November 12, 2020 Planning Commission Meeting

SORA West Second Amended Final LD Packet (page 2)

Fox Rothschild LLP
ATTORNEYS AT LAW

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Warrington, PA 18976
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ROBERT W. GUNDLACH, JR.
Direct No: 215.918.3636
Email: RGundlach@FoxRothschild.com

September 4, 2020

VIA EMAIL & HAND DELIVERY
Stephanie Cecco, Borough Manager
Conshohocken Borough
400 Fayette Street, Suite 200
Conshohocken, PA 19428

Re: SORA West – Submission for Amended Preliminary/Final Land Development Approval

Dear Stephanie,

I am writing to request amended preliminary/final land development approval for this project.

By way of background, Keystone Property Group ("Keystone") obtained preliminary/final land development approval from Borough Council, by Resolution No. 27 of 2018, adopted and approved as of October 17, 2018 (the "Original Approval"), to construct a unified development on the property located at Fayette and West Elm Street, consisting of six tax parcels, being parcel nos. 05-00-02810-002, 05-00-06040-003, 05-00-02350-003, 05-00-06032-002, 05-00-02852-005 and 05-00-02840-008 (collectively, the "Property"). The approved project consisted of (a) an office building with first floor retail space and 150 parking spaces below the building, (b) a hotel building with ground level retail, rooftop restaurant and 19 below grade valet parking spaces; (c) a 1,505 space parking garage; (d) a brew pub restaurant with an outdoor beer garden; (e) a public plaza; and (f) accessory site improvements, including curb, sidewalk, paving, lighting, landscaping, and stormwater management (collectively, the "Original Project").

The Original Project included approval to construct an 8-story hotel containing a 12,045 sf footprint, 113,310 sf of gross floor area, 2,742 sf of retail space, 4,889 sf of restaurant space, 149 hotel rooms, meeting space, 19 below grade valet parking spaces and the right to use 93 parking spaces in the parking garage; all as reflected on the Record Plan, recorded in Plan Book 0049, Page 00432.

By letter dated April 5, 2019, Keystone requested amended preliminary/final land development approval for the following plan modifications:

1. As to the hotel:
    a. Rooms increased from 149 to 165.
    b. Below grade valet parking increased from 19 to 29 valet spaces.
    c. Modifications to meeting room space.
    d. The number of stories was increased from 8 stories to 10 stories.
    e. The restaurant space was increased from 4,889 sf to 5,091 sf.
    f. The footprint increased from 12,045 sf to 13,554 sf.
    g. The gross floor area increased from 113,310 sf to 133,631 sf.
    h. The retail space decreased from 2,742 sf to 2,405 sf.

2. As to the parking garage:
    a. The footprint was reduced from 38,674 sf to 38,628 sf.
    b. The number of parking spaces was reduced from 1,505 spaces to 1,479 spaces.
    c. Based on the revised parking count, the 1,479 parking spaces within the garage were allocated as follows:
        i. 150 public use spaces.
        ii. 12 Emergency Services spaces.
        iii. 96 hotel spaces.
        iv. 1,221 office spaces.

    d. The parking levels below the office building were modified through finalization of the building structural and mechanical design, as well as striping, to increase the total number of parking spaces from 150 to 167 spaces.

3. The public plaza area was reconfigured and reduced in size from 19,240 sf down to 18,713 sf.

4. Replacement of the handicap lift on Fayette Street with an enclosed elevator; leading directly to the public plaza.

Amended land development approval was approved by Resolution, dated June 19, 2019, and the revised plans were recorded in Plan Book 0051, page 00463.

Due to reasons related to COVID-19, as well as the hotel industry in general, Concord Hospitality, the hotel operator, has determined that they cannot proceed with this project unless the proposed hotel is reduced in size and combined with the proposed brew pub restaurant. That

is, the hotel, to be profitable, must cut its costs of construction and increase its projected revenue. Reducing the size of the hotel and operating the brew pub restaurant as part of the hotel is how they can meet these requirements.

Based on the above, Keystone is requesting amended land development approval to allow the following plan modifications:

1. Reduce the number of hotel room from 165 to 127.

2. Reduce the height of the hotel from 10 stories to 8 stories (with 2 of the 8 stories all or partially below grade).

3. Construct a new two-story building to connect the existing firehouse building to the proposed hotel building (the "Connector Building").

4. Reduce the gross square footage of the hotel from 133,631 square feet to 95,680 square feet; but increase the footprint from 13,554 sq. ft. to 17,211 sq. ft. (which now includes the firehouse building and the Connector Building.

5. Merge the existing firehouse building into the hotel.

6. Relocate the lobby of the hotel to the firehouse building and encourage all hotel "drop-offs" to the new driveway.

7. Relocate the hotel restaurant from the roof of the hotel to the second floor of the Connector Building and the second floor of the firehouse building.

8. Relocate the handicap lift from inside the hotel back to the front of the plaza.

9. The public plaza easement area was reconfigured, due to the relocated hotel entrance and footprint, resulting in the area being increased from 18,713 to 18,953 square feet.

In addition, Keystone has included the following enhancements to the plaza:

1. Paver Changes. Changed from concrete unit pavers to granite pavers within the Plaza area. These pavers are slightly larger than the unit pavers originally specified and an upgrade to the plaza.

2. Boulevard Lighting (in pavers). Revised the paver patterns and integration of the lighting within the main walk of the Plaza. This change increases user experience and provides better wayfinding.

3. Light Masts. The addition of light masts provides a landmark element for the Plaza to the Fayette Street side of the site.

4. Perforated Metal Panel/LED Bollards at the drop-off. The addition of these features increase safety of drop-off area and provides a more distinct landing for those entering the site.

In this regard, enclosed are the following items for your consideration:

1. Seven (7) full-size copies and one (1) digital copy of the Amended Preliminary/Final Land Development Plans, prepared by Pennoni Engineering, dated July 2, 2018, last revised September 3 2020, consisting of 24 pages;

2. Seven (7) full-size copies and one (1) digital copy of Fig. 2, Plaza Easement Exhibit Plan, prepared by Pennoni Engineering, dated September 11, 2018, last revised September 3, 2020.

3. Seven (7) copies and one (1) digital copy of an updated Zoning Compliance Report, dated September 21, 2018, last revised September 3, 2020; red-lined to reflect the revisions to the last draft updated April 5, 2019.

4. Seven (7) 11 x 17 copies and one (1) digital copy of an architectural package, containing elevations, renderings, floor plans, and building sections, prepared by DLR Group, dated August 20, 2020, consisting of 8 sheets.

5. Seven (7) 11 x 17 copies and one (1) digital copy of a transparency diagram plan and renderings, as to compliance with the design requirements of the Zoning Ordinance, prepared by DLR Group, dated August 20, 2020, consisting of 5 sheets.

6. Seven (7) copies and one (1) digital copy of a letter report, confirming that the revised Plans will not have an adverse impact on the opinions rendered in the Trip Generation and Parking Assessment, prepared by Traffic Planning and Design for this project.

7. Three (3) copies and one (1) digital copy of an updated Stormwater Management Narrative, prepared by Pennoni Engineering, dated July 2, 2018, last revised September 3, 2020.

8. Updated Plaza Renderings, prepared by Gensler, dated January 22, 2020, consisting of 7 sheets.

Hard copies of the documents referenced in items 1-8 above will be hand delivered to the Borough.

Please note that we will be sending to the Borough Solicitor, under separate cover, the following draft documents for his review and comment:

1. Second Amendment to the Public Plaza and Easement Agreement between the Borough of Conshohocken and Keystone, to reflect modifications to the public plaza.

2. Second Amendment to the Land Development Agreement between the Borough of Conshohocken and Keystone, to reflect the amended land development plans.

3. Second Amendment to the Stormwater Agreement to reflect the amended land development plans.

4. Second Amendment to the Parking Agreement to reflect the amended land development plans.

It is our understanding that this submission will be placed on the agenda of the Borough Planning Commission meeting on October 8, 2020, and on the agenda of the Borough Council meeting on October 21, 2020. We would like to set a staff meeting within the next week or two to further discuss. Time is of the essence with this submission as Keystone must commence construction of the hotel by November 1, 2020, to stay on schedule with its delivery deadlines.

If you have any questions regarding the enclosed submission, or the above summary, please advise. Thank you.

Sincerely,

Robert W. Gundlach, Jr.

RWG:lmr

cc: Ray Sokolowski, Borough Executive Director of Operations/BCO/Emergency Management
Karen M. MacNair, PE, Borough Engineer
Michael E. Peters, Esq., Borough Solicitor
Albert Federico, PE, Borough Traffic Engineer

Christine Stetler, Borough Community Development Director
Jason Sheridan, PE, Applicant's Eengineer
Carl St. Pierre, PE, Applicant's Engineer
Peter Spisszak, PE, Applicant's Traffic Engineer
Richard Gottlieb, Keystone
Michael Brookshire, Keystone
Jennifer Rosenberg, Keystone
Scott Boyle, Architect
Christine Morrison, Architect
Steven Anderson, Concord Hospitality
Jessica L. Rice, PL, Applicant's Counsel

BOROUGH OF CONSHOHOCKEN
MONTGOMERY COUNTY, PENNSYLVANIA

APPLICATION FOR SUBDIVISION/ LAND DEVELOPMENT

To be completed by the Borough:

Submission Information:

File Number: LD-2015-07

Project Title: SORA West - Amended Final No. 2

Received By: B. Rogers

File Date: September 8, 2020

Date Complete: September 22, 2020

90 Day Date: Waived

REQUIRED MATERIALS FOR ALL LAND DEVELOPMENT/SUBDIVISION APPLICATIONS

1. This form MUST be completed and submitted with the Borough's Land Development/Subdivision application.
2. A Land Development/Subdivision Application MUST include all of the items listed in the application checklist to be considered complete.

   Incomplete applications will NOT be placed on a Planning Commission agenda. Incomplete applications will be returned to the applicant.
3. Complete applications must be received at least 38 DAYS (see schedule) prior to the Planning Commission meeting at which it will be heard.
4. **It is highly encouraged to submit applications in a digital format.**
   One (1) digital copy plus seven (7) paper copies of the complete application are required if submitting digitally, or fifteen (15) paper copies of the complete application are required.

Applicant Information:

Name: Keystone Property Group, LP

Address: 125 E. Elm Street, Suite 400
Conshohocken, PA 19428

Phone: 610-980-7000

Fax:

E-Mail*: rgottlieb@keystonepropertygroup.com

Property Owner Information (if different):

Name: See attached addendum.

Address:

Phone:

Fax:

E-Mail*:

Architect/Planner: DLR Group

Address: 333 West Wacker Drive, Suite 850 Chicago, IL 60606

E-mail*: sboyle@dlrgroup.com

Phone/Fax: sboyle@DLRGROUP.com

Engineer/Surveyor: Pennoni Associates, Inc.

Address: One Drexel Plaza, 1900 Market Street, Suite 300, Philadelphia PA 19103

E-mail*: carlstpierre@pennoni.com

Phone/Fax: 215-222-3000/215-222-3588

Landscape Architect: DLR (see above)

Address:

E-mail*:

Phone/Fax:

Attorney: Robert W. Gundlach, Jr., Esquire

Address: 2700 Kelly Road, Suite 300, Warrington, PA 18976

E-mail*: rgundlach@foxrothschild.com

Phone/Fax: 215-918-3636/215-345-7507

*All correspondence regarding this application from the Planning Commission and staff will be made via e-mail. All persons involved with this application should provide their e-mail addresses so that information including, but not limited to, meeting dates and plan reviews replaces revisions here, is distributed appropriately.

Application For: (See Section 22-305.A or the bottom of page 10 of the application packet for clarification)

__ Minor Land Development
__ Preliminary Major Land Development
X Final Major Land Development
__ Minor Subdivision
__ Preliminary Major Subdivision
__ Final Major Subdivision

Project Information:

Location (Street Address): Block bounded by Fayette Street, Elm Street, Robinson Alley & First Avenue

Tax Assessment Parcel No. See attached addendum County Deed Book No. _____ Page No. _____

Description of Proposed Work: Construction of Unified Development include a hotel and restaurant, parking garage, two office buildings and a public plaza, all as shown on the enclosed plans.

Total Tract Acreage: 3.62 Project Acreage 3.62

Zoning District SP-4 Existing Number of Lots: 6 Proposed Number of Lots: 5

Proposed Land Use: __ Single-Family Detached __ Single-Family Semi-Detached __ Multi-Family __ Single-Family Attached __ Commercial __ Office __ Industrial

Other (Describe): Unified Development.

Existing Sewer Flows: 7 EDU's Proposed Sewer Flows: 135 total EDU's

Check List - Plans:

The applicant must provide all of the following plans for an application to be considered complete. Section 22, Part 3 of the SALDO outlines plan submission requirements and the criteria that must be met in order for submissions to be deemed complete. These requirements are listed on information sheets provided at the end of this application package. If the required plans listed below do not have sufficient information to allow for staff reviews, the application may be considered incomplete and returned, requesting additional information.

X Record Plan
X Existing Features Site Plan
X Grading Plan
X Erosion and Sediment Control Plan
X Lighting Plan_Major
X Circulation Plan_Major
X Stormwater Calculations
X Landscape Plan (sealed by a Landscape Architect)
X Demolition Plan
_____ Detail Sheets
X Traffic Study (if applicable)
X Post Construction Stormwater Management Plan
X Utility Plan

Check List - Proof of ownership and zoning relief:

* Proof of equitable ownership or interest in the property - copy of the deed to the subject property
NA Copy of adjudication of Zoning Hearing Board related to the application

Check List - Color Photographs of Site and Existing Conditions:

*** Items are already on file with the Borough.**

* Streetscape in all directions, showing subject property in each
* Façade and secondary elevations of existing building(s) on site
* Sidewalk and curb conditions
* Street trees
* Alley conditions, if present

Check List - Building Elevations:

X Architectural drawings and renderings of proposed building(s)

Check List - Setback of Proposed Building(s):

X Established building line for the block on which the property is located (eg: scale off an aerial) (In plan, show setbacks of all existing buildings on same side of the street as project for entire block.)

List of Requested Waivers:

Section/Requirement:	Relief Requested:

Have you met with the Zoning Officer regarding this plan? ____Yes X No

Are there known variances/any zoning relief necessary for this project?* ____Yes X No

If YES, have you submitted an application for the Zoning Hearing Board? ____Yes X No

Has this plan been reviewed by the Zoning Hearing Board? ____Yes X No

*Please be advised that if any variances are found to be necessary during the course of the review of this plan, you will be required to go to the Zoning Hearing Board prior to proceeding to the Planning Commission. In addition, you will be requested to grant the Borough a waiver to the 90-day action period or an immediate denial of this application will be made, and you will be required to resubmit the application.

The undersigned represents that to the best of his/her knowledge and belief, all the above statements are true, correct and complete.

Signature of Applicant

9/22/2020
Date

Signature of Property Owner (if not the same as applicant)

Date

ALL MAJOR subdivision/land use applications require a pre-submission meeting to discuss the project prior to full application submittal.

MINOR subdivision/land use applications may request a pre-submission meeting; if one is desired.

Meetings are held the second and fourth Tuesday of each month beginning at 1:30pm at the Borough Administrative Offices.

Applicants assume responsibility of any fees associated with this meeting.

Applicant signature date

To schedule a pre-submission meeting, please contact the office of the Borough Manager
ph: 610.828.1092
e: landuse@conshohockenpa.gov

Borough Use Only:

✓ Filing Fee	Amount $	1,000	Check No.	1267
✓ Planning, Engineering and Legal Review Escrow	Amount $	20,444.95	Check No.	1268

Decision Information:

Approval _____ Denial _____ Decision Date:_____

Comments/Conditions:

BOROUGH OF CONSHOHOCKEN
MONTGOMERY COUNTY, PENNSYLVANIA

Planning Process Extension Agreement

The Pennsylvania Municipality Planning Code (MPC) and the Conshohocken Borough Subdivision and Land Development Ordinance state that action must be taken by the Borough within ninety (90) days after a complete application is filed with the Borough. In the Borough, larger and complicated projects have historically required additional time in order to complete a thorough review before being considered for approval. As such, an applicant may voluntarily waive the timing requirement at any time, but is encouraged to submit this waiver with the completed application.

I, the applicant, hereby voluntarily waive the timing requirement as set forth in the MPC (Section 509) and the Conshohocken Borough Subdivision and Land Development Ordinance (Section 22-308).

Applicant signature — Date: 9/22/2020

Brittany Rogers — Received by (Borough) — Date: 9/22/20

BOROUGH OF CONSHOHOCKEN
MONTGOMERY COUNTY, PENNSYLVANIA

ESCROW AGREEMENT
FOR PROFESSIONAL REVIEW FEES

PRE-SUBMISSION MEETING

The undersigned hereby agrees to post an escrow to cover the costs of the review of subdivision and land development applications by the Borough Planner, Engineer, and Solicitor. The amount of said escrow shall be according to the attached "Schedule of Fees" and shall be posted at the time of initial submission of an application to the Borough. Said fees shall be placed in an escrow account and any balance remaining shall be returned to the applicant subsequent to the receipt of final approval.

The applicant is advised that the "Schedule of Fees" represents only an estimate of the costs associated with plan review. The completeness and quality of the submission, the complexity of the project, the number of revisions and other factors may cause costs to exceed the established escrow amounts. If during the course of a subdivision/land development review an escrow amount falls to 10% of the original escrow amount or $250, whichever is greater, the Borough may require the posting of additional escrow.

NOTE: NO FINAL APPROVALS, CONSTRUCTION, BUILDING OR OCCUPANCY PERMITS SHALL BE ISSUED UNTIL ALL OUTSTANDING PROFESSIONAL REVIEW FEES HAVE BEEN SATISFIED.

Signed _____ Date: 9/24/2020
Applicant

SORA WEST

AMENDED FINAL LAND DEVELOPMENT

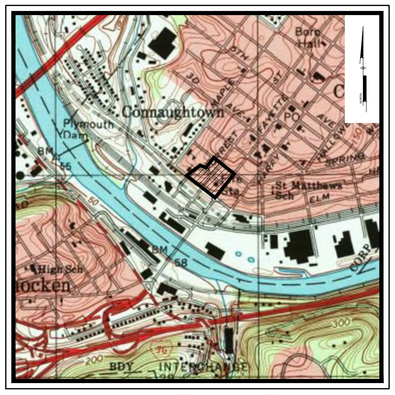
FAYETTE & WEST ELM STREETS - MONTGOMERY COUNTY, PENNSYLVANIA
OCTOBER 21, 2020

PREPARED FOR:

DEVELOPER

KEYSTONE PROPERTY GROUP

125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428



LOCATION MAP
Scale: 1" = 1000'

Sheet List Table

SHEET NUMBER	Drawing Number	Sheet Title	SUBMISSION DATE
1	CS0001	COVER PAGE	10/21/2020
2	CS0201	EXISTING CONDITIONS PLAN	10/21/2020
3	CS0401	ADJACENT FEATURES PLAN	10/21/2020
4	CS0501	DEMOLITION PLAN	10/21/2020
5	CS0802	EASEMENT PLAN	10/21/2020
6	CS1001	SITE & RECORD PLAN	10/21/2020
7	CS1002	SITE & RECORD PLAN NOTES	10/21/2020
8	CS1501	GRADING PLAN	10/21/2020
9	CS1502	GRADING DETAILS	10/21/2020
10	CS1503	GRADING DETAILS	10/21/2020
11	CS1504	GRADING DETAILS	10/21/2020
12	CS1701	UTILITY PLAN	10/21/2020
13	CS2701	CIRCULATION PLAN	10/21/2020
14	CS2702	EMERGENCY VEHICLE CIRCULATION PLAN	10/21/2020
15	CS4001	PROFILES	10/21/2020
16	CS4002	PROFILES	10/21/2020
17	CS6001	SITE DETAILS	10/21/2020
18	CS6002	SITE DETAILS	10/21/2020
19	CS6003	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS	10/21/2020
20	CS6004	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS	10/21/2020
21	CS8001	EROSION AND SEDIMENT CONTROL PLAN	10/21/2020
22	CS8501	EROSION AND SEDIMENT CONTROL DETAILS	10/21/2020
23	CS8502	EROSION AND SEDIMENT CONTROL NOTES	10/21/2020
24	CS9501	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN	10/21/2020

PREPARED BY:

PENNONI ASSOCIATES INC.

1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000
F 215.222.3588

Hotel Architectural Plans Prepared by the DLR Group	10/21/2020
Hotel Landscape Architecture Plans Prepared by Pennoni Associates	10/21/2020

CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1776
PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

COVER PAGE

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NO.	DATE	REVISIONS	BY
9	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
8	9/3/2020	AMENDED FINAL LAND DEVELOPMENT	SWC

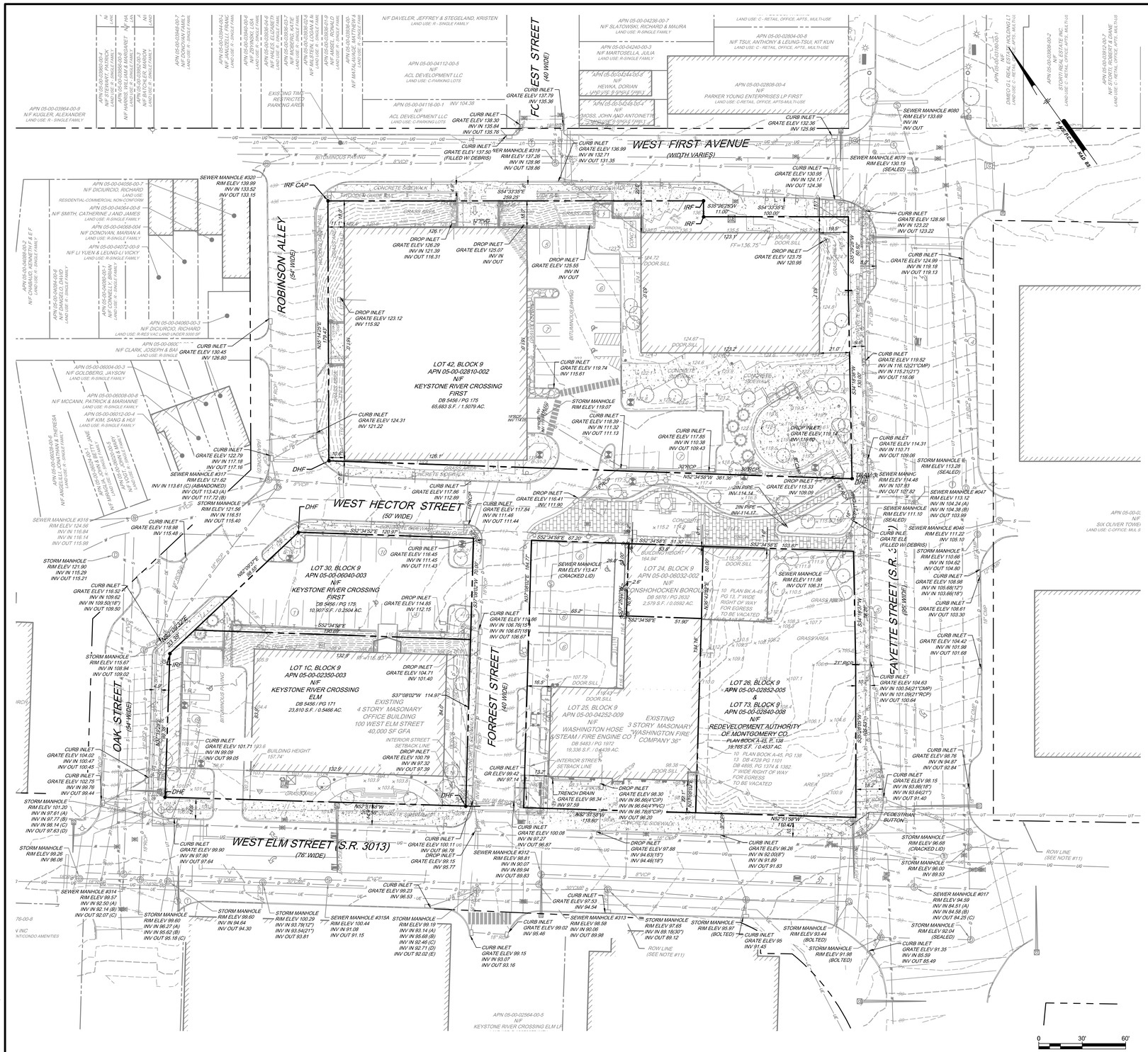
ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATE AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

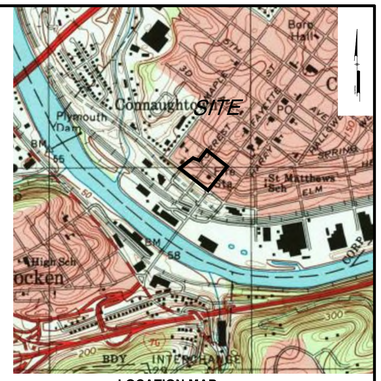
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS0001

SHEET 1 OF 24

P:\Projects\KEYP\KEYP-140 - One Crosby\Active\DESIGN_PUBLISH\Land Development\CS0001.dwg PLOTTED: 10/21/2020 4:29 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni MCS.ctb PROJECT STATUS: —





LOCATION MAP
SCALE: 1" = 1000'

LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING TREES
- EXISTING CURB
- EXISTING SIDEWALK
- ADJACENT PROPERTY LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELECOM LINE

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT/OWNER:
KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN , PA 19428

GENERAL NOTES:

1. A FIELD SURVEY OF THE SITE WAS PERFORMED BY PENNONI ASSOCIATES ON 5/21/2014.
2. UNLESS SPECIFICALLY STATED OR SHOWN HEREON TO THE CONTRARY, THIS SURVEY IS MADE SUBJECT TO AND DOES NOT LOCATE OR DELINEATE:
   A. RIGHTS OR INTERESTS OF THE UNITED STATES OF AMERICA OR THE COMMONWEALTH OF PENNSYLVANIA, OVER LANDS NOW OR FORMERLY FLOWED BY TIDEWATER, BUT NO LONGER VISIBLE OR PHYSICALLY EVIDENT, OR LANDS CONTAINING ANY ANIMAL, MARINE, OR BOTANICAL SPECIES REGULATED BY OR UNDER THE JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL AGENCY.
   B. BUILDING SETBACK LINES, ZONING REGULATIONS OR LINES ESTABLISHED BY ANY FEDERAL, STATE OR LOCAL AGENCY WHICH MAY AFFECT THE BUILDING OR DEVELOPMENT POTENTIAL OF THE SUBJECT PROPERTY.
   C. ANY SUBSURFACE OR SUBTERRANEAN CONDITION, EASEMENTS OR RIGHTS, INCLUDING, BUT NOT LIMITED TO MINERAL OR MINING RIGHTS, OR THE LOCATION OF OR RIGHTS TO ANY SUBSURFACE STRUCTURES, CONTAINERS OR FACILITIES OR ANY OTHER NATURAL OR MAN-MADE SUBSURFACE CONDITION WHICH MAY OR MAY NOT AFFECT THE USE OR DEVELOPMENT POTENTIAL OF THE SUBJECT PROPERTY.
3. LOCATIONS OF ON AND OFF SITE UTILITIES AS SHOWN ARE APPROXIMATE AND MAY OR MAY NOT BE COMPLETE. THE NATURE AND EXACT LOCATION OF EXISTING UTILITIES SHOULD BE VERIFIED PRIOR TO INITIATING ANY ACTIVITY THAT MAY AFFECT THEIR USE OR LOCATION.
4. A. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM EXISTING UTILITY RECORDS AVAILABLE AT THE TIME THESE PLANS WERE PREPARED AND FROM SURFACE OBSERVATION OF THE SITE.
   B. COMPLETENESS OR ACCURACY OF LOCATION AND DEPTH OF UNDERGROUND UTILITIES AND STRUCTURES IS NOT GUARANTEED.
   C. IN ACCORDANCE WITH PA ACT 287 OF 1974 AS AMENDED BY PA ACT 121 OF 2008 ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW". THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA VIA THE PENNSYLVANIA ONE CALL SYSTEM, INC. (800-242-1776) A MINIMUM OF 3 WORKING DAYS BEFORE THE START OF EXCAVATION
   D. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND STRUCTURES BEFORE THE START OF WORK.
5. THIS SITE IS CURRENTLY ZONED SP-4, SPECIAL PLANNED DISTRICT 4.
6. REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM, ASSIGNED SERIAL NUMBERS 20173190746, 20141420341, 20141420342, 20141420352, 20141420356, 20141420387, 20141420399 AND 20141420420 IN ACCORDANCE WITH PA ACT 287 OF 1974 AS AMENDED BY PA ACT 121 OF 2008 ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW" (800-242-1776)
7. THIS PLAN WAS PREPARED IN ACCORDANCE WITH INSTRUCTIONS OF THE CLIENT.
8. VERTICAL DATUM IS BASED ON NAVD 1988.
9. HORIZONTAL COORDINATE DATUM IS IN PENNSYLVANIA STATE PLANE COORDINATE SYSTEM SOUTH ZONE, NORTH AMERICAN DATUM 1983 BASED ON GPS OBSERVATION.
10. PROPERTY BOUNDARY INFORMATION BASED ON DEED INFORMATION.
11. RIGHT OF WAY INFORMATION SHOWN AS PER DEEDS AND RECORD DOCUMENTS AT THE TIME OF SURVEY. PENNDOT RIGHT OF WAY PLANS NOT PROVIDED.

FLOOD ZONE INFORMATION:

BY GRAPHIC PLOTTING ONLY, SUBJECT PARCEL AREA IS LOCATED IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOODPLAIN) OF THE FLOOD INSURANCE RATE MAP NO. 42091C0356, EFFECTIVE DATE MARCH 2, 2016.

UTILITY INFORMATION:

REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM, ASSIGNED SERIAL NUMBER 20173190746, 20141420341, 20141420342, 20141420352, 20141420356, 20141420387, 20141420399 AND 20141420420 IN ACCORDANCE WITH PA ACT 287 OF 1974, AS AMENDED BY PA ACT 121 OF 2008, ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW". THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA, VIA THE PENNSYLVANIA ONE CALL SYSTEM, A MINIMUM OF 3 WORKING DAYS BEFORE THE START OF EXCAVATION. (800) 242-1776

COMPANY: CROWN CASTLE
ADDRESS: 2000 CORPORATE DR
CANONSBURG, PA. 15317
CONTACT: REBECCA BYRD
EMAIL: rebecca.byrd@crowncastle.com

COMPANY: CONSHOHOCKEN BOROUGH OF
ADDRESS: 400 FAYETTE STREET
SUITE 200
CONSHOHOCKEN, PA. 19428
CONTACT: RAY SOKOLOWSKI
EMAIL: rsokolowski@conshohockenpa.gov

COMPANY: COMCAST CABLEVISION
ADDRESS: 1 APOLLO RD
PLYMOUTH MEETING, PA. 19462
CONTACT: TOM DEMSEY

COMPANY: CONSHOHOCKEN BOROUGH AUTHORITY
ADDRESS: 601 E ELM ST
CONSHOHOCKEN, PA. 19428
CONTACT: VINNY COLON
EMAIL: vcolon@conshohockensa.com

COMPANY: AT&T LOCAL SERVICES
ADDRESS: 360 GEES MILL
BUSINESS PKWY NE
CONYERS, GA. 30013
CONTACT: NANCY SPENCE
EMAIL: NS2821@ATT.COM

COMPANY: COMCAST
ADDRESS: 4400 WAYNE AVENUE
PHILADELPHIA, PA. 19140
CONTACT: ROBERT HARVEY
EMAIL: bob_harvey@cable.comcast.com

COMPANY: AQUA PENNSYLVANIA INC
ADDRESS: 762 W LANCASTER AVE
BRYN MAWR, PA. 19010
CONTACT: STEVE PIZZI
EMAIL: stpizzi@aquaamerica.com

COMPANY: PECO ENERGY C/O USIC
ADDRESS: 450 S HENDERSON RD SUITE B
KING OF PRUSSIA, PA. 19406
CONTACT: NIKKIA SIMPKINS
EMAIL: NIKKIASIMPKINS@USICLLC.COM

COMPANY: LEVEL 3 COMMUNICATIONS LLC
ADDRESS: 1025 ELDORADO BLVD BLDG
BROOMFIELD, CO. 80021
CONTACT: LEVEL 3 OPERATOR PERSONNEL
EMAIL: RELO@LEVEL3.COM

COMPANY: VERIZON BUSINESS FORMERLY MCI
ADDRESS: 400 INTERNATIONAL PARKWAY
RICHARDSON, TX. 75081
CONTACT: DEAN BOYERS
EMAIL: investigations@verizon.com

COMPANY: XO COMMUNICATIONS INC
ADDRESS: 1220 BROADCASTING RD
WYOMISSING, PA. 19610
CONTACT: SCOTT DREILING
EMAIL: scott.j.dreiling@xo.com

COMPANY: ZAYO BANDWIDTH FORMERLY PPL TELCOM LLC
ADDRESS: 1060 HARDEES DR UNIT H
ABERDEEN, MD. 21001
CONTACT: GEORGE HUSS
EMAIL: george.huss@zayo.com

COMPANY: RCN TELECOM SERVICES INC
ADDRESS: 5508 NOR-BATH BLVD
NORTHAMPTON, PA. 18067
CONTACT: KEVIN COCHRAN
EMAIL: kevin.cochran@rcn.net

COMPANY: VERIZON PENNSYLVANIA LLC
ADDRESS: 1050 VIRGINIA DR
FORT WASHINGTON, PA. 19034
CONTACT: LAURA LIPPINCOTT
EMAIL: LAURA.M.LIPPINCOTT@ONE.VERIZON.COM

PENNSYLVANIA ONE CALL SYSTEM, INC.
925 IRWIN RUN ROAD
WEST MIFFLIN, PENNSYLVANIA
15122-1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA!
CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTLY
PA LAW REQUIRES THREE WORKING DAYS
NOTIVE TO UTILITIES BEFORE YOU EXCAVATE,
DRILL, BLAST OR DEMOLISH

Pennoni
PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY STIEBRE

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

EXISTING CONDITIONS PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

BY	REVISIONS	NO	DATE
SWC	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	9	10/27/2020
SWC	AMENDED FINAL LAND DEVELOPMENT	8	9/3/2020

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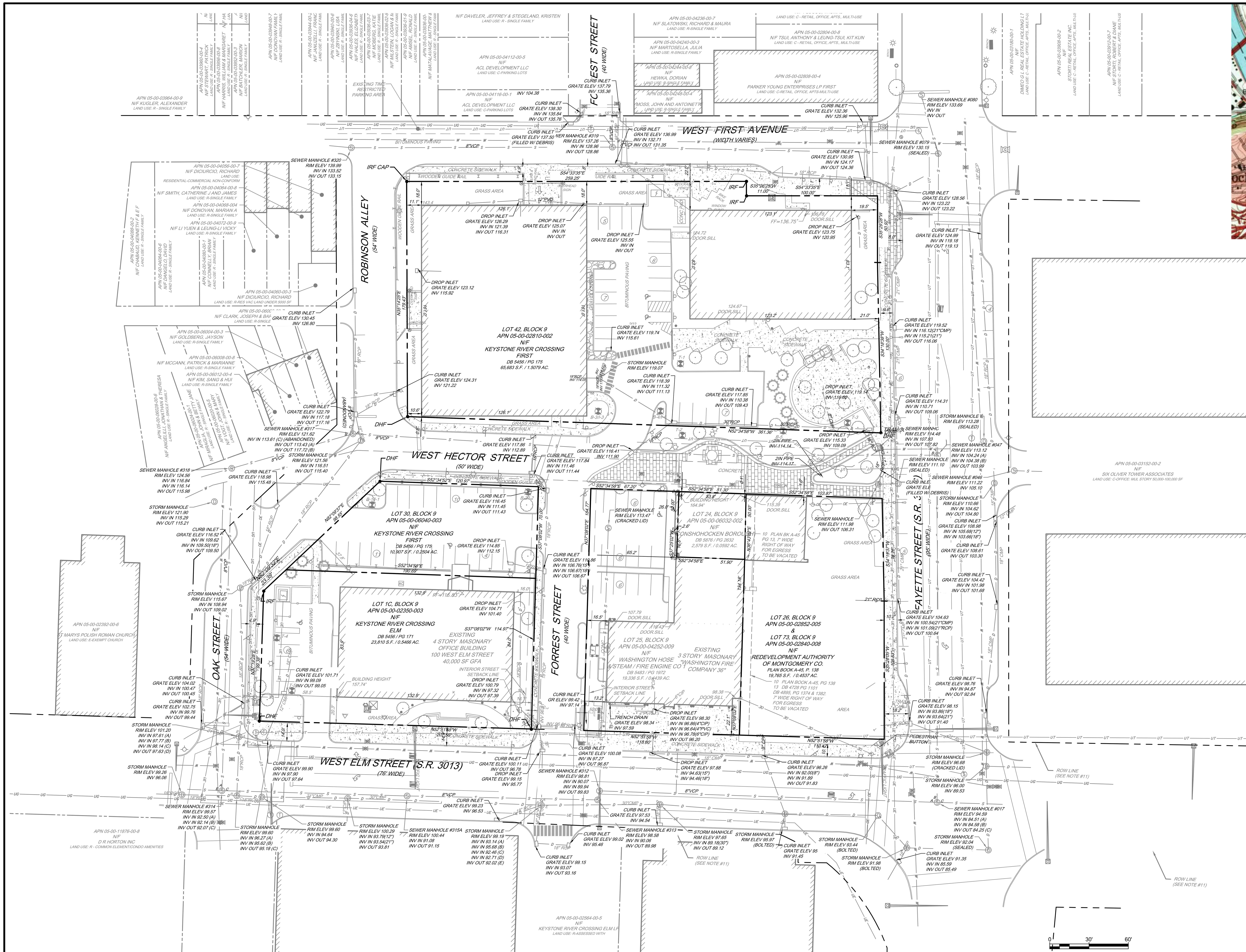
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS0201

SHEET 2 OF 24

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS0201.dwg PLOTTED: 10/21/2020 1:06 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.ctb PROJECT STATUS: —



LOCATION MAP
SCALE: 1" = 1000'

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT/OWNER:
KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN , PA 19428

LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING TREES
- EXISTING CURB
- EXISTING SIDEWALK

PENNSYLVANIA ONE CALL SYSTEM, INC.
925 IRWIN RUN ROAD
WEST MIFFLIN, PENNSYLVANIA
15122-1078

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P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS0401.dwg PLOTTED: 10/21/2020 1:07 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
CARL ANTHONY ST PIERRE
ENGINEER
No. PE061604

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

ADJACENT FEATURES PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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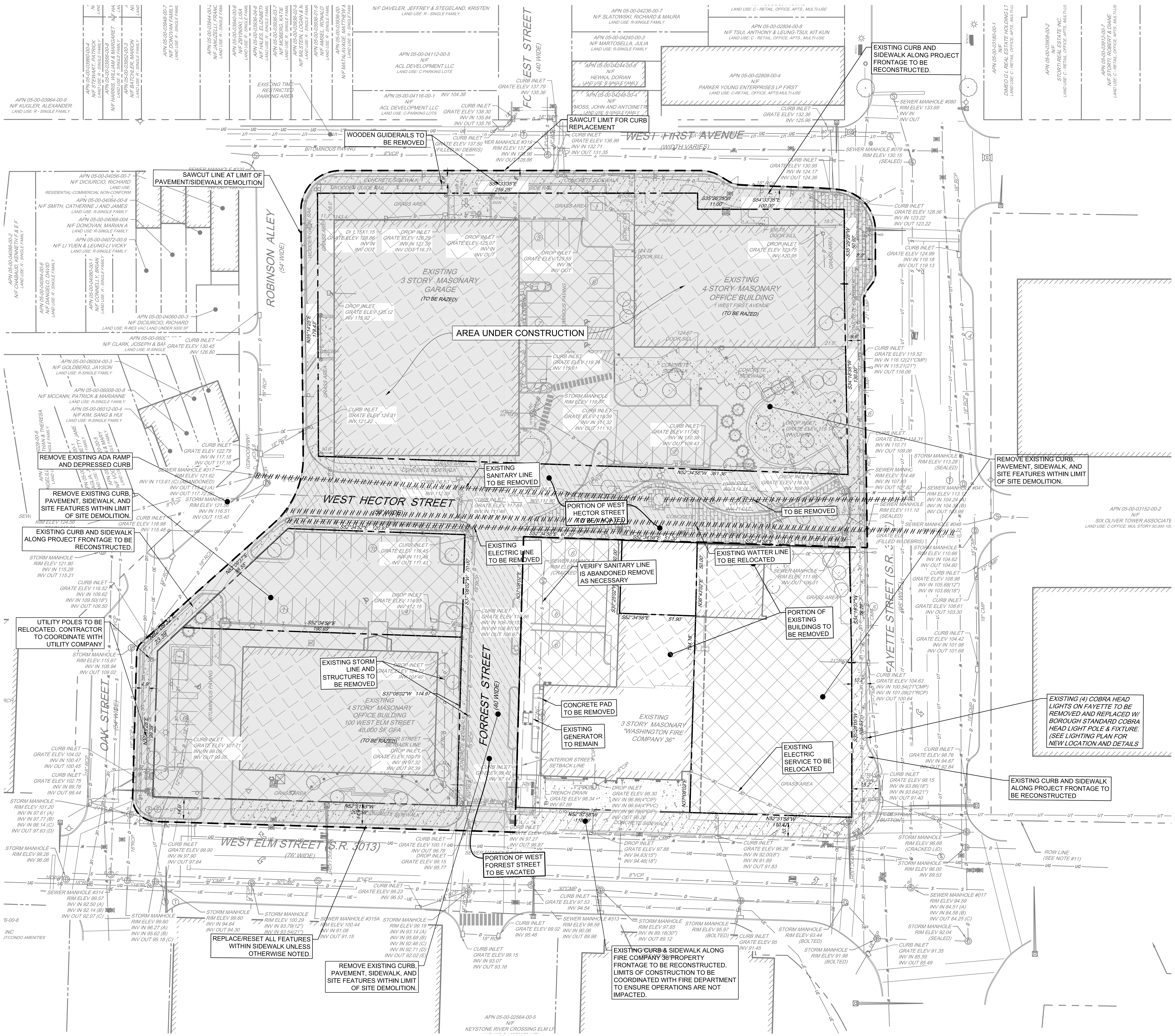
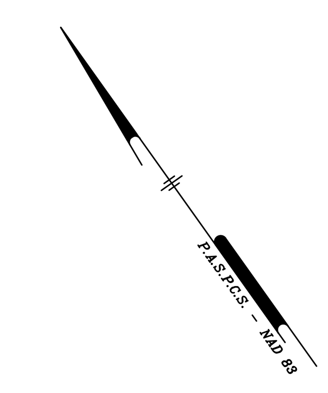
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS0401

SHEET 3 OF 24





DEMOLITION NOTES:

1. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION OF ALL UTILITIES ON SITE TO BE REMOVED.
2. ALL DEMOLITION TO BE PERFORMED BY A QUALIFIED, LICENSED CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE BOROUGH, STATE, AND FEDERAL CODES AND REGULATIONS. ALL DEBRIS TO BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE BOROUGH, STATE, AND FEDERAL REGULATIONS.
3. ALL UTILITIES SHALL BE DISCONNECTED AND REMOVED IN ACCORDANCE WITH ALL APPLICABLE BOROUGH, STATE, AND FEDERAL REGULATIONS.
4. ANY PUBLIC UTILITIES DAMAGED DURING DEMOLITION AND CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED IN KIND BY THE CONTRACTOR AT HIS OWN EXPENSE. UTILITY REMOVAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY.
5. ALL OPENINGS IN STORM SEWER STRUCTURES RESULTING FROM PIPE REMOVAL SHALL BE FILLED WITH SEWER BRICK AND MORTAR OR REPLACED, AS DIRECTED BY THE BOROUGH ENGINEER.
6. STORMWATER AND SANITARY LINES, STRUCTURES AND APPURTENANCES SHALL BE REMOVED IN THEIR ENTIRETY.
7. ALL EXISTING BUILDING CONCRETE FOUNDATIONS AND FOOTINGS ARE TO BE REMOVED IN THEIR ENTIRETY. ALL SITE STRUCTURES AND IMPROVEMENTS WITHIN THE LIMIT OF DEMOLITION SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING FOUNDATIONS UNLESS NOTED OTHERWISE.
8. TREES TO BE REMOVED SHALL INCLUDE REMOVAL AND DISPOSAL OF TREES AND STUMPS.
9. PA DEP AND US EPA DEMOLITION NOTIFICATIONS - DEMOLITION CONTRACTOR IS RESPONSIBLE FOR COMPLETION AND SUBMITTAL. DRAFT FORMS MUST BE SUBMITTED TO PSU EHS FOR REVIEW AND APPROVAL PRIOR TO MAILING TO APPROPRIATE REGULATORY AGENCIES. AFTER APPROVAL, THE DEMOLITION CONTRACTOR SHALL SUBMIT TO APPROPRIATE AGENCIES AND PROVIDE SIGNED COPIES TO EHS THE SAME DAY, WITH PROOF-OF-MAILING. DEMOLITION SHALL NOT BEGIN UNTIL 10-WORKING DAYS AFTER THE APPROVED NOTIFICATION IS POST-MARKED.
10. DUST CONTROL - DEMOLITION CONTRACTOR IS RESPONSIBLE FOR WETTING DUST GENERATING DEBRIS FROM TIME OF FIRST CONTACT UNTIL PLACING INTO APPROPRIATE WASTE OR HAULING CONTAINERS OR TRUCKS. DEBRIS SHALL NOT BE ALLOWED TO DRY BEFORE REMOVAL FROM SITE.
11. WATER FOR DUST CONTROL - DEMOLITION CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER TANK / PUMP TRUCKS IF ON-SITE WATER FLOW OR PRESSURE IS NOT SUFFICIENT FOR OPERATIONS.
12. ASBESTOS - EVERY EFFORT HAS BEEN MADE TO IDENTIFY AND REMOVE ALL ASBESTOS FROM THE FACILITY PRIOR TO DEMOLITION. IF SUSPECT ASBESTOS IS DISCOVERED, CEASE OPERATIONS AND NOTIFY OPP AND EHS IMMEDIATELY.
13. LEAD-BASED PAINTS - PEELING OR FLAKING PAINTS ON EXTERIOR SURFACES MUST BE STABILIZED PRIOR TO DEMOLITION TO PREVENT SOIL CONTAMINATION. THIS CAN BE ACCOMPLISHED BY COATING WITH DILUTED, INEXPENSIVE LATEX PAINTS OR CLEAR COATINGS.
14. DEMOLITION DEBRIS (CLEAN FILL) - PAINTED CONCRETE, BRICK OR BLOCK CONTAINS LEAD-BASED PAINTS AND CANNOT BE USED FOR CLEAN FILL ON PSU OR ANY OTHER PROPERTY. THESE MATERIALS MUST BE DISPOSED AT A LICENSED LANDFILL.
15. CONTAMINATED SOIL - IF UNUSUAL STAINS OR ODORS ARE DETECTED IN SOILS, CEASE OPERATIONS AND NOTIFY OPP AND EHS IMMEDIATELY.

EXISTING LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING TREES
- EXISTING CURB
- EXISTING SIDEWALK

DEMOLITION LEGEND

- LIMIT OF SITE DEMOLITION
- RIGHT OF WAY AREA TO BE VACATED
- UTILITY LINE TO BE REMOVED
- BUILDING TO BE REMOVED
- LIMIT OF CURB AND SIDEWALK RECONSTRUCTION
- EXISTING PROPERTY LINE TO BE REMOVED

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE061804

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

DEMOLITION PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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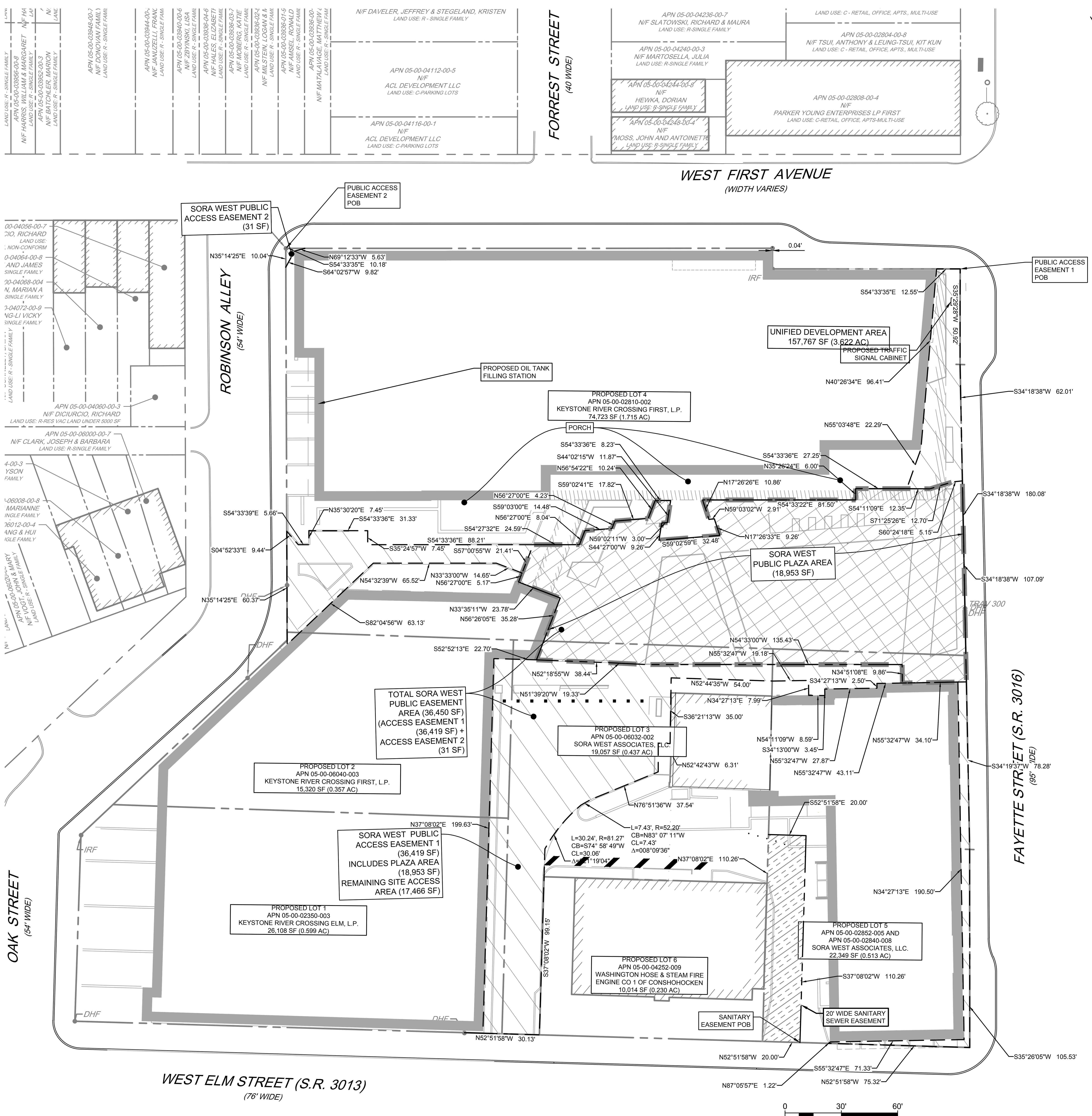
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS0501

SHEET 4 OF 24

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS0501.dwg PLOTTED: 10/21/2020 1:09 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----



DETAIL- PROPOSED EASEMENT LAYOUT
1" = 30'

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT: KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NOTES:

1. A BLANKET EASEMENT WITHIN THE SITE SHALL BE PROVIDED TO THE BOROUGH FOR ACCESS TO STORMWATER MANAGEMENT FACILITIES.

OWNER/DEVELOPER'S CERTIFICATION (KEYSTONE RIVER CROSSING FIRST, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP)
BY: KEYSTONE RIVER CROSSING FIRST GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, ITS GENERAL PARTNER
BY: KEYSTONE RIVER CROSSING FIRST GENERAL, INC., A PENNSYLVANIA CORPORATION, ITS GENERAL PARTNER

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________
TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE ____ DAY OF DECEMBER, 2020 BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED _________________, AS ________________________ OF KEYSTONE RIVER CROSSING FIRST GENERAL, INC., A PENNSYLVANIA CORPORATION, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING FIRST GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING FIRST, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITIES.

____
NOTARY PUBLIC

OWNER/DEVELOPER'S CERTIFICATION (KEYSTONE RIVER CROSSING ELM, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP)
BY: KEYSTONE RIVER CROSSING ELM GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, ITS GENERAL PARTNER
BY: KEYSTONE RIVER CROSSING ELM GENERAL, INC., A PENNSYLVANIA CORPORATION, ITS GENERAL PARTNER

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________
TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE______DAY OF DECEMBER, 2020, BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ________________, AS ______________________ OF KEYSTONE RIVER CROSSING ELM GENERAL, INC., A PENNSYLVANIA CORPORATION, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING ELM GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING ELM, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITIES.

____
NOTARY PUBLIC

OWNER/DEVELOPER'S CERTIFICATION (SORA WEST ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY)

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________
TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE ____ DAY OF DECEMBER, 2020, BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ____________________, AS ______________________ OF SORA WEST ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITY.

____
NOTARY PUBLIC

RECORDER OF DEEDS

RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF MONTGOMERY COUNTY IN NORRISTOWN, PENNSYLVANIA IN PLAN BOOK ________ PAGE ________ ON THE ____________________ DAY OF __ ________________, 20_______.

____
RECORDER OF DEEDS

SURVEYOR CERTIFICATION:

I, ______________________, ON THIS DATE __________________, HEREBY CERTIFY THAT THIS PLAN REPRESENTS THE SURVEY PREPARED BY PENNONI ASSOCIATES ON 5/21/2014, THE EXISTING MONUMENTS SHOWN EXIST AS LOCATED, AND THAT THE DIMENSIONS AND GEODETIC DETAILS ARE CORRECT.

MCPC APPLICATION # 15-0254-008

PROCESSED and REVIEWED. A report has been prepared by the Montgomery County Planning Commission in accordance with the Municipalities Planning Code.

Certified this date ____________________

____
For the Director

Montgomery County Planning Commission

BOROUGH SIGNATURES

APPROVED BY THE BOROUGH COUNCIL OF THE BOROUGH OF CONSHOHOCKEN THIS ____ DAY OF _____________, 20____

PRESIDENT
____
ATTEST ______________________ SECRETARY ______________________
ENGINEER
____

LEGEND

EXISTING

PROPERTY LINE
RIGHT OF WAY LINE OFFSITE
ADJACENT PROPERTY LINE

PROPOSED PROPERTY LINE
PROPOSED EASEMENT
PROPOSED PUBLIC ACCESS EASEMENT
PROPOSED PLAZA AREA
PROPOSED PLAZA AREA

PROPOSED

MON — PROPOSED MONUMENT
IP — PROPOSED IRON PIN
N 82°09'36" E 127.70' — EXISTING PROPERTY LINE TO BE REMOVED
N37°19'28"E 99.38' — EXISTING PROPERTY LINE TO REMAIN
N37°26'47"E 96.95' — PROPOSED PROPERTY LINE

PUBLIC EASEMENT AREA

	PUBLIC PLAZA AREA	REMAINING ACCESS AREA	TOTAL
ACCESS EASEMENT 1	18,953 SF	17,466 SF	36,419 SF
ACCESS EASEMENT 2	0 SF	31 SF	31 SF
TOTAL	18,953 SF	17,497 SF	36,450 SF

Pennoni
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1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL CARL ANTHONY ST PIERRE ENGINEER No. PE061604

SORA WEST

FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

EASEMENT PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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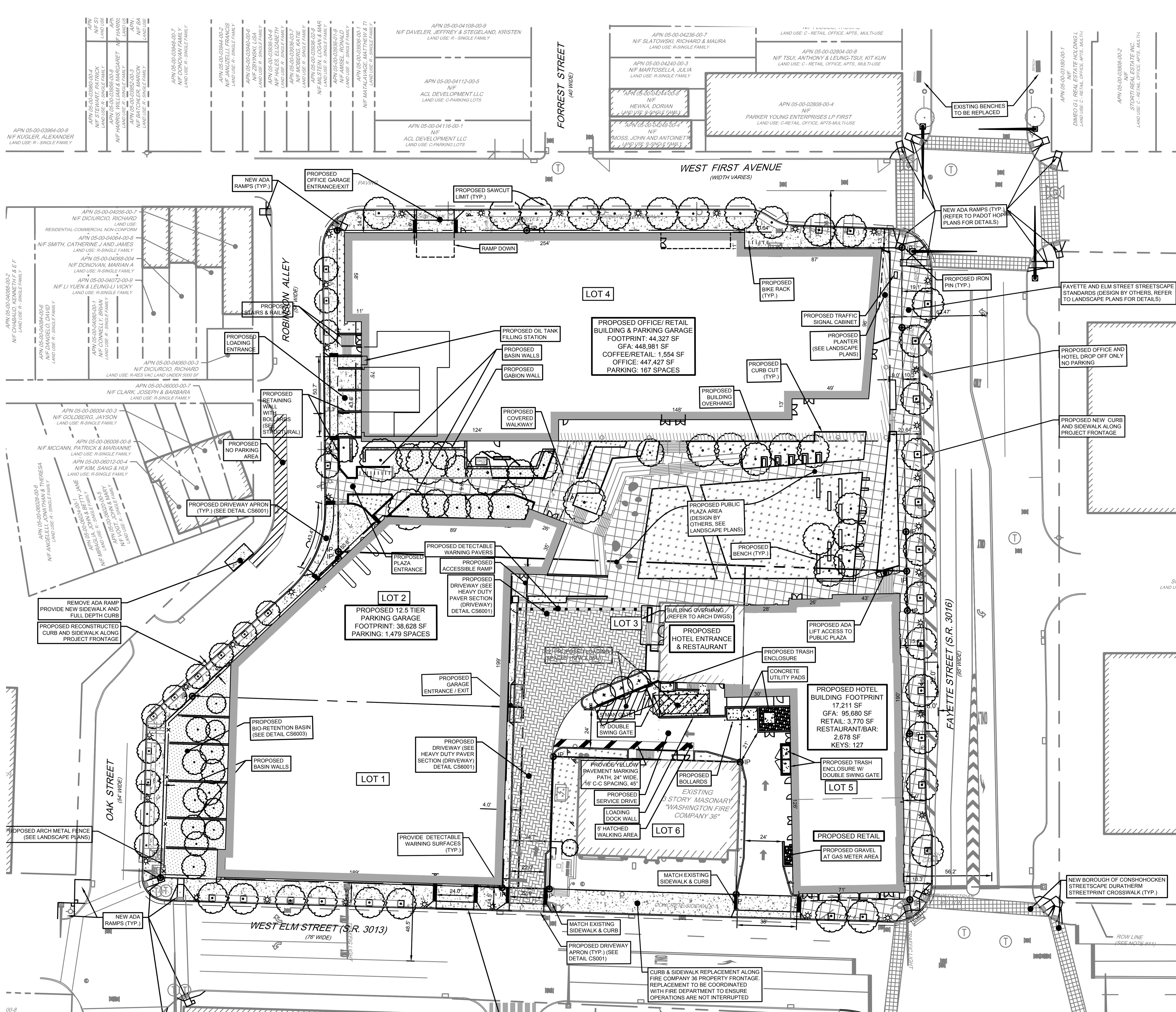
PROJECT	KEYP1401
DATE	12/17/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS0802
RECORD PLAN 3 OF 3
SHEET 5 OF 24

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS0802.dwg PLOTTED: 10/21/2020 4:22 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ---



NOTE:
PARCELS LISTED BELOW ASSESSED
WITH APN 05-00-02350-003:
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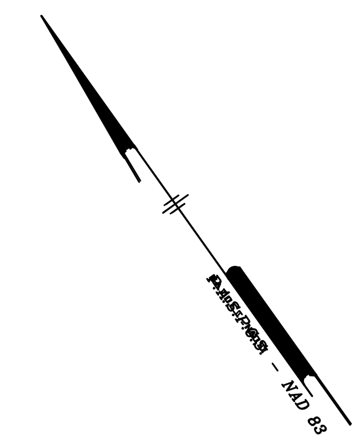
05-00-02564-10-4
05-00-02892-00-1
05-00-07430-10-7



LEGEND

EXISTING

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING TREES
- EXISTING CURB
- EXISTING SIDEWALK

PROPOSED

- PROPOSED CONCRETE
- PROPOSED CROSSWALK
- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- MON PROPOSED MONUMENT
- IP PROPOSED IRON PIN
- BUILDING OVERHANG
- PROPOSED PLAZA HARDSCAPE
- PROPOSED DRIVEWAY PAVERS
- PROPOSED WALL
- PROPOSED LANDSCAPE AREA
- PROPOSED GREEN ROOF
- PROPOSED TREE
- BOROUGH STANDARD UNIT PAVER
- PROPOSED LIGHT

OWNER/DEVELOPER'S CERTIFICATION (KEYSTONE RIVER CROSSING FIRST, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP)
BY: KEYSTONE RIVER CROSSING FIRST GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, ITS GENERAL PARTNER
BY: KEYSTONE RIVER CROSSING FIRST GENERAL, INC., A PENNSYLVANIA CORPORATION, ITS GENERAL PARTNER

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________

TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE ____ DAY OF DECEMBER, 2020 BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ________________, AS ________________________ OF KEYSTONE RIVER CROSSING FIRST GENERAL, INC., A PENNSYLVANIA CORPORATION, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING FIRST GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING FIRST, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITIES.

____
NOTARY PUBLIC

OWNER/DEVELOPER'S CERTIFICATION (KEYSTONE RIVER CROSSING ELM, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP)
BY: KEYSTONE RIVER CROSSING ELM GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, ITS GENERAL PARTNER
BY: KEYSTONE RIVER CROSSING ELM GENERAL, INC., A PENNSYLVANIA CORPORATION, ITS GENERAL PARTNER

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________

TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE______DAY OF DECEMBER, 2020, BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ________________, AS ________________________ OF KEYSTONE RIVER CROSSING ELM GENERAL, INC., A PENNSYLVANIA CORPORATION, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING ELM GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING ELM, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITIES.

NOTARY PUBLIC

____

OWNER/DEVELOPER'S CERTIFICATION (SORA WEST ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY)

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS. TITLE: ______________________
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE ____ DAY OF DECEMBER, 2020, BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ____________________, AS ________________________ OF SORA WEST ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITY.

____
NOTARY PUBLIC

ZONING REQUIREMENTS-NEW SP-4 (SPECIALLY PLANNED)
ZONING DISTRICT-SORA WEST-WEST ELM OFFICE

BOROUGH OF CONSHOHOCKEN ZONING CODE-CHAPTER 27- PROPOSED NEW ZONING DISTRICT SPECIALLY PLANNED-4 (SP-4)				
PROPOSED UNIFIED DEVELOPMENT AREA 157,821 SF (3.623 ACRES) PROPOSED USES: UNIFIED DEVELOPMENT INCLUDING PARKING GARAGE, OFFICE, RETAIL, RESTAURANTS, HOTEL				
SECTION			REQUIRED/ALLOWABLE	PROPOSED
27-2202	USE REGULATIONS		RETAIL/OFFICE/ RESTAURANTS/ PARKING GARAGE	RETAIL/OFFICE/ RESTAURANTS/ PARKING GARAGE
27-2203	DIMENSIONAL STANDARDS	MINIMUM TRACT AREA	95,000 SF	157,241 SF
		MINIMUM LOT AREA	2,500 SF	157,241 SF
		MINIMUM LOT WIDTH	25	359'
		MINIMUM SETBACK FROM PERIMETER STREETS	0'	0'
		MINIMUM SETBACK FROM INTERIOR STREETS (NOT INCLUDING DRIVEWAYS)	10'	N/A
		MINIMUM BUILDING SEPARATION	0'	20'
		MAX. BUILDING COVERAGE	95%	64%
		MAX. IMPERVIOUS COVERAGE	95%	88%
		FAR (EXCLUDING GARAGES)	5	TOTAL GFA = 544,661 RATIO = 3.46
		MIN PUBLIC GATHERING SPACE	*10% (15,750 SF)	*12% (18,953 SF)
		MIN CONTIGUOUS GREEN SPACE COVERAGE	*35% OF REQUIRED PUBLIC GATHERING SPACE (5,512 SF)	*53.6% (10,152 SF)
		MINIMUM HEIGHT	2 STORIES	2 STORIES
		MAXIMUM BUILDING HEIGHT	190'	OFFICE: 187' HOTEL: 77'
		MAXIMUM WALL HEIGHT	13'	13'

* REQUIRED PERCENTAGE BASED ON ENTIRE UNIFIED DEVELOPMENT.

PARKING AND LOADING REQUIREMENTS

SECTION	REQUIRED ALLOWABLE	REQUIRED (ZONING)	REQUIRED (W/ CREDITS)	PROPOSED
27-2206	OFFICE USE (3/1000 SF)	1,343	1,152	1,388
	RETAIL USE (1/250 SF)	22	15	15 (INCLUDED W/ 150 PUBLIC)
	HOTEL USE (1.25 PER ROOM)	159	94	96
	RESTAURANT USE (1/150 SF)	27	14	14 (INCLUDED W/ 150 PUBLIC)
	TOTAL	1,551	1,257	*1646
27-2208	RETAIL LOADING: (UP TO 20,000SF GFA-1 SPACE) HOTEL, OFFICE, RESTAURANT:(OVER 300,000 UP TO 500,000 GFA-3 SPACES) + 1 SPACE FOR 200,000 SF ADDITIONAL	1 (3,770 SF) 4 (580,994 SF)	N/A N/A	1 5
	MINIMUM LOADING DIMENSION (12'W X 35'L X 14'H)	12'W X 35'L X 14'H		12'W X 35'L X 14'H

* 12 FIRST RESPONDER SPACES WITHIN GARAGE INCLUDED IN TOTAL PARKING COUNT

ENGINEER CERTIFICATION:

I, ____________________, ., ON THIS DATE ________________, HEREBY CERTIFY THAT THIS SITE PLAN MEETS THE BOROUGH OF CONSHOHOCKEN SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.

____

BOROUGH SIGNATURES

APPROVED BY THE BOROUGH COUNCIL OF THE BOROUGH OF CONSHOHOCKEN THIS ____ DAY OF ____________, 20____

PRESIDENT

ATTEST ____________________ SECRETARY ____________________

ENGINEER ____________________

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT: KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

RECORDER OF DEEDS

RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF MONTGOMERY COUNTY IN NORRISTOWN, PENNSYLVANIA IN PLAN BOOK ________ PAGE ________ ON THE ____________________ DAY OF ____________________, 20________.

____
RECORDER OF DEEDS

MCPC APPLICATION # 15-0254-008

PROCESSED and REVIEWED. A report has been prepared by the Montgomery County Planning Commission in accordance with the Municipalities Planning Code.

Certified this date ____________________

____
For the Director

Montgomery County Planning Commission

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE081804

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

SITE & RECORD PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1" = 50'
DRAWN BY	SWC
APPROVED BY	CAS

CS1001
RECORD PLAN 1 OF 3
SHEET 6 OF 24

CONDITIONS OF PRIOR APPROVAL:

THE BOROUGH COUNCIL OF THE BOROUGH OF CONSHOHOCKEN HEREBY GRANTS PRELIMINARY AND FINAL APPROVAL OF THE PLAN SUBJECT TO COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS:

1. APPLICANT SHALL REVISE THE PLANS TO COMPLY IN ALL RESPECTS WITH EACH AND EVERY REQUIREMENT OF THE CONSHOHOCKEN CODE OF ORDINANCES, SPECIFICALLY, BUT NOT LIMITED TO, THE SALDO (CHAPTER 22), THE CONSHOHOCKEN BOROUGH ZONING ORDINANCE OF 2001 (CHAPTER 27), THE CONSHOHOCKEN BOROUGH STORMWATER MANAGEMENT ORDINANCE (CHAPTER 19), AND ANY AND ALL OTHER MUNICIPAL ORDINANCES AND REGULATIONS AND THE LAWS AND REGULATIONS OF EVERY LEVEL OF GOVERNMENT HAVING JURISDICTION OVER ANY ASPECT OF THIS PROPERTY, EXCEPT TO THE EXTENT WAIVED BY THIS RESOLUTION.
2. THE APPLICANT SHALL COMPLY WITH ALL COMMENTS IN THE REVIEW LETTER DATED OCTOBER 10, 2018, PREPARED BY GILMORE & ASSOCIATES, INC., ATTACHED HERETO AS EXHIBIT "G", UNLESS OTHERWISE WAIVED BY THE TERMS OF THIS RESOLUTION.
3. THE APPLICANT SHALL COMPLY WITH ALL COMMENTS IN THE REVIEW LETTER DATED OCTOBER 11, 2018, PREPARED BY THE BOROUGH ZONING OFFICER, ATTACHED HERETO AS EXHIBIT "H", EXCEPT AS OTHERWISE SET FORTH IN THIS RESOLUTION.
4. THE APPLICANT SHALL COMPLY WITH ALL COMMENTS IN THE REVIEW LETTER DATED OCTOBER 11, 2018 FROM THE BOROUGH TRAFFIC ENGINEER, ATTACHED HERETO AS EXHIBIT "I", EXCEPT AS OTHERWISE SET FORTH IN THIS RESOLUTION.
5. THE APPLICANT SHALL OBTAIN THE APPROVAL OF THE BOROUGH FIRE MARSHAL FOR THE PROPOSED EMERGENCY ACCESS THROUGHOUT THE PROPERTY.
6. THE APPLICANT SHALL OBTAIN THE APPROVAL OF THE BOROUGH ADMINISTRATION AND WASHINGTON FIRE COMPANY NO. 1 FOR THE PROPOSED CONSTRUCTION SEQUENCING AND/OR PLANNING TO ENSURE THAT THE FIRE COMPANY'S FIREFIGHTING AND EMERGENCY RESPONSE OPERATIONS ARE NOT INTERRUPTED DURING CONSTRUCTION.
7. THE APPLICANT SHALL PROVIDE FOR ADA ACCESSIBLE ACCESS THROUGHOUT THE PUBLIC AREAS OF THE PROPERTY, SUBJECT TO THE APPROVAL OF THE BOROUGH ENGINEER AND THE BOROUGH'S DEPARTMENT OF LICENSES AND INSPECTIONS, INCLUDING, BUT NOT LIMITED TO, AN ADA LIFT ALONG FAYETTE STREET AS SHOWN ON THE PLAN, AND A DIRECT ADA ACCESSIBLE ROUTE FROM THE PARKING GARAGE TO THE PUBLIC PLAZA AREA.
8. THE APPLICANT SHALL ENTER INTO AN AGREEMENT WITH THE BOROUGH FOR THE PROVISION OF PUBLIC PARKING TO REPLACE THOSE PARKING SPACES CURRENTLY SUBJECT TO A LICENSE AGREEMENT BETWEEN THE BOROUGH AND APPLICANT (AND/OR ITS AFFILIATES), FOR PUBLIC PARKING BETWEEN THE HOURS OF 6:00 PM AND 2:00 AM, MONDAY THROUGH SUNDAY, AT NO COST TO THE BOROUGH, WHICH SHALL BE WRITTEN TO EXPIRE UPON COMPLETION AND OCCUPANCY OF THE NEW PARKING GARAGE SHOWN ON THE PLAN.
9. THE APPLICANT SHALL ENTER INTO AN AGREEMENT WITH THE BOROUGH FOR THE PUBLIC PARKING WITHIN THE NEW GARAGE, AS REQUIRED BY THE MAY 17, 2017 DECISION AND ORDER OF BOROUGH COUNCIL, WHICH WRITTEN AGREEMENT SHALL PROVIDE THAT THE 150 PUBLIC PARKING SPACES REQUIRED BY THAT DECISION AND ORDER SHALL BE SUBJECT TO HOUR LIMITATIONS (AND SUCH OTHER PROVISIONS AS ARE AGREED TO BETWEEN THE PARTIES AND ARE NECESSARY TO IMPLEMENT THE INTENT IN PROVIDING THIS PUBLIC PARKING) AND ENFORCED BY THE BOROUGH, THE APPLICANT AND THEIR DESIGNEES. THE APPLICANT SHALL BE PERMITTED TO USE A PORTION OF THE 150 PUBLIC PARKING SPACES TO SATISFY THE PARKING REQUIREMENT FOR THE RETAIL AND RESTAURANT CUSTOMERS AND EMPLOYEES, AS SET FORTH IN THE PARKING ASSESSMENT PREPARED BY TRAFFIC PLANNING AND DESIGN, INC., DATED AUGUST 16, 2018, WHICH CUSTOMERS AND EMPLOYEES SHALL BE SUBJECT TO THE PARKING REGULATIONS SET FORTH IN THE WRITTEN AGREEMENT REQUIRED BY SENTENCE 1 OF THIS PARAGRAPH.
10. THE APPLICANT HAS ACKNOWLEDGED THAT THE OFFICE TENANT REQUIRES MORE THAN THE MINIMUM NUMBER OF PARKING SPACES REQUIRED UNDER THE BOROUGH'S ZONING ORDINANCE FOR SUCH USE. THE APPLICANT SHALL PERFORM A PARKING DEMAND STUDY THREE-YEARS AFTER FULL OCCUPANCY OF THE UNIFIED DEVELOPMENT, AND EVERY THREE-YEARS THEREAFTER, THE SCOPE AND METHODOLOGY OF WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE BOROUGH TRAFFIC ENGINEER. WHILE THE APPLICANT SHALL ALWAYS PROVIDE THE MINIMUM NUMBER OF PARKING SPACES REQUIRED BY THE ZONING ORDINANCE, IF THE OFFICE TENANT DETERMINES, IN ITS SOLE DISCRETION, THAT IT NO LONGER REQUIRES THE OVERAGE IN PARKING CURRENTLY PROVIDED UNDER THEIR LEASE, THEN THE APPLICANT SHALL NEGOTIATE IN GOOD FAITH WITH THE BOROUGH FOR THE PROVISION OF ADDITIONAL PUBLIC PARKING SPACES IN THE GARAGE DURING PEAK HOURS, WHICH PUBLIC PARKING SHALL BE SUBJECT TO THE PARKING AGREEMENT REQUIRED BY THIS RESOLUTION. IT IS UNDERSTOOD BY THE BOROUGH THAT THE REDUCTION OF PARKING DESIGNATED TO THE OFFICE TENANT SHALL REQUIRE THE WRITTEN APPROVAL OF THE OFFICE TENANT, WHICH APPLICANT AGREES TO EXERCISE A GOOD FAITH EFFORT IN OBTAINING. THIS CONDITION IS AN ACKNOWLEDGEMENT OF THE REPRESENTATIONS MADE BY BOTH THE APPLICANT AND OFFICE TENANT, AS WELL AS THE TRANSPORTATION DEMAND MANAGEMENT (TDM) PLAN SUBMITTED WITH THE APPLICATION, THAT THE OFFICE TENANT WILL SEEK TO ENCOURAGE TRANSPORTATION ALTERNATIVES TO AUTOMOBILES.
11. THE APPLICANT SHALL ENTER INTO AN AGREEMENT WITH THE BOROUGH FOR USE OF THE PUBLIC PLAZA AREA BY THE BOROUGH AND THE PUBLIC. THE AGREEMENT SHALL PROVIDE THAT APPLICANT SHALL BE SOLELY RESPONSIBLE FOR MAINTENANCE OF THE PUBLIC PLAZA AREA.
12. THE APPLICANT SHALL EXECUTE EASEMENT AGREEMENTS WITH THE BOROUGH TO PROVIDE FOR PUBLIC ACCESS TO, FROM, AND THROUGHOUT THE PUBLIC AREAS OF THE PROPERTY, INCLUDING THE PUBLIC PLAZA AND PARKING GARAGE. THE AGREEMENT SHALL PROVIDE THAT THE APPLICANT IS SOLELY RESPONSIBLE FOR MAINTENANCE OF THE EASEMENT AREAS.
13. THE APPLICANT SHALL PROVIDE A LOGISTICS PLAN SATISFACTORY TO THE BOROUGH'S DEPARTMENT OF LICENSES AND INSPECTIONS TO DEMONSTRATE THAT THE PUBLIC PLAZA AREA LOCATED BETWEEN THE BREW PUB AND THE BREW PUB SEATING AREA WILL REMAIN CLEAR AND UNIMPEDED FOR PUBLIC ACCESS.
14. ALL PUBLIC AREAS ON THE PROPERTY, INCLUDING THE PUBLIC PLAZA AREA, THOSE AREAS SUBJECT TO EASEMENT AGREEMENTS WITH THE BOROUGH, AND THE PUBLIC PARKING AREA, SHALL BE NON-SMOKING AREAS, AND SHALL BE SIGNED AS SUCH BY THE APPLICANT.
15. THE APPLICANT SHALL PROVIDE FACADE SCREENING ON, AT A MINIMUM, THE FAYETTE STREET, ELM STREET, AND WEST FIRST AVENUE (FACING THE OFFICE BUILDING) PARKING GARAGE FACADES. MATERIAL MODIFICATION TO THE FACADE SCREENING FOR THE PARKING GARAGE AS SHOWN ON THE PLAN SHALL BE SUBJECT TO THE APPROVAL OF THE BOROUGH.
16. THE APPLICANT SHALL PROVIDE WAYFINDING SIGNAGE THROUGHOUT AND ALONG THE PROPERTY, SUBJECT TO THE APPROVAL OF THE BOROUGH.
17. MATERIAL MODIFICATION TO THE DESIGN OF THE PUBLIC PLAZA AREA AS SHOWN ON THE PLAN SHALL BE SUBJECT TO THE APPROVAL OF THE BOROUGH.
18. THE ACCESSIBLE ROUTE FROM THE PROPERTY TO THE SEPTA TRAIN STATION, AND THE IMPROVEMENTS REQUIRED TO EFFECTUATE THAT ACCESSIBLE ROUTE, AS REQUIRED BY PENNDOT, SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE BOROUGH ENGINEER IF NOT REVIEWED AND APPROVED BY PENNDOT.
19. THE APPLICANT'S CONSTRUCTION SEQUENCING AND LOGISTICAL PLAN, INCLUDING PEDESTRIAN DETOURS AND TRUCK TRAFFIC TO AND FROM THE SITE DURING CONSTRUCTION, SHALL BE APPROVED BY BOROUGH ADMINISTRATION.
20. THE APPLICANT SHALL EXECUTE A STORM WATER OPERATIONS AND MAINTENANCE AGREEMENT, IN A FORM DEEMED ACCEPTABLE TO THE BOROUGH SOLICITOR, TO GUARANTEE THE MAINTENANCE OF ANY AND ALL STORM WATER FACILITIES CONTEMPLATED IN THE DEVELOPMENT OF THE PLAN.
21. THE APPLICANT SHALL EXECUTE A LAND DEVELOPMENT AND ESCROW AGREEMENT FOR THE PROJECT SATISFACTORY TO THE BOROUGH SOLICITOR, PRIOR TO THE ISSUANCE OF ANY BUILDING PERMITS, AND SHALL POST SUCH ESCROWS AS MAY BE REQUIRED BY THE BOROUGH TO DEFER THE ADMINISTRATIVE, LEGAL, ENGINEERING AND INSPECTION COSTS ASSOCIATED WITH THE PLAN.
22. APPLICANT SHALL OBTAIN AND PROVIDE COPIES OF ANY AND ALL APPLICABLE PERMITS AND APPROVALS FROM ANY AND ALL GOVERNMENT AGENCIES WHICH MAY HAVE JURISDICTION OVER THIS PLAN, INCLUDING, BUT NOT LIMITED TO, PENN DOT, THE MONTGOMERY COUNTY CONSERVATION DISTRICT, AND THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION. IN THE EVENT THAT AN APPROVAL OR PERMIT ISSUED BY ANY OUTSIDE AGENCY SHALL REQUIRE A SUBSTANTIAL OR SIGNIFICANT REDESIGN OR REVISION TO THE FEATURES DEPICTED ON THE PLAN, THEN THE BOROUGH SHALL RETAIN THE RIGHT TO REQUIRE THE RESUBMISSION OF AN AMENDED PLAN FOR CONSIDERATION UNDER THE APPLICABLE TERMS AND CONDITIONS OF THE BOROUGH OF CONSHOHOCKEN ZONING ORDINANCE OF 2001, THE BOROUGH OF CONSHOHOCKEN SUBDIVISION AND LAND DEVELOPMENT ORDINANCE, THE BOROUGH OF CONSHOHOCKEN STORMWATER MANAGEMENT ORDINANCE, AND OTHER ORDINANCES OF CONSHOHOCKEN BOROUGH.
23. THE APPLICANT SHALL SATISFY ANY AND ALL OUTSTANDING INVOICES FROM THE BOROUGH RELATIVE TO THE REVIEW AND APPROVAL OF THE PLAN, AND SHALL POST SUCH ESCROW AS REQUIRED BY THE BOROUGH TO SECURE THE PUBLIC IMPROVEMENTS PROPOSED ON THE PLAN, AS WELL AS TO DEFER THE ADMINISTRATIVE, ENGINEERING AND LEGAL EXPENSES INCURRED BY THE BOROUGH FOR THE CONSTRUCTION AND INSPECTION OF ANY PUBLIC IMPROVEMENTS PROPOSED ON THE PLAN.
24. THE APPLICANT SHALL ABIDE BY ALL OF THE TERMS AND CONDITIONS OF THIS RESOLUTION, AND SHALL DEMONSTRATE COMPLIANCE WITH EACH AND EVERY CONDITION, UNLESS OTHERWISE PROVIDED, PRIOR TO THE ISSUANCE OF ANY BUILDING OR OTHER PERMITS FOR THIS PROJECT PURSUANT TO THE PLAN.
25. THE APPLICANT IS GRANTED THE FOLLOWING WAIVERS, CONDITIONED ON APPROVAL SET FORTH IN RESOLUTION 27 OF 2018, AND THE FOREGOING CONDITIONS AND AS SET FORTH BELOW:
    - A WAIVER FROM §22-308. A TO PERMIT SIMULTANEOUS APPLICATION FOR PRELIMINARY AND FINAL LAND DEVELOPMENT APPROVAL;
    - A WAIVER FROM §22-404.2.F TO PERMIT 6 DRIVEWAYS/LOADING ENTRANCES ALONG THE 4 STREET FRONTAGES OF THE PROPERTY, AS SHOWN ON THE PLAN;
    - A WAIVER FROM §22-404.2B TO PERMIT DRIVEWAYS WITH A WIDTH GREATER THAN THE MAXIMUM WIDTH OF 25 FEET FOR THE FOLLOWING LOCATIONS, AS SHOWN ON THE PLAN:
    - THE HOTEL DRIVEWAY ON ELM STREET,
    - THE LOADING DOCK DRIVEWAY ON ROBINSON ALLEY, AND
    - THE GARAGE ENTRANCE ALONG ROBINSON ALLEY;
    - A WAIVER FROM §22-404.3.F(7) TO PERMIT THE FOLLOWING PARKING AREA DIMENSIONS:
    - 8' WIDE PARALLEL PARKING ON FAYETTE STREET TO MATCH CURRENT PARKING STALL SIZE,
        - 8-8.5' WIDE PARKING WITHIN GARAGE AND LONG FIREHOUSE,
    - VALET DRIVE AISLE BENEATH HOTEL OF LESS THAN 24' WIDTH, AND
    - 75 DEGREE ANGLED PARKING WITHIN THE PARKING GARAGE;
    - A WAIVER FROM §22-404.3H TO PERMIT NO SCREENING FOR THE LOADING AREA ALONG ROBINASON ALLEY; SUBJECT TO THE REQUIREMENT THAT TRUCKS USING THE LOADING AREA BE PULLED ALL THE WAY IN TO THE LOADING DOCK AND THAT THE LOADING DOCK DOORS BE CLOSED;
    - A WAIVER FROM §22-405.1.C TO PERMIT THE FOLLOWING SIDEWALK WIDTHS INSTEAD OF THE MINIMUM REQUIRED 15 FOOT WIDTH:
    - 6.5 FEET ALONG OAK STREET AND ROBINSON ALLEY,
    - 11.7 FEET ALONG FIRST AVENUE,
    - 15 FEET ALONG FAYETTE STREET, AND
    - 14.5 FEET ALONG ELM STREET;
    - A WAIVER §22-405.1G TO PERMIT SIDEWALKS WITHIN FAYETTE STREET RIGHT- OF-WAY TO BE DESIGNED CONSISTENT WITH THE PUBLIC PLAZA AREA, SUBJECT TO THE REQUIREMENT THAT THE DESIGN BE APPROVED BY THE BOROUGH;
    - A WAIVER FROM §22-405.2.A TO PERMIT A 6 INCH CURB REVEAL INSTEAD OF THE MINIMUM REQUIRED 8 INCH CURB REVEAL;
    - A WAIVER FROM §22-409.1.D TO PERMIT SIDEWALK SLOPES GENERALLY CONFORMING TO THE EXISTING ROADWAY SLOPES INSTEAD OF THE MAXIMUM PERMITTED 5% SIDEWALK SLOPES, SUBJECT TO THE APPROVAL OF THE BOROUGH ENGINEER;
    - A WAIVER FROM §22-409.2 TO PERMIT GRADING WITH 3 FEET OF PROPERTY RIGHTS-OF-WAY;
    - A WAIVER FROM §22-410.4.A TO PERMIT DRAINAGE PIPES OF LESS THAN THE MINIMUM 18 INCH DIAMETER FOR DRAINAGE, PROVIDED THE DECREASED DIAMETER IS APPROVED BY THE BOROUGH ENGINEER;
    - A WAIVER FROM §22-421.4 TO PERMIT STREET SHADE TREES WITHIN THE RIGHT- OF-WAY CONSISTENT WITH THE SURROUNDING STREETSCAPE;
    - A WAIVER FROM §22-421.6.C TO PERMIT A MOUNTING HEIGHT OF GREATER THAN 12 FEET FOR PEDESTRIAN LIGHTING; AND
    - A WAIVER FROM §22-421.6.D TO PERMIT PEDESTRIAN LIGHTING TO BE SPACED AT GREATER THAN 50 FEET.
26. ALL RETAINING WALL DESIGNS SUBMITTED TO THE BOROUGH SHALL INCLUDE DETAILS AND DESIGN INFORMATION SUFFICIENT FOR THE BOROUGH TO CONFIRM THAT THE WALLS MEET THE ARTICULATION REQUIREMENTS OF THE ZONING CODE.
27. A BLANKET EASEMENT OVER THE PROPERTY SHALL BE GRANTED TO CONSHOHOCKEN BOROUGH FOR ACCESS TO STORMWATER FACILITIES.

BOROUGH NOTES:

1. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE QUALITY AND CORRECTNESS OF COMPLETED WORK. THE PROPERTY OWNER MAY DESIGNATE A CONTRACTOR, CONSULTANT, OR OTHER AGENT TO COORDINATE INSPECTIONS WITH THE BOROUGH. THE PROPERTY OWNER IS RESPONSIBLE FOR THE ALL OUTSIDE CONSULTANT FEES INCURRED BY THE BOROUGH.
2. ANY COMPLETED WORK THAT DOES NOT COMPLY WITH APPLICABLE STANDARDS SUCH AS THE AMERICANS WITH DISABILITIES ACT (ADA), PENNDOT SPECIFICATIONS AND CONSTRUCTION STANDARDS, OR THE BOROUGH OF CONSHOHOCKEN TYPICAL DETAILS SHALL BE REMOVED AND REPLACED. PROPERTY OWNERS ARE ENCOURAGED TO WITHHOLD PAYMENT FOR WORK PERFORMED UNTIL ALL WORK AND RESTORATIONS ARE ACCEPTED BY THE BOROUGH.
3. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE BOROUGH STORMWATER MANAGEMENT ORDINANCE. SPECIFICALLY, ALL WORK SITES SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF IN ACCORDANCE WITH THE MONTGOMERY COUNTY CONSERVATION DISTRICT REQUIREMENTS. FAILURE TO INSTALL AND MAINTAIN ACCEPTABLE EROSION CONTROLS WILL RESULT IN WORK STOPPAGES AND FINES IN ACCORDANCE WITH THE BOROUGH ORDINANCE.
4. EROSION CONTROL INLET PROTECTION SHALL BE INSTALLED IN THE NEAREST DOWNSTREAM INLET OF ALL WORK SITES. PIPE TRENCHES SHALL BE PUMPED THROUGH A WATER FILTER BAG.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT. THE BOROUGH INSPECTOR WILL VERIFY THAT THE APPROPRIATE CONSTRUCTION DETAILS ARE BEING FOLLOWED AND THAT THE APPROPRIATE METHODS ARE BEING USED. THE BOROUGH INSPECTOR DOES NOT APPROVE ANY PHYSICAL PRODUCT UNTIL WORK IS COMPLETE. ANY PERCEIVED APPROVAL OF LAYOUT, FORMWORK, ETC., DOES NOT ABSOLVE THE CONTRACTOR FROM ENSURING THAT THE FINAL PRODUCT COMPLIES WITH ALL APPLICABLE STANDARDS.
6. ANY EXISTING FEATURES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE OWNER AT NO COST TO THE BOROUGH.
7. EACH BOROUGH FRONTAGE STREET WILL BE REPAIRED OR REPAVED AS NECESSARY FOLLOWING CONSTRUCTION OF THE ON-SITE IMPROVEMENTS.
8. CONTRACTOR SHALL PROVIDE PEDESTRIAN DETOUR PLANS TO BOROUGH STAFF FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION.

CONDITIONAL USE DECISIONS AND ORDERS

1. APPLICANT SHALL PROVIDE NOT LESS THAN 150 PARKING SPACES IN THE PROPOSED PHASE 1 PARKING GARAGE, FOR PUBLIC DURING PEAK HOURS. APPLICANT SHALL OPEN THE REMAINDER OF THE PROPOSED PHASE 1 PARKING GARAGE FOR PUBLIC PARKING DURING OFF-PEAK HOURS (SUBJECT TO RETAINAGE OF CERTAIN PARKING FOR THE EXCLUSIVE OFF-PEAK USAGE OF THE HOTEL, OFFICE, RESTAURANT, AND RETAIL TENANTS IN THE PROJECT.

PENNDOT ADA CURB RAMP REQUIREMENTS:

1. WITH THE PROPOSED MULTI-MODAL TRIP REDUCTION INDICATED IN THE TIS, PROVIDE ADA UPGRADES TO THE PEDESTRIAN PATH FROM THE SITE TO THE CONSHOHOCKEN TRAIN STATION, INCLUDING BUT NOT LIMITED TO CONNECTING THE SIDEWALK ALONG THE WEST SIDE OF HARRY STREET, ADA RAMPS AT THE INTERSECTIONS OF ELM STREET & HARRY STREET, AND RAILROAD STREET & HARRY STREET. (RAILROAD STREET IS ALSO KNOWN AS STODDARD AVENUE. FULLY ENGINEERED ADA CURB RAMPS SHALL BE PROVIDED ON THE FINAL PLAN.

CONDITIONS OF APPROVAL:

1. THE APPLICANT IS GRANTED THE FOLLOWING WAIVERS, CONDITIONED ON APPROVAL SET FORTH IN RESOLUTION 11 OF 2019, AND THE FOREGOING CONDITIONS AND AS SET FORTH BELOW:
- AN AMENDMENT TO THE WAIVER FROM §22-404.2B TO PERMIT A DRIVEWAY WITH WIDTH GREATER THAN THE MAXIMUM WIDTH OF 25 FEET FOR THE LOADING DOCK DRIVEWAY AT ROBINSON ALLEY, INCREASING THE WIDTH FROM 43.6 FEET (UNDER THE ORIGINAL PLAN) TO 50.7 FEET (AMENDED PLAN).

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT: KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

ENGINEER CERTIFICATION:

I, ______________________, ., ON THIS DATE __________________, HEREBY CERTIFY THAT THIS SITE PLAN MEETS THE BOROUGH OF CONSHOHOCKEN SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.

____

BOROUGH SIGNATURES

APPROVED BY THE BOROUGH COUNCIL OF THE BOROUGH OF CONSHOHOCKEN THIS ____ DAY OF ____________, 20____

PRESIDENT ______________________

ATTEST ______________________ SECRETARY ______________________

ENGINEER ______________________

GENERAL NOTES:

1. A FIELD SURVEY OF THE SITE WAS PERFORMED BY PENNONI ASSOCIATES ON 5/21/2014.
2. UNLESS SPECIFICALLY STATED OR SHOWN HEREON TO THE CONTRARY, THIS SURVEY IS MADE SUBJECT TO AND DOES NOT LOCATE OR DELINEATE:
    A. RIGHTS OR INTERESTS OF THE UNITED STATES OF AMERICA OR THE COMMONWEALTH OF PENNSYLVANIA, OVER LANDS NOW OR FORMERLY FLOWED BY TIDEWATER, BUT NO LONGER VISIBLE OR PHYSICALLY EVIDENT, OR LANDS CONTAINING ANY ANIMAL, MARINE, OR BOTANICAL SPECIES REGULATED BY OR UNDER THE JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL AGENCY.
    B. BUILDING SETBACK LINES, ZONING REGULATIONS OR LINES ESTABLISHED BY ANY FEDERAL, STATE OR LOCAL AGENCY WHICH MAY AFFECT THE BUILDING OR DEVELOPMENT POTENTIAL OF THE SUBJECT PROPERTY.
    C. ANY SUBSURFACE OR SUBTERRANEAN CONDITION, EASEMENTS OR RIGHTS, INCLUDING, BUT NOT LIMITED TO MINERAL OR MINING RIGHTS, OR THE LOCATION OF OR RIGHTS TO ANY SUBSURFACE STRUCTURES, CONTAINERS OR FACILITIES OR ANY OTHER NATURAL OR MAN-MADE SUBSURFACE CONDITION WHICH MAY OR MAY NOT AFFECT THE USE OR DEVELOPMENT POTENTIAL OF THE SUBJECT PROPERTY.
3. LOCATIONS OF ON AND OFF SITE UTILITIES AS SHOWN ARE APPROXIMATE AND MAY OR MAY NOT BE COMPLETE. THE NATURE AND EXACT LOCATION OF EXISTING UTILITIES SHOULD BE VERIFIED PRIOR TO INITIATING ANY ACTIVITY THAT MAY AFFECT THEIR USE OR LOCATION.
4. A. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM EXISTING UTILITY RECORDS AVAILABLE AT THE TIME THESE PLANS WERE PREPARED AND FROM SURFACE OBSERVATION OF THE SITE.
    B. COMPLETENESS OR ACCURACY OF LOCATION AND DEPTH OF UNDERGROUND UTILITIES AND STRUCTURES IS NOT GUARANTEED.
    C. IN ACCORDANCE WITH PA ACT 287 OF 1974 AS AMENDED BY PA ACT 121 OF 2008 ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW". THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA VIA THE PENNSYLVANIA ONE CALL SYSTEM, INC. (800-242-1776) A MINIMUM OF 3 WORKING DAYS BEFORE THE START OF EXCAVATION
    D. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND STRUCTURES BEFORE THE START OF WORK.
5. THIS SITE IS CURRENTLY ZONED SP-4, SPECIAL PLANNED DISTRICT 4.
6. PENNSYLVANIA ONE CALL SYSTEM, INC. SERIAL NUMBERS 20173190746, 20141420341, 20141420342, 20141420352, 20141420356, 20141420387, 20141420399 AND 20141420420.
7. VERTICAL DATUM IS BASED ON NAVD 1988
8. HORIZONTAL COORDINATE DATUM IS IN PENNSYLVANIA STATE PLANE COORDINATE SYSTEM SOUTH ZONE, NORTH AMERICAN DATUM 1983 BASED ON GPS OBSERVATION.
9. PROPERTY BOUNDARY INFORMATION BASED ON DEED INFORMATION.
10. THE SITE IS SERVICED BY PUBLIC SEWER.
11. THE SITE IS SERVICED BY PUBLIC WATER.
12. THE SUBJECT PARCEL IS LOCATED WITHIN FLOOD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOODPLAIN) OF THE FEMA FLOOD INSURANCE RATE MAPS.
13. THE AMOUNT OF RETAIL SPACE IS APPROXIMATE AND SUBJECT TO FURTHER ADJUSTMENT BASED ON USER DEMAND.
14. THE SITE ENCOURAGES THE USE OF BICYCLES. BICYCLE FACILITIES WILL BE COORDINATED IN FINAL DESIGN.
15. PROPOSED PARKING SPACES CONSISTANT WITH CONDITION USE APPROVAL
    15.1. BUILD-OUT: 1,646

MCPC APPLICATION # 15-0254-008

PROCESSED and REVIEWED. A report has been prepared by the Montgomery County Planning Commission in accordance with the Municipalities Planning Code.

Certified this date ____________________

____
For the Director

Montgomery County Planning Commission

LOTS AFTER THE ADOPTION OF ROAD VACATION ORDINANCE AND LOT LINE CHANGE				
OWNER	PARCEL NO.	PROP. LOT NO.	AREA (SF)	AREA (AC)
KEYSTONE RIVER CROSSING ELM, L.P.	05-00-02350-003	1	26,108	0.599
KEYSTONE RIVER CROSSING FIRST, L.P.	05-00-06040-003	2	15,530	0.357
SORA WEST ASSOCIATES, LLC.	05-00-06032-002	3	19,057	0.437
KEYSTONE RIVER CROSSING FIRST, L.P.	05-00-02810-002	4	74,723	1.715
SORA WEST ASSOCIATES, LLC.	05-00-02852-005 AND 05-00-02840-008	5	22,349	0.513
WASHINGTON HOSE & STEAM FIRE ENGINE CO1 OF CONSHOHOCKEN	05-00-04252-009	6	10,014	0.230
TOTAL			**167,781**	**3.852**

OWNER/DEVELOPER'S CERTIFICATION (KEYSTONE RIVER CROSSING FIRST, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP)
BY: KEYSTONE RIVER CROSSING FIRST GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, ITS GENERAL PARTNER
BY: KEYSTONE RIVER CROSSING FIRST GENERAL, INC., A PENNSYLVANIA CORPORATION, ITS GENERAL PARTNER

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________

TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE ____ DAY OF DECEMBER, 2020 BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ________________, AS ______________________ OF KEYSTONE RIVER CROSSING FIRST GENERAL, INC., A PENNSYLVANIA CORPORATION, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING FIRST GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING FIRST, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITIES.

____
NOTARY PUBLIC

OWNER/DEVELOPER'S CERTIFICATION (KEYSTONE RIVER CROSSING ELM, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP)
BY: KEYSTONE RIVER CROSSING ELM GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, ITS GENERAL PARTNER
BY: KEYSTONE RIVER CROSSING ELM GENERAL, INC., A PENNSYLVANIA CORPORATION, ITS GENERAL PARTNER

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________

TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE______DAY OF DECEMBER, 2020, BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ________________, AS ______________________ OF KEYSTONE RIVER CROSSING ELM GENERAL, INC., A PENNSYLVANIA CORPORATION, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING ELM GENERAL, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP, WHICH IS THE GENERAL PARTNER IN KEYSTONE RIVER CROSSING ELM, L.P., A PENNSYLVANIA LIMITED PARTNERSHIP; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITIES.

____
NOTARY PUBLIC

OWNER/DEVELOPER'S CERTIFICATION (SORA WEST ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY)

I HEREBY CERTIFY THAT THE PARTY REFERENCED ABOVE IS THE DEVELOPER OF THE LAND HEREIN TO BE DEVELOPED AND THAT I DO HEREBY ADOPT THIS PLAN.

BY: ______________________ NAME: ______________________

TITLE: ______________________

COMMONWEALTH OF PENNSYLVANIA : SS.
COUNTY OF MONTGOMERY :

BE IT REMEMBERED, THAT ON THE ____ DAY OF DECEMBER, 2020, BEFORE ME, THE SUBSCRIBER, PERSONALLY APPEARED ________________, AS ______________________ OF SORA WEST ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY; DESCRIBED IN AND WHICH EXECUTED THE FOREGOING DOCUMENT, AND WHO, I AM SATISFIED, IS THE PERSON WHO SIGNED AND DELIVERED THE SAME IN THE ABOVE STATED CAPACITY ON BEHALF OF THE AFOREMENTIONED ENTITY.

____
NOTARY PUBLIC

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE081804

SORA WEST

FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

SITE & RECORD PLAN NOTES

KEYSTONE PROPERTY GROUP
ONE PRESIDENTIAL BLVD., SUITE 300
BALA CYNWYD, PA 19004

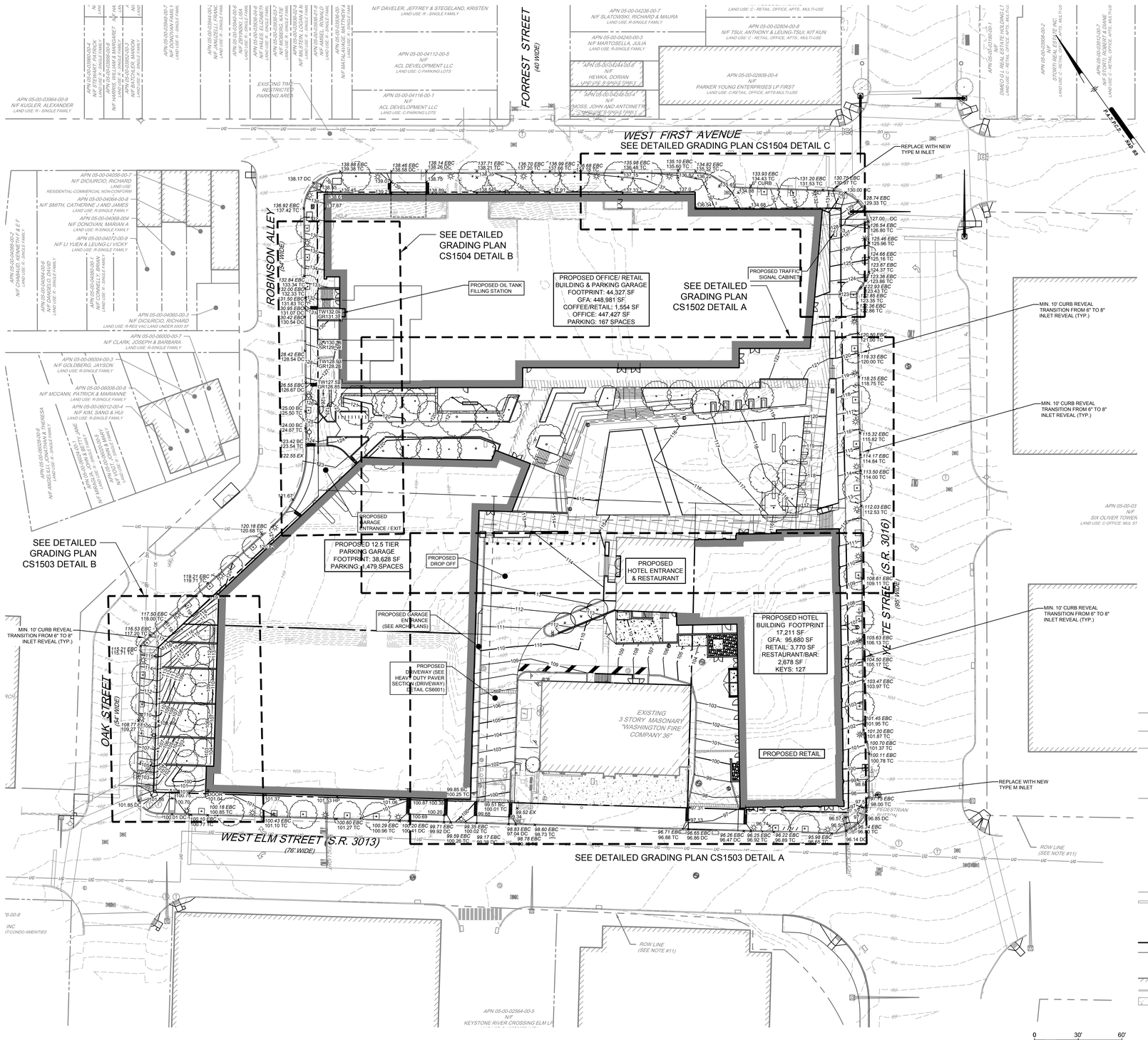
DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT	KEYP1401
DATE	11/28/18
DRAWING SCALE	N.T.S.
DRAWN BY	SWC
APPROVED BY	CAS

CS1002

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS1002.dwg PLOTTED: 10/21/2020 4:23 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----



GRADING NOTES:

1. A GEOTECHNICAL ENGINEER IS REQUIRED TO INSPECT, TEST AND CERTIFY TO THE COMPACTION OF ALL LOAD BEARING FILLS. ALL EXISTING UNDERGROUND UTILITIES SHALL BE REMOVED OR RELOCATED. THE PREPARED SUBGRADE SHALL BE PROOF ROLLED WITH A SMOOTH-DRUM VIBRATING ROLLER TO DELINEATE SOFT/UNSTABLE AREAS AND COMPACT SOILS DISTURBED DURING EXCAVATION OPERATIONS. AREAS WHICH EXHIBIT INSTABILITY SHALL BE UNDERCUT AND REPLACED WITH LOAD-BEARING FILL.
2. MINIMUM PAVEMENT GRADE SHALL BE 1.0% SLOPE UNLESS NOTED OTHERWISE.
3. BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE CONSIDERED AS MINIMUMS FOR RELATIVELY DRY, STABLE EARTH CONDITIONS. ADDITIONAL BEDDING SHALL BE REQUIRED FOR ROCK TRENCHES AND WET AREAS. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.
4. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 95% OF THEORETICAL MAXIMUM DRY DENSITY (ASTM D698). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES IN COMPACTED FILL THICKNESS. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
6. THE CONTRACTOR SHALL PROVIDE ANY AND ALL EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
7. SOILS TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR, SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.
8. CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AREA AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
9. MAXIMUM SIDEWALK CROSS SLOPE IS 2% AND MINIMUM SIDEWALK CROSS SLOPE IS 1.0%.
10. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

LEGEND

EXISTING

LEGEND
- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING CURB
- EXISTING SIDEWALK

PROPOSED

- PROPOSED CONCRETE
- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- MON PROPOSED MONUMENT
- IP PROPOSED IRON PIN
- BUILDING OVERHANG
- PROPOSED PLAZA HARDSCAPE
- PROPOSED DRIVEWAY PAVERS
- PROPOSED WALL
- 100 PROPOSED MAJOR CONTOUR
- 100 PROPOSED MINOR CONTOUR
- PROPOSED TREE
- BOROUGH STANDARD UNIT PAVER
- PROPOSED LIGHT
- PROPOSED UNDERGROUND BASIN
- PROPOSED AREA DRAIN
- PROPOSED INLINE DRAIN
- PROPOSED DRAINAGE MANHOLE
- PROPOSED TRENCH DRAIN
- PROPOSED SANITARY MANHOLE

0 30' 60'

Pennoni

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY SPERRE

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

GRADING PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NO.	DATE	REVISIONS	BY
10	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9	9/30/2020	PENNDOT HOP GRADING COORDINATION	SDS
8	8/3/2020	AMENDED FINAL LAND DEVELOPMENT	SWC

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PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS1501

SHEET 8 OF 24

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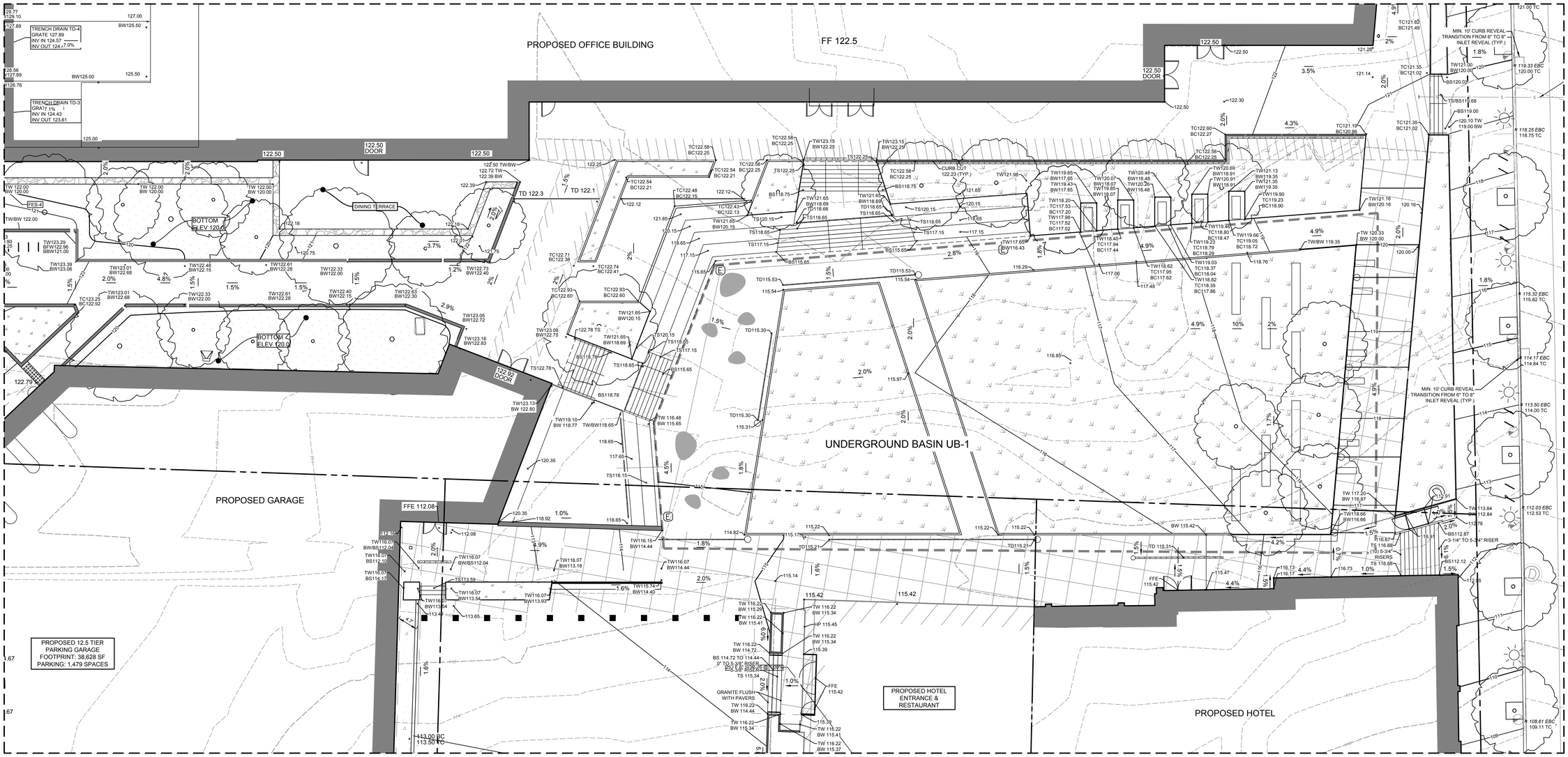

DETAIL A

0 10' 20'

ABBREVIATIONS

TC - TOP OF CURB
BC - BOTTOM OF CURB
GR - GROUND
LP - LOW POINT
TS - TOP OF STAIRS
BS - BOTTOM OF STAIRS
FC - FLUSH CURB
TW - TOP OF WALL
BW - BOTTOM OF WALL
BBW - BOTTOM BACK OF WALL
BFW - BOTTOM FACE OF WALL

LEGEND

EXISTING

LEGEND
SANITARY SEWER MANHOLE
SANITARY SEWER
STORM SEWER MANHOLE
STORM SEWER
STORM SEWER INLET
OVERHEAD COMMUNICATION LINE
LIGHT POLE
UTILITY POLE
POWER MANHOLE
ELECTRICAL EQUIPMENT
WATER PIPE
WATER VALVE
MONITORING WELL
HYDRANT
GAS VALVE
TELECOMM MANHOLE
UNIDENTIFIED MANHOLE
SIGN
BOLLARD
GUARD RAIL
WALL
JUNCTION BOX
HVAC STRUCTURE
FLAG POLE
PROPERTY LINE
RIGHT OF WAY LINE OFFSITE
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING BUILDING OUTLINE
EXISTING CURB
EXISTING SIDEWALK

PROPOSED

PROPOSED CONCRETE
CURB LINE
PROPERTY LINE
RETAINING WALL
SIDEWALK
BUILDING OUTLINE
DEPRESSED CURB
SIGN
MON PROPOSED MONUMENT
IP PROPOSED IRON PIN
BUILDING OVERHANG
PROPOSED PLAZA HARDSCAPE
PROPOSED DRIVEWAY PAVERS
PROPOSED WALL
PROPOSED LANDSCAPE AREA
PROPOSED GREEN ROOF
PROPOSED UNDERGROUND BASIN
PROPOSED AREA DRAIN
PROPOSED INLINE DRAIN
PROPOSED DRAINAGE MANHOLE
PROPOSED TRENCH DRAIN
PROPOSED SANITARY MANHOLE

Pennoni
PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
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T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA CARL A. KRAMER STEFFEE ENGINEER PROFESSIONAL

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

GRADING DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

BY	REVISIONS	DATE	NO.
SWC	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	10/21/2020	10
SDS	PENNDOT HOP GRADING COORDINATION	10/20/2020	9
SWC	AMENDED FINAL LAND DEVELOPMENT	9/3/2020	8

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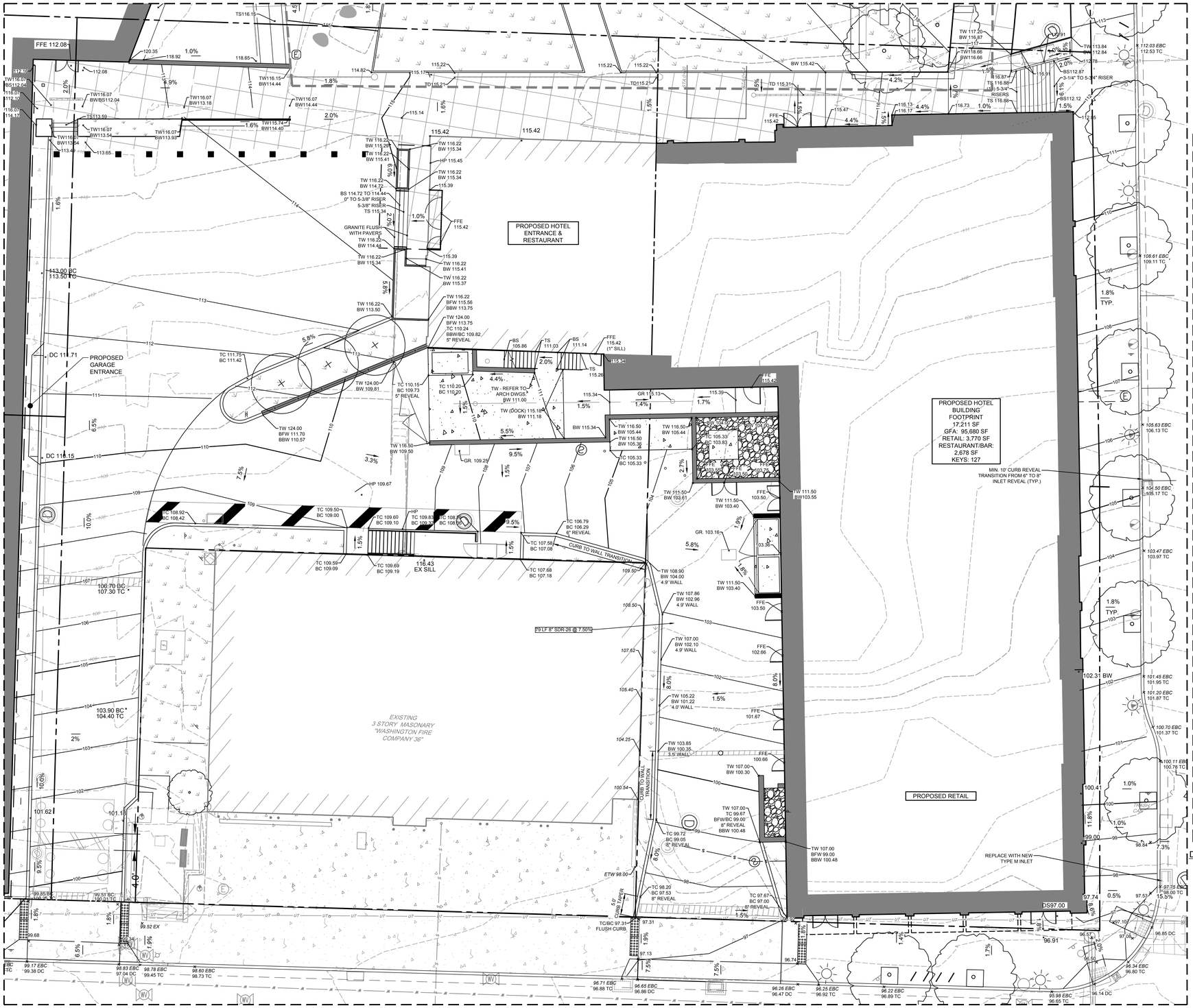
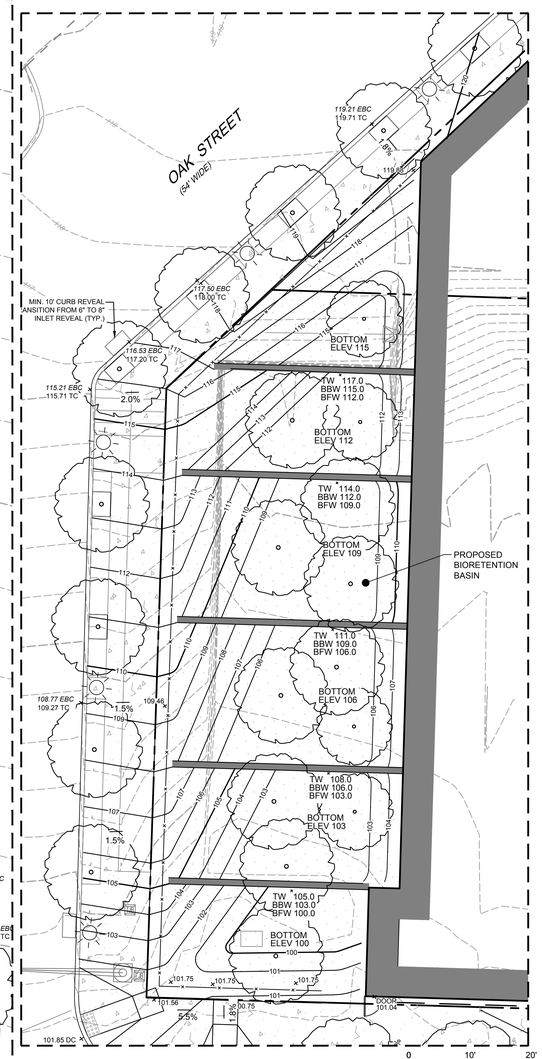
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=10'
DRAWN BY	SWC
APPROVED BY	CAS

CS1502

SHEET 9 OF 24

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS1502.dwg PLOTTED: 10/21/2020 4:29 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni.MCS.stb PROJECT STATUS: —





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FC - FLUSH CURB
TW - TOP OF WALL
BW - BOTTOM OF WALL
BBW - BOTTOM BACK OF WALL
BFW - BOTTOM FACE OF WALL

LEGEND

PROPOSED

- PROPOSED CONCRETE
- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- MON PROPOSED MONUMENT
- IP PROPOSED IRON PIN
- BUILDING OVERHANG
- PROPOSED PLAZA HARDSCAPE
- PROPOSED DRIVEWAY PAVERS
- PROPOSED WALL
- PROPOSED LANDSCAPE AREA
- PROPOSED GREEN ROOF
- PROPOSED UNDERGROUND BASIN
- PROPOSED AREA DRAIN
- PROPOSED INLINE DRAIN
- PROPOSED DRAINAGE MANHOLE
- PROPOSED TRENCH DRAIN
- PROPOSED SANITARY MANHOLE

EXISTING

LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING CURB
- EXISTING SIDEWALK

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
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ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL CARL ANTHONY STIEFEL PENNONI ASSOCIATES INC.

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

GRADING DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NO	DATE	REVISIONS	BY
10	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9	09/2020	PENNDOT HOP GRADING COORDINATION	SDS
8	03/2020	AMENDED FINAL LAND DEVELOPMENT	SWC

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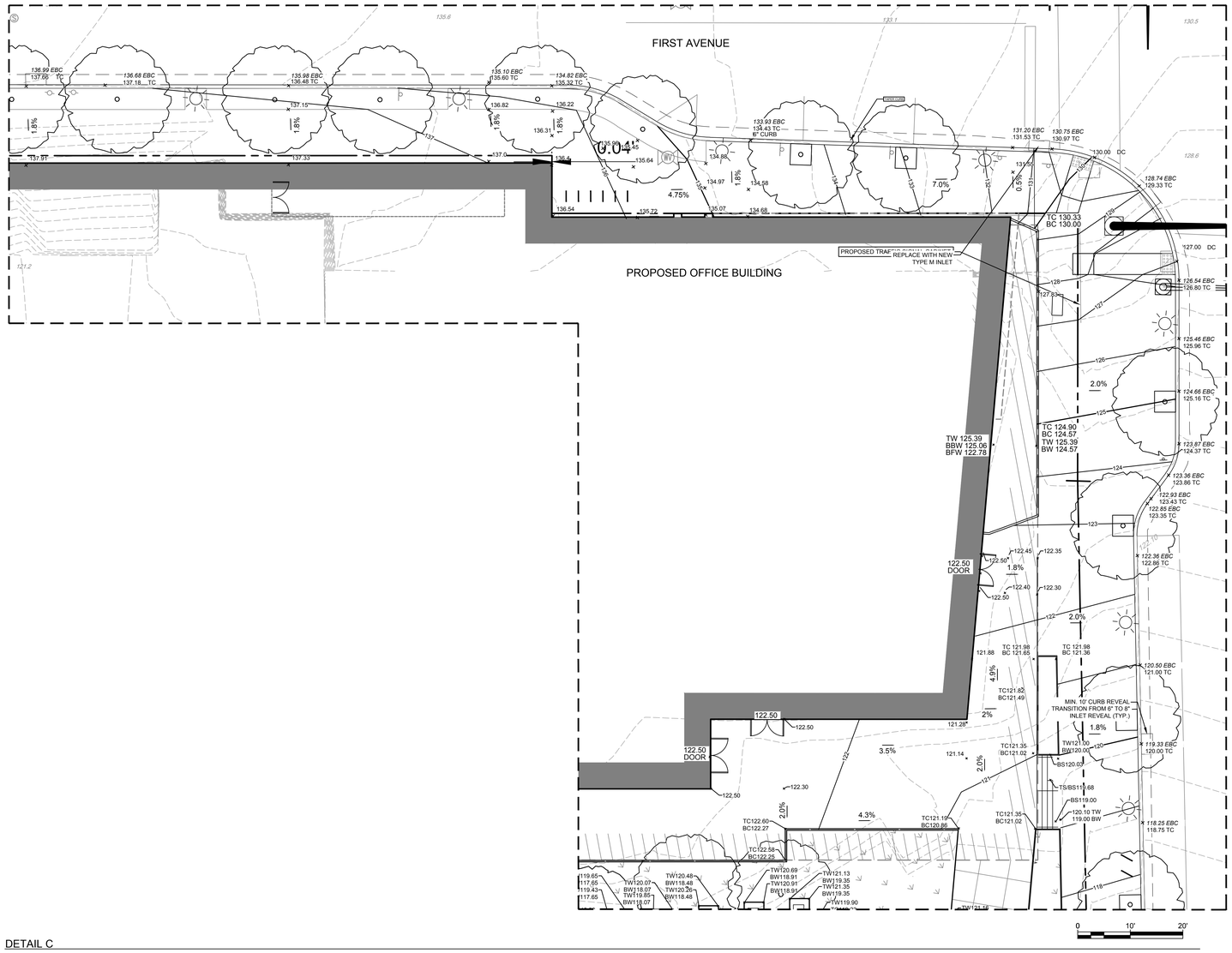
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=10'
DRAWN BY	SWC
APPROVED BY	CAS

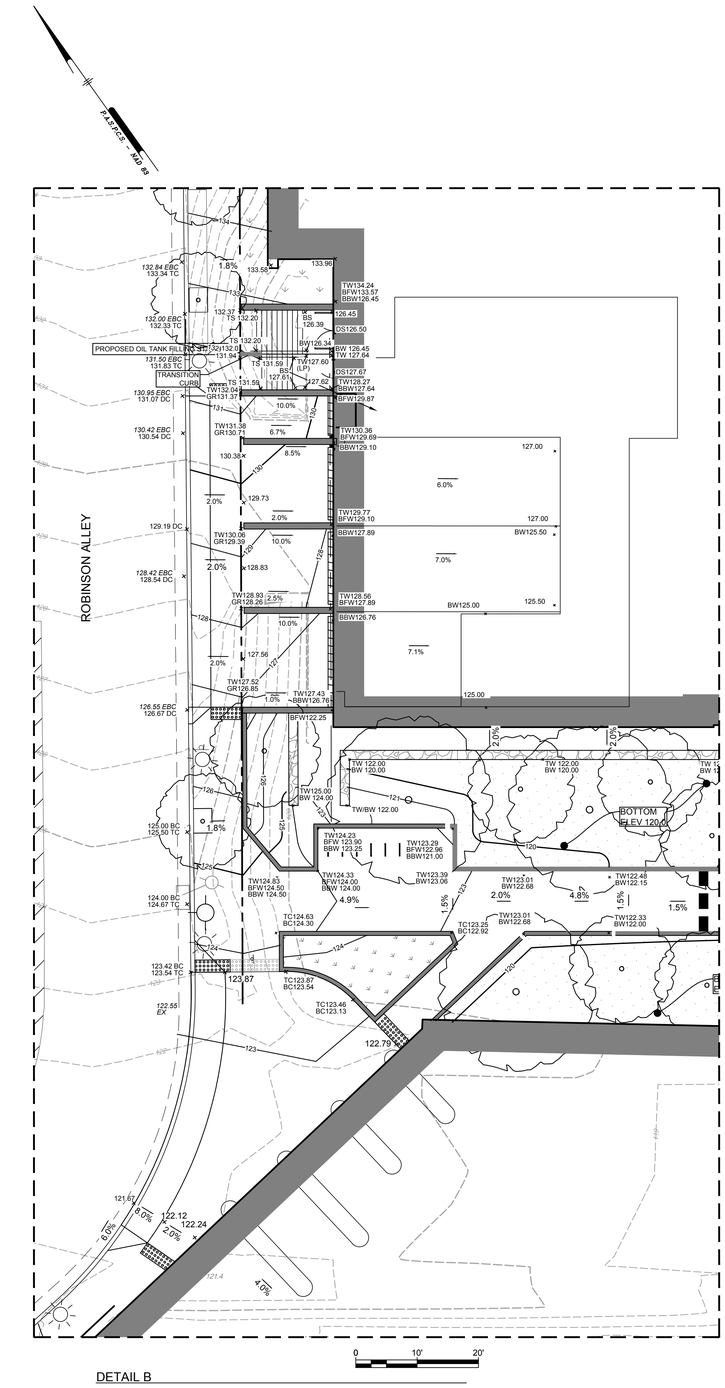
CS1503

SHEET 10 OF 24

P:\Projects\KEYP\KEYP1401-Oris Conshohocken\DESIGN_PUBLISH\Land Development\CS1503.dwg PLOTTED: 10/21/2020 4:39 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.ctb PROJECT STATUS: —



DETAIL C



DETAIL B

ABBREVIATIONS

TC - TOP OF CURB
BC - BOTTOM OF CURB
GR - GROUND
LP - LOW POINT
TS - TOP OF STAIRS
BS - BOTTOM OF STAIRS
FC - FLUSH CURB
TW - TOP OF WALL
BW - BOTTOM OF WALL
BBW - BOTTOM BACK OF WALL
BFW - BOTTOM FACE OF WALL

LEGEND

EXISTING

LEGEND
SANITARY SEWER MANHOLE
SANITARY SEWER
STORM SEWER MANHOLE
STORM SEWER
STORM SEWER INLET
OVERHEAD COMMUNICATION LINE
LIGHT POLE
UTILITY POLE
POWER MANHOLE
ELECTRICAL EQUIPMENT
WATER PIPE
WATER VALVE
MONITORING WELL
HYDRANT
GAS VALVE
TELECOMM MANHOLE
UNIDENTIFIED MANHOLE
SIGN
BOLLARD
GUARD RAIL
WALL
JUNCTION BOX
HVAC STRUCTURE
FLAG POLE
PROPERTY LINE
RIGHT OF WAY LINE OFFSITE
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING BUILDING OUTLINE
EXISTING CURB
EXISTING SIDEWALK

PROPOSED

PROPOSED CONCRETE
CURB LINE
PROPERTY LINE
RETAINING WALL
SIDEWALK
BUILDING OUTLINE
DEPRESSED CURB
SIGN
MON PROPOSED MONUMENT
IP PROPOSED IRON PIN
BUILDING OVERHANG
PROPOSED PLAZA HARDSCAPE
PROPOSED DRIVEWAY PAVERS
PROPOSED WALL
PROPOSED LANDSCAPE AREA
PROPOSED GREEN ROOF
PROPOSED UNDERGROUND BASIN
PROPOSED AREA DRAIN
PROPOSED INLINE DRAIN
PROPOSED DRAINAGE MANHOLE
PROPOSED TRENCH DRAIN
PROPOSED SANITARY MANHOLE

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
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ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA — CARL ANTHONY ST. PIERRE — ENGINEER — No. PE054324 — REGISTERED PROFESSIONAL

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

GRADING DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NO.	DATE	REVISIONS	BY
10	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9	9/30/2020	PENNDOT HOP GRADING COORDINATION	SDS
8	9/30/2020	AMENDED FINAL LAND DEVELOPMENT	SWC

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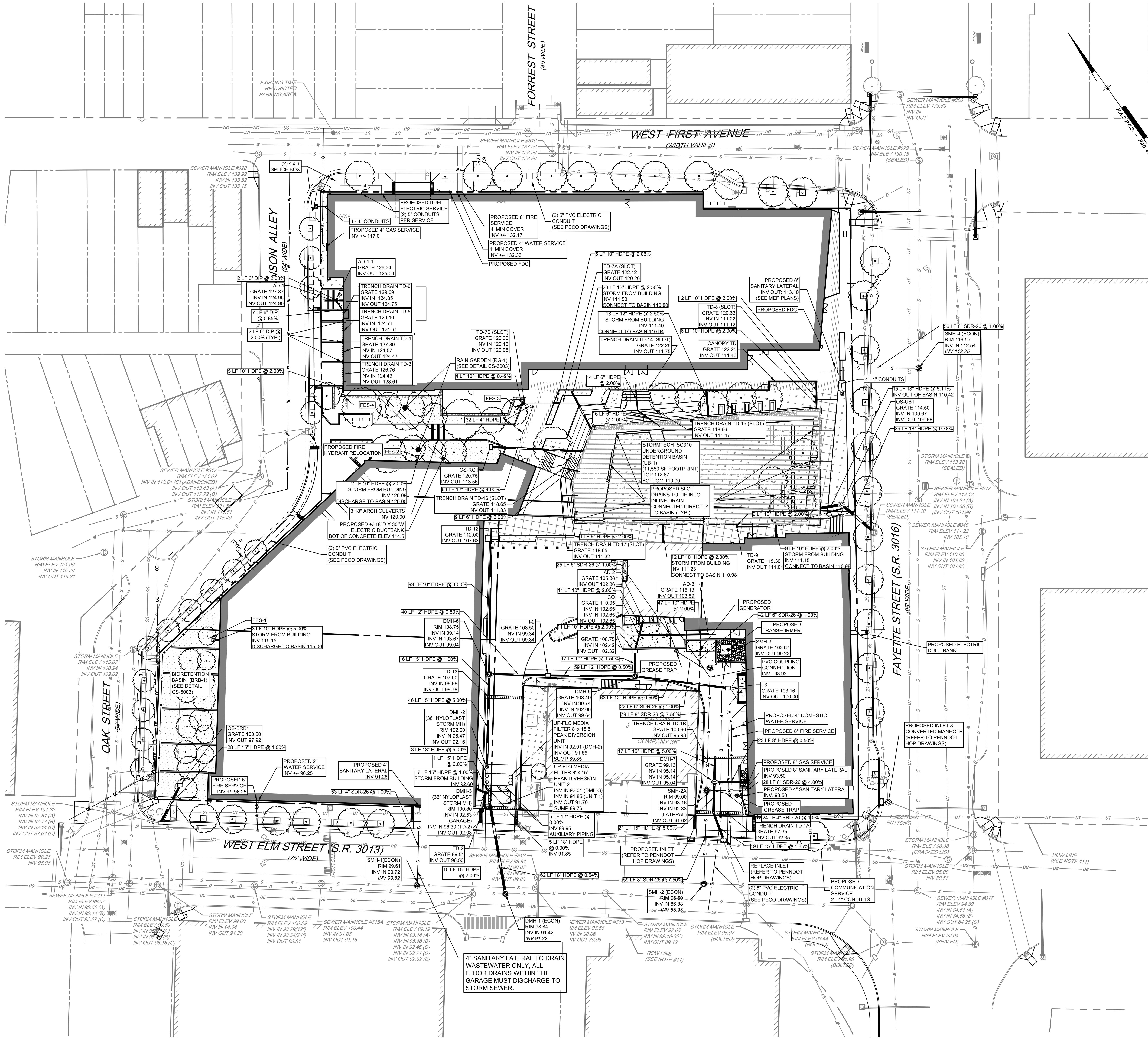
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=10'
DRAWN BY	SWC
APPROVED BY	CAS

CS1504

SHEET 11 OF 24

P:\Projects\KEYP\KEYP1401-Core Grond\Active\DESIGN_FUB\LBSH.set Date/Xpower\CS1504.dwg PLOTTED: 10/21/2020 4:57 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni MCS.stb PROJECT STATUS: —



0 30' 60'

UTILITY NOTES:

1. ALL PIPE LENGTHS AND DISTANCES BETWEEN STRUCTURES ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE ALONG A HORIZONTAL PLANE.
2. ALL STORM DRAINAGE PIPE SHALL BE LAID ON SMOOTH CONTINUOUS GRADES WITH NO VISIBLE BENDS AT JOINTS.
3. BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE CONSIDERED AS MINIMUMS FOR RELATIVELY DRY, STABLE EARTH CONDITIONS. ADDITIONAL BEDDING SHALL BE REQUIRED FOR ROCK TRENCHES AND WET AREAS. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.
4. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 95% OF THEORETICAL MAXIMUM DRY DENSITY (ASTM D698). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES IN COMPACTED FILL THICKNESS. A REPORT FROM A GEOTECHNICAL ENGINEER MAY BE REQUIRED BY THE PUBLIC WORKS INSPECTOR. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
6. CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONNECTION FEES.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS; HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR.
8. THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBANCE TO CURBING, PAVING, AND COMPACTED SUBGRADE.
9. CONTRACTOR SHALL EXCAVATE ONLY AS MUCH TRENCH WHICH PIPE CAN BE INSTALLED AND TRENCH BACKFILLED BY THE END OF EACH WORK DAY.
10. ALL UNDERGROUND UTILITY TRENCHES SHALL BE BACKFILLED WITH SAFE CLEAN FILL.
11. FLOW PRESSURE TO ALL FIRE HYDRANTS SHALL HAVE MINIMUM 600 GALLONS PER MINUTE AT A MINIMUM RESIDUAL PRESSURE OF 20 POUNDS PER SQUARE INCH.
12. ALL TRENCHES SHALL BE PROPERLY SECURED AND BRACED.
13. ALL EXISTING CASTING AND INLET TOPS OR GRATES MUST BE ADJUSTED TO THE PROPOSED GRADE, UNLESS OTHERWISE INDICATED.
14. CONTRACTOR TO PROVIDE THRUST BLOCKS AT EACH BEND OF DOMESTIC AND FIRE MAINS FROM METER PIT TO BUILDING.
15. ALL PROPOSED UTILITIES, INCLUDING ELECTRIC SERVICE, SHALL BE PLACED UNDERGROUND.
16. A BLANKET EASEMENT WITHIN THE SITE SHALL BE PROVIDED TO THE BOROUGH FOR ACCESS TO STORMWATER MANAGEMENT FACILITIES.
17. A BOROUGH ROAD OPENING PERMIT MUST BE ISSUED PRIOR TO CONSTRUCTION.
18. WORK INVOLVING SANITARY SEWER SYSTEMS MUST BE PERFORMED WITH THE PRESENCE OF THE AUTHORITY INSPECTOR. INSPECTIONS SHALL BE SCHEDULED WITH A MINIMUM 48-HOUR NOTICE AND MAY BE SCHEDULED DIRECTLY WITH THE AUTHORITY ENGINEERS OFFICE.
19. SANITARY SEWER MAINS ARE REQUIRED TO HAVE RECORDED EASEMENTS UNLESS THEY ARE IN EXISTING ROADS THAT ARE OWNED BY CONSHOHOCKEN BOROUGH OR PENN DOT. EASEMENTS SHALL BE REVIEWED, APPROVED, AND RECORDED WITH THE MONTGOMERY COUNTY COURTHOUSE.
20. PROPOSED SANITARY SEWER MAIN AND LATERALS SHALL BE SDR-26 PVC PIPE.
21. ALL BUILDINGS CONTAINING KITCHENS / RESTAURANTS REQUIRE GREASE TRAPS SIZED IN ACCORDANCE WITH THE EPA REGULATIONS WITHIN SANITARY LATERALS.
22. CONTRACTOR TO SCHEDULE PRECONSTRUCTION MEETING WITH SEWER AUTHORITY PRIOR TO CONSTRUCTION, BUT AFTER SHOP DRAWINGS ARE APPROVED AND ALL ITEMS HAVE BEEN COMPLETED TO THE SATISFACTION OF THE AUTHORITY.

LEGEND

EXISTING

LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING CURB
- EXISTING SIDEWALK
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELECOM LINE

PROPOSED

- PROPOSED CONCRETE
- PROPOSED CROSSWALK
- PROPOSED HARDSCAPE
- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- BUILDING OVERHANG
- PROPOSED WATER MAIN
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED UNDERGROUND ELECTRIC LINE
- PROPOSED ELECTRIC LINE
- PROPOSED UNDERGROUND TELCOM LINE
- PROPOSED LANDSCAPE AREA
- PROPOSED GREEN ROOF
- PROPOSED UNDERGROUND BASIN
- PROPOSED AREA DRAIN
- PROPOSED INLINE DRAIN
- PROPOSED DRAINAGE MANHOLE
- PROPOSED TRENCH DRAIN
- PROPOSED SANITARY MANHOLE
- (ECON) PROPOSED SANITARY MANHOLE CONNECTION TO EXISTING SEWER

PENNONI ASSOCIATES INC.
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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE061604

SORA WEST

FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

UTILITY PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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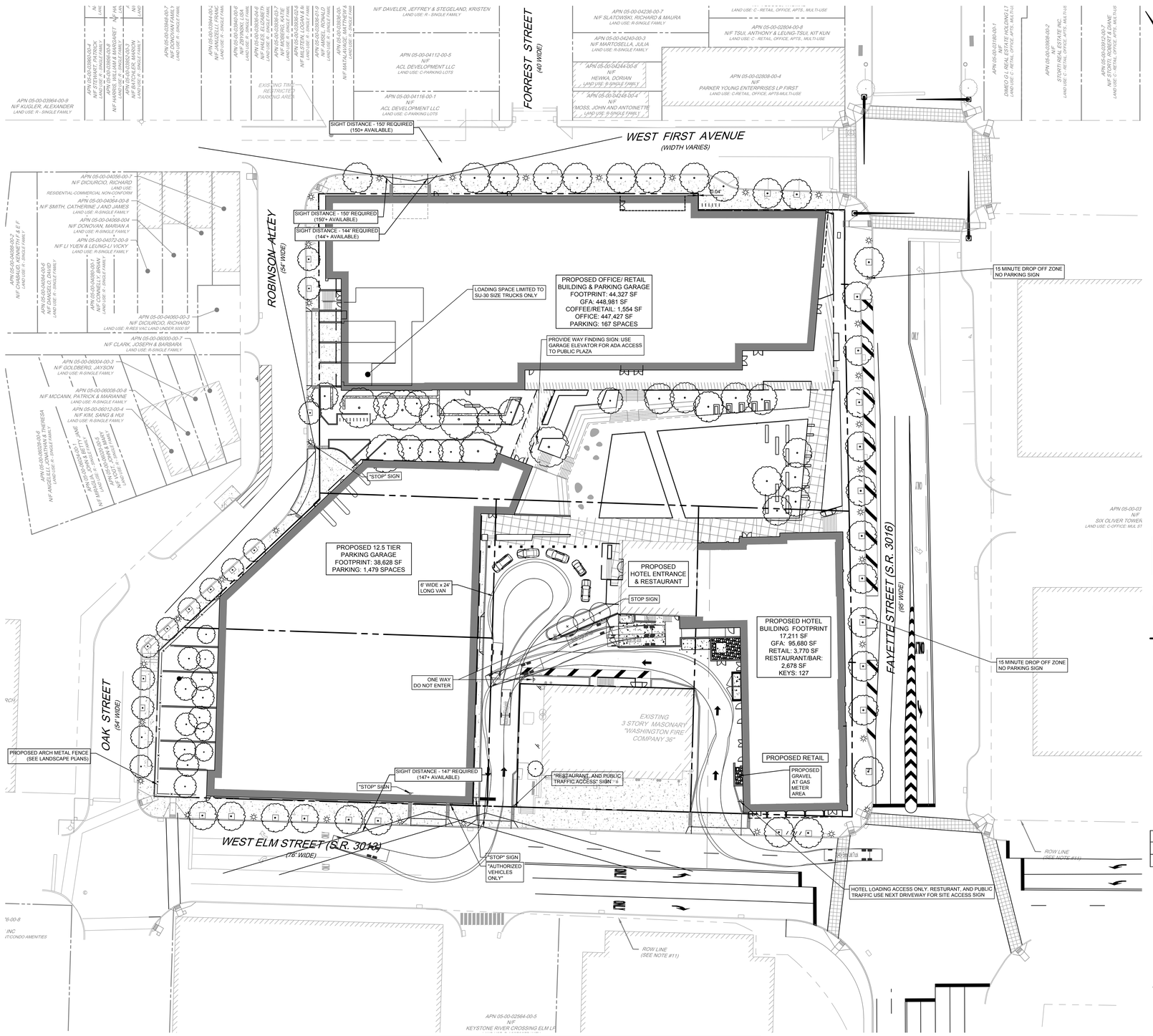
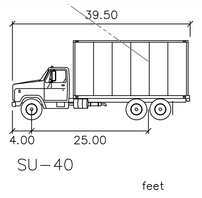
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS1701

SHEET 12 OF 24

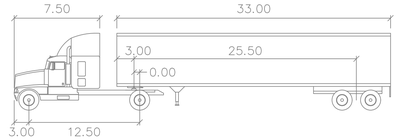
P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS1701.dwg PLOTTED: 10/21/2020 5:04 PM, BY: Samuel J. Kush PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----





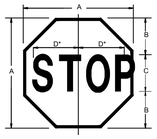
SU–40

	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 31.8



WB–40

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.00	Steering Angle	: 20.3
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.00		

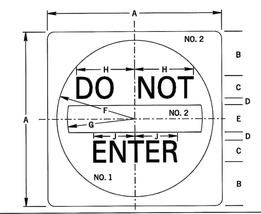


ALL SIGNS SHALL BE ON PENNDOT BREAKAWAY POSTS, AND ALL MATERIALS USED MUST COMPLY WITH PENNDOT PUB. 408, MOST CURRENT EDITION.

DIMENSIONS - mm (IN)						
SIGN SIZE A X A	B	C	D	BORDER	BLANK STD.
762 x 762 (30" x 30")	254 (10)	254C (10C)	320 (12.6)	20 (0.8)	B1-762 (B1-30)

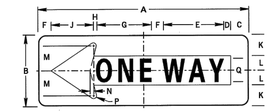
COLOR:
LEGEND AND BORDER:
WHITE (REFLECTORIZED)
BACKGROUND:
RED (REFLECTORIZED)

DETAIL- R1-1: STOP SIGN
N.T.S.



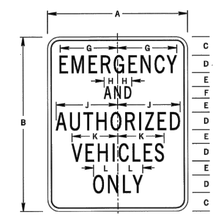
DIMENSIONS – IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	J	BORDER	BLANK STD.
30" x 30"	6.6	4D	1.9	5	14.6	12.4	9.9	7.9		B3–30
36" x 36"	7.6	5D	2.4	6	17.6	15	12.4	9.8		B3–36
48" x 48"	11	6D	3	8	23.6	20	14.9	11.8		B3–48

DETAIL- R5-1: DO NOT ENTER
N.T.S.



DIMENSIONS – IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	BOR-DER	BLANK STD.
36" x 12"	3	1.2	10.6*	2.2	9.1*	0.5	7.2	3.4	2.6	4.2	0.6	0.7	4D	0.4	B5–3612
54" x 18"	5	3	13.5	4	12.3	2.2	10	5.2	3.8	5.8	0.8	1	5D	0.8	—

DETAIL- R6-2: ONE WAY
N.T.S.



DIMENSIONS – IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR-GIN	BOR-DER	BLANK STD.
24" x 30"	3.2	3C	2.4	2C	9.6	2.1	10.2	7.8	4.1	0.4	0.4	B5–3024

DETAIL- EMERGENCY AUTHORIZED VEHICLES ONLY
N.T.S.

LEGEND

EXISTING

LEGEND
- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
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- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
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- EXISTING BUILDING OUTLINE
- EXISTING CURB

PROPOSED

- PROPOSED CONCRETE
- PROPOSED PROPERTY LINE
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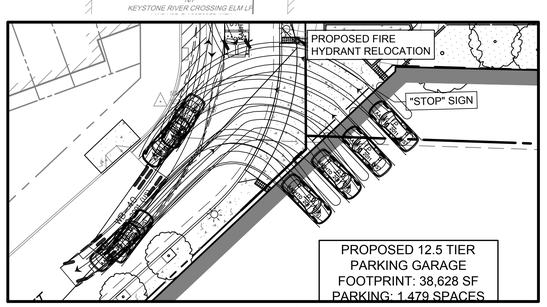
- IP PROPOSED IRON PIN
- BUILDING OVERHANG
- PROPOSED PLAZA HARDSCAPE
- PROPOSED DRIVEWAY PAVERS
- PROPOSED WALL
- PROPOSED LANDSCAPE AREA
- PROPOSED GREEN ROOF
- PROPOSED TREE
- BOROUGH STANDARD UNIT PAVER
- PROPOSED LIGHT
- TRAFFIC FLOW DIRECTION ARROW

NOTES:
1. DELIVERY HOURS WILL BE IN ACCORDANCE WITH THE BOROUGH ORDINANCE
2. DRIVEWAY DIRECTIONAL SIGNAGE DETAILS WILL BE SUBMITTED TO BOROUGH AS PART OF SIGNAGE PACKAGE.

WESTERN FACE

NOTE:
ALL WAYFINDING SIGNAGE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE BOROUGH STANDARDS. LOCATIONS OF SIGNS TO BE COORDINATED WITH THE BOROUGH.

DETAIL- BOROUGH OF CONSHOHOCKEN WAYFINDING SIGN
N.T.S.



GARAGE ENTRANCE / EXIT FROM OAK ST.
SCALE: 1" = 20'

Pennoni
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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

CIRCULATION PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC
DATE	NO.	REVISIONS	BY

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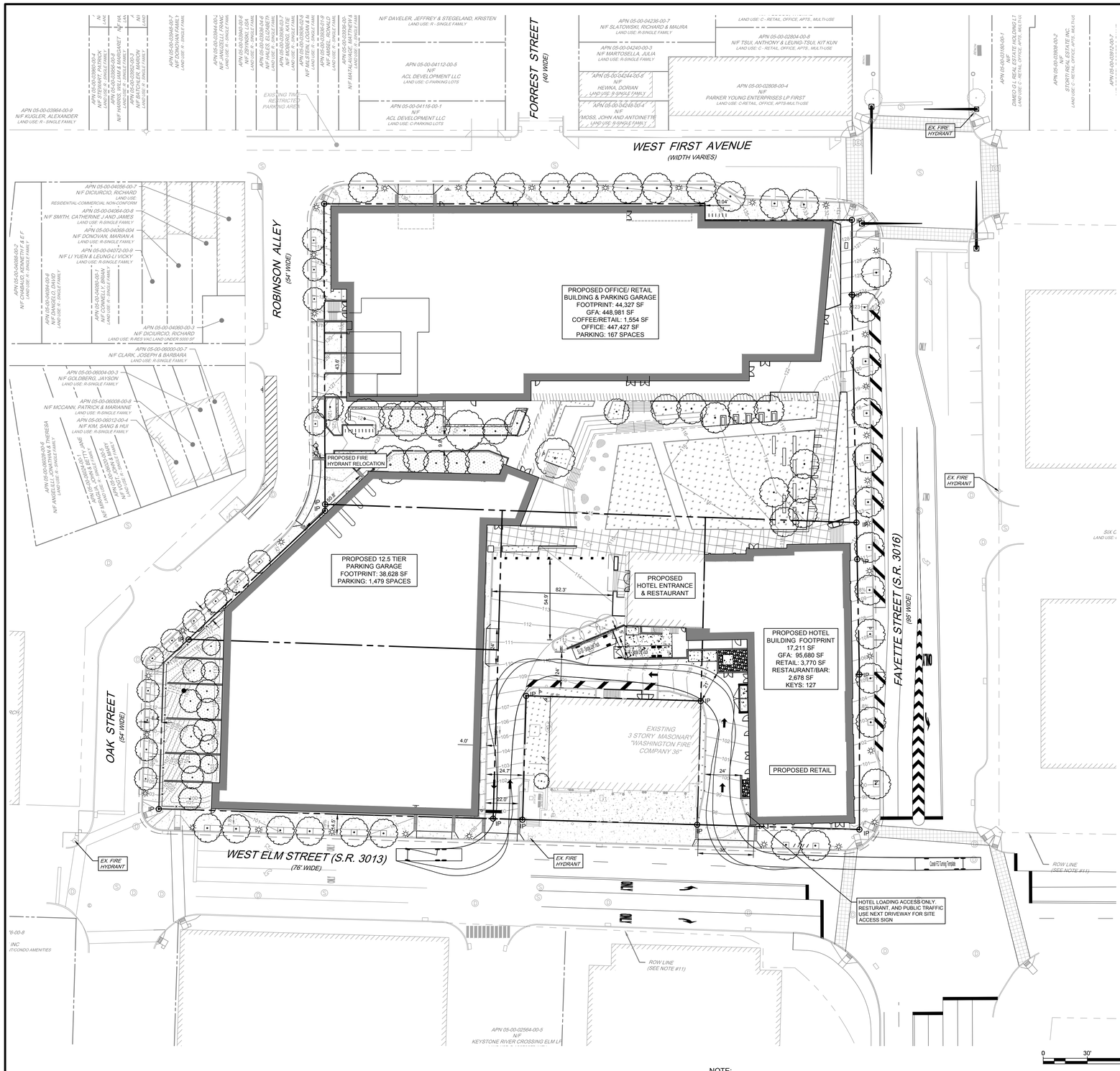
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

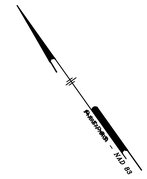
CS2701

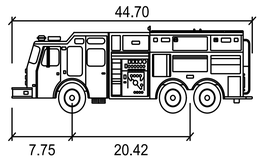
SHEET 13 OF 25

P:\Projects\KEYP\KEYP1401-Ora Conshohocken\DESIGN_PUBLISH\Land Development\CS2701.dwg PLOTTED: 10/21/2020 4:14 PM BY: Sean Gaffney PLOTSTYLE: Pennoni.MCS.stb PROJECT STATUS: —



NOTE:
DIMENSIONS FOR FIRE TRUCK TURNING ARE IN ACCORDANCE WITH APPENDIX D105 OF THE INTERNATIONAL FIRE CODE.

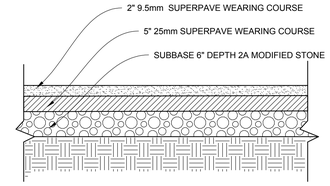




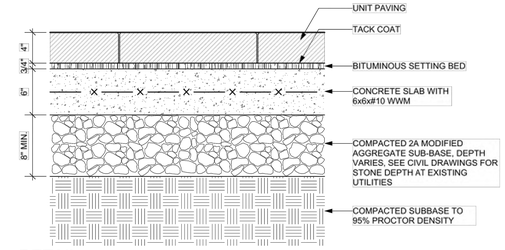
Consh FD Turning Template

	feet
Width	: 8.30
Track	: 8.30
Lock to Lock Time	: 6.0
Steering Angle	: 40.0

DETAIL- "NO PARKING - FIRE LANE" SIGN
N.T.S.



DETAIL- HEAVY DUTY ASPHALT SECTION (EMERGENCY ACCESS DRIVE)
N.T.S. (DESIGNED TO MEET REQUIRED 75,000 LB. LOADING)



DETAIL- HEAVY DUTY PAVER SECTION (EMERGENCY ACCESS DRIVE)
N.T.S. (DESIGNED TO MEET REQUIRED 75,000 LB. LOADING)

LEGEND

EXISTING

LEGEND
SANITARY SEWER MANHOLE
SANITARY SEWER
STORM SEWER MANHOLE
STORM SEWER
STORM SEWER INLET
OVERHEAD COMMUNICATION LINE
LIGHT POLE
UTILITY POLE
POWER MANHOLE
ELECTRICAL EQUIPMENT
WATER PIPE
WATER VALVE
MONITORING WELL
HYDRANT
GAS VALVE
TELECOMM MANHOLE
UNIDENTIFIED MANHOLE
SIGN
BOLLARD
GUARD RAIL
WALL
JUNCTION BOX
HVAC STRUCTURE
FLAG POLE
PROPERTY LINE
RIGHT OF WAY LINE OFFSITE
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING BUILDING OUTLINE
EXISTING CURB

PROPOSED

PROPOSED CONCRETE
PROPOSED PROPERTY LINE
PROPOSED EASEMENT
CURB LINE
PROPERTY LINE
RETAINING WALL
SIDEWALK
BUILDING OUTLINE
DEPRESSED CURB
SIGN
MON PROPOSED MONUMENT
IP PROPOSED IRON PIN
HEAVY DUTY PAVING
HEAVY DUTY PAVERS
TRAFFIC FLOW DIRECTION ARROW
PROPOSED PLAZA HARDSCAPE
PROPOSED DRIVEWAY PAVERS
PROPOSED WALL
PROPOSED LANDSCAPE AREA
PROPOSED GREEN ROOF

PENNONI ASSOCIATES INC.
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Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL CARL ANTHONY STIFFEL

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

EMERGENCY VEHICLE CIRCULATION PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NO.	DATE	REVISIONS	BY
9.	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
8	9/3/2020	AMENDED FINAL LAND DEVELOPMENT	SWC

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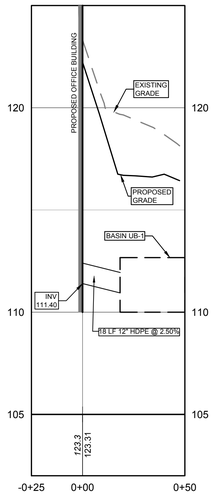
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

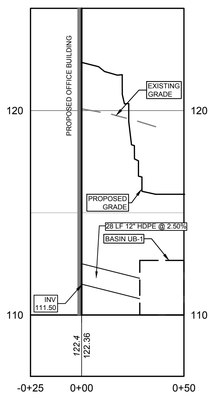
CS2702

SHEET 14 OF 24

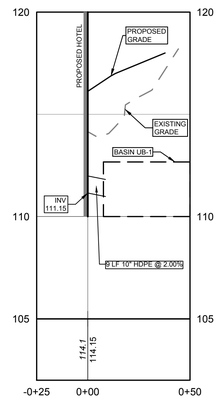
P:\Projects\KEYP\KEYP1401\Dw Com\Arbortext\CS\PDM_PUBLISH.pnt Drawlayout\CS2702.dwg PLOTTED: 10/21/2020 3:03 PM, BY: Samuel J. Koch PLOTSTYLE: Pennoni.NCS.stb PROJECT STATUS: —



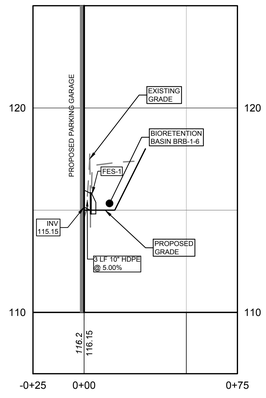
PROFILE - OFFICE ROOF LEADER 1 TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



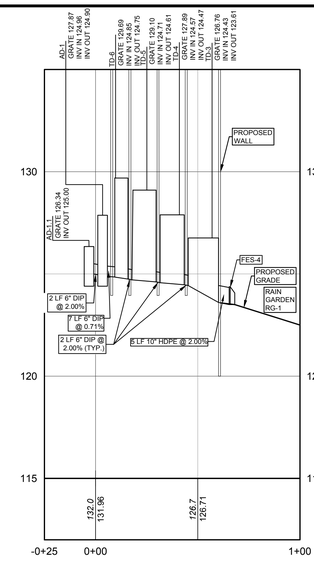
PROFILE - OFFICE ROOF LEADER 2 TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



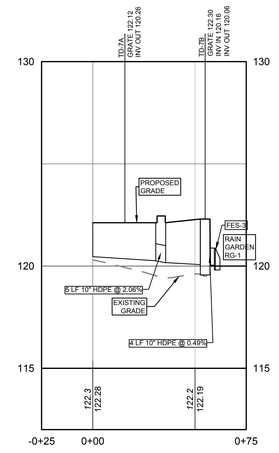
PROFILE - HOTEL ROOF LEADER TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



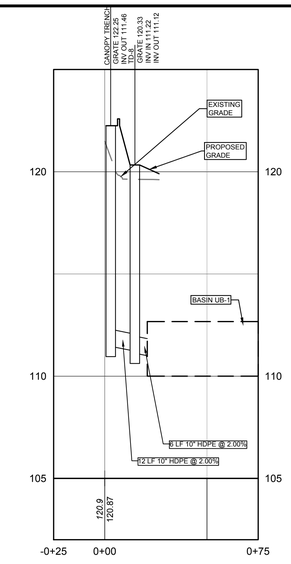
PROFILE - GARAGE ROOF LEADER TO BRB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



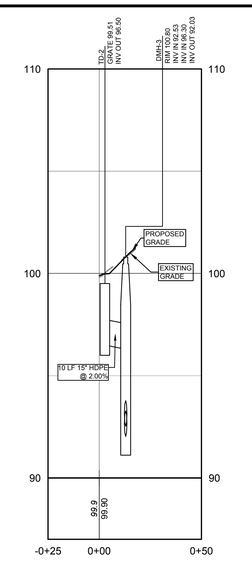
PROFILE - AD-1 TO RG-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



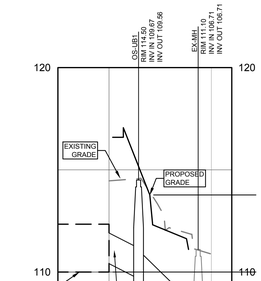
PROFILE - TD-7 TO RG-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



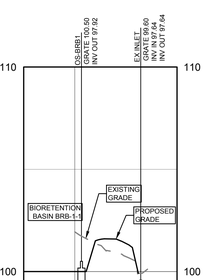
PROFILE - CANOPY TD TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



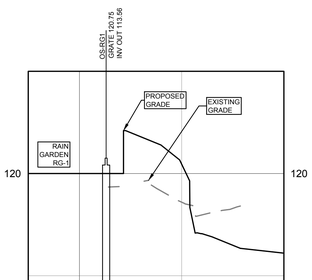
PROFILE - TD-2 TO DMH-3
HORZ. - 1" = 30'
VERT. - 1" = 3'



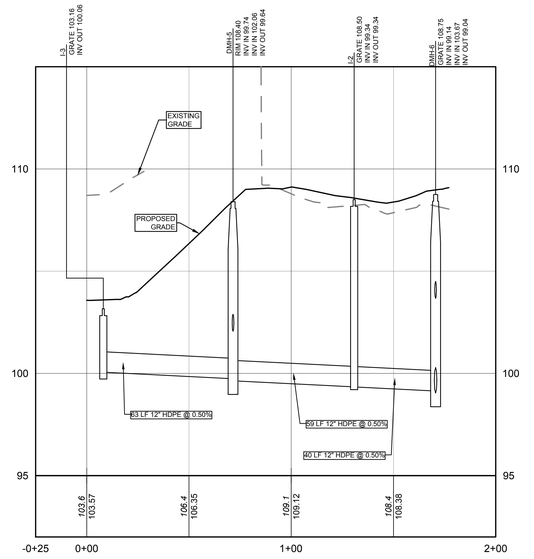
PROFILE - UB-1 TO OS-UB-1 TO OUTLET
HORZ. - 1" = 30'
VERT. - 1" = 3'



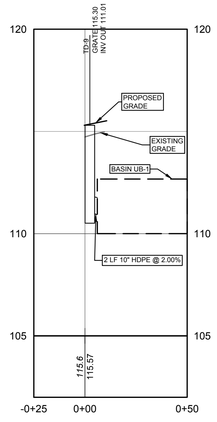
PROFILE - BRB-1 OUTLET
HORZ. - 1" = 30'
VERT. - 1" = 3'

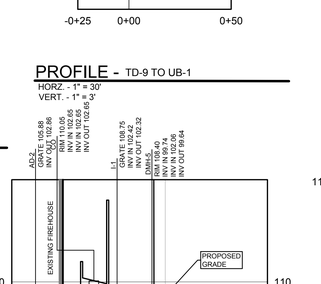


PROFILE - RG-1 TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



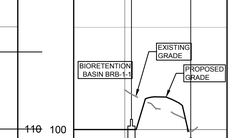
PROFILE - I-3 TO DMH-6
HORZ. - 1" = 30'
VERT. - 1" = 3'





PROFILE - TD-9 TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'

PROFILE - TD-16 TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'

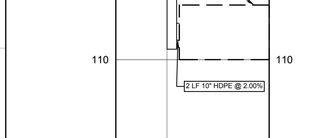


PROFILE - TD-17 TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'

PROFILE - TD-1 TO EX-INLET 3
HORZ. - 1" = 30'
VERT. - 1" = 3'

PROFILE - EXISTING FIRE HOUSE TO UB-1
HORZ. - 1" = 30'
VERT. - 1" = 3'

PROFILE - GARAGE ROOF LEADER TO RG-1
HORZ. - 1" = 30'
VERT. - 1" = 3'



PROFILE - I-1 TO DMH-5
HORZ. - 1" = 30'
VERT. - 1" = 3'

PROFILE - TD-12 TO MEDIA FILTER
HORZ. - 1" = 30'
VERT. - 1" = 3'

Pennoni
PENNONI ASSOCIATES INC.
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Philadelphia, PA 19103
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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY STIEBRE

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

PROFILES

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

BY	NO.	DATE	REVISIONS
SWC	9	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION
SWC	8	9/3/2020	AMENDED FINAL LAND DEVELOPMENT

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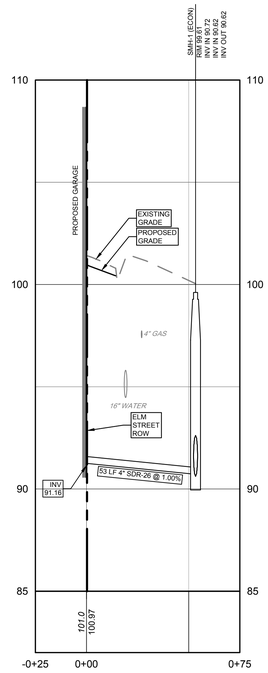
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS4001

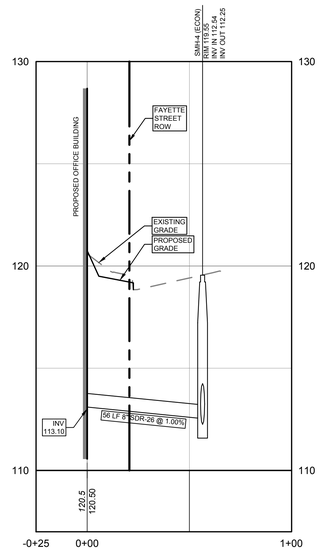
SHEET 15 OF 24

P:\Projects\KEYP\KEY1401\Civil Construction\DESIGN_PUBLISH and Drawings\CS4001.dwg PLOTTED: 10/21/2020 3:08 PM, BY: Samuel J. Kush PLOTSTYLE: Pennoni.NCS.ctb PROJECT STATUS: —



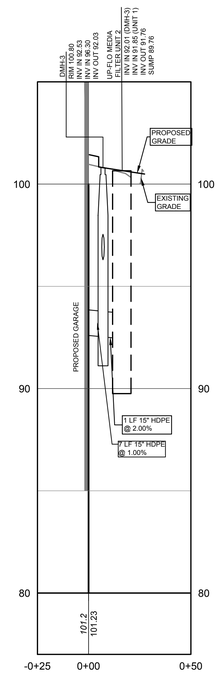
PROFILE - GARAGE SANITARY SEWER CONNECTION

HORZ. - 1" = 30'
VERT. - 1" = 3'



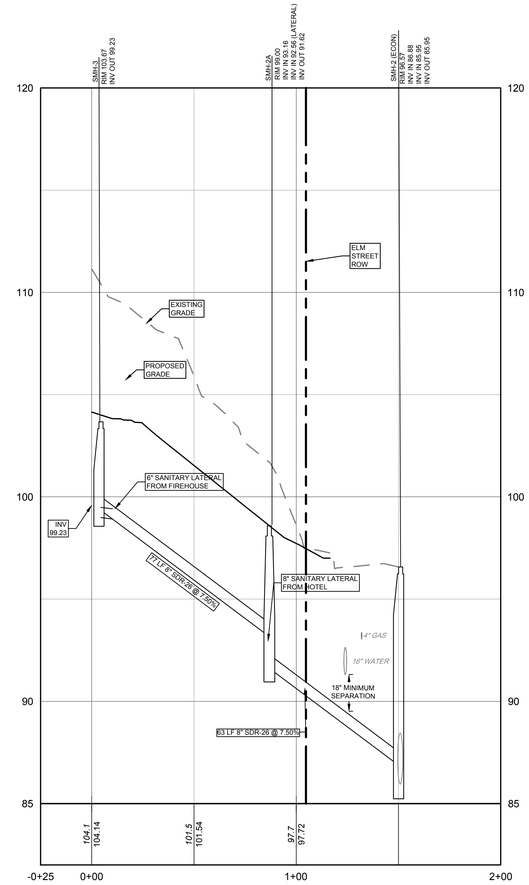
PROFILE - OFFICE SANITARY SEWER CONNECTION

HORZ. - 1" = 30'
VERT. - 1" = 3'



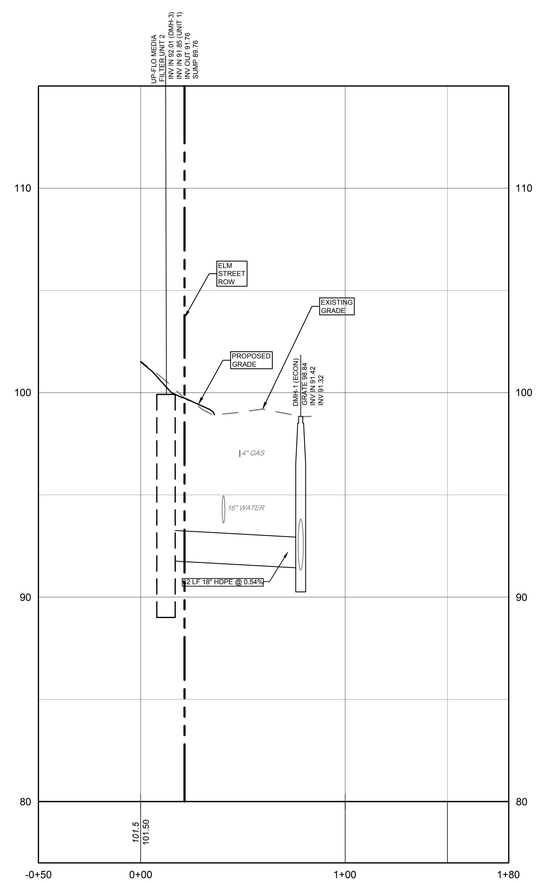
PROFILE - GARAGE ROOF LEADER TO MEDIA FILTER UNIT 2

HORZ. - 1" = 30'
VERT. - 1" = 3'



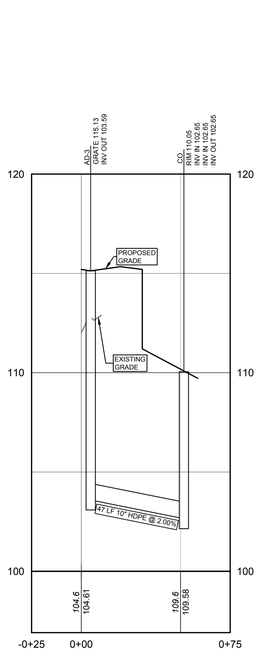
PROFILE - BREW PUB AND HOTEL SANITARY SEWER CONNECTION

HORZ. - 1" = 30'
VERT. - 1" = 3'



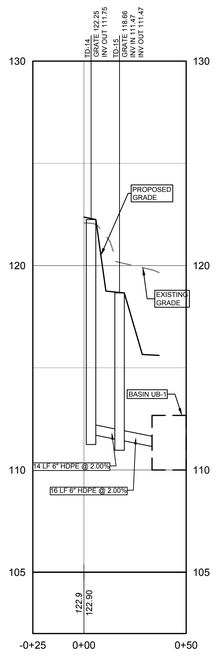
PROFILE - MEDIA FILTER UNIT 2 TO DMH-1

HORZ. - 1" = 30'
VERT. - 1" = 3'



PROFILE - AD-3 TO CO

HORZ. - 1" = 30'
VERT. - 1" = 3'



PROFILE - TD-14 TO UB-1

HORZ. - 1" = 30'
VERT. - 1" = 3'

P:\Projects\KEYP1401\Civil\Construction\SHSKN_PUBLISH\Land Development\CS4002.dwg PLOTTED - 10/21/2020 3:07 PM, BY: Samuel J. Kish PLOTSTYLE: Pennoni NCS.ctb PROJECT STATUS: —

Pennoni
PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL — CARL ANTHONY STIEBRE — ENGINEER — No. PE052481

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

PROFILES

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

BY	DESCRIPTION	NO.	DATE
SWC	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	9	10/21/2020
SWC	AMENDED FINAL LAND DEVELOPMENT	8	9/3/2020
BY	REVISIONS	NO.	DATE

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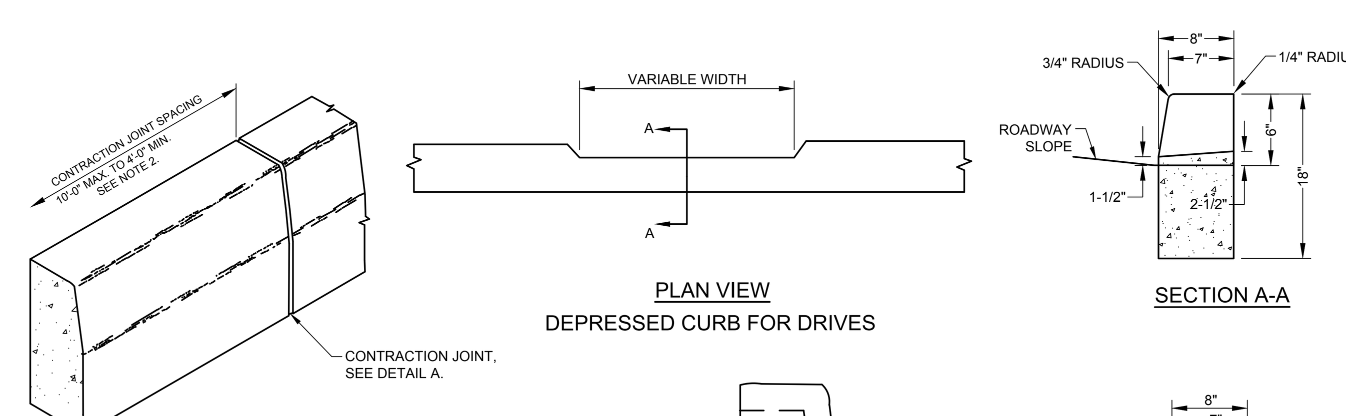
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	RCP
APPROVED BY	CAS

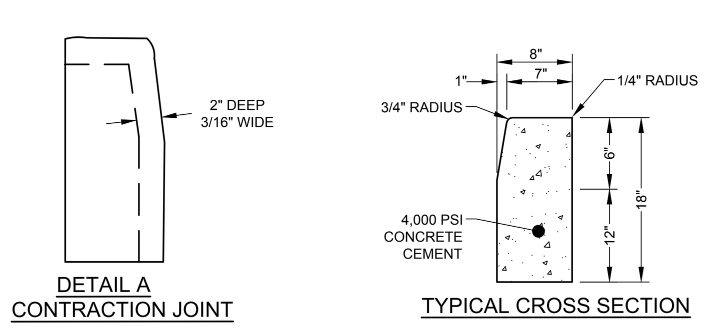
CS4002

SHEET 16 OF 24

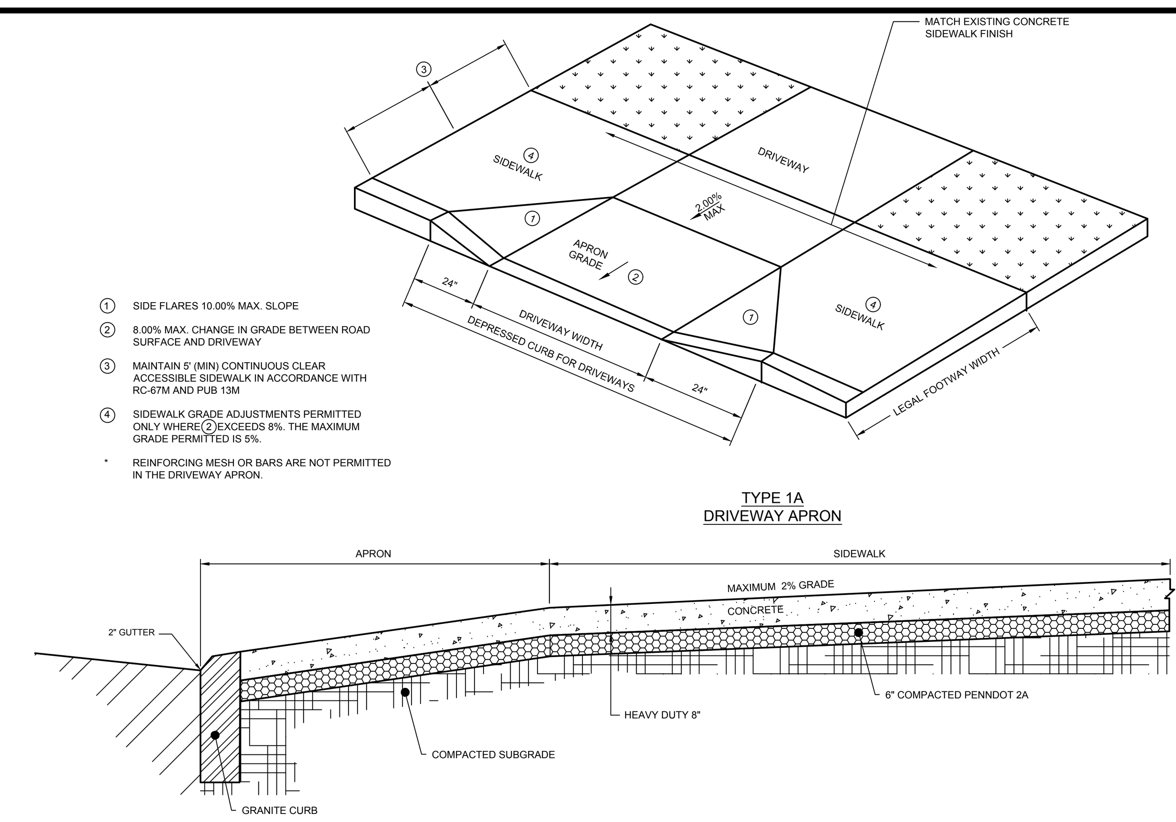


NOTES

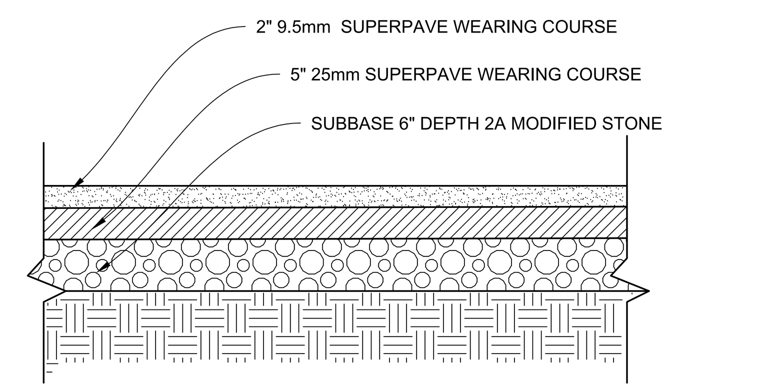
1. MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS OF PUBLICATION 408, SECTION 630 FOR PLAIN CEMENT CONCRETE CURB AND DEPRESSED CURB, SECTION 640 FOR PLAIN CEMENT CONCRETE CURB.
2. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
3. PLACE 3/4-INCH PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
4. CURB REQUIRES A 6" COMPACTED GRADED AGGREGATE SUBBASE- PA DOT 2A.



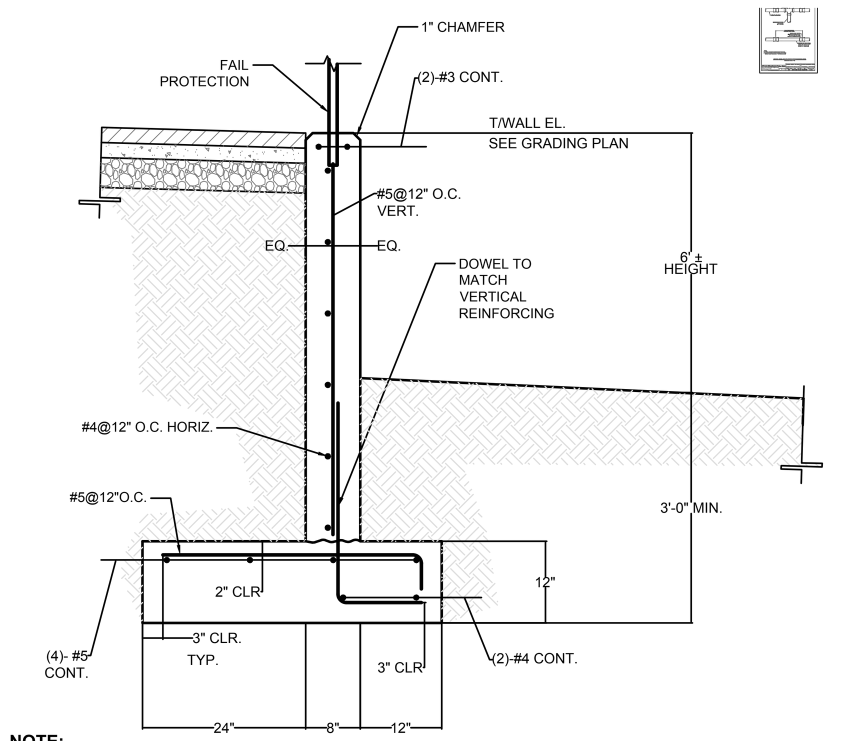
DETAIL- STANDARD CONCRETE CURB (WITHIN RIGHT-OF-WAY & DRIVEWAYS)
N.T.S.



DETAIL- DRIVEWAY APRON
N.T.S.



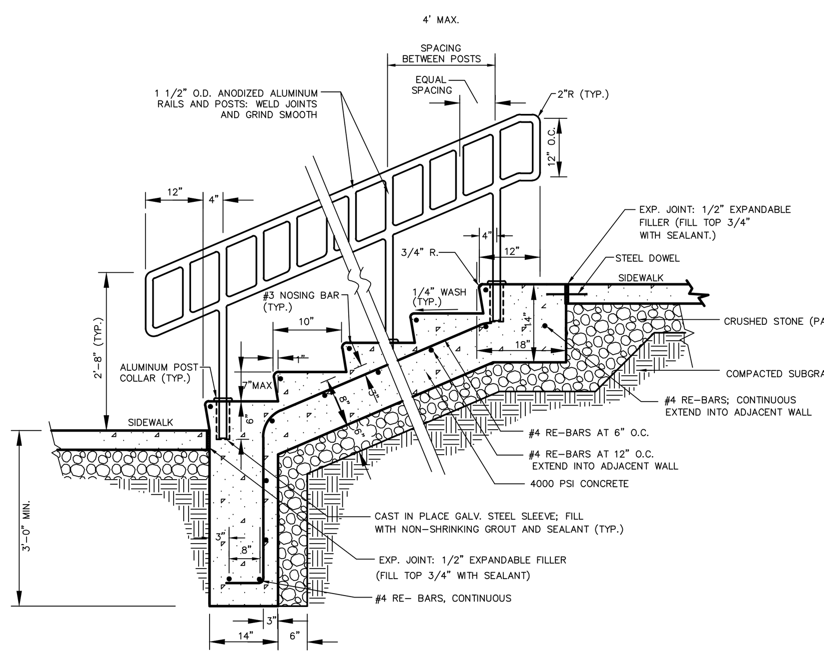
DETAIL- HEAVY DUTY ASPHALT SECTION (EMERGENCY ACCESS DRIVE)
N.T.S.



NOTE:
1. WALLS SHALL BE SIGNED & SEALED BY A PA PROFESSIONAL ENGINEER AND SUBMITTED TO THE BOROUGH FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

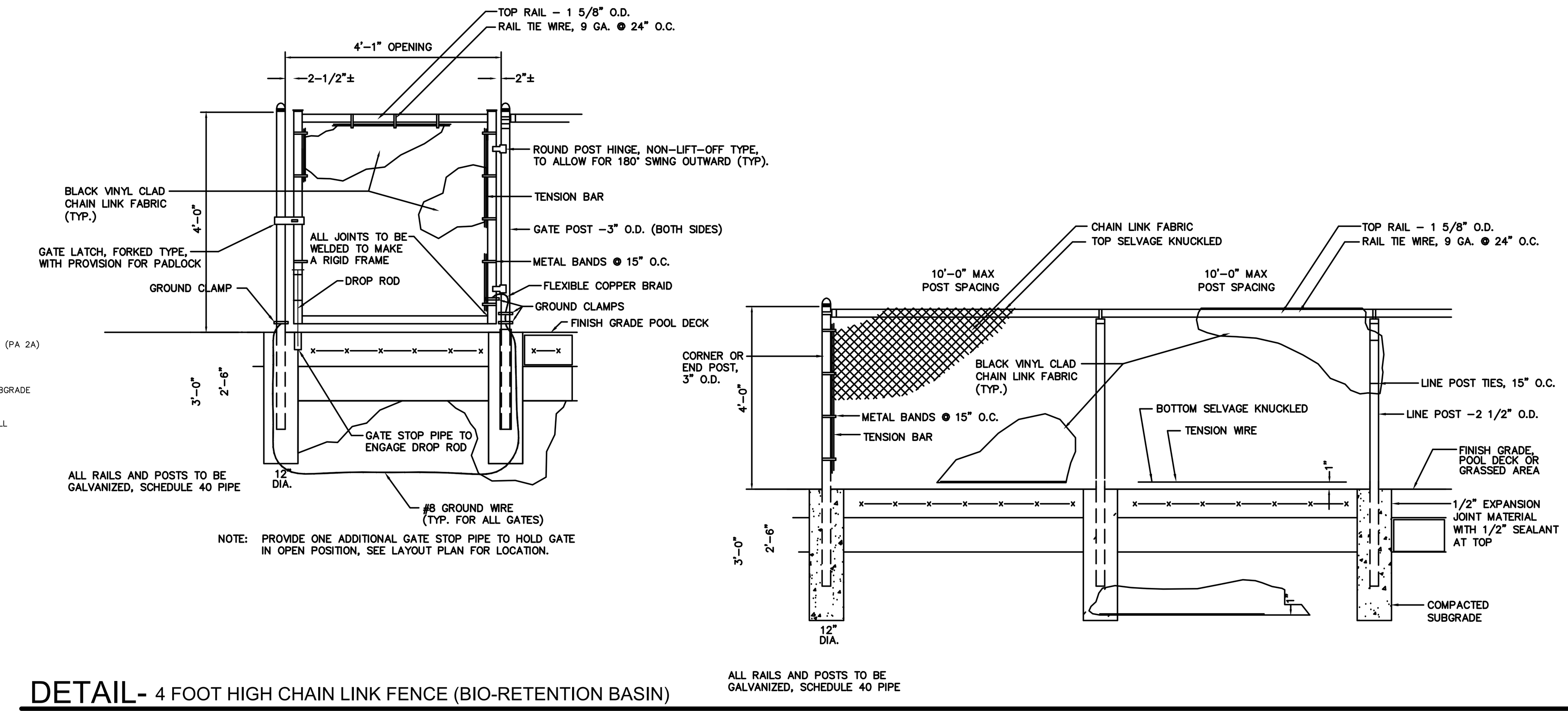
DETAIL- RETAINING WALL (SERVICE & LOADING AREAS)
N.T.S.

ALL DETAILS FOR PROPOSED IMPROVEMENTS SHALL BE IN CONFORMANCE WITH PENNDOT PUBLICATION 408 AND CONSHOHOCKEN BOROUGH STANDARDS.

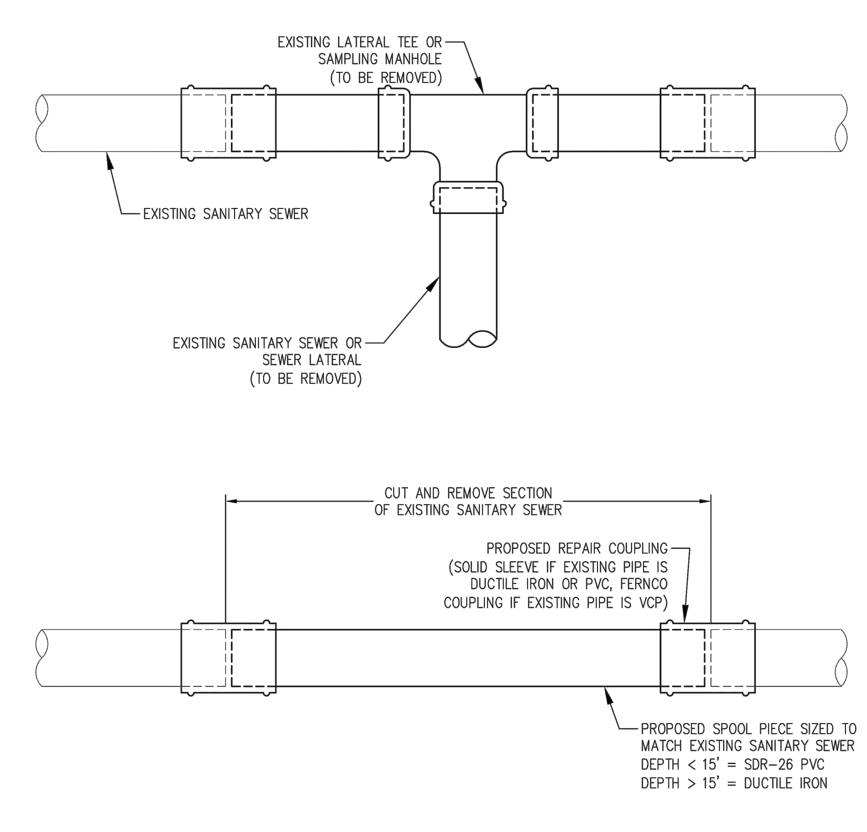


NOTES:
1. RAILING TO BE GALVANIZED STEEL.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR STEPS & RAILING FOR REVIEW AND APPROVAL.

DETAIL- CONCRETE STEPS W/ RAIL (SERVICE & LOADING AREA)
N.T.S.

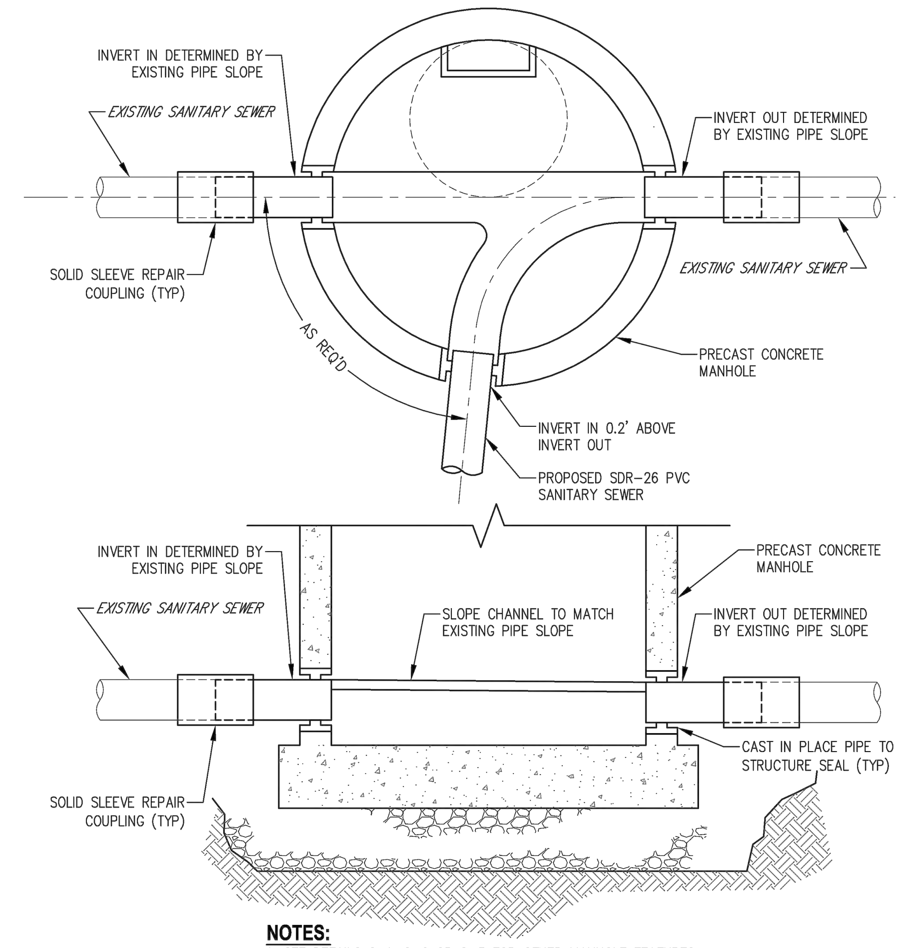


DETAIL- 4 FOOT HIGH CHAIN LINK FENCE (BIO-RETENTION BASIN)
N.T.S.



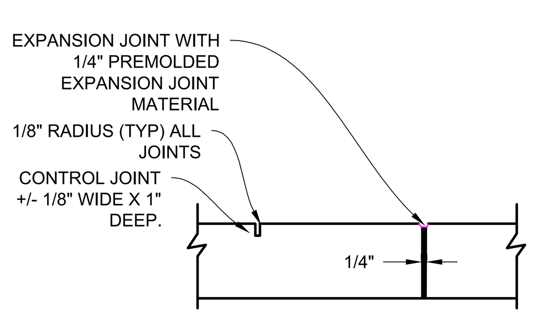
NOTES:
1. PROPOSED PVC SANITARY SEWERS MUST BE SDR-26 PVC.
2. METHODS OF EXISTING LATERAL TEE REMOVAL SHALL REMAIN THE SAME DURING THE REMOVAL OF AN EXISTING MANHOLE.

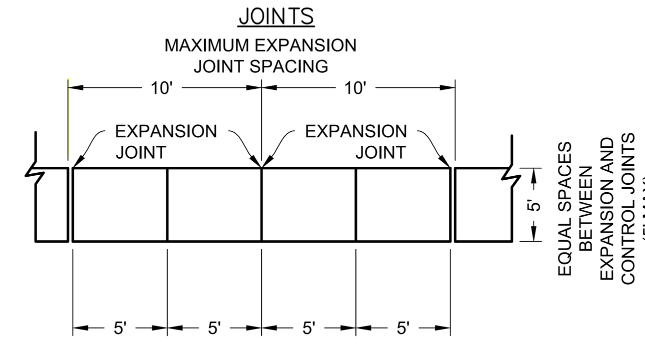
DETAIL- EXISTING LATERAL TEE AND EXISTING MANHOLE REMOVAL DETAIL
N.T.S.



NOTES:
1. SEE DETAILS S-1, S-2 OR S-3 FOR OTHER MANHOLE FEATURES.
2. SEE DETAIL S-4 FOR CAST IN PLACE DOGHOUSE MANHOLE DETAILS.
3. SOLID SLEEVE REPAIR COUPLINGS REQUIRED FOR EXISTING SANITARY SEWERS OF DIP OR PVC CONSTRUCTION. FOR VCP SANITARY SEWERS, FLEXIBLE COUPLINGS (FERNCO OR APPROVED EQUAL) ARE PERMITTED.

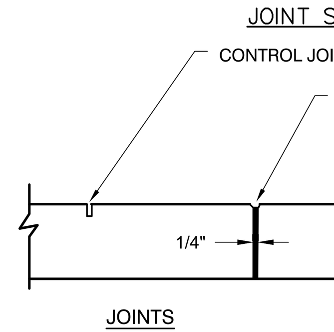
DETAIL- PRECAST MANHOLE CONNECTION TO EXISTING SANITARY SEWER
N.T.S.



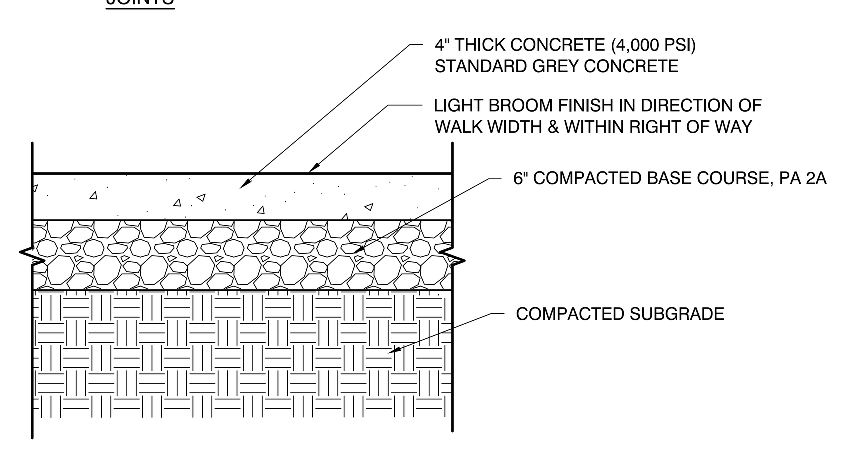


CONTROL JOINT: ± 1/8" WIDE x 1" DEEP

EXPANSION JOINT: 1/4" PREMOLDED EXPANSION JOINT MATERIAL

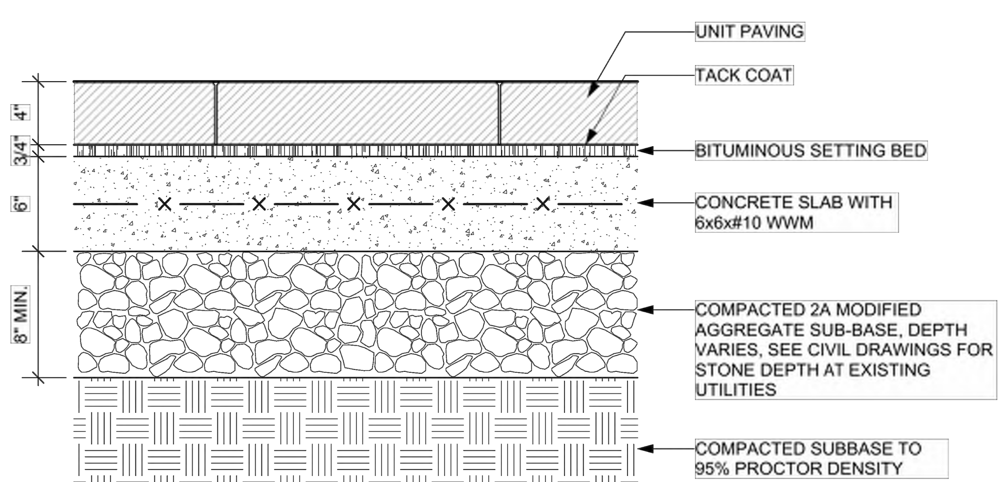


JOINTING NOTES:
1. 20' MAXIMUM SPACING BETWEEN EXPANSION JOINTS.
2. PLACE EXPANSION JOINTS AT LOCATIONS AS SHOWN ON PLAN AND WHERE SIDEWALK MEETS A CURB, RAMP, SOLID OBJECT OR STRUCTURE. CAULK ALL JOINTS.
3. PROVIDE ±1/8" TOOLED RADIUS ON ALL JOINTS.

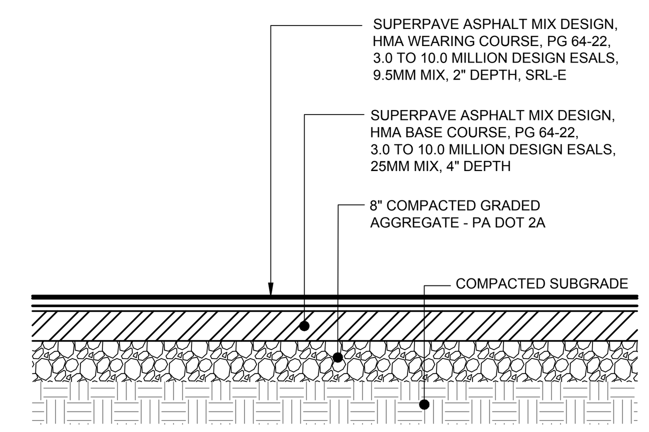


SIDEWALK NOTES:
1. ALL CONCRETE SHALL BE 4,000 PSI at 28 DAYS, AIR ENTRAINED, W/C RATIO 0.45, MAX. SLUMP 3".
2. COMPACTED SUBGRADE AS DIRECTED BY GEOTECHNICAL ENGINEER.

DETAIL- SIDEWALK & JOINT
N.T.S.

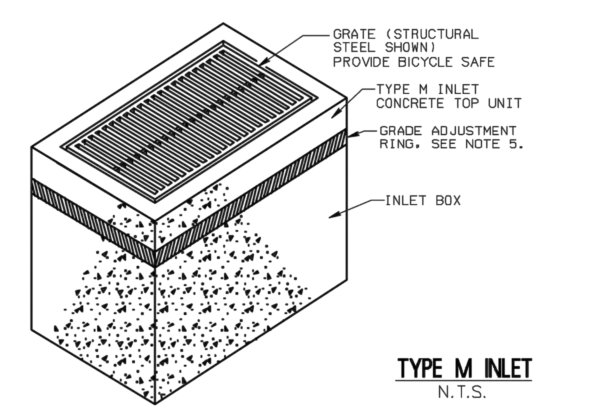


DETAIL- HEAVY DUTY PAVER SECTION (DRIVEWAY)
N.T.S.

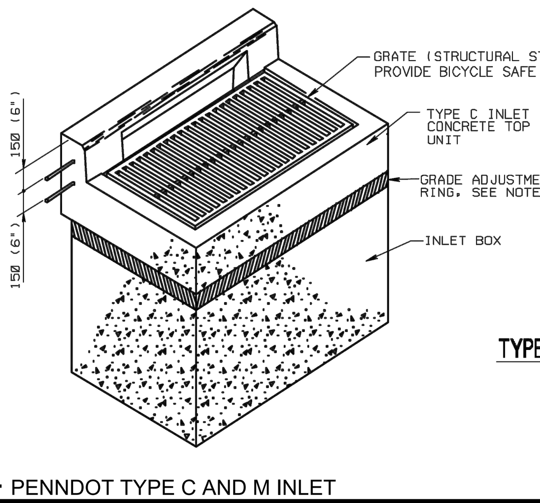


DETAIL- FLEXIBLE PAVEMENT SECTION
N.T.S.

NOTES:
1. PRECAST INLET STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH PENNDOT STANDARD DETAIL FOR ROADWAY CONSTRUCTION RC-45M AND RC-46M.
2. ALL INLETS SHALL BE FINISHED WITH CONCRETE FLOW CHANNELS IN THE BASE.
3. INLET TOP UNITS SHALL BE SET TO GRADE AND ADJUSTED TO MATCH THE ROADWAY PROFILE SLOPE.
4. STORMWATER INLETS ASSOCIATED WITH NEW CONSTRUCTION SHALL HAVE 8" TOP UNITS AND BE SET 2.5" BELOW FINISHED GUTTERLINE GRADE PER DETAIL – 19 OF THESE TYPICAL DEATILS.

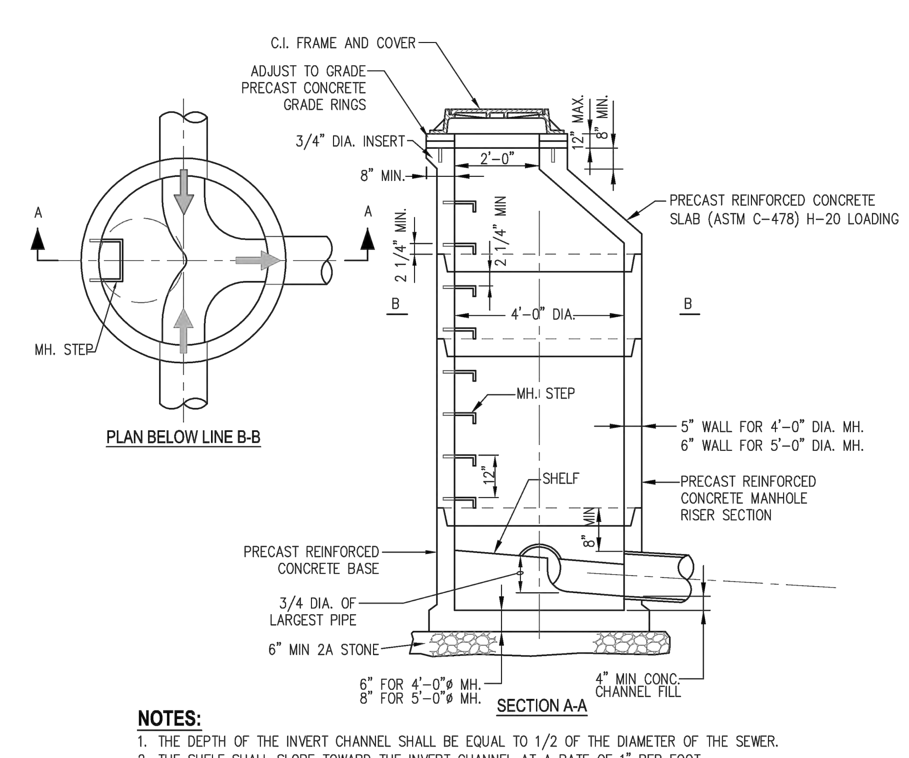


TYPE M INLET
N.T.S.



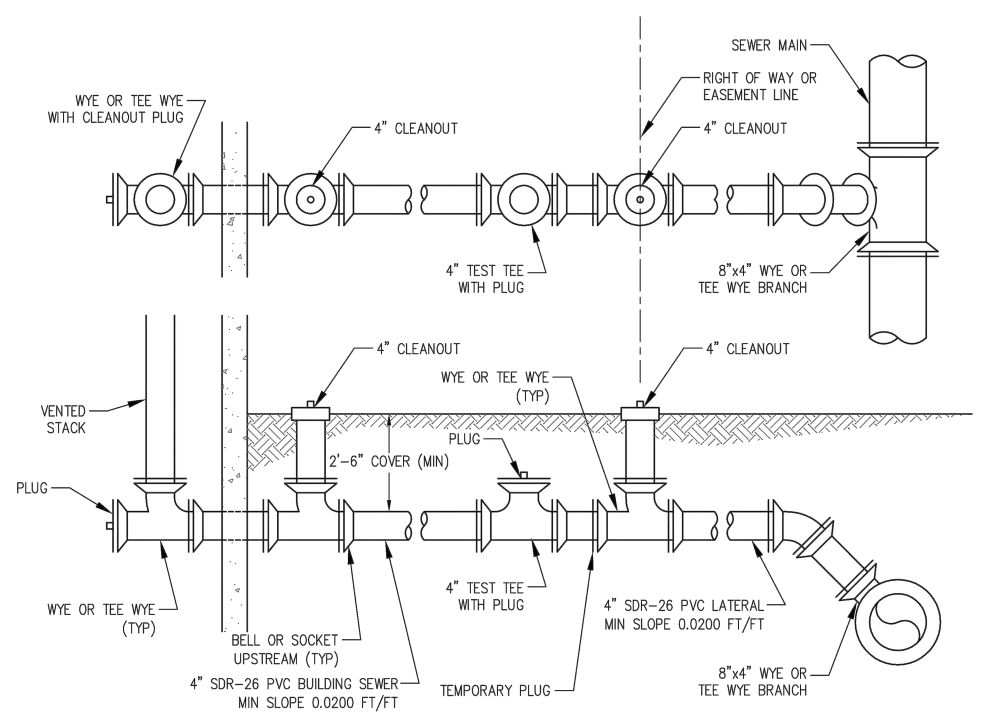
TYPE C INLET
N.T.S.

DETAIL- PENNDOT TYPE C AND M INLET
N.T.S.



NOTES:
1. THE DEPTH OF THE INVERT CHANNEL SHALL BE EQUAL TO 1/2 OF THE DIAMETER OF THE SEWER.
2. THE SHELF SHALL SLOPE TOWARD THE INVERT CHANNEL AT A RATE OF 1" PER FOOT.
3. TYPE "B" MANHOLES (SHALLOW TYPE) TO BE PROVIDED WHERE REQUIRED BY DEPTH CONDITIONS. ALL OTHER MANHOLES TO BE TYPE "A"
4. FOR MANHOLES HAVING 5' DIAMETER BASE, REDUCTION IN DIAMETER TO 4' SHALL START AT THE FIRST JOINT ABOVE THE UPPERMOST PIPE CONNECTION TO WALL WHERE DEPTH IS SUFFICIENT.
5. ALL MANHOLE FRAMES SHALL BE BOLTED TO THE CONE SECTION OR CONCRETE SLAB WITH 4 – 3/4" DIAMETER BOLTS WITH WASHERS AND NUTS. BOLTS TO BE AT 90° ON A 36" DIA. BOLT CIRCLE.
6. ALL CONCRETE SHALL BE 4000 P.S.I. MINIMUM.
7. A WHITE EPOXY COATING SHALL BE APPLIED TO THE ENTIRE INTERIOR CONCRETE SURFACE OF THE MANHOLE. THE COATING SHALL CONSIST OF TWO (2) COATS, EACH EIGHT (8) MILS THICK, OF MACROPOXY 646 FAST CURE EPOXY BY SHERWIN WILLIAMS OR APPROVED EQUAL. ENTIRE OUTSIDE SURFACE OF MANHOLE SHALL RECEIVE TWO COATS OF BITUMINOUS COATING. KOPPERS 300M OR APPROVED EQUAL.
8. INSTALL DOUBLE RING OF PLASTIC PREFORMED JOINT SEALANT BETWEEN ALL SECTIONS AND UNDER FRAME.
9. MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ASTM C-478.
10. STEPS TO BE STEEL REINFORCED POLYPROPYLENE. (SEE DETAIL S-7)
11. 4' DIAMETER MANHOLE FOR 8" TO 15" PIPES, 5' DIAMETER MANHOLE FOR 18" TO 27" PIPES

DETAIL- STANDARD SANITARY MANHOLE TYPE A
N.T.S.



NOTES:
1. BUILDING SEWER FROM RIGHT OF WAY LINE TO BUILDING PLUMBING SYSTEM SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE ADOPTED BY TOWNSHIP.
2. TEMPORARY PLUG TO REMAIN IN LATERAL UNTIL CONSTRUCTION OF BUILDING SEWER OCCURS. BUILDING SEWER SHALL BE PLUGGED AT TEST TEE UNTIL CONSTRUCTION IS COMPLETED AND TESTED.
3. PIPE TO BE EMBEDDED IN 1B STONE OR SCREENINGS AS PER ENGINEER.
4. VENTED TRAP IS NOT REQUIRED ON NEW CONSTRUCTION.
5. A VENTED TRAP SHALL BE PROVIDED AT THE RIGHT OF WAY LINE ON EXISTING HOMES CONNECTING TO THE SANITARY SEWER SYSTEM.
6. CLEANOUT TO BE LOCATED AT RIGHT OF WAY THEN AT EVERY 50' INTERVALS FOR 4" PVC PIPE AND 100' INTERVALS FOR 6" PVC PIPE.
7. 4" PVC PIPE SHALL BE USED FOR SINGLE HOUSE RESIDENTIAL UNITS, 6" PVC PIPE SHALL BE USED ON MULTI-FAMILY, COMMERCIAL UNITS.

DETAIL- SERVICE CONNECTION SHALLOW SEWER
N.T.S.

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE081804

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

SITE DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

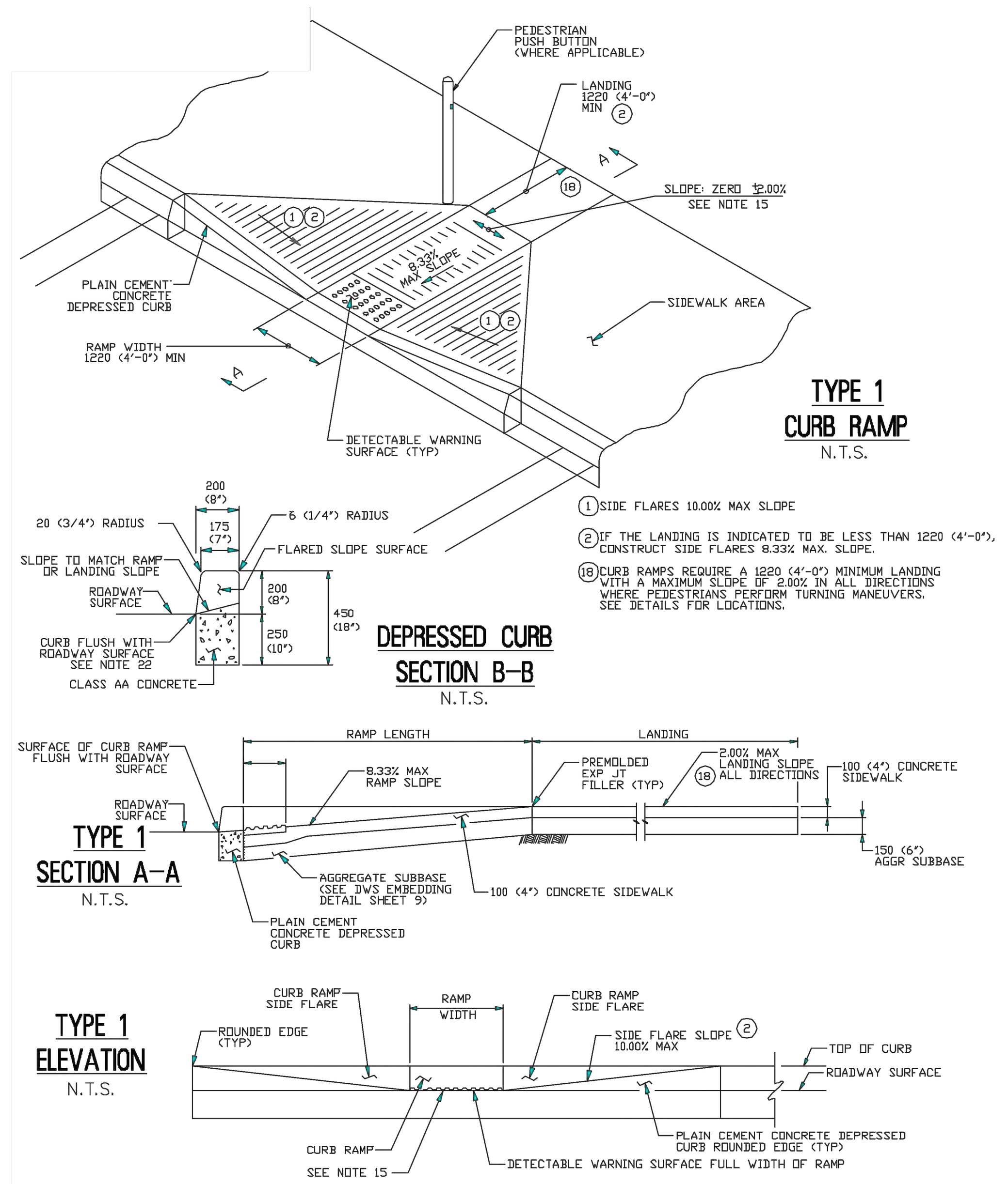
ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATE; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	N.T.S.
DRAWN BY	SWC
APPROVED BY	CAS

CS6001

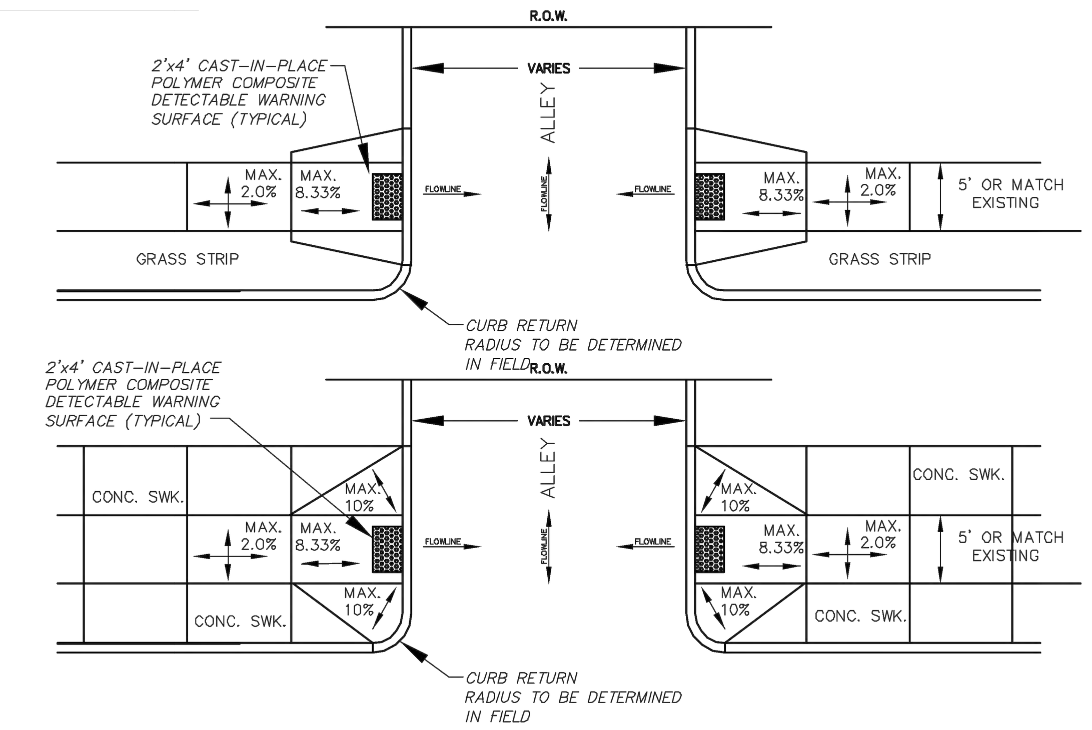
SHEET 17 OF 24

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS6001.dwg PLOTTED: 10/21/2020 4:41 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----



1. PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408, SECTIONS 350, 409, 630, 676 AND 694.
2. PROVIDE EXPANSION JOINT MATERIAL 13 (1/2") THICK WHERE CURB RAMP ADJOINS ANY RIGID PAVEMENT, SIDEWALK OR STRUCTURE WITH THE TOP OF JOINT FILLER FLUSH WITH ADJACENT CONCRETE SURFACE.
3. CONSTRUCT CURB RAMPS WITH A MINIMUM 1220 X 1220 (4'-0" X 4'-0") CLEAR SPACE BEYOND THE CURB FACE, WITHIN THE WIDTH OF THE CROSSWALK AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE. SEE SHEET 7 FOR CROSSWALK DETAILS.
4. SEAL JOINTS WITH AN APPROVED SEALING MATERIAL.
5. PROVIDE SLIP RESISTANT TEXTURE ON CURB RAMP BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP. EXTEND TEXTURE THE FULL WIDTH AND LENGTH OF THE CURB RAMP INCLUDING FLARED SIDE RAMPS.
6. MODIFY CONSTRUCTION DETAILS TO ADAPT DIMENSIONS TO EXISTING CURB HEIGHTS WHERE THE CURB IS LESS THAN THE STANDARD 205 (8") HEIGHT.
7. CURB RAMP AND SIDE FLARE LENGTHS ARE VARIABLE AND BASED ON CURB HEIGHT AND THE SIDEWALK SLOPE.
8. TO AVOID CHASING GRADE INDEFINITELY WHEN TRAVERSING THE HEIGHT OF CURB, RAMP LENGTH NOT TO EXCEED 4500 (15'-0"). ADJUST RAMP SLOPE AS NEEDED TO PROVIDE ACCESS TO THE MAXIMUM EXTENT FEASIBLE.
9. NON-WALK AREA IS AN OBSTRUCTED OR GRASS/NON-PAVED AREA ADJACENT TO THE PEDESTRIAN ACCESS ROUTE THAT IS NOT USED BY THE PEDESTRIAN FOR ACCESS.
10. THE DETAILS DEPICT PEDESTRIAN PUSHBUTTON POLES TO ILLUSTRATE THE RECOMMENDED PLACEMENT OF PEDESTRIAN PUSHBUTTONS. FOR ALTERATION PROJECTS, PROVIDE ACCESS TO EXISTING PEDESTRIAN PUSHBUTTONS TO THE MAXIMUM EXTENT FEASIBLE. INSTALL PEDESTRIAN PUSHBUTTON STUB POLES, WHERE APPLICABLE, SO AS NOT TO CREATE PEDESTRIAN OBSTRUCTIONS.
11. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED. US CUSTOMARY UNITS IN () PARENTHESIS.
12. ALIGN DETECTABLE WARNING SURFACE TRUNCATED DOMES ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF THE RAMP AND PERPENDICULAR TO CURB.
13. PROVIDE DETECTABLE WARNING SURFACES (DWS) 610 (24") MINIMUM (IN THE DIRECTION OF PEDESTRIAN TRAVEL) ACROSS FULL WIDTH OF RAMP AT THE GRADE BREAK NEAR STREET EDGE. PROVIDE DWS THAT CONTRAST VISUALLY WITH ADJACENT WALKWAY SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT FOR THE FULL WIDTH OF RAMP.
14. FOR NEW CONSTRUCTION, DO NOT EXCEED 2.00% CROSS SLOPE ON THE CURB RAMP OR PEDESTRIAN ACCESSIBLE ROUTE.
15. FOR NEW CONSTRUCTION AND ALTERATIONS, CONSTRUCT CURB RAMP AND FLARE SLOPES WITH THE FLATTEST SLOPE POSSIBLE. THE SLOPES INDICATED IN THE DETAILS SHOW THE MAX SLOPE ALLOWABLE. SLOPES THAT EXCEED THOSE INDICATED IN THE DETAILS, OR CONTRACT DOCUMENTS AS APPLICABLE, WILL NOT BE ACCEPTED AND WILL BE RECONSTRUCTED.
16. CONSTRUCT SIDEWALKS AT A LONGITUDINAL SLOPE NOT TO EXCEED 5.00%. FOR ROADWAY PROFILE SLOPES THAT EXCEED 5.00%, CONSTRUCT PARALLEL SIDEWALKS ADJACENT TO ROADWAY AT A LONGITUDINAL SLOPE NOT TO EXCEED ROADWAY PROFILE SLOPE.
17. THE CHANGE IN GRADE AT THE BOTTOM OF THE CURB RAMP AND ADJOINING ROAD SURFACE IS NOT TO EXCEED AN ALGEBRAIC DIFFERENCE OF 11.00%. THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A CURB RAMP, LANDING OR BLENDED TRANSITION IS NOT TO EXCEED 5.00%. SEE SHEET 8 FOR DETAILS.
18. THE CONSTRUCTION STANDARDS DEPICTED ARE MOST APPROPRIATE FOR NEW CONSTRUCTION. ALL CONSTRUCTION MUST MEET THE STANDARDS CONTAINED HEREIN UNLESS OTHERWISE NOTED OR DIRECTED.
19. ALL SLOPES ARE MEASURED WITH RESPECT TO A LEVEL PLANE. THEREFORE, THE LENGTH OF RAMP IS NOT SOLELY DEPENDANT ON THE HEIGHT OF CURB. (FOR EXAMPLE, A 150 (6") CURB DOES NOT NECESSARILY MEAN A RAMP LENGTH OF 1830 (6'-0") FOR A 12:1 (1:12) SLOPE.
20. SIDEWALK WIDTH MAY BE REDUCED TO 1220 (4'-0"), WHEN PASSING AREAS 1525 X 1525 (5'-0" X 5'-0") ARE PROVIDED EVERY 61 METERS (200').
21. THE TRAVEL LANE IS DEFINED BY THE OUTSIDE EDGE OF THE WHITE PAVEMENT MARKING LINE. IF A WHITE PAVEMENT MARKING LINE DOES NOT EXIST, THE TRAVEL LANE IS DEFINED BY THE CONTRACT DOCUMENTS.
22. CONSTRUCT DEPRESSED CURB FOR CURB RAMPS FLUSH TO ADJACENT ROADWAY. GRADE EDGE OF ROAD ELEVATIONS AT THE FLOW LINE TO ENSURE POSITIVE DRAINAGE AND PREVENT PONDING. FOR LEVEL LANDINGS BEHIND DEPRESSED CURB, ADJUST SLOPES TO PROVIDE POSITIVE DRAINAGE.
23. CHEEK WALLS ARE PERMITTED WHEN ADJACENT TO NON-WALK AREAS OR ELEVATION DIFFERENCES CANNOT BE ACCOMMODATED BY FLARES OR GRADING. GRADE GRASS AREAS OR OTHER NON-WALK AREAS AT 3:1 (1:3) MAXIMUM. DO NOT INSTALL CHEEK WALLS THAT INTERSECT THE PEDESTRIAN ACCESS ROUTE.
24. CONSTRUCT TOP OF PLAIN CEMENT CONCRETE DEPRESSED CURB TO BE FLUSH WITH ADJACENT SURFACES (RAMPS, SIDEWALKS, FLARES).
25. FOR CURB RAMPS THAT LEAD TO A SINGLE CROSSWALK, THE RAMP (EXCLUDING FLARES) TO BE FULLY INSIDE OF MARKED CROSSWALK LINES. SEE SHEET 7 FOR DETAILS.
26. A 1220 (4'-0") MAXIMUM DIGITAL DISPLAY LEVEL WILL BE USED TO VERIFY THE SLOPES OF CURB RAMPS AND SIDEWALKS.
27. DETECTABLE WARNING SURFACES SHALL BE CAST-IN-PLACE POLYMER COMPOSITE BY "ARMOR-TILE" AS MANUFACTURED BY ENGINEERED PLASTICS INC., OR APPROVED EQUAL. FEDERAL COLOR NUMBER 22144.

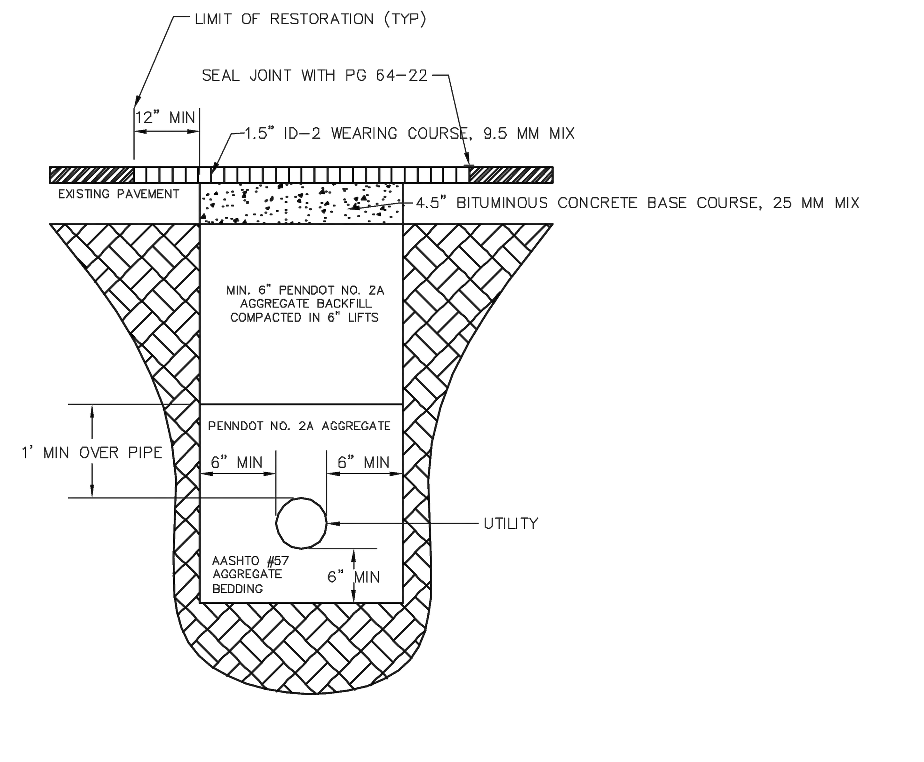
DETAIL- ADA CURB RAMP AND NOTES
N.T.S.



ALLEY INTERSECTION WITH BOROUGH STREET DETAIL
N.T.S.

NOTES:
1. CONDITION OF EXISTING CURB, SIDEWALK AND ALLEY SHALL BE INSPECTED BY THE BOROUGH INSPECTOR, AND A DETERMINATION WILL BE MADE AS TO THE EXTENT OF REPLACEMENT REQUIRED.
2. CONCRETE CURB SHALL BE INSTALLED WHERE NO CURB EXISTS CURRENTLY. CURB RETURNS SHALL BE INSTALLED TO THE RIGHT-OF-WAY LINE.
3. THE ALLEY SHALL BE RESTORED AS DIRECTED BY THE BOROUGH INSPECTOR. ALLEY RESTORATIONS WITHIN THE RIGHT-OF-WAY OF THE ADJOINING BOROUGH STREET SHALL BE IN ACCORDANCE WITH BOROUGH STREET RESTORATION STANDARDS.

DETAIL- ALLEY INTERSECTION WITH BOROUGH STREET
N.T.S.

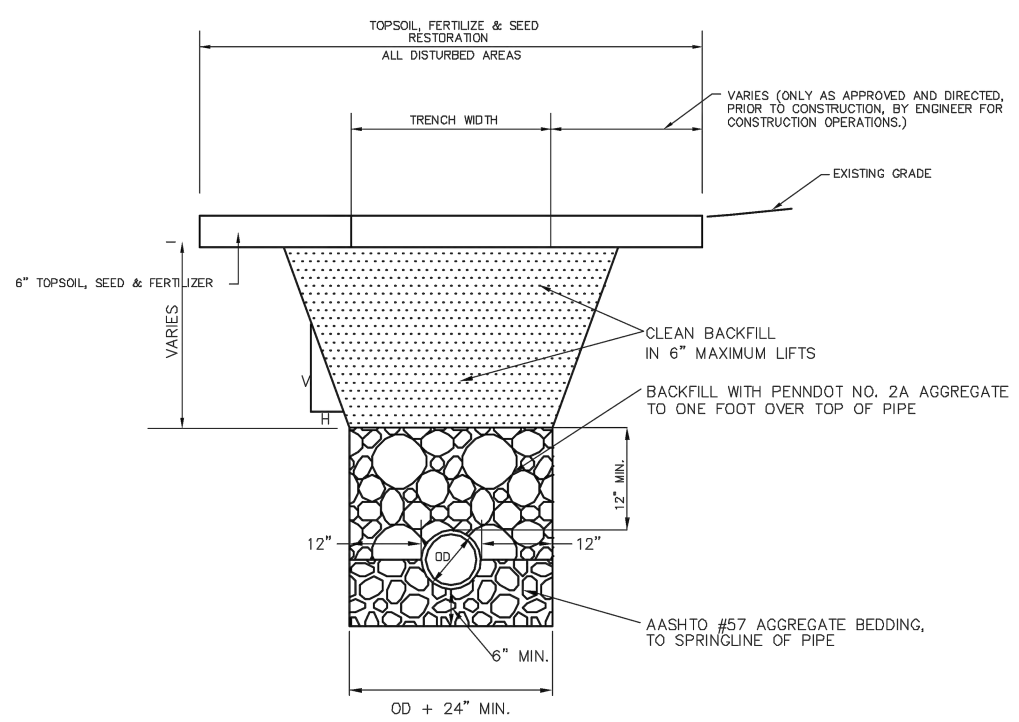


UTILITY LATERAL TRENCH RESTORATION
(PERPENDICULAR TO ROADWAY)
N.T.S.

NOTE:
1. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE WIDTH OF TRENCH.
2. FOR UTILITY MAIN TRENCH RESTORATION SEE DETAIL-12
3. RESTORATIONS ON STATE HIGHWAYS REQUIRE PENNDOT APPROVAL.
4. TRENCHES SHALL BE PUMPED THROUGH A FILTER BAG WHEN DEWATERING.
5. THE CONTRACTOR IS SOLEY RESPONSIBLE FOR TRENCH SAFETY.
6. ALL LATERAL TRENCHES SHALL BE REPAIRED USING AN INFRARED SEAMLESS REPAIR METHOD.

SPECIAL NOTE:
1. UTILITY PATCHES WITHIN FIVE (5) FEET OF OTHER UTILITY PATCHES SHALL BE JOINED IN ORDER TO LIMIT THE NUMBER OF JOINTS IN THE PAVEMENT. THE PAVEMENT INTERFACE WITH THE CURB IS CONSIDERED A JOINT. PATCHES WITHIN FIVE (5) OF THE CURB SHALL BE EXTENDED TO THE CURB.

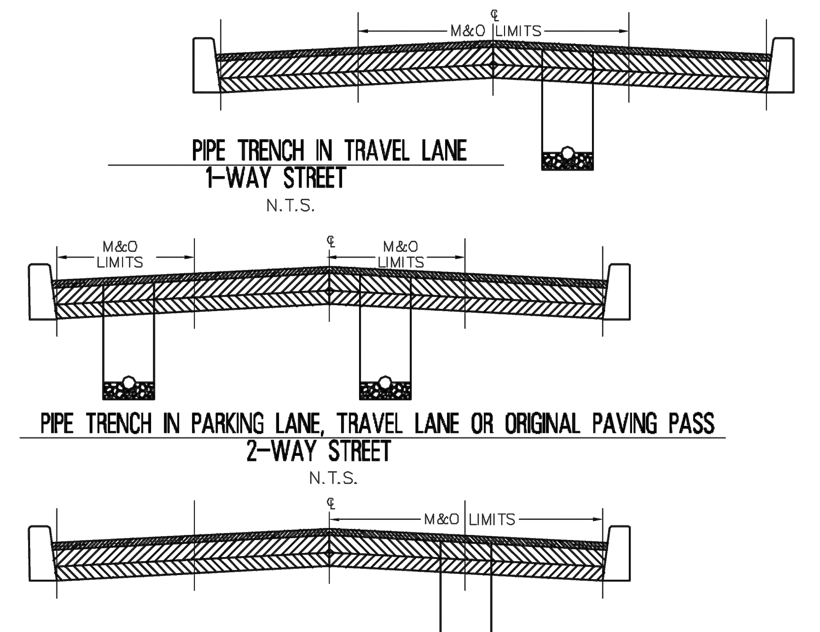
DETAIL- UTILITY LATERAL TRENCH RESTORATION
N.T.S.



TYPICAL TRENCH DETAIL FOR GRASSED AREA
N.T.S.

NOTE:
1. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE WIDTH OF TRENCH.
2. TRENCHES SHALL BE PUMPED THROUGH A FILTER BAG WHEN DEWATERING.
3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR TRENCH SAFETY.

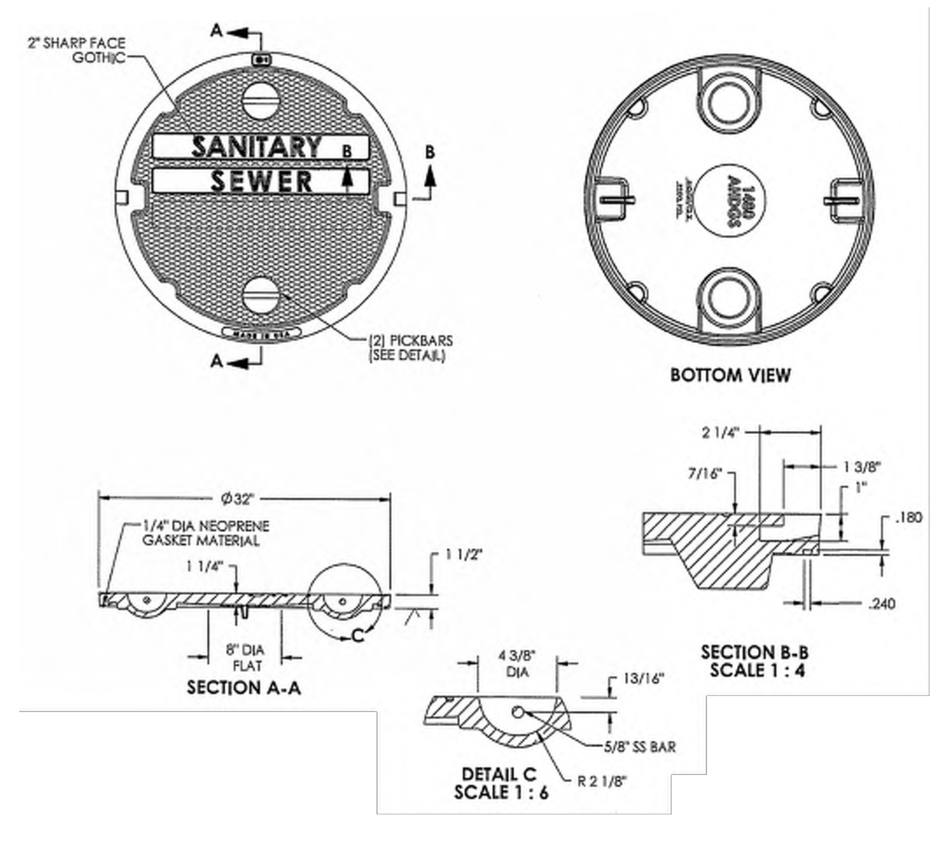
DETAIL- TYPICAL TRENCH DETAIL FOR GRASSED AREA
N.T.S.



PIPE TRENCH AFFECTING 2 LANES OR ORIGINAL PAVING PASSES
2-WAY STREET
N.T.S.

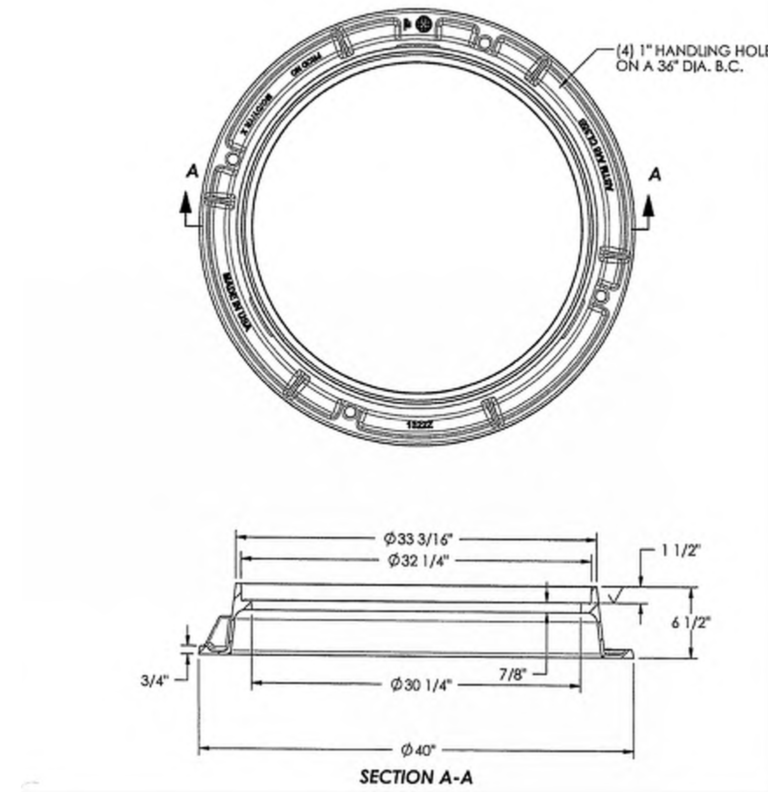
NOTES:
1. UTILITY MAIN REPAIRS OR REPLACEMENTS WILL REQUIRE COMPLETE MILL AND OVERLAY OF THE PARKING LANE, TRAVEL LANE OR ORIGINAL PAVING PASS IN WHICH THE REPAIR FALLS. MAIN REPAIRS OR REPLACEMENTS WHICH REQUIRE TRENCHING ACROSS TWO (2) TRAVEL LANES, A TRAVEL LANE AND A PARKING LANE, OR ACROSS TWO ORIGINAL PAVING PASSES WILL REQUIRE COMPLETE MILL AND OVERLAY OF THE TRAVEL LANE(S) AND/OR PARKING LANE(S) AFFECTED.
2. THE EXACT LIMITS OF PAVING SHALL BE DETERMINED IN THE FIELD. THE BOROUGH RESERVES THE RIGHT TO ADJUST THE PAVING LIMITS IN ORDER TO MATCH THE SEAMS FROM THE ORIGINAL PAVING OPERATION OR OTHERWISE TO PRESERVE TO THE INTEGRITY OF THE ROAD TO THE GREATEST EXTENT PRACTICAL.
3. PAVING LIMITS SHALL BE EXPANDED TO INCLUDE ALL DISTURBANCE FROM LATERAL OF SERVICE INSTALLATIONS
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL PAVEMENT MARKINGS REMOVED BY THE UTILITY CONSTRUCTION.

DETAIL- STREET DEGRADATION RESURFACING
N.T.S.



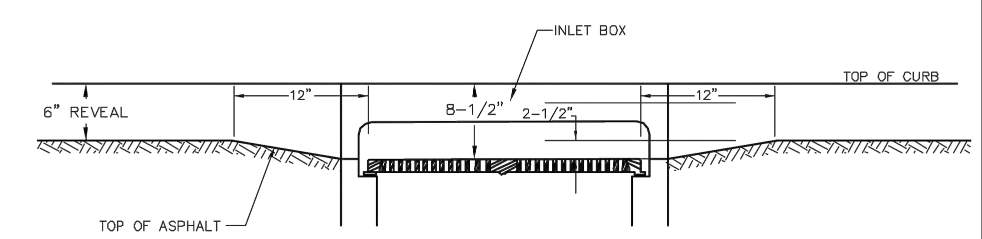
NOTES:
1. ALL MATERIAL GRAY CAST IRON SUITABLE FOR HIGHWAY LOADING.
2. COVER SHALL HAVE THE WORDS "SANITARY SEWER" CAST THEREON. FOR WATER CHAMBERS, THE INSCRIPTION SHALL BE "WATER" INSTEAD OF "SANITARY SEWER".
3. MANUFACTURED BY EAST JORDAN IRON WORKS, PRODUCT NUMBER 00148122.

DETAIL- STANDARD 32" MANHOLE COVER
N.T.S.

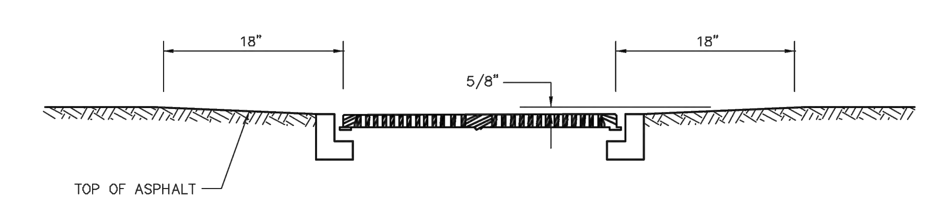


NOTES:
1. ALL MATERIAL GRAY CAST IRON SUITABLE FOR HIGHWAY LOADING.
2. PROVIDE FOUR (4) S.S. ANCHOR BOLT HOLES, 3/4" DIA. MINIMUM.
3. MANUFACTURED BY EAST JORDAN IRON WORKS, PRODUCT NUMBER 00132212.

DETAIL- STANDARD 32" MANHOLE FRAME
N.T.S.



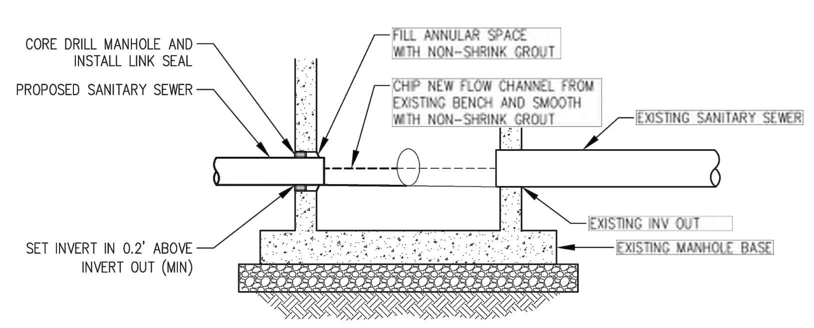
RECESSED INLET GRATE DETAIL
N.T.S.



RECESSED MANHOLE COVER DETAIL
N.T.S.

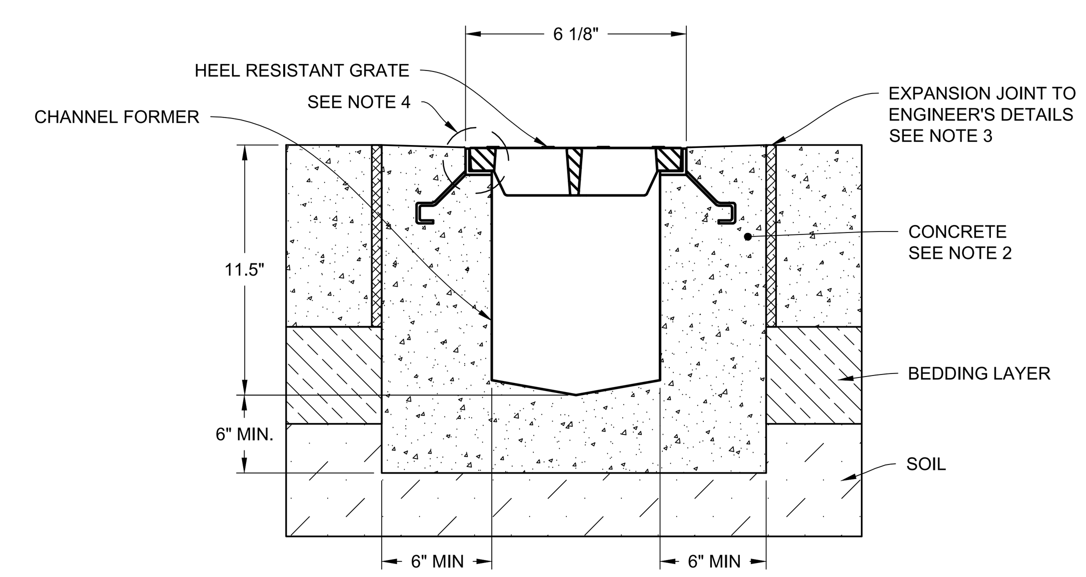
NOTES:
1. CONTRACTOR SHALL MAKE EVERY EFFORT TO ADHERE TO THESE DETAILS. SHOULD FIELD CONDITIONS INHIBIT THE CONTRACTOR FROM MEETING THE REQUIRED DIMENSIONS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
2. THESE DETAILS APPLY TO BOTH ROADWAY REHABILITATIONS, UTILITY TRENCH RESTORATION AND NEW CONSTRUCTION.
3. CURB REVEALS SHALL BE 6" UNLESS OTHERWISE DIRECTED.

DETAIL- RECESSED INLET GRATE AND MANHOLE COVER
N.T.S.

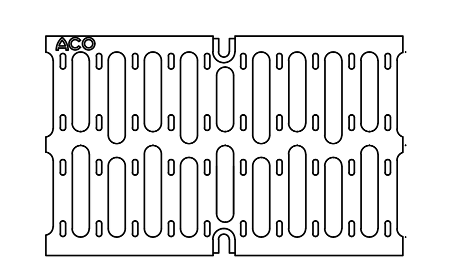


PROPOSED CONNECTION TO EXISTING MANHOLE
CONSTRUCTION DETAIL S-35

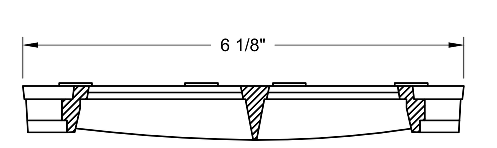
DETAIL- CONNECTION TO EXISTING MANHOLE
N.T.S.



NOTES:
1. IT IS NECESSARY TO ENSURE THE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR THE EXISTING GROUND CONDITIONS.
2. A MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. THE CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CRACK CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL AND THE CONCRETE SURROUND.
4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" ABOVE THE TOP OF THE FRAME EDGE.
5. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR COMPLETE DETAILS.
6. ACO POLYMER PRODUCTS, INC.
12080 RAVENNA ROAD
PO BOX 245
CHARDON, OHIO 44024
TEL:(440) 285-7000 X259
FAX:(440) 285-8517



PLAN VIEW



SECTION VIEW

NOTE:
1. ALL GRATES TO BE DUCTILE IRON POWERDRAIN S100K ADA GRATES FROM ACO DRAIN.

ACO POLYMER PRODUCTS, INC.
12080 RAVENNA ROAD
PO BOX 245
CHARDON, OHIO 44024
TEL:(440) 285-7000 X259
FAX:(440) 285-8517

DETAIL- TRENCH DRAIN
N.T.S.

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE081604

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

SITE DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATE; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	N.T.S.
DRAWN BY	SWC
APPROVED BY	CAS

CS6002

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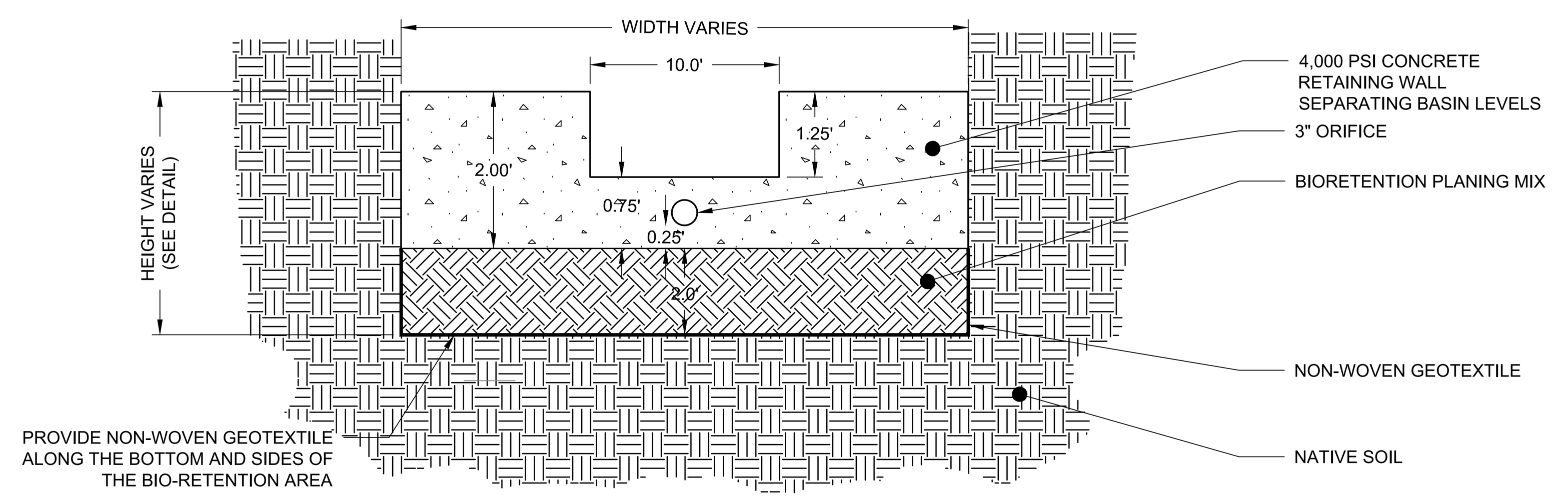


DETAIL- BIO-RETENTION BASIN - TYPICAL WEIR SECTION
N.T.S.

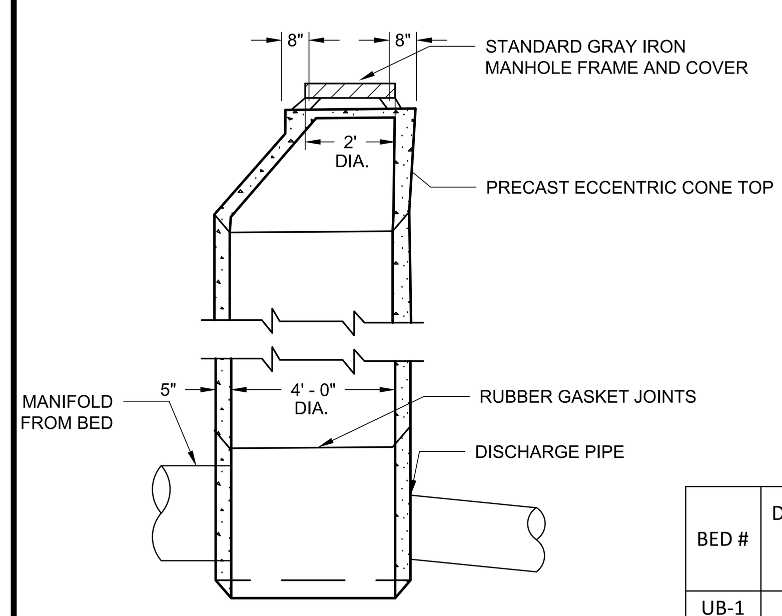
SEQUENCE OF CONSTRUCTION (BIORETENTION):

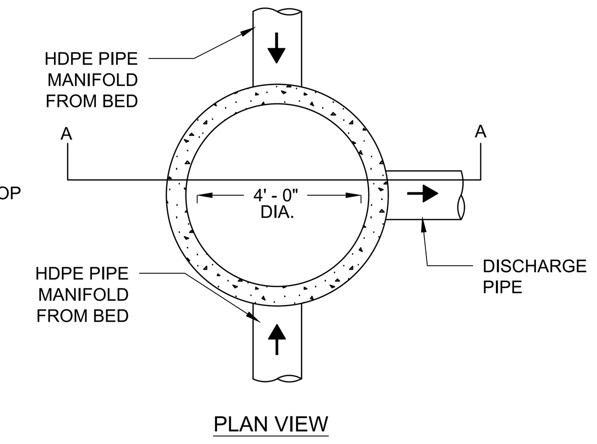
1. CLEARLY DELINEATE THE PROPOSED BIORETENTION AREAS BEFORE BEGINNING ANY EARTH MOVING ACTIVITIES.
2. COMPLETE THE SITE ROUGH GRADING AND STABILIZE THE DISTURBED AREAS. DO NOT FINALIZE BIORETENTION BASIN EXCAVATION AND CONSTRUCTION UNTIL THE DRAINAGE AREA IS FULLY STABILIZED.
3. *EXCAVATE BIORETENTION AREAS TO PROPOSED INVERT DEPTH AND SCARIFY THE EXISTING SOIL SURFACES IN ACCORDANCE WITH THE SOIL SPECIFICATIONS.
4. *BACKFILL EXCAVATED AREA AS SOON AS THE SUBGRADE PREPARATION IS COMPLETE TO AVOID ACCUMULATION OF DEBRIS. PLACE BIORETENTION SOIL IN 12-18 INCHES LIFTS AND TAMP LIGHTLY. SLIGHT OVERFILLING MIGHT BE NECESSARY TO ACCOUNT FOR SETTLEMENT.
5. AFTER ALLOWING FOR SETTLEMENT, COMPLETE FINAL GRADING WITHIN ABOUT 2 INCHES OF THE PROPOSED DESIGN ELEVATIONS, LEAVING SPACE FOR THE TOP DRESSING OF MULCH.
6. SEED AND PLANT VEGETATION AS INDICATED ON LANDSCAPE DRAWINGS.
7. HAND GRADE TO FINAL ELEVATIONS.
8. WATER VEGETATION AT THE END OF EACH WORK DAY FOR TWO WEEKS AFTER PLANTING IS COMPLETED.

*DURING THE SMP INSTALLATION, A LICENSED PROFESSIONAL ENGINEER MUST DOCUMENT THE INFORMATION AND MEASUREMENTS REQUIRED ON THE SMP CONSTRUCTION CERTIFICATION FORMS WITHIN THE CERTIFICATION PACKAGE.CONTRACTOR TO CONTACT ENGINEER IF BASIN DOES NOT EMPTY IN 72 HOURS OR LESS.

NOTES:

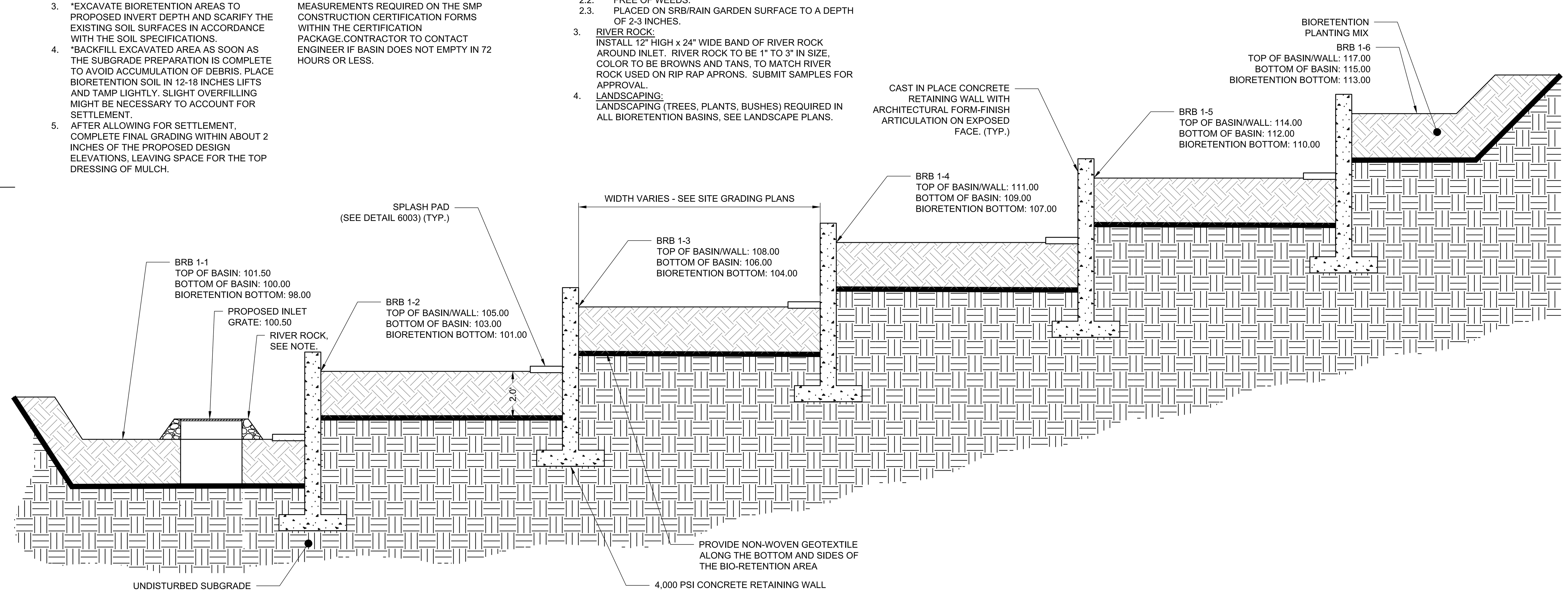
1. BIORETENTION PLANTING MIX:
   50-60% CONSTRUCTION SAND
   20-30% TOPSOIL WITH LESS THAN 5% CLAY CONTENT
   20-30% ORGANIC LEAF COMPOST
   SEE SPECIFICATIONS FOR MORE INFORMATION.
2. BIORETENTION MULCH:
   2.1. AGED, DOUBLE-SHREDDED HARDWOOD BARK MULCH OR COMPOSTED LEAF MULCH.
   2.2. FREE OF WEEDS.
   2.3. PLACED ON SRB/RAIN GARDEN SURFACE TO A DEPTH OF 2-3 INCHES.
3. RIVER ROCK:
   INSTALL 12" HIGH x 24" WIDE BAND OF RIVER ROCK AROUND INLET. RIVER ROCK TO BE 1" TO 3" IN SIZE, COLOR TO BE BROWNS AND TANS, TO MATCH RIVER ROCK USED ON RIP RAP APRONS. SUBMIT SAMPLES FOR APPROVAL.
4. LANDSCAPING:
   LANDSCAPING (TREES, PLANTS, BUSHES) REQUIRED IN ALL BIORETENTION BASINS, SEE LANDSCAPE PLANS.
5. NON-WOVEN GEOTEXTILE FABRIC:
   NEEDLED NON-WOVEN POLYPROPYLENE FIBERS MEETING THE FOLLOWING PROPERTIES:
   GRAB TENSILE STRENGTH (ASTM-D4632)>=120LBS
   MULLEN BURST STRENGTH (ASTM-D3786)>=225LBS
   FLOW RATE (ASTM-D4491)>=95GAL/MIN/SF
   UV RESISTANCE AFTER 500 HRS (ASTM-D4355)>=70%
   HEAT-SET OR HEAT CALENDARED FABRICS ARE NOT PERMITTED



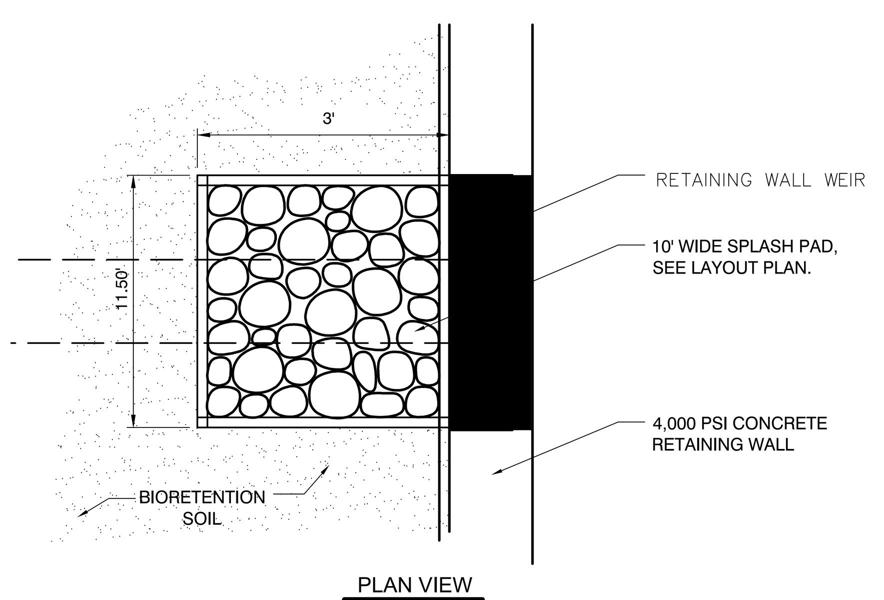


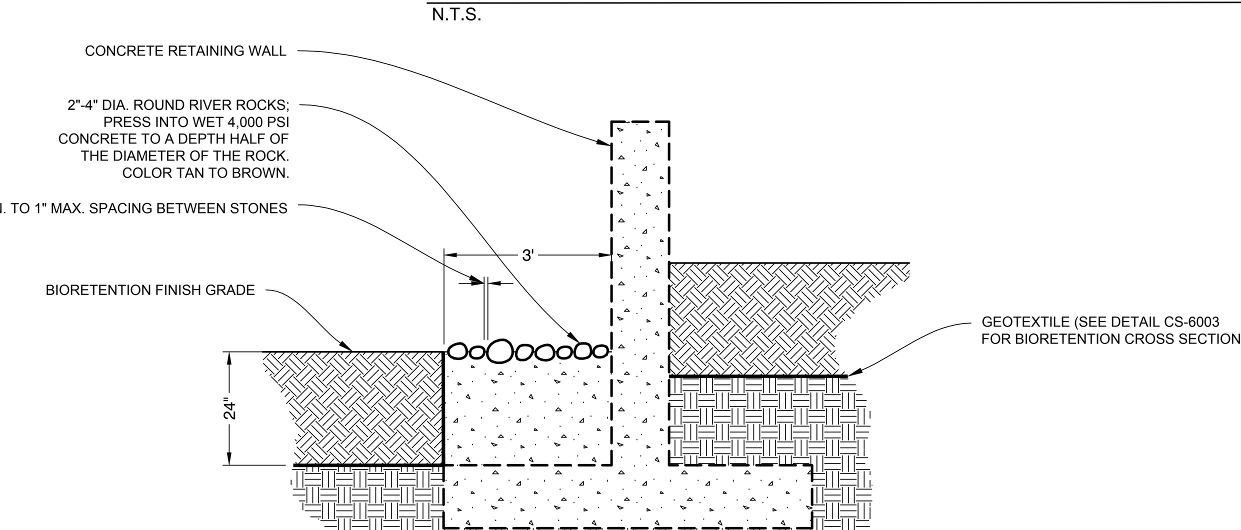
BED #	DISCHARGE PIPE DIA (IN)	DISCHARGE PIPE INV	BOTTOM OF BASIN ELEV.
UB-1	18	110.42	110.00

DETAIL- UNDERGROUND BASIN OUTLET STRUCTURE
N.T.S.

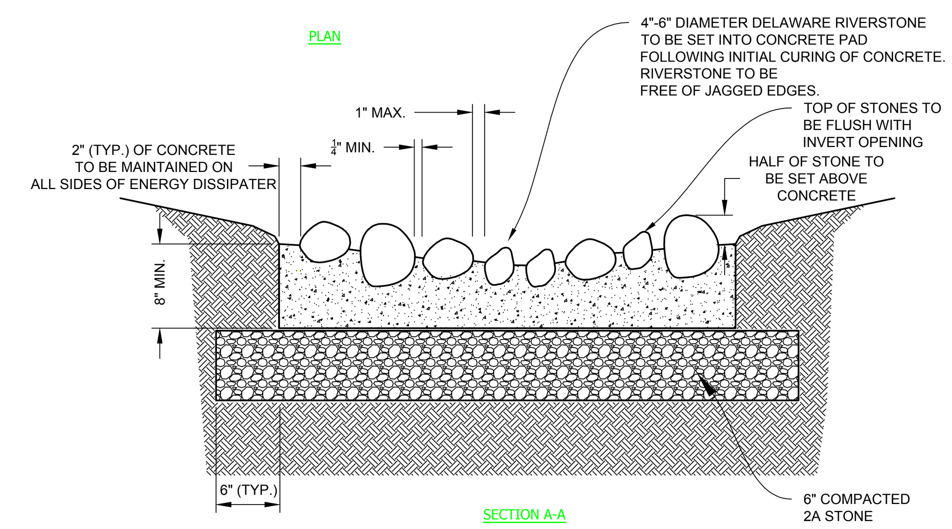


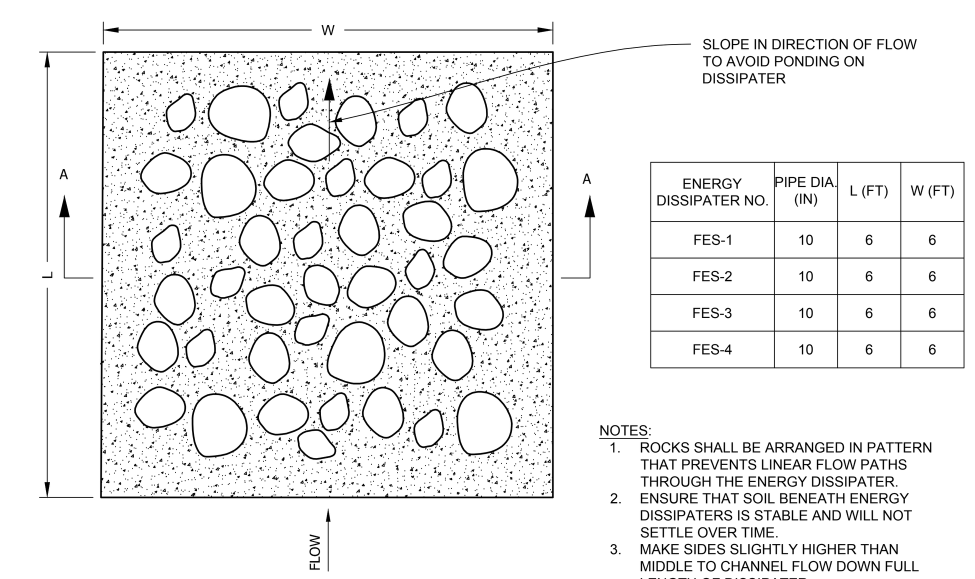
DETAIL- BIORETENTION BASIN - TYPICAL SECTION VIEW
N.T.S.





DETAIL- BIORETENTION BASIN SPLASH PAD
N.T.S.

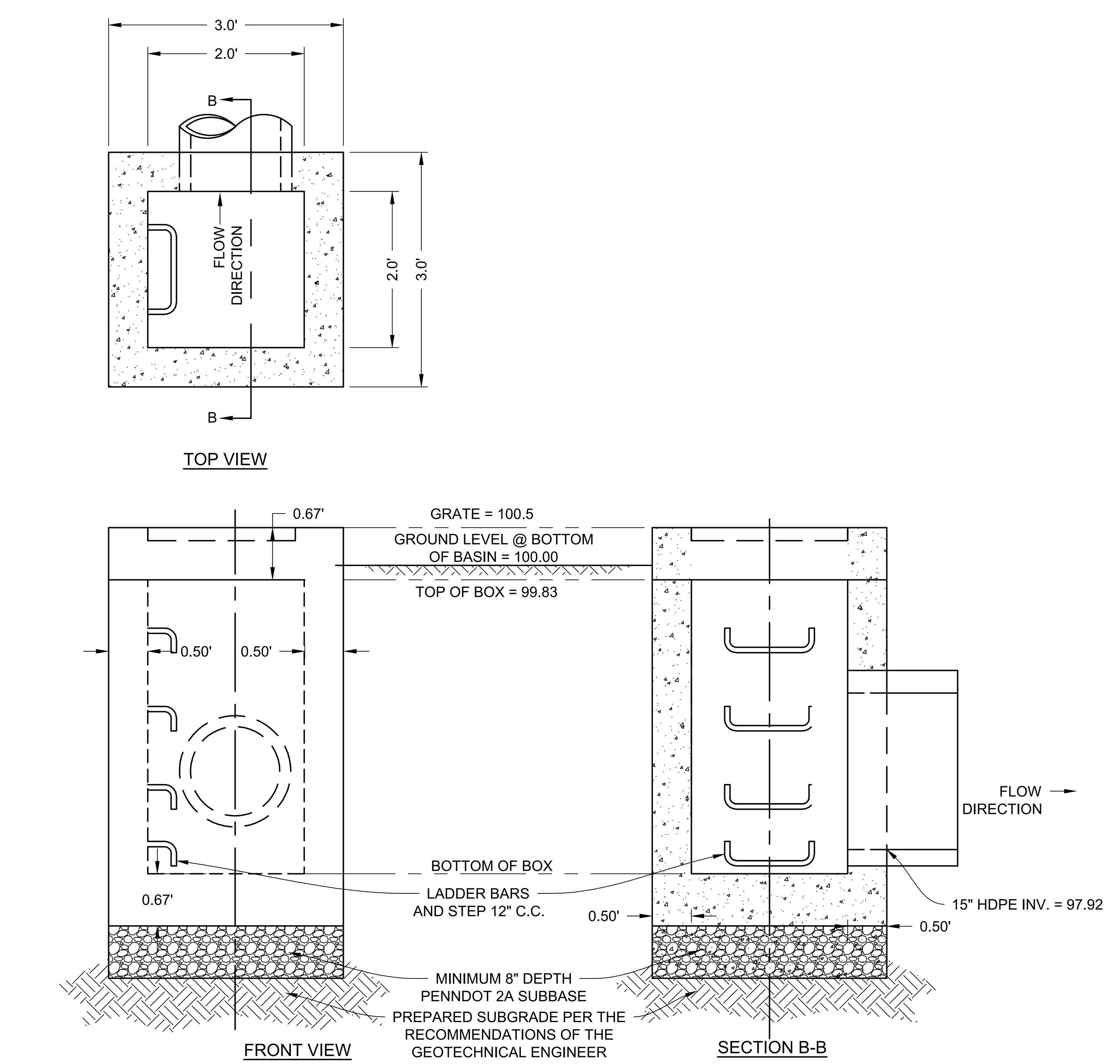




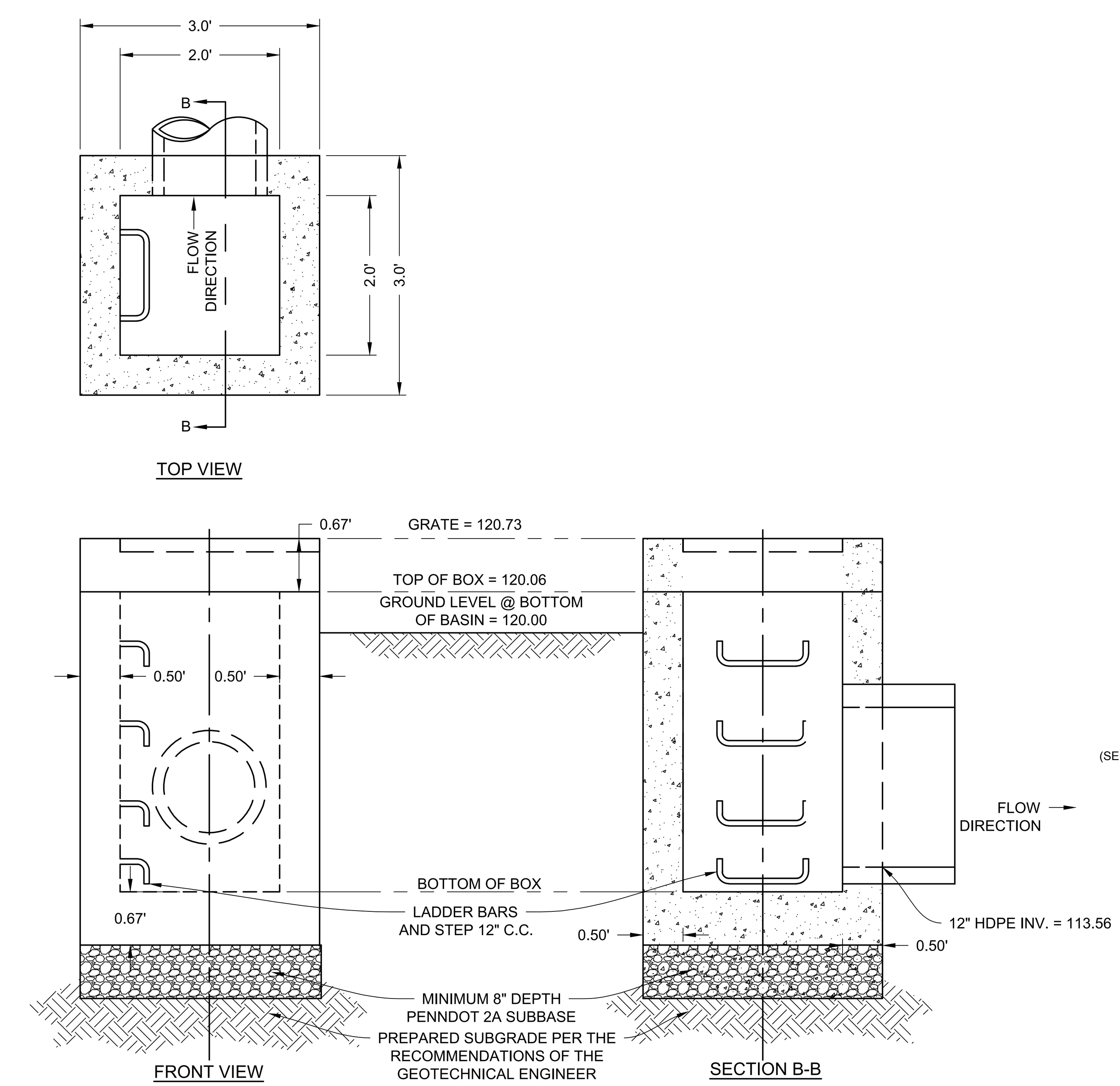
ENERGY DISSIPATER NO.	PIPE DIA. (IN)	L (FT)	W (FT)
FES-1	10	6	6
FES-2	10	6	6
FES-3	10	6	6
FES-4	10	6	6

NOTES:
1. ROCKS SHALL BE ARRANGED IN PATTERN THAT PREVENTS LINEAR FLOW PATHS THROUGH THE ENERGY DISSIPATER.
2. ENSURE THAT SOIL BENEATH ENERGY DISSIPATERS IS STABLE AND WILL NOT SETTLE OVER TIME.
3. MAKE SIDES SLIGHTLY HIGHER THAN MIDDLE TO CHANNEL FLOW DOWN FULL LENGTH OF DISSIPATER.

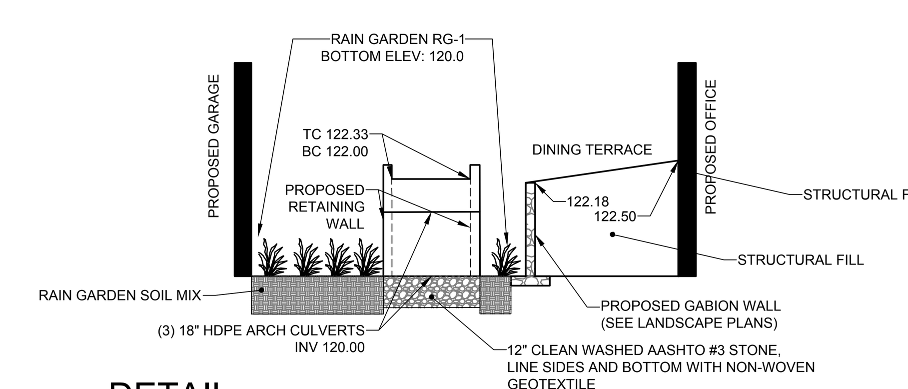
DETAIL- SCOUR PROTECTION
N.T.S.



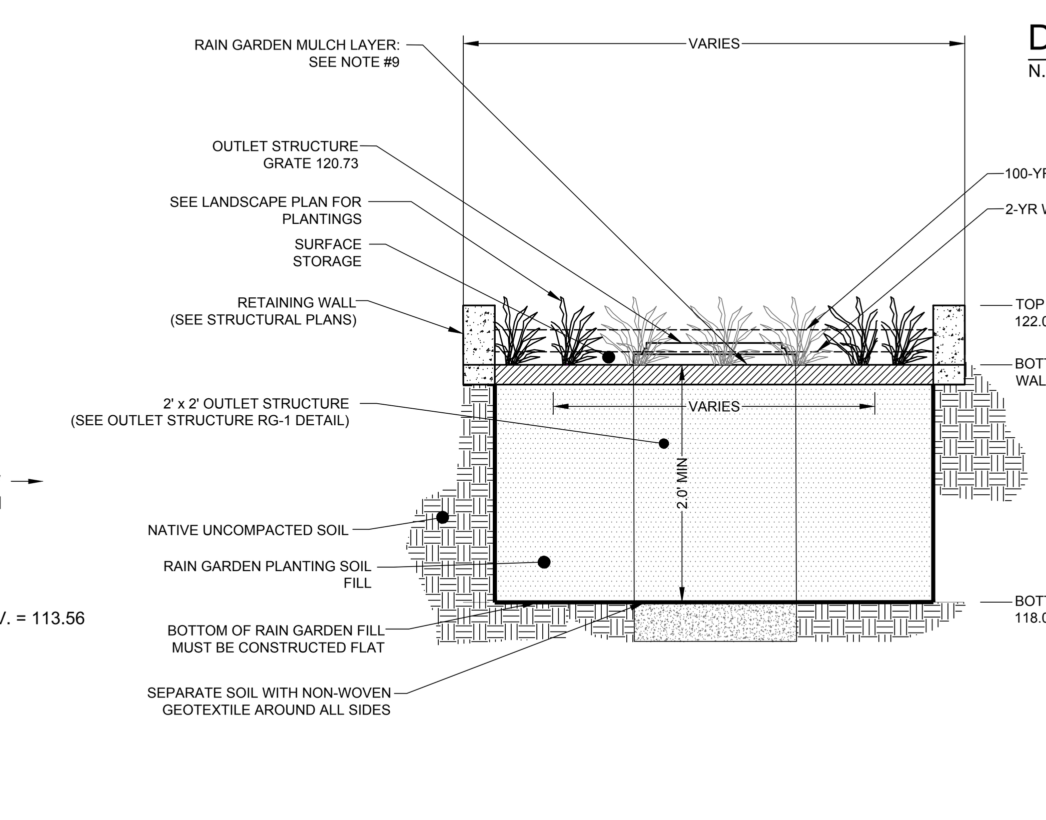
DETAIL - OUTLET STRUCTURE - BRB-1
N.T.S.



DETAIL - OUTLET STRUCTURE - RG-1
N.T.S.



DETAIL- RAIN GARDEN SECTION
N.T.S



DETAIL- RAIN GARDEN - TYPICAL SECTION
N.T.S.

RAIN GARDEN SEQUENCE OF CONSTRUCTION:

1. CLEARLY DELINEATE THE PROPOSED RAIN GARDEN AREA BEFORE BEGINNING ANY EARTH MOVING ACTIVITIES TO AVOID COMPACTION OF THE AREAS. AREAS SHALL BE SURROUNDED BY FABRIC FILTER FENCING TO AVOID ANY SEDIMENT FROM BUILDING UP.
2. COMPLETE THE SITE ROUGH GRADING AND STABILIZE THE DISTURBED AREAS. DO NOT FINALIZE RAIN GARDEN EXCAVATION AND CONSTRUCTION UNTIL THE DRAINAGE AREA IS FULLY STABILIZED.
3. EXCAVATE RAIN GARDEN AREAS TO PROPOSED INVERT DEPTH AND MANUALLY SCARIFY THE EXISTING SOIL SURFACES. DO NOT COMPACT IN-SITU SOILS. HEAVY EQUIPMENT SHALL NOT BE USED WITHIN THE RAIN GARDEN BASIN FOOTPRINT. ALL EQUIPMENT SHALL BE KEPT OUT OF THE EXCAVATED AREA TO THE MAXIMUM EXTENT POSSIBLE.
4. INSTALL NON-WOVEN GEOTEXTILE FABRIC OVER STONE AND SUBGRADE AS SHOWN.
5. BACKFILL EXCAVATED AREA AS SOON AS THE SUBGRADE PREPARATION IS COMPLETE TO AVOID ACCUMULATION OF DEBRIS. PRESOAK SOIL AT LEAST ONE DAY PRIOR TO FINAL GRADING AND LANDSCAPING TO ALLOW FOR SETTLEMENT. PLACE RAIN GARDEN SOIL IN 12-18 INCHES LIFTS AND TAMP LIGHTLY. SLIGHT OVERFILLING MIGHT BE NECESSARY TO ACCOUNT FOR SETTLEMENT.
6. AFTER ALLOWING FOR SETTLEMENT, COMPLETE FINAL GRADING WITHIN ABOUT 2 INCHES OF THE PROPOSED DESIGN ELEVATIONS, LEAVING SPACE FOR THE TOP DRESSING OF MULCH.
7. SEED AND PLANT VEGETATION AS INDICATED AND PER THE SPECIFICATIONS.
8. PLACE MULCH AND HAND GRADE TO FINAL ELEVATIONS.
9. WATER VEGETATION AT THE END OF EACH WORK DAY FOR TWO WEEKS AFTER PLANTING IS COMPLETED.
10. CONTINUE TO WATER REGULARLY DURING THE FIRST YEAR TO ENSURE SUCCESSFUL ESTABLISHMENT.

NOTES:
1. IN RAIN GARDEN AREA DO NOT MOUND MULCH AROUND PLANTS.
2. A. RAIN GARDEN PLANTING MIX:
   - SAND (0.05 TO 2.0mm) 50-85%
   - SILT (0.002 TO 0.05mm) 40% MAX
   - CLAY (<0.002mm) 10% MAX
   - GRAVEL (2.0 TO 12.7 mm) 15% MAX
   B. PERMEABILITY OF AT LEAST 1.0 FT/DAY (0.5 INCHES/HOUR)
   C. FREE OF STONES, STUMPS, ROOTS, OR OTHER WOODY MATERIAL OVER 1 INCH IN DIAMETER.
   D. FREE OF BRUSH OR SEEDS FROM NOXIOUS WEEDS.
3. SURFACE OF RAIN GARDEN SYSTEM MUST BE CONSTRUCTED FLAT
4. CLEAN WASHED STONE IS DEFINED AS HAVING LESS THAN 0.5% WASH LOSS, BY MASS, WHEN TESTED PER THE AASHTO T-11 WASH LOSS TEST.
5. RAIN GARDEN MULCH:
   A. MULCH TO BE AGED, DOUBLE-SHREDDED HARDWOOD BARK MULCH OR COMPOSTED LEAF MULCH.
   B. MULCH TO BE FREE OF WEEDS.
   C. MULCH TO BE PLACED ON BIORETENTION SURFACE TO A DEPTH OF 2-3 INCHES..
6. GEOTEXTILE SHALL CONSIST OF NEEDLED NON-WOVEN POLYPROPYLENE FIBERS AND MEET THE FOLLOWING PROPERTIES:
   a. GRAB TENSILE STRENGTH (ASTM-D4632) ≥ 120 LBS
   b. MULLEN BURST STRENGTH (ASTM-D3786) ≥ 225 PSI
   c. FLOW RATE (ASTM-D4491) ≥ 95 GAL/MIN/FT2
   d. UV RESISTANCE AFTER 500 HRS (ASTM-D4355) ≥ 70%
   e. HEAT-SET OR HEAT-CALENDARED FABRICS ARE NOT PERMITTED
7. RAIN GARDEN 1 SHALL BE WRAPPED IN A GEOTEXTILE.

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL CARL ANTHONY ST PIERRE ENGINEER No. PE061034

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	N.T.S.
DRAWN BY	SWC
APPROVED BY	CAS

CS6003

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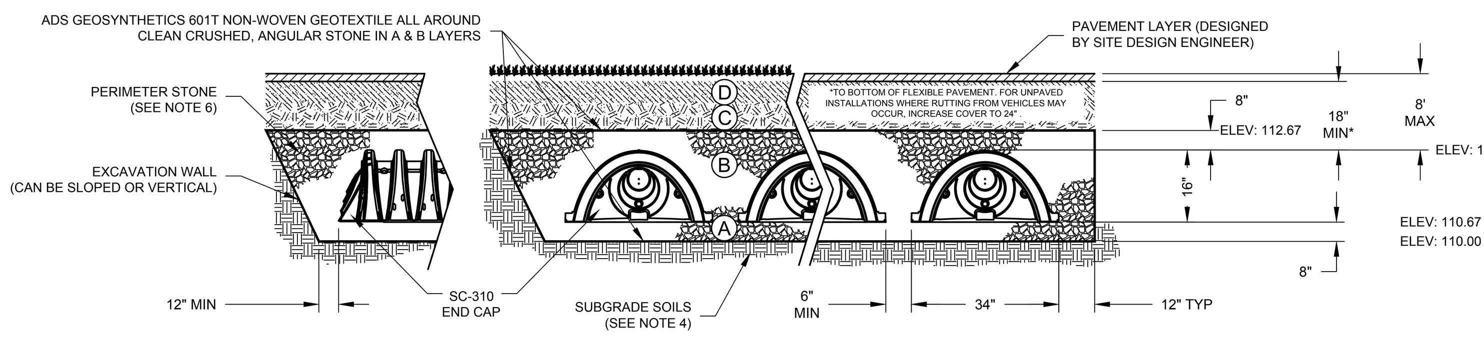
ACCEPTABLE FILL MATERIALS: STORMTECH SC-310 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. [2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



NOTES:

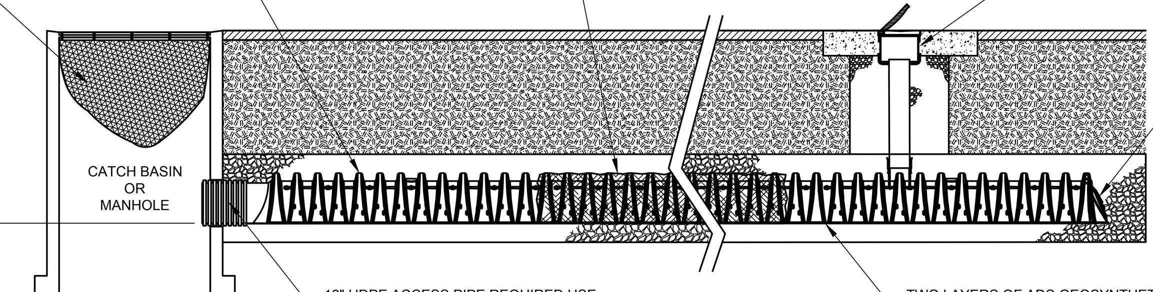
1. SC-310 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. SC-310 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
4. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
5. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
6. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

UNDERGROUND INFILTRATION BASIN SEQUENCE OF CONSTRUCTION:

1. CLEARLY DELINEATE THE PROPOSED BASIN AREA BEFORE BEGINNING ANY EARTH MOVING ACTIVITIES TO AVOID COMPACTION OF THE AREAS.
2. EXCAVATE BED AND PREPARE SUBGRADE.
3. PLACE NON-WOVEN GEOTEXTILE OVER PREPARED SOILS AND UP EXCAVATION WALLS.
4. ***PLACE CLEAN, UNWASHED, ANGULAR STONE FOUNDATION. COMPACT TO ACHIEVE A FLAT SURFACE.**
5. ***INSTALL MANIFOLDS AND LAYOUT WOVEN SCOUR GEOTEXTILE AT INLET ROWS AT EACH INLET END CAP. PLACE A CONTINUOUS PIECE (NO SEAMS, DOUBLE LAYER) ALONG THE ENTIRE LENGTH OF ISOLATOR ROWS.**
6. ALIGN THE FIRST CHAMBER AND END CAP OF EACH ROW WITH INLET PIPES.
7. ***INSTALL CHAMBERS BY OVERLAPPING CHAMBER END CORRUGATIONS. MAINTAIN MINIMUM 6" BETWEEN ROWS.**
8. INITIAL EMBEDMENT SHALL BE SPOTTED ALONG THE CENTERLINE OF THE CHAMBER EVENLY ANCHORING THE LOWER PORTION OF THE CHAMBER.
9. ***BACKFILL CHAMBERS EVENLY. STONE COLUMN HEIGHT SHALL NEVER DIVER BY MORE THAN 12". CONTINUE UNTIL MINIMUM 6" COVER STONE ON TOP OF THE CHAMBERS HAS BEEN INSTALLED.**
10. INSTALL NON-WOVEN GEOTEXTILE OVER STONE. GEOTEXTILE MUST OVERLAP 24" MIN WHERE EDGES MEET.
11. PLACE AND COMPACT BACKFILL.

***CRITICAL STAGE: DURING CONSTRUCTION OF STORMWATER BMPS A LICENSED PROFESSIONAL OR DESIGNEE SHALL BE PRESENT ON THE PROJECT SITE TO DOCUMENT THE INFORMATION AND MEASUREMENTS REQUIRED.**

DETAIL- STORMTECH SC-310 UNDERGROUND CHAMBER SYSTEM (UB-1)
N.T.S.



SC-310 ISOLATOR ROW DETAIL
NTS

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

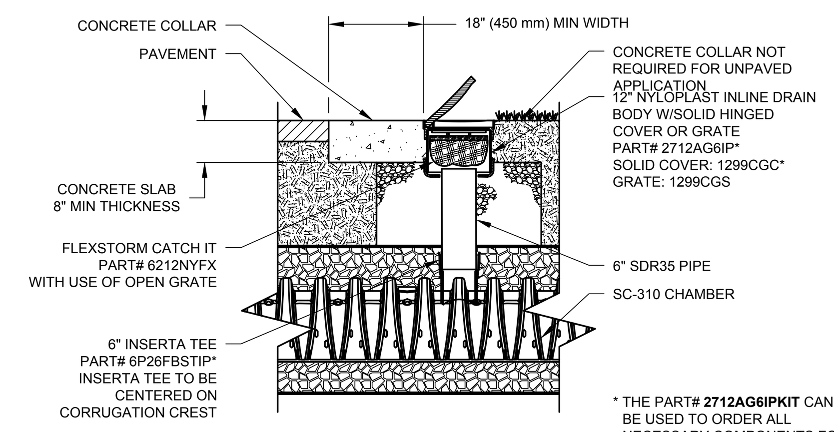
STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

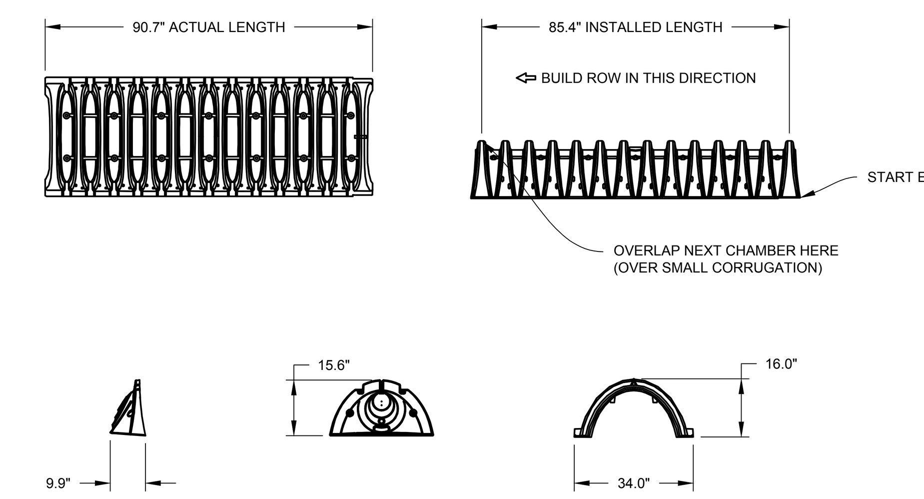
NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



* THE PART# **2712AG6IPKIT** CAN BE USED TO ORDER ALL NECESSARY COMPONENTS FOR A SOLID LID INSPECTION PORT INSTALLATION

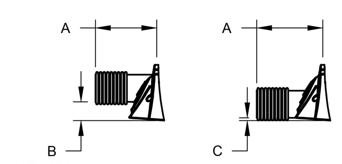
SC-310 6" INSPECTION PORT DETAIL
NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	34.0" X 16.0" X 85.4"	(864 mm X 406 mm X 2169 mm)
CHAMBER STORAGE	14.7 CUBIC FEET	(0.42 m³)
MINIMUM INSTALLED STORAGE*	31.0 CUBIC FEET	(0.88 m³)
WEIGHT	35.0 lbs.	(16.8 kg)

*ASSUMES 6" (152 mm) ABOVE, BELOW, AND BETWEEN CHAMBERS



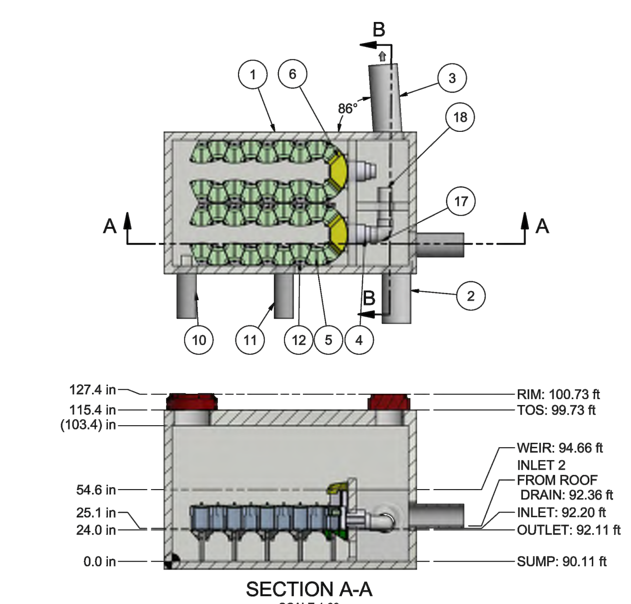
PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
PRE CORED END CAPS END WITH "PC"

PART #	STUB	A	B	C
SC310EPE06T / SC310EPE06TPC	6"	9.6"	5.8"	---
SC310EPE06B / SC310EPE06BPC			---	0.5"
SC310EPE08T / SC310EPE08TPC	8"	11.9"	3.5"	---
SC310EPE08B / SC310EPE08BPC			---	0.6"
SC310EPE10T / SC310EPE10TPC	10"	12.7"	1.4"	---
SC310EPE10B / SC310EPE10BPC			---	0.7"
SC310EPE12B	12"	13.5"	---	0.9"

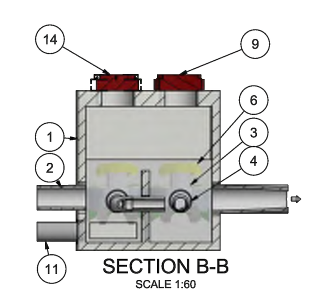
ALL STUBS, EXCEPT FOR THE SC310EPE12B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

* FOR THE SC310EPE12B THE 12" (300 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25" (6 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL



SECTION A-A
SCALE 1:60



SECTION B-B
SCALE 1:60

CAPACITIES:

1. Minimum performance: 80% removal. NJDEP - NJDEP Blend; NJCAT, Sil-Co-Sil 106 (d50 = 22 microns) at the peak treatment flow.
2. NJDEP peak treatment flow: .056 cfs (25 gpm) per module, CPZ
3. Maximum number of modules per outlet module: 38 **

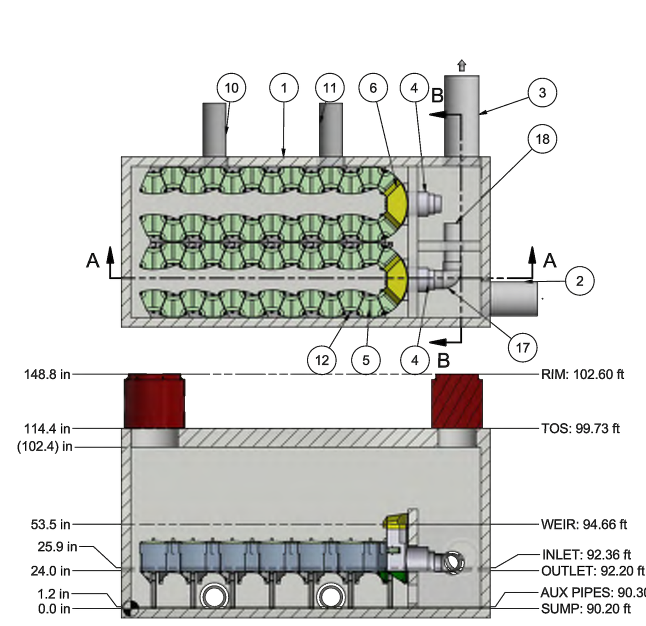
ADDITIONAL DESIGN INFORMATION:

1. * Normal operating W.S.E. is 2.46' above the outlet invert at the peak treatment flow of .056 cfs (25 gpm) per module. For a given flow the head requirement can be reduced by adding additional filters.
2. ** Treatment flows that require more modules will require a larger vault design or different arrangement.
3. Media Types Available: New Jersey - Ribbons; Elsewhere - CPZ
4. PWD Certified Stormwater Treatment Product
5. 2200 gallon treatment capacity to equate to Jellyfish Vault

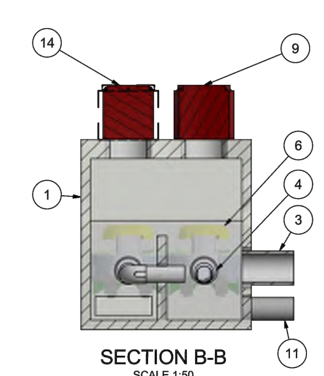
PARTS LIST

ITEM	QTY	DESCRIPTION	SIZE (in)	TYPE
1	1	PRECAST VAULT	8 ft x 15 ft	
2	1	INLET PIPE	18	HDPE
3	1	OUTLET PIPE	18	HDPE
4	2	OUTLET MODULE		
5	36	MODULE LID		
6	2	BYPASS HOOD		
7	6	SUPPORT FRAME		
8	5	CPZ SUPPORT LEG		
9	1	30" FRAME AND COVER	30	
10	1	AUXILLIARY PIPE 1	12	HDPE
11	1	AUXILLIARY PIPE 2	12	HDPE
12	36	MODULE BODY		
13	4	WEDGE WALL MOUNT		
14	2	24" FRAME AND COVER	24	
15	8	SUPPORT FRAME LH		
16	8	SUPPORT FRAME RH		
17	1	ELBOW		
18	1	ELBOW EXTENSION		
19	1	INLET 2 FROM ROOF DRAIN	15	HDPE

DETAIL- UP-FLOW FILTER 8FT x 15FT
N.T.S.



SECTION A-A
SCALE 1:50



SECTION B-B
SCALE 1:50

CAPACITIES:

1. Minimum performance: 80% removal. NJDEP - NJDEP Blend; NJCAT, Sil-Co-Sil 106 (d50 = 22 microns) at the peak treatment flow.
2. NJDEP peak treatment flow: .056 cfs (25 gpm) per module, CPZ
3. Maximum number of modules per outlet module: 38 **

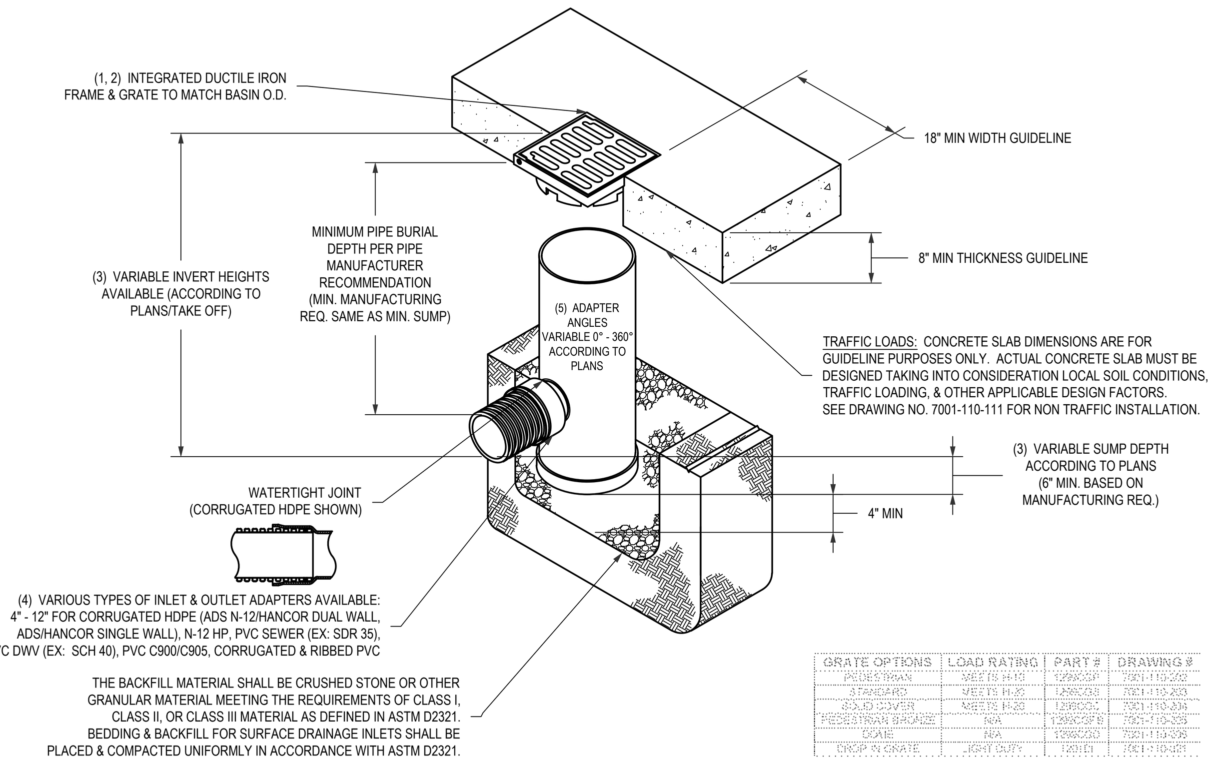
ADDITIONAL DESIGN INFORMATION:

1. * Normal operating W.S.E. is 2.46' above the outlet invert at the peak treatment flow of .056 cfs (25 gpm) per module. For a given flow the head requirement can be reduced by adding additional filters.
2. ** Treatment flows that require more modules will require a larger vault design or different arrangement.
3. Media Types Available: New Jersey - Ribbons; Elsewhere - CPZ
4. PWD Certified Stormwater Treatment Product
5. 2200 gallon treatment capacity to equate to Jellyfish Vault

PARTS LIST

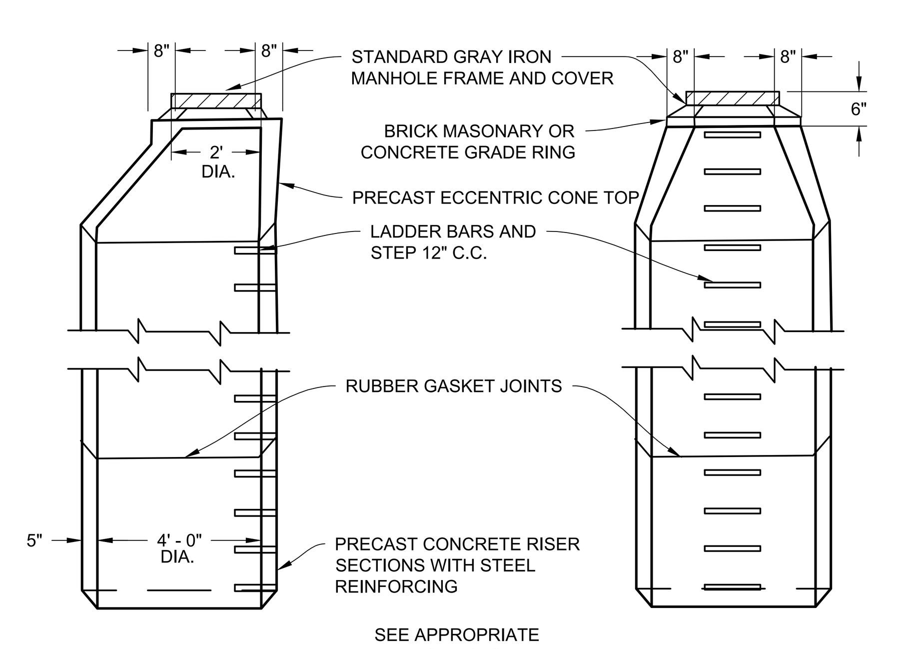
ITEM	QTY	DESCRIPTION	SIZE (in)	TYPE
1	1	PRECAST VAULT	8 ft x 18.5 ft	
2	1	INLET PIPE	18	HDPE
3	1	OUTLET PIPE	18	HDPE
4	2	OUTLET MODULE		
5	52	MODULE LID		
6	2	BYPASS HOOD		
7	6	SUPPORT FRAME		
8	7	CPZ SUPPORT LEG		
9	1	30" FRAME AND COVER	30	
10	1	AUXILLIARY PIPE 1	12	HDPE
11	1	AUXILLIARY PIPE 2	12	HDPE
12	52	MODULE BODY		
13	4	WEDGE WALL MOUNT		
14	2	24" FRAME AND COVER	24	
15	12	SUPPORT FRAME LH		
16	12	SUPPORT FRAME RH		
17	1	ELBOW		
18	1	ELBOW EXTENSION		

DETAIL- UP-FLOW FILTER 8FT x 18.5FT
N.T.S.



1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER.
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

DETAIL- 12" NYLOPLAST DRAIN
N.T.S.



DETAIL- STORM MANHOLE
N.T.S.

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS6004.dwg PLOTTED: 10/21/2020 4:43 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE061804

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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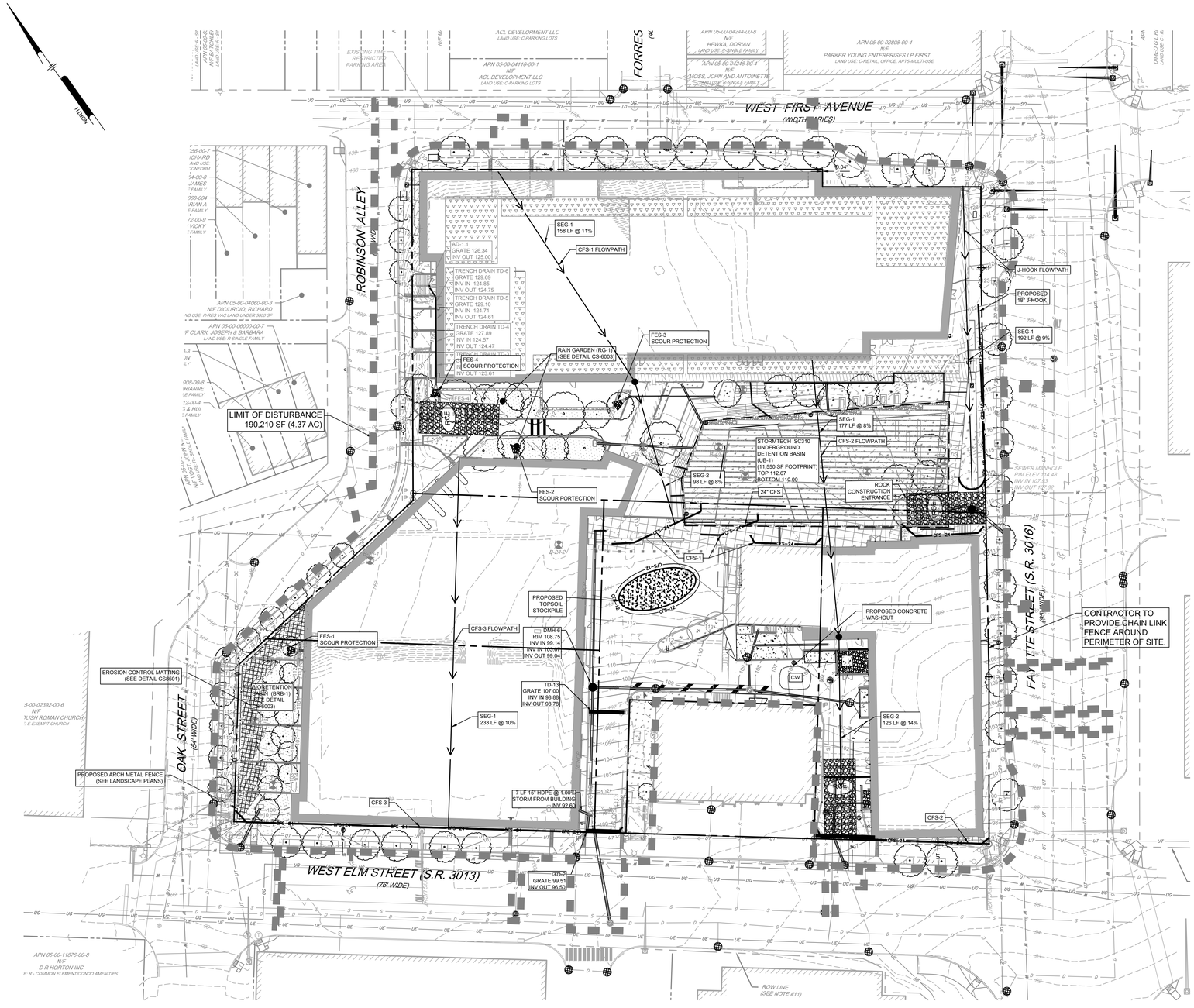
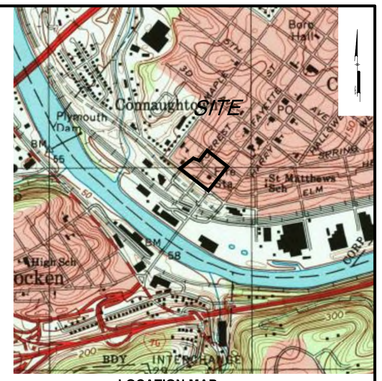
PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS6004

SHEET 20 OF 24





LOCATION MAP
SCALE: 1" = 1000'

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT/OWNER:
KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN , PA 19428

LEGEND

EXISTING

LEGEND
- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING CURB

PROPOSED

- PROPOSED PUBLIC ACCESS EASEMENT
- PROPOSED CONCRETE
- PROPOSED CROSSWALK
- PROPOSED HARDSCAPE
- PROPOSED PROPERTY LINE
- PROPOSED EASEMENT
- PROPOSED TREE
- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- EROSION CONTROL MATTING
- COMPOST FILTER SOCK
- CFS SLOPE LENGTH
- PROPOSED LIMIT OF DISTURBANCE
- TEMPORARY INLET PROTECTION
- INLET SEAL
- CONCRETE WASHOUT
- STORMWATER BMP DRAINAGE AREA

INFILTRATION TABLE	
TEST NO.	INFILTRATION RATE (IN/HR)
I-2	0.89
I-3	1.23
I-4	0.89
T-1	0.56
T-2	0.00
T-3	3.10
T-4	1.50
T-5	0.06

SOIL USE LIMITATIONS AND RESOLUTIONS:

1. IF GROUNDWATER IS ENCOUNTERED DURING FOUNDATION OR UTILITY EXCAVATION, WATER SHALL BE PUMPED FROM TRENCH INTO FILTER BAG.
2. DUE TO FROST ACTION LIMITATIONS OF SOILS DURING WINTER MONTHS, THE CONTRACTOR SHALL CEASE ALL EARTH MOVING ACTIVITIES DURING FROSTING OR ICING CONDITIONS.
3. IF BEDROCK IS ENCOUNTERED DURING EXCAVATION, ROCK SHALL BE REMOVED AND DISPOSED OF IN A LEGAL MANNER.
4. SOIL TESTS SHOULD BE PERFORMED TO DETERMINED SOIL SUITABILITY FOR TOPSOIL. IF SOIL IS UNSUITABLE, TOPSOIL SHALL BE IMPORTED.

SOILS CHARACTERISTICS CHART

DESCRIPTION		TABLE 6 INFORMATION		SUITABILITY FOR											
SYMBOL	SOIL	DEPTH TO S.H.W.T.	DEPTH TO BEDROCK	SAND AND GRAVEL	BUILDINGS WITH BASEMENTS	BUILDINGS W/O BASEMENTS	SEPTIC	CONSTRUCTION OF ROADS	ROAD FILL	TOPSOIL	PONDS RESERVOIR	EMBANKMENTS	FROST ACTION	AGRICULTURAL SOILS CLASSIFICATION	USDA-SCS SOIL RATING FOR INFILTRATION AND ERODIBILITY	HYDRIC SOIL
UugD	URBAN LAND - UDORTHENTS, SCHIST, AND GNEISS COMPLEX, 8%-25% SLOPES	60"	10"-99"	POOR	VERY LIMITED	VERY LIMITED	MODERATELY LIMITED	VERY LIMITED	POOR	POOR	VERY LIMITED	SOMEWHAT LIMITED	NONE	NOT PRIME FARMLAND	GROUP C	NO

NOTE: * INDICATES SOILS WITH COMPONENTS OF ALLUVIAL SOILS
NOTE: # INDICATES SOILS WITH INCLUSIONS OF HYDRIC SOILS

USDA-SCS SOIL GROUP RATING FOR INFILTRATION AND ERODIBILITY
GROUP A: LOWEST RUNOFF POTENTIAL WITH HIGH INFILTRATION RATES.
GROUP B: LOW TO MODERATE RUNOFF POTENTIAL, WITH MODERATE INFILTRATION WHEN WET.
GROUP C: MODERATE TO HIGH RUNOFF POTENTIAL, WITH SLOW INFILTRATION WHEN WETTED.
GROUP D: HIGH RUNOFF POTENTIAL, WITH VERY SLOW INFILTATION RATES WHEN WETTED.

Pennoni
PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY STIERE

SORA WEST

FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

EROSION AND SEDIMENT CONTROL PLAN

NO.	DATE	REVISIONS	BY
9	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
8	9/3/2020	AMENDED FINAL LAND DEVELOPMENT	SWC

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KEYP1401

DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS8001

SHEET 21 OF 24

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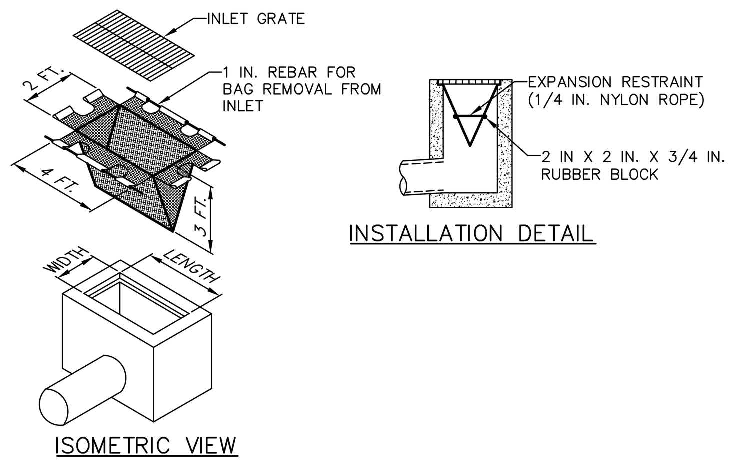


NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

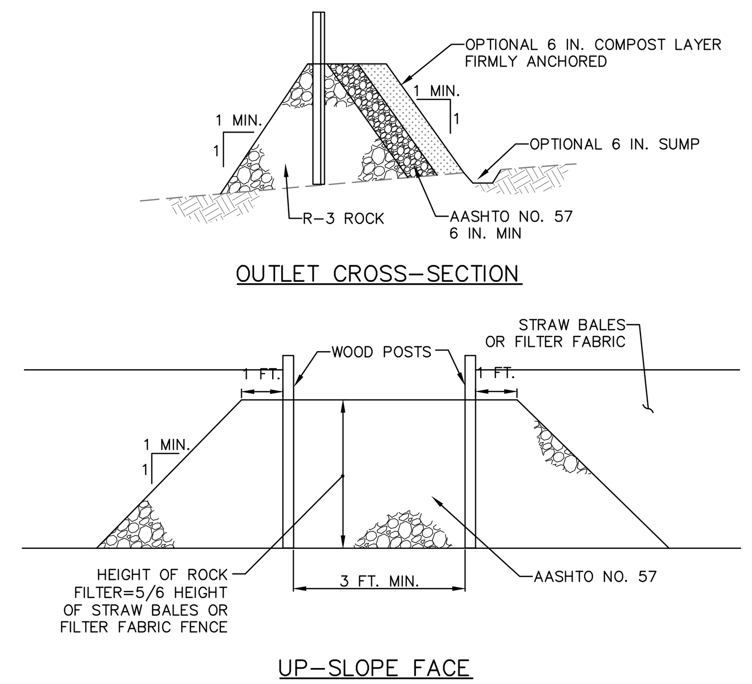
ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

DETAIL- INLET PROTECTION
N.T.S. (PA DEP STANDARD CONSTRUCTION DETAIL #4-16)

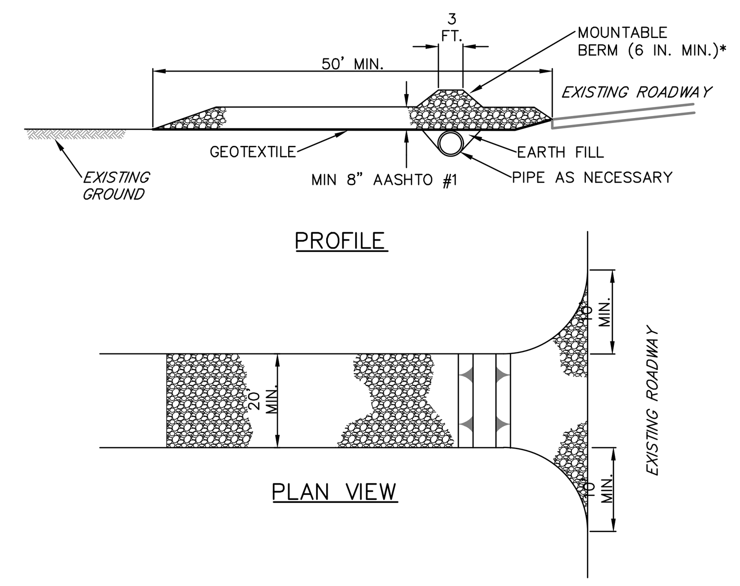


NOTES:

A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A SILT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HQ AND EV WATERSHEDS.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

DETAIL- ROCK FILTER OUTLET
N.T.S. (PA DEP STANDARD CONSTRUCTION DETAIL #4-6)



* MOUNTABLE BERM USED TO PROVIDE PROPER COVER FOR PIPE

NOTES:

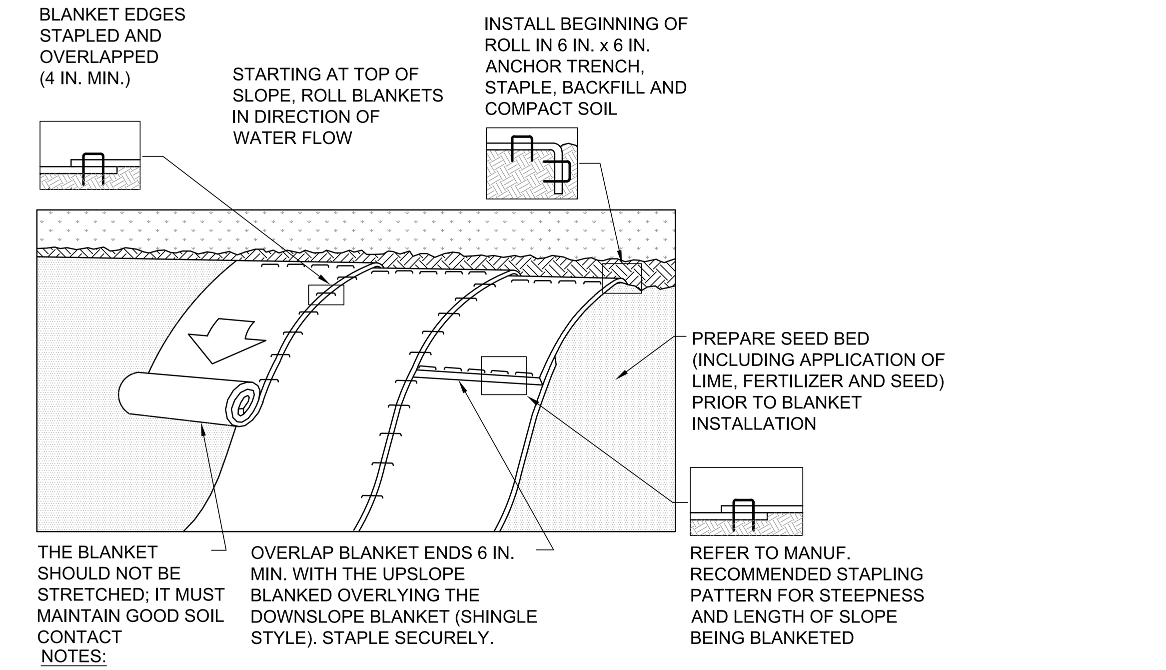
REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.

RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.

MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.

MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

DETAIL- ROCK CONSTRUCTION ENTRANCE
N.T.S. (PA DEP STANDARD CONSTRUCTION DETAIL #3-1)



NOTES:

SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.

PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.

SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.

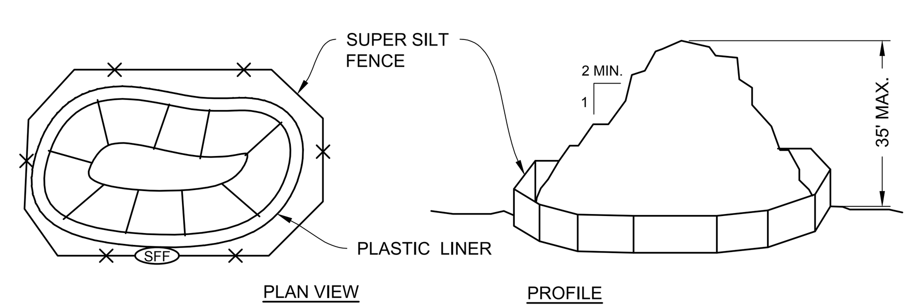
BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.

THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.

NOTE: EROSION CONTROL BLANKET TO BE CURLEX 1 OR APPROVED EQUIVALENT

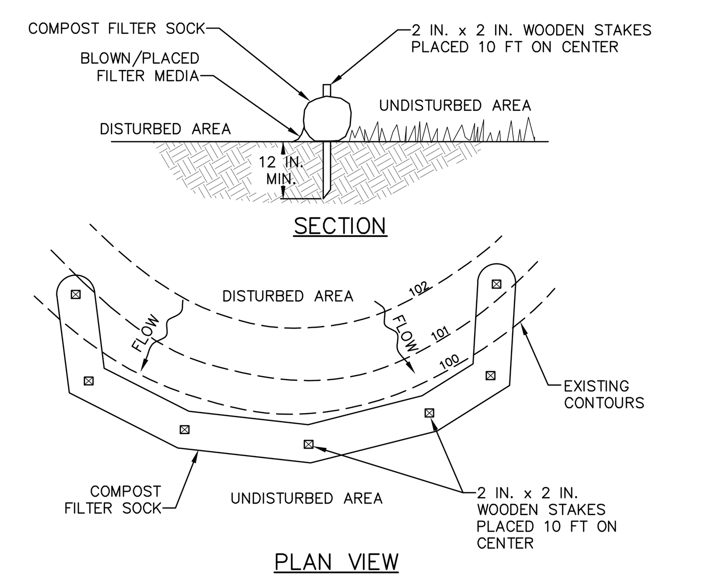
DETAIL- EROSION CONTROL BLANKET INSTALLATION
N.T.S.



NOTES:

1. SILT FENCE SHALL BE PLACED AROUND THE PERIMETER OF ALL STOCKPILES.
2. IMMEDIATELY APPLY TEMPORARY SEEDING TO ALL STOCKPILES WHICH WILL REMAIN IN PLACE 20 DAYS OR MORE. TEMPORARY SEEDING SHALL BE PER PENNDOT FORM 408, SECTION 804(B)
3. PLASTIC LINER TO BE INSTALLED BELOW TEMPORARY TOPSOIL STOCKPILES FOR SOILS FOUND OR SUSPECTED TO BE CONTAMINATED.

DETAIL- TEMPORARY STOCKPILE
N.T.S.



NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

SOME OBJECTS OF CONSIDERABLE MASS (I.E. CONCRETE BLOCKS, SANDBAGS, ETC.) SHALL BE USED IMMEDIATELY DOWN SLOPE OF COMPOST FILTER SOCKS PLACED ON PAVED SURFACES IN ORDER TO HELP HOLD THE SOCKS IN PLACE. THE OBJECT SHALL PE BLACED AT A MINIMUM EVERY 10' ON CENTER.

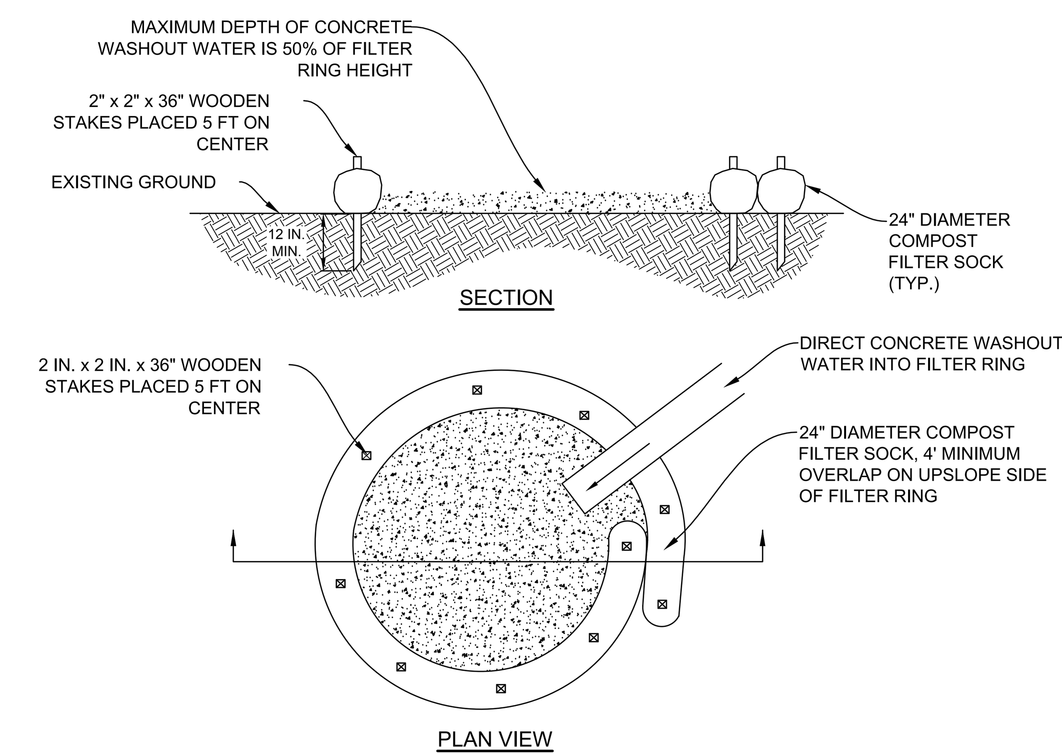
TABLE 4.1
Compost Sock Fabric Minimum Specifications

Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Filament Polypropylene (MFPP)	Heavy Duty Multi-Filament Propylene (HDMFPP)
Material Characteristics	Photo-degradable	Photo-degradable	Bio-degradable	Photo-degradable	Photo-degradable
Sock Diameters	12" 18"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	1/8"
Tensile Strength		26 psi	26 psi	44 psi	202 psi
Ultraviolet Stability % Original Strength (ASTM G-155)	23% at 1000 hr.	23% at 1000 hr.		100% at 1000 hr.	100% at 1000 hr.
Minimum Functional Longevity	6 months	9 months	6 months	1 year	2 years
Two-ply systems					
Inner Containment Netting	HDPE biaxial net				
	Continuously wound				
	Fusion-welded junctures				
	3/4" X 3/4" Max. aperture size				
Outer Filtration Mesh	Composite Polypropylene Fabric (Woven layer and non-woven fleece mechanically fused via needle punch)				
	3/16" Max. aperture size				
Sock fabrics composed of burlap may be used on projects lasting 6 months or less.					
Filtrexx & JMD					

TABLE 4.2
Compost Standards

Organic Matter Content	25%-100% (dry weight basis)
Organic Portion	Fibrous and elongated
pH	5.5-8.5
Moisture Content	30%-60%
Particle Size	30%-50% pass through 3/8" sieve
Soluble Salt Concentration	5.0 dS/m (mmhos/cm) Maximum

DETAIL- COMPOST FILTER SOCK
N.T.S. (PA DEP STANDARD CONSTRUCTION DETAIL #4-1)



NOTES:

A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

INSTALL OF FLAT GRADE FOR OPTIMUM PERFORMANCE.

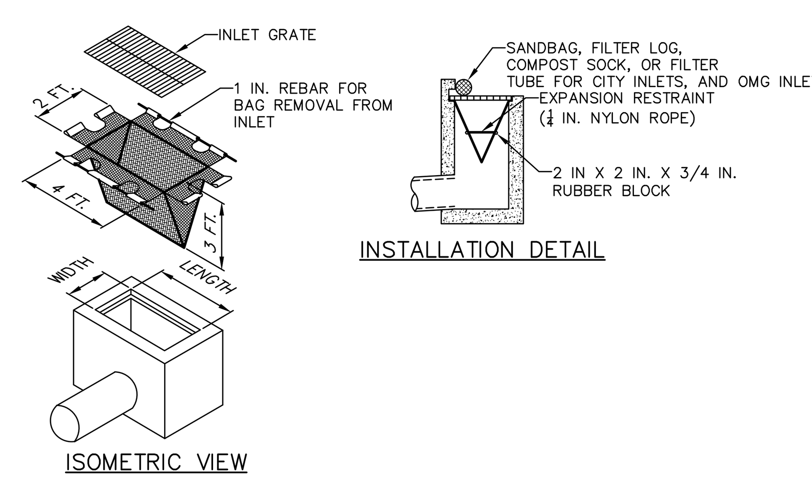
COMPOST SOCKS SHALL BE STAKED IN THE MANNER RECOMMENDED BY THE MANUFACTURER AROUND THE PERIMETER OF THE GEOMEMBRANE SO AS TO FORM A RING WITH THE ENDS OF THE DOCK LOCATED AT THE UPSLOPE CORNER.

CARE SHALL BE TAKEN TO ENSURE CONTINUOUS CONTACT OF THE SOCK WITH THE GEOMEMBRANE AT ALL LOCATIONS.

18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER FILTER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

MAINTENANCE: ALL CONCRETE WASHOUT FACILITIES SHOULD BE INSPECTED DAILY. DAMAGED OR LEAKING WASHOUTS SHOULD BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. ACCUMULATED MATERIALS SHALL BE REMOVED WHEN THEY REACH 50% CAPACITY. GEOMEMBRANE SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.

DETAIL- CONCRETE WASHOUT
N.T.S.



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

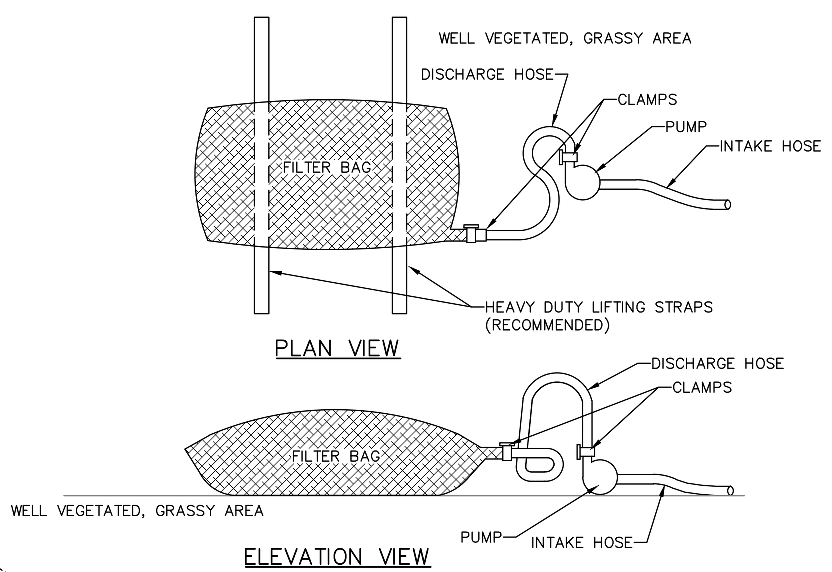
INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT.
AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

DETAIL- INLET PROTECTION
N.T.S (PA DEP STANDARD CONSTRUCTION DETAIL #4-15)



NOTES:

LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDE WIDTH STRENGTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4833	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
AOS % RETAINED	ASTM D-4751	80 SIEVE

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.

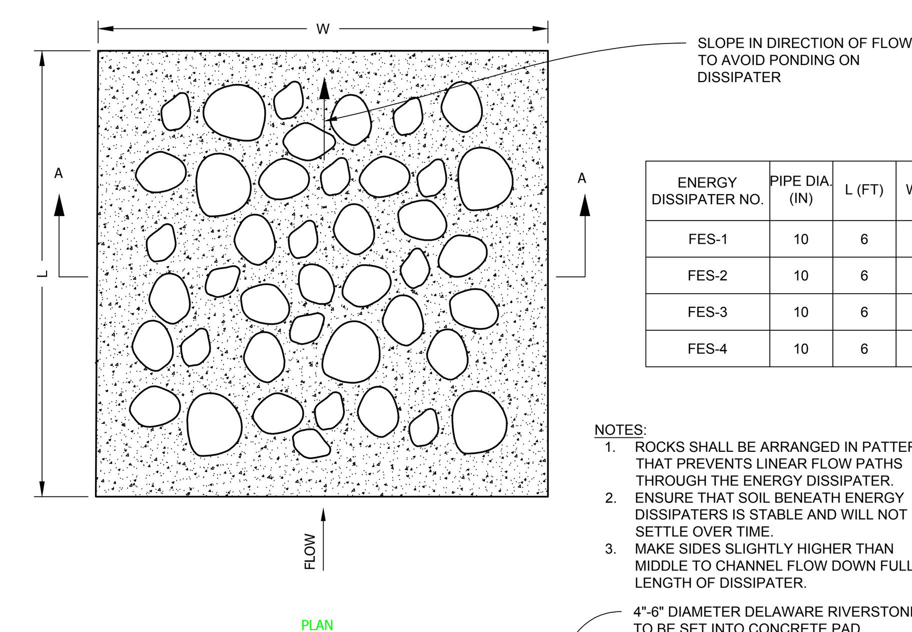
THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

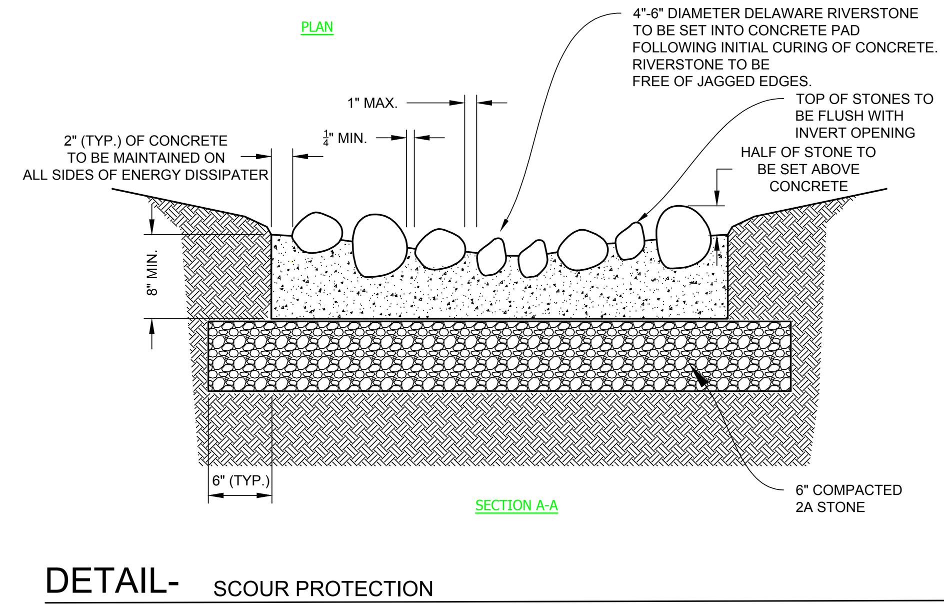
IF PUMPING TO PWD STORM SEWER IS NECESSARY, CONTRACTOR SHALL OBTAIN THE REQUIRED DISCHARGE PERMIT/APPROVALS FROM PWD PRIOR TO DISCHARGING TO PWD STORM SEWER.

DETAIL- PUMPED FILTER BAG
N.T.S. (PA DEP STANDARD CONSTRUCTION DETAIL #3-16)



ENERGY DISSIPATER NO.	PIPE DIA. (IN)	L (FT)	W (FT)
FES-1	10	6	6
FES-2	10	6	6
FES-3	10	6	6
FES-4	10	6	6

NOTES:
1. ROCKS SHALL BE ARRANGED IN PATTERN THAT PREVENTS LINEAR FLOW PATHS THROUGH THE ENERGY DISSIPATER.
2. ENSURE THAT SOIL BENEATH ENERGY DISSIPATERS IS STABLE AND WILL NOT SETTLE OVER TIME.
3. MAKE SIDES SLIGHTLY HIGHER THAN MIDDLE TO CHANNEL FLOW DOWN FULL LENGTH OF DISSIPATER.



DETAIL- SCOUR PROTECTION
N.T.S.

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

PENNONI ASSOCIATES INC.
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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE061604

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

EROSION AND SEDIMENT CONTROL DETAILS

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	N.T.S.
DRAWN BY	SWC
APPROVED BY	CAS

CS8501

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GENERAL NOTES:

1. ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS (STAMPED, SIGNED AND DATED BY THE REVIEWING AGENCY) MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE REVIEWING AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AGENCY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.

2. AT LEAST 7 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, INCLUDING CLEARING AND GRUBBING, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS, THE LANDOWNER, APPROPRIATE MUNICIPAL OFFICIALS, THE E&S PLAN PREPARER, THE PCSM PLAN PREPARER, THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF CRITICAL STAGES OF IMPLEMENTATION OF THE PCSM PLAN, AND A REPRESENTATIVE FROM THE LOCAL CONSERVATION DISTRICT TO AN ON-SITE PRECONSTRUCTION MEETING.

3. AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.

4. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING FROM THE LOCAL CONSERVATION DISTRICT OR BY THE DEPARTMENT PRIOR TO IMPLEMENTATION.

5. AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.

6. CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OR PHASE OF THE PROJECT UNTIL THE E&S BMPS SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE OR PHASE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.

7. AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.

8. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN MAPS(S) IN THE AMOUNT NECESSARY TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 35 FEET. STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.

9. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY THE LOCAL CONSERVATION DISTRICT AND/OR THE REGIONAL OFFICE OF THE DEPARTMENT.

10. ALL BUILDING MATERIALS AND WASTES SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1, AND 287.1 ET. SEQ. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE. CONCRETE OR ASPHALT CAN BE USED AS BASE AGGREGATE IN ACCORDANCE WITH PENNDOT PUBLICATION 408 SPECIFICATIONS IF DETERMINED AS CLEAN FILL.

11. ALL OFF-SITE WASTE AND BORROW AREAS MUST HAVE AN E&S PLAN APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT FULLY IMPLEMENTED PRIOR TO BEING ACTIVATED.

12. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ANY MATERIAL BROUGHT ON SITE IS CLEAN FILL. FORM FP-001 MUST BE RETAINED BY THE PROPERTY OWNER FOR ANY FILL MATERIAL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE BUT QUALIFYING AS CLEAN FILL DUE TO ANALYTICAL TESTING.

13. ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.

14. A LOG SHOWING DATES THAT E&S BMPS WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.

15. SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEPT INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

16. ALL SEDIMENT REMOVED FROM BMPS SHALL BE DISPOSED OF IN THE MANNER DESCRIBED ON THE PLAN DRAWINGS.

17. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 TO 5 INCHES -6 TO 12 INCHES ON COMPACTED SOILS - PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING. FILL OUTSLOPES SHALL HAVE A MINIMUM OF 2 INCHES OF TOPSOIL.

18. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.

19. ALL EARTHEN FILLS SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.

20. FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.

21. FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.

22. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.

23. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.

24. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDED AREAS WITHIN 50 FEET OF A SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.

25. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN 1 YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN 1 YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.

26. PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 70% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING, OR OTHER MOVEMENTS.

27. E&S BMPS SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.

28. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT THE LOCAL CONSERVATION DISTRICT FOR AN INSPECTION PRIOR TO REMOVAL/CONVERSION OF THE E&S BMPS.

29. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPS MUST BE REMOVED OR CONVERTED TO PERMANENT POST CONSTRUCTION STORMWATER MANAGEMENT BMPS. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE BMPS SHALL BE STABILIZED IMMEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.

30. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT THE LOCAL CONSERVATION DISTRICT TO SCHEDULE A FINAL INSPECTION.

31. FAILURE TO CORRECTLY INSTALL E&S BMPS, FAILURE TO PREVENT SEDIMENT-LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE, OR FAILURE TO TAKE IMMEDIATE CORRECTIVE ACTION TO RESOLVE FAILURE OF E&S BMPS MAY RESULT IN ADMINISTRATIVE, CIVIL, AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE DEPARTMENT AS DEFINED IN SECTION 602 OF THE PENNSYLVANIA CLEAN STREAMS LAW. THE CLEAN STREAMS LAW PROVIDES FOR UP TO $10,000 PER DAY IN CIVIL PENALTIES, UP TO $10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO $25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.

32. UNDERGROUND UTILITIES CUTTING THROUGH ANY ACTIVE CHANNEL SHALL BE IMMEDIATELY BACKFILLED AND THE CHANNEL RESTORED TO ITS ORIGINAL CROSS-SECTION AND PROTECTIVE LINING. ANY BASE FLOW WITHIN THE CHANNEL SHALL BE CONVEYED PAST THE WORK AREA IN THE MANNER DESCRIBED IN THIS PLAN UNTIL SUCH RESTORATION IS COMPLETE.

33. CHANNELS HAVING RIPRAP, RENO MATTRESS, OR GABION LININGS MUST BE SUFFICIENTLY OVER-EXCAVATED SO THAT THE DESIGN DIMENSIONS WILL BE PROVIDED AFTER PLACEMENT OF THE PROTECTIVE LINING.

34. SEDIMENT BASINS AND/OR TRAPS SHALL BE KEPT FREE OF ALL CONSTRUCTION WASTE, WASH WATER, AND OTHER DEBRIS HAVING POTENTIAL TO CLOG THE BASIN/TRAP OUTLET STRUCTURES AND/OR POLLUTE THE SURFACE WATERS.

35. ANY DAMAGE THAT OCCURS IN WHOLE OR IN PART AS A RESULT OF BASIN OR TRAP DISCHARGE SHALL BE IMMEDIATELY REPAIRED BY THE PERMITTEE IN A PERMENANT MANNER SATISFACTORY TO THE MUNICIPALITY, LOCAL CONSERVATION DSITRICT, AND THE OWNER OF THE DAMAGED PROPERTY.

36. UPON REQUEST, THE APPLICANT OR HIS CONTRACTOR SHALL PROVIDE AN AS-BUILT (RECORD DRAWING) FOR ANY SEDIMENT BASIN OF TRAP TO THE MUNICIPAL INSPECTOR, LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.

37. EROSION CONTROL BLANKETING SHALL BE INSTALLED ON ALL SLOPES 3H:1V OR STEEPER WITHIN 50 FEET OF A SURFACE WATER AND ON ALL OTHER DISTURBED AREAS SPECIFIED ON THE PLAN MAPS AND/OR DETAIL SHEETS.

38. NO GEOLOGIC SOIL FORMATIONS OR SOIL CONDITIONS THAT MAY HAVE THE POTENTIAL TO CAUSE POLLUTION EXIST ON SITE.

39. NO RIPARIAN AREAS EXIST ON SITE.

40. NO WETLANDS OR SURFACE WATERS ARE PRESENT ON SITE.

41. ANY INCREASE IN THE RATE OR VOLUME OF STORMWATER RUNOFF HAS BEEN PREVENTED.

42. ALL IMPERVIOUS AREAS HAVE BEEN MINIMIZED.

43. ALL LAND CLEARING AND GRADING, AND SOIL COMPACTION HAS BEEN MINIMIZED.

44. THE EROSION AND SEDIMENT CONTROL PLAN MINIMIZES THE EXTENT AND DURATION OF EARTH DISTURBANCE.

45. THE EROSION AND SEDIMENT CONTROL PLAN MINIMIZES SOIL COMPACTION BY NOT OVER COMPACTING VEGETATED AREAS TO 95%.

46. THE EROSION AND SEDIMENT CONTROL PLAN UTILIZES OTHER MEASURES OR CONTROLS THAT PREVENT OR MINIMIZE GENERATION OF INCREASED STORMWATER RUNOFF BY REDUCING IMPERVIOUS AREA.

47. THE RECEIVING WATERCOURSE IS SCHUYLKILL RIVER, AND THE CHAPTER 93 DESIGNATION IS WWF-MF.

48. THERMAL IMPACTS HAVE BEEN PREVENTED BY DETAINING RUNOFF UNDERGROUND AND THROUGH INFILTRATION BEFORE DISCHARGING TO SURFACE WATER.

SEQUENCE OF CONSTRUCTION NOTES:

1. THE PERMITTEE SHALL CONTACT THE CONSERVATION DISTRICT AT LEAST SEVEN (7) DAYS IN ADVANCE OF CONSTRUCTION ACTIVITIES TO SCHEDULE A PRE-CONSTRUCTION MEETING.

2. EACH STEP OF SEQUENCE OF CONSTRUCTION MUST BE COMPLETED BEFORE INITIATING SUBSEQUENT STEPS UNLESS A SPECIFIC SEQUENCE DOES NOT DIRECTLY OR INDIRECTLY CAUSE ANOTHER SEQUENCE ITEM TO VIOLATE AN EROSION AND SEDIMENTATION CONTROL UNDER THE NPDES PERMIT. AS USED IN THIS SEQUENCE, "THEN" IMPLIES COMPLETION OF PREVIOUS ACTIVITY PRIOR TO INITIATING NEXT ACTIVITY

3. REFER TO THE INDIVIDUAL SEQUENCE OF CONSTRUCTION FOR THE SPECIFIC BMP'S ON SITE.

4. CONSTRUCTION UNDER THE NPDES PERMIT WILL NOT BEGIN UNTIL THE FOLLOWING ARE SATISFIED.
   A. RECEIPT OF ALL NECESSARY APPROVALS AND PERMITS FROM APPLICABLE GOVERNMENTAL AGENCIES.
   B. VERIFICATION OF ONGOING COMPLIANCE TO MONTGOMERY COUNTY CONSERVATION DISTRICT APPROVAL.
   C. CONTRACTOR MUST CONTACT UNDERGROUND UTILITIES PER ACT 38, THREE DAYS PRIOR TO COMMENCEMENT OF EARTHWORK OR CONSTRUCTION IN AN UNDISTURBED AREA.
   D. AFTER VERIFICATION OF COMPLIANCE BY DISTRICT PERSONNEL, CONTRACTOR WILL NOTIFY MONTGOMERY COUNTY CONSERVATION DISTRICT AND PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION IN WRITING OF INTENT TO COMMENCE CONSTRUCTION OF PROJECT UNDER CONDITIONS OF NPDES PERMIT IN CONJUNCTION WITH MONTGOMERY COUNTY CONSERVATION DISTRICT APPROVAL.
   E. PRIOR TO COMMENCEMENT OF ANY EARTH MOVING OPERATION. THE CONTRACTOR MUST ARRANGE A PRE-CONSTRUCTION MEETING WITH THE CONSERVATION DISTRICT AND THE ENGINEER.

SEQUENCE OF CONSTRUCTION:

1. INSTALL ORANGE SAFETY FENCE COINCIDENT WITH THE LIMIT OF DISTURBANCE LINE AS ILLUSTRATED ON THE PLANS. CONSTRUCTION ACTIVITY IS NOT TO OCCUR BEYOND THE ORANGE SAFETY FENCE.

2. INSTALL ROCK CONSTRUCTION ENTRANCES AS ILLUSTRATED ON THE PLANS. ACCESS WILL BE LIMITED TO THESE ENTRANCES.

3. INSTALL INLET PROTECTION AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.

4. INSTALL COMPOST FILTER SOCK AS ILLUSTRATED ON THE PLANS.

5. PRIOR TO PROCEEDING WITH CONSTRUCTION, CONFIRM LOCATION AND ELEVATION OF EXISTING UTILITIES. MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN. EXISTING FIRE HYDRANTS TO REMAIN ACCESSIBLE AND ACTIVE THROUGHOUT CONSTRUCTION.

6. BEGIN CLEARING AND GRUBBING AND DEMOLITION ACTIVITIES, REMOVE AND DISPOSE OF ALL MATERIAL IN AN ACCEPTABLE MANNER.

7. INSTALL ORANGE SAFETY FENCE AROUND THE PERIMETER OF THE BASINS TO KEEP CONSTRUCTION EQUIPMENT OUT OF THESE AREAS. THESE AREAS SHALL BE PROTECTED FROM COMPACTION PRIOR TO PERMANENT BMP INSTALLATION. REFER TO SPECIFIC STORM WATER BMP'S SEQUENCE OF CONSTRUCTION, SHEET CS6003 AND CS6004.

8. COMMENCE BULK EARTHWORK FOR BUILDING AND DRIVEWAY CONSTRUCTION. EXCAVATION SHALL BE LIMITED TO THE MINIMUM AREA REQUIRED TO CONSTRUCT BUILDINGS. NO EXCAVATION SHALL OCCUR IN AREAS OF STORMWATER BMPS.

9. COMMENCE CONSTRUCTION OF BUILDINGS AND DRIVEWAY TO BASE COURSE.

10. CONSTRUCT UTILITIES NECESSARY TO SUPPORT BUILDINGS AND PROVIDE STUBS FOR BUILDING CONNECTIONS. CONTRACTOR SHALL EXCAVATE ONLY ENOUGH TRENCH WHICH PIPE CAN BE INSTALLED AND TRENCH BACKFILLED BY THE END OF EACH WORKING DAY.

11. CONSTRUCT STORM STRUCTURES AND ASSOCIATED PIPING. SEAL DRAINS TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM.

12. ***INSTALL MEDIA FILTER MF-1.**

13. ***AFTER COMPLETION OF BUILDING CORE AND SHELL CONSTRUCT UNDERGROUND INFILTRATION BASIN UB-1 (SEE UNDERGROUND INFILTRATION BASIN SEQUENCE OF CONSTRUCTION DRAWING CS-6004)**

14. ***CONSTRUCT BIO-RETENTION BASIN BRB-1 (SEE BIO-RETENTION BASIN SEQUENCE OF CONSTRUCTION DRAWING CS-6003)**

15. ***CONSTRUCT RAIN GARDEN RG-1 (SEE RAIN GARDEN SEQUENCE OF CONSTRUCTION CS-6003)**

16. ***CONSTRUCT GREEN ROOF (SEE GREEN ROOF SEQUENCE OF CONSTRUCTION DRAWING CS-6004)**

17. PRIOR TO REMOVAL OR CONVERSION OF EROSION CONTROL MEASURES A SITE INSPECTION IS REQUIRED FROM THE CONSERVATION DISTRICT.

18. REMOVAL OF EROSION CONTROL MEASURES SHALL OCCUR ONLY UPON 75% UNIFORM STABILIZATION OF DISTURBED TRIBUTARY AREA OF CONTROL. STABILIZATION SHALL BE CONSIDERED IN THE FORM OF VEGETATION, STONE, PAVING, OR UNIT CONSTRUCTION.

***CRITICAL STAGE: DURING CONSTRUCTION OF STORMWATER BMPS A LICENSED PROFESSIONAL OR DESIGNEE SHALL BE PRESENT ON THE PROJECT SITE TO DOCUMENT THE INFORMATION AND MEASUREMENTS REQUIRED.**

UTILITY LINE TRENCH EXCAVATION NOTES:

A. LIMIT ADVANCED CLEARING AND GRUBBING OPERATIONS TO A DISTANCE EQUAL TO TWO TIMES THE LENGTH OF PIPE INSTALLATION THAT CAN BE COMPLETED IN ONE DAY.

B. WORK CREWS AND EQUIPMENT FOR TRENCHING, PLACEMENT OF PIPE, PLUG CONSTRUCTION AND BACKFILLING WILL BE SELF CONTAINED AND SEPARATE FROM CLEARING AND GRUBBING AND SITE RESTORATION AND STABILIZATION OPERATIONS.

C. ALL SOIL EXCAVATED FROM THE TRENCH WILL BE PLACED ON THE UPHILL SIDE OF THE TRENCH.

D. LIMIT DAILY TRENCH EXCAVATION TO THE LENGTH OF PIPE PLACEMENT, PLUG INSTALLATION AND BACKFILLING THAT CAN BE COMPLETED THE SAME DAY.

E. WATER THAT ACCUMULATES IN THE OPEN TRENCH WILL BE COMPLETELY REMOVED BY PUMPING BEFORE PIPE PLACEMENT AND/ OR BACKFILLING BEGINS. WATER REMOVED FROM THE TRENCH SHALL BE PUMPED THROUGH A FILTRATION DEVICE

F. ON THE DAY FOLLOWING PIPE PLACEMENT AND TRENCH BACKFILLING, THE DISTURBED AREA WILL BE GRADED TO FINAL CONTOURS AND IMMEDIATELY STABILIZED.

TEMPORARY SEEDING SITE PREPARATION:

TEMPORARY STABILIZATION OF ALL EXPOSED EARTH SURFACES WHERE CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING TOPSOIL STOCKPILES SHALL BE STABILIZED IMMEDIATELY BY THE FOLLOWING BY THE FOLLOWING METHODS AND MATERIALS.

1. APPLY ONE (1) TON OF AGRICULTURAL GRADE LIMESTONE PER ACRE PLUS FERTILIZER (10-10-10) AT THE RATE OF 1000 LBS PER ACRE AND WORK INTO SOIL WHEREVER POSSIBLE.

2. APPLY 100% ANNUAL RYE GRASS SEED AT A RATE OF 4 TO 5 LBS PER 1000 SQUARE FEET.

3. AFTER SEEDING MULCH WITH HAY OR STRAW AT A RATE OF THREE (3) TONS PER ACRE.

E&S BMP OPERATION AND MAINTENANCE:

ROCK CONSTRUCTION ENTRANCE:

1. ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.
2. SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.
   NOTE: WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE WAYS IS NOT ACCEPTABLE.
3. INSPECT ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS AND AFTER ALL PRECIPITATION EVENTS. NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER INSPECTION.

FILTER FABRIC/SUPER FILTER FABRIC

1. INSPECT ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS AND AFTER ALL PRECIPITATION EVENTS. NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER INSPECTION.
2. SILT FENCING IS TO BE MAINTAINED, AND REPLACED IF NECESSARY, DURING THE ENTIRE CONSTRUCTION PERIOD UNTIL A PERMANENT VEGETATIVE COVER WITHIN THE TRIBUTARY AREA IS ESTABLISHED.
3. CONSTRUCT SILT FENCE ALONG THE DOWNSTREAM SIDE OF ALL PROPOSED CUT AND FILL ACTIVITIES.
4. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT ACCUMULATIONS REACH ½ THE ABOVE GROUND HEIGHT OF THE FENCE.
5. AREAS OF SILT FENCE THAT HAVE BEEN OVERTOPPED SHALL BE REPLACED WITH A ROCK FILTER OUTLET.

EROSION CONTROL BLANKETS (CURLEX MAT):

1. CURLEX MAT SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. INSPECT ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS AND AFTER ALL PRECIPITATION EVENTS. NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER INSPECTION.

INLET PROTECTION:

1. INLET PROTECTION SHALL BE APPLIED, AS DETAILED ON THE PLAN, TO EVERY INLET WHICH HAS BEEN CONSTRUCTED TO THE ROADWAY SUBBASE ELEVATION INLET PROTECTION MUST BE PROVIDED FOR ALL SURROUNDING INLETS LOCATED ALONG THE PROPERTY FRONTAGE OF THE PROJECT SITE.
2. EARTHEN BERM TO BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM TO BE MAINTAINED UNTIL ROAD IS PAVED. SIX INCH ROADWAY ASPHALT BERM TO BE MAINTAINED UNTIL ROWADWAY SURFACE RECEIVES FINAL COAT.
3. INSPECT ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS AND AFTER ALL PRECIPITATION EVENTS. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN 1/2 FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. THE CONTRACTOR SHALL MAINTAIN A SUPPLY ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS IN A LEGAL LANDFILL.
4. SEDIMENT MUST BE REMOVED FROM STORM WATER INLET PROTECTION AFTER EACH RUNOFF EVENT AND DISPOSED OF IN AN APPROVED MANNER..

TEMPORARY STABILIZATION & PERMANENT STABILIZATION:

1. HAY OR STRAW MULCH MUST BE APPLIED AT 3.0 TONS PER ACRE.
2. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 AND STEEPER.
3. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.
4. GRADED AREAS ARE TO BE TEMPORARILY SEEDED AND MULCHED IMMEDIATELY FOLLOWING EARTHMOVING PROCEDURES. TEMPORARY SEED SHALL BE ANNUAL RYE GRASS APPLIED AT THE RATES SPECIFIED. MULCH SHALL BE HAY OR STRAW APPLIED AT THE RATE OF AT LEAST 3 TONS PER ACRE.
5. LIME SHALL BE APPLIED TO ALL TEMPORARILY SEEDED AREAS AT A MINIMUM RATE AS SPECIFIED.
6. ALL TEMPORARILY SEEDED AREAS SHALL HAVE 5-5-5 FERTILIZER APPLIED AT THE MINIMUM RATES SPECIFIED.
7. ESTABLISH PERMANENT SEEDING AS SOON AS POSSIBLE AFTER FINAL GRADING IS COMPLETED. PERMANENT SEEDING SHALL BE AT THE RATES SPECIFIED. FERTILZER AND LIME SHALL BE APPLIED AT THE MINIMUM RATES SPECIFIED.
8. PERMANENTLY SEEDED AREAS SHALL HAVE HAY OR STRAW APPLIED AT THE RATE OF AT LEAST 3 TONS PER ACRE. ANY AREAS WHERE HYDROSEED IS USED, MULCH IS NEEDED AT A MINIMUM RATE OF 3 TONS PER ACRE.

CLEAN FILL & ENVIRONMENTAL DUE DILIGENCE NOTE :

STANDARD NOTE TO COMPLY WITH NPDES CHECKLIST ITEM #2.B.XV (#3.B.XV FOR AN INDIVIDUAL NPDES PERMIT)

IF THE SITE WILL NEED TO IMPORT OR EXPORT MATERIAL FROM THE SITE, THE RESPONSIBILITY FOR PERFORMING ENVIRONMENTAL DUE DILIGENCE AND DETERMINATION OF CLEAN FILL WILL REST WITH THE CONTRACTOR.

CLEAN FILL IS DEFINED AS: UNCONTAMINATED, NON-WATER SOLUBLE, NON-DECOMPOSABLE, INERT, SOLID MATERIAL. THE TERM INCLUDES SOIL, ROCK, STONE, DREDGED MATERIAL, USED ASPHALT, AND BRICK, BLOCK OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND IS RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON THE WATERS OF THE COMMONWEALTH UNLESS OTHERWISE AUTHORIZED. (THE TERM "USED ASPHALT" DOES NOT INCLUDE MILLED ASPHALT OR ASPHALT THAT HAS BEEN PROCESSED FOR RE-USE).
CLEAN FILL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE: FILL MATERIALS AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE STILL QUALIFIES AS CLEAN FILL PROVIDED THE TESTING REVEALS THAT THE FILL MATERIAL CONTAINS CONCENTRATIONS OF REGULATED SUBSTANCES THAT ARE BELOW THE RESIDENTIAL LIMITS IN TABLES FP-1A AND FP-1B FOUND IN THE DEPARTMENT'S POLICY "MANAGEMENT OF FILL".
ANY PERSON PLACING CLEAN FILL THAT HAS BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE MUST USE FORM FP-001 TO CERTIFY THE ORIGIN OF THE FILL MATERIAL AND THE RESULTS OF THE ANALYTICAL TESTING TO QUALIFY THE MATERIAL AS CLEAN FILL. FORM FP-001 MUST BE RETAINED BY THE OWNER OF THE PROPERTY RECEIVING THE FILL. A COPY OF FORM FP-001 CAN BE FOUND AT THE END OF THESE INSTRUCTIONS.
ENVIRONMENTAL DUE DILIGENCE: THE APPLICANT MUST PERFORM ENVIRONMENTAL DUE DILIGENCE TO DETERMINE IF THE FILL MATERIALS ASSOCIATED WITH THE PROJECT QUALIFY AS CLEAN FILL. ENVIRONMENTAL DUE DILIGENCE IS DEFINED AS: INVESTIGATIVE TECHNIQUES, INCLUDING, BUT NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENS, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS. ANALYTICAL TESTING IS NOT A REQUIRED PART OF DUE DILIGENCE UNLESS VISUAL INSPECTION AND/OR REVIEW OF THE PAST LAND USE OF THE PROPERTY INDICATES THAT THE FILL MAY HAVE BEEN SUBJECTED TO A SPILL OR RELEASE OF REGULATED SUBSTANCE. IF THE FILL MAY HAVE BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE, IT MUST BE TESTED TO DETERMINE IF IT QUALIFIES AS CLEAN FILL. TESTING SHOULD BE PERFORMED IN ACCORDANCE WITH APPENDIX A OF THE DEPARTMENT'S POLICY "MANAGEMENT OF FILL".

FILL MATERIAL THAT DOES NOT QUALIFY AS CLEAN FILL IS REGULATED FILL. REGULATED FILL IS WASTE AND MUST BE MANAGED IN ACCORDANCE WITH THE DEPARTMENT'S MUNICIPAL OR RESIDUAL WASTE REGULATIONS BASED ON 25 PA. CODE CHAPTERS 287 RESIDUAL WASTE MANAGEMENT OR 271 MUNICIPAL WASTE MANAGEMENT, WHICHEVER IS APPLICABLE. THESE REGULATIONS ARE AVAILABLE ON-LINE AT WWW.PACODE.COM <HTTP://WWW.PACODE.COM>.

PROCEDURE FOR STABILIZATION OF SOILS FOUND OR SUSPECTED TO BE CONTAMINATED:

1. DISTURBED EARTH TO BE IMMEDIATELY STABILIZED WITH SEEDING THROUGH THE USE OF HYDROSEEDING TECHNIQUES AND HAY OR STRAW MULCHING TO CONTAIN CONTAMINATED SOILS.

2. PLASTIC LINER TO BE INSTALLED BELOW TEMPORARY TOPSOIL STOCKPILES. TOPSOIL STOCKPILE TO BE STABILIZED AND TEMPORARILY COVERED IMMEDIATELY PER THE REQUIREMENTS OF THE PADEP E&S GUIDELINES.

3. EXPOSED SOILS TO BE SPRINKLED WITH WATER ON A DAILY BASIS UNTIL MOIST TO PREVENT DUST GENERATION AND TRANSPORT.

4. UTILIZE APPROVED PADEP E&S CONTROL MEASURES TO PREVENT SOIL FROM LEAVING THE SITE. METHODS INCLUDE, BUT ARE NOT LIMITED TO WHEEL WASH, SILT FENCE, INLET FILTER PROTECTION, ROCK CONSTRUCTION ENTRANCE, ETC.

OPERATION AND MAINTENANCE SCHEDULE:

1. THE SELECTED CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENTATION CONTROL FACILITIES AND BMPS THROUGH THE CONSTRUCTION PERIOD UNTIL SUCH TIME AS THE OWNER ACCEPTS THE PROJECT AS COMPLETED. THE CONTRACTOR WILL MAINTAIN ON-SITE STORAGE OF ALL MATERIALS NECESSARY TO MAKE EMERGENCY REPAIRS TO THE EROSION CONTROL BMPS.

2. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION BMP'S BEFORE AND AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL SITE INSPECTIONS WILL BE DOCUMENTED IN AN INSPECTION LOG KEPT FOR THIS PURPOSE. THE COMPLIANCE ACTIONS AND THE DATE, TIME AND NAME OF THE PERSON CONDUCTING THE INSPECTION. THE INSPECTION LOG WILL BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE CITY ENGINEER AND THE MONTGOMERY COUNTY CONSERVATION DISTRICT UPON REQUEST.

3. ALL PREVENTIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, REMULCHING AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENTATION BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S OR MODIFICATIONS OF THOSE INSTALLED WILL BE NEEDED.

4. ADJACENT ROADWAYS OR PUBLIC PAVED AREAS WILL BE INSPECTED DAILY AND ANY DEPOSITED MATERIALS SHALL BE IMMEDIATELY REMOVED.

5. SEEDED AREAS THAT HAVE WASHED AWAY SHALL BE FILLED AND GRADED, AS NECESSARY, AND THEN RESEEDED. A STRAW COVER SHALL BE APPLIED TO RETAIN THE SEED ALONG WITH AN ANCHORING METHOD DESCRIBED ON THE ATTACHED MULCH ANCHORING GUIDE, UNTIL IT HAS A CHANCE TO ROOT PROPERLY.

6. WHERE BMP'S ARE FOUND TO FAIL TO ALLEVIATE EROSION OR SEDIMENT POLLUTION THE PERMITTEE OR CO-PERMITTEE SHALL INCLUDE THE FOLLOWING INFORMATION.
   6.1. THE LOCATION AND SEVERITY OF THE BMPS FAILURE AND ANY POLLUTION EVENTS.
   6.2. ALL STEPS TAKEN TO, REDUCE, ELIMINATE AND PREVENT THE RECURRENCE OF THE NON-COMPLIANCE.
   6.3. THE TIME FRAME TO CORRECT THE NON-COMPLIANCE, INCLUDING THE EXACT DATES WHEN THE ACTIVITY WILL RETURN TO COMPLIANCE.

7. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMP'S MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE BMP'S MUST BE STABILIZED IMMEDIATELY.

8. BEFORE INITIATING ANY REVISION TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY EFFECT THE EFFECTIVENESS OF THE APPROVED E & S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE PA DEP. THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.

9. ALL PUMPING OF SEDIMENT LADEN WATER OR POTENTIALLY SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, AND FILTRATION SYSTEM, SUCH AS A TIGG FILTRATION SYSTEM - CANSORB CP-2000 AND DISCHARGED OVER NON-DISTURBED AREAS.

10. IF CONTAMINATED SOILS ARE ENCOUNTERED DURING CONSTRUCTION, CONTACT OWNER AND DESIGN ENGINEER.

11. DURING THE LIFE OF THE PROJECT, ALL EROSION AND SEDIMENTATION CONTROL DEVICES MUST BE PROPERLY MAINTAINED. MAINTENANCE SHALL INCLUDE THE INSPECTION OF EROSION CONTROL FACILITIES AFTER EACH STORM EVENT AND ON A WEEKLY BASIS. IMMEDIATELY PERFORM CLEANOUT, REPAIR AND REPLACEMENT OF THE FACILITIES AS NEEDED. (REGRADE, RESEED AND MULCH WASHED OUT AREAS AS THEY OCCUR).

12. SEEDED AREAS THAT HAVE WASHED AWAY SHALL BE FILLED AND GRADED, AS NECESSARY, AND THEN RESEEDED. A STRAW COVER SHALL BE APPLIED TO RETAIN THE SEED ALONG WITH AN ANCHORING METHOD DESCRIBED ON THE ATTACHED MULCH ANCHORING GUIDE, UNTIL IT HAS A CHANCE TO ROOT PROPERLY.

13. ALL PROPOSED VEGETATION SHALL BE WATERED REGULARLY DURING THE FIRST YEAR TO ENSURE SUCCESSFUL ESTABLISHMENT.

PERMANENT SEEDING SITE PREPARATION :

PERMANENT STABILIZATION OF THE EXPOSED EARTH SURFACES AFTER THE COMPLETION OF THE SITE GRADING AND IMPROVEMENTS SHALL BE ACCOMPLISHED BY THE FOLLOWING METHODS AND MATERIALS:

1. AFTER INSTALLATION OF THE NEEDED SURFACE WATER CONTROL MEASURES, PERFORM ALL CULTURAL OPERATIONS AT RIGHT ANGLES TO THE SLOPE.

2. APPLY LIME AT THE RATE OF TWO TONS GROUND LIMESTONE PER ACRE (89 LBS. PER 1,000 SQUARE FEET).

3. WORK IN FERTILIZER AT THE RATE OF 930 LBS. OF 10-10-10 OR EQUIVALENT PER ACRE, AND AT THE TIME OF SEEDING WORK INTO THE SURFACE 930 LBS. OF 5-18-5 OR EQUIVALENT PER ACRE (22 LBS. PER 1000 S.F.)

4. SMOOTH AND FIRM SEEDED AREAS WITH CULTIPACKER, OR OTHER SIMILAR EQUIPMENT, PRIOR TO SEEDING.

5. APPLY SEED UNIFORMLY AT THE RATES SHOWN ON THE TABLES.

6. COVER GRASS SEEDS WITH 1/4 INCH OF TOPSOIL WITH SUITABLE EQUIPMENT.

7. APPLY STRAW MULCH AT A RATE OF 3.0 TON PER ACRE.

8. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER IN ORDER TO PREVENT GULLYING. USE SOD AT THE DIRECTION OF THE AUTHORIZED REPRESENTATIVE.

9. HYDROSEEDING SHALL BE AN ACCEPTABLE ALTERNATIVE TO THE ABOVE SEEDING WHEN PERFORMED IN ACCORDANCE WITH PENNDOT PUB. 408 SECTIONS 804 AND 805 AND APPROVED BY THE AUTHORIZED REPRESENTATIVE.

PERMANENT SEED MIXTURE:

ALL AREAS SHALL BE SEEDED WITH THIS MIXTURE AT 4 LBS PER 1000 SQUARE FEET

SEED	BY WEIGHT
KENTUCKY BLUEGRASS	50%
LINN PERENNIAL RYEGRASS	30%
ANNUAL RYE	20%

ALL SEEDED AREAS SHALL BE MULCHED WITH HAY OR STRAW AT THE RATE OF THREE (3) TONS PER ACRE.

UNFORSEEN EROSIVE CONDITIONS NOTES :

1. SHOULD UNFORESEEN EROSIVE CONDITIONS DEVELOP DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ACTION TO REMEDY SUCH CONDITIONS AND TO PREVENT DAMAGE TO ADJACENT PROPERTIES AS A RESULT OF INCREASED RUNOFF AND/OR SEDIMENT DISPLACEMENT. STOCKPILES OF WOOD CHIPS, HAY BALES, CRUSHED STONE AND OTHER MULCHES SHALL BE HELD IN READINESS TO DEAL IMMEDIATELY WITH EMERGENCY PROBLEMS OF EROSION.

2. THE CONTRACTOR IS ADVISED TO BECOME THOUROUGHLY FAMILIAR WITH THE PROVISIONS OF APPENDIX 64,EROSION CONTROL RULES AND REGULATIONS, TITLE 25,PART 1, D.E.P., SUB-PART C, PROTECTION OF NATURAL RESOURCES,ARTICLE III,WATER RESOURCES,CHAPTER 102,EROSION CONTROL.

RECYCLING AND DISPOSAL METHODS:

THE SELECTED CONTRACTOR WILL BE RESPONSIBLE FOR PROPER RECYCLING AND/OR DISPOSAL OF MATERIALS GENERATED BY THE SITE CONSTRUCTION ACTIVITIES AND EXCESS OR SCRAP MATERIALS USED DURING THE DEVELOPMENT OF THE PROJECT.

THE FOLLOWING MAINTENANCE ACTIVITIES ARE RECOMMENDED.

1. WOODY MATERIALS TO BE SHREDDED FOR USE AS MULCH FOR TEMPORARY AND PERMANENT EROSION CONTROL.

2. TOPSOIL TO BE STOCKPILED FOR REUSE ON THE SITE
.
3. CEMENT CONCRETE AND BITUMINOUS CONCRETE MATERIALS THAT ARE GENERATED DURING SITE CLEARING OPERATIONS TO BE SEGREGATED AND RECYCLED.

4. CONSTRUCTION MATERIALS AND TRASH AND/OR RUBBISH GENERATED DURING CONSTRUCTION ACTIVITIES TO BE PROPERLY SEGREGATED AND RECYCLED TO THE EXTENT PRACTICAL.

5. ALL MATERIALS THAT ARE NOT SUITABLE FOR REUSE AND/OR RECYCLING TO BE DISPOSED OF AT THE APPROPRIATE LEGALLY OPERATED LANDFILL.

6. NO BURNING SHALL BE PERMITTED ON THE SITE.

7. NO BURYING OF DELETERIOUS MATERIALS, TRASH OR RUBBISH WILL BE PERMITTED ON THE SITE.

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS8502.dwg PLOTTED: 10/21/2020 4:48 PM, BY: Sean Gaffney PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----

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ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL CARL ANTHONY ST PIERRE ENGINEER No. PE061824

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

EROSION AND SEDIMENT CONTROL NOTES

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

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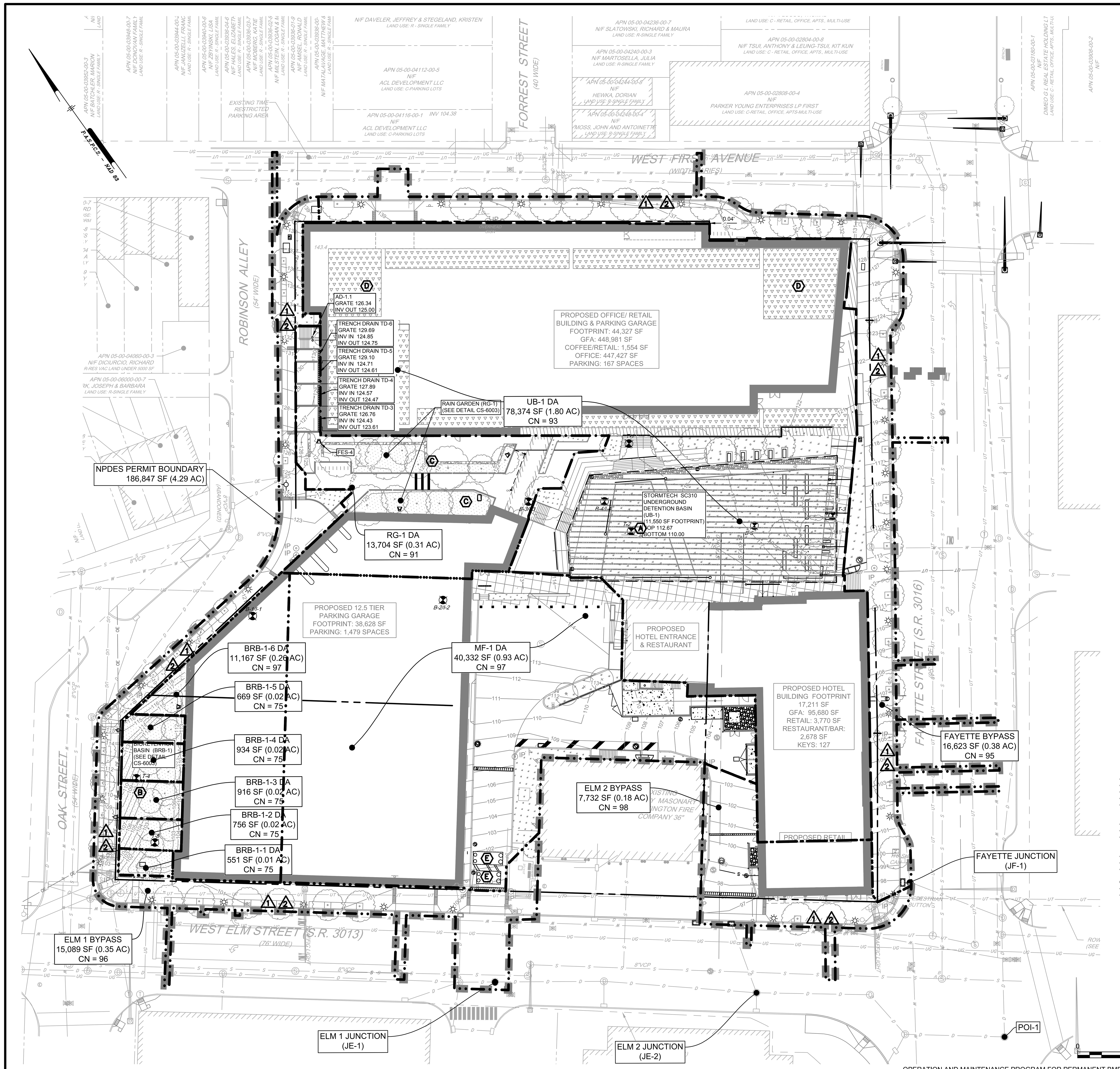
PROJECT	KEYP1401
DATE	10/15/2018
DRAWING SCALE	N.T.S.
DRAWN BY	SWC
APPROVED BY	CAS

CS8502

SHEET 23 OF 24



LEGEND

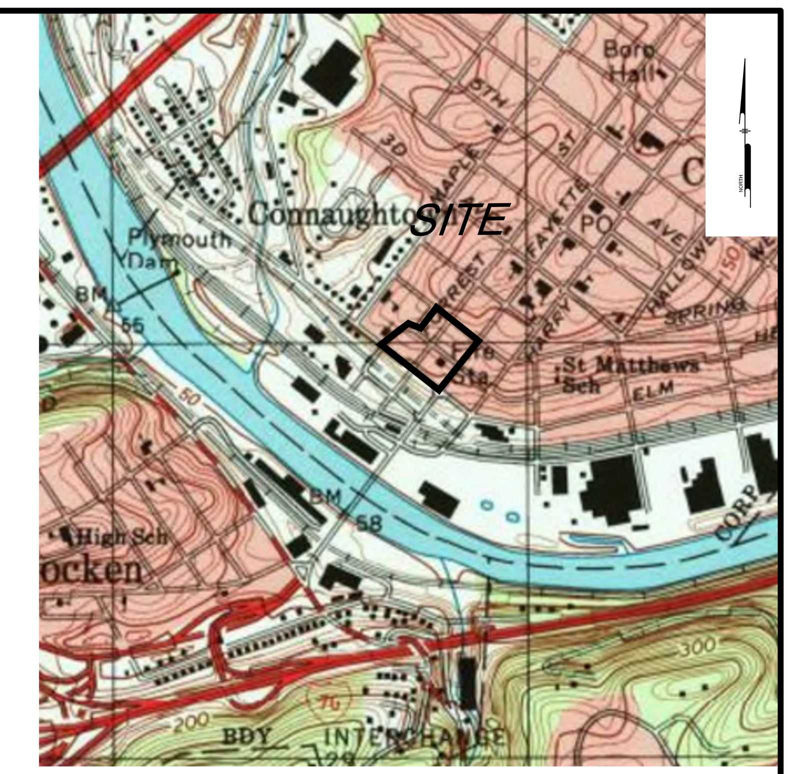
EXISTING

LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING CURB
- EXISTING SIDEWALK

PROPOSED

- PROPOSED PUBLIC ACCESS EASEMENT
- PROPOSED CONCRETE
- PROPOSED CROSSWALK
- PROPOSED HARDSCAPE
- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- MON PROPOSED MONUMENT
- IP PROPOSED IRON PIN
- DRAINAGE AREA BOUNDARY
- PROPOSED LANDSCAPE AREA
- PROPOSED GREEN ROOF
- PROPOSED BIORETENTION/RAIN GARDEN



LOCATION MAP
SCALE: 1" = 1000'

SITE INFORMATION:

ADDRESS: FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA

CLIENT: KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

GENERAL NOTES:

1. NO GEOLOGIC SOIL FORMATIONS OR SOIL CONDITIONS THAT MAY HAVE THE POTENTIAL TO CAUSE POLLUTION EXIST ON SITE.
2. NO WETLANDS OR RIPARIAN BUFFERS EXIST ON SITE.
3. THE RECEIVING WATERCOURSE IS THE SCHUYLKILL RIVER, AND THE CHAPTER 93 DESIGNATION IS WWF-MF (WARM WATER FISH).
4. THE OVERALL STORMWATER DESIGN PRESERVES THE INTEGRITY OF STREAM CHANNELS, AND MAINTAINS AND PROTECTS THE PHYSICAL, BIOLOGICAL, AND CHEMICAL QUALITIES OF THE RECEIVING STREAM.
5. ANY INCREASE IN THE RATE OR VOLUME OF STORMWATER RUNOFF HAS BEEN PREVENTED, BY UTILIZING OTHER MEASURES OR CONTROLS.
6. ALL IMPERVIOUS AREAS HAVE BEEN MINIMIZED.
7. THE PROTECTION OF EXISTING DRAINAGE FEATURES AND EXISTING VEGETATION HAS BEEN MAXIMIZED.
8. ALL LAND CLEARING AND GRADING, SOIL COMPACTION, AND THE EXTENT AND DURATION OF EARTH DISTURBANCE, HAVE BEEN MINIMIZED.
9. ALL SOIL COMPACTION HAS BEEN MINIMIZED.
10. OTHER STRUCTURAL OR NONSTRUCTURAL BMPS THAT PREVENT OR MINIMIZE CHANGES IN STORMWATER RUNOFF HAVE BEEN UTILIZED.

RECYCLING AND DISPOSAL METHODS:

THE SELECTED CONTRACTOR WILL BE RESPONSIBLE FOR PROPER RECYCLING AND/OR DISPOSAL OF MATERIALS GENERATED BY THE SITE CONSTRUCTION ACTIVITIES AND EXCESS OR SCRAP MATERIALS USED DURING THE DEVELOPMENT OF THE PROJECT.

THE FOLLOWING MAINTENANCE ACTIVITIES ARE RECOMMENDED.

1. WOODY MATERIALS TO BE SHREDDED FOR USE AS MULCH FOR TEMPORARY AND PERMANENT EROSION CONTROL.
2. TOPSOIL TO BE STOCKPILED FOR REUSE ON THE SITE.
3. CEMENT CONCRETE AND BITUMINOUS CONCRETE MATERIALS THAT ARE GENERATED DURING SITE CLEARING OPERATIONS TO BE SEGREGATED AND RECYCLED.
4. CONSTRUCTION MATERIALS AND TRASH AND/OR RUBBISH GENERATED DURING CONSTRUCTION ACTIVITIES TO BE PROPERLY SEGREGATED AND RECYCLED TO THE EXTENT PRACTICAL.
5. ALL MATERIALS THAT ARE NOT SUITABLE FOR REUSE AND/OR RECYCLING TO BE DISPOSED OF AT THE APPROPRIATE LEGALLY OPERATED LANDFILL.
6. NO BURNING SHALL BE PERMITTED ON THE SITE.
7. NO BURYING OF DELETERIOUS MATERIALS, TRASH OR RUBBISH WILL BE PERMITTED ON THE SITE.

CRITICAL STAGES: (UB-1)
- VERIFY THAT STONE AND CHAMBERS MEETS SPECIFICATION.
- INSPECT CHAMBER LAYOUT.
- VERIFY STONE PLACEMENT PRIOR TO WRAPPING WITH GEOTEXTILE FABRIC.
- INSPECT OUTLET STRUCTURES TO VERIFY THEY ARE PER THE DESIGN.
- VERIFY PIPE INVERTS, SUMP DEPTH, AND HOOD PLACEMENT.

CRITICAL STAGES: (RG-1)
- INSPECT SUBGRADE PRIOR TO VEGETATING.
- INSPECT VEGETATION AFTER PLANTING.
- INSPECT OUTLET STRUCTURES TO VERIFY THEY ARE PER THE DESIGN.

CRITICAL STAGES: (BRB-1)
- INSPECT SUBGRADE PRIOR TO VEGETATING.
- INSPECT VEGETATION AFTER PLANTING.
- INSPECT OUTLET STRUCTURES TO VERIFY THEY ARE PER THE DESIGN.

CRITICAL STAGES: (MF-1)
- VERIFY PIPE INVERTS
- CARTRIDGE INSTALLATION ONCE SITE IS STABILIZED

SEQUENCE OF CONSTRUCTION:

1. INSTALL ORANGE SAFETY FENCE COINCIDENT WITH THE LIMIT OF DISTURBANCE LINE AS ILLUSTRATED ON THE PLANS. CONSTRUCTION ACTIVITY IS NOT TO OCCUR BEYOND THE ORANGE SAFETY FENCE.
2. INSTALL ROCK CONSTRUCTION ENTRANCES AS ILLUSTRATED ON THE PLANS. ACCESS WILL BE LIMITED TO THESE ENTRANCES.
3. INSTALL INLET PROTECTION AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
4. INSTALL COMPOST FILTER SOCK AS ILLUSTRATED ON THE PLANS.
5. PRIOR TO PROCEEDING WITH CONSTRUCTION, CONFIRM LOCATION AND ELEVATION OF EXISTING UTILITIES. MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN. EXISTING FIRE HYDRANTS TO REMAIN ACCESSIBLE AND ACTIVE THROUGHOUT CONSTRUCTION.
6. BEGIN CLEARING AND GRUBBING AND DEMOLITION ACTIVITIES, REMOVE AND DISPOSE OF ALL MATERIAL IN AN ACCEPTABLE MANNER.
7. INSTALL ORANGE SAFETY FENCE AROUND THE PERIMETER OF THE BASINS TO KEEP CONSTRUCTION EQUIPMENT OUT OF THESE AREAS. THESE AREAS SHALL BE PROTECTED FROM COMPACTION PRIOR TO PERMANENT BMP INSTALLATION. REFER TO SPECIFIC STORM WATER BMP'S SEQUENCE OF CONSTRUCTION, SHEET CS6003 AND CS6004.
8. COMMENCE BULK EARTHWORK FOR BUILDING AND DRIVEWAY CONSTRUCTION. EXCAVATION SHALL BE LIMITED TO THE MINIMUM AREA REQUIRED TO CONSTRUCT BUILDINGS. NO EXCAVATION SHALL OCCUR IN AREAS OF STORMWATER BMPS.
9. COMMENCE CONSTRUCTION OF BUILDINGS AND DRIVEWAY TO BASE COURSE.
10. CONSTRUCT UTILITIES NECESSARY TO SUPPORT BUILDINGS AND PROVIDE STUBS FOR BUILDING CONNECTIONS. CONTRACTOR SHALL EXCAVATE ONLY ENOUGH TRENCH WHICH PIPE CAN BE INSTALLED AND TRENCH BACKFILLED BY THE END OF EACH WORKING DAY.
11. CONSTRUCT STORM STRUCTURES AND ASSOCIATED PIPING. SEAL DRAINS TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM.
12. ***INSTALL MEDIA FILTER MF-1.**
13. ***AFTER COMPLETION OF BUILDING CORE AND SHELL CONSTRUCT UNDERGROUND INFILTRATION BASIN UB-1 (SEE UNDERGROUND INFILTRATION BASIN SEQUENCE OF CONSTRUCTION DRAWING CS-6004)**
14. ***CONSTRUCT BIO-RETENTION BASIN BRB-1 (SEE BIO-RETENTION BASIN SEQUENCE OF CONSTRUCTION DRAWING CS-6003)**
15. ***CONSTRUCT RAIN GARDEN RG-1 (SEE RAIN GARDEN SEQUENCE OF CONSTRUCTION CS-6003)**
16. ***CONSTRUCT GREEN ROOF (SEE GREEN ROOF SEQUENCE OF CONSTRUCTION DRAWING CS-6004)**
17. PRIOR TO REMOVAL OR CONVERSION OF EROSION CONTROL MEASURES A SITE INSPECTION IS REQUIRED FROM THE CONSERVATION DISTRICT.
18. REMOVAL OF EROSION CONTROL MEASURES SHALL OCCUR ONLY UPON 75% UNIFORM STABILIZATION OF DISTURBED TRIBUTARY AREA OF CONTROL. STABILIZATION SHALL BE CONSIDERED IN THE FORM OF VEGETATION, STONE, PAVING, OR UNIT CONSTRUCTION.

***CRITICAL STAGE: DURING CONSTRUCTION OF STORMWATER BMPS A LICENSED PROFESSIONAL OR DESIGNEE SHALL BE PRESENT ON THE PROJECT SITE TO DOCUMENT THE INFORMATION AND MEASUREMENTS REQUIRED.**

SOILS CHARACTERISTICS CHART

DESCRIPTION: SYMBOL	DESCRIPTION: SOIL		TABLE 6 INFORMATION: DEPTH TO S.H.W.T.	DEPTH TO BEDROCK	SUITABILITY FOR: SAND AND GRAVEL	BUILDINGS WITH BASEMENTS	BUILDINGS W/O BASEMENTS	SEPTIC	CONSTRUCTION OF ROADS	ROAD FILL	TOPSOIL	PONDS RESERVOIR	EMBANKMENTS	FROST ACTION	AGRICULTURAL SOILS CLASSIFICATION	USDA-SCS SOIL RATING FOR NFILTRATION AND ERODIBILITY	HYDRIC SOIL
UugD	URBAN LAND - UDORTHENTS, SCHIST, AND GNEISS COMPLEX	8%-25% SLOPES	60"	10"-99"	POOR	VERY LIMITED	VERY LIMITED	MODERATELY LIMITED	VERY LIMITED	POOR	POOR	VERY LIMITED	SOMEWHAT LIMITED	NONE	NOT PRIME FARMLAND	GROUP C	NO

NOTE: * INDICATES SOILS WITH COMPONENTS OF ALLUVIAL SOILS
NOTE: # INDICATES SOILS WITH INCLUSIONS OF HYDRIC SOILS

USDA-SCS SOIL GROUP RATING FOR INFILTRATION AND ERODIBILITY
GROUP A: LOWEST RUNOFF POTENTIAL WITH HIGH INFILTRATION RATES.
GROUP B: LOW TO MODERATE RUNOFF POTENTIAL, WITH MODERATE INFILTRATION WHEN WET.
GROUP C: MODERATE TO HIGH RUNOFF POTENTIAL, WITH SLOW INFILTRATION WHEN WETTED.
GROUP D: HIGH RUNOFF POTENTIAL, WITH VERY SLOW INFILTATION RATES WHEN WETTED.

SOIL USE LIMITATIONS AND RESOLUTIONS:

1. IF GROUNDWATER IS ENCOUNTERED DURING FOUNDATION OR UTILITY EXCAVATION, WATER SHALL BE PUMPED FROM TRENCH INTO FILTER BAG.
2. DUE TO FROST ACTION LIMITATIONS OF SOILS DURING WINTER MONTHS, THE CONTRACTOR SHALL CEASE ALL EARTH MOVING ACTIVITIES DURING FROSTING OR ICING CONDITIONS.
3. IF BEDROCK IS ENCOUNTERED DURING EXCAVATION, ROCK SHALL BE REMOVED AND DISPOSED OF IN A LEGAL MANNER.
4. SOIL TESTS SHOULD BE PERFORMED TO DETERMINED SOIL SUITABILITY FOR TOPSOIL. IF SOIL IS UNSUITABLE, TOPSOIL SHALL BE IMPORTED.

INFILTRATION TABLE

TEST NO.	INFILTRATION RATE (IN/HR)
I-2	0.89
I-3	1.23
I-4	0.89
T-1	0.56
T-2	0.00
T-3	3.10
T-4	1.50
T-5	0.06

MANAGED AREA BREAKDOWN

BMP	DRAINAGE AREA (AC)
UB-1	1.799
RG-1	0.315
BRB-1	0.344
MF-1	0.926
ON-SITE BYPASS	0.239
SITE	3.623
% MANAGED BY BMP	93.4%
NON-STRUCURAL BMPS (ROW)	0.667
TOTAL	4.051
LOD	4.289
% MANAGED BY BMP	94.5%

PERMANENT POST-CONSTRUCTION BMPs

STRUCTURAL BMPs
- (A) UNDERGROUND INFILTRATION BASIN
- (B) BIO-RETENTION BASIN
- (C) RAIN GARDEN
- (D) GREEN ROOF
- (E) MEDIA FILTER

NON-STRUCTURAL BMPs (VEGETATIVE)
- (1) REVEGETATE/REFOREST DISTURBED AREA
- (2) LANDSCAPE RESTORATION

OPERATION AND MAINTENANCE PROGRAM FOR PERMANENT BMPs

(A) UNDERGROUND INFILTRATION BASIN

1. INSPECT AFTER EACH RUNOFF PRODUCING RAINFALL.
2. CLEAN OUT AREA DRAIN STRUCTURE DRAINING TO UNDERGROUND INFILTRATION BASIN BIANNUALLY.

(B) BIO-RETENTION BASIN

1. INSPECT AFTER EACH RUNOFF PRODUCING RAINFALL.
2. REMOVE FALLEN LEAVES AND GRASS CLIPPINGS IMMEDIATELY. DO NOT USE HEAVY EQUIPMENT WITHIN THE RAIN GARDEN.
3. REMOVE TRASH AND DEBRIS ON A WEEKLY BASIS.
4. MAINTAIN VEGETATION ON THE TOP OF BERMS AND ON EXTERIOR SLOPES OF EMBANKMENTS. DO NOT ALLOW TREES AND SHRUBS TO GROW ON THE EMBANKMENT AREAS.
5. INSPECT EMBANKMENTS, OUTLET STRUCTURES, AND SPILLWAYS QUARTERLY AND AFTER EACH RUNOFF PRODUCING STORM.
6. RAIN GARDENS SHOULD ONLY BE MOWED TWICE PER YEAR, ONCE IN MARCH AND ONCE IN JULY.

(C) RAIN GARDEN

1. INSPECT AFTER EACH RUNOFF PRODUCING RAINFALL.
2. REMOVE FALLEN LEAVES AND GRASS CLIPPINGS IMMEDIATELY. DO NOT USE HEAVY EQUIPMENT WITHIN THE RAIN GARDEN.
3. REMOVE TRASH AND DEBRIS ON A WEEKLY BASIS.
4. MAINTAIN VEGETATION ON THE TOP OF BERMS AND ON EXTERIOR SLOPES OF EMBANKMENTS. DO NOT ALLOW TREES AND SHRUBS TO GROW ON THE EMBANKMENT AREAS.
5. INSPECT EMBANKMENTS, OUTLET STRUCTURES, AND SPILLWAYS QUARTERLY AND AFTER EACH RUNOFF PRODUCING STORM.
6. RAIN GARDENS SHOULD ONLY BE MOWED TWICE PER YEAR, ONCE IN MARCH AND ONCE IN JULY.

(D) GREEN ROOF

1. ROOF DRAINS MUST BE CLEARED WHEN SOIL SUBSTRATE, VEGETATION, DEBRIS OR OTHER MATERIALS CLOG THE DRAIN INLET. UNDER NORMAL OPERATING CONDITIONS, ALL ROOF DISCHARGE MUST BE FILTERED AND MEDIUM MUST NOT BE VULNERABLE TO MIGRATION TOWARD THE DRAINS. SOURCES OF SEDIMENT AND DEBRIS MUST BE IDENTIFIED AND CORRECTED.
2. PLANT MATERIAL MUST BE MAINTAINED TO PROVIDE A MINIMUM OF 90% FOLIAGE COVER DURING WARM MONTHS. IF COVERAGE RATE IS DECLINING, DETERMINE THE REASON (E.G., SOIL NUTRITION OR SOIL MOISTURE CONDITIONS) AND IMPLEMENT REMEDIAL MEASURES.
3. PREFERENTIALLY, WEEDING MUST BE DONE MANUALLY, WITH HERBICIDE USE LIMITED TO EXTREME INSTANCES OF WEED INFESTATIONS THAT COMPROMISE THE PLANT COVER INTEGRITY. WEEDS MUST BE REMOVED ENTIRELY.
4. INSPECT ROOT DEVELOPMENT. IF ROOT ZONE IS NOT WELL DEVELOPED, DETERMINE THE REASON (E.G., SOIL NUTRITION OR SOIL MOISTURE CONDITIONS) AND IMPLEMENT REMEDIAL MEASURES.
5. PROJECTS WITH PERMANENT IRRIGATION MUST BE INSPECTED AND IRRIGATION DOSING RATES ADJUSTED TO OPTIMIZE PLANT PERFORMANCE AND WATER USE EFFICIENCY.
6. GROWING MEDIUM MUST BE INSPECTED FOR EVIDENCE OF EROSION FROM WIND OR WATER. IF EROSION CHANNELS ARE EVIDENT, A PROBLEM WITH THE DRAINAGE SYSTEM OR WITH THE GREEN ROOF MEDIUM IS INDICATED. SURFACE PONDING OR RUNOFF MUST NOT OCCUR EXCEPT DURING VERY LARGE RAINFALL EVENTS. AFTER CORRECTING THE PROBLEM, REFRESH THE AFFECTED AREAS WITH ADDITIONAL GROWTH MEDIUM AND PROVIDE TEMPORARY SOIL STABILIZATION.
7. MANUALLY CUT DETRITAL HERBACEOUS VEGETATION FROM THE PREVIOUS GROWING SEASON TO FOUR TO SIX INCHES ABOVE THE GROUND.
8. INSPECT DRAIN INLET PIPE AND CONTAINMENT SYSTEM
9. TEST GROWING MEDIUM FOR SOLUBLE NITROGEN CONTENT. FERTILIZE AS NEEDED.

(E) HYDRO INTERNATION UP-FLO MEDIA FILTER

1. INSPECT AFTER EACH RUNOFF PRODUCING RAINFALL.
2. REMOVE SEDIMENT FOR DEPTHS OF 16 INCHES OR GREATER.
3. REMOVE FLOATABLE TRASH, DEBRIS, AND OIL.
4. DRAIN DOWN FILTER, FILTER MODULES, AND MEDIA PACKS TO BE REPLACED ANNUALLY.

PERMANENT STORMWATER BMP OPERATION AND MAINTENANCE SCHEDULE:

1. THE SELECTED CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL STORMWATER BMPS THROUGH THE CONSTRUCTION PERIOD UNTIL SUCH TIME AS THE OWNER ACCEPTS THE PROJECT AS COMPLETED.
2. ALL CATCH BASINS AND INLETS UPSTREAM OF BASINS SHALL BE INSPECTED AND CLEANED AT LEAST TWO TIMES PER YEAR AND AFTER RUNOFF EVENTS.
3. ALL PREVENTIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, REMULCHING AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF STORMWATER BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S OR MODIFICATIONS OF THOSE INSTALLED WILL BE NEEDED.
4. SEEDED AREAS THAT HAVE WASHED AWAY SHALL BE FILLED AND GRADED, AS NECESSARY, AND THEN RESEEDED. A STRAW COVER SHALL BE APPLIED TO RETAIN THE SEED ALONG WITH AN ANCHORING METHOD DESCRIBED ON THE ATTACHED MULCH ANCHORING GUIDE, UNTIL IT HAS A CHANCE TO ROOT PROPERLY. ALL VEGETATION SHOULD BE INSPECTED ANNUALLY FOR EROSION AND/OR UNWANTED GROWTH OF INVASIVE SPECIES.
5. ALL CARE SHOULD BE TAKEN TO AVOID EXCESSIVE COMPACTION BY MOWERS.
6. WHERE BMP'S ARE FOUND TO FAIL AND NOT MEET APPROVED DESIGN REQUIREMENTS, THE PERMITTEE OR CO-PERMITTEE SHALL INCLUDE THE FOLLOWING INFORMATION.
   - 6.1. THE LOCATION AND SEVERITY OF THE BMPS FAILURE AND ANY POLLUTION EVENTS.
   - 6.2. ALL STEPS TAKEN TO, REDUCE, ELIMINATE AND PREVENT THE RECURRENCE OF THE NON-COMPLIANCE.
   - 6.3. THE TIME FRAME TO CORRECT THE NON-COMPLIANCE, INCLUDING THE EXACT DATES WHEN THE ACTIVITY WILL RETURN TO COMPLIANCE.
7. BEFORE INITIATING ANY REVISION TO THE APPROVED PCSM PLAN OR REVISIONS TO OTHER PLANS WHICH MAY EFFECT THE EFFECTIVENESS OF THE APPROVED PCSM PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE PA DEP. THE OPERATOR SHALL ASSURE THAT THE APPROVED PCSM PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
8. DURING THE LIFE OF THE PERMANENT BMP'S, ALL STORMWATER BMP'S AND CONTROL DEVICES MUST BE PROPERLY MAINTAINED. MAINTENANCE SHALL INCLUDE THE INSPECTION OF THESE FACILITIES (BASIN BOTTOMS, TRASH RACK, OUTLET STRUCTURES AND RIPRAP) AFTER EACH STORM EVENT AND AT-LEAST FOUR TIMES A YEAR. IMMEDIATELY PERFORM CLEANOUT OF TRASH AND/OR SEDIMENT AND DISPOSE OF IN AN APPROVED MANNER, REPAIR AND REPLACEMENT OF THE FACILITIES AS NEEDED.
9. ALL PROPOSED VEGETATION SHALL BE WATERED REGULARLY DURING THE FIRST YEAR TO ENSURE SUCCESSFUL ESTABLISHMENT.

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Philadelphia, PA 19103
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ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER CARL ANTHONY ST PIERRE No. PE061804

SORA WEST

FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

DATE	NO.	REVISIONS	BY
10/21/2020	9	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	SWC
9/3/2020	8	AMENDED FINAL LAND DEVELOPMENT	SWC

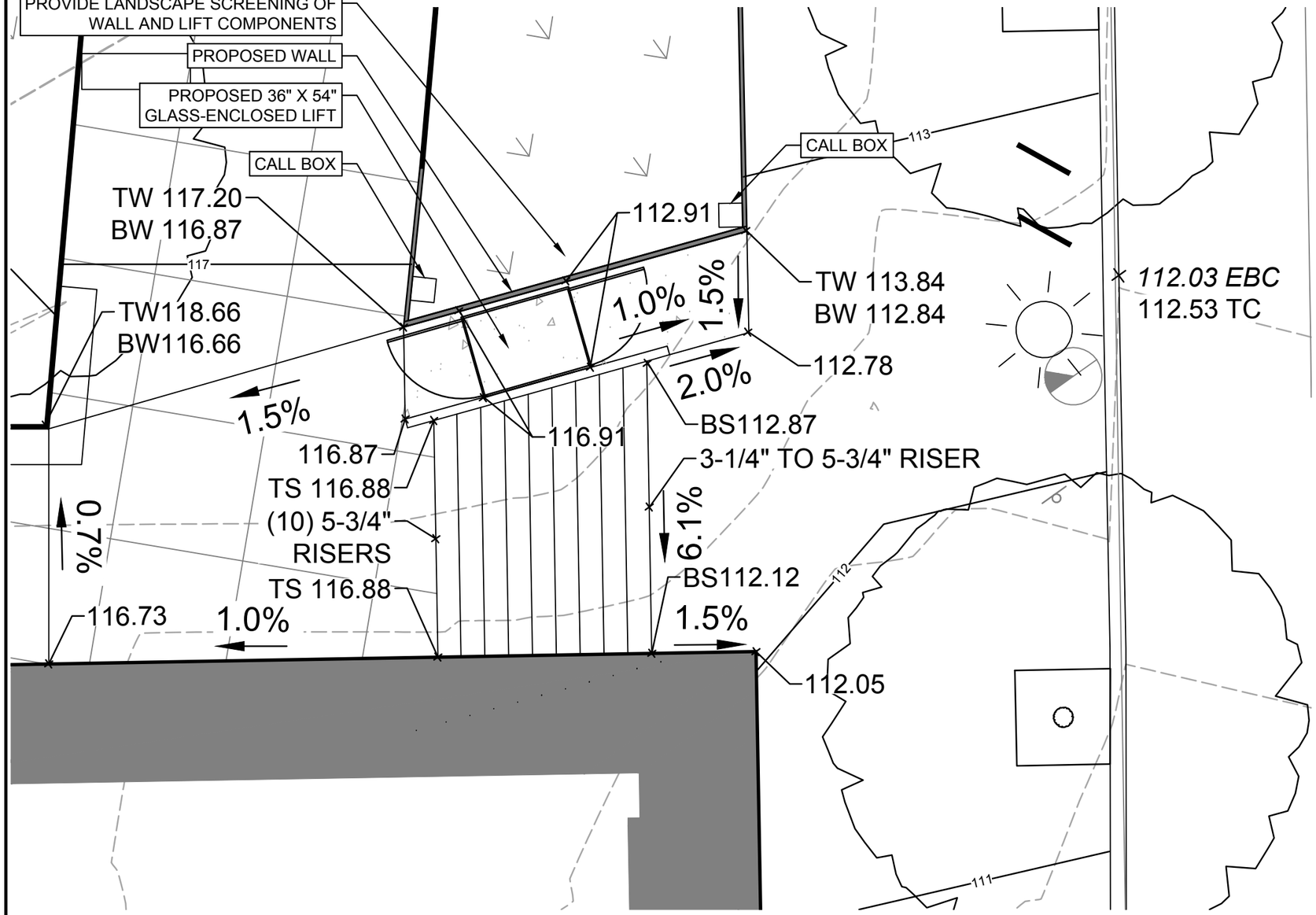
ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATE; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT	KEYP1401
DATE	07/02/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

CS9501

SHEET 24 OF 24

P:\Projects\KEYP\KEYP1401-One Conshohocken\DESIGN_PUBLISH\Land Development\CS9501.dwg PLOTTED: 10/21/2020 5:19 PM, BY: Samuel J. Kush PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: ----



TINTED GLASS ENCLOSED LIFT TO BE PROVIDED
(SIMILAR LIFT OR APPROVED EQUAL TO BE PROVIDED)

0 5' 10'

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 **F** 215.222.3588

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SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

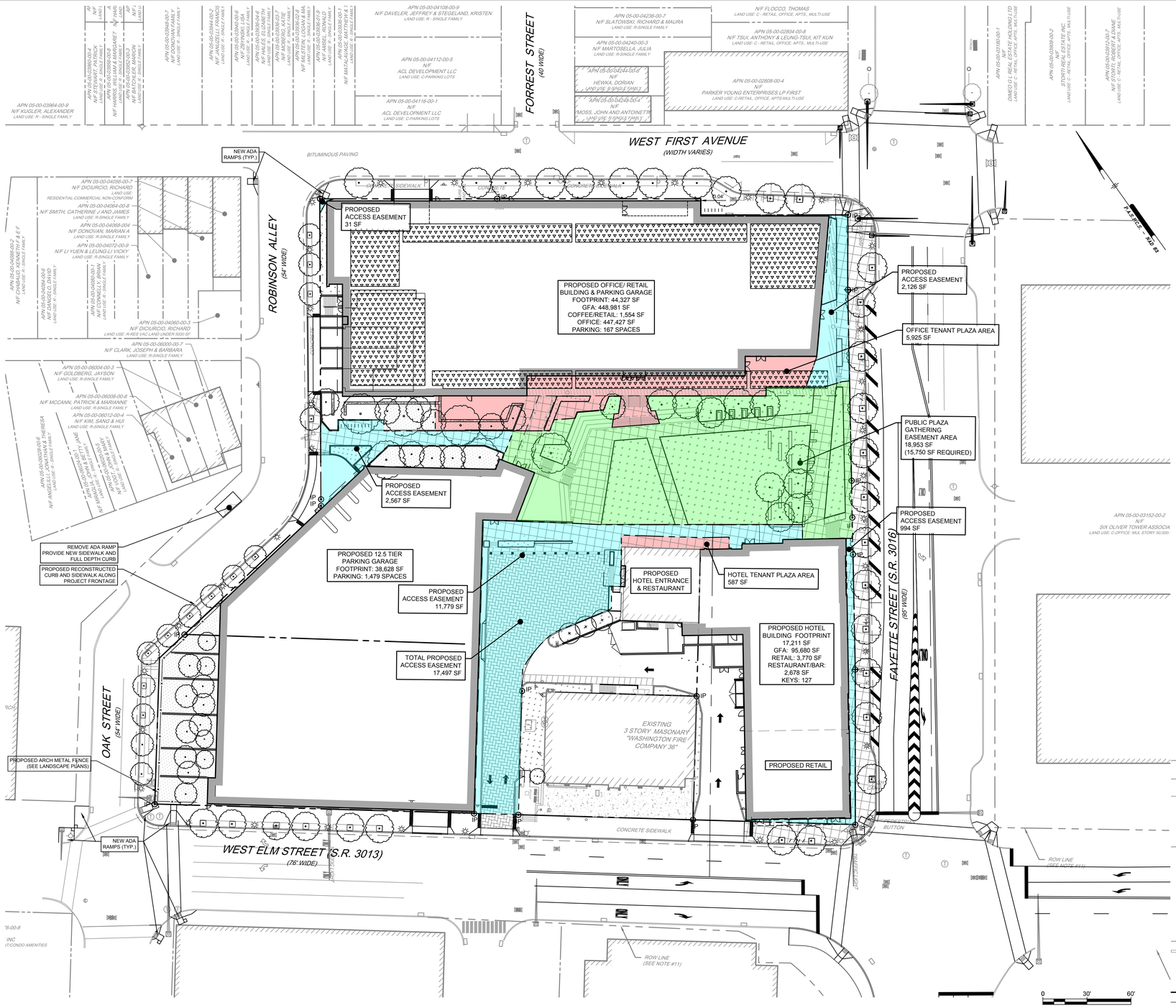
ADA LIFT EXHIBIT

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

PROJECT	KEYP1401
DATE	10/21/2020
DRAWING SCALE	1"=5'
DRAWN BY	SWC
APPROVED BY	CAS

SK-009

SHEET 1 OF 2



LEGEND

EXISTING

LEGEND

- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING TREES
- EXISTING CURB
- EXISTING SIDEWALK

PROPOSED

- CURB LINE
- PROPERTY LINE
- RETAINING WALL
- SIDEWALK
- BUILDING OUTLINE
- DEPRESSED CURB
- SIGN
- MON PROPOSED MONUMENT
- IP PROPOSED IRON PIN
- BUILDING OVERHANG
- PROPOSED PLAZA HARDSCAPE
- PROPOSED DRIVEWAY PAVERS
- PROPOSED WALL
- PROPOSED LANDSCAPE AREA
- PROPOSED GREEN ROOF

Pennoni

PENNONI ASSOCIATES INC.
One Drexel Plaza
3001 Market Street, Suite 200
Philadelphia, PA 19104
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

PLAZA EASEMENT EXHIBIT

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

NO	DATE	REVISIONS	BY
6	10/21/2020	AMENDED FINAL LAND DEVELOPMENT RESUBMISSION	JS
5	9/31/2020	AMENDED FINAL LAND DEVELOPMENT	JS
4	8/20/2019	PER BOROUGH COMMENTS	JS
3	6/21/2019	AMENDED LAND DEVELOPMENT APPLICATION	JS
2	4/5/2019	AMENDED LAND DEVELOPMENT APPLICATION	JS
1	10/03/2018	ACCESSIBLE LIFT ADDED TO HOTEL	JS

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PROJECT	KEYP1401
DATE	9/11/2018
DRAWING SCALE	1"=30'
DRAWN BY	SWC
APPROVED BY	CAS

FIG-2

SHEET 1 OF 1

P:\Projects\KEYP\KEYP1401-One Conshohocken\02SWK_PUBLISH\FIG-2 Easements.dwg PLOTTED: 10/21/2020 12:39 PM, BY: Sean Darcy PLOTSTYLE: Pennoni MCS.stb PROJECT STATUS: —

SORA WEST DEVELOPMENT
CONSHOHOCKEN, PA 19428

HOTEL WEST & MAIN

TAPESTRY COLLECTION BY HILTON™

LAND DEVELOPMENT SUBMITTAL
REVISION - OCT 21, 2020

CONCORD HOSPITALITY
DEVELOPMENT DEPARTMENT
Quality Schedule Budget

KEYSTONE PROPERTY GROUP

DESIGN STATEMENT

Hotel West & Main's design engages a three-part massing that holds and activates the NW corner of Fayette and Elm Streets. Equal attention is paid to both pedestrian scale and urban importance. At the base, the brick podium is calibrated to strike a balance between the weight of the brick and the openness of the façade. At the pedestrian realm, large spans of glass accentuate the retail and hotel meeting prefunction, articulated by brick piers that create an active rhythm as you move along the façade. The texture of the brick and horizontal divisions maintain a pedestrian friendly scale that avoids an imposing monolithic expression. The brick base and its emphasized corners also relate well to the adjacent historic fire station, creating a material association, while maintaining a contemporary feel. The hotel tower features a modulated, windowed façade that frames views to the river and complements the rhythm of the base. The new tower links to the adjacent historic fire station, which will be restored to house the hotel entrance and a new restaurant. The link portion has been designed to have minimal impact to the historic building while creating meaningful space to support the new restaurant. The steel and glass structure is a nod to the neighborhood's industrial roots and its transparency respects the existing facade. It includes a rooftop bar with views to the adjacent pedestrian plaza and a feature stair that provides easy access from the ground floor.

INDEX OF DRAWINGS

SHEET NUMBER	SHEET TITLE	SHEET SIZE
A.LD.0	COVER SHEET	30x42
A.LD.1	EXTERIOR ELEVATIONS	30x42
A.LD.2	EXTERIOR ELEVATIONS	30x42
A.LD.3	FLOOR PLANS - LOWER LEVELS	30x42
A.LD.4	FLOOR PLAN - LEVEL 01 LOBBY	30x42
A.LD.5	FLOOR PLAN - LEVEL 02	30x42
A.LD.6	FLOOR PLANS - GUESTROOM FLOORS	30x42
A.LD.7	BUILDING SECTION	30x42
A.LD.8	TRANSPARENCY DIAGRAMS	11x17
A.LD.9	RENDERING - SE VIEW	11x17
A.LD.10	RENDERING - NE VIEW	11x17
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A.LD.12	HOTEL EXTERIOR LIGHTING PLAN	30x42

1

LAND DEVELOPMENT PACKAGE

CONSHOHOCKEN, PA 19428

COVER SHEET
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

A.LD.0
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EXTERIOR BUILDING ELEVATION - EAST (FAYETTE STREET)

SCALE: 1" = 20'-0"

EXTERIOR BUILDING ELEVATION - WEST

SCALE: 1" = 20'-0"

LAND DEVELOPMENT PACKAGE

CONSHOHOCKEN, PA 19428

EXTERIOR ELEVATIONS
HOTEL WEST & MAIN: HILTON TAPESTRY
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A.LD.1

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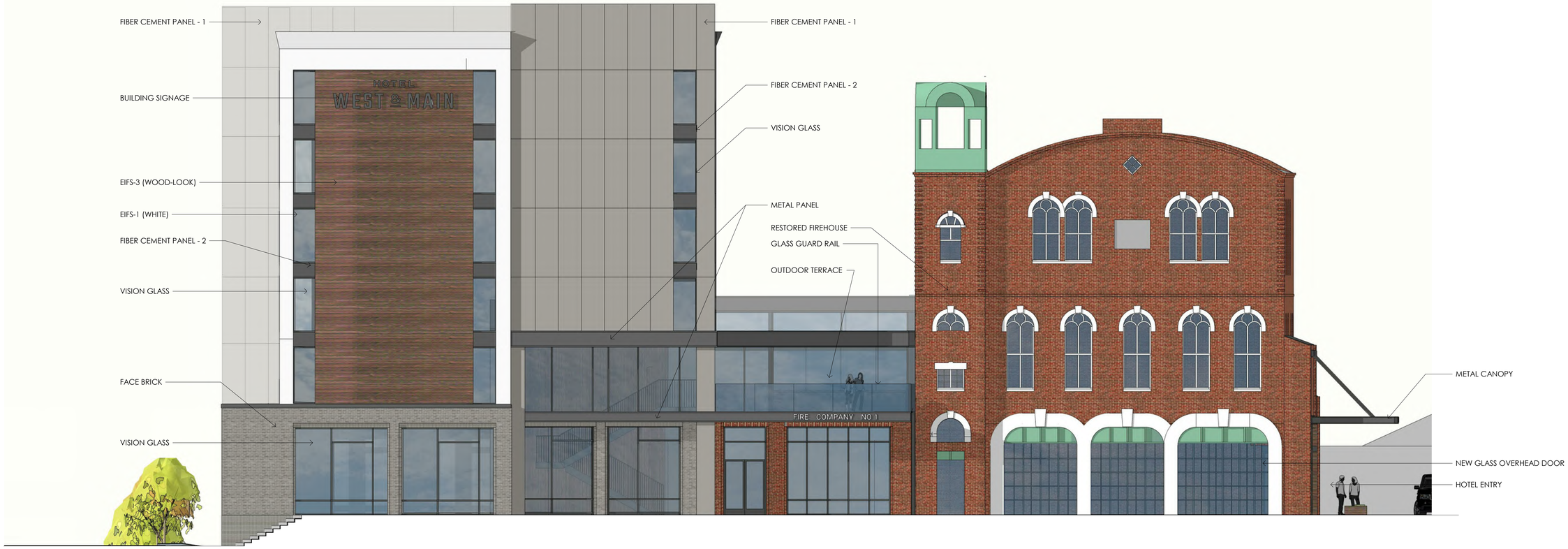

EXTERIOR BUILDING ELEVATION - NORTH (HOTEL & RESTORED FIREHOUSE)

SCALE: 1" = 20'-0"

EXTERIOR BUILDING ELEVATION - SOUTH (ELM STREET)

SCALE: 1" = 20'-0"

LAND DEVELOPMENT PACKAGE

CONSHOHOCKEN, PA 19428

EXTERIOR ELEVATIONS
HOTEL WEST & MAIN: HILTON TAPESTRY
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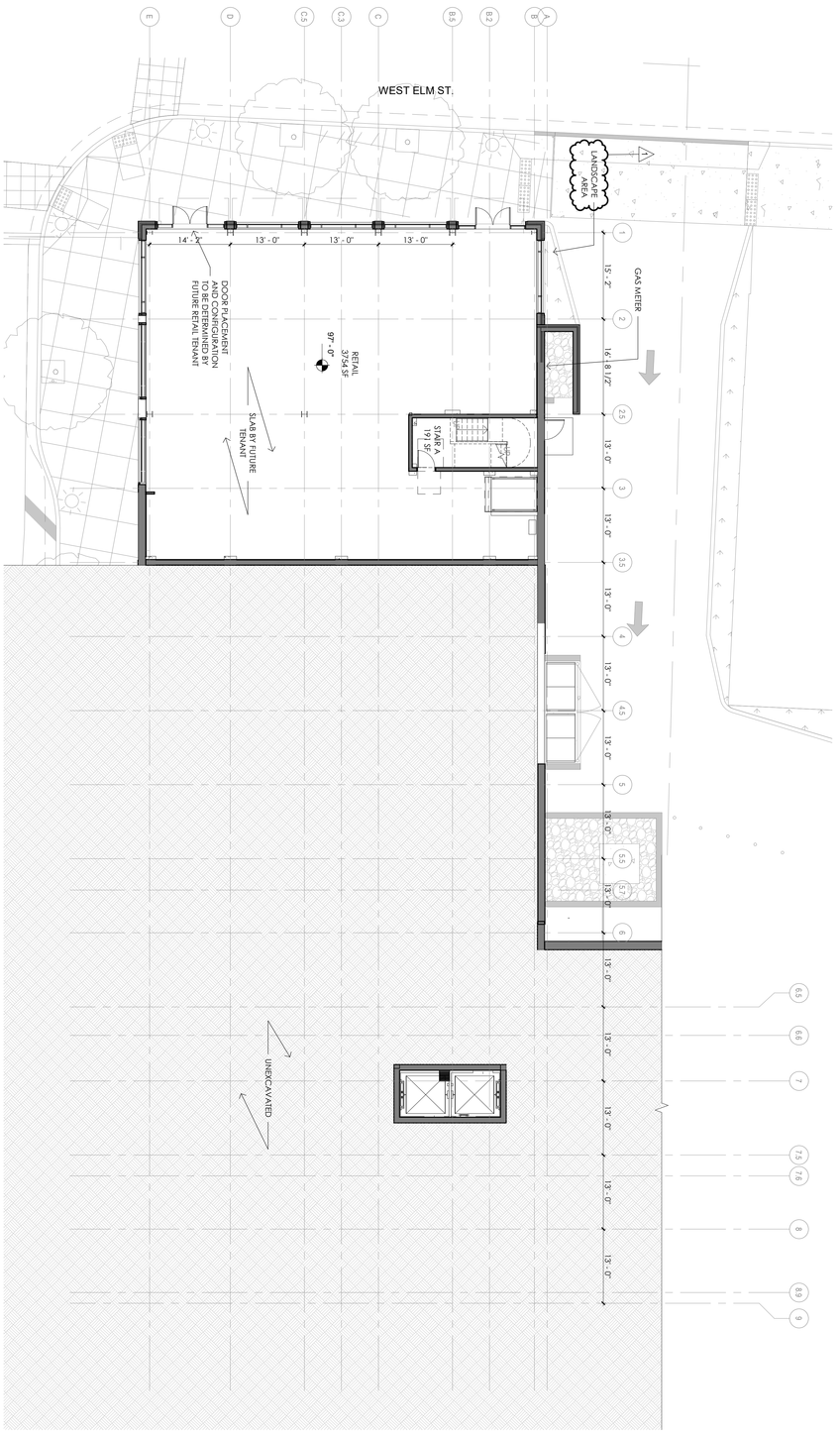
NORTH

SCALE: 3/32" = 1'-0"

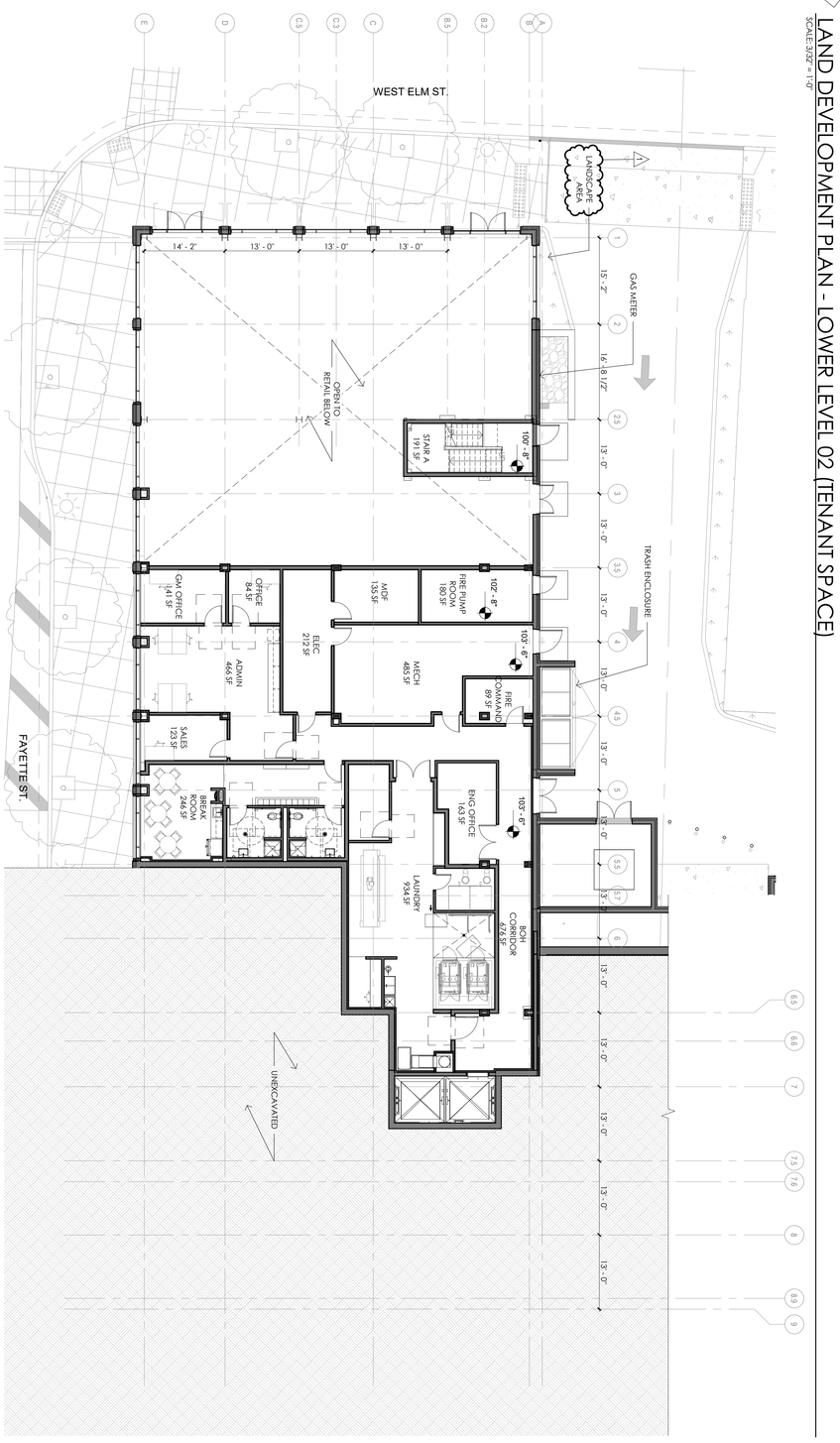
LAND DEVELOPMENT PLAN - LOWER LEVEL 02 (TENANT SPACE)



NORTH

SCALE: 3/32" = 1'-0"

LAND DEVELOPMENT PLAN - LOWER LEVEL 01 (BOH)



GSF - NEW BUILD (HOTEL)	
LEVEL	AREA
LOWER LEVEL L12	4098 SF
LOWER LEVEL L11	6945 SF
LEVEL 01	12809 SF
LEVEL 02	11560 SF
LEVEL 03	11645 SF
LEVEL 04	11645 SF
LEVEL 05	11645 SF
LEVEL 06	11645 SF
	80371 SF

GSF - NEW BUILD (LINK BUILDING)	
LEVEL	AREA
LEVEL 01	2124 SF
LEVEL 02	1328 SF
	3452 SF

GSF - RESTORED (FIREHOUSE)	
LEVEL	AREA
FIREHOUSE LEVEL B1	2164 SF
LEVEL 01	2208 SF
LEVEL 01	2124 SF
LEVEL 02	2191 SF
LEVEL 02	1328 SF
LEVEL 03	2191 SF
	12207 SF

KEY COUNT	
LEVEL 01	5
LEVEL 02	24
LEVEL 03	25
LEVEL 04	25
LEVEL 05	24
LEVEL 06	24
TOTAL: 127	

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FLOOR PLANS - LOWER LEVELS
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

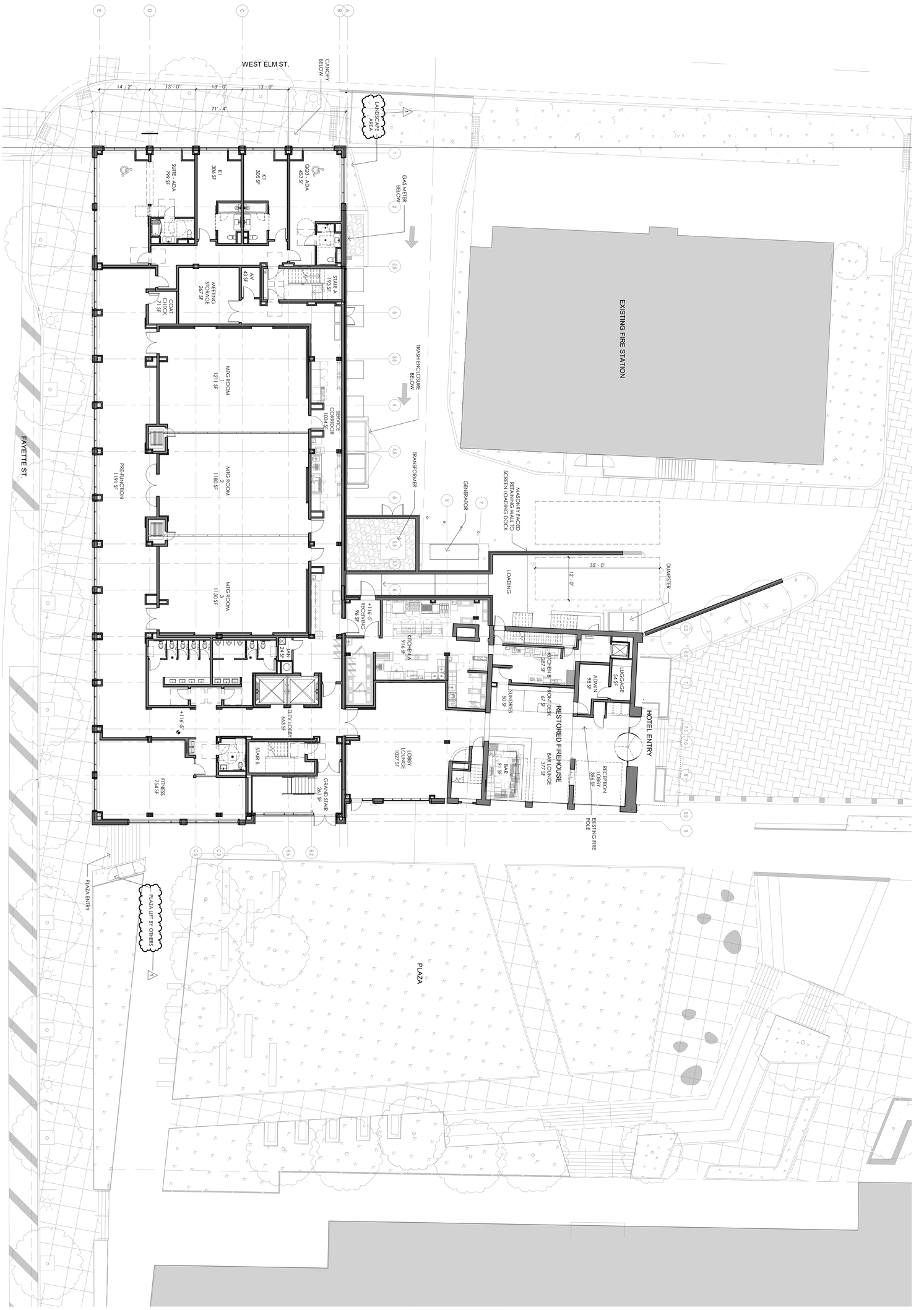
CONSHOHOCKEN, PA 19428

LAND DEVELOPMENT PACKAGE

NORTH

LAND DEVELOPMENT PLAN - LEVEL 01

SCALE: 3/32" = 1'-0"



ESTIMATED SEAT COUNT	
FIRST FLOOR	
LOBBY / LOBBY LOUNGE	60
SIDEWALK (EXTERIOR)	48
TOTAL FIRST FLOOR	**108**
SECOND FLOOR	
BOARDROOM	77
OUTDOOR TERRACE	38
FIREHOUSE DINING 1	38
FIREHOUSE DINING 2	30
FIREHOUSE DINING 3	12
TOTAL SECOND FLOOR	**195**

KEY COUNT	
LEVEL 01	5
LEVEL 02	24
LEVEL 03	25
LEVEL 04	25
LEVEL 05	24
LEVEL 06	24
TOTAL: 127	

GSF - RESTORED (FIREHOUSE)	
LEVEL	AREA
FIREHOUSE LEVEL B1	2164 SF
LEVEL 01	2208 SF
LEVEL 01	2124 SF
LEVEL 02	2191 SF
LEVEL 07	1328 SF
LEVEL 03	2191 SF
	12207 SF

GSF - NEW BUILD (LINK BUILDING)	
LEVEL	AREA
LEVEL 01	2124 SF
LEVEL 02	1328 SF
	3452 SF

GSF - NEW BUILD (HOTEL)	
LEVEL	AREA
LOWER LEVEL LL2	4080 SF
LOWER LEVEL LL1	4945 SF
LEVEL 01	12869 SF
LEVEL 02	11540 SF
LEVEL 03	11643 SF
LEVEL 04	11645 SF
LEVEL 05	11645 SF
LEVEL 06	11645 SF
	80571 SF

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FLOOR PLAN - LEVEL 01 LOBBY
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

CONSHOHOCKEN, PA 19428

LAND DEVELOPMENT PACKAGE

GSF - NEW BUILD (HOTEL)	
LEVEL	AREA
LOWER LEVEL LL2	4088 SF
LOWER LEVEL LL1	4945 SF
LEVEL 01	12869 SF
LEVEL 02	11540 SF
LEVEL 03	11643 SF
LEVEL 04	11645 SF
LEVEL 05	11645 SF
LEVEL 06	11645 SF
	80021 SF

GSF - NEW BUILD (LINK BUILDING)	
LEVEL	AREA
LEVEL 01	2124 SF
LEVEL 02	1328 SF
	3452 SF

GSF - RESTORED (FIREHOUSE)	
LEVEL	AREA
FIREHOUSE LEVEL B1	2164 SF
LEVEL 01	2208 SF
LEVEL 01	2124 SF
LEVEL 02	2191 SF
LEVEL 02	1328 SF
LEVEL 03	2191 SF
	12207 SF

KEY COUNT	
LEVEL 01	5
LEVEL 02	24
LEVEL 03	25
LEVEL 04	25
LEVEL 05	24
LEVEL 06	24
TOTAL: 127	

ESTIMATED SEAT COUNT

FIRST FLOOR	
LOBBY / LOBBY LOUNGE	60
SIDEWALK (EXTERIOR)	48
TOTAL FIRST FLOOR	**108**
SECOND FLOOR	
BAR SEATING	77
OUTDOOR TERRACE	38
FIREHOUSE DINING 1	38
FIREHOUSE DINING 2	30
FIREHOUSE DINING 3	12
TOTAL SECOND FLOOR	**195**

NORTH

LAND DEVELOPMENT PLAN - GUESTROOM LEVEL 02 / FIREHOUSE RESTAURANT

SCALE: 3/32" = 1'-0"

LAND DEVELOPMENT PACKAGE

CONSHOHOCKEN, PA 19428

FLOOR PLAN - LEVEL 02
HOTEL WEST & MAIN: HILTON TAPESTRY
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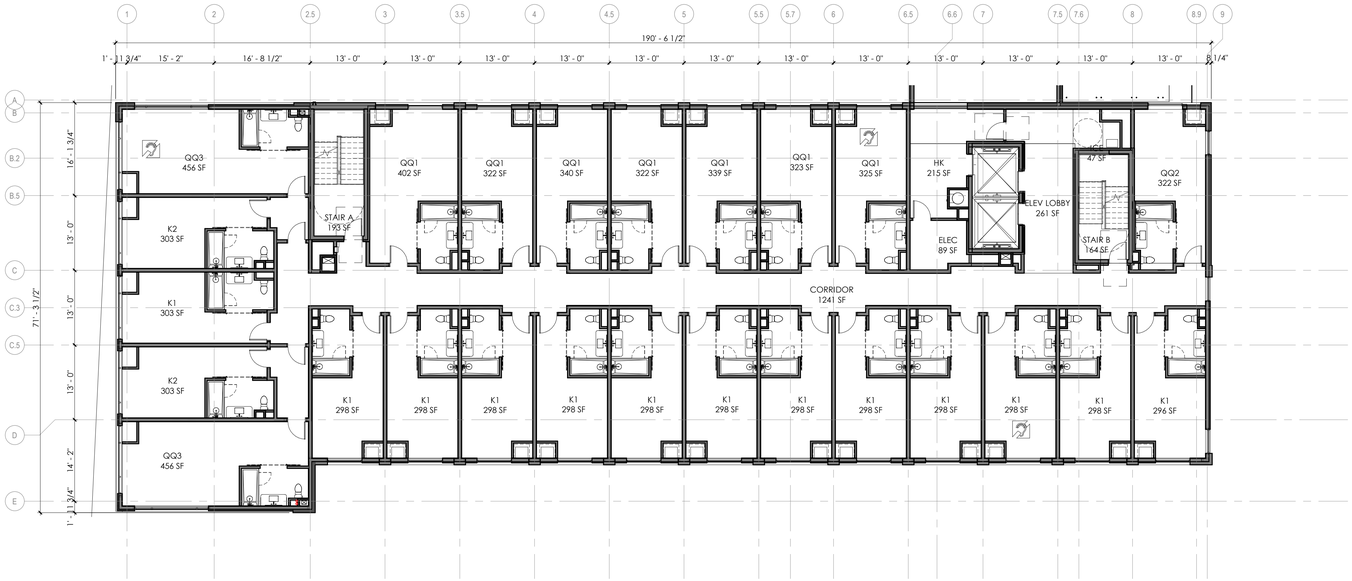
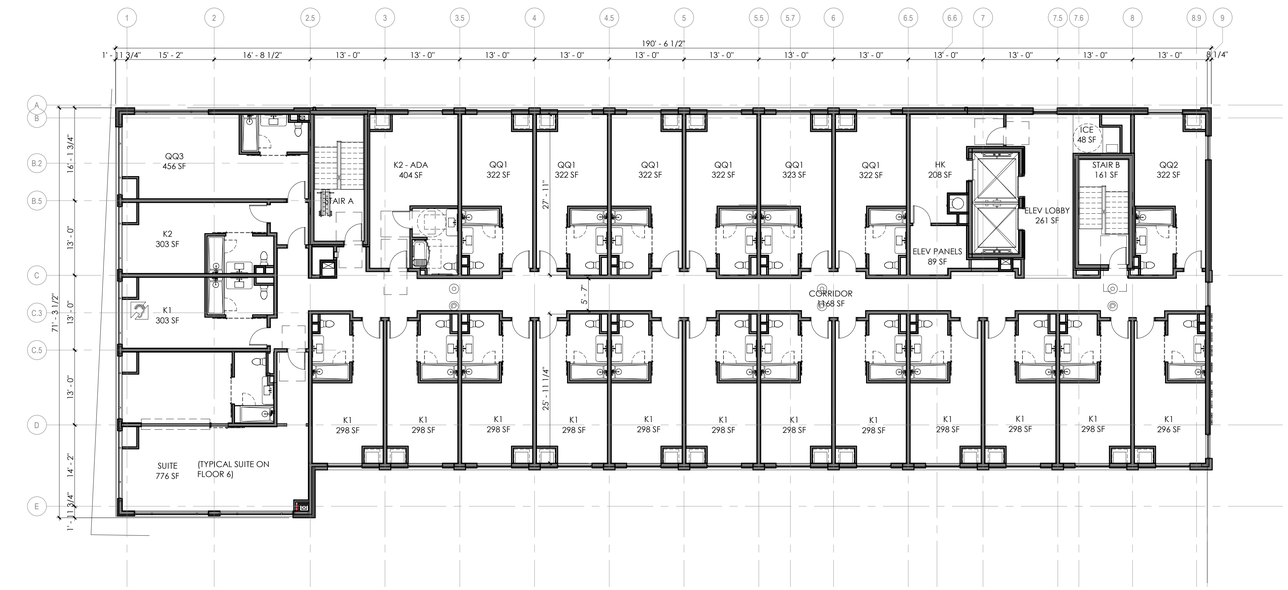


NORTH

LAND DEVELOPMENT PLAN - GUESTROOM LEVELS 03 & 04

SCALE: 3/32" = 1'-0"



NORTH

LAND DEVELOPMENT PLAN - SUITE GUESTROOM LEVELS 05 & 06

SCALE: 3/32" = 1'-0"

GSF - NEW BUILD (HOTEL)	
LEVEL	AREA
LOWER LEVEL LL2	4088 SF
LOWER LEVEL LL1	4945 SF
LEVEL 01	12869 SF
LEVEL 02	11540 SF
LEVEL 03	11643 SF
LEVEL 04	11645 SF
LEVEL 05	11645 SF
LEVEL 06	11645 SF
	80021 SF

GSF - NEW BUILD (LINK BUILDING)	
LEVEL	AREA
LEVEL 01	2124 SF
LEVEL 02	1328 SF
	3452 SF

GSF - RESTORED (FIREHOUSE)	
LEVEL	AREA
FIREHOUSE LEVEL B1	2164 SF
LEVEL 01	2208 SF
LEVEL 01	2124 SF
LEVEL 02	2191 SF
LEVEL 02	1328 SF
LEVEL 03	2191 SF
	12207 SF

KEY COUNT	
LEVEL 01	5
LEVEL 02	24
LEVEL 03	25
LEVEL 04	25
LEVEL 05	24
LEVEL 06	24
TOTAL: 127	

LAND
DEVELOPMENT
PACKAGE

CONSHOHOCKEN, PA 19428

FLOOR PLANS - GUESTROOM FLOORS
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

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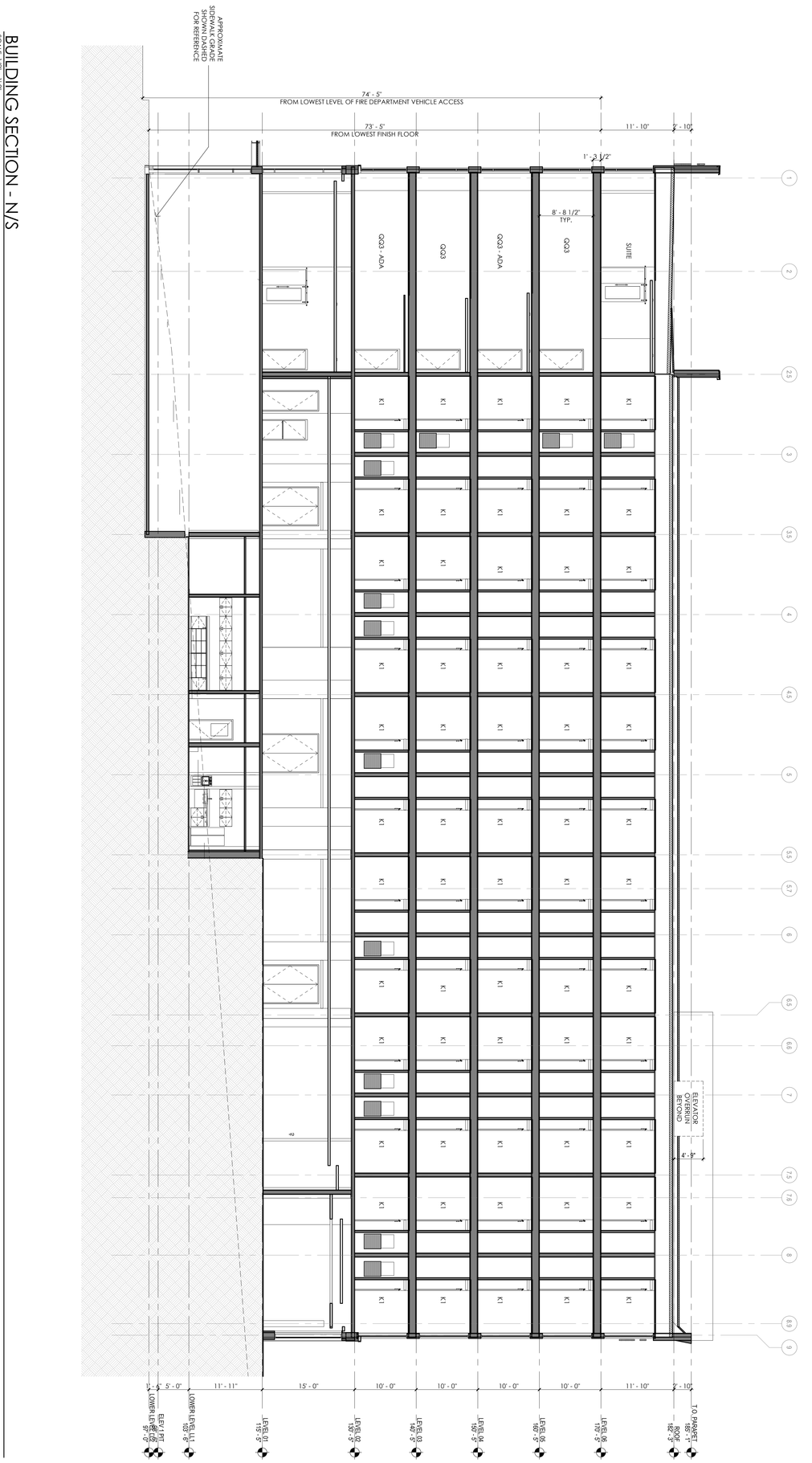
BUILDING SECTION - N/S

SCALE: 1/8" = 1'-0"



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BUILDING SECTION
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

CONSHOHOCKEN, PA 19428

LAND DEVELOPMENT PACKAGE

Luminaire Schedule - Tapestry Conshohocken 10.20.20					
Tag	Symbol	Qty	Label	LLF	Description
EX2		5	Bega 24035	0.850	Wall Mount LED Light @ 31' AFG
EX3		17	Bega 24035	0.850	Wall Mount LED Light @ Multiple Heights from 18' - 31'
EX5		7	Bega 24502	0.850	Wall Mount LED Light @ 10' AFG
EX9		20	Acuity AX3_G4_08LM_30K_80CRI_2	0.850	Recessed LED Light @ 8' AFG
EX4		10	Acuity AX3_G4_15LM_30K_80CRI_2	0.850	Recessed LED Light @ 16' AFG
EX11		4	Erco 34872-023	0.850	LED Flood Mounted Along the Roof Line, Height Varies
EX12		4	Decorative Existing Fixture	0.850	Decorative LED Wall Sconce
EX15		1	Visa OW2480-L35K-H-FT	1.000	LED Mullion Mounted Fixture @ 13' M.H.
EX17		30	Optic Arts KMW-48-40K-VHO-C	0.750	LED Step Lights Mounted in the Bottom of Step Tread

NORTH

HOTEL EXTERIOR LIGHTING PLAN

SCALE: 1/8" = 1'-0"

PARAGON
BUILDING TRUST BY DESIGN

LAND DEVELOPMENT PACKAGE

CONSHOHOCKEN, PA 19428

HOTEL EXTERIOR LIGHTING PLAN
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

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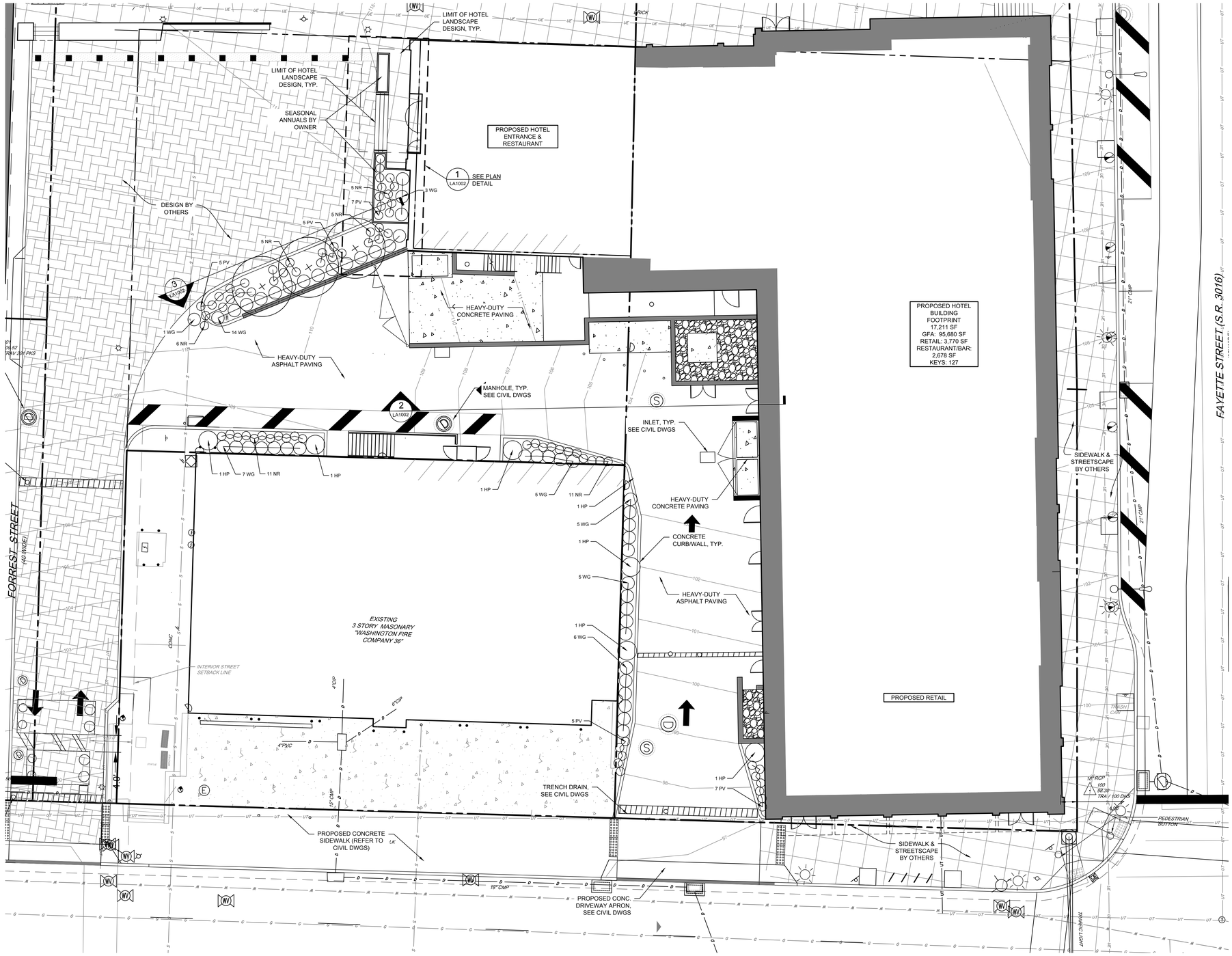


LEGEND

EXISTING

LEGEND
- SANITARY SEWER MANHOLE
- SANITARY SEWER
- STORM SEWER MANHOLE
- STORM SEWER
- STORM SEWER INLET
- OVERHEAD COMMUNICATION LINE
- LIGHT POLE
- UTILITY POLE
- POWER MANHOLE
- ELECTRICAL EQUIPMENT
- WATER PIPE
- WATER VALVE
- MONITORING WELL
- HYDRANT
- GAS VALVE
- TELECOMM MANHOLE
- UNIDENTIFIED MANHOLE
- SIGN
- BOLLARD
- GUARD RAIL
- WALL
- JUNCTION BOX
- HVAC STRUCTURE
- FLAG POLE
- PROPERTY LINE
- RIGHT OF WAY LINE OFFSITE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BUILDING OUTLINE
- EXISTING CURB
- CURB LINE
- EXISTING SIDEWALK

PROPOSED

- PROPOSED UNDERGROUND BASIN
- PROPOSED AREA DRAIN
- PROPOSED INLINE DRAIN
- PROPOSED DRAINAGE MANHOLE
- PROPOSED TRENCH DRAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED VEHICULAR UNIT PAVERS
- PROPOSED PEDESTRIAN UNIT PAVERS
- PROPOSED SIDEWALK STREETSCAPE BY OTHERS
- PROPOSED CONCRETE PAVING
- LANDSCAPE DESIGN BY OTHERS
- PROPOSED LANDSCAPING

0 10' 20'

PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	INITIAL SIZE	ROOT	NOTES
		SHRUBS				
HP	6	*Hydrangea paniculata* 'Limelight'	Panicle Hydrangea 'Limelight'	24" ht. min.	#5 cont.	
WG	46	*Buxus sinica var. insularis* 'Winter Gem'	Boxwood 'Winter Gem'	24" ht. min.	#3 cont.	
		PERENNIALS/GROUNDCOVER				
NR	43	*Nepeta racemosa* 'Walker's Low'	Catmint 'Walker's Low'	12" ht. min.	#3 cont.	
		ORNAMENTAL GRASSES				
PV	29	*Panicum virgatum* 'Cape Breeze'	Switch Grass 'Cape Breeze'	12" ht. min.	#1 cont.	

GENERAL NOTE:

1. CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPLICABLE EROSION CONTROL MEASURES PRIOR TO THE START OF DEMOLITION AND MAINTAINING THE APPLICABLE EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION. SEE SEDIMENT & EROSION CONTROL PLAN AND NOTES FOR MORE INFORMATION.

PLANTING NOTES:

1. EXISTING TOPSOIL ON SITE MAY BE UNSUITABLE FOR REUSE. CONTRACTOR MUST PROVIDE IMPORTED TOPSOIL OR AMEND EXISTING TOPSOIL TO MEET REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. CONTRACTOR MUST SUBMIT SOIL TEST ANALYSIS REPORT, INCLUDING AMENDMENT RECOMMENDATIONS, FOR EITHER IMPORTED TOPSOIL OR AMENDED EXISTING TOPSOIL. TOPSOIL MUST BE AMENDED AND RETESTED PRIOR TO PLANTING OPERATIONS.
2. ALL PLANT LOCATIONS SHALL BE STAKED IN THE FIELD AND LOCATIONS APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
3. HOLES FOR TREES AND SHRUBS SHALL BE DUG IN ACCORDANCE TO THE DIMENSIONS PROVIDED ON THE PLANTING DETAIL, AND BACKFILLED WITH APPROVED SOIL AS OUTLINED IN THE SPECIFICATIONS.
4. TOPSOIL WITH A QUALITY ORGANIC SOIL AMENDMENT SHALL BE USED FOR ALL PLANTING AND SEEDING OPERATIONS. SEE SPECIFICATIONS FOR PLANTING SOIL MIX.
5. NOTIFY ALL UTILITY COMPANIES AND LOCATE ALL EXISTING AND NEW UTILITIES PRIOR TO EXCAVATING PLANT PITS. PLANT LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID INTERFERENCE WITH UNDERGROUND UTILITIES, WITH APPROVAL OF THE LANDSCAPE ARCHITECT.
6. SHOULD ANY DISCREPANCY ARISE BETWEEN THE PLANTING PLAN AND THE PLANTING SCHEDULE, THE PLAN SHALL GOVERN AS TO THE QUANTITY OF PLANT MATERIAL TO BE INSTALLED.
7. ALL PLANT MATERIAL SHALL BE OF NURSERY STOCK QUALITY AS DEFINED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. ALL PLANT MATERIAL TO BE GUARANTEED TO LIVE AT LEAST 18 MONTHS AFTER COMPLETION OF THE PROJECT.
8. ALL PLANT MATERIAL SHALL BE APPROVED UPON ARRIVAL TO THE SITE. NOTIFY THE LANDSCAPE ARCHITECT A MINIMUM OF THREE DAYS PRIOR TO DELIVERY.
9. PROPOSED PLANT MATERIAL MAY BE SUBSTITUTED BY SIMILAR PLANTS, SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
10. MULCH SHALL BE AN AGED, DOUBLE SHREDDED HARDWOOD BARK MULCH OR COMPOSTED LEAF MULCH. MULCH SHALL BE FREE OF WEEDS. GRASS CLIPPINGS ARE NOT ACCEPTABLE. MULCH SHALL BE PLACED EVEN AND LEVEL TO A DEPTH OF 3". NO MULCH SHALL BE PILED AGAINST TRUNKS, STEMS, CROWNS, OR ROOT FLARES AT BASE OF SHRUBS.

DLR Group

COMMONWEALTH OF PENNSYLVANIA REGISTERED LANDSCAPE ARCHITECT CARL ANTHONY STEFFEE ENDORSED 09.03.2020 PENNSYLVANIA

Pennoni

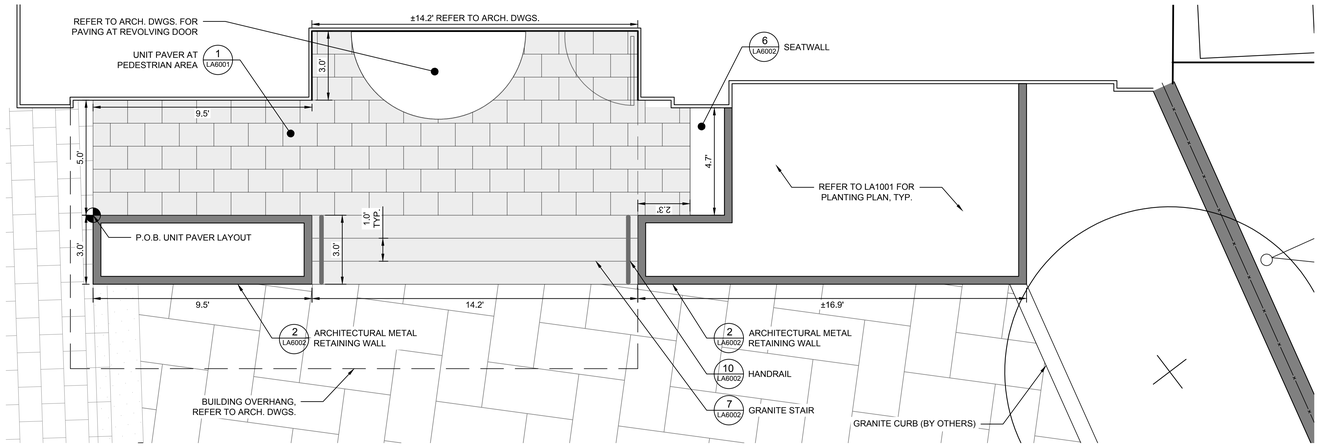
HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP
CONSHOHOCKEN, PA 19428

LAND DEVELOPMENT PACKAGE
09.03.2020
Revisions
10.21.2020 - LD Resub

KEYP1401/DLRGX19001
31-19112-10

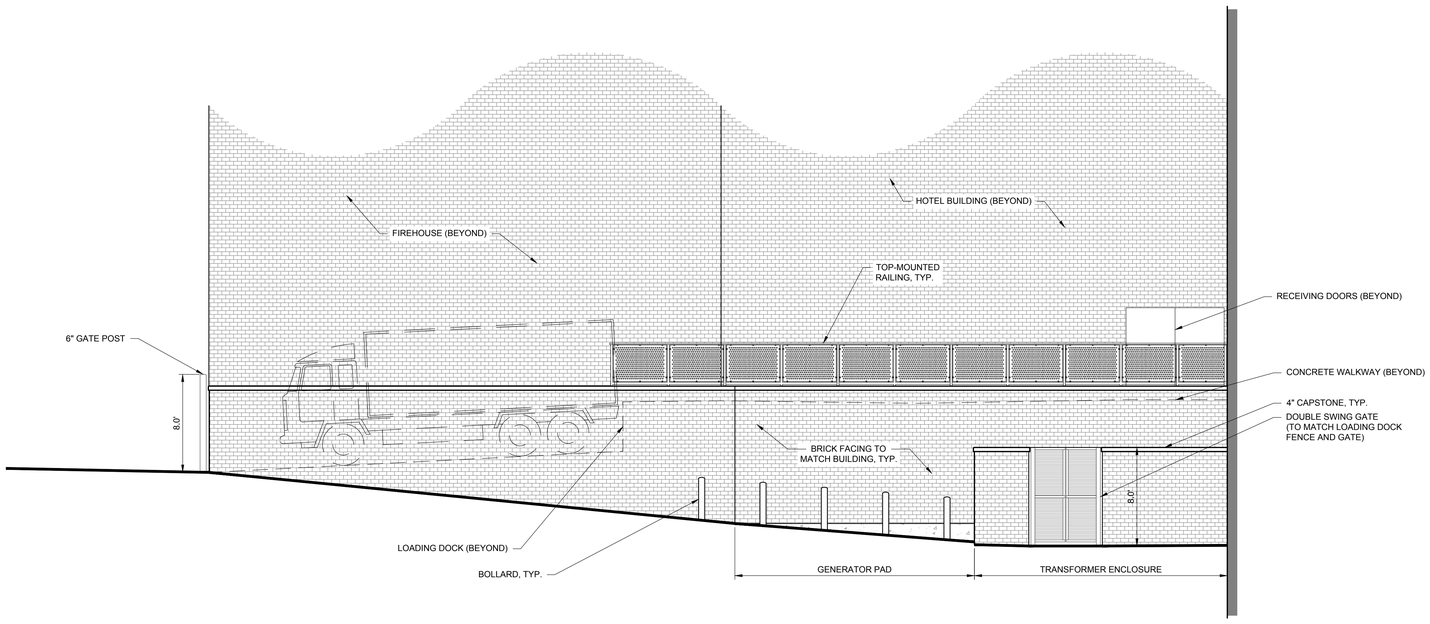
LANDSCAPE AND MATERIALS PLAN

LA1001



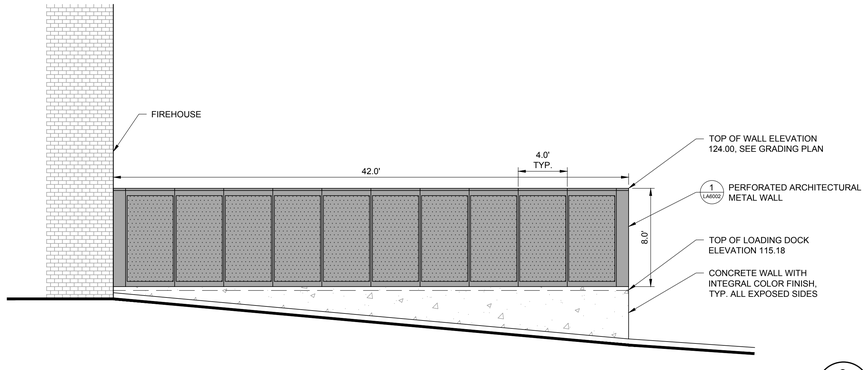
PLAN DETAIL - HOTEL ENTRANCE AT EXISTING FIREHOUSE BUILDING
SCALE: 3/8" = 1'-0"

1 / LA1002



ELEVATION- LOADING DOCK WALL WITH LOADING DOCK BEYOND
SCALE: 1" = 5'-0"

2 / LA1002



ELEVATION- PERFORATED ARCHITECTURAL METAL WALL FACING LOADING DOCK
SCALE: 1" = 5'-0"

3 / LA1002

DLR Group

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL CARL ANTHONY STEBBE ENGINEER PENNSYLVANIA

Pennoni

HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP
CONSHOHOCKEN, PA 19428

LAND DEVELOPMENT PACKAGE
09.03.2020
Revisions
10.21.2020 - LD Resub

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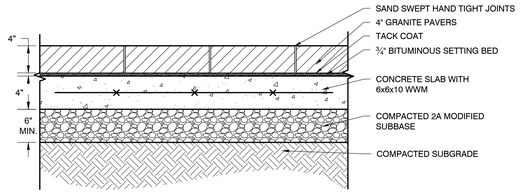
31-19112-10

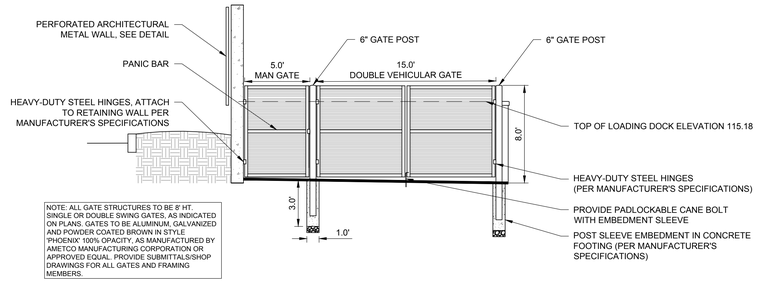
PLAN DETAIL AND ELEVATIONS

LA1002



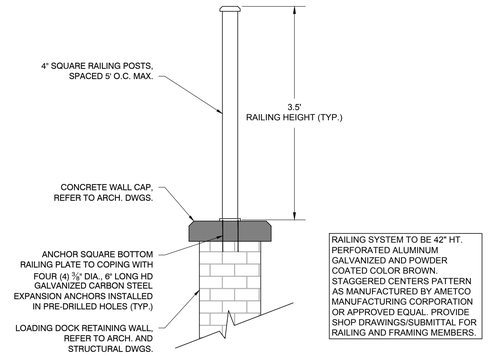
DETAIL- UNIT PAVING AT PEDESTRIAN AREAS
N.T.S.

1
LA6001



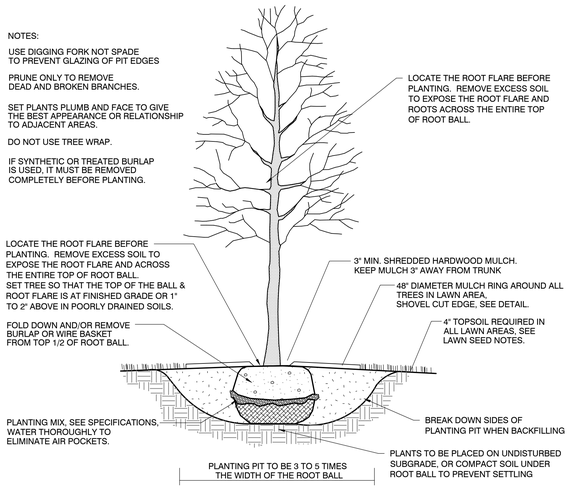
DETAIL - LOUVER SWING GATES
N.T.S.

2
LA6001



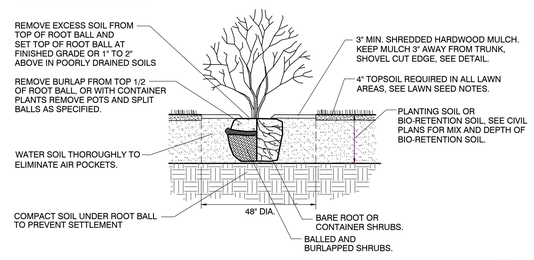
DETAIL - TOP-MOUNTED RAILING AT LOADING DOCK RETAINING WALL
N.T.S.

3
LA6001



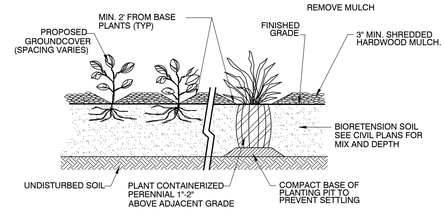
DETAIL- DECIDUOUS TREE PLANTING
N.T.S.

4
LA6001



DETAIL- SHRUB PLANTING
N.T.S.

5
LA6001



DETAIL- GROUNDCOVER / PERENNIAL PLANTING
N.T.S.

6
LA6001

DLR Group

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
CARL ANTHONY STIEBRE
ENGINEER
Carl A. Stiebre

Pennoni

HOTEL WEST & MAIN: HILTON TAPESTRY

CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP

CONSHOHOCKEN, PA 19428

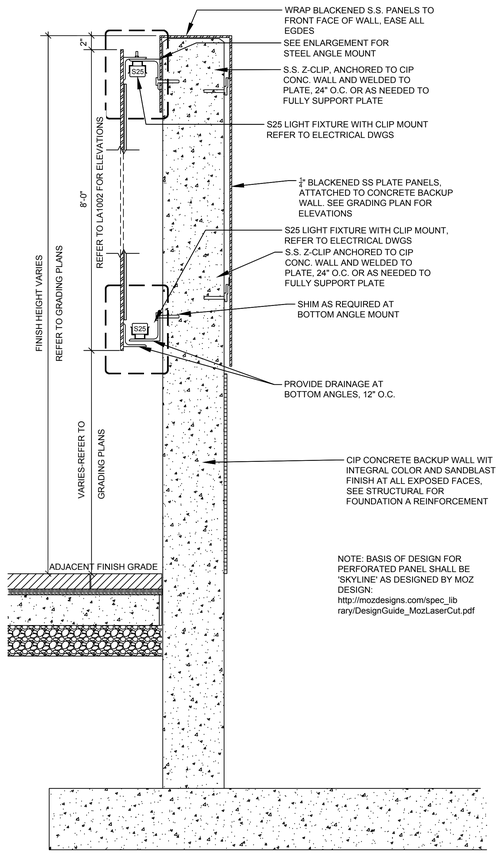
LAND
DEVELOPMENT
PACKAGE
09.03.2020
Revisions
10.21.2020 - LD Resub

KEYP1401/DLRGX19001
31-19112-10

SITE DETAILS

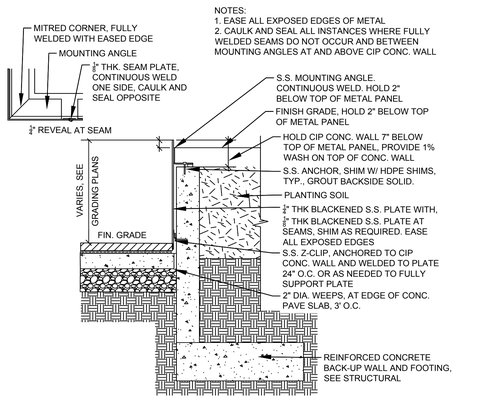
LA6001

U:\Autowork\ZRGX\DGX19001 - SDRA West Hotel\DESIGN_SHEETS\LA6001.dwg PLOTTED: 10/21/2020 4:51 PM, BY: Sara D. Smith PLOTSTYLE: Pennoni 9CS.stb PROJECT STATUS: —

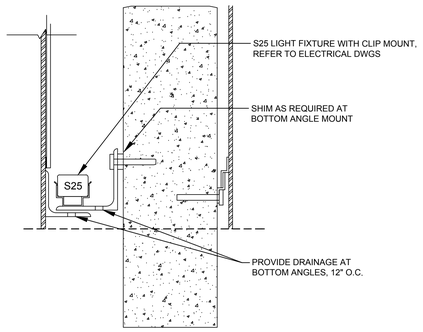


NOTE: BASIS OF DESIGN FOR PERFORATED PANEL SHALL BE 'SKYLINE' AS DESIGNED BY MOZ DESIGN: http://mozdesigns.com/spec_library/DesignGuide_MozLaserCut.pdf

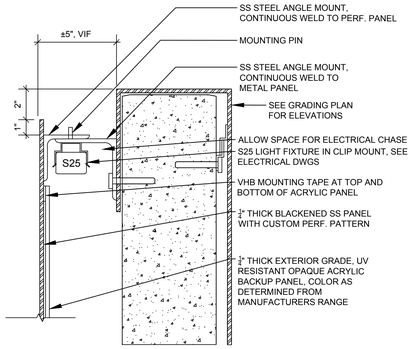
DETAIL- PERFORATED ARCHITECTURAL METAL WALL
N.T.S. 1 LA6002



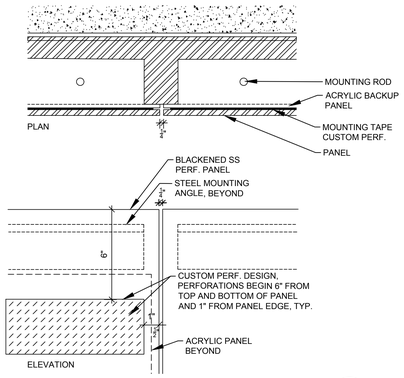
DETAIL- ARCHITECTURAL METAL RETAINING WALL
N.T.S. 2 LA6002



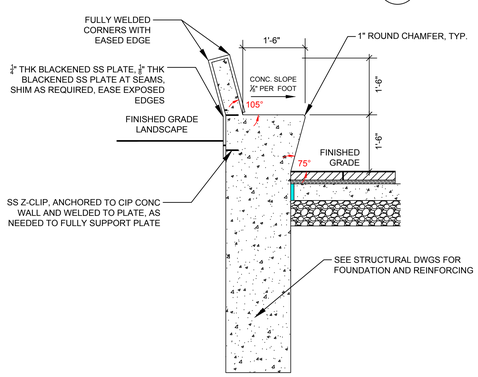
DETAIL- WALL MOUNTING ENLARGEMENT, BOTTOM
N.T.S. 3 LA6002



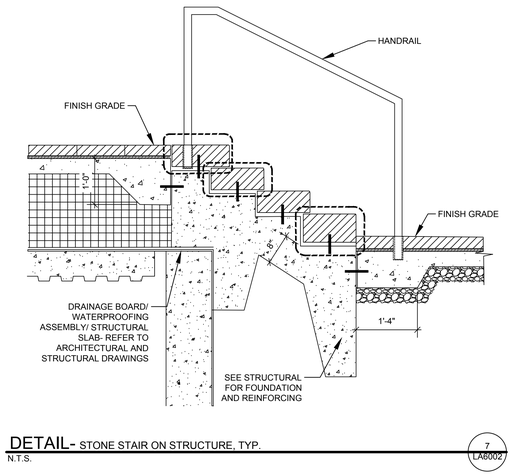
DETAIL- PERFORATED ARCHITECTURAL METAL WALL MOUNTING ENLARGEMENT, TOP
N.T.S. 4 LA6002



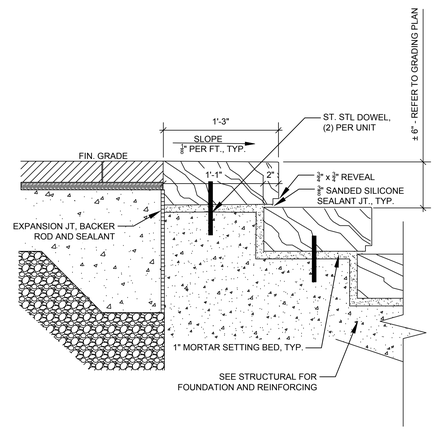
DETAIL- WALL MOUNTING ENLARGEMENT, TOP
N.T.S. 5 LA6002



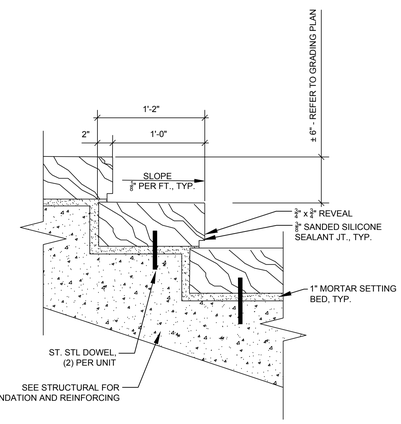
DETAIL- WALL-A2 - C.I.P CONCRETE SEATWALL
N.T.S. 6 LA6002



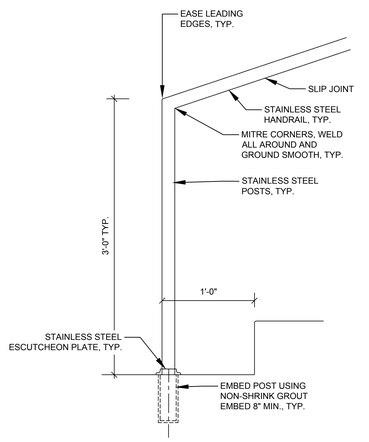
DETAIL- STONE STAIR ON STRUCTURE, TYP.
N.T.S. 7 LA6002

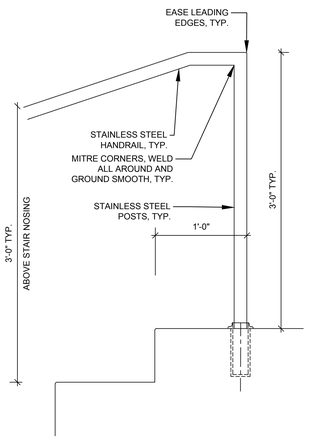


DETAIL- STONE STAIR: TOP
N.T.S. 8 LA6002

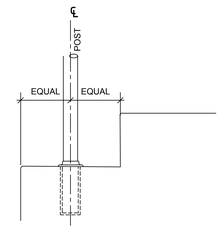


DETAIL- STONE STAIR: STEP
N.T.S. 9 LA6002





NOTE:
1. HANDRAILS AND POSTS TO BE 1-½" SCHEDULE 40 (1.66" O.D.) STAINLESS STEEL. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. POST SPACING TO BE 4'-0" MIN. AND 5'-0" MAX.
3. POSTS SHALL BE INSET 4" O.C. FROM EDGE OF PAVING SLAB.



DETAIL- HANDRAIL, TYP.
N.T.S. 10 LA6002

DLR Group

HOTEL WEST & MAIN: HILTON TAPESTRY
CONCORD HOSPITALITY & KEYSTONE PROPERTY GROUP
CONSHOHOCKEN, PA 19428

LAND DEVELOPMENT PACKAGE
09.03.2020
Revisions
10.21.2020 - LD Resub

KEYP1401/DLRGX19001
31-19112-10

SITE DETAILS

LA6002

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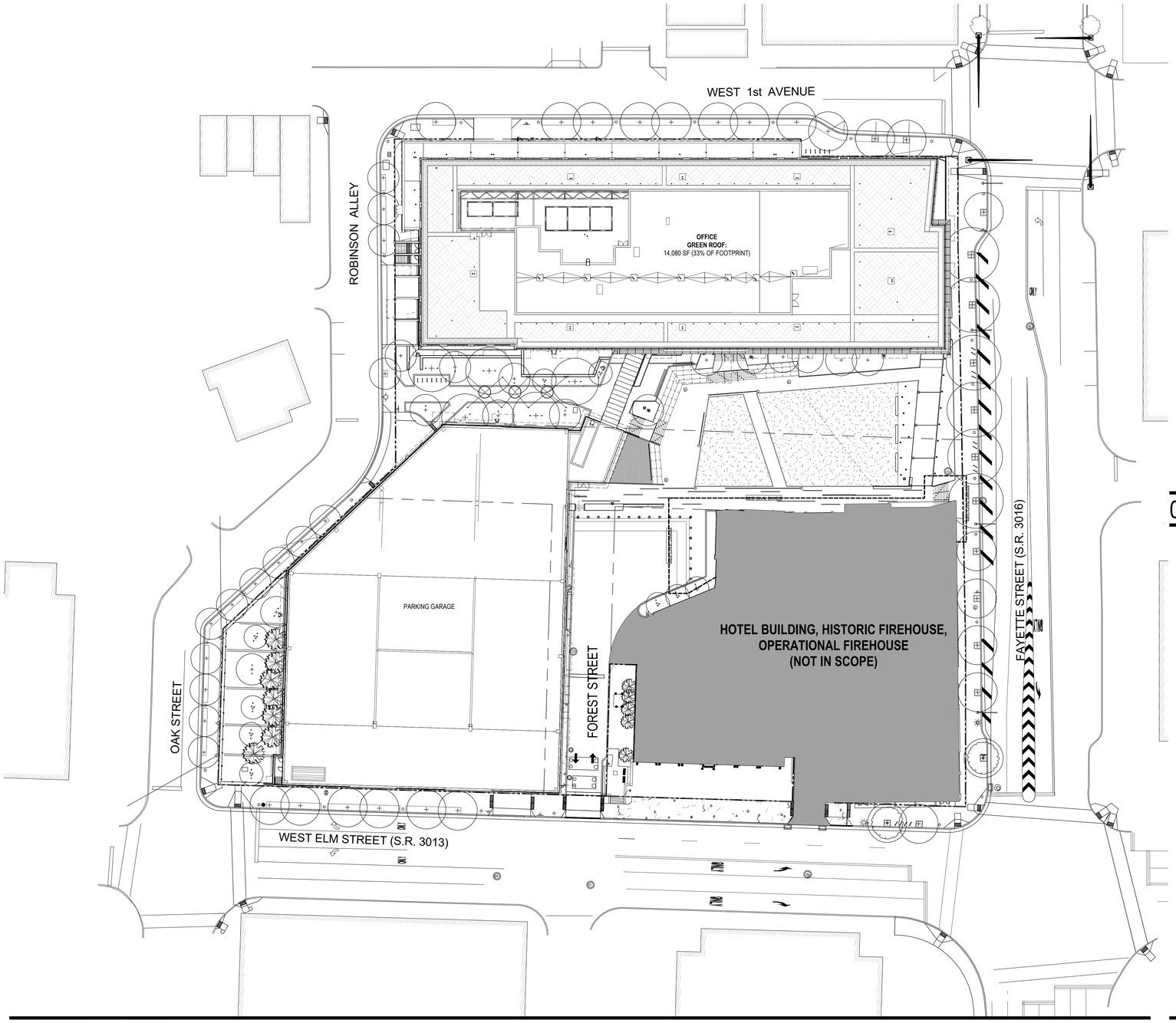
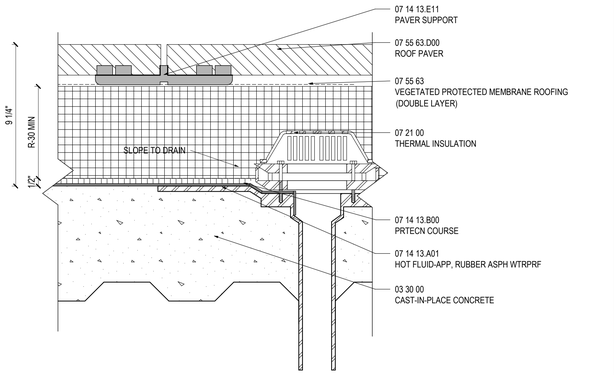
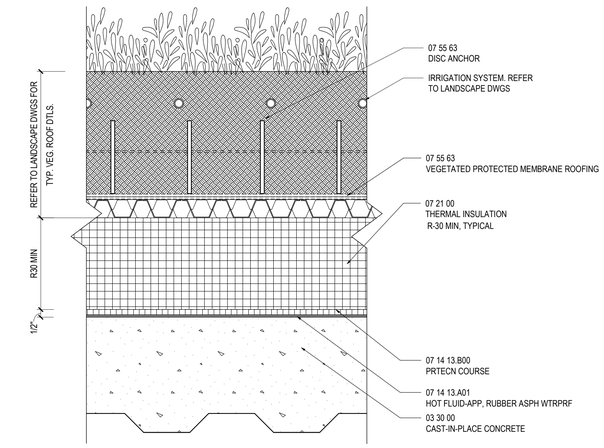


03 SITE PLAN - ROOF
SCALE: 1" = 30'-0"



01 SECTION - ROOF @ TYPICAL PAVER SYSTEM
SCALE: 3" = 1'-0"



02 SECTION - ROOF @ TYPICAL PLANTED SYSTEM
SCALE: 3" = 1'-0"

KEYSTONE - SORA WEST
Conshohocken, PA 19428

KEYSTONE PROPERTY GROUP

Gensler

2020 K Street NW
Suite 200
Washington, DC 20006
United States
Tel 202.721.5200
Fax 202.872.8587

Pennoni
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Philadelphia, PA 19103
Tel 215-222-3000
Fax 215-222-3588

Ground Reconsidered
230 South Broad Street
Suite 604
Philadelphia, PA 29102
Tel 215-790-0727

The Harman Group
900 West Valley Forge Road
Suite 200
King of Prussia, PA 19406
Tel 610-337-3360

BALA
443 South Gulph Road
King of Prussia, PA 19406
Tel 610-649-8000
Fax 610-649-8475

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428 West Waverly Road
Glenside, PA 19038
Tel 215.508.0900

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12040 South lakes Drive
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Reston, VA 20191
Tel 703.506.0005

Lerch Bates
100 West Main Street
Suite 415
Lansdale, PA 19446
Tel 215-987-3714

Jensen Hughes
3610 Commerce Drive
Suite 817
Baltimore, MD 21227
Tel 410.737.8677

△	Date	Description
1	08/16/2018	LAND DEVELOPMENT RESUBMISSION
3	09/21/2018	LAND DEVELOPMENT RESUBMISSION
4	10/26/2018	LAND DEVELOPMENT RESUBMISSION
8	11/29/2018	LAND DEVELOPMENT RESUBMISSION
18	04/05/2019	LAND DEVELOPMENT RESUBMISSION
23	05/10/2019	PER BOROUGH COMMENTS
40	10/21/2020	REVISED LAND DEVELOPMENT SUBMISSION

Seal / Signature

Project Name
Keystone Property Group - SORA WEST

Project Number
09.7818.000

Description
ROOF PLAN & TYP DETAILS

Scale
As indicated

A.LD.2

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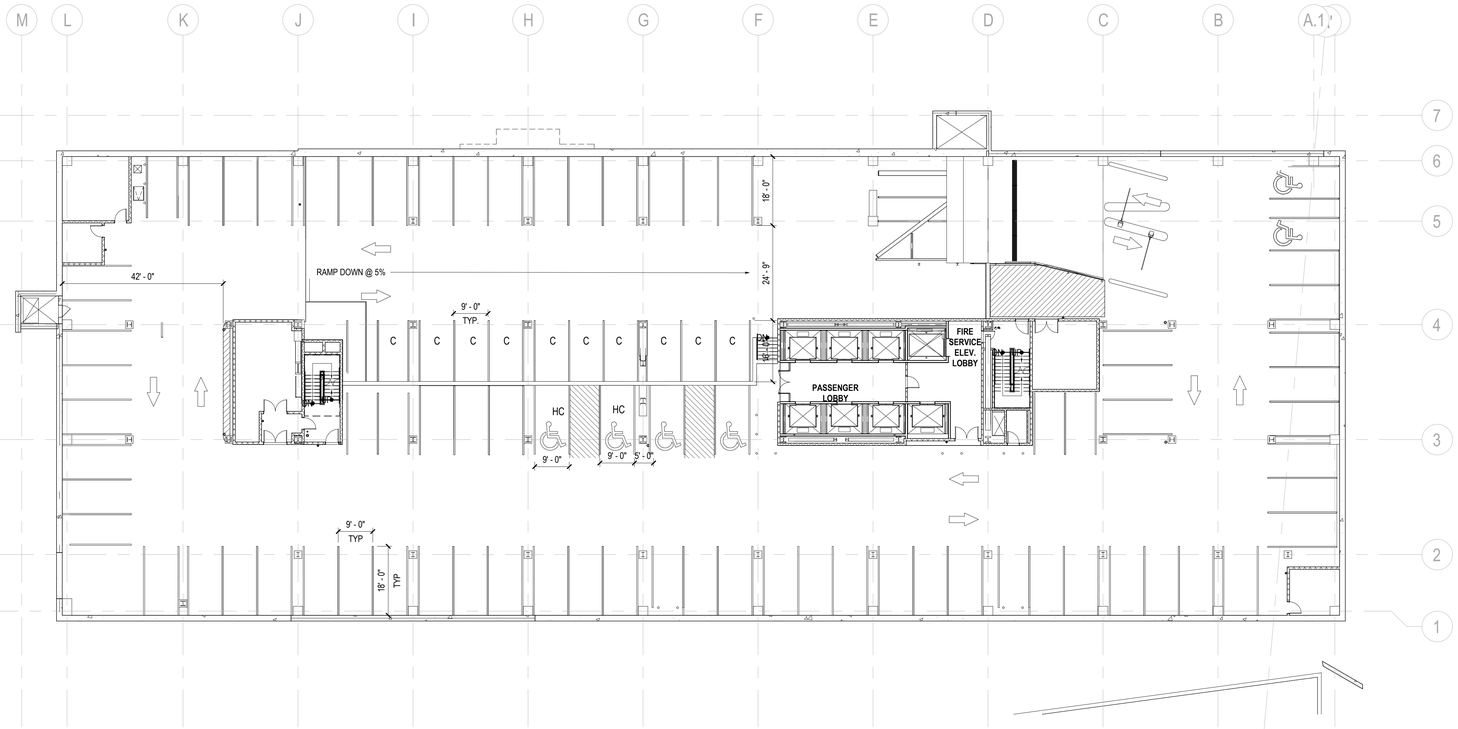
10/21/2020 2:29:53 PM



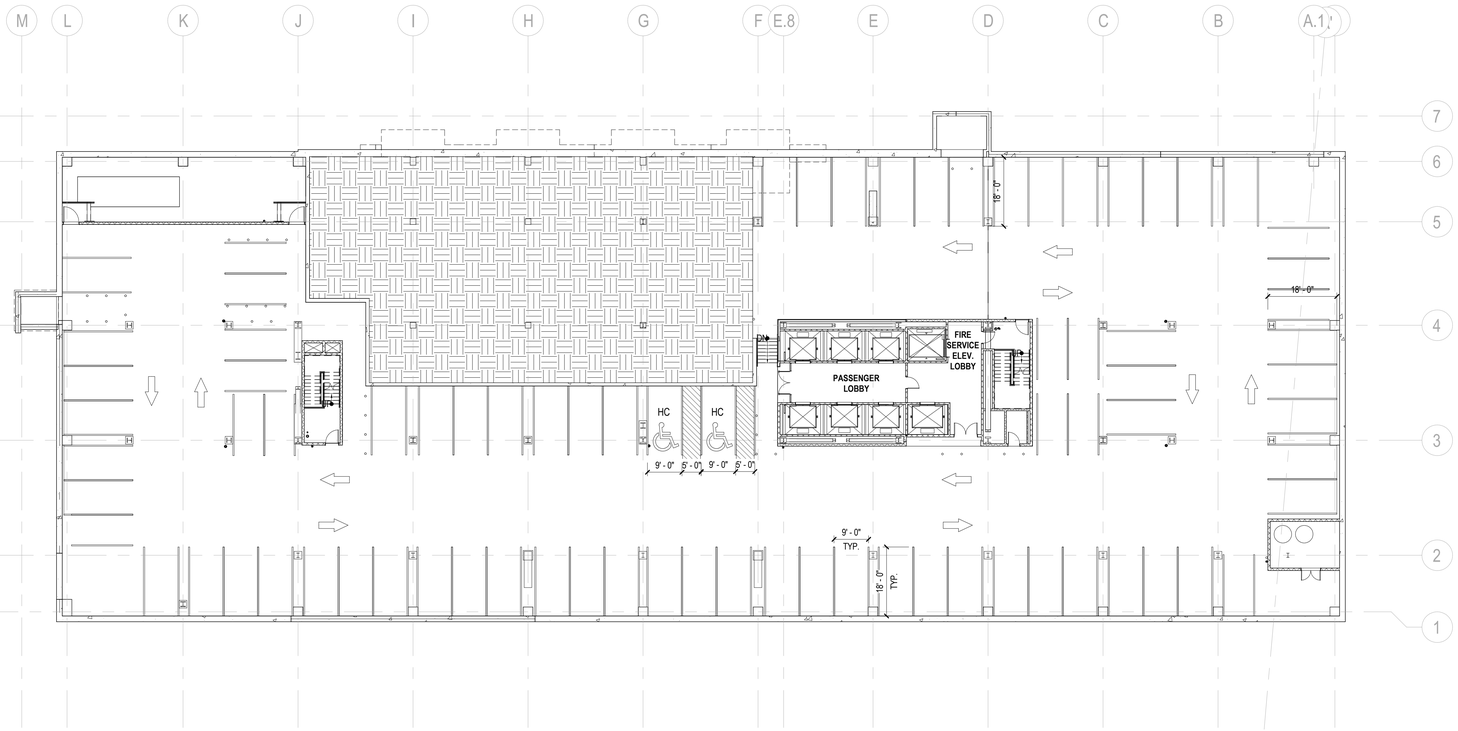
01 OFFICE PARKING PLAN - LL1
SCALE: 1/16" = 1'-0"

PARKING BELOW OFFICE:

LOWER LEVEL 01 = 88
LOWER LEVEL 02 = 79

TOTAL BELOW OFFICE = 167 SPACES

NOTE: REFER TO PARKING GARAGE PLANS FOR ADDITIONAL SITE PARKING INFORMATION.



02 OFFICE PARKING PLAN - LL2
SCALE: 1/16" = 1'-0"

10/21/2020 10:28:32 AM

KEYSTONE - SORA WEST

Conshohocken, PA 19428

KEYSTONE PROPERTY GROUP

Gensler

2020 K Street NW
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Washington, DC 20006
United States
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Pennoni
1900 Market Street
Suite 300
Philadelphia, PA 19103
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Tel 215-987-3714

Jensen Hughes
3610 Commerce Drive
Suite 817
Baltimore, MD 21227
Tel 410.737.8677

△	Date	Description
1	08/16/2018	LAND DEVELOPMENT RESUBMISSION
3	09/21/2018	LAND DEVELOPMENT RESUBMISSION
4	10/26/2018	LAND DEVELOPMENT RESUBMISSION
8	11/29/2018	LAND DEVELOPMENT RESUBMISSION
18	04/05/2019	LAND DEVELOPMENT RESUBMISSION
40	10/21/2020	REVISED LAND DEVELOPMENT SUBMISSION

Seal / Signature

Project Name
Keystone Property Group - SORA WEST

Project Number
09.7818.000

Description
PARKING PLANS - OFFICE

Scale
1/16" = 1'-0"

A.LD.3

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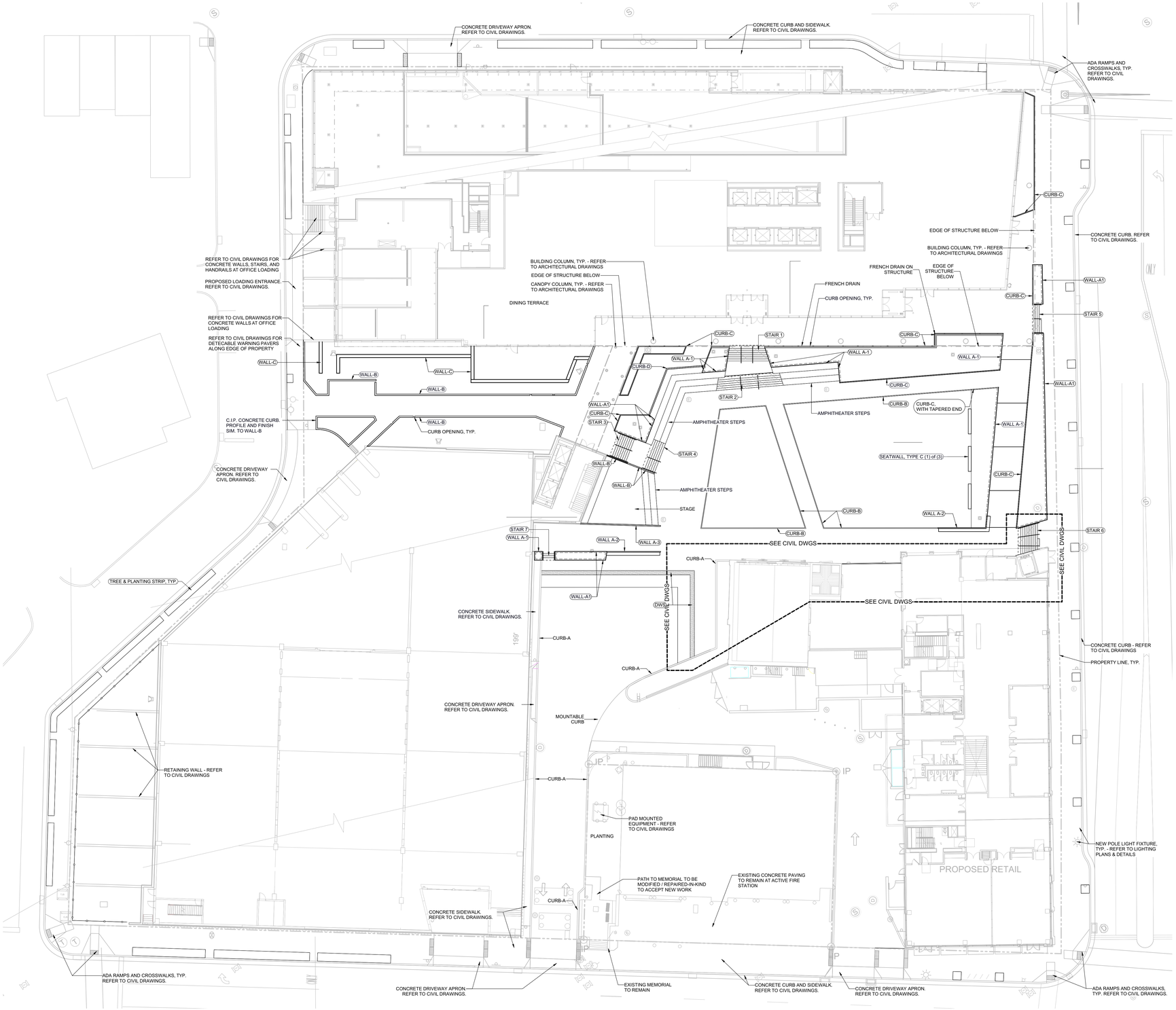


0 20 40FT

MATERIAL SCHEDULE

KEY	ITEM
STAIRS + CURBS + WALLS	
STAIR 1 - 7	ARCHITECTURAL STONE STAIR
CURB-A	RAISED ARCHITECTURAL STONE CURB, 8" WIDTH
CURB-B	FLUSH ARCHITECTURAL STONE CURB
CURB-C	RAISED ARCHITECTURAL STONE CURB
CURB-D	CONCRETE CURB AT AMPHITHEATER STEP
WALL A-1	ARCHITECTURAL METAL RETAINING WALL / CHEEKWALL
WALL A-2	ARCHITECTURAL METAL WALL PANELS ON C.I.P. CONCRETE WALL
WALL A-3	PERFORATED ARCHITECTURAL METAL WALL
WALL-B	C.I.P. CONCRETE WALL, WITH INTEGRAL COLOR AND SANDBLAST FINISH AT ALL EXPOSED FACES
WALL-C	ARCHITECTURAL GABION WALL
DWS	DETECTABLE WARNING STRIP

NOTES:

1. REFER TO LIGHTING PLANS AND DETAILS FOR LIGHTING AT PLAZA AND STREETSCAPE. FIXTURES SHOWN FOR COORDINAITON ONLY.

CLIENT / OWNER

KEYSTONE PROPERTY GROUP

ONE PRESIDENTIAL BLVD., SUITE 300
BALA CYNWYD, PA 19004

ISSUE / REVISIONS

ISSUE	DATE	DESCRIPTION
01	7.2.18	PRELIMINARY/FINAL LAND DEVELOPMENT
02	8.16.18	LAND DEVELOPMENT RESUBMISSION
03	9.21.18	LAND DEVELOPMENT RESUBMISSION
04	10.26.18	PER BOROUGH COMMENTS
05	11.29.18	PER BOROUGH COMMENTS
06	03.21.19	PER BOROUGH COMMENTS
07	04.05.19	AMENDED LAND DEVELOPMENT APPLICATION
08	05.10.19	AMENDED LAND DEVELOPMENT APPLICATION
09	06.21.19	AMENDED LAND DEVELOPMENT APPLICATION
10	07.18.19	AMENDED LAND DEVELOPMENT APPLICATION
11	07.26.19	LAND DEVELOPMENT RESUBMISSION
12	10.21.20	REVISED LAND DEVELOPMENT RESUBMISSION

Landscape Architect:
Ground Reconsidered, Inc
230 South Broad Street, Suite 604
Philadelphia, PA 19102
215.790.0727 / www.groundreconsidered.com

SEAL

PROJECT TITLE

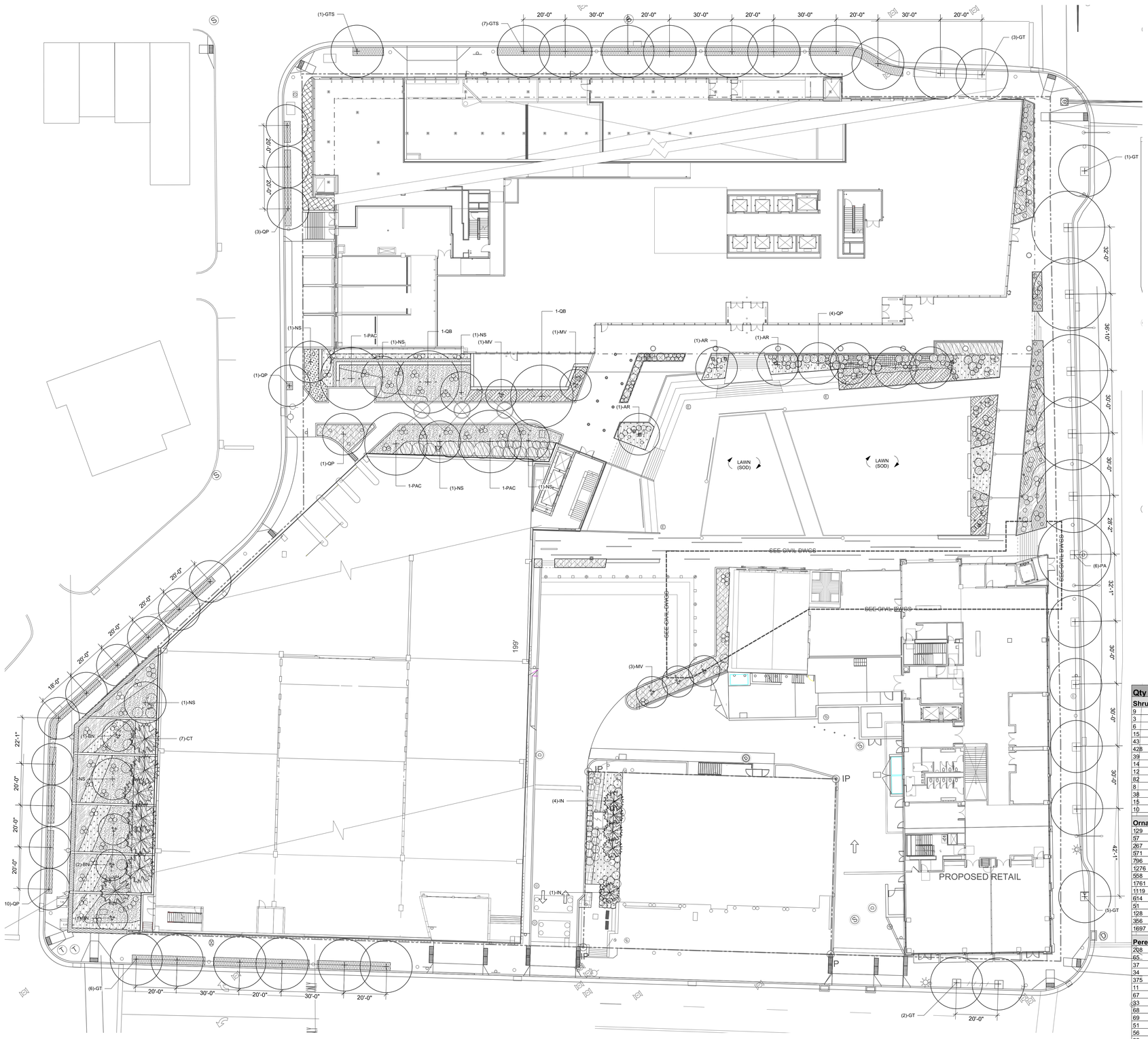
SORA WEST

DRAWING TITLE

SITE MATERIALS PLAN

PROJECT NO.	DRAWING NO.
1815.00	L100
DATE: 10.21.20	
SCALE: 1" = 20'	
DRAWN BY: NW	
CHECKED BY: KL	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



PLANTING NOTES:

1. ALL PLANTING MATERIAL SHALL BE GUARANTEED BY THE DEVELOPER FOR A MINIMUM OF TWO GROWING SEASONS. REFER TO SPECIFICATION SECTIONS BELOW FOR ADDITIONAL REQUIREMENTS:

329100 - PLANTING PREPARATION

329200 - TURF AND GRASSES

329300 - PLANTS

2. ALL TREES AND ORNAMENTAL GRASSES/PERENNIAL PLUGS TO RECEIVE 2" DEPTH, TRIPLE-GROUND HARDWOOD BARK MULCH

3. LANDSCAPE ARCHITECT TO APPROVE PLANTING LAYOUT PRIOR TO INSTALLATION.

TREE REPLACEMENT CALCULATION	
TREES TO BE REMOVED > 6" CALIPER	46
TREES REPLACEMENT (CANOPY, 3.5" CAL.)	46

REPLACEMENT TREE CALCULATIONS PER SECTION 22-420, ITEM 2 OF THE SUBDIVISION AND LAND DEVELOPMENT CODE.

Qty	Id	*Botanical Name*	Common Name	Size	Spacing	Notes
Canopy Trees						
3	AR	*Acer rubrum 'October Glory'*	October Glory Red Maple	3.5" cal.	As Shown	Specimen Quality, B&B
17	GT	*Gleditsia triacanthos inermis 'Skyline'*	Skyline Honeylocust	3.5" cal.	As Shown	Replacement Tree, Specimen Quality, B&B
8	GTS	*Gleditsia triacanthos inermis 'Skyline'*	Skyline Honeylocust	3.5" cal.	As Shown	Specimen Quality, B&B
7	NS	*Nyssa sylvatica*	Blackgum	2.5" cal.	As Shown	Specimen Quality, B&B
6	PA	*Platanus x acerifolia 'Bloodgood'*	Bloodgood London Plane Tree	3.5" cal.	As Shown	Replacement Tree, Specimen Quality, B&B
3	PAC	*Platanus x acerifolia 'Columbia'*	London Planetree	3.5" cal.	As Shown	Specimen Quality, B&B
2	QB	*Quercus bicolor*	Swamp White Oak	3.5" cal.	As Shown	Specimen Quality, B&B
19	QP	*Quercus phellos*	Willow Oak	3.5" cal.	As Shown	Replacement Tree, Specimen Quality, B&B
Evergreen Trees						
7	CT	*Chamaecyparis thyoides*	Atlantic Cedar	8'-10' ht.	As Shown	Specimen Quality, B&B
5	IN	*Ilex x 'Nellie R. Stevens'*	Nellie R. Stevens Holly	10'-12' ht.	As Shown	Specimen Quality, B&B
Ornamental Trees						
4	BN	*Betula nigra*	River Birch Multi	8' - 10' ht.	As Shown	Specimen Quality, B&B, Multistem
5	MV	*Magnolia virginiana 'Henry Hicks'*	Henry Hicks Sweet Bay Magnolia	8' - 10' ht.	As Shown	Specimen Quality, B&B, Multistem

Qty	Id	*Botanical Name*	Common Name	Size	Spacing
Shrubs					
9	Am	*Aronia melanocarpa 'Morton'*	Iroquois Beauty Black Chokeberry	#5	As Shown
3	Ap	*Aesculus parviflora*	Bottlebrush Buckeye	#7	As Shown
6	Ca	*Clethra alnifolia*	Summersweet	#5	As Shown
15	Car	*Clethra alnifolia 'Ruby Spice'*	Ruby Spice Summersweet	#5	As Shown
43	Cs	*Cornus sericea 'Arctic Fire'*	Arctic Fire Dogwood	#5	As Shown
428	HypCalB	*Hypericum calycinum 'Brigadoon'*	St. John's Wort 'Brigadoon'	#1	As Shown
39	Ig	*Ilex glabra 'Shamrock'*	Compact Inkberry Holly	#5	As Shown
14	Is	*Itea virginica 'Sprich'*	Little Henry Dwarf Virginia Sweetspire	#5	As Shown
12	Ivj	*Ilex verticillata 'Jim Dandy'*	Jim Dandy Winterberry	#5	As Shown
82	Ivr	*Ilex verticillata 'Red Sprite'*	Red Sprite Winterberry	#5	As Shown
8	Lb	*Lindera benzoin*	Spicebush	#7	As Shown
38	Pl	*Prunus laurocerasus 'Otto Luyken'*	Otto Luyken English Laurel	#5	As Shown
15	Po	*Physocarpus opulifolius 'Seward' SUMMER*	Seward Ninebark	#5	As Shown
10	Sa	*Sambucus canadensis*	Elderberry	#5	As Shown
Ornamental Grasses					
129	bou gra	*Bouteloua gracilis 'Blonde Ambition'*	Blue Gamma	#1	18" o.c.
57	car che	*Carex cherokeensis*	Cherokee Sedge	#1	12" o.c.
267	car mus	*Carex muskingumensis*	Palm Sedge	#1	12" o.c.
571	car pen	*Carex pensylvanica*	Pennsylvania Sedge	#1	12" o.c.
796	car str	*Carex stricta*	Tussock Sedge	#1	12" o.c.
1276	car vul	*Carex vulpinoidea*	Fox Sedge	#1	12" o.c.
558	cha lat	*Chasmanthium latifolium*	Northern Sea Oats	#1	24"o.c.
1761	des ces	*Deschampsia cespitosa 'Goldtau'*	Golden Dew Tufted Hair Grass	#1	12" o.c.
1119	era spe	*Eragrostis spectabilis*	Purple Love Grass	#1	12" o.c
614	jun eff	*Juncus effusus*	Soft rush	#1	18" o.c.
51	pan vir S	*Panicum virgatum 'Shenandoah'*	Shenandoah Switch Grass	#2	24" o.c.
128	sch sco	*Schizachyrium scoparium*	Little Bluestem	#1	18" o.c.
356	ses aut	*Sesleria autumnalis*	Autumn Moor Grass	#1	12" o.c.
1697	spo het	*Sporobolus heterolepis*	Prairie Dropseed	#1	12" o.c.
Perennials & Ferns					
208	ach moo	*Achillea 'Moonshine'*	Yarrow	#1	12" o.c.
65	aga bla	*Agastache 'Black Adder'*	Black Adder Anise Hyssop	#1	12" o.c.
37	ams hub	*Amsonia hubrichtii*	Arkansas Bluestar	#1	24" o.c.
34	ams tab	*Amsonia tabernaemontana 'Blue Ice'*	Eastern Bluestar	#1	18" o.c.
375	asc inc	*Asclepias incarnata*	Swamp Milkweed	#1	18" o.c.
11	bap pur	*Baptisia 'Purple Smoke'*	Purple Smoke False Indigo	#1	As Shown
67	cal inv	*Callirhoe involucrata*	Winecups	#1	18" o.c.
33	ech pic	*Echinacea purpurea 'Pica Bella'*	Pica Bella Purple Coneflower	#1	18" o.c.
68	ech pix	*Echinacea 'Pixie Meadowbrite'*	Pixie Meadowbrite Coneflower	#1	18" o.c.
69	eup coe	*Eupatorium coelestinum*	Mistflower	#1	As Shown
51	eup dub	*Eupatorium dubium 'Little Joe'*	Little Joe Pye Weed	#1	As Shown
56	eup hys	*Eupatorium hyssopifolium*	Hyssop Leaved Boneset	#1	12" o.c.
22	eup yuc	*Eryngium yuccifolium*	Rattlesnake Master	#1	18" o.c.
372	iri ver	*Iris versicolor*	Harlequin Blueflag	#1	18" o.c.
226	nep fas	*Nepeta x faassenii 'Novanepjun'*	Junior Walker Catmint	#1	18" o.c.
123	osm reg	*Osmunda regalis*	Royal Fern	#1	18" o.c.
123	osu cin	*Osumunda cinnamomeum*	Cinnamon Fern	#1	18" o.c.
77	pac obo	*Packera obovata*	Ragwort	#1	12" o.c.
77	pen dig	*Penstemon digitalis 'Husker Red'*	Husker Red Penstemon	#1	18" o.c.
40	rub cal	*Rubus calycinoides*	Creeping Raspberry	#1	18" o.c.
133	rud vfu	*Rudbeckia fulgida var. fulgida*	Orange Coneflower	#1	18" o.c.
100	sal may	*Salvia nemorosa 'May Night'*	May Night Garden Sage	#1	18" o.c.
15	sol rug	*Solidago rugosa 'Fireworks'*	Fireworks Goldenrod	#1	18" o.c.
9	sol sph	*Solidago sphacelata 'Golden Fleece'*	Golden Fleece Goldenrod	#1	18" o.c.
22	sym eri	*Symphyotrichum ericoides 'Snow Flurry'*	Heath Aster	#1	12" o.c.
9	the car	*Thermopsis carolinina*	Carolina Lupine	#1	As Shown
21	thy ser	*Thymus serpyllum*	Creeping Thyme	#1	18" o.c.
94	tra vir	*Tradescantia virginiana*	Spiderwort	#1	18" o.c.
Bulbs					
344	all cer	*Allium cernuum*	Nodding Onion	Top size	12" o.c.
56	all sch	*Allium schoenoprasum*	Chives	Top size	12" o.c.

0 20 40FT

CLIENT / OWNER

KEYSTONE PROPERTY GROUP

ONE PRESIDENTIAL BLVD., SUITE 300
BALA CYNWYD, PA 19004

ISSUE / REVISIONS

ISSUE	DATE	DESCRIPTION
01	7.2.18	PRELIMINARY/FINAL LAND DEVELOPMENT
02	8.16.18	LAND DEVELOPMENT RESUBMISSION
03	9.21.18	LAND DEVELOPMENT RESUBMISSION
04	10.26.18	PER BOROUGH COMMENTS
05	11.29.18	PER BOROUGH COMMENTS
06	03.21.19	PER BOROUGH COMMENTS
07	04.05.19	AMENDED LAND DEVELOPMENT APPLICATION
08	05.10.19	AMENDED LAND DEVELOPMENT APPLICATION
09	06.21.19	AMENDED LAND DEVELOPMENT APPLICATION
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SEAL

PROJECT TITLE

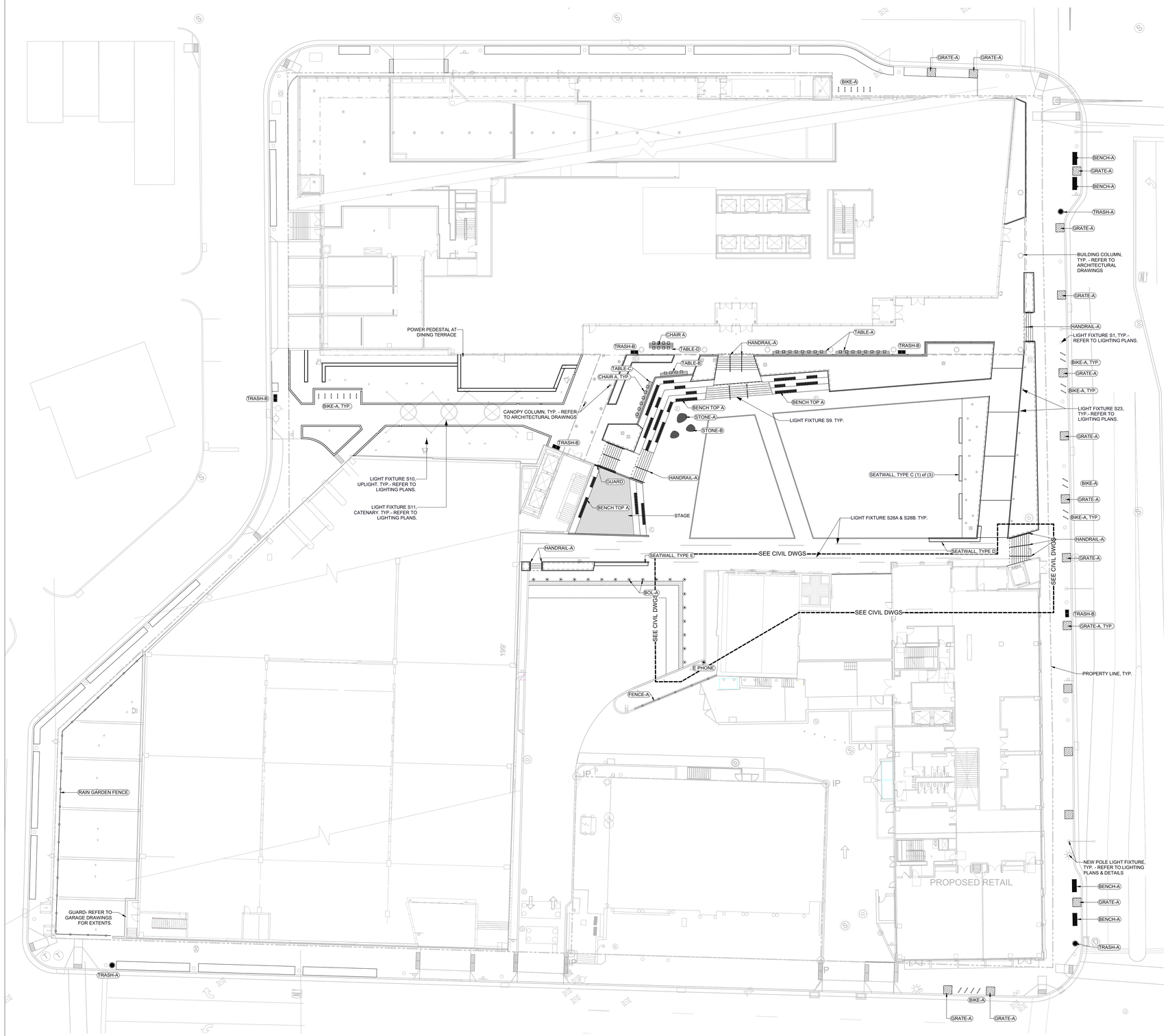
SORA WEST

DRAWING TITLE

PLANTING PLAN

PROJECT NO.	DRAWING NO.
1815.00	L101
DATE: 10.21.20	
SCALE: 1" = 20'	
DRAWN BY: NW	
CHECKED BY: KL	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

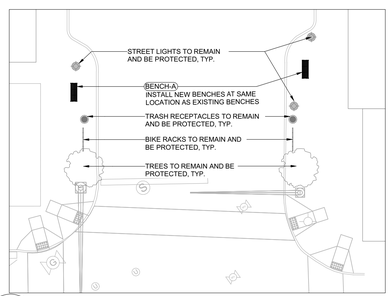


MATERIAL SCHEDULE

KEY	ITEM
SITE AMENITIES + FURNISHINGS	
BENCH-A	BOROUGH STANDARD METAL BENCH
SEATWALL, TYPE C	C.I.P. CONC. SEATWALL WITH BENCHTOP
SEATWALL, TYPE D	C.I.P. CONC. SEATWALL WITH BENCHTOP NEAR HOTEL ENTRY
SEATWALL, TYPE E	C.I.P. CONC. SEATWALL WITH BENCHTOP AT DROP-OFF
BENCH TOP A	BENCH TOP ON CONCRETE WALL
STONE-A	ARCHITECTURAL STONE SEAT
STONE-B	ARCHITECTURAL STONE SEAT
BOL-A	BOLLARD
BIKE-A	BICYCLE RACK, ARCHITECTURAL
TRASH-A	TRASH RECEPTACLE, BOROUGH STANDARD
TRASH-B	TRASH AND RECYCLING RECEPTACLES
HANDRAIL-A	HANDRAIL
RAIN GARDEN FENCE	ARCHITECTURAL FENCE, BOROUGH STANDARD
GUARD	ARCHITECTURAL GUARDRAIL
GRATE - A	TREE GRATE
TABLE-A, TABLE-B, TABLE-C, TABLE-D	CUSTOM BAR HEIGHT TABLE
CHAIR A	BAR HEIGHT STOOL

NOTE:
1.REFER TO LIGHTING PLANS AND DETAILS FOR LIGHTING AT PLAZA AND STREETSCAPE. FIXTURES SHOWN FOR COORDINAITON ONLY.

2. WAYFINDING SIGNAGE TO BE PROVIDED UNDER SEPARATE PACKAGE WITH BUILDING AND TENANT SIGNAGE.



1 / L102 BENCH REPLACEMENT AT EXISTING BUS STOPS

0 20 40FT

CLIENT / OWNER

KEYSTONE PROPERTY GROUP

ONE PRESIDENTIAL BLVD., SUITE 300
BALA CYNWYD, PA 19004

ISSUE / REVISIONS

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SEAL

PROJECT TITLE

SORA WEST

DRAWING TITLE

SITE FURNISHINGS & AMENITIES PLAN

PROJECT NO.	DRAWING NO.
1815.00	L102
DATE: 10.21.20	
SCALE: 1" = 20'	
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CHECKED BY: KL	

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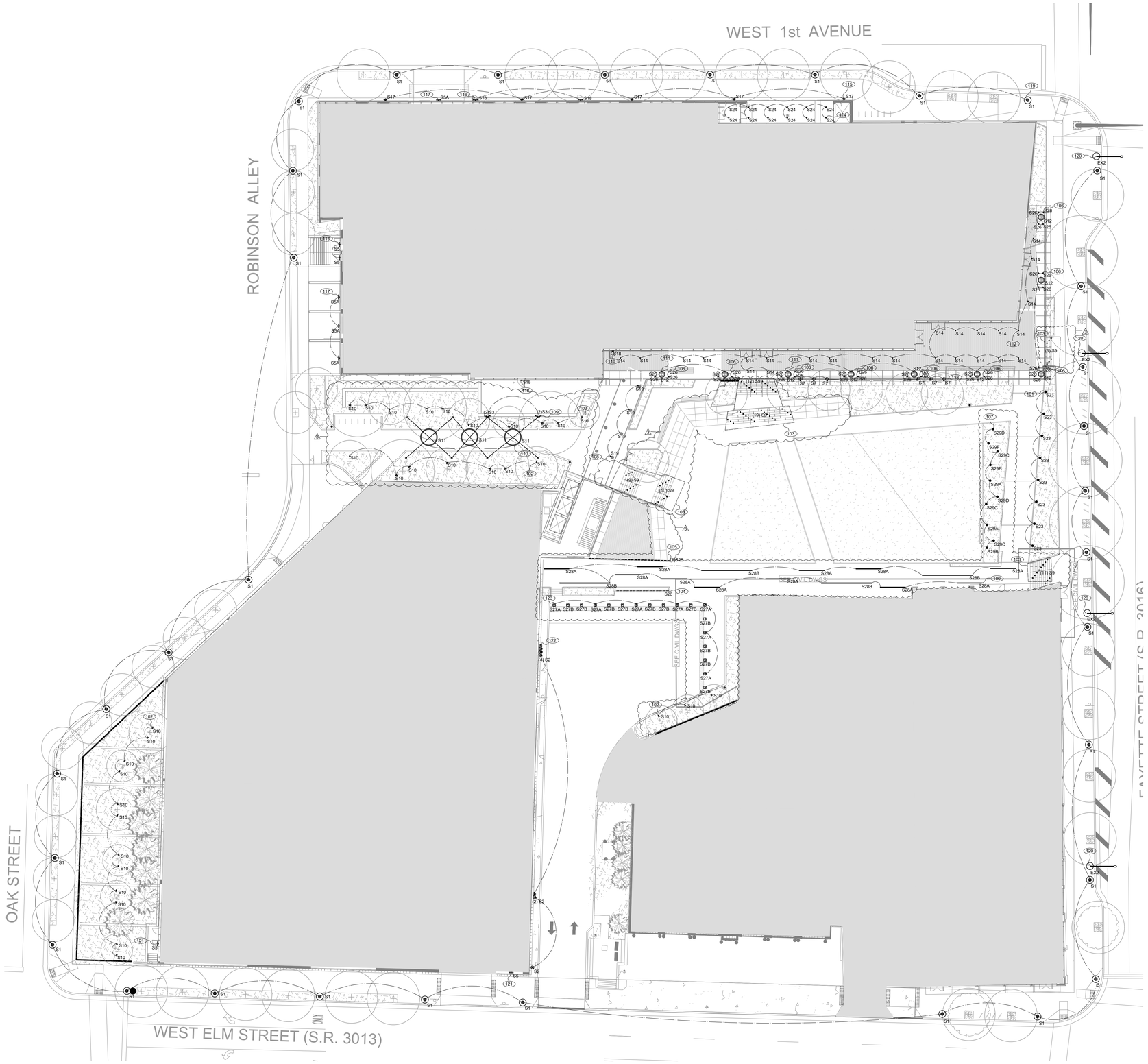

GENERAL NOTES

1. REFER TO LIGHTING MANUAL ELECTRICAL LIGHTING PLAN FOR LUMINAIRE MANUFACTURER AND SPECIFICATION INFORMATION.

2. REFER TO BUILDING LIGHTING ELEVATIONS FOR ABOVE GROUND LIGHTING LOCATIONS AND TAGS.

KEYSTONE - SORA WEST

Conshohocken, PA 19428

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△	Date	Description
	11/02/2018	ISSUE FOR DD PROGRESS
	11/09/2018	ISSUE FOR DD PROGRESS
	11/27/2018	EARLY RELEASE PKG. NO.02
	01/18/2019	ISSUE FOR DESIGN DEVELOPMENT
	04/08/2019	CD PROGRESS
	04/26/2019	ISSUE FOR PERMIT
1	05/17/2019	ISSUE FOR CONSTRUCTION/ADDM. 03
2	07/05/2019	BULLETIN 07
3	10/21/2020	REVISED LAND DEVELOPMENT SUBMISSION

Seal / Signature

Project Name

Keystone Property Group - SORA WEST

Project Number

09.7818.000

Description

Site Lighting Plan & Zoning

Scale: 1:20

AL1.101

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SN	Description	From (Inlet) Node	To (Outlet) Node	Length	Inlet Invert Elevation	Outlet Invert Elevation	Average Slope	Pipe Diameter or Height	Manning's Roughness	Peak Flow	Design Flow Capacity	Ground/Rim (Start) Elevation	Ground/Rim (End) Elevation	Maximum Start HGL Elevation Attained	Maximum End HGL Elevation Attained
				(ft)	(ft)	(ft)	(%)	(inches)		(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)
1	15 in HDPE	DMH-3	MF Unit 2	1.00	92.03	92.01	2.0000	15.000	0.0130	5.94	9.14	100.8	98.84	96.52	96.81
2	18 in HDPE	DMH-2	MF Unit 1	3.00	92.16	92.01	5.0000	18.000	0.0130	3.90	23.49	102.5	101.2	96.89	96.81
3	15 in HDPE	TD-13	DMH-2	46.28	98.78	96.47	5.0000	15.000	0.0130	3.90	14.43	107	102.5	99.43	96.89
4	15 in HDPE	DMH-6	TD-13	15.51	99.04	98.89	1.0000	15.000	0.0130	2.56	6.46	108.75	107	103.78	99.43
5	18 lin HDPE	UG-1	OS-UB-1	14.67	110.42	109.67	5.1100	18.000	0.0130	10.94	23.75		114.5	112.62	111.17
6	18 in HDPE	OS-UB1	UG-1OUT	27.27	109.56	106.71	9.7800	18.000	0.0130	10.94	33.96	114.5	111.1	111.17	107.83
7	15 in HDPE	OS-BRB1	BRBOUT	28.10	97.92	97.63	1.0100	15.000	0.0130	3.07	6.48	100.5	99.6	98.14	97.91
8	10 in HDPE	GARTOBRB	FES-1	2.99	115.15	115.00	4.9800	10.000	0.0130	2.54	4.89		115	115.58	115.43
9	12 in HDPE	OS-RG1	UG-1	62.62	113.56	111.05	4.0000	12.000	0.0130	4.24	7.12	120.75		113.56	111.61
10	12 in HDPE	OFF2	OFFICE2	28.07	111.50	110.80	2.5000	12.000	0.0130	5.31	5.63			112.28	111.57
11	12 in HDPE	OFF1	OFFICE1	18.40	111.40	110.94	2.5000	12.000	0.0130	5.22	5.64			112.16	111.7
12	10 in HDPE	TD-8	UG-1	6.04	111.12	111.00	1.9900	10.000	0.0130	0.02	3.09	120.33		111.27	111.05
13	15 in HDPE	HOTEL	UG-1	8.63	111.13	110.98	2.0000	10.000	0.0130	3.08	3.10			111.64	111.51
14	15 in HDPE	GARTOMF	DMH-3	7.09	92.60	92.53	1.0000	15.000	0.0130	5.29	5.59		100.8	93.57	96.52
15	18 in HDPE	MF Unit 2	DMH-1	62.47	91.76	91.42	0.5500	18.000	0.0130	9.74	8.51	100.05	98.84	96.81	92.03
16	15 in HDPE	TD-1B	DMH-7	16.79	95.98	95.14	5.0000	15.000	0.0130	0.28	14.44	100.6	99.13	96.11	95.52
17	8 in HDPE	HOTEL BYPASS	DMH-7	22.81	95.26	95.14	0.5000	8.000	0.0130	0.53	0.86		99.13	95.6	95.52
18	15 in HDPE	DMH-7	TD-1A	20.81	95.04	94.00	5.0000	15.000	0.0130	0.81	14.44	99.13	97.35	95.52	94.2
19	15 in HDPE	TD-1A	EX-INL	17.81	92.35	92.00	1.9800	15.000	0.0130	1.10	9.09	97.35	0	94.2	92.28
20	10 in HDPE	TD-7A	TD-7B	4.85	120.26	120.16	2.0600	10.000	0.0130	0.42	3.14	122.12	122.3	120.46	120.35
21	10 in HDPE	TD-7B	FES-3	4.49	120.06	120.04	0.4900	10.000	0.0130	0.38	1.53	122.3		120.35	120.32
22	10 in HDPE	TD-9	UG-1	1.58	111.01	110.98	2.0000	10.000	0.0130	0.42	3.10	115.3		111.08	110.98
23	5 in HDPE	AD-1.1	AD-1	1.95	125.00	124.96	2.0000	6.000	0.0130	0.24	0.79	126.34	127.87	125.19	125.09
24	6 in HDPE	AD-1	TD-6	7.05	124.90	124.85	0.7100	6.000	0.0130	0.24	0.47	127.87	129.69	125.09	125.04
25	6 in HDPE	TD-6	TD-5	1.99	124.75	124.71	2.0100	6.000	0.0130	0.24	0.80	129.69	129.1	125.04	124.76
26	6 in HDPE	TD-5	TD-4	1.98	124.61	124.57	2.0200	6.000	0.0130	0.24	0.80	129.1	127.89	124.89	124.75
27	6 in HDPE	TD-4	TD-3	1.99	124.47	124.43	2.0100	6.000	0.0130	0.24	0.80	127.89	126.76	124.75	124.61
28	10 in HDPE	TD-3	FES-4	5.21	123.60	123.50	2.0000	10.000	0.0130	0.24	3.10	126.76		124.61	123.65
29	10 in HDPE	AD-2	CO	10.53	102.86	102.65	2.0000	10.000	0.1300	0.23	3.10	105.88	110.05	102.91	102.81
30	10 in HDPE	AD-3	CO	46.90	103.59	102.65	2.0000	10.000	0.1300	0.23	3.10	115.13	110.05	103.69	102.81
31	10 in HDPE	CO	I-1	11.34	102.65	102.42	2.0000	10.000	0.1300	0.23	3.10	110.05	108.75	102.81	102.49
32	10 in HDPE	I-1	DMH-5	17.05	102.32	102.06	1.5000	10.000	0.0130	0.23	2.68	108.75	108.4	102.49	102.23
33	10 in HDPE	FIREHOUSE	UG-1	12.20	111.22	110.98	2.0000	10.000	0.0130	0.53	3.10			102.97	102.69
34	10 in HDPE	GARTORG	FES-2	2.21	120.08	120.04	1.9900	10.000	0.0130	1.25	3.09			120.45	120.04
35	12 in HDPE	I-2	DMH-6	39.83	99.34	99.14	0.5000	12.000	0.0130	1.68	2.52	108.5	108.75	100.14	103.78
36	12 in HDPE	DMH-5	I-2	59.23	99.64	99.34	0.5000	12.000	0.0130	1.07	2.52	108.4	108.5	102.23	100.14
37	10 in HDPE	TD-12	DMH-6	99.17	107.63	103.67	3.9900	10.000	0.0130	0.17	4.38	112	108.75	107.74	103.78
38	10 in HDPE	CANOPYTD	TD-8	11.86	111.46	111.22	2.0100	10.000	0.0130	0.02	3.10	122.25	120.33	111.51	111.27
39	15 in HDPE	TD-2	DMH-3	10.15	96.50	96.30	2.0000	15.000	0.0130	0.65	9.14	99.51	100.8	96.73	96.52
40	12 in HDPE	I-3	DMH-5	63.43	100.06	99.74	0.5000	12.000	0.0130	0.86	2.52	103.16	108.4	100.47	102.23
41	6 in HDPE	TD-14	TD-15	13.94	111.75	111.47	2.0000	6.000	0.0130	0.13	0.80	112	108.75	111.87	111.59
42	6 in HDPE	TD-15	UG-1	15.85	111.47	111.15	2.0000	6.000	0.0130	0.13	0.80	122.25		111.59	111.27
43	6 in HDPE	TD-16	UG-1	9.01	111.33	111.15	2.0000	6.000	0.0130	0.07	0.80	118.65		111.42	111.24
44	6 in HDPE	TD-17	UG-1	8.75	111.32	111.15	2.0000	6.000	0.0130	0.19	0.80	118.65		111.47	111.32

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KEYP1401

METES AND BOUNDS DESCRIPTION

SORA West Public Access Easement 1

Fayette Street and Elm Street

Borough of Conshohocken and County of Montgomery

Commonwealth of Pennsylvania

All that Certain Parcel of Land identified as "Public Access Easement 1" situate in the Borough of Conshohocken, County of Montgomery, Commonwealth of Pennsylvania in accordance with a plan entitled "Easement Plan", drawing CS-0802, project number KEYP1401, dated 10/21/2020.

Beginning at a point at the intersection the Westerly line of Fayette Street (S.R. 3016) (95' wide) and the Southerly line of First Avenue (Variable Width),

For herein described easement, the following fifty-eight (58) courses, thence;

1. From said Point of Beginning, S 35°29'28" W, along the westerly right-of-way line of Fayette Street, a distance of 50.92' to a point thence continuing;
2. S 34°18'38" W, along the westerly right-of-way line of Fayette Street, a distance of 180.08' to a point; thence continuing,
3. S 34°19'37" W, along the westerly right-of-way line of Fayette Street, a distance of 78.28' to a point; thence continuing,
4. S 35°26'05" W, along the westerly right-of-way line of Fayette Street, a distance of 105.53' to a point on the northerly right-of-way line of Elm Street (S.R. 3013) (76' wide); thence continuing,
5. N 52°51'58" W, along the northerly right-of-way line of Elm Street, a distance of 75.32' to a point; thence continuing,
6. N 87°05'57" E, a distance of 1.22' to a point; thence continuing,
7. S 55°32'47" E, a distance of 71.33' to a point; thence continuing,
8. N 34°27'13" E, a distance of 190.50' to a point; thence continuing,
9. N 55°32'47" W, a distance of 43.11' to a point; thence continuing,
10. S 34°27'13" W, a distance of 2.50' to a point; thence continuing,
11. N 55°32'47" W, a distance of 27.87' to a point; thence continuing,
12. S 34°13'00" W, a distance of 3.45' to a point; thence continuing,
13. N 54°11'09" W, a distance of 8.59' to a point; thence continuing,
14. N 34°27'13" W, a distance of 7.99' to a point; thence continuing,
15. N 52°44'35" W, a distance of 54.00' to a point; thence continuing,
16. S 36°21'13" W, a distance of 35.00' to a point; thence continuing,
17. N 54°33'00" W, a distance of 6.31' to a point; thence continuing,
18. S 35°27'00" W, a distance of 15.28' to a point; thence continuing,
19. N 76°51'36" W, a distance of 37.54' to a point of curvature; thence continuing,
20. Along the arc of a circle curving to the left having a radius of 52.20', an arc length of 7.43', a

central angle of 8°09’36”, a chord bearing N 83°07’11” W and a distance of 7.43’, to a point of curvature; thence;

21. Continuing, along the arc of a circle curving to the left having a radius of 81.27’, an arc length of 30.24’, a central angle of 21°19’04”, along a chord bearing S 74°58’49” W and a distance of 30.06’, to a point, on the easterly right-of-way line of former Forrest Street (40’ wide); thence continuing,
22. S 37°08’02” W, along the easterly right-of-way of former Forrest Street, a distance of 99.15’ to a point on the northerly right-of-way line of Elm Street; thence continuing,
23. N 52°51’58” W, along the northerly right-of-way line of Elm Street, a distance of 30.13’ to a point; thence continuing,
24. N 37°08’02” E, a distance of 199.63’ to a point; thence continuing,
25. S 52°52’13” E, a distance of 22.70’ to a point; thence continuing,
26. N 56°26’05” E, a distance of 35.28’ to a point; thence continuing,
27. N 33°35’11” W, a distance of 23.78’ to a point; thence continuing,
28. N 56°27’00” E, a distance of 5.17’ to a point; thence continuing,
29. N 33°33’00” W, a distance of 14.65’ to a point; thence continuing,
30. N 54°32’39” W, a distance of 65.52’ to a point; thence continuing,
31. S 82°04’56” W, a distance of 63.13’ to a point on the easterly right-of-way line of Robinson Alley (54’ Wide); thence continuing
32. N 35°14’25” E, along the easterly right-of-way line of Robinson Alley, a distance of 60.37’ to a point; thence continuing,
33. S 04°52’33” E, a distance of 9.44’ to a point; thence continuing,
34. S 54°33’39” E, a distance of 5.66’ to a point; thence continuing,
35. N 35°30’20” E, a distance of 7.45’ to a point; thence continuing,
36. S 54°33’36” E, a distance of 31.33’ to a point; thence continuing,
37. S 35°24’57” W, a distance of 7.45’ to a point; thence continuing,
38. S 54°33’36” E, a distance of 88.21’ to a point; thence continuing,
39. S 54°27’32” E, a distance of 24.59’ to a point; thence continuing,
40. N 56°27’00” E, a distance of 8.04’ to a point; thence continuing,
41. S 59°03’00” E, a distance of 14.48’ to a point; thence continuing,
42. N 56°27’00” W, a distance of 4.23’ to a point; thence continuing,
43. S 59°02’41” E, a distance of 17.82’ to a point; thence continuing,
44. N 56°54’22” E, a distance of 10.24’ to a point; thence continuing,
45. S 54°33’36” E, a distance of 8.23’ to a point; thence continuing,
46. S 44°02’15” W, a distance of 11.87’ to a point; thence continuing,
47. N 59°02’11” W, a distance of 3.00’ to a point; thence continuing,
48. S 44°27’00” W, a distance of 9.26’ to a point; thence continuing,
49. S 59°02’59” E, a distance of 32.48’ to a point; thence continuing,
50. N 17°26’33” E, a distance of 9.26’ to a point; thence continuing,
51. N 59°03’02” W, a distance of 2.91’ to a point; thence continuing,
52. N 17°26’26” E, a distance of 10.86’ to a point; thence continuing,
53. S 54°33’22” E, a distance of 81.50’ to a point; thence continuing,
54. N 35°26’24” E, a distance of 6.00’ to a point; thence continuing,
55. S 54°33’36” E, a distance of 27.25’ to a point; thence continuing,
56. N 55°03’48” E, a distance of 22.29’ to a point; thence continuing,

57. N 40°26’34” E, a distance of 96.41’ to a point on the southerly right-of-way line of First Avenue; thence continuing,
58. S 54°33’35” E, along the southerly right-of-way line of First Avenue, a distance of 12.55’ to the point and place of beginning.

Containing within these metes and bounds 36,419 square feet or 0.8361 acres, more or less.

P:\Projects\KEYP\KEYP1401-One Conshohocken\DOCUMENTS\Legal Descriptions\Easements\Public Access Easement 1.docx

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KEYP1401

METES AND BOUNDS DESCRIPTION

SORA West Public Plaza Area

Fayette Street and Elm Street

Borough of Conshohocken and County of Montgomery

Commonwealth of Pennsylvania

All that Certain Parcel of Land identified as "Public Access Area" situate in the Borough of Conshohocken, County of Montgomery, Commonwealth of Pennsylvania in accordance with a plan entitled "Easement Plan", drawing CS-0802, project number KEYP1401, dated 10/21/2020.

Beginning at a point on the Westerly line of Fayette Street (S.R. 3016) (95' wide), said point being the following two (2) courses and distances from the intersection the Westerly line of Fayette Street and the Southerly line of First Avenue (Variable Width):

S 35°29'28" W, along the westerly right-of-way line of Fayette Street, a distance of 50.92' to a point; thence continuing

S 34°18'38" W, along the westerly right-of-way line of Fayette Street, a distance of 62.01' to the point and place of beginning.

For herein described area, the following twenty-nine (29) courses, thence;

1. S 34°18'38" W, along the westerly right-of-way line of Fayette Street, a distance of 107.09' to a point; thence continuing,
2. N 55°32'47" W, a distance of 34.10' to a point; thence continuing,
3. N 34°51'08" E, a distance of 9.86' to a point; thence continuing,
4. N 54°33'00" W, a distance of 135.43' to a point; thence continuing,
5. N 51°39'20" W, a distance of 19.33' to a point; thence continuing,
6. N 52°18'55" W, a distance of 38.44' to a point; thence continuing,
7. N 56°26'05" E, a distance of 35.28' to a point; thence continuing,
8. N 33°35'11" W, a distance of 23.78' to a point; thence continuing,
9. N 57°00'55" E, a distance of 21.41' to a point; thence continuing,
10. S 54°27'32" E, a distance of 24.59' to a point; thence continuing,
11. N 56°27'00" E, a distance of 8.04' to a point; thence continuing,
12. S 59°03'00" E, a distance of 14.48' to a point; thence continuing,
13. N 56°27'00" W, a distance of 4.23' to a point; thence continuing,
14. S 59°02'41" E, a distance of 17.82' to a point; thence continuing,
15. N 56°54'22" E, a distance of 10.24' to a point; thence continuing,
16. S 54°33'36" E, a distance of 8.23' to a point; thence continuing,
17. S 44°02'15" W, a distance of 11.87' to a point; thence continuing,
18. N 59°02'11" W, a distance of 3.00' to a point; thence continuing,
19. S 44°27'00" W, a distance of 9.26' to a point; thence continuing,

20. S 59°02’59” E, a distance of 32.48’ to a point; thence continuing,
21. N 17°26’33” E, a distance of 9.26’ to a point; thence continuing,
22. N 59°03’02” W, a distance of 2.91’ to a point; thence continuing,
23. N 17°26’26” E, a distance of 10.86’ to a point; thence continuing,
24. S 54°33’22” E, a distance of 81.50’ to a point; thence continuing,
25. N 35°26’24” E, a distance of 6.00’ to a point; thence continuing,
26. S 54°33’36” E, a distance of 27.25’ to a point; thence continuing,
27. S 54°11’09” E, a distance of 12.35’ to a point; thence continuing,
28. S 71°25’26” E, a distance of 12.70’ to a point; thence continuing,
29. S 60°24’18” E, a distance of 5.15’ to a point on the westerly right-of-way line of Fayette Street being the point and place of beginning.

Containing within these metes and bounds 18,953 square feet or 0.4351 acres, more or less.

POST-CONSTRUCTION STORMWATER MANAGEMENT NARRATIVE

SORA WEST

FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PENNSYLVANIA, 19428

OWNER/DEVELOPER:

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PENNSYLVANIA 19428

PREPARED BY:

PENNONI ASSOCIATES INC.
1900 MARKET STREET, STE. 300
PHILADELPHIA, PENNSYLVANIA 19103

PROJECT NO. KEYP1401
REV: APRIL 5, 2019
REV: MAY 10, 2019
REV: JUNE 21, 2019
REV: JULY 19, 2019
REV: JULY 26, 2019
REV: SEPTEMBER 3, 2020

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APPENDICES

APPENDIX A – MAPS

APPENDIX B – STORMWATER RUNOFF CALCULATIONS

APPENDIX C – DRAINAGE DESIGN

APPENDIX D – PENNONI INFILTRATION REPORT (DATED: OCTOBER 18, 2017)

APPENDIX E – GEOSOLUTIONS INFILTRATION REPORT (DATED: JUNE 29, 2018)

DRAINAGE AREA PLANS

PROJECT DESCRIPTION

Keystone Property Group is proposing to redevelop the property located at the corner of Fayette Street (S.R. 3016) and West Elm Street (S.R. 3013) in the Borough of Conshohocken, Montgomery County, Pennsylvania. The subject property is six parcels that consists of a 11,150± sf office building, a 10,250± sf office building, a 20,300± sf parking garage, and a fire station. The existing land use of the site for the past 50 years has remained the same; consisting of office buildings, parking garages, the fire house and other various structures. The site is zoned SP-4 Specially Planned District 4 and is bound by First Avenue to the north, Fayette Street to the East, Elm Street to the south, and Robinson Alley to the west.

The project consists of demolishing the existing office buildings and parking garage, then constructing a new office building, a parking garage, and a hotel/retail building. An underground infiltration basin, a media filter, a bioretention basin and a rain garden will be utilized to meet the stormwater management volume and peak rate requirements. The site will comply with the Borough of Conshohocken Stormwater Management Code and the Montgomery County Conservation District requirements. The overall disturbance associated with this project is 4.29 acres.

The proposed development incorporates permanent stormwater management BMPs that control the volume of runoff, the peak rate of runoff, and provides water quality for the site. The BMPs include the following:

- Underground Infiltration Basin
- Media Filter
- Rain Garden
- Bioretention Basin

STORMWATER DESIGN CRITERIA

Volume Control

In accordance with the Montgomery County Conservation District, the Volume Control Guideline CG-1 method from Pa BMP Manual was used to determine the volume of runoff to be managed on site. The CG-1 method requires modeling the site based on the following conditions:

1. No increase in the post-development runoff volume for all storms equal or less than the 2-yr/24-hr event.
2. Existing (pre-development) non-forested pervious areas must be considered meadow (good condition) or its equivalent.
3. Twenty (20) percent of existing impervious area, when present, shall be considered meadow (good condition) in the model for existing conditions for redevelopment.

The post-development land cover was based upon the proposed improvements and the proposed permanent vegetative cover on the project site.

Peak Rate Control

In accordance with the Borough of Conshohocken Stormwater Code, the post construction peak rates must be reduced to existing peak rates.

RAINFALL DATA

The following table has been provided in order to summarize the associated rainfall depths for the applicable recurrence storm events in the Borough of Conshohocken. The design storm precipitation amounts were taken from NOAA Atlas 14, Volume 2, Version 3 at the Conshohocken Station:

DESIGN STORM DATA –Wissahickon Watershed	
Recurrence Storm Event	**Rainfall Depth (in.)**
One (1)-Year	2.73
Two (2)-Year	3.28
Five (5)-Year	4.12
Ten (10)-Year	4.82
Twenty Five (25)-Year	5.82
Fifty (50)-Year	6.67
One Hundred (100)-Year	7.58

SITE SOILS

The following table has been provided to summarize the site soils. A soil map can be found in Appendix A, Figure 2.

SITE SOILS		
Soil Abbreviation	**Soil Name**	**Hydrologic Soil Group**
UugD	Urban Land – Udorthents, Schist, and Gneiss Comlpex	C

Soil Information

UugD—URBAN LAND-Udorthents, Schist, and Gneiss Complex 8 TO 25 PERCENT SLOPES:

MAP UNIT SETTING

MEAN ANNUAL PRECIPITATION: 35 TO 55 INCHES

MEAN ANNUAL AIR TEMPERATURE: 45 TO 61 DEGREES F

FROST-FREE PERIOD: 110 TO 235 DAYS

MAP UNIT COMPOSITION

URBAN LAND: 65 PERCENT

PENN AND SIMILAR SOILS: 25 PERCENT

MINOR COMPONENTS: 10 PERCENT

DESCRIPTION OF URBAN LAND

SETTING

LANDFORM: HILLS

LANDFORM POSITION (TWO-DIMENSIONAL): SUMMIT, SHOULDER, BACKSLOPE

PARENT MATERIAL: PAVEMENT, BUILDINGS AND OTHER ARTIFICALLY COVERED AREAS

AREAS

PROPERTIES AND QUALITIES

SLOPE: 8 TO 25 PERCENT

DEPTH TO RESTRICTIVE FEATURE: 10 TO 99 INCHES TO LITHIC BEDROCK

INTERPRETIVE GROUPS

FARMLAND CLASSIFICATION: NOT PRIME FARMLAND

LAND CAPABILITY (NONIRRIGATED): 8s
HYDRIC SOILS: NO

Soil Use Limitations and Resolutions

1. If groundwater is encountered during foundation or utility excavation, water shall be pumped from trench into filter bag.
2. Due to frost action limitations of soils during winter months, the contractor shall cease all earth moving activities during frosting or icing conditions.
3. If bedrock is encountered during excavation, rock shall be removed and disposed of in a legal manner.
4. Soil tests should be performed to determined soil suitability for topsoil. If soil is unsuitable, topsoil shall be imported.

A copy of a portion of the Soil Map is included as Figure 2.

EXISTING CONDITIONS

The subject site is a commercial area within the Borough of Conshohocken consisting of two office buildings, a parking garage and a fire house. Stormwater runoff currently flows in a southerly direction overland in inlets and is conveyed into the drainage line that runs along Elm Street flowing easterly. The runoff from the site, as well as the upstream contributing area ultimately discharges to the receiving watercourse, Schuylkill River, Ch. 93 Designated Use WWF (Warm Water Fish). Wetlands and hydric soils are not present on site.

EXISTING DRAINAGE AREA POI-1 SUMMARY			
Surface	**CN**	**POST (sf)**	**POST (ac.)**
IMPERVIOUS	98	143,749	3.30
MEADOW	58	42,552	0.98
GRAVEL	89	546	0.01
Total Area	***89***	***186,847***	**4.29**

INFILTRATION SUMMARY			
Infiltration Test Locations	**Infiltration Rate (in/hr)**	**Factor of Safety**	**Design Infiltration Rate (in/hr)**
I-1	*0.05	2	*
I-2	0.89	2	
**I-3	1.23	2	**0.62 (RG-1)
I-4	0.89	2	
T-1	2.40	4.3	
T-2	*0.00	2	1.18 (Basin UB-1)
T-3	7.92	2.6	
T-4	5.28	3.5	0.78 (BRB-1)
T-5	0.24	4	

*Infiltration Test Location I-1, T-2 was not included, due to results being under 0.5 in/hr

PROPOSED CONDITIONS

The project consists of demolishing the existing office buildings and parking garage, then constructing A new office building, a parking garage, and a hotel/retail building. Underground detention basins and a rain garden will be utilized to meet the stormwater management volume and peak rate requirements. The site will comply with the Borough of Conshohocken Stormwater Management Code and the Montgomery County Conservation District requirements. The overall disturbance associated with this project is 4.29 acres.

A bioretention basin, a rain garden, and two underground basins, one detention and one infiltration, will be used to meet the stormwater management requirements. Runoff from the site will discharge to the Boroughs existing drainage systems; Rain Garden RG-1 will be routed in series with Basin UB-1 and will discharge to the system within Fayette Street, and Bioretention Basin BRB-1 and Media Filter MF-1 will discharge to the system within Elm Street. From there, the runoff will continue to flow south to POI-1. The project intent is to comply with the Montgomery County Conservation District and the Borough of Conchohocken's Stormwater Management Requirements.

The following table has been provided below to summarize the projects drainage areas. The detailed computations can be found in Appendix B of this report.

PROPOSED DRAINAGE AREA POI-1 SUMMARY			
Surface	**CN**	**POST (sf)**	**POST (ac.)**
IMPERVIOUS	98	151,675	3.48
LAWN	61	22,447	0.52
GREEN ROOF	84	12,725	0.29
Total Area	***91***	***186,847***	**4.29**

VOLUME CONTROL

Narrative

The Volume Control calculations were based upon the Volume Control Guideline 1 (CG-1) method, which requires modeling the site based on the following conditions:

1. No increase in the post-development runoff volume for all storms equal or less than the 2-yr/24-hr event.
2. Existing (pre-development) non-forested pervious areas must be considered meadow (good condition) or its equivalent.
3. Twenty (20) percent of existing impervious area, when present, shall be considered meadow (good condition) in the model for existing conditions for redevelopment.
4. Provide storage volume equal to the total additional volume of runoff due to development, based on the 100-year 24 hour duration storm, plus an additional 0.06 acre-inches.

The post-development land cover was based upon the proposed improvements and the proposed permanent vegetative cover for the remaining areas of the project site.

Summary

We are proposing to manage the increase in runoff volume from the 2-yr storm on site by utilizing the volume provided through infiltration in the underground basin, the rain garden, and the bioretention basin. The proposed stormwater BMP's that are incorporated in the design provide storage required by the Borough of Conshohocken Stormwater Management Requirements and manage more runoff volume from the site than required by Volume Control Guideline 1 (CG-1). Calculations are included in Appendix C and Appendix D of this report, and is summarized below:

POI-1 RUNOFF VOLUME SUMMARY

EXISTING		PROPOSED		CHANGE	
Design Storm	Volume (cf)	Design Storm	Volume (cf)	Design Storm	Volume Req (cf)
2-yr	34,750	2-yr	43,787	2-yr	9,037
100-yr	95,592	100-yr	109,079	100-yr	13,488

BOROUGH 100-YR STORAGE VOLUME REQUIRED: 13,715 CF + 0.06*3630 = 13,933 CF

PROPOSED STORAGE VOLUME	
STRUCTURAL BMP	STORAGE VOLUME (CF)
UB-1	15,693
RG-1	4,188
BRB-1	5,463
TOTAL	**25,344**

PROPOSED VOLUME CREDITS	
STRUCTURAL BMP	2-YR (CF)
UB-1 INFILTRATION	8,707
RG-1 INFILTRATION	2,558
BRB-1 INFILTRATION	1,941
GREEN ROOF	1,211
TOTAL	14,417

FAYETTE STORAGE VOLUME SUMMARY

EXISTING		PROPOSED		CHANGE	
Design Storm	Volume (cf)	Design Storm	Volume (cf)	Design Storm	Volume Req (cf)
100-yr	53,963	100-yr	62,932	100-yr	8,969

STORAGE VOLUME REQUIRED: 9,462 CF + 0.06*3630 = 9,680 CF

PROPOSED STORAGE VOLUME	
STRUCTURAL BMP	STORAGE VOLUME (CF)
UB-1	15,693
RG-1	4,188
TOTAL	**19,881**

ELM STORAGE VOLUME SUMMARY

EXISTING		PROPOSED		CHANGE	
Design Storm	Volume (cf)	Design Storm	Volume (cf)	Design Storm	Volume Req (cf)
100-yr	41,629	100-yr	46,147	100-yr	4,518

STORAGE VOLUME REQUIRED: 3,728 CF + 0.06*3630 = 3,946 CF

PROPOSED STORAGE VOLUME	
STRUCTURAL BMP	STORAGE VOLUME (CF)
BRB-1	5,463
TOTAL	5,463

PEAK RATE CONTROL

Narrative

In accordance with the Borough of Conshohocken Stormwater Code, the post construction peak rates must be reduced to existing peak rates.

Summary

The overall performance of the Stormwater Management elements is summarized as follows:

POI-1 PEAK RUNOFF SUMMARY

EXISTING		PROPOSED		CHANGE	
Design Storm	Peak Rate (cfs)	Design Storm	Peak Rate (cfs)	Design Storm	Peak Rate (cfs)
1-yr	11.99	1-yr	6.69	1-yr	-5.30
2-yr	15.26	2-yr	8.47	2-yr	-6.79
5-yr	19.99	5-yr	11.31	5-yr	-8.68
10-yr	23.92	10-yr	14.39	10-yr	-9.53
25-yr	29.50	25-yr	19.51	25-yr	-9.99
50-yr	34.22	50-yr	23.59	50-yr	-10.63
100-yr	39.25	100-yr	28.08	100-yr	-11.17

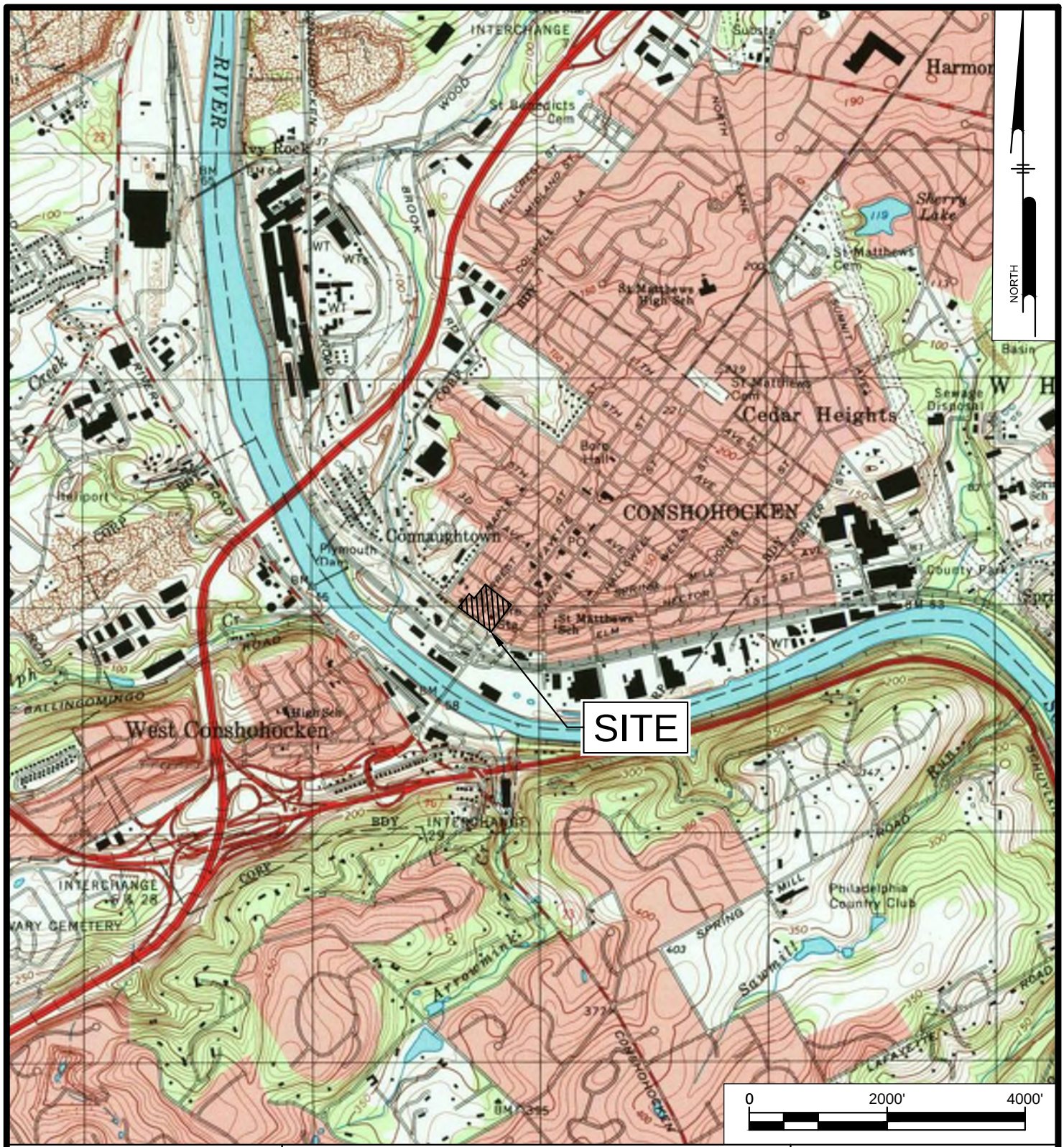
FAYETTE PEAK RUNOFF SUMMARY

EXISTING		PROPOSED		CHANGE	
Design Storm	Peak Rate (cfs)	Design Storm	Peak Rate (cfs)	Design Storm	Peak Rate (cfs)
1-yr	6.61	1-yr	1.90	1-yr	-4.71
2-yr	8.44	2-yr	2.82	2-yr	-5.62
5-yr	*11.09*	5-yr	4.33	5-yr	-6.76
10-yr	13.28	10-yr	5.69	10-yr	-7.59
25-yr	16.39	25-yr	8.50	25-yr	-7.89
50-yr	19.01	50-yr	11.03	50-yr	-7.98
100-yr	21.81	100-yr	13.49	100-yr	-8.32

ELM PEAK RUNOFF SUMMARY

EXISTING		PROPOSED		CHANGE	
Design Storm	Peak Rate (cfs)	Design Storm	Peak Rate (cfs)	Design Storm	Peak Rate (cfs)
1-yr	5.46	1-yr	4.91	1-yr	-0.55
2-yr	6.93	2-yr	6.03	2-yr	-0.90
5-yr	*9.04*	5-yr	7.65	5-yr	-1.39
10-yr	10.80	10-yr	9.02	10-yr	-1.78
25-yr	13.31	25-yr	13.18	25-yr	-0.13
50-yr	15.43	50-yr	15.02	50-yr	-0.41
100-yr	17.69	100-yr	17.14	100-yr	-0.55

APPENDIX A –MAPS



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SORA WEST
FAYETTE & WEST ELM STREETS
CONSHOHOCKEN, PA

LOCATION MAP

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

PROJECT	KEYP 1401
DATE	2017-11-20
DRAWING SCALE	1"=2000'
DRAWN BY	JAS
APPROVED BY	JS

LOCATION MAP

SHEET 1 OF 1

P:\PROJECTS\KEYP\KEYP1401-ONE CONSHOHOCKEN\DESIGN_PUBLISH\LOCATION MAP.DWG
PLOTTED: 11/20/2017 1:15:22 PM, BY: JESSICA STEFANOWICZ PLOTSTYLE: PENNONI NCS.STB, PROJECT STATUS: ---

Map Scale: 1:2,990 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 40 80 160 240

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Montgomery County, Pennsylvania
Survey Area Data: Version 11, Oct 4, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

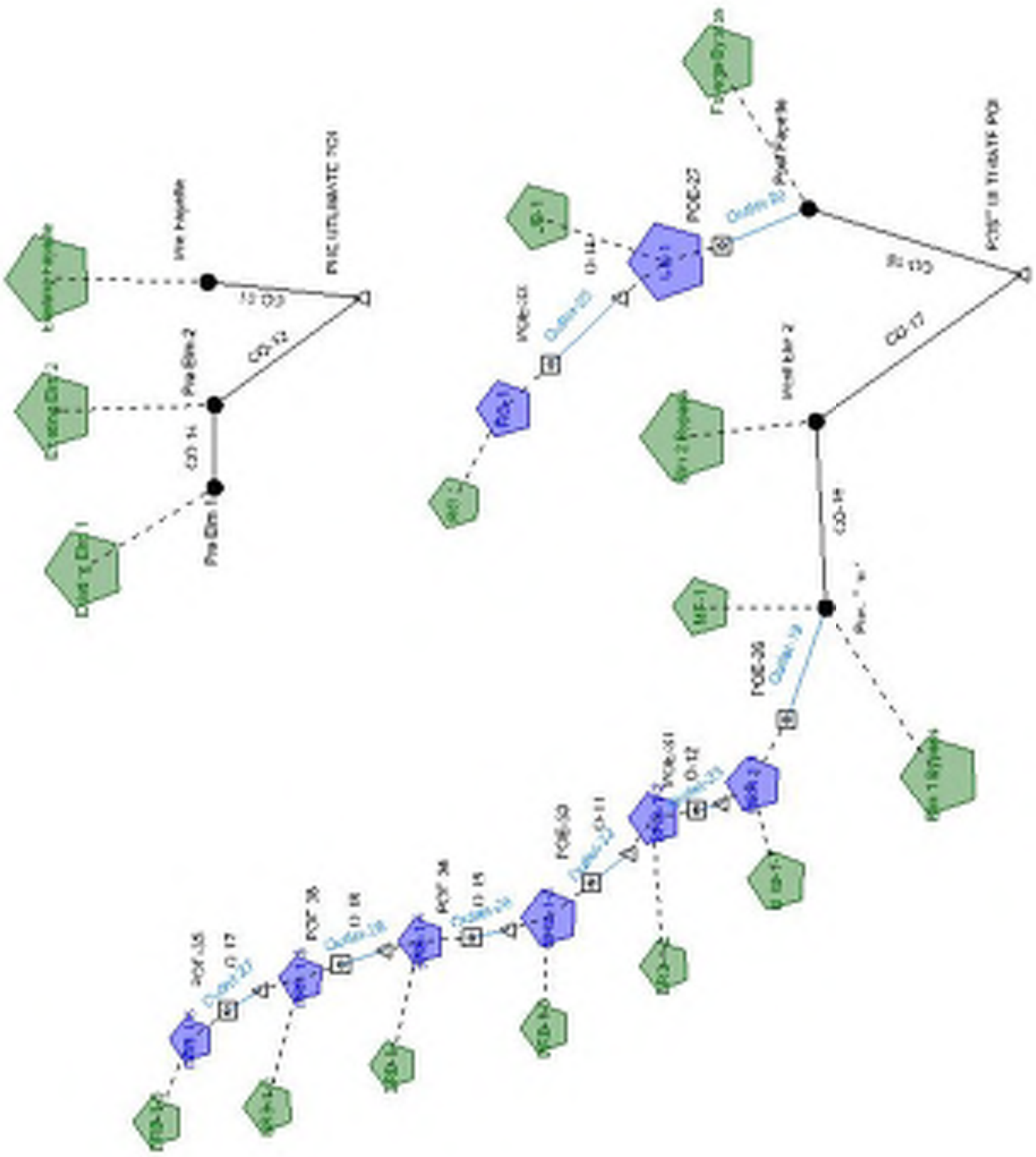
Date(s) aerial images were photographed: Jul 25, 2014—Aug 11, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UgB	Urban land, 0 to 8 percent slopes	3.1	9.3%
UugB	Urban land-Udorthents, schist and gneiss complex, 0 to 8 percent slopes	3.9	11.5%
UugD	Urban land-Udorthents, schist and gneiss complex, 8 to 25 percent slopes	26.6	79.2%
Totals for Area of Interest		**33.7**	**100.0%**

APPENDIX B – STORMWATER RUNOFF CALCULATIONS



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SORA WEST

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
MF-1	Synthetic Curve, 1 yrs	1	7,936.000	11.920	3.148
MF-1	Synthetic Curve, 2 yrs	2	9,868.000	11.920	3.861
MF-1	Synthetic Curve, 5 yrs	5	12,673.000	11.920	4.894
MF-1	Synthetic Curve, 10 yrs	10	15,016.000	11.920	5.751
MF-1	Synthetic Curve, 25 yrs	25	18,366.000	11.920	6.971
MF-1	Synthetic Curve, 50 yrs	50	21,217.000	11.920	8.006
MF-1	Synthetic Curve, 100 yrs	100	24,270.000	11.920	9.113
Existing Elm 1	Synthetic Curve, 1 yrs	1	11,858.000	11.920	4.946
Existing Elm 1	Synthetic Curve, 2 yrs	2	15,083.000	11.920	6.207
Existing Elm 1	Synthetic Curve, 5 yrs	5	19,804.000	11.920	8.019
Existing Elm 1	Synthetic Curve, 10 yrs	10	23,764.000	11.920	9.518
Existing Elm 1	Synthetic Curve, 25 yrs	25	29,448.000	11.920	11.647
Existing Elm 1	Synthetic Curve, 50 yrs	50	34,295.000	11.920	13.446
Existing Elm 1	Synthetic Curve, 100 yrs	100	39,494.000	11.920	15.366
Existing Elm 2	Synthetic Curve, 1 yrs	1	1,198.000	11.930	0.517
Existing Elm 2	Synthetic Curve, 2 yrs	2	1,660.000	11.920	0.720
Existing Elm 2	Synthetic Curve, 5 yrs	5	2,369.000	11.920	1.026
Existing Elm 2	Synthetic Curve, 10 yrs	10	2,985.000	11.920	1.286
Existing Elm 2	Synthetic Curve, 25 yrs	25	3,889.000	11.920	1.662
Existing Elm 2	Synthetic Curve, 50 yrs	50	4,675.000	11.920	1.983
Existing Elm 2	Synthetic Curve, 100 yrs	100	5,527.000	11.920	2.326
Existing Fayette	Synthetic Curve, 1 yrs	1	16,586.000	11.940	6.611
Existing Fayette	Synthetic Curve, 2 yrs	2	21,418.000	11.940	8.444

SORA WEST

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
Existing Fayette	Synthetic Curve, 5 yrs	5	28,540.000	11.940	11.087
Existing Fayette	Synthetic Curve, 10 yrs	10	34,542.000	11.940	13.277
Existing Fayette	Synthetic Curve, 25 yrs	25	43,182.000	11.940	16.385
Existing Fayette	Synthetic Curve, 50 yrs	50	50,566.000	11.940	19.011
Existing Fayette	Synthetic Curve, 100 yrs	100	58,498.000	11.940	21.809
Elm 1 Bypass	Synthetic Curve, 1 yrs	1	2,838.000	11.920	1.149
Elm 1 Bypass	Synthetic Curve, 2 yrs	2	3,556.000	11.920	1.420
Elm 1 Bypass	Synthetic Curve, 5 yrs	5	4,601.000	11.920	1.810
Elm 1 Bypass	Synthetic Curve, 10 yrs	10	5,474.000	11.920	2.133
Elm 1 Bypass	Synthetic Curve, 25 yrs	25	6,725.000	11.920	2.593
Elm 1 Bypass	Synthetic Curve, 50 yrs	50	7,789.000	11.920	2.982
Elm 1 Bypass	Synthetic Curve, 100 yrs	100	8,930.000	11.920	3.398
Elm 2 Bypass	Synthetic Curve, 1 yrs	1	1,591.000	11.920	0.615
Elm 2 Bypass	Synthetic Curve, 2 yrs	2	1,963.000	11.920	0.752
Elm 2 Bypass	Synthetic Curve, 5 yrs	5	2,503.000	11.920	0.948
Elm 2 Bypass	Synthetic Curve, 10 yrs	10	2,953.000	11.920	1.112
Elm 2 Bypass	Synthetic Curve, 25 yrs	25	3,597.000	11.920	1.345
Elm 2 Bypass	Synthetic Curve, 50 yrs	50	4,144.000	11.920	1.543
Elm 2 Bypass	Synthetic Curve, 100 yrs	100	4,730.000	11.920	1.754
Fayette Bypass	Synthetic Curve, 1 yrs	1	2,988.000	11.920	1.230
Fayette Bypass	Synthetic Curve, 2 yrs	2	3,772.000	11.920	1.531
Fayette Bypass	Synthetic Curve, 5 yrs	5	4,917.000	11.920	1.964
Fayette Bypass	Synthetic Curve, 10 yrs	10	5,875.000	11.920	2.323

SORA WEST

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft^3)	Time to Peak (hours)	Peak Flow (ft^3/s)
Fayette Bypass	Synthetic Curve, 25 yrs	25	7,249.000	11.920	2.832
Fayette Bypass	Synthetic Curve, 50 yrs	50	8,419.000	11.920	3.263
Fayette Bypass	Synthetic Curve, 100 yrs	100	9,673.000	11.920	3.724
BRB-1-1	Synthetic Curve, 1 yrs	1	35.000	11.930	0.014
BRB-1-1	Synthetic Curve, 2 yrs	2	53.000	11.930	0.022
BRB-1-1	Synthetic Curve, 5 yrs	5	81.000	11.930	0.035
BRB-1-1	Synthetic Curve, 10 yrs	10	106.000	11.930	0.046
BRB-1-1	Synthetic Curve, 25 yrs	25	144.000	11.920	0.062
BRB-1-1	Synthetic Curve, 50 yrs	50	177.000	11.920	0.077
BRB-1-1	Synthetic Curve, 100 yrs	100	214.000	11.920	0.092
UB-1	Synthetic Curve, 1 yrs	1	12,856.000	11.920	5.421
UB-1	Synthetic Curve, 2 yrs	2	16,476.000	11.920	6.859
UB-1	Synthetic Curve, 5 yrs	5	21,793.000	11.920	8.928
UB-1	Synthetic Curve, 10 yrs	10	26,264.000	11.920	10.641
UB-1	Synthetic Curve, 25 yrs	25	32,688.000	11.920	13.071
UB-1	Synthetic Curve, 50 yrs	50	38,173.000	11.920	15.125
UB-1	Synthetic Curve, 100 yrs	100	44,059.000	11.920	17.315
BRB-1-3	Synthetic Curve, 1 yrs	1	59.000	11.930	0.024
BRB-1-3	Synthetic Curve, 2 yrs	2	88.000	11.930	0.037
BRB-1-3	Synthetic Curve, 5 yrs	5	134.000	11.930	0.058
BRB-1-3	Synthetic Curve, 10 yrs	10	176.000	11.930	0.076
BRB-1-3	Synthetic Curve, 25 yrs	25	239.000	11.920	0.103
BRB-1-3	Synthetic Curve, 50 yrs	50	295.000	11.920	0.127

SORA WEST

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft^3)	Time to Peak (hours)	Peak Flow (ft^3/s)
BRB-1-3	Synthetic Curve, 100 yrs	100	356.000	11.920	0.153
BRB-1-2	Synthetic Curve, 1 yrs	1	49.000	11.930	0.020
BRB-1-2	Synthetic Curve, 2 yrs	2	72.000	11.930	0.031
BRB-1-2	Synthetic Curve, 5 yrs	5	111.000	11.930	0.048
BRB-1-2	Synthetic Curve, 10 yrs	10	145.000	11.930	0.063
BRB-1-2	Synthetic Curve, 25 yrs	25	197.000	11.920	0.085
BRB-1-2	Synthetic Curve, 50 yrs	50	243.000	11.920	0.105
BRB-1-2	Synthetic Curve, 100 yrs	100	294.000	11.920	0.127
RG-1	Synthetic Curve, 1 yrs	1	1,954.000	11.920	0.841
RG-1	Synthetic Curve, 2 yrs	2	2,561.000	11.920	1.091
RG-1	Synthetic Curve, 5 yrs	5	3,464.000	11.920	1.456
RG-1	Synthetic Curve, 10 yrs	10	4,229.000	11.920	1.759
RG-1	Synthetic Curve, 25 yrs	25	5,334.000	11.920	2.190
RG-1	Synthetic Curve, 50 yrs	50	6,281.000	11.920	2.554
RG-1	Synthetic Curve, 100 yrs	100	7,300.000	11.920	2.941
BRB-1-4	Synthetic Curve, 1 yrs	1	60.000	11.930	0.024
BRB-1-4	Synthetic Curve, 2 yrs	2	89.000	11.930	0.038
BRB-1-4	Synthetic Curve, 5 yrs	5	137.000	11.930	0.059
BRB-1-4	Synthetic Curve, 10 yrs	10	179.000	11.930	0.078
BRB-1-4	Synthetic Curve, 25 yrs	25	244.000	11.920	0.106
BRB-1-4	Synthetic Curve, 50 yrs	50	300.000	11.920	0.130
BRB-1-4	Synthetic Curve, 100 yrs	100	363.000	11.920	0.156
BRB-1-6	Synthetic Curve, 1 yrs	1	2,197.000	11.920	0.872

SORA WEST

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
BRB-1-6	Synthetic Curve, 2 yrs	2	2,732.000	11.920	1.069
BRB-1-6	Synthetic Curve, 5 yrs	5	3,509.000	11.920	1.355
BRB-1-6	Synthetic Curve, 10 yrs	10	4,158.000	11.920	1.592
BRB-1-6	Synthetic Curve, 25 yrs	25	5,085.000	11.920	1.930
BRB-1-6	Synthetic Curve, 50 yrs	50	5,874.000	11.920	2.217
BRB-1-6	Synthetic Curve, 100 yrs	100	6,720.000	11.920	2.523
BRB-1-5	Synthetic Curve, 1 yrs	1	43.000	11.930	0.017
BRB-1-5	Synthetic Curve, 2 yrs	2	64.000	11.930	0.027
BRB-1-5	Synthetic Curve, 5 yrs	5	98.000	11.930	0.042
BRB-1-5	Synthetic Curve, 10 yrs	10	128.000	11.930	0.056
BRB-1-5	Synthetic Curve, 25 yrs	25	174.000	11.920	0.076
BRB-1-5	Synthetic Curve, 50 yrs	50	215.000	11.920	0.093
BRB-1-5	Synthetic Curve, 100 yrs	100	260.000	11.920	0.112

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
PRE UTLIMATE POI	Synthetic Curve, 1 yrs	1	29,642.000	11.930	11.986
PRE UTLIMATE POI	Synthetic Curve, 2 yrs	2	38,161.000	11.930	15.262
PRE UTLIMATE POI	Synthetic Curve, 5 yrs	5	50,713.000	11.930	19.995
PRE UTLIMATE POI	Synthetic Curve, 10 yrs	10	61,291.000	11.930	23.921
PRE UTLIMATE POI	Synthetic Curve, 25 yrs	25	76,520.000	11.930	29.499
PRE UTLIMATE POI	Synthetic Curve, 50 yrs	50	89,535.000	11.930	34.217
PRE UTLIMATE POI	Synthetic Curve, 100 yrs	100	103,519.000	11.930	39.247

SORA WEST

Subsection: Master Network Summary

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
POST ULTIMATE POI	Synthetic Curve, 1 yrs	1	21,057.000	11.920	6.688
POST ULTIMATE POI	Synthetic Curve, 2 yrs	2	28,035.000	11.920	8.471
POST ULTIMATE POI	Synthetic Curve, 5 yrs	5	38,722.000	11.930	11.305
POST ULTIMATE POI	Synthetic Curve, 10 yrs	10	48,128.000	11.990	14.386
POST ULTIMATE POI	Synthetic Curve, 25 yrs	25	61,908.000	11.940	19.507
POST ULTIMATE POI	Synthetic Curve, 50 yrs	50	73,869.000	11.940	23.590
POST ULTIMATE POI	Synthetic Curve, 100 yrs	100	86,910.000	11.940	28.076
Pre Fayette	Synthetic Curve, 1 yrs	1	16,586.000	11.940	6.611
Pre Fayette	Synthetic Curve, 2 yrs	2	21,418.000	11.940	8.444
Pre Fayette	Synthetic Curve, 5 yrs	5	28,540.000	11.940	11.087
Pre Fayette	Synthetic Curve, 10 yrs	10	34,542.000	11.940	13.277
Pre Fayette	Synthetic Curve, 25 yrs	25	43,182.000	11.940	16.385
Pre Fayette	Synthetic Curve, 50 yrs	50	50,566.000	11.940	19.011
Pre Fayette	Synthetic Curve, 100 yrs	100	58,498.000	11.940	21.809
Pre Elm 2	Synthetic Curve, 1 yrs	1	13,056.000	11.920	5.462
Pre Elm 2	Synthetic Curve, 2 yrs	2	16,743.000	11.920	6.926
Pre Elm 2	Synthetic Curve, 5 yrs	5	22,173.000	11.920	9.044
Pre Elm 2	Synthetic Curve, 10 yrs	10	26,749.000	11.920	10.804
Pre Elm 2	Synthetic Curve, 25 yrs	25	33,338.000	11.920	13.309
Pre Elm 2	Synthetic Curve, 50 yrs	50	38,969.000	11.920	15.429
Pre Elm 2	Synthetic Curve, 100 yrs	100	45,021.000	11.920	17.692
Pre Elm 1	Synthetic Curve, 1 yrs	1	11,858.000	11.920	4.946
Pre Elm 1	Synthetic Curve, 2 yrs	2	15,083.000	11.920	6.207

SORA WEST

Subsection: Master Network Summary

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
Pre Elm 1	Synthetic Curve, 5 yrs	5	19,804.000	11.920	8.019
Pre Elm 1	Synthetic Curve, 10 yrs	10	23,764.000	11.920	9.518
Pre Elm 1	Synthetic Curve, 25 yrs	25	29,448.000	11.920	11.647
Pre Elm 1	Synthetic Curve, 50 yrs	50	34,295.000	11.920	13.446
Pre Elm 1	Synthetic Curve, 100 yrs	100	39,494.000	11.920	15.366
Post Fayette	Synthetic Curve, 1 yrs	1	8,122.000	12.010	1.899
Post Fayette	Synthetic Curve, 2 yrs	2	11,530.000	12.020	2.816
Post Fayette	Synthetic Curve, 5 yrs	5	16,975.000	12.020	4.333
Post Fayette	Synthetic Curve, 10 yrs	10	21,971.000	12.030	5.692
Post Fayette	Synthetic Curve, 25 yrs	25	29,388.000	12.030	8.503
Post Fayette	Synthetic Curve, 50 yrs	50	35,915.000	12.030	11.031
Post Fayette	Synthetic Curve, 100 yrs	100	43,119.000	12.020	13.483
Post Elm 1	Synthetic Curve, 1 yrs	1	11,344.000	11.920	4.297
Post Elm 1	Synthetic Curve, 2 yrs	2	14,542.000	11.920	5.282
Post Elm 1	Synthetic Curve, 5 yrs	5	19,243.000	11.920	6.704
Post Elm 1	Synthetic Curve, 10 yrs	10	23,204.000	11.990	8.136
Post Elm 1	Synthetic Curve, 25 yrs	25	28,924.000	11.920	11.836
Post Elm 1	Synthetic Curve, 50 yrs	50	33,811.000	11.920	13.478
Post Elm 1	Synthetic Curve, 100 yrs	100	39,061.000	11.920	15.383
Post Elm 2	Synthetic Curve, 1 yrs	1	12,936.000	11.920	4.912
Post Elm 2	Synthetic Curve, 2 yrs	2	16,505.000	11.920	6.033
Post Elm 2	Synthetic Curve, 5 yrs	5	21,746.000	11.920	7.652
Post Elm 2	Synthetic Curve, 10 yrs	10	26,157.000	11.990	9.021

SORA WEST

Subsection: Master Network Summary

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
Post Elm 2	Synthetic Curve, 25 yrs	25	32,520.000	11.920	13.181
Post Elm 2	Synthetic Curve, 50 yrs	50	37,955.000	11.920	15.021
Post Elm 2	Synthetic Curve, 100 yrs	100	43,791.000	11.920	17.138

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
BRB-1-1 (IN)	Synthetic Curve, 1 yrs	1	762.000	13.640	0.095	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 1 yrs	1	569.000	13.640	0.094	100.51	162.000
BRB-1-1 (IN)	Synthetic Curve, 2 yrs	2	1,317.000	13.290	0.129	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 2 yrs	2	1,118.000	13.290	0.128	100.51	162.000
BRB-1-1 (IN)	Synthetic Curve, 5 yrs	5	2,176.000	12.050	1.140	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 5 yrs	5	1,969.000	12.070	1.085	100.56	176.000
BRB-1-1 (IN)	Synthetic Curve, 10 yrs	10	2,928.000	11.980	1.741	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 10 yrs	10	2,714.000	11.990	1.835	100.61	187.000
BRB-1-1 (IN)	Synthetic Curve, 25 yrs	25	4,053.000	11.950	2.296	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 25 yrs	25	3,833.000	11.950	2.290	100.63	194.000
BRB-1-1 (IN)	Synthetic Curve, 50 yrs	50	5,028.000	11.950	2.673	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 50 yrs	50	4,805.000	11.950	2.668	100.66	199.000
BRB-1-1 (IN)	Synthetic Curve, 100 yrs	100	6,087.000	11.950	3.079	(N/A)	(N/A)
BRB-1-1 (OUT)	Synthetic Curve, 100 yrs	100	5,861.000	11.950	3.073	100.68	205.000
UB-1 (IN)	Synthetic Curve, 1 yrs	1	12,856.000	11.920	5.421	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 1 yrs	1	5,133.000	12.100	1.102	110.97	5,653.000

SORA WEST

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
UB-1 (IN)	Synthetic Curve, 2 yrs	2	16,476.000	11.920	6.859	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 2 yrs	2	7,757.000	12.080	1.917	111.15	7,110.000
UB-1 (IN)	Synthetic Curve, 5 yrs	5	22,101.000	11.920	8.928	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 5 yrs	5	12,059.000	12.070	3.106	111.38	8,966.000
UB-1 (IN)	Synthetic Curve, 10 yrs	10	27,116.000	11.920	10.641	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 10 yrs	10	16,096.000	12.070	4.444	111.61	10,584.000
UB-1 (IN)	Synthetic Curve, 25 yrs	25	34,367.000	11.940	13.163	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 25 yrs	25	22,139.000	12.060	6.834	111.97	12,483.000
UB-1 (IN)	Synthetic Curve, 50 yrs	50	40,590.000	11.930	16.595	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 50 yrs	50	27,496.000	12.050	9.022	112.29	13,952.000
UB-1 (IN)	Synthetic Curve, 100 yrs	100	47,310.000	11.920	19.637	(N/A)	(N/A)
UB-1 (OUT)	Synthetic Curve, 100 yrs	100	33,446.000	12.050	10.996	112.62	15,458.000
BRB-1-2 (IN)	Synthetic Curve, 1 yrs	1	987.000	13.020	0.113	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 1 yrs	1	727.000	13.640	0.094	103.54	317.000
BRB-1-2 (IN)	Synthetic Curve, 2 yrs	2	1,539.000	12.070	0.608	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 2 yrs	2	1,265.000	13.290	0.128	103.68	377.000
BRB-1-2 (IN)	Synthetic Curve, 5 yrs	5	2,387.000	11.970	1.417	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 5 yrs	5	2,095.000	12.050	1.118	103.81	433.000
BRB-1-2 (IN)	Synthetic Curve, 10 yrs	10	3,135.000	11.940	1.815	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 10 yrs	10	2,822.000	11.980	1.700	103.85	449.000
BRB-1-2 (IN)	Synthetic Curve, 25 yrs	25	4,232.000	11.940	2.247	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 25 yrs	25	3,909.000	11.950	2.236	103.88	464.000

SORA WEST

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
BRB-1-2 (IN)	Synthetic Curve, 50 yrs	50	5,180.000	11.940	2.613	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 50 yrs	50	4,851.000	11.950	2.601	103.91	474.000
BRB-1-2 (IN)	Synthetic Curve, 100 yrs	100	6,210.000	11.940	3.005	(N/A)	(N/A)
BRB-1-2 (OUT)	Synthetic Curve, 100 yrs	100	5,873.000	11.950	2.992	103.93	485.000
BRB-1-3 (IN)	Synthetic Curve, 1 yrs	1	1,336.000	12.010	0.735	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 1 yrs	1	938.000	13.030	0.112	106.62	452.000
BRB-1-3 (IN)	Synthetic Curve, 2 yrs	2	1,900.000	11.940	1.133	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 2 yrs	2	1,467.000	12.070	0.594	106.78	543.000
BRB-1-3 (IN)	Synthetic Curve, 5 yrs	5	2,760.000	11.930	1.487	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 5 yrs	5	2,277.000	11.970	1.373	106.83	571.000
BRB-1-3 (IN)	Synthetic Curve, 10 yrs	10	3,494.000	11.930	1.773	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 10 yrs	10	2,990.000	11.940	1.753	106.85	585.000
BRB-1-3 (IN)	Synthetic Curve, 25 yrs	25	4,559.000	11.930	2.182	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 25 yrs	25	4,035.000	11.940	2.163	106.88	599.000
BRB-1-3 (IN)	Synthetic Curve, 50 yrs	50	5,478.000	11.930	2.531	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 50 yrs	50	4,937.000	11.940	2.510	106.90	612.000
BRB-1-3 (IN)	Synthetic Curve, 100 yrs	100	6,472.000	11.930	2.906	(N/A)	(N/A)
BRB-1-3 (OUT)	Synthetic Curve, 100 yrs	100	5,916.000	11.940	2.882	106.92	625.000
RG-1 (IN)	Synthetic Curve, 1 yrs	1	1,954.000	11.920	0.841	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 1 yrs	1	0.000	0.000	0.000	120.35	972.000
RG-1 (IN)	Synthetic Curve, 2 yrs	2	2,561.000	11.920	1.091	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 2 yrs	2	0.000	0.000	0.000	120.57	1,355.000

SORA WEST

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
RG-1 (IN)	Synthetic Curve, 5 yrs	5	3,464.000	11.920	1.456	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 5 yrs	5	308.000	12.280	0.137	120.74	1,670.000
RG-1 (IN)	Synthetic Curve, 10 yrs	10	4,229.000	11.920	1.759	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 10 yrs	10	852.000	12.060	0.833	120.80	1,770.000
RG-1 (IN)	Synthetic Curve, 25 yrs	25	5,334.000	11.920	2.190	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 25 yrs	25	1,678.000	12.020	1.588	120.86	1,879.000
RG-1 (IN)	Synthetic Curve, 50 yrs	50	6,281.000	11.920	2.554	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 50 yrs	50	2,417.000	11.980	2.078	120.90	1,949.000
RG-1 (IN)	Synthetic Curve, 100 yrs	100	7,300.000	11.920	2.941	(N/A)	(N/A)
RG-1 (OUT)	Synthetic Curve, 100 yrs	100	3,251.000	11.960	2.586	120.94	2,022.000
BRB-1-4 (IN)	Synthetic Curve, 1 yrs	1	1,767.000	11.930	0.905	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 1 yrs	1	1,277.000	12.010	0.712	109.79	560.000
BRB-1-4 (IN)	Synthetic Curve, 2 yrs	2	2,335.000	11.930	1.124	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 2 yrs	2	1,812.000	11.940	1.096	109.81	574.000
BRB-1-4 (IN)	Synthetic Curve, 5 yrs	5	3,175.000	11.930	1.445	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 5 yrs	5	2,626.000	11.930	1.430	109.83	586.000
BRB-1-4 (IN)	Synthetic Curve, 10 yrs	10	3,886.000	11.930	1.714	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 10 yrs	10	3,318.000	11.930	1.697	109.85	596.000
BRB-1-4 (IN)	Synthetic Curve, 25 yrs	25	4,912.000	11.920	2.098	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 25 yrs	25	4,320.000	11.930	2.079	109.87	610.000
BRB-1-4 (IN)	Synthetic Curve, 50 yrs	50	5,791.000	11.920	2.425	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 50 yrs	50	5,183.000	11.930	2.404	109.89	621.000

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
BRB-1-4 (IN)	Synthetic Curve, 100 yrs	100	6,738.000	11.920	2.776	(N/A)	(N/A)
BRB-1-4 (OUT)	Synthetic Curve, 100 yrs	100	6,116.000	11.930	2.753	109.92	634.000
BRB-1-5 (IN)	Synthetic Curve, 1 yrs	1	2,046.000	11.920	0.887	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 1 yrs	1	1,707.000	11.930	0.880	112.80	324.000
BRB-1-5 (IN)	Synthetic Curve, 2 yrs	2	2,598.000	11.920	1.094	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 2 yrs	2	2,245.000	11.930	1.087	112.81	329.000
BRB-1-5 (IN)	Synthetic Curve, 5 yrs	5	3,405.000	11.920	1.395	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 5 yrs	5	3,039.000	11.930	1.386	112.83	335.000
BRB-1-5 (IN)	Synthetic Curve, 10 yrs	10	4,082.000	11.920	1.646	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 10 yrs	10	3,707.000	11.930	1.636	112.85	340.000
BRB-1-5 (IN)	Synthetic Curve, 25 yrs	25	5,054.000	11.920	2.004	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 25 yrs	25	4,669.000	11.930	1.993	112.87	348.000
BRB-1-5 (IN)	Synthetic Curve, 50 yrs	50	5,883.000	11.920	2.308	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 50 yrs	50	5,491.000	11.920	2.296	112.89	354.000
BRB-1-5 (IN)	Synthetic Curve, 100 yrs	100	6,772.000	11.920	2.634	(N/A)	(N/A)
BRB-1-5 (OUT)	Synthetic Curve, 100 yrs	100	6,375.000	11.920	2.620	112.91	361.000
BRB-1-6 (IN)	Synthetic Curve, 1 yrs	1	2,197.000	11.920	0.872	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 1 yrs	1	2,003.000	11.920	0.870	115.80	159.000
BRB-1-6 (IN)	Synthetic Curve, 2 yrs	2	2,732.000	11.920	1.069	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 2 yrs	2	2,534.000	11.920	1.067	115.81	161.000
BRB-1-6 (IN)	Synthetic Curve, 5 yrs	5	3,509.000	11.920	1.355	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 5 yrs	5	3,307.000	11.920	1.353	115.83	164.000

SORA WEST

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft^3)	Time to Peak (hours)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft^3)
BRB-1-6 (IN)	Synthetic Curve, 10 yrs	10	4,158.000	11.920	1.592	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 10 yrs	10	3,954.000	11.920	1.591	115.84	166.000
BRB-1-6 (IN)	Synthetic Curve, 25 yrs	25	5,085.000	11.920	1.930	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 25 yrs	25	4,879.000	11.920	1.929	115.86	170.000
BRB-1-6 (IN)	Synthetic Curve, 50 yrs	50	5,874.000	11.920	2.217	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 50 yrs	50	5,667.000	11.920	2.215	115.88	173.000
BRB-1-6 (IN)	Synthetic Curve, 100 yrs	100	6,720.000	11.920	2.523	(N/A)	(N/A)
BRB-1-6 (OUT)	Synthetic Curve, 100 yrs	100	6,512.000	11.920	2.522	115.90	176.000

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 100 yrs

Return Event: 100 years
Storm Event: 100-Yr

Time-Depth Curve: 100-Yr	
Label	100-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.1	0.1	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.2
2.000	0.2	0.2	0.2	0.2	0.2
2.500	0.2	0.2	0.2	0.2	0.3
3.000	0.3	0.3	0.3	0.3	0.3
3.500	0.3	0.3	0.3	0.3	0.4
4.000	0.4	0.4	0.4	0.4	0.4
4.500	0.4	0.4	0.4	0.5	0.5
5.000	0.5	0.5	0.5	0.5	0.5
5.500	0.5	0.6	0.6	0.6	0.6
6.000	0.6	0.6	0.6	0.6	0.7
6.500	0.7	0.7	0.7	0.7	0.7
7.000	0.8	0.8	0.8	0.8	0.8
7.500	0.8	0.8	0.9	0.9	0.9
8.000	0.9	0.9	0.9	1.0	1.0
8.500	1.0	1.0	1.0	1.1	1.1
9.000	1.1	1.1	1.2	1.2	1.2
9.500	1.2	1.3	1.3	1.3	1.3
10.000	1.4	1.4	1.4	1.5	1.5
10.500	1.5	1.6	1.6	1.7	1.7
11.000	1.8	1.8	1.9	2.0	2.1
11.500	2.1	2.3	2.7	3.3	4.3
12.000	5.0	5.2	5.3	5.4	5.5
12.500	5.6	5.6	5.7	5.8	5.8
13.000	5.9	5.9	5.9	6.0	6.0
13.500	6.1	6.1	6.1	6.2	6.2
14.000	6.2	6.2	6.3	6.3	6.3
14.500	6.3	6.4	6.4	6.4	6.4
15.000	6.5	6.5	6.5	6.5	6.6
15.500	6.6	6.6	6.6	6.6	6.7
16.000	6.7	6.7	6.7	6.7	6.7
16.500	6.8	6.8	6.8	6.8	6.8

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 100 yrs

Return Event: 100 years
Storm Event: 100-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	6.8	6.9	6.9	6.9	6.9
17.500	6.9	6.9	6.9	7.0	7.0
18.000	7.0	7.0	7.0	7.0	7.0
18.500	7.0	7.1	7.1	7.1	7.1
19.000	7.1	7.1	7.1	7.1	7.2
19.500	7.2	7.2	7.2	7.2	7.2
20.000	7.2	7.2	7.2	7.2	7.3
20.500	7.3	7.3	7.3	7.3	7.3
21.000	7.3	7.3	7.3	7.3	7.4
21.500	7.4	7.4	7.4	7.4	7.4
22.000	7.4	7.4	7.4	7.4	7.4
22.500	7.5	7.5	7.5	7.5	7.5
23.000	7.5	7.5	7.5	7.5	7.5
23.500	7.5	7.5	7.6	7.6	7.6
24.000	7.6	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: 10-Yr

Time-Depth Curve: 10-Yr	
Label	10-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	10 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.2	0.2
3.000	0.2	0.2	0.2	0.2	0.2
3.500	0.2	0.2	0.2	0.2	0.2
4.000	0.2	0.2	0.2	0.3	0.3
4.500	0.3	0.3	0.3	0.3	0.3
5.000	0.3	0.3	0.3	0.3	0.3
5.500	0.3	0.4	0.4	0.4	0.4
6.000	0.4	0.4	0.4	0.4	0.4
6.500	0.4	0.4	0.4	0.5	0.5
7.000	0.5	0.5	0.5	0.5	0.5
7.500	0.5	0.5	0.5	0.6	0.6
8.000	0.6	0.6	0.6	0.6	0.6
8.500	0.6	0.7	0.7	0.7	0.7
9.000	0.7	0.7	0.7	0.8	0.8
9.500	0.8	0.8	0.8	0.8	0.9
10.000	0.9	0.9	0.9	0.9	1.0
10.500	1.0	1.0	1.0	1.1	1.1
11.000	1.1	1.2	1.2	1.3	1.3
11.500	1.4	1.5	1.7	2.1	2.7
12.000	3.2	3.3	3.4	3.4	3.5
12.500	3.5	3.6	3.6	3.7	3.7
13.000	3.7	3.7	3.8	3.8	3.8
13.500	3.9	3.9	3.9	3.9	3.9
14.000	4.0	4.0	4.0	4.0	4.0
14.500	4.0	4.1	4.1	4.1	4.1
15.000	4.1	4.1	4.1	4.2	4.2
15.500	4.2	4.2	4.2	4.2	4.2
16.000	4.2	4.3	4.3	4.3	4.3
16.500	4.3	4.3	4.3	4.3	4.3

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: 10-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	4.3	4.4	4.4	4.4	4.4
17.500	4.4	4.4	4.4	4.4	4.4
18.000	4.4	4.4	4.5	4.5	4.5
18.500	4.5	4.5	4.5	4.5	4.5
19.000	4.5	4.5	4.5	4.5	4.5
19.500	4.6	4.6	4.6	4.6	4.6
20.000	4.6	4.6	4.6	4.6	4.6
20.500	4.6	4.6	4.6	4.6	4.6
21.000	4.7	4.7	4.7	4.7	4.7
21.500	4.7	4.7	4.7	4.7	4.7
22.000	4.7	4.7	4.7	4.7	4.7
22.500	4.7	4.7	4.7	4.8	4.8
23.000	4.8	4.8	4.8	4.8	4.8
23.500	4.8	4.8	4.8	4.8	4.8
24.000	4.8	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Time-Depth Curve: 1-Yr	
Label	1-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	1 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.0	0.0	0.0
1.500	0.0	0.0	0.0	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.1	0.1	0.1
3.500	0.1	0.1	0.1	0.1	0.1
4.000	0.1	0.1	0.1	0.1	0.1
4.500	0.1	0.2	0.2	0.2	0.2
5.000	0.2	0.2	0.2	0.2	0.2
5.500	0.2	0.2	0.2	0.2	0.2
6.000	0.2	0.2	0.2	0.2	0.2
6.500	0.2	0.2	0.3	0.3	0.3
7.000	0.3	0.3	0.3	0.3	0.3
7.500	0.3	0.3	0.3	0.3	0.3
8.000	0.3	0.3	0.3	0.3	0.3
8.500	0.4	0.4	0.4	0.4	0.4
9.000	0.4	0.4	0.4	0.4	0.4
9.500	0.4	0.4	0.5	0.5	0.5
10.000	0.5	0.5	0.5	0.5	0.5
10.500	0.6	0.6	0.6	0.6	0.6
11.000	0.6	0.7	0.7	0.7	0.7
11.500	0.8	0.8	1.0	1.2	1.5
12.000	1.8	1.8	1.9	1.9	2.0
12.500	2.0	2.0	2.0	2.0	2.1
13.000	2.1	2.1	2.1	2.1	2.1
13.500	2.2	2.2	2.2	2.2	2.2
14.000	2.2	2.2	2.2	2.2	2.3
14.500	2.3	2.3	2.3	2.3	2.3
15.000	2.3	2.3	2.3	2.3	2.3
15.500	2.3	2.3	2.4	2.4	2.4
16.000	2.4	2.4	2.4	2.4	2.4
16.500	2.4	2.4	2.4	2.4	2.4

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	2.4	2.4	2.4	2.5	2.5
17.500	2.5	2.5	2.5	2.5	2.5
18.000	2.5	2.5	2.5	2.5	2.5
18.500	2.5	2.5	2.5	2.5	2.5
19.000	2.5	2.5	2.5	2.5	2.5
19.500	2.6	2.6	2.6	2.6	2.6
20.000	2.6	2.6	2.6	2.6	2.6
20.500	2.6	2.6	2.6	2.6	2.6
21.000	2.6	2.6	2.6	2.6	2.6
21.500	2.6	2.6	2.6	2.6	2.6
22.000	2.6	2.6	2.6	2.6	2.7
22.500	2.7	2.7	2.7	2.7	2.7
23.000	2.7	2.7	2.7	2.7	2.7
23.500	2.7	2.7	2.7	2.7	2.7
24.000	2.7	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 25 yrs

Return Event: 25 years
Storm Event: 25-Yr

Time-Depth Curve: 25-Yr	
Label	25-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	25 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.2
2.500	0.2	0.2	0.2	0.2	0.2
3.000	0.2	0.2	0.2	0.2	0.2
3.500	0.2	0.2	0.3	0.3	0.3
4.000	0.3	0.3	0.3	0.3	0.3
4.500	0.3	0.3	0.3	0.3	0.4
5.000	0.4	0.4	0.4	0.4	0.4
5.500	0.4	0.4	0.4	0.4	0.5
6.000	0.5	0.5	0.5	0.5	0.5
6.500	0.5	0.5	0.5	0.6	0.6
7.000	0.6	0.6	0.6	0.6	0.6
7.500	0.6	0.6	0.7	0.7	0.7
8.000	0.7	0.7	0.7	0.7	0.8
8.500	0.8	0.8	0.8	0.8	0.8
9.000	0.9	0.9	0.9	0.9	0.9
9.500	0.9	1.0	1.0	1.0	1.0
10.000	1.1	1.1	1.1	1.1	1.2
10.500	1.2	1.2	1.3	1.3	1.3
11.000	1.4	1.4	1.5	1.5	1.6
11.500	1.6	1.8	2.1	2.5	3.3
12.000	3.9	4.0	4.1	4.1	4.2
12.500	4.3	4.3	4.4	4.4	4.5
13.000	4.5	4.5	4.6	4.6	4.6
13.500	4.7	4.7	4.7	4.7	4.8
14.000	4.8	4.8	4.8	4.8	4.9
14.500	4.9	4.9	4.9	4.9	4.9
15.000	5.0	5.0	5.0	5.0	5.0
15.500	5.0	5.1	5.1	5.1	5.1
16.000	5.1	5.1	5.1	5.2	5.2
16.500	5.2	5.2	5.2	5.2	5.2

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 25 yrs

Return Event: 25 years
Storm Event: 25-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	5.2	5.3	5.3	5.3	5.3
17.500	5.3	5.3	5.3	5.3	5.3
18.000	5.4	5.4	5.4	5.4	5.4
18.500	5.4	5.4	5.4	5.4	5.4
19.000	5.5	5.5	5.5	5.5	5.5
19.500	5.5	5.5	5.5	5.5	5.5
20.000	5.5	5.5	5.6	5.6	5.6
20.500	5.6	5.6	5.6	5.6	5.6
21.000	5.6	5.6	5.6	5.6	5.6
21.500	5.7	5.7	5.7	5.7	5.7
22.000	5.7	5.7	5.7	5.7	5.7
22.500	5.7	5.7	5.7	5.7	5.7
23.000	5.8	5.8	5.8	5.8	5.8
23.500	5.8	5.8	5.8	5.8	5.8
24.000	5.8	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time-Depth Curve: 2-Yr	
Label	2-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	2 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.0	0.0	0.0
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.1	0.1	0.1
3.500	0.1	0.1	0.1	0.1	0.2
4.000	0.2	0.2	0.2	0.2	0.2
4.500	0.2	0.2	0.2	0.2	0.2
5.000	0.2	0.2	0.2	0.2	0.2
5.500	0.2	0.2	0.2	0.3	0.3
6.000	0.3	0.3	0.3	0.3	0.3
6.500	0.3	0.3	0.3	0.3	0.3
7.000	0.3	0.3	0.3	0.3	0.4
7.500	0.4	0.4	0.4	0.4	0.4
8.000	0.4	0.4	0.4	0.4	0.4
8.500	0.4	0.4	0.5	0.5	0.5
9.000	0.5	0.5	0.5	0.5	0.5
9.500	0.5	0.5	0.6	0.6	0.6
10.000	0.6	0.6	0.6	0.6	0.7
10.500	0.7	0.7	0.7	0.7	0.7
11.000	0.8	0.8	0.8	0.9	0.9
11.500	0.9	1.0	1.2	1.4	1.9
12.000	2.2	2.2	2.3	2.3	2.4
12.500	2.4	2.4	2.5	2.5	2.5
13.000	2.5	2.6	2.6	2.6	2.6
13.500	2.6	2.6	2.7	2.7	2.7
14.000	2.7	2.7	2.7	2.7	2.7
14.500	2.7	2.8	2.8	2.8	2.8
15.000	2.8	2.8	2.8	2.8	2.8
15.500	2.8	2.9	2.9	2.9	2.9
16.000	2.9	2.9	2.9	2.9	2.9
16.500	2.9	2.9	2.9	2.9	3.0

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	3.0	3.0	3.0	3.0	3.0
17.500	3.0	3.0	3.0	3.0	3.0
18.000	3.0	3.0	3.0	3.0	3.0
18.500	3.0	3.1	3.1	3.1	3.1
19.000	3.1	3.1	3.1	3.1	3.1
19.500	3.1	3.1	3.1	3.1	3.1
20.000	3.1	3.1	3.1	3.1	3.1
20.500	3.1	3.1	3.2	3.2	3.2
21.000	3.2	3.2	3.2	3.2	3.2
21.500	3.2	3.2	3.2	3.2	3.2
22.000	3.2	3.2	3.2	3.2	3.2
22.500	3.2	3.2	3.2	3.2	3.2
23.000	3.2	3.2	3.3	3.3	3.3
23.500	3.3	3.3	3.3	3.3	3.3
24.000	3.3	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 50 yrs

Return Event: 50 years
Storm Event: 50-Yr

Time-Depth Curve: 50-Yr	
Label	50-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	50 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.1	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.2	0.2	0.2	0.2
2.500	0.2	0.2	0.2	0.2	0.2
3.000	0.2	0.2	0.2	0.3	0.3
3.500	0.3	0.3	0.3	0.3	0.3
4.000	0.3	0.3	0.3	0.3	0.4
4.500	0.4	0.4	0.4	0.4	0.4
5.000	0.4	0.4	0.4	0.5	0.5
5.500	0.5	0.5	0.5	0.5	0.5
6.000	0.5	0.5	0.6	0.6	0.6
6.500	0.6	0.6	0.6	0.6	0.6
7.000	0.7	0.7	0.7	0.7	0.7
7.500	0.7	0.7	0.8	0.8	0.8
8.000	0.8	0.8	0.8	0.8	0.9
8.500	0.9	0.9	0.9	0.9	1.0
9.000	1.0	1.0	1.0	1.0	1.1
9.500	1.1	1.1	1.1	1.2	1.2
10.000	1.2	1.2	1.3	1.3	1.3
10.500	1.4	1.4	1.4	1.5	1.5
11.000	1.6	1.6	1.7	1.7	1.8
11.500	1.9	2.0	2.4	2.9	3.8
12.000	4.4	4.5	4.7	4.8	4.8
12.500	4.9	5.0	5.0	5.1	5.1
13.000	5.1	5.2	5.2	5.3	5.3
13.500	5.3	5.4	5.4	5.4	5.4
14.000	5.5	5.5	5.5	5.5	5.6
14.500	5.6	5.6	5.6	5.7	5.7
15.000	5.7	5.7	5.7	5.8	5.8
15.500	5.8	5.8	5.8	5.8	5.9
16.000	5.9	5.9	5.9	5.9	5.9
16.500	5.9	6.0	6.0	6.0	6.0

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 50 yrs

Return Event: 50 years
Storm Event: 50-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	6.0	6.0	6.0	6.1	6.1
17.500	6.1	6.1	6.1	6.1	6.1
18.000	6.1	6.2	6.2	6.2	6.2
18.500	6.2	6.2	6.2	6.2	6.2
19.000	6.3	6.3	6.3	6.3	6.3
19.500	6.3	6.3	6.3	6.3	6.3
20.000	6.3	6.4	6.4	6.4	6.4
20.500	6.4	6.4	6.4	6.4	6.4
21.000	6.4	6.4	6.5	6.5	6.5
21.500	6.5	6.5	6.5	6.5	6.5
22.000	6.5	6.5	6.5	6.5	6.5
22.500	6.6	6.6	6.6	6.6	6.6
23.000	6.6	6.6	6.6	6.6	6.6
23.500	6.6	6.6	6.6	6.7	6.7
24.000	6.7	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 5 yrs

Return Event: 5 years
Storm Event: 5-Yr

Time-Depth Curve: 5-Yr	
Label	5-Yr
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	5 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.2	0.2	0.2
3.500	0.2	0.2	0.2	0.2	0.2
4.000	0.2	0.2	0.2	0.2	0.2
4.500	0.2	0.2	0.2	0.2	0.3
5.000	0.3	0.3	0.3	0.3	0.3
5.500	0.3	0.3	0.3	0.3	0.3
6.000	0.3	0.3	0.3	0.4	0.4
6.500	0.4	0.4	0.4	0.4	0.4
7.000	0.4	0.4	0.4	0.4	0.4
7.500	0.5	0.5	0.5	0.5	0.5
8.000	0.5	0.5	0.5	0.5	0.5
8.500	0.5	0.6	0.6	0.6	0.6
9.000	0.6	0.6	0.6	0.6	0.7
9.500	0.7	0.7	0.7	0.7	0.7
10.000	0.7	0.8	0.8	0.8	0.8
10.500	0.8	0.9	0.9	0.9	0.9
11.000	1.0	1.0	1.0	1.1	1.1
11.500	1.2	1.3	1.5	1.8	2.3
12.000	2.7	2.8	2.9	2.9	3.0
12.500	3.0	3.1	3.1	3.1	3.2
13.000	3.2	3.2	3.2	3.3	3.3
13.500	3.3	3.3	3.3	3.3	3.4
14.000	3.4	3.4	3.4	3.4	3.4
14.500	3.5	3.5	3.5	3.5	3.5
15.000	3.5	3.5	3.5	3.6	3.6
15.500	3.6	3.6	3.6	3.6	3.6
16.000	3.6	3.6	3.6	3.7	3.7
16.500	3.7	3.7	3.7	3.7	3.7

SORA WEST

Subsection: Time-Depth Curve
Label: Consh
Scenario: Synthetic Curve, 5 yrs

Return Event: 5 years
Storm Event: 5-Yr

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
17.000	3.7	3.7	3.7	3.7	3.7
17.500	3.8	3.8	3.8	3.8	3.8
18.000	3.8	3.8	3.8	3.8	3.8
18.500	3.8	3.8	3.8	3.9	3.9
19.000	3.9	3.9	3.9	3.9	3.9
19.500	3.9	3.9	3.9	3.9	3.9
20.000	3.9	3.9	3.9	3.9	3.9
20.500	3.9	4.0	4.0	4.0	4.0
21.000	4.0	4.0	4.0	4.0	4.0
21.500	4.0	4.0	4.0	4.0	4.0
22.000	4.0	4.0	4.0	4.0	4.0
22.500	4.0	4.1	4.1	4.1	4.1
23.000	4.1	4.1	4.1	4.1	4.1
23.500	4.1	4.1	4.1	4.1	4.1
24.000	4.1	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time of Concentration Calculations
Label: Existing Fayette
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Time of Concentration Results

Segment #1: TR-55 Sheet Flow	
Hydraulic Length	115.67 ft
Manning's n	0.150
Slope	0.080 ft/ft
2 Year 24 Hour Depth	3.3 in
Average Velocity	0.31 ft/s
Segment Time of Concentration	0.104 hours

Segment #2: TR-55 Shallow Concentrated Flow	
Hydraulic Length	217.00 ft
Is Paved?	False
Slope	0.080 ft/ft
Average Velocity	4.56 ft/s
Segment Time of Concentration	0.013 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.117 hours

Subsection: Time of Concentration Calculations
Label: Existing Fayette
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

==== SCS Channel Flow

Tc = R = Qa / Wp
V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n

(Lf / V) / 3600

Where:
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Tc = Unpaved surface:
V = 16.1345 * (Sf**0.5)

Paved Surface:
V = 20.3282 * (Sf**0.5)

(Lf / V) / 3600

Where:
V= Velocity, ft/sec
Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

SORA WEST

Subsection: Runoff CN-Area
Label: BRB-1-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	32.00	0.0	0.0	98.000
Lawn	74.000	519.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	551.00	(N/A)	(N/A)	75.394

SORA WEST

Subsection: Runoff CN-Area
Label: BRB-1-2
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	36.00	0.0	0.0	98.000
Lawn	74.000	720.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	756.00	(N/A)	(N/A)	75.143

SORA WEST

Subsection: Runoff CN-Area
Label: BRB-1-3
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
LAWN	74.000	879.00	0.0	0.0	74.000
IMPERVIOUS	98.000	37.00	0.0	0.0	98.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	916.00	(N/A)	(N/A)	74.969

SORA WEST

Subsection: Runoff CN-Area
Label: BRB-1-4
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	37.00	0.0	0.0	98.000
Lawn	74.000	897.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	934.00	(N/A)	(N/A)	74.951

SORA WEST

Subsection: Runoff CN-Area
Label: BRB-1-5
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	32.00	0.0	0.0	98.000
LAWN	74.000	637.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	669.00	(N/A)	(N/A)	75.148

SORA WEST

Subsection: Runoff CN-Area
Label: BRB-1-6
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	10,659.00	0.0	0.0	98.000
LAWN	74.000	508.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	11,167.00	(N/A)	(N/A)	96.908

SORA WEST

Subsection: Runoff CN-Area
Label: Elm 1 Bypass
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	13,647.00	0.0	0.0	98.000
LAWN	74.000	1,442.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	15,089.00	(N/A)	(N/A)	95.706

SORA WEST

Subsection: Runoff CN-Area
Label: Existing Elm 1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	58,855.00	0.0	0.0	98.000
Pervious	74.000	10,186.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	69,041.00	(N/A)	(N/A)	94.459

SORA WEST

Subsection: Runoff CN-Area
Label: Existing Elm 2
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	4,482.00	0.0	0.0	98.000
Lawn	74.000	7,410.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	11,892.00	(N/A)	(N/A)	83.045

SORA WEST

Subsection: Runoff CN-Area
Label: Existing Fayette
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
impervious	98.000	80,412.00	0.0	0.0	98.000
Lawn	74.000	24,956.00	0.0	0.0	74.000
gravel	89.000	546.00	0.0	0.0	89.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	105,914.00	(N/A)	(N/A)	92.299

SORA WEST

Subsection: Runoff CN-Area
Label: Fayette Bypass
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	14,812.00	0.0	0.0	98.000
LAWN	74.000	1,811.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	16,623.00	(N/A)	(N/A)	95.385

SORA WEST

Subsection: Runoff CN-Area
Label: MF-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	38,811.00	0.0	0.0	98.000
LAWN	74.000	1,521.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	40,332.00	(N/A)	(N/A)	97.095

SORA WEST

Subsection: Runoff CN-Area
Label: RG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	9,359.00	0.0	0.0	98.000
Lawn	74.000	4,345.00	0.0	0.0	74.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	13,704.00	(N/A)	(N/A)	90.391

SORA WEST

Subsection: Runoff CN-Area
Label: UB-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
IMP	98.000	56,481.00	0.0	0.0	98.000
PERV	74.000	9,168.00	0.0	0.0	74.000
GREEN ROOF	84.000	12,725.00	0.0	0.0	84.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	78,374.00	(N/A)	(N/A)	92.919

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	0.000	0.000
4.100	0.000	0.000	0.000	0.000	0.000
4.150	0.000	0.000	0.000	0.000	0.000
4.200	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.300	0.000	0.000	0.000	0.000	0.000
4.350	0.000	0.000	0.000	0.000	0.000
4.400	0.000	0.000	0.000	0.000	0.000
4.450	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.550	0.000	0.000	0.000	0.000	0.000
4.600	0.000	0.000	0.000	0.000	0.000
4.650	0.000	0.000	0.000	0.000	0.000
4.700	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
4.800	0.000	0.000	0.000	0.000	0.000
4.850	0.000	0.000	0.000	0.000	0.000
4.900	0.000	0.000	0.000	0.000	0.000
4.950	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.050	0.000	0.000	0.000	0.000	0.000
5.100	0.000	0.000	0.000	0.000	0.000
5.150	0.000	0.000	0.000	0.000	0.000
5.200	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.300	0.000	0.000	0.000	0.000	0.000
5.350	0.000	0.000	0.000	0.000	0.000
5.400	0.000	0.000	0.000	0.000	0.000
5.450	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.550	0.000	0.000	0.000	0.000	0.000
5.600	0.000	0.000	0.000	0.000	0.000
5.650	0.000	0.000	0.000	0.000	0.000
5.700	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
5.800	0.000	0.000	0.000	0.000	0.000
5.850	0.000	0.000	0.000	0.000	0.000
5.900	0.000	0.000	0.000	0.000	0.000
5.950	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	0.000	0.000	0.000	0.000	0.000
6.150	0.000	0.000	0.000	0.000	0.000
6.200	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.300	0.000	0.000	0.000	0.000	0.000
6.350	0.000	0.000	0.000	0.000	0.000
6.400	0.000	0.000	0.000	0.000	0.000
6.450	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.550	0.000	0.000	0.000	0.000	0.000
6.600	0.000	0.000	0.000	0.000	0.000
6.650	0.000	0.000	0.000	0.000	0.000
6.700	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
6.800	0.000	0.000	0.000	0.000	0.000
6.850	0.000	0.000	0.000	0.000	0.000
6.900	0.000	0.000	0.000	0.000	0.000
6.950	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.050	0.000	0.000	0.000	0.000	0.000
7.100	0.000	0.000	0.000	0.000	0.000
7.150	0.000	0.000	0.000	0.000	0.000
7.200	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.300	0.000	0.000	0.000	0.000	0.000
7.350	0.000	0.000	0.000	0.000	0.000
7.400	0.000	0.000	0.000	0.000	0.000
7.450	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.550	0.000	0.000	0.000	0.000	0.000
7.600	0.000	0.000	0.000	0.000	0.000
7.650	0.000	0.000	0.000	0.000	0.000
7.700	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
7.800	0.000	0.000	0.000	0.000	0.000
7.850	0.000	0.000	0.000	0.000	0.000
7.900	0.000	0.000	0.000	0.000	0.000
7.950	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.050	0.000	0.000	0.000	0.000	0.000
8.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	0.000	0.000	0.000	0.000	0.000
8.200	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.300	0.000	0.000	0.000	0.000	0.000
8.350	0.000	0.000	0.000	0.000	0.000
8.400	0.000	0.000	0.000	0.000	0.000
8.450	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.550	0.000	0.000	0.000	0.000	0.000
8.600	0.000	0.000	0.000	0.000	0.000
8.650	0.000	0.000	0.000	0.000	0.000
8.700	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
8.800	0.000	0.000	0.000	0.000	0.000
8.850	0.000	0.000	0.000	0.000	0.000
8.900	0.000	0.000	0.000	0.000	0.000
8.950	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.050	0.000	0.000	0.000	0.000	0.000
9.100	0.000	0.000	0.000	0.000	0.000
9.150	0.000	0.000	0.000	0.000	0.000
9.200	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.300	0.000	0.000	0.000	0.000	0.000
9.350	0.000	0.000	0.000	0.000	0.000
9.400	0.000	0.000	0.000	0.000	0.000
9.450	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.550	0.000	0.000	0.000	0.000	0.000
9.600	0.000	0.000	0.000	0.000	0.000
9.650	0.000	0.000	0.000	0.000	0.000
9.700	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
9.800	0.000	0.000	0.000	0.000	0.000
9.850	0.000	0.000	0.000	0.000	0.000
9.900	0.000	0.000	0.000	0.000	0.000
9.950	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.050	0.000	0.000	0.000	0.000	0.000
10.100	0.000	0.000	0.000	0.000	0.000
10.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	0.000	0.000	0.000	0.000	0.000
10.250	0.000	0.000	0.000	0.000	0.000
10.300	0.000	0.000	0.000	0.000	0.000
10.350	0.000	0.000	0.000	0.000	0.000
10.400	0.000	0.000	0.000	0.000	0.000
10.450	0.000	0.000	0.000	0.000	0.000
10.500	0.000	0.000	0.000	0.000	0.000
10.550	0.000	0.000	0.000	0.000	0.000
10.600	0.000	0.000	0.000	0.000	0.000
10.650	0.000	0.000	0.000	0.000	0.000
10.700	0.000	0.000	0.000	0.000	0.000
10.750	0.000	0.000	0.000	0.000	0.000
10.800	0.000	0.000	0.000	0.000	0.000
10.850	0.000	0.000	0.000	0.000	0.000
10.900	0.000	0.000	0.000	0.000	0.000
10.950	0.000	0.000	0.000	0.000	0.000
11.000	0.000	0.000	0.000	0.000	0.000
11.050	0.000	0.000	0.000	0.000	0.000
11.100	0.000	0.000	0.000	0.000	0.000
11.150	0.000	0.000	0.000	0.000	0.000
11.200	0.000	0.000	0.000	0.000	0.000
11.250	0.000	0.000	0.000	0.000	0.000
11.300	0.000	0.000	0.000	0.000	0.000
11.350	0.000	0.000	0.000	0.000	0.000
11.400	0.000	0.000	1.000	1.000	1.000
11.450	1.000	1.000	1.000	1.000	1.000
11.500	1.000	1.000	1.000	1.000	1.000
11.550	1.000	1.000	1.000	1.000	1.000
11.600	1.000	1.000	1.000	1.000	1.000
11.650	1.000	1.000	1.000	2.000	2.000
11.700	2.000	2.000	2.000	2.000	2.000
11.750	3.000	3.000	3.000	3.000	4.000
11.800	4.000	4.000	4.000	5.000	5.000
11.850	6.000	6.000	7.000	7.000	8.000
11.900	9.000	9.000	10.000	11.000	12.000
11.950	12.000	13.000	14.000	14.000	15.000
12.000	16.000	16.000	17.000	18.000	18.000
12.050	19.000	19.000	20.000	20.000	20.000
12.100	20.000	21.000	21.000	21.000	21.000
12.150	21.000	22.000	22.000	23.000	24.000
12.200	25.000	26.000	28.000	29.000	31.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	33.000	34.000	36.000	38.000	40.000
12.300	43.000	45.000	47.000	50.000	52.000
12.350	55.000	57.000	60.000	63.000	66.000
12.400	69.000	72.000	75.000	78.000	81.000
12.450	84.000	88.000	91.000	94.000	98.000
12.500	101.000	104.000	108.000	111.000	115.000
12.550	118.000	122.000	126.000	129.000	133.000
12.600	137.000	140.000	144.000	148.000	152.000
12.650	156.000	160.000	162.000	162.000	162.000
12.700	162.000	162.000	162.000	162.000	162.000
12.750	162.000	162.000	162.000	162.000	162.000
12.800	162.000	162.000	162.000	162.000	162.000
12.850	162.000	162.000	162.000	162.000	162.000
12.900	162.000	162.000	162.000	162.000	162.000
12.950	162.000	162.000	162.000	162.000	162.000
13.000	162.000	162.000	162.000	162.000	162.000
13.050	162.000	162.000	162.000	162.000	162.000
13.100	162.000	162.000	162.000	162.000	162.000
13.150	162.000	162.000	162.000	162.000	162.000
13.200	162.000	162.000	162.000	162.000	162.000
13.250	162.000	162.000	162.000	162.000	162.000
13.300	162.000	162.000	162.000	162.000	162.000
13.350	162.000	162.000	162.000	162.000	162.000
13.400	162.000	162.000	162.000	162.000	162.000
13.450	162.000	162.000	162.000	162.000	162.000
13.500	162.000	162.000	162.000	162.000	162.000
13.550	162.000	162.000	162.000	162.000	162.000
13.600	162.000	162.000	162.000	162.000	162.000
13.650	162.000	162.000	162.000	162.000	162.000
13.700	162.000	162.000	162.000	162.000	162.000
13.750	162.000	162.000	162.000	162.000	162.000
13.800	162.000	162.000	162.000	162.000	162.000
13.850	162.000	162.000	162.000	162.000	162.000
13.900	162.000	162.000	162.000	162.000	162.000
13.950	162.000	162.000	162.000	162.000	162.000
14.000	162.000	162.000	162.000	162.000	162.000
14.050	162.000	162.000	162.000	162.000	162.000
14.100	162.000	162.000	162.000	162.000	162.000
14.150	162.000	162.000	162.000	162.000	162.000
14.200	162.000	162.000	162.000	162.000	162.000
14.250	162.000	162.000	162.000	162.000	162.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	162.000	162.000	162.000	162.000	162.000
14.350	162.000	162.000	162.000	162.000	162.000
14.400	162.000	162.000	162.000	162.000	162.000
14.450	162.000	162.000	162.000	162.000	162.000
14.500	162.000	162.000	162.000	162.000	162.000
14.550	162.000	162.000	162.000	162.000	162.000
14.600	162.000	162.000	162.000	162.000	162.000
14.650	162.000	162.000	162.000	162.000	162.000
14.700	162.000	162.000	162.000	162.000	162.000
14.750	162.000	162.000	161.000	161.000	161.000
14.800	161.000	161.000	161.000	161.000	161.000
14.850	161.000	161.000	161.000	161.000	161.000
14.900	161.000	161.000	161.000	161.000	161.000
14.950	161.000	161.000	161.000	161.000	161.000
15.000	161.000	161.000	161.000	161.000	161.000
15.050	161.000	161.000	161.000	161.000	161.000
15.100	161.000	161.000	161.000	161.000	161.000
15.150	161.000	161.000	161.000	161.000	161.000
15.200	161.000	161.000	161.000	161.000	161.000
15.250	161.000	161.000	161.000	161.000	161.000
15.300	161.000	161.000	161.000	161.000	161.000
15.350	161.000	161.000	161.000	161.000	161.000
15.400	161.000	161.000	161.000	161.000	161.000
15.450	161.000	161.000	161.000	161.000	161.000
15.500	161.000	161.000	161.000	161.000	161.000
15.550	161.000	161.000	161.000	161.000	161.000
15.600	161.000	161.000	161.000	161.000	161.000
15.650	161.000	161.000	161.000	161.000	161.000
15.700	161.000	161.000	161.000	161.000	161.000
15.750	161.000	161.000	161.000	161.000	161.000
15.800	161.000	161.000	161.000	161.000	161.000
15.850	161.000	161.000	161.000	161.000	161.000
15.900	161.000	161.000	161.000	161.000	161.000
15.950	161.000	161.000	161.000	161.000	161.000
16.000	161.000	161.000	161.000	161.000	161.000
16.050	161.000	161.000	161.000	161.000	161.000
16.100	161.000	161.000	161.000	161.000	161.000
16.150	161.000	161.000	161.000	161.000	161.000
16.200	161.000	161.000	161.000	161.000	161.000
16.250	161.000	161.000	161.000	161.000	161.000
16.300	161.000	161.000	161.000	161.000	161.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	161.000	161.000	161.000	161.000	161.000
16.400	161.000	161.000	161.000	161.000	161.000
16.450	161.000	161.000	161.000	161.000	161.000
16.500	161.000	161.000	161.000	161.000	161.000
16.550	161.000	161.000	161.000	161.000	161.000
16.600	161.000	161.000	161.000	161.000	161.000
16.650	161.000	161.000	161.000	161.000	161.000
16.700	161.000	161.000	161.000	161.000	161.000
16.750	161.000	161.000	161.000	161.000	161.000
16.800	161.000	161.000	161.000	161.000	161.000
16.850	161.000	161.000	161.000	161.000	161.000
16.900	161.000	161.000	161.000	161.000	161.000
16.950	161.000	161.000	161.000	161.000	161.000
17.000	161.000	161.000	161.000	161.000	161.000
17.050	161.000	161.000	161.000	161.000	161.000
17.100	161.000	161.000	161.000	161.000	161.000
17.150	161.000	161.000	161.000	161.000	161.000
17.200	161.000	161.000	161.000	161.000	161.000
17.250	161.000	161.000	161.000	161.000	161.000
17.300	161.000	161.000	161.000	161.000	161.000
17.350	161.000	161.000	161.000	161.000	161.000
17.400	161.000	161.000	161.000	161.000	161.000
17.450	161.000	161.000	161.000	161.000	161.000
17.500	161.000	161.000	161.000	161.000	161.000
17.550	161.000	161.000	161.000	161.000	161.000
17.600	161.000	161.000	161.000	161.000	161.000
17.650	161.000	161.000	161.000	161.000	161.000
17.700	161.000	161.000	161.000	161.000	161.000
17.750	161.000	161.000	161.000	161.000	161.000
17.800	161.000	161.000	161.000	161.000	161.000
17.850	161.000	161.000	161.000	161.000	161.000
17.900	161.000	161.000	161.000	161.000	161.000
17.950	161.000	161.000	161.000	161.000	161.000
18.000	161.000	161.000	161.000	161.000	161.000
18.050	161.000	161.000	161.000	161.000	161.000
18.100	161.000	161.000	161.000	161.000	161.000
18.150	161.000	161.000	161.000	161.000	161.000
18.200	161.000	161.000	161.000	161.000	161.000
18.250	161.000	161.000	161.000	161.000	161.000
18.300	161.000	161.000	161.000	161.000	161.000
18.350	161.000	161.000	161.000	161.000	161.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	161.000	161.000	161.000	161.000	161.000
18.450	161.000	161.000	161.000	161.000	161.000
18.500	161.000	161.000	161.000	161.000	161.000
18.550	161.000	161.000	161.000	161.000	161.000
18.600	161.000	161.000	161.000	161.000	161.000
18.650	161.000	161.000	161.000	161.000	161.000
18.700	161.000	161.000	161.000	161.000	161.000
18.750	161.000	161.000	161.000	161.000	161.000
18.800	161.000	161.000	161.000	161.000	161.000
18.850	161.000	161.000	161.000	161.000	161.000
18.900	161.000	161.000	161.000	161.000	161.000
18.950	161.000	161.000	161.000	161.000	161.000
19.000	161.000	161.000	161.000	161.000	161.000
19.050	161.000	161.000	161.000	161.000	161.000
19.100	161.000	161.000	161.000	161.000	161.000
19.150	161.000	161.000	161.000	161.000	161.000
19.200	161.000	161.000	161.000	161.000	161.000
19.250	161.000	161.000	161.000	160.000	160.000
19.300	160.000	160.000	160.000	160.000	160.000
19.350	160.000	160.000	160.000	160.000	160.000
19.400	160.000	160.000	160.000	160.000	160.000
19.450	160.000	160.000	160.000	160.000	160.000
19.500	160.000	160.000	160.000	160.000	160.000
19.550	160.000	160.000	160.000	160.000	160.000
19.600	160.000	160.000	160.000	160.000	160.000
19.650	160.000	160.000	160.000	160.000	160.000
19.700	160.000	160.000	160.000	160.000	160.000
19.750	160.000	160.000	159.000	159.000	159.000
19.800	159.000	159.000	159.000	159.000	159.000
19.850	159.000	159.000	159.000	159.000	159.000
19.900	159.000	159.000	159.000	159.000	159.000
19.950	159.000	159.000	159.000	159.000	159.000
20.000	159.000	159.000	159.000	159.000	159.000
20.050	159.000	159.000	159.000	159.000	159.000
20.100	159.000	158.000	158.000	158.000	158.000
20.150	158.000	158.000	158.000	158.000	158.000
20.200	158.000	158.000	158.000	158.000	158.000
20.250	158.000	158.000	158.000	158.000	158.000
20.300	158.000	158.000	158.000	158.000	158.000
20.350	158.000	158.000	158.000	158.000	158.000
20.400	158.000	158.000	158.000	158.000	157.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	157.000	157.000	157.000	157.000	157.000
20.500	157.000	157.000	157.000	157.000	157.000
20.550	157.000	157.000	157.000	157.000	157.000
20.600	157.000	157.000	157.000	157.000	157.000
20.650	157.000	157.000	157.000	157.000	157.000
20.700	157.000	157.000	157.000	157.000	157.000
20.750	157.000	157.000	156.000	156.000	156.000
20.800	156.000	156.000	156.000	156.000	156.000
20.850	156.000	156.000	156.000	156.000	156.000
20.900	156.000	156.000	156.000	156.000	156.000
20.950	156.000	156.000	156.000	156.000	156.000
21.000	156.000	156.000	156.000	156.000	156.000
21.050	156.000	156.000	156.000	156.000	155.000
21.100	155.000	155.000	155.000	155.000	155.000
21.150	155.000	155.000	155.000	155.000	155.000
21.200	155.000	155.000	155.000	155.000	155.000
21.250	155.000	155.000	155.000	155.000	155.000
21.300	155.000	155.000	155.000	155.000	155.000
21.350	155.000	155.000	155.000	155.000	155.000
21.400	155.000	155.000	154.000	154.000	154.000
21.450	154.000	154.000	154.000	154.000	154.000
21.500	154.000	154.000	154.000	154.000	154.000
21.550	154.000	154.000	154.000	154.000	154.000
21.600	154.000	154.000	154.000	154.000	154.000
21.650	154.000	154.000	154.000	154.000	154.000
21.700	154.000	154.000	154.000	154.000	154.000
21.750	153.000	153.000	153.000	153.000	153.000
21.800	153.000	153.000	153.000	153.000	153.000
21.850	153.000	153.000	153.000	153.000	153.000
21.900	153.000	153.000	153.000	153.000	153.000
21.950	153.000	153.000	153.000	153.000	153.000
22.000	153.000	153.000	153.000	153.000	153.000
22.050	153.000	153.000	152.000	152.000	152.000
22.100	152.000	152.000	152.000	152.000	152.000
22.150	152.000	152.000	152.000	152.000	152.000
22.200	152.000	152.000	152.000	152.000	152.000
22.250	152.000	152.000	152.000	152.000	152.000
22.300	152.000	152.000	152.000	152.000	152.000
22.350	152.000	152.000	152.000	152.000	151.000
22.400	151.000	151.000	151.000	151.000	151.000
22.450	151.000	151.000	151.000	151.000	151.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	151.000	151.000	151.000	151.000	151.000
22.550	151.000	151.000	151.000	151.000	151.000
22.600	151.000	151.000	151.000	151.000	151.000
22.650	151.000	151.000	151.000	151.000	151.000
22.700	151.000	150.000	150.000	150.000	150.000
22.750	150.000	150.000	150.000	150.000	150.000
22.800	150.000	150.000	150.000	150.000	150.000
22.850	150.000	150.000	150.000	150.000	150.000
22.900	150.000	150.000	150.000	150.000	150.000
22.950	150.000	150.000	150.000	150.000	150.000
23.000	150.000	150.000	150.000	149.000	149.000
23.050	149.000	149.000	149.000	149.000	149.000
23.100	149.000	149.000	149.000	149.000	149.000
23.150	149.000	149.000	149.000	149.000	149.000
23.200	149.000	149.000	149.000	149.000	149.000
23.250	149.000	149.000	149.000	149.000	149.000
23.300	149.000	149.000	149.000	149.000	149.000
23.350	148.000	148.000	148.000	148.000	148.000
23.400	148.000	148.000	148.000	148.000	148.000
23.450	148.000	148.000	148.000	148.000	148.000
23.500	148.000	148.000	148.000	148.000	148.000
23.550	148.000	148.000	148.000	148.000	148.000
23.600	148.000	148.000	148.000	148.000	148.000
23.650	148.000	148.000	147.000	147.000	147.000
23.700	147.000	147.000	147.000	147.000	147.000
23.750	147.000	147.000	147.000	147.000	147.000
23.800	147.000	147.000	147.000	147.000	147.000
23.850	147.000	147.000	147.000	147.000	147.000
23.900	147.000	147.000	147.000	147.000	147.000
23.950	147.000	147.000	147.000	146.000	146.000
24.000	146.000	146.000	146.000	146.000	146.000
24.050	146.000	146.000	146.000	146.000	146.000
24.100	146.000	146.000	146.000	146.000	146.000
24.150	146.000	146.000	146.000	146.000	146.000
24.200	146.000	146.000	146.000	146.000	145.000
24.250	145.000	145.000	145.000	145.000	145.000
24.300	145.000	145.000	145.000	145.000	145.000
24.350	145.000	145.000	145.000	145.000	145.000
24.400	145.000	145.000	145.000	145.000	145.000
24.450	145.000	145.000	144.000	144.000	144.000
24.500	144.000	144.000	144.000	144.000	144.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	144.000	144.000	144.000	144.000	144.000
24.600	144.000	144.000	144.000	144.000	144.000
24.650	144.000	144.000	144.000	144.000	144.000
24.700	143.000	143.000	143.000	143.000	143.000
24.750	143.000	143.000	143.000	143.000	143.000
24.800	143.000	143.000	143.000	143.000	143.000
24.850	143.000	143.000	143.000	143.000	143.000
24.900	143.000	143.000	143.000	142.000	142.000
24.950	142.000	142.000	142.000	142.000	142.000
25.000	142.000	142.000	142.000	142.000	142.000
25.050	142.000	142.000	142.000	142.000	142.000
25.100	142.000	142.000	142.000	142.000	142.000
25.150	142.000	141.000	141.000	141.000	141.000
25.200	141.000	141.000	141.000	141.000	141.000
25.250	141.000	141.000	141.000	141.000	141.000
25.300	141.000	141.000	141.000	141.000	141.000
25.350	141.000	141.000	141.000	141.000	140.000
25.400	140.000	140.000	140.000	140.000	140.000
25.450	140.000	140.000	140.000	140.000	140.000
25.500	140.000	140.000	140.000	140.000	140.000
25.550	140.000	140.000	140.000	140.000	140.000
25.600	140.000	140.000	140.000	139.000	139.000
25.650	139.000	139.000	139.000	139.000	139.000
25.700	139.000	139.000	139.000	139.000	139.000
25.750	139.000	139.000	139.000	139.000	139.000
25.800	139.000	139.000	139.000	139.000	139.000
25.850	139.000	138.000	138.000	138.000	138.000
25.900	138.000	138.000	138.000	138.000	138.000
25.950	138.000	138.000	138.000	138.000	138.000
26.000	138.000	138.000	138.000	138.000	138.000
26.050	138.000	138.000	138.000	138.000	137.000
26.100	137.000	137.000	137.000	137.000	137.000
26.150	137.000	137.000	137.000	137.000	137.000
26.200	137.000	137.000	137.000	137.000	137.000
26.250	137.000	137.000	137.000	137.000	137.000
26.300	137.000	137.000	136.000	136.000	136.000
26.350	136.000	136.000	136.000	136.000	136.000
26.400	136.000	136.000	136.000	136.000	136.000
26.450	136.000	136.000	136.000	136.000	136.000
26.500	136.000	136.000	136.000	136.000	136.000
26.550	135.000	135.000	135.000	135.000	135.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	135.000	135.000	135.000	135.000	135.000
26.650	135.000	135.000	135.000	135.000	135.000
26.700	135.000	135.000	135.000	135.000	135.000
26.750	135.000	135.000	135.000	134.000	134.000
26.800	134.000	134.000	134.000	134.000	134.000
26.850	134.000	134.000	134.000	134.000	134.000
26.900	134.000	134.000	134.000	134.000	134.000
26.950	134.000	134.000	134.000	134.000	134.000
27.000	134.000	134.000	133.000	133.000	133.000
27.050	133.000	133.000	133.000	133.000	133.000
27.100	133.000	133.000	133.000	133.000	133.000
27.150	133.000	133.000	133.000	133.000	133.000
27.200	133.000	133.000	133.000	133.000	133.000
27.250	132.000	132.000	132.000	132.000	132.000
27.300	132.000	132.000	132.000	132.000	132.000
27.350	132.000	132.000	132.000	132.000	132.000
27.400	132.000	132.000	132.000	132.000	132.000
27.450	132.000	132.000	132.000	131.000	131.000
27.500	131.000	131.000	131.000	131.000	131.000
27.550	131.000	131.000	131.000	131.000	131.000
27.600	131.000	131.000	131.000	131.000	131.000
27.650	131.000	131.000	131.000	131.000	131.000
27.700	131.000	130.000	130.000	130.000	130.000
27.750	130.000	130.000	130.000	130.000	130.000
27.800	130.000	130.000	130.000	130.000	130.000
27.850	130.000	130.000	130.000	130.000	130.000
27.900	130.000	130.000	130.000	130.000	129.000
27.950	129.000	129.000	129.000	129.000	129.000
28.000	129.000	129.000	129.000	129.000	129.000
28.050	129.000	129.000	129.000	129.000	129.000
28.100	129.000	129.000	129.000	129.000	129.000
28.150	129.000	129.000	128.000	128.000	128.000
28.200	128.000	128.000	128.000	128.000	128.000
28.250	128.000	128.000	128.000	128.000	128.000
28.300	128.000	128.000	128.000	128.000	128.000
28.350	128.000	128.000	128.000	128.000	128.000
28.400	127.000	127.000	127.000	127.000	127.000
28.450	127.000	127.000	127.000	127.000	127.000
28.500	127.000	127.000	127.000	127.000	127.000
28.550	127.000	127.000	127.000	127.000	127.000
28.600	127.000	127.000	127.000	127.000	126.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	126.000	126.000	126.000	126.000	126.000
28.700	126.000	126.000	126.000	126.000	126.000
28.750	126.000	126.000	126.000	126.000	126.000
28.800	126.000	126.000	126.000	126.000	126.000
28.850	126.000	126.000	125.000	125.000	125.000
28.900	125.000	125.000	125.000	125.000	125.000
28.950	125.000	125.000	125.000	125.000	125.000
29.000	125.000	125.000	125.000	125.000	125.000
29.050	125.000	125.000	125.000	125.000	125.000
29.100	124.000	124.000	124.000	124.000	124.000
29.150	124.000	124.000	124.000	124.000	124.000
29.200	124.000	124.000	124.000	124.000	124.000
29.250	124.000	124.000	124.000	124.000	124.000
29.300	124.000	124.000	124.000	123.000	123.000
29.350	123.000	123.000	123.000	123.000	123.000
29.400	123.000	123.000	123.000	123.000	123.000
29.450	123.000	123.000	123.000	123.000	123.000
29.500	123.000	123.000	123.000	123.000	123.000
29.550	123.000	122.000	122.000	122.000	122.000
29.600	122.000	122.000	122.000	122.000	122.000
29.650	122.000	122.000	122.000	122.000	122.000
29.700	122.000	122.000	122.000	122.000	122.000
29.750	122.000	122.000	122.000	122.000	121.000
29.800	121.000	121.000	121.000	121.000	121.000
29.850	121.000	121.000	121.000	121.000	121.000
29.900	121.000	121.000	121.000	121.000	121.000
29.950	121.000	121.000	121.000	121.000	121.000
30.000	121.000	121.000	120.000	120.000	120.000
30.050	120.000	120.000	120.000	120.000	120.000
30.100	120.000	120.000	120.000	120.000	120.000
30.150	120.000	120.000	120.000	120.000	120.000
30.200	120.000	120.000	120.000	120.000	120.000
30.250	120.000	119.000	119.000	119.000	119.000
30.300	119.000	119.000	119.000	119.000	119.000
30.350	119.000	119.000	119.000	119.000	119.000
30.400	119.000	119.000	119.000	119.000	119.000
30.450	119.000	119.000	119.000	119.000	118.000
30.500	118.000	118.000	118.000	118.000	118.000
30.550	118.000	118.000	118.000	118.000	118.000
30.600	118.000	118.000	118.000	118.000	118.000
30.650	118.000	118.000	118.000	118.000	118.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	118.000	118.000	117.000	117.000	117.000
30.750	117.000	117.000	117.000	117.000	117.000
30.800	117.000	117.000	117.000	117.000	117.000
30.850	117.000	117.000	117.000	117.000	117.000
30.900	117.000	117.000	117.000	117.000	117.000
30.950	116.000	116.000	116.000	116.000	116.000
31.000	116.000	116.000	116.000	116.000	116.000
31.050	116.000	116.000	116.000	116.000	116.000
31.100	116.000	116.000	116.000	116.000	116.000
31.150	116.000	116.000	116.000	115.000	115.000
31.200	115.000	115.000	115.000	115.000	115.000
31.250	115.000	115.000	115.000	115.000	115.000
31.300	115.000	115.000	115.000	115.000	115.000
31.350	115.000	115.000	115.000	115.000	115.000
31.400	115.000	114.000	114.000	114.000	114.000
31.450	114.000	114.000	114.000	114.000	114.000
31.500	114.000	114.000	114.000	114.000	114.000
31.550	114.000	114.000	114.000	114.000	114.000
31.600	114.000	114.000	114.000	114.000	113.000
31.650	113.000	113.000	113.000	113.000	113.000
31.700	113.000	113.000	113.000	113.000	113.000
31.750	113.000	113.000	113.000	113.000	113.000
31.800	113.000	113.000	113.000	113.000	113.000
31.850	113.000	113.000	113.000	112.000	112.000
31.900	112.000	112.000	112.000	112.000	112.000
31.950	112.000	112.000	112.000	112.000	112.000
32.000	112.000	112.000	112.000	112.000	112.000
32.050	112.000	112.000	112.000	112.000	112.000
32.100	112.000	111.000	111.000	111.000	111.000
32.150	111.000	111.000	111.000	111.000	111.000
32.200	111.000	111.000	111.000	111.000	111.000
32.250	111.000	111.000	111.000	111.000	111.000
32.300	111.000	111.000	111.000	111.000	110.000
32.350	110.000	110.000	110.000	110.000	110.000
32.400	110.000	110.000	110.000	110.000	110.000
32.450	110.000	110.000	110.000	110.000	110.000
32.500	110.000	110.000	110.000	110.000	110.000
32.550	110.000	110.000	109.000	109.000	109.000
32.600	109.000	109.000	109.000	109.000	109.000
32.650	109.000	109.000	109.000	109.000	109.000
32.700	109.000	109.000	109.000	109.000	109.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	109.000	109.000	109.000	109.000	109.000
32.800	108.000	108.000	108.000	108.000	108.000
32.850	108.000	108.000	108.000	108.000	108.000
32.900	108.000	108.000	108.000	108.000	108.000
32.950	108.000	108.000	108.000	108.000	108.000
33.000	108.000	108.000	108.000	107.000	107.000
33.050	107.000	107.000	107.000	107.000	107.000
33.100	107.000	107.000	107.000	107.000	107.000
33.150	107.000	107.000	107.000	107.000	107.000
33.200	107.000	107.000	107.000	107.000	107.000
33.250	107.000	107.000	106.000	106.000	106.000
33.300	106.000	106.000	106.000	106.000	106.000
33.350	106.000	106.000	106.000	106.000	106.000
33.400	106.000	106.000	106.000	106.000	106.000
33.450	106.000	106.000	106.000	106.000	106.000
33.500	105.000	105.000	105.000	105.000	105.000
33.550	105.000	105.000	105.000	105.000	105.000
33.600	105.000	105.000	105.000	105.000	105.000
33.650	105.000	105.000	105.000	105.000	105.000
33.700	105.000	105.000	105.000	104.000	104.000
33.750	104.000	104.000	104.000	104.000	104.000
33.800	104.000	104.000	104.000	104.000	104.000
33.850	104.000	104.000	104.000	104.000	104.000
33.900	104.000	104.000	104.000	104.000	104.000
33.950	104.000	103.000	103.000	103.000	103.000
34.000	103.000	103.000	103.000	103.000	103.000
34.050	103.000	103.000	103.000	103.000	103.000
34.100	103.000	103.000	103.000	103.000	103.000
34.150	103.000	103.000	103.000	103.000	102.000
34.200	102.000	102.000	102.000	102.000	102.000
34.250	102.000	102.000	102.000	102.000	102.000
34.300	102.000	102.000	102.000	102.000	102.000
34.350	102.000	102.000	102.000	102.000	102.000
34.400	102.000	102.000	101.000	101.000	101.000
34.450	101.000	101.000	101.000	101.000	101.000
34.500	101.000	101.000	101.000	101.000	101.000
34.550	101.000	101.000	101.000	101.000	101.000
34.600	101.000	101.000	101.000	101.000	101.000
34.650	100.000	100.000	100.000	100.000	100.000
34.700	100.000	100.000	100.000	100.000	100.000
34.750	100.000	100.000	100.000	100.000	100.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	100.000	100.000	100.000	100.000	100.000
34.850	100.000	100.000	100.000	100.000	99.000
34.900	99.000	99.000	99.000	99.000	99.000
34.950	99.000	99.000	99.000	99.000	99.000
35.000	99.000	99.000	99.000	99.000	99.000
35.050	99.000	99.000	99.000	99.000	99.000
35.100	99.000	99.000	98.000	98.000	98.000
35.150	98.000	98.000	98.000	98.000	98.000
35.200	98.000	98.000	98.000	98.000	98.000
35.250	98.000	98.000	98.000	98.000	98.000
35.300	98.000	98.000	98.000	98.000	98.000
35.350	97.000	97.000	97.000	97.000	97.000
35.400	97.000	97.000	97.000	97.000	97.000
35.450	97.000	97.000	97.000	97.000	97.000
35.500	97.000	97.000	97.000	97.000	97.000
35.550	97.000	97.000	97.000	96.000	96.000
35.600	96.000	96.000	96.000	96.000	96.000
35.650	96.000	96.000	96.000	96.000	96.000
35.700	96.000	96.000	96.000	96.000	96.000
35.750	96.000	96.000	96.000	96.000	96.000
35.800	96.000	95.000	95.000	95.000	95.000
35.850	95.000	95.000	95.000	95.000	95.000
35.900	95.000	95.000	95.000	95.000	95.000
35.950	95.000	95.000	95.000	95.000	95.000
36.000	95.000	95.000	95.000	95.000	94.000
36.050	94.000	94.000	94.000	94.000	94.000
36.100	94.000	94.000	94.000	94.000	94.000
36.150	94.000	94.000	94.000	94.000	94.000
36.200	94.000	94.000	94.000	94.000	94.000
36.250	94.000	94.000	93.000	93.000	93.000
36.300	93.000	93.000	93.000	93.000	93.000
36.350	93.000	93.000	93.000	93.000	93.000
36.400	93.000	93.000	93.000	93.000	93.000
36.450	93.000	93.000	93.000	93.000	93.000
36.500	93.000	92.000	92.000	92.000	92.000
36.550	92.000	92.000	92.000	92.000	92.000
36.600	92.000	92.000	92.000	92.000	92.000
36.650	92.000	92.000	92.000	92.000	92.000
36.700	92.000	92.000	92.000	92.000	91.000
36.750	91.000	91.000	91.000	91.000	91.000
36.800	91.000	91.000	91.000	91.000	91.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	91.000	91.000	91.000	91.000	91.000
36.900	91.000	91.000	91.000	91.000	91.000
36.950	91.000	91.000	90.000	90.000	90.000
37.000	90.000	90.000	90.000	90.000	90.000
37.050	90.000	90.000	90.000	90.000	90.000
37.100	90.000	90.000	90.000	90.000	90.000
37.150	90.000	90.000	90.000	90.000	90.000
37.200	89.000	89.000	89.000	89.000	89.000
37.250	89.000	89.000	89.000	89.000	89.000
37.300	89.000	89.000	89.000	89.000	89.000
37.350	89.000	89.000	89.000	89.000	89.000
37.400	89.000	89.000	89.000	88.000	88.000
37.450	88.000	88.000	88.000	88.000	88.000
37.500	88.000	88.000	88.000	88.000	88.000
37.550	88.000	88.000	88.000	88.000	88.000
37.600	88.000	88.000	88.000	88.000	88.000
37.650	88.000	87.000	87.000	87.000	87.000
37.700	87.000	87.000	87.000	87.000	87.000
37.750	87.000	87.000	87.000	87.000	87.000
37.800	87.000	87.000	87.000	87.000	87.000
37.850	87.000	87.000	87.000	87.000	86.000
37.900	86.000	86.000	86.000	86.000	86.000
37.950	86.000	86.000	86.000	86.000	86.000
38.000	86.000	86.000	86.000	86.000	86.000
38.050	86.000	86.000	86.000	86.000	86.000
38.100	86.000	86.000	86.000	85.000	85.000
38.150	85.000	85.000	85.000	85.000	85.000
38.200	85.000	85.000	85.000	85.000	85.000
38.250	85.000	85.000	85.000	85.000	85.000
38.300	85.000	85.000	85.000	85.000	85.000
38.350	85.000	84.000	84.000	84.000	84.000
38.400	84.000	84.000	84.000	84.000	84.000
38.450	84.000	84.000	84.000	84.000	84.000
38.500	84.000	84.000	84.000	84.000	84.000
38.550	84.000	84.000	84.000	84.000	83.000
38.600	83.000	83.000	83.000	83.000	83.000
38.650	83.000	83.000	83.000	83.000	83.000
38.700	83.000	83.000	83.000	83.000	83.000
38.750	83.000	83.000	83.000	83.000	83.000
38.800	83.000	83.000	82.000	82.000	82.000
38.850	82.000	82.000	82.000	82.000	82.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	82.000	82.000	82.000	82.000	82.000
38.950	82.000	82.000	82.000	82.000	82.000
39.000	82.000	82.000	82.000	82.000	82.000
39.050	81.000	81.000	81.000	81.000	81.000
39.100	81.000	81.000	81.000	81.000	81.000
39.150	81.000	81.000	81.000	81.000	81.000
39.200	81.000	81.000	81.000	81.000	81.000
39.250	81.000	81.000	81.000	80.000	80.000
39.300	80.000	80.000	80.000	80.000	80.000
39.350	80.000	80.000	80.000	80.000	80.000
39.400	80.000	80.000	80.000	80.000	80.000
39.450	80.000	80.000	80.000	80.000	80.000
39.500	80.000	80.000	79.000	79.000	79.000
39.550	79.000	79.000	79.000	79.000	79.000
39.600	79.000	79.000	79.000	79.000	79.000
39.650	79.000	79.000	79.000	79.000	79.000
39.700	79.000	79.000	79.000	79.000	79.000
39.750	78.000	78.000	78.000	78.000	78.000
39.800	78.000	78.000	78.000	78.000	78.000
39.850	78.000	78.000	78.000	78.000	78.000
39.900	78.000	78.000	78.000	78.000	78.000
39.950	78.000	78.000	78.000	77.000	77.000
40.000	77.000	77.000	77.000	77.000	77.000
40.050	77.000	77.000	77.000	77.000	77.000
40.100	77.000	77.000	77.000	77.000	77.000
40.150	77.000	77.000	77.000	77.000	77.000
40.200	77.000	76.000	76.000	76.000	76.000
40.250	76.000	76.000	76.000	76.000	76.000
40.300	76.000	76.000	76.000	76.000	76.000
40.350	76.000	76.000	76.000	76.000	76.000
40.400	76.000	76.000	76.000	76.000	75.000
40.450	75.000	75.000	75.000	75.000	75.000
40.500	75.000	75.000	75.000	75.000	75.000
40.550	75.000	75.000	75.000	75.000	75.000
40.600	75.000	75.000	75.000	75.000	75.000
40.650	75.000	75.000	74.000	74.000	74.000
40.700	74.000	74.000	74.000	74.000	74.000
40.750	74.000	74.000	74.000	74.000	74.000
40.800	74.000	74.000	74.000	74.000	74.000
40.850	74.000	74.000	74.000	74.000	74.000
40.900	73.000	73.000	73.000	73.000	73.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	73.000	73.000	73.000	73.000	73.000
41.000	73.000	73.000	73.000	73.000	73.000
41.050	73.000	73.000	73.000	73.000	73.000
41.100	73.000	73.000	73.000	73.000	72.000
41.150	72.000	72.000	72.000	72.000	72.000
41.200	72.000	72.000	72.000	72.000	72.000
41.250	72.000	72.000	72.000	72.000	72.000
41.300	72.000	72.000	72.000	72.000	72.000
41.350	72.000	72.000	71.000	71.000	71.000
41.400	71.000	71.000	71.000	71.000	71.000
41.450	71.000	71.000	71.000	71.000	71.000
41.500	71.000	71.000	71.000	71.000	71.000
41.550	71.000	71.000	71.000	71.000	71.000
41.600	70.000	70.000	70.000	70.000	70.000
41.650	70.000	70.000	70.000	70.000	70.000
41.700	70.000	70.000	70.000	70.000	70.000
41.750	70.000	70.000	70.000	70.000	70.000
41.800	70.000	70.000	70.000	69.000	69.000
41.850	69.000	69.000	69.000	69.000	69.000
41.900	69.000	69.000	69.000	69.000	69.000
41.950	69.000	69.000	69.000	69.000	69.000
42.000	69.000	69.000	69.000	69.000	69.000
42.050	69.000	68.000	68.000	68.000	68.000
42.100	68.000	68.000	68.000	68.000	68.000
42.150	68.000	68.000	68.000	68.000	68.000
42.200	68.000	68.000	68.000	68.000	68.000
42.250	68.000	68.000	68.000	68.000	67.000
42.300	67.000	67.000	67.000	67.000	67.000
42.350	67.000	67.000	67.000	67.000	67.000
42.400	67.000	67.000	67.000	67.000	67.000
42.450	67.000	67.000	67.000	67.000	67.000
42.500	67.000	67.000	66.000	66.000	66.000
42.550	66.000	66.000	66.000	66.000	66.000
42.600	66.000	66.000	66.000	66.000	66.000
42.650	66.000	66.000	66.000	66.000	66.000
42.700	66.000	66.000	66.000	66.000	66.000
42.750	66.000	65.000	65.000	65.000	65.000
42.800	65.000	65.000	65.000	65.000	65.000
42.850	65.000	65.000	65.000	65.000	65.000
42.900	65.000	65.000	65.000	65.000	65.000
42.950	65.000	65.000	65.000	65.000	64.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	64.000	64.000	64.000	64.000	64.000
43.050	64.000	64.000	64.000	64.000	64.000
43.100	64.000	64.000	64.000	64.000	64.000
43.150	64.000	64.000	64.000	64.000	64.000
43.200	64.000	64.000	63.000	63.000	63.000
43.250	63.000	63.000	63.000	63.000	63.000
43.300	63.000	63.000	63.000	63.000	63.000
43.350	63.000	63.000	63.000	63.000	63.000
43.400	63.000	63.000	63.000	63.000	63.000
43.450	62.000	62.000	62.000	62.000	62.000
43.500	62.000	62.000	62.000	62.000	62.000
43.550	62.000	62.000	62.000	62.000	62.000
43.600	62.000	62.000	62.000	62.000	62.000
43.650	62.000	62.000	62.000	61.000	61.000
43.700	61.000	61.000	61.000	61.000	61.000
43.750	61.000	61.000	61.000	61.000	61.000
43.800	61.000	61.000	61.000	61.000	61.000
43.850	61.000	61.000	61.000	61.000	61.000
43.900	61.000	60.000	60.000	60.000	60.000
43.950	60.000	60.000	60.000	60.000	60.000
44.000	60.000	60.000	60.000	60.000	60.000
44.050	60.000	60.000	60.000	60.000	60.000
44.100	60.000	60.000	60.000	60.000	59.000
44.150	59.000	59.000	59.000	59.000	59.000
44.200	59.000	59.000	59.000	59.000	59.000
44.250	59.000	59.000	59.000	59.000	59.000
44.300	59.000	59.000	59.000	59.000	59.000
44.350	59.000	59.000	59.000	58.000	58.000
44.400	58.000	58.000	58.000	58.000	58.000
44.450	58.000	58.000	58.000	58.000	58.000
44.500	58.000	58.000	58.000	58.000	58.000
44.550	58.000	58.000	58.000	58.000	58.000
44.600	58.000	57.000	57.000	57.000	57.000
44.650	57.000	57.000	57.000	57.000	57.000
44.700	57.000	57.000	57.000	57.000	57.000
44.750	57.000	57.000	57.000	57.000	57.000
44.800	57.000	57.000	57.000	57.000	56.000
44.850	56.000	56.000	56.000	56.000	56.000
44.900	56.000	56.000	56.000	56.000	56.000
44.950	56.000	56.000	56.000	56.000	56.000
45.000	56.000	56.000	56.000	56.000	56.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	56.000	56.000	55.000	55.000	55.000
45.100	55.000	55.000	55.000	55.000	55.000
45.150	55.000	55.000	55.000	55.000	55.000
45.200	55.000	55.000	55.000	55.000	55.000
45.250	55.000	55.000	55.000	55.000	55.000
45.300	54.000	54.000	54.000	54.000	54.000
45.350	54.000	54.000	54.000	54.000	54.000
45.400	54.000	54.000	54.000	54.000	54.000
45.450	54.000	54.000	54.000	54.000	54.000
45.500	54.000	54.000	54.000	53.000	53.000
45.550	53.000	53.000	53.000	53.000	53.000
45.600	53.000	53.000	53.000	53.000	53.000
45.650	53.000	53.000	53.000	53.000	53.000
45.700	53.000	53.000	53.000	53.000	53.000
45.750	53.000	53.000	52.000	52.000	52.000
45.800	52.000	52.000	52.000	52.000	52.000
45.850	52.000	52.000	52.000	52.000	52.000
45.900	52.000	52.000	52.000	52.000	52.000
45.950	52.000	52.000	52.000	52.000	52.000
46.000	51.000	51.000	51.000	51.000	51.000
46.050	51.000	51.000	51.000	51.000	51.000
46.100	51.000	51.000	51.000	51.000	51.000
46.150	51.000	51.000	51.000	51.000	51.000
46.200	51.000	51.000	51.000	50.000	50.000
46.250	50.000	50.000	50.000	50.000	50.000
46.300	50.000	50.000	50.000	50.000	50.000
46.350	50.000	50.000	50.000	50.000	50.000
46.400	50.000	50.000	50.000	50.000	50.000
46.450	50.000	49.000	49.000	49.000	49.000
46.500	49.000	49.000	49.000	49.000	49.000
46.550	49.000	49.000	49.000	49.000	49.000
46.600	49.000	49.000	49.000	49.000	49.000
46.650	49.000	49.000	49.000	49.000	48.000
46.700	48.000	48.000	48.000	48.000	48.000
46.750	48.000	48.000	48.000	48.000	48.000
46.800	48.000	48.000	48.000	48.000	48.000
46.850	48.000	48.000	48.000	48.000	48.000
46.900	48.000	48.000	47.000	47.000	47.000
46.950	47.000	47.000	47.000	47.000	47.000
47.000	47.000	47.000	47.000	47.000	47.000
47.050	47.000	47.000	47.000	47.000	47.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	47.000	47.000	47.000	47.000	47.000
47.150	46.000	46.000	46.000	46.000	46.000
47.200	46.000	46.000	46.000	46.000	46.000
47.250	46.000	46.000	46.000	46.000	46.000
47.300	46.000	46.000	46.000	46.000	46.000
47.350	46.000	46.000	46.000	46.000	45.000
47.400	45.000	45.000	45.000	45.000	45.000
47.450	45.000	45.000	45.000	45.000	45.000
47.500	45.000	45.000	45.000	45.000	45.000
47.550	45.000	45.000	45.000	45.000	45.000
47.600	45.000	45.000	44.000	44.000	44.000
47.650	44.000	44.000	44.000	44.000	44.000
47.700	44.000	44.000	44.000	44.000	44.000
47.750	44.000	44.000	44.000	44.000	44.000
47.800	44.000	44.000	44.000	44.000	44.000
47.850	43.000	43.000	43.000	43.000	43.000
47.900	43.000	43.000	43.000	43.000	43.000
47.950	43.000	43.000	43.000	43.000	43.000
48.000	43.000	43.000	43.000	43.000	43.000
48.050	43.000	43.000	43.000	42.000	42.000
48.100	42.000	42.000	42.000	42.000	42.000
48.150	42.000	42.000	42.000	42.000	42.000
48.200	42.000	42.000	42.000	42.000	42.000
48.250	42.000	42.000	42.000	42.000	42.000
48.300	42.000	41.000	41.000	41.000	41.000
48.350	41.000	41.000	41.000	41.000	41.000
48.400	41.000	41.000	41.000	41.000	41.000
48.450	41.000	41.000	41.000	41.000	41.000
48.500	41.000	41.000	41.000	41.000	40.000
48.550	40.000	40.000	40.000	40.000	40.000
48.600	40.000	40.000	40.000	40.000	40.000
48.650	40.000	40.000	40.000	40.000	40.000
48.700	40.000	40.000	40.000	40.000	40.000
48.750	40.000	40.000	39.000	39.000	39.000
48.800	39.000	39.000	39.000	39.000	39.000
48.850	39.000	39.000	39.000	39.000	39.000
48.900	39.000	39.000	39.000	39.000	39.000
48.950	39.000	39.000	39.000	39.000	39.000
49.000	39.000	38.000	38.000	38.000	38.000
49.050	38.000	38.000	38.000	38.000	38.000
49.100	38.000	38.000	38.000	38.000	38.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	38.000	38.000	38.000	38.000	38.000
49.200	38.000	38.000	38.000	38.000	37.000
49.250	37.000	37.000	37.000	37.000	37.000
49.300	37.000	37.000	37.000	37.000	37.000
49.350	37.000	37.000	37.000	37.000	37.000
49.400	37.000	37.000	37.000	37.000	37.000
49.450	37.000	37.000	36.000	36.000	36.000
49.500	36.000	36.000	36.000	36.000	36.000
49.550	36.000	36.000	36.000	36.000	36.000
49.600	36.000	36.000	36.000	36.000	36.000
49.650	36.000	36.000	36.000	36.000	36.000
49.700	35.000	35.000	35.000	35.000	35.000
49.750	35.000	35.000	35.000	35.000	35.000
49.800	35.000	35.000	35.000	35.000	35.000
49.850	35.000	35.000	35.000	35.000	35.000
49.900	35.000	35.000	35.000	34.000	34.000
49.950	34.000	34.000	34.000	34.000	34.000
50.000	34.000	34.000	34.000	34.000	34.000
50.050	34.000	34.000	34.000	34.000	34.000
50.100	34.000	34.000	34.000	34.000	34.000
50.150	34.000	33.000	33.000	33.000	33.000
50.200	33.000	33.000	33.000	33.000	33.000
50.250	33.000	33.000	33.000	33.000	33.000
50.300	33.000	33.000	33.000	33.000	33.000
50.350	33.000	33.000	33.000	33.000	32.000
50.400	32.000	32.000	32.000	32.000	32.000
50.450	32.000	32.000	32.000	32.000	32.000
50.500	32.000	32.000	32.000	32.000	32.000
50.550	32.000	32.000	32.000	32.000	32.000
50.600	32.000	32.000	32.000	31.000	31.000
50.650	31.000	31.000	31.000	31.000	31.000
50.700	31.000	31.000	31.000	31.000	31.000
50.750	31.000	31.000	31.000	31.000	31.000
50.800	31.000	31.000	31.000	31.000	31.000
50.850	31.000	30.000	30.000	30.000	30.000
50.900	30.000	30.000	30.000	30.000	30.000
50.950	30.000	30.000	30.000	30.000	30.000
51.000	30.000	30.000	30.000	30.000	30.000
51.050	30.000	30.000	30.000	30.000	29.000
51.100	29.000	29.000	29.000	29.000	29.000
51.150	29.000	29.000	29.000	29.000	29.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	29.000	29.000	29.000	29.000	29.000
51.250	29.000	29.000	29.000	29.000	29.000
51.300	29.000	29.000	28.000	28.000	28.000
51.350	28.000	28.000	28.000	28.000	28.000
51.400	28.000	28.000	28.000	28.000	28.000
51.450	28.000	28.000	28.000	28.000	28.000
51.500	28.000	28.000	28.000	28.000	28.000
51.550	27.000	27.000	27.000	27.000	27.000
51.600	27.000	27.000	27.000	27.000	27.000
51.650	27.000	27.000	27.000	27.000	27.000
51.700	27.000	27.000	27.000	27.000	27.000
51.750	27.000	27.000	27.000	26.000	26.000
51.800	26.000	26.000	26.000	26.000	26.000
51.850	26.000	26.000	26.000	26.000	26.000
51.900	26.000	26.000	26.000	26.000	26.000
51.950	26.000	26.000	26.000	26.000	26.000
52.000	26.000	26.000	25.000	25.000	25.000
52.050	25.000	25.000	25.000	25.000	25.000
52.100	25.000	25.000	25.000	25.000	25.000
52.150	25.000	25.000	25.000	25.000	25.000
52.200	25.000	25.000	25.000	25.000	25.000
52.250	24.000	24.000	24.000	24.000	24.000
52.300	24.000	24.000	24.000	24.000	24.000
52.350	24.000	24.000	24.000	24.000	24.000
52.400	24.000	24.000	24.000	24.000	24.000
52.450	24.000	24.000	24.000	23.000	23.000
52.500	23.000	23.000	23.000	23.000	23.000
52.550	23.000	23.000	23.000	23.000	23.000
52.600	23.000	23.000	23.000	23.000	23.000
52.650	23.000	23.000	23.000	23.000	23.000
52.700	23.000	22.000	22.000	22.000	22.000
52.750	22.000	22.000	22.000	22.000	22.000
52.800	22.000	22.000	22.000	22.000	22.000
52.850	22.000	22.000	22.000	22.000	22.000
52.900	22.000	22.000	22.000	22.000	21.000
52.950	21.000	21.000	21.000	21.000	21.000
53.000	21.000	21.000	21.000	21.000	21.000
53.050	21.000	21.000	21.000	21.000	21.000
53.100	21.000	21.000	21.000	21.000	21.000
53.150	21.000	21.000	20.000	20.000	20.000
53.200	20.000	20.000	20.000	20.000	20.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	20.000	20.000	20.000	20.000	20.000
53.300	20.000	20.000	20.000	20.000	20.000
53.350	20.000	20.000	20.000	20.000	20.000
53.400	19.000	19.000	19.000	19.000	19.000
53.450	19.000	19.000	19.000	19.000	19.000
53.500	19.000	19.000	19.000	19.000	19.000
53.550	19.000	19.000	19.000	19.000	19.000
53.600	19.000	19.000	19.000	19.000	18.000
53.650	18.000	18.000	18.000	18.000	18.000
53.700	18.000	18.000	18.000	18.000	18.000
53.750	18.000	18.000	18.000	18.000	18.000
53.800	18.000	18.000	18.000	18.000	18.000
53.850	18.000	18.000	17.000	17.000	17.000
53.900	17.000	17.000	17.000	17.000	17.000
53.950	17.000	17.000	17.000	17.000	17.000
54.000	17.000	17.000	17.000	17.000	17.000
54.050	17.000	17.000	17.000	17.000	17.000
54.100	16.000	16.000	16.000	16.000	16.000
54.150	16.000	16.000	16.000	16.000	16.000
54.200	16.000	16.000	16.000	16.000	16.000
54.250	16.000	16.000	16.000	16.000	16.000
54.300	16.000	16.000	16.000	15.000	15.000
54.350	15.000	15.000	15.000	15.000	15.000
54.400	15.000	15.000	15.000	15.000	15.000
54.450	15.000	15.000	15.000	15.000	15.000
54.500	15.000	15.000	15.000	15.000	15.000
54.550	15.000	14.000	14.000	14.000	14.000
54.600	14.000	14.000	14.000	14.000	14.000
54.650	14.000	14.000	14.000	14.000	14.000
54.700	14.000	14.000	14.000	14.000	14.000
54.750	14.000	14.000	14.000	14.000	13.000
54.800	13.000	13.000	13.000	13.000	13.000
54.850	13.000	13.000	13.000	13.000	13.000
54.900	13.000	13.000	13.000	13.000	13.000
54.950	13.000	13.000	13.000	13.000	13.000
55.000	13.000	13.000	12.000	12.000	12.000
55.050	12.000	12.000	12.000	12.000	12.000
55.100	12.000	12.000	12.000	12.000	12.000
55.150	12.000	12.000	12.000	12.000	12.000
55.200	12.000	12.000	12.000	12.000	12.000
55.250	12.000	11.000	11.000	11.000	11.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	11.000	11.000	11.000	11.000	11.000
55.350	11.000	11.000	11.000	11.000	11.000
55.400	11.000	11.000	11.000	11.000	11.000
55.450	11.000	11.000	11.000	11.000	10.000
55.500	10.000	10.000	10.000	10.000	10.000
55.550	10.000	10.000	10.000	10.000	10.000
55.600	10.000	10.000	10.000	10.000	10.000
55.650	10.000	10.000	10.000	10.000	10.000
55.700	10.000	10.000	9.000	9.000	9.000
55.750	9.000	9.000	9.000	9.000	9.000
55.800	9.000	9.000	9.000	9.000	9.000
55.850	9.000	9.000	9.000	9.000	9.000
55.900	9.000	9.000	9.000	9.000	9.000
55.950	9.000	8.000	8.000	8.000	8.000
56.000	8.000	8.000	8.000	8.000	8.000
56.050	8.000	8.000	8.000	8.000	8.000
56.100	8.000	8.000	8.000	8.000	8.000
56.150	8.000	8.000	8.000	8.000	8.000
56.200	8.000	8.000	8.000	8.000	7.000
56.250	7.000	7.000	7.000	7.000	7.000
56.300	7.000	7.000	7.000	7.000	7.000
56.350	7.000	7.000	7.000	7.000	7.000
56.400	7.000	7.000	7.000	7.000	7.000
56.450	7.000	7.000	7.000	7.000	7.000
56.500	7.000	7.000	7.000	7.000	7.000
56.550	6.000	6.000	6.000	6.000	6.000
56.600	6.000	6.000	6.000	6.000	6.000
56.650	6.000	6.000	6.000	6.000	6.000
56.700	6.000	6.000	6.000	6.000	6.000
56.750	6.000	6.000	6.000	6.000	6.000
56.800	6.000	6.000	6.000	6.000	6.000
56.850	6.000	6.000	6.000	6.000	6.000
56.900	6.000	6.000	5.000	5.000	5.000
56.950	5.000	5.000	5.000	5.000	5.000
57.000	5.000	5.000	5.000	5.000	5.000
57.050	5.000	5.000	5.000	5.000	5.000
57.100	5.000	5.000	5.000	5.000	5.000
57.150	5.000	5.000	5.000	5.000	5.000
57.200	5.000	5.000	5.000	5.000	5.000
57.250	5.000	5.000	5.000	5.000	5.000
57.300	5.000	5.000	5.000	5.000	5.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	5.000	4.000	4.000	4.000	4.000
57.400	4.000	4.000	4.000	4.000	4.000
57.450	4.000	4.000	4.000	4.000	4.000
57.500	4.000	4.000	4.000	4.000	4.000
57.550	4.000	4.000	4.000	4.000	4.000
57.600	4.000	4.000	4.000	4.000	4.000
57.650	4.000	4.000	4.000	4.000	4.000
57.700	4.000	4.000	4.000	4.000	4.000
57.750	4.000	4.000	4.000	4.000	4.000
57.800	4.000	4.000	4.000	4.000	4.000
57.850	4.000	4.000	4.000	4.000	4.000
57.900	4.000	3.000	3.000	3.000	3.000
57.950	3.000	3.000	3.000	3.000	3.000
58.000	3.000	3.000	3.000	3.000	3.000
58.050	3.000	3.000	3.000	3.000	3.000
58.100	3.000	3.000	3.000	3.000	3.000
58.150	3.000	3.000	3.000	3.000	3.000
58.200	3.000	3.000	3.000	3.000	3.000
58.250	3.000	3.000	3.000	3.000	3.000
58.300	3.000	3.000	3.000	3.000	3.000
58.350	3.000	3.000	3.000	3.000	3.000
58.400	3.000	3.000	3.000	3.000	3.000
58.450	3.000	3.000	3.000	3.000	3.000
58.500	3.000	3.000	3.000	3.000	3.000
58.550	3.000	3.000	3.000	3.000	3.000
58.600	3.000	3.000	3.000	3.000	3.000
58.650	2.000	2.000	2.000	2.000	2.000
58.700	2.000	2.000	2.000	2.000	2.000
58.750	2.000	2.000	2.000	2.000	2.000
58.800	2.000	2.000	2.000	2.000	2.000
58.850	2.000	2.000	2.000	2.000	2.000
58.900	2.000	2.000	2.000	2.000	2.000
58.950	2.000	2.000	2.000	2.000	2.000
59.000	2.000	2.000	2.000	2.000	2.000
59.050	2.000	2.000	2.000	2.000	2.000
59.100	2.000	2.000	2.000	2.000	2.000
59.150	2.000	2.000	2.000	2.000	2.000
59.200	2.000	2.000	2.000	2.000	2.000
59.250	2.000	2.000	2.000	2.000	2.000
59.300	2.000	2.000	2.000	2.000	2.000
59.350	2.000	2.000	2.000	2.000	2.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	2.000	2.000	2.000	2.000	2.000
59.450	2.000	2.000	2.000	2.000	2.000
59.500	2.000	2.000	2.000	2.000	2.000
59.550	2.000	2.000	2.000	2.000	2.000
59.600	2.000	2.000	2.000	2.000	2.000
59.650	2.000	2.000	2.000	2.000	2.000
59.700	2.000	2.000	2.000	2.000	2.000
59.750	2.000	2.000	2.000	1.000	1.000
59.800	1.000	1.000	1.000	1.000	1.000
59.850	1.000	1.000	1.000	1.000	1.000
59.900	1.000	1.000	1.000	1.000	1.000
59.950	1.000	1.000	1.000	1.000	1.000
60.000	1.000	1.000	1.000	1.000	1.000
60.050	1.000	1.000	1.000	1.000	1.000
60.100	1.000	1.000	1.000	1.000	1.000
60.150	1.000	1.000	1.000	1.000	1.000
60.200	1.000	1.000	1.000	1.000	1.000
60.250	1.000	1.000	1.000	1.000	1.000
60.300	1.000	1.000	1.000	1.000	1.000
60.350	1.000	1.000	1.000	1.000	1.000
60.400	1.000	1.000	1.000	1.000	1.000
60.450	1.000	1.000	1.000	1.000	1.000
60.500	1.000	1.000	1.000	1.000	1.000
60.550	1.000	1.000	1.000	1.000	1.000
60.600	1.000	1.000	1.000	1.000	1.000
60.650	1.000	1.000	1.000	1.000	1.000
60.700	1.000	1.000	1.000	1.000	1.000
60.750	1.000	1.000	1.000	1.000	1.000
60.800	1.000	1.000	1.000	1.000	1.000
60.850	1.000	1.000	1.000	1.000	1.000
60.900	1.000	1.000	1.000	1.000	1.000
60.950	1.000	1.000	1.000	1.000	1.000
61.000	1.000	1.000	1.000	1.000	1.000
61.050	1.000	1.000	1.000	1.000	1.000
61.100	1.000	1.000	1.000	1.000	1.000
61.150	1.000	1.000	1.000	1.000	1.000
61.200	1.000	1.000	1.000	1.000	1.000
61.250	1.000	1.000	1.000	1.000	1.000
61.300	1.000	1.000	1.000	1.000	1.000
61.350	1.000	1.000	1.000	1.000	1.000
61.400	1.000	1.000	1.000	1.000	1.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	1.000	1.000	1.000	1.000	1.000
61.500	1.000	1.000	1.000	1.000	1.000
61.550	1.000	1.000	1.000	1.000	1.000
61.600	1.000	1.000	1.000	1.000	1.000
61.650	1.000	1.000	1.000	1.000	1.000
61.700	1.000	1.000	1.000	1.000	1.000
61.750	1.000	1.000	1.000	1.000	1.000
61.800	1.000	1.000	1.000	1.000	1.000
61.850	1.000	1.000	1.000	1.000	1.000
61.900	1.000	1.000	1.000	1.000	1.000
61.950	1.000	1.000	1.000	1.000	1.000
62.000	1.000	1.000	1.000	1.000	1.000
62.050	1.000	1.000	1.000	1.000	1.000
62.100	1.000	1.000	1.000	1.000	1.000
62.150	1.000	1.000	1.000	1.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	0.000	0.000
4.100	0.000	0.000	0.000	0.000	0.000
4.150	0.000	0.000	0.000	0.000	0.000
4.200	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.300	0.000	0.000	0.000	0.000	0.000
4.350	0.000	0.000	0.000	0.000	0.000
4.400	0.000	0.000	0.000	0.000	0.000
4.450	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.550	0.000	0.000	0.000	0.000	0.000
4.600	0.000	0.000	0.000	0.000	0.000
4.650	0.000	0.000	0.000	0.000	0.000
4.700	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
4.800	0.000	0.000	0.000	0.000	0.000
4.850	0.000	0.000	0.000	0.000	0.000
4.900	0.000	0.000	0.000	0.000	0.000
4.950	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.050	0.000	0.000	0.000	0.000	0.000
5.100	0.000	0.000	0.000	0.000	0.000
5.150	0.000	0.000	0.000	0.000	0.000
5.200	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.300	0.000	0.000	0.000	0.000	0.000
5.350	0.000	0.000	0.000	0.000	0.000
5.400	0.000	0.000	0.000	0.000	0.000
5.450	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.550	0.000	0.000	0.000	0.000	0.000
5.600	0.000	0.000	0.000	0.000	0.000
5.650	0.000	0.000	0.000	0.000	0.000
5.700	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
5.800	0.000	0.000	0.000	0.000	0.000
5.850	0.000	0.000	0.000	0.000	0.000
5.900	0.000	0.000	0.000	0.000	0.000
5.950	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	0.000	0.000	0.000	0.000	0.000
6.150	0.000	0.000	0.000	0.000	0.000
6.200	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.300	0.000	0.000	0.000	0.000	0.000
6.350	0.000	0.000	0.000	0.000	0.000
6.400	0.000	0.000	0.000	0.000	0.000
6.450	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.550	0.000	0.000	0.000	0.000	0.000
6.600	0.000	0.000	0.000	0.000	0.000
6.650	0.000	0.000	0.000	0.000	0.000
6.700	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
6.800	0.000	0.000	0.000	0.000	0.000
6.850	0.000	0.000	0.000	0.000	0.000
6.900	0.000	0.000	0.000	0.000	0.000
6.950	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.050	0.000	0.000	0.000	0.000	0.000
7.100	0.000	0.000	0.000	0.000	0.000
7.150	0.000	0.000	0.000	0.000	0.000
7.200	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.300	0.000	0.000	0.000	0.000	0.000
7.350	0.000	0.000	0.000	0.000	0.000
7.400	0.000	0.000	0.000	0.000	0.000
7.450	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.550	0.000	0.000	0.000	0.000	0.000
7.600	0.000	0.000	0.000	0.000	0.000
7.650	0.000	0.000	0.000	0.000	0.000
7.700	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
7.800	0.000	0.000	0.000	0.000	0.000
7.850	0.000	0.000	0.000	0.000	0.000
7.900	0.000	0.000	0.000	0.000	0.000
7.950	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.050	0.000	0.000	0.000	0.000	0.000
8.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	0.000	0.000	0.000	0.000	0.000
8.200	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.300	0.000	0.000	0.000	0.000	0.000
8.350	0.000	0.000	0.000	0.000	0.000
8.400	0.000	0.000	0.000	0.000	0.000
8.450	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.550	0.000	0.000	0.000	0.000	0.000
8.600	0.000	0.000	0.000	0.000	0.000
8.650	0.000	0.000	0.000	0.000	0.000
8.700	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
8.800	0.000	0.000	0.000	0.000	0.000
8.850	0.000	0.000	0.000	0.000	0.000
8.900	0.000	0.000	0.000	0.000	0.000
8.950	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.050	0.000	0.000	0.000	0.000	0.000
9.100	0.000	0.000	0.000	0.000	0.000
9.150	0.000	0.000	0.000	0.000	0.000
9.200	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.300	0.000	0.000	0.000	0.000	0.000
9.350	0.000	0.000	0.000	0.000	0.000
9.400	0.000	0.000	0.000	0.000	0.000
9.450	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.550	0.000	0.000	0.000	0.000	0.000
9.600	0.000	0.000	0.000	0.000	0.000
9.650	0.000	0.000	0.000	0.000	0.000
9.700	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
9.800	0.000	0.000	0.000	0.000	0.000
9.850	0.000	0.000	0.000	0.000	0.000
9.900	0.000	0.000	0.000	0.000	0.000
9.950	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.050	0.000	0.000	0.000	0.000	0.000
10.100	0.000	0.000	0.000	0.000	0.000
10.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	0.000	0.000	0.000	0.000	0.000
10.250	0.000	0.000	0.000	0.000	0.000
10.300	0.000	0.000	0.000	0.000	0.000
10.350	0.000	0.000	0.000	0.000	0.000
10.400	0.000	0.000	0.000	0.000	0.000
10.450	0.000	0.000	0.000	0.000	0.000
10.500	0.000	0.000	0.000	0.000	0.000
10.550	0.000	0.000	0.000	0.000	0.000
10.600	0.000	0.000	0.000	0.000	0.000
10.650	0.000	0.000	0.000	0.000	0.000
10.700	0.000	0.000	0.000	0.000	0.000
10.750	0.000	0.000	0.000	0.000	0.000
10.800	0.000	0.000	0.000	0.000	0.000
10.850	0.000	0.000	0.000	0.000	0.000
10.900	0.000	0.000	0.000	0.000	0.000
10.950	0.000	0.000	0.000	0.000	0.000
11.000	0.000	0.000	0.000	0.000	0.000
11.050	0.000	0.000	0.000	0.000	0.000
11.100	0.000	0.000	0.000	0.000	0.000
11.150	0.000	0.000	0.000	0.000	0.000
11.200	0.000	0.000	0.000	0.000	0.000
11.250	0.000	0.000	0.000	0.000	0.000
11.300	0.000	0.000	0.000	1.000	1.000
11.350	1.000	1.000	1.000	1.000	1.000
11.400	1.000	1.000	1.000	1.000	1.000
11.450	1.000	1.000	1.000	1.000	1.000
11.500	1.000	1.000	1.000	1.000	1.000
11.550	1.000	1.000	1.000	1.000	1.000
11.600	1.000	1.000	1.000	2.000	2.000
11.650	2.000	2.000	2.000	2.000	2.000
11.700	2.000	3.000	3.000	3.000	3.000
11.750	4.000	4.000	4.000	4.000	5.000
11.800	5.000	6.000	6.000	6.000	7.000
11.850	8.000	8.000	9.000	10.000	11.000
11.900	12.000	13.000	14.000	15.000	16.000
11.950	17.000	18.000	19.000	21.000	24.000
12.000	28.000	32.000	36.000	41.000	47.000
12.050	52.000	65.000	85.000	106.000	126.000
12.100	143.000	157.000	170.000	181.000	190.000
12.150	199.000	206.000	213.000	219.000	225.000
12.200	230.000	234.000	239.000	243.000	247.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	251.000	254.000	258.000	261.000	265.000
12.300	268.000	271.000	274.000	277.000	280.000
12.350	282.000	285.000	288.000	290.000	293.000
12.400	295.000	297.000	300.000	302.000	304.000
12.450	306.000	308.000	310.000	312.000	314.000
12.500	316.000	318.000	320.000	321.000	323.000
12.550	325.000	326.000	328.000	329.000	331.000
12.600	333.000	334.000	335.000	337.000	338.000
12.650	340.000	341.000	342.000	343.000	345.000
12.700	346.000	347.000	348.000	349.000	350.000
12.750	351.000	352.000	353.000	354.000	355.000
12.800	356.000	357.000	358.000	359.000	360.000
12.850	361.000	361.000	362.000	363.000	364.000
12.900	364.000	365.000	366.000	366.000	367.000
12.950	367.000	368.000	369.000	369.000	370.000
13.000	370.000	371.000	371.000	372.000	372.000
13.050	372.000	373.000	373.000	373.000	374.000
13.100	374.000	374.000	375.000	375.000	375.000
13.150	375.000	376.000	376.000	376.000	376.000
13.200	376.000	376.000	377.000	377.000	377.000
13.250	377.000	377.000	377.000	377.000	377.000
13.300	377.000	377.000	377.000	377.000	377.000
13.350	377.000	377.000	377.000	376.000	376.000
13.400	376.000	376.000	376.000	376.000	375.000
13.450	375.000	375.000	375.000	375.000	374.000
13.500	374.000	374.000	373.000	373.000	373.000
13.550	373.000	372.000	372.000	372.000	371.000
13.600	371.000	370.000	370.000	370.000	369.000
13.650	369.000	368.000	368.000	367.000	367.000
13.700	366.000	366.000	365.000	365.000	364.000
13.750	364.000	363.000	363.000	362.000	362.000
13.800	361.000	361.000	360.000	359.000	359.000
13.850	358.000	358.000	357.000	356.000	356.000
13.900	355.000	354.000	354.000	353.000	352.000
13.950	352.000	351.000	350.000	350.000	349.000
14.000	348.000	347.000	347.000	346.000	345.000
14.050	344.000	344.000	343.000	342.000	341.000
14.100	341.000	340.000	339.000	338.000	337.000
14.150	337.000	336.000	335.000	334.000	333.000
14.200	333.000	332.000	331.000	330.000	329.000
14.250	328.000	327.000	326.000	326.000	325.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	324.000	323.000	322.000	321.000	320.000
14.350	319.000	318.000	317.000	316.000	315.000
14.400	314.000	313.000	312.000	311.000	310.000
14.450	309.000	308.000	307.000	306.000	305.000
14.500	305.000	304.000	303.000	302.000	301.000
14.550	300.000	299.000	298.000	297.000	296.000
14.600	295.000	294.000	293.000	292.000	291.000
14.650	290.000	289.000	288.000	287.000	287.000
14.700	286.000	285.000	284.000	283.000	282.000
14.750	281.000	281.000	280.000	279.000	278.000
14.800	277.000	277.000	276.000	275.000	274.000
14.850	274.000	273.000	272.000	271.000	271.000
14.900	270.000	269.000	268.000	268.000	267.000
14.950	266.000	266.000	265.000	264.000	264.000
15.000	263.000	262.000	262.000	261.000	260.000
15.050	260.000	259.000	259.000	258.000	257.000
15.100	257.000	256.000	256.000	255.000	254.000
15.150	254.000	253.000	253.000	252.000	252.000
15.200	251.000	250.000	250.000	249.000	249.000
15.250	248.000	248.000	247.000	247.000	246.000
15.300	246.000	245.000	245.000	244.000	244.000
15.350	243.000	243.000	243.000	242.000	242.000
15.400	241.000	241.000	240.000	240.000	239.000
15.450	239.000	239.000	238.000	238.000	237.000
15.500	237.000	237.000	236.000	236.000	235.000
15.550	235.000	235.000	234.000	234.000	234.000
15.600	233.000	233.000	232.000	232.000	232.000
15.650	231.000	231.000	231.000	230.000	230.000
15.700	230.000	229.000	229.000	229.000	229.000
15.750	228.000	228.000	228.000	227.000	227.000
15.800	227.000	226.000	226.000	226.000	226.000
15.850	225.000	225.000	225.000	224.000	224.000
15.900	224.000	224.000	223.000	223.000	223.000
15.950	223.000	222.000	222.000	222.000	222.000
16.000	221.000	221.000	221.000	221.000	220.000
16.050	220.000	220.000	220.000	219.000	219.000
16.100	219.000	219.000	219.000	218.000	218.000
16.150	218.000	218.000	217.000	217.000	217.000
16.200	217.000	217.000	216.000	216.000	216.000
16.250	216.000	216.000	215.000	215.000	215.000
16.300	215.000	215.000	215.000	214.000	214.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	214.000	214.000	214.000	213.000	213.000
16.400	213.000	213.000	213.000	213.000	212.000
16.450	212.000	212.000	212.000	212.000	212.000
16.500	211.000	211.000	211.000	211.000	211.000
16.550	211.000	211.000	210.000	210.000	210.000
16.600	210.000	210.000	210.000	210.000	209.000
16.650	209.000	209.000	209.000	209.000	209.000
16.700	209.000	208.000	208.000	208.000	208.000
16.750	208.000	208.000	208.000	207.000	207.000
16.800	207.000	207.000	207.000	207.000	207.000
16.850	207.000	206.000	206.000	206.000	206.000
16.900	206.000	206.000	206.000	206.000	206.000
16.950	205.000	205.000	205.000	205.000	205.000
17.000	205.000	205.000	205.000	205.000	204.000
17.050	204.000	204.000	204.000	204.000	204.000
17.100	204.000	204.000	204.000	204.000	203.000
17.150	203.000	203.000	203.000	203.000	203.000
17.200	203.000	203.000	203.000	203.000	203.000
17.250	202.000	202.000	202.000	202.000	202.000
17.300	202.000	202.000	202.000	202.000	202.000
17.350	202.000	201.000	201.000	201.000	201.000
17.400	201.000	201.000	201.000	201.000	201.000
17.450	201.000	201.000	201.000	200.000	200.000
17.500	200.000	200.000	200.000	200.000	200.000
17.550	200.000	200.000	200.000	200.000	200.000
17.600	200.000	200.000	199.000	199.000	199.000
17.650	199.000	199.000	199.000	199.000	199.000
17.700	199.000	199.000	199.000	199.000	199.000
17.750	199.000	199.000	198.000	198.000	198.000
17.800	198.000	198.000	198.000	198.000	198.000
17.850	198.000	198.000	198.000	198.000	198.000
17.900	198.000	198.000	198.000	198.000	197.000
17.950	197.000	197.000	197.000	197.000	197.000
18.000	197.000	197.000	197.000	197.000	197.000
18.050	197.000	197.000	197.000	197.000	197.000
18.100	197.000	197.000	197.000	196.000	196.000
18.150	196.000	196.000	196.000	196.000	196.000
18.200	196.000	196.000	196.000	196.000	196.000
18.250	196.000	196.000	196.000	196.000	196.000
18.300	196.000	196.000	196.000	195.000	195.000
18.350	195.000	195.000	195.000	195.000	195.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	195.000	195.000	195.000	195.000	195.000
18.450	195.000	195.000	195.000	195.000	195.000
18.500	195.000	195.000	195.000	195.000	195.000
18.550	195.000	194.000	194.000	194.000	194.000
18.600	194.000	194.000	194.000	194.000	194.000
18.650	194.000	194.000	194.000	194.000	194.000
18.700	194.000	194.000	194.000	194.000	194.000
18.750	194.000	194.000	194.000	194.000	194.000
18.800	194.000	193.000	193.000	193.000	193.000
18.850	193.000	193.000	193.000	193.000	193.000
18.900	193.000	193.000	193.000	193.000	193.000
18.950	193.000	193.000	193.000	193.000	193.000
19.000	193.000	193.000	193.000	193.000	193.000
19.050	193.000	193.000	192.000	192.000	192.000
19.100	192.000	192.000	192.000	192.000	192.000
19.150	192.000	192.000	192.000	192.000	192.000
19.200	192.000	192.000	192.000	192.000	192.000
19.250	192.000	192.000	192.000	192.000	192.000
19.300	192.000	192.000	192.000	192.000	192.000
19.350	191.000	191.000	191.000	191.000	191.000
19.400	191.000	191.000	191.000	191.000	191.000
19.450	191.000	191.000	191.000	191.000	191.000
19.500	191.000	191.000	191.000	191.000	191.000
19.550	191.000	191.000	191.000	191.000	191.000
19.600	191.000	191.000	191.000	191.000	190.000
19.650	190.000	190.000	190.000	190.000	190.000
19.700	190.000	190.000	190.000	190.000	190.000
19.750	190.000	190.000	190.000	190.000	190.000
19.800	190.000	190.000	190.000	190.000	189.000
19.850	189.000	189.000	189.000	189.000	189.000
19.900	189.000	189.000	189.000	189.000	189.000
19.950	189.000	189.000	189.000	189.000	189.000
20.000	188.000	188.000	188.000	188.000	188.000
20.050	188.000	188.000	188.000	188.000	188.000
20.100	188.000	188.000	187.000	187.000	187.000
20.150	187.000	187.000	187.000	187.000	187.000
20.200	187.000	187.000	187.000	187.000	187.000
20.250	186.000	186.000	186.000	186.000	186.000
20.300	186.000	186.000	186.000	186.000	186.000
20.350	186.000	186.000	186.000	185.000	185.000
20.400	185.000	185.000	185.000	185.000	185.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	185.000	185.000	185.000	185.000	185.000
20.500	184.000	184.000	184.000	184.000	184.000
20.550	184.000	184.000	184.000	184.000	184.000
20.600	184.000	184.000	184.000	183.000	183.000
20.650	183.000	183.000	183.000	183.000	183.000
20.700	183.000	183.000	183.000	183.000	183.000
20.750	182.000	182.000	182.000	182.000	182.000
20.800	182.000	182.000	182.000	182.000	182.000
20.850	182.000	182.000	182.000	181.000	181.000
20.900	181.000	181.000	181.000	181.000	181.000
20.950	181.000	181.000	181.000	181.000	181.000
21.000	180.000	180.000	180.000	180.000	180.000
21.050	180.000	180.000	180.000	180.000	180.000
21.100	180.000	180.000	180.000	179.000	179.000
21.150	179.000	179.000	179.000	179.000	179.000
21.200	179.000	179.000	179.000	179.000	179.000
21.250	179.000	178.000	178.000	178.000	178.000
21.300	178.000	178.000	178.000	178.000	178.000
21.350	178.000	178.000	178.000	177.000	177.000
21.400	177.000	177.000	177.000	177.000	177.000
21.450	177.000	177.000	177.000	177.000	177.000
21.500	177.000	176.000	176.000	176.000	176.000
21.550	176.000	176.000	176.000	176.000	176.000
21.600	176.000	176.000	176.000	175.000	175.000
21.650	175.000	175.000	175.000	175.000	175.000
21.700	175.000	175.000	175.000	175.000	175.000
21.750	174.000	174.000	174.000	174.000	174.000
21.800	174.000	174.000	174.000	174.000	174.000
21.850	174.000	174.000	174.000	173.000	173.000
21.900	173.000	173.000	173.000	173.000	173.000
21.950	173.000	173.000	173.000	173.000	173.000
22.000	172.000	172.000	172.000	172.000	172.000
22.050	172.000	172.000	172.000	172.000	172.000
22.100	172.000	172.000	172.000	171.000	171.000
22.150	171.000	171.000	171.000	171.000	171.000
22.200	171.000	171.000	171.000	171.000	171.000
22.250	170.000	170.000	170.000	170.000	170.000
22.300	170.000	170.000	170.000	170.000	170.000
22.350	170.000	170.000	170.000	169.000	169.000
22.400	169.000	169.000	169.000	169.000	169.000
22.450	169.000	169.000	169.000	169.000	169.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	168.000	168.000	168.000	168.000	168.000
22.550	168.000	168.000	168.000	168.000	168.000
22.600	168.000	168.000	167.000	167.000	167.000
22.650	167.000	167.000	167.000	167.000	167.000
22.700	167.000	167.000	167.000	167.000	167.000
22.750	166.000	166.000	166.000	166.000	166.000
22.800	166.000	166.000	166.000	166.000	166.000
22.850	166.000	166.000	165.000	165.000	165.000
22.900	165.000	165.000	165.000	165.000	165.000
22.950	165.000	165.000	165.000	165.000	165.000
23.000	164.000	164.000	164.000	164.000	164.000
23.050	164.000	164.000	164.000	164.000	164.000
23.100	164.000	164.000	163.000	163.000	163.000
23.150	163.000	163.000	163.000	163.000	163.000
23.200	163.000	163.000	163.000	163.000	162.000
23.250	162.000	162.000	162.000	162.000	162.000
23.300	162.000	162.000	162.000	162.000	162.000
23.350	162.000	162.000	161.000	161.000	161.000
23.400	161.000	161.000	161.000	161.000	161.000
23.450	161.000	161.000	161.000	161.000	160.000
23.500	160.000	160.000	160.000	160.000	160.000
23.550	160.000	160.000	160.000	160.000	160.000
23.600	160.000	159.000	159.000	159.000	159.000
23.650	159.000	159.000	159.000	159.000	159.000
23.700	159.000	159.000	159.000	159.000	158.000
23.750	158.000	158.000	158.000	158.000	158.000
23.800	158.000	158.000	158.000	158.000	158.000
23.850	158.000	157.000	157.000	157.000	157.000
23.900	157.000	157.000	157.000	157.000	157.000
23.950	157.000	157.000	157.000	156.000	156.000
24.000	156.000	156.000	156.000	156.000	156.000
24.050	156.000	156.000	156.000	156.000	156.000
24.100	155.000	155.000	155.000	155.000	155.000
24.150	155.000	155.000	155.000	155.000	155.000
24.200	154.000	154.000	154.000	154.000	154.000
24.250	154.000	154.000	154.000	154.000	154.000
24.300	153.000	153.000	153.000	153.000	153.000
24.350	153.000	153.000	153.000	153.000	153.000
24.400	153.000	152.000	152.000	152.000	152.000
24.450	152.000	152.000	152.000	152.000	152.000
24.500	152.000	151.000	151.000	151.000	151.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	151.000	151.000	151.000	151.000	151.000
24.600	151.000	150.000	150.000	150.000	150.000
24.650	150.000	150.000	150.000	150.000	150.000
24.700	150.000	150.000	149.000	149.000	149.000
24.750	149.000	149.000	149.000	149.000	149.000
24.800	149.000	149.000	148.000	148.000	148.000
24.850	148.000	148.000	148.000	148.000	148.000
24.900	148.000	148.000	147.000	147.000	147.000
24.950	147.000	147.000	147.000	147.000	147.000
25.000	147.000	147.000	146.000	146.000	146.000
25.050	146.000	146.000	146.000	146.000	146.000
25.100	146.000	146.000	146.000	145.000	145.000
25.150	145.000	145.000	145.000	145.000	145.000
25.200	145.000	145.000	145.000	144.000	144.000
25.250	144.000	144.000	144.000	144.000	144.000
25.300	144.000	144.000	144.000	143.000	143.000
25.350	143.000	143.000	143.000	143.000	143.000
25.400	143.000	143.000	143.000	143.000	142.000
25.450	142.000	142.000	142.000	142.000	142.000
25.500	142.000	142.000	142.000	142.000	141.000
25.550	141.000	141.000	141.000	141.000	141.000
25.600	141.000	141.000	141.000	141.000	140.000
25.650	140.000	140.000	140.000	140.000	140.000
25.700	140.000	140.000	140.000	140.000	139.000
25.750	139.000	139.000	139.000	139.000	139.000
25.800	139.000	139.000	139.000	139.000	139.000
25.850	138.000	138.000	138.000	138.000	138.000
25.900	138.000	138.000	138.000	138.000	138.000
25.950	137.000	137.000	137.000	137.000	137.000
26.000	137.000	137.000	137.000	137.000	137.000
26.050	136.000	136.000	136.000	136.000	136.000
26.100	136.000	136.000	136.000	136.000	136.000
26.150	136.000	135.000	135.000	135.000	135.000
26.200	135.000	135.000	135.000	135.000	135.000
26.250	135.000	134.000	134.000	134.000	134.000
26.300	134.000	134.000	134.000	134.000	134.000
26.350	134.000	133.000	133.000	133.000	133.000
26.400	133.000	133.000	133.000	133.000	133.000
26.450	133.000	132.000	132.000	132.000	132.000
26.500	132.000	132.000	132.000	132.000	132.000
26.550	132.000	132.000	131.000	131.000	131.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	131.000	131.000	131.000	131.000	131.000
26.650	131.000	131.000	130.000	130.000	130.000
26.700	130.000	130.000	130.000	130.000	130.000
26.750	130.000	130.000	129.000	129.000	129.000
26.800	129.000	129.000	129.000	129.000	129.000
26.850	129.000	129.000	129.000	128.000	128.000
26.900	128.000	128.000	128.000	128.000	128.000
26.950	128.000	128.000	128.000	127.000	127.000
27.000	127.000	127.000	127.000	127.000	127.000
27.050	127.000	127.000	127.000	126.000	126.000
27.100	126.000	126.000	126.000	126.000	126.000
27.150	126.000	126.000	126.000	125.000	125.000
27.200	125.000	125.000	125.000	125.000	125.000
27.250	125.000	125.000	125.000	125.000	124.000
27.300	124.000	124.000	124.000	124.000	124.000
27.350	124.000	124.000	124.000	124.000	123.000
27.400	123.000	123.000	123.000	123.000	123.000
27.450	123.000	123.000	123.000	123.000	122.000
27.500	122.000	122.000	122.000	122.000	122.000
27.550	122.000	122.000	122.000	122.000	122.000
27.600	121.000	121.000	121.000	121.000	121.000
27.650	121.000	121.000	121.000	121.000	121.000
27.700	120.000	120.000	120.000	120.000	120.000
27.750	120.000	120.000	120.000	120.000	120.000
27.800	119.000	119.000	119.000	119.000	119.000
27.850	119.000	119.000	119.000	119.000	119.000
27.900	118.000	118.000	118.000	118.000	118.000
27.950	118.000	118.000	118.000	118.000	118.000
28.000	118.000	117.000	117.000	117.000	117.000
28.050	117.000	117.000	117.000	117.000	117.000
28.100	117.000	116.000	116.000	116.000	116.000
28.150	116.000	116.000	116.000	116.000	116.000
28.200	116.000	115.000	115.000	115.000	115.000
28.250	115.000	115.000	115.000	115.000	115.000
28.300	115.000	115.000	114.000	114.000	114.000
28.350	114.000	114.000	114.000	114.000	114.000
28.400	114.000	114.000	113.000	113.000	113.000
28.450	113.000	113.000	113.000	113.000	113.000
28.500	113.000	113.000	112.000	112.000	112.000
28.550	112.000	112.000	112.000	112.000	112.000
28.600	112.000	112.000	111.000	111.000	111.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	111.000	111.000	111.000	111.000	111.000
28.700	111.000	111.000	111.000	110.000	110.000
28.750	110.000	110.000	110.000	110.000	110.000
28.800	110.000	110.000	110.000	109.000	109.000
28.850	109.000	109.000	109.000	109.000	109.000
28.900	109.000	109.000	109.000	108.000	108.000
28.950	108.000	108.000	108.000	108.000	108.000
29.000	108.000	108.000	108.000	108.000	107.000
29.050	107.000	107.000	107.000	107.000	107.000
29.100	107.000	107.000	107.000	107.000	106.000
29.150	106.000	106.000	106.000	106.000	106.000
29.200	106.000	106.000	106.000	106.000	105.000
29.250	105.000	105.000	105.000	105.000	105.000
29.300	105.000	105.000	105.000	105.000	104.000
29.350	104.000	104.000	104.000	104.000	104.000
29.400	104.000	104.000	104.000	104.000	104.000
29.450	103.000	103.000	103.000	103.000	103.000
29.500	103.000	103.000	103.000	103.000	103.000
29.550	102.000	102.000	102.000	102.000	102.000
29.600	102.000	102.000	102.000	102.000	102.000
29.650	101.000	101.000	101.000	101.000	101.000
29.700	101.000	101.000	101.000	101.000	101.000
29.750	101.000	100.000	100.000	100.000	100.000
29.800	100.000	100.000	100.000	100.000	100.000
29.850	100.000	99.000	99.000	99.000	99.000
29.900	99.000	99.000	99.000	99.000	99.000
29.950	99.000	98.000	98.000	98.000	98.000
30.000	98.000	98.000	98.000	98.000	98.000
30.050	98.000	98.000	97.000	97.000	97.000
30.100	97.000	97.000	97.000	97.000	97.000
30.150	97.000	97.000	96.000	96.000	96.000
30.200	96.000	96.000	96.000	96.000	96.000
30.250	96.000	96.000	95.000	95.000	95.000
30.300	95.000	95.000	95.000	95.000	95.000
30.350	95.000	95.000	94.000	94.000	94.000
30.400	94.000	94.000	94.000	94.000	94.000
30.450	94.000	94.000	94.000	93.000	93.000
30.500	93.000	93.000	93.000	93.000	93.000
30.550	93.000	93.000	93.000	92.000	92.000
30.600	92.000	92.000	92.000	92.000	92.000
30.650	92.000	92.000	92.000	91.000	91.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	91.000	91.000	91.000	91.000	91.000
30.750	91.000	91.000	91.000	91.000	90.000
30.800	90.000	90.000	90.000	90.000	90.000
30.850	90.000	90.000	90.000	90.000	89.000
30.900	89.000	89.000	89.000	89.000	89.000
30.950	89.000	89.000	89.000	89.000	88.000
31.000	88.000	88.000	88.000	88.000	88.000
31.050	88.000	88.000	88.000	88.000	87.000
31.100	87.000	87.000	87.000	87.000	87.000
31.150	87.000	87.000	87.000	87.000	87.000
31.200	86.000	86.000	86.000	86.000	86.000
31.250	86.000	86.000	86.000	86.000	86.000
31.300	85.000	85.000	85.000	85.000	85.000
31.350	85.000	85.000	85.000	85.000	85.000
31.400	84.000	84.000	84.000	84.000	84.000
31.450	84.000	84.000	84.000	84.000	84.000
31.500	84.000	83.000	83.000	83.000	83.000
31.550	83.000	83.000	83.000	83.000	83.000
31.600	83.000	82.000	82.000	82.000	82.000
31.650	82.000	82.000	82.000	82.000	82.000
31.700	82.000	81.000	81.000	81.000	81.000
31.750	81.000	81.000	81.000	81.000	81.000
31.800	81.000	80.000	80.000	80.000	80.000
31.850	80.000	80.000	80.000	80.000	80.000
31.900	80.000	80.000	79.000	79.000	79.000
31.950	79.000	79.000	79.000	79.000	79.000
32.000	79.000	79.000	78.000	78.000	78.000
32.050	78.000	78.000	78.000	78.000	78.000
32.100	78.000	78.000	77.000	77.000	77.000
32.150	77.000	77.000	77.000	77.000	77.000
32.200	77.000	77.000	77.000	76.000	76.000
32.250	76.000	76.000	76.000	76.000	76.000
32.300	76.000	76.000	76.000	75.000	75.000
32.350	75.000	75.000	75.000	75.000	75.000
32.400	75.000	75.000	75.000	74.000	74.000
32.450	74.000	74.000	74.000	74.000	74.000
32.500	74.000	74.000	74.000	73.000	73.000
32.550	73.000	73.000	73.000	73.000	73.000
32.600	73.000	73.000	73.000	73.000	72.000
32.650	72.000	72.000	72.000	72.000	72.000
32.700	72.000	72.000	72.000	72.000	71.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	71.000	71.000	71.000	71.000	71.000
32.800	71.000	71.000	71.000	71.000	70.000
32.850	70.000	70.000	70.000	70.000	70.000
32.900	70.000	70.000	70.000	70.000	70.000
32.950	69.000	69.000	69.000	69.000	69.000
33.000	69.000	69.000	69.000	69.000	69.000
33.050	68.000	68.000	68.000	68.000	68.000
33.100	68.000	68.000	68.000	68.000	68.000
33.150	67.000	67.000	67.000	67.000	67.000
33.200	67.000	67.000	67.000	67.000	67.000
33.250	66.000	66.000	66.000	66.000	66.000
33.300	66.000	66.000	66.000	66.000	66.000
33.350	66.000	65.000	65.000	65.000	65.000
33.400	65.000	65.000	65.000	65.000	65.000
33.450	65.000	64.000	64.000	64.000	64.000
33.500	64.000	64.000	64.000	64.000	64.000
33.550	64.000	63.000	63.000	63.000	63.000
33.600	63.000	63.000	63.000	63.000	63.000
33.650	63.000	63.000	62.000	62.000	62.000
33.700	62.000	62.000	62.000	62.000	62.000
33.750	62.000	62.000	61.000	61.000	61.000
33.800	61.000	61.000	61.000	61.000	61.000
33.850	61.000	61.000	60.000	60.000	60.000
33.900	60.000	60.000	60.000	60.000	60.000
33.950	60.000	60.000	59.000	59.000	59.000
34.000	59.000	59.000	59.000	59.000	59.000
34.050	59.000	59.000	59.000	58.000	58.000
34.100	58.000	58.000	58.000	58.000	58.000
34.150	58.000	58.000	58.000	57.000	57.000
34.200	57.000	57.000	57.000	57.000	57.000
34.250	57.000	57.000	57.000	56.000	56.000
34.300	56.000	56.000	56.000	56.000	56.000
34.350	56.000	56.000	56.000	56.000	55.000
34.400	55.000	55.000	55.000	55.000	55.000
34.450	55.000	55.000	55.000	55.000	54.000
34.500	54.000	54.000	54.000	54.000	54.000
34.550	54.000	54.000	54.000	54.000	53.000
34.600	53.000	53.000	53.000	53.000	53.000
34.650	53.000	53.000	53.000	53.000	52.000
34.700	52.000	52.000	52.000	52.000	52.000
34.750	52.000	52.000	52.000	52.000	52.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	51.000	51.000	51.000	51.000	51.000
34.850	51.000	51.000	51.000	51.000	51.000
34.900	50.000	50.000	50.000	50.000	50.000
34.950	50.000	50.000	50.000	50.000	50.000
35.000	49.000	49.000	49.000	49.000	49.000
35.050	49.000	49.000	49.000	49.000	49.000
35.100	49.000	48.000	48.000	48.000	48.000
35.150	48.000	48.000	48.000	48.000	48.000
35.200	48.000	47.000	47.000	47.000	47.000
35.250	47.000	47.000	47.000	47.000	47.000
35.300	47.000	46.000	46.000	46.000	46.000
35.350	46.000	46.000	46.000	46.000	46.000
35.400	46.000	45.000	45.000	45.000	45.000
35.450	45.000	45.000	45.000	45.000	45.000
35.500	45.000	45.000	44.000	44.000	44.000
35.550	44.000	44.000	44.000	44.000	44.000
35.600	44.000	44.000	43.000	43.000	43.000
35.650	43.000	43.000	43.000	43.000	43.000
35.700	43.000	43.000	42.000	42.000	42.000
35.750	42.000	42.000	42.000	42.000	42.000
35.800	42.000	42.000	42.000	41.000	41.000
35.850	41.000	41.000	41.000	41.000	41.000
35.900	41.000	41.000	41.000	40.000	40.000
35.950	40.000	40.000	40.000	40.000	40.000
36.000	40.000	40.000	40.000	39.000	39.000
36.050	39.000	39.000	39.000	39.000	39.000
36.100	39.000	39.000	39.000	39.000	38.000
36.150	38.000	38.000	38.000	38.000	38.000
36.200	38.000	38.000	38.000	38.000	37.000
36.250	37.000	37.000	37.000	37.000	37.000
36.300	37.000	37.000	37.000	37.000	36.000
36.350	36.000	36.000	36.000	36.000	36.000
36.400	36.000	36.000	36.000	36.000	35.000
36.450	35.000	35.000	35.000	35.000	35.000
36.500	35.000	35.000	35.000	35.000	35.000
36.550	34.000	34.000	34.000	34.000	34.000
36.600	34.000	34.000	34.000	34.000	34.000
36.650	33.000	33.000	33.000	33.000	33.000
36.700	33.000	33.000	33.000	33.000	33.000
36.750	32.000	32.000	32.000	32.000	32.000
36.800	32.000	32.000	32.000	32.000	32.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	32.000	31.000	31.000	31.000	31.000
36.900	31.000	31.000	31.000	31.000	31.000
36.950	31.000	30.000	30.000	30.000	30.000
37.000	30.000	30.000	30.000	30.000	30.000
37.050	30.000	29.000	29.000	29.000	29.000
37.100	29.000	29.000	29.000	29.000	29.000
37.150	29.000	28.000	28.000	28.000	28.000
37.200	28.000	28.000	28.000	28.000	28.000
37.250	28.000	28.000	27.000	27.000	27.000
37.300	27.000	27.000	27.000	27.000	27.000
37.350	27.000	27.000	26.000	26.000	26.000
37.400	26.000	26.000	26.000	26.000	26.000
37.450	26.000	26.000	25.000	25.000	25.000
37.500	25.000	25.000	25.000	25.000	25.000
37.550	25.000	25.000	25.000	24.000	24.000
37.600	24.000	24.000	24.000	24.000	24.000
37.650	24.000	24.000	24.000	23.000	23.000
37.700	23.000	23.000	23.000	23.000	23.000
37.750	23.000	23.000	23.000	22.000	22.000
37.800	22.000	22.000	22.000	22.000	22.000
37.850	22.000	22.000	22.000	21.000	21.000
37.900	21.000	21.000	21.000	21.000	21.000
37.950	21.000	21.000	21.000	21.000	20.000
38.000	20.000	20.000	20.000	20.000	20.000
38.050	20.000	20.000	20.000	20.000	19.000
38.100	19.000	19.000	19.000	19.000	19.000
38.150	19.000	19.000	19.000	19.000	19.000
38.200	19.000	18.000	18.000	18.000	18.000
38.250	18.000	18.000	18.000	18.000	18.000
38.300	18.000	18.000	17.000	17.000	17.000
38.350	17.000	17.000	17.000	17.000	17.000
38.400	17.000	17.000	17.000	17.000	17.000
38.450	16.000	16.000	16.000	16.000	16.000
38.500	16.000	16.000	16.000	16.000	16.000
38.550	16.000	16.000	16.000	15.000	15.000
38.600	15.000	15.000	15.000	15.000	15.000
38.650	15.000	15.000	15.000	15.000	15.000
38.700	15.000	15.000	15.000	14.000	14.000
38.750	14.000	14.000	14.000	14.000	14.000
38.800	14.000	14.000	14.000	14.000	14.000
38.850	14.000	14.000	14.000	13.000	13.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	13.000	13.000	13.000	13.000	13.000
38.950	13.000	13.000	13.000	13.000	13.000
39.000	13.000	13.000	13.000	13.000	12.000
39.050	12.000	12.000	12.000	12.000	12.000
39.100	12.000	12.000	12.000	12.000	12.000
39.150	12.000	12.000	12.000	12.000	12.000
39.200	12.000	12.000	11.000	11.000	11.000
39.250	11.000	11.000	11.000	11.000	11.000
39.300	11.000	11.000	11.000	11.000	11.000
39.350	11.000	11.000	11.000	11.000	11.000
39.400	11.000	11.000	10.000	10.000	10.000
39.450	10.000	10.000	10.000	10.000	10.000
39.500	10.000	10.000	10.000	10.000	10.000
39.550	10.000	10.000	10.000	10.000	10.000
39.600	10.000	10.000	10.000	9.000	9.000
39.650	9.000	9.000	9.000	9.000	9.000
39.700	9.000	9.000	9.000	9.000	9.000
39.750	9.000	9.000	9.000	9.000	9.000
39.800	9.000	9.000	9.000	9.000	9.000
39.850	9.000	9.000	8.000	8.000	8.000
39.900	8.000	8.000	8.000	8.000	8.000
39.950	8.000	8.000	8.000	8.000	8.000
40.000	8.000	8.000	8.000	8.000	8.000
40.050	8.000	8.000	8.000	8.000	8.000
40.100	8.000	8.000	8.000	7.000	7.000
40.150	7.000	7.000	7.000	7.000	7.000
40.200	7.000	7.000	7.000	7.000	7.000
40.250	7.000	7.000	7.000	7.000	7.000
40.300	7.000	7.000	7.000	7.000	7.000
40.350	7.000	7.000	7.000	7.000	7.000
40.400	7.000	7.000	7.000	7.000	6.000
40.450	6.000	6.000	6.000	6.000	6.000
40.500	6.000	6.000	6.000	6.000	6.000
40.550	6.000	6.000	6.000	6.000	6.000
40.600	6.000	6.000	6.000	6.000	6.000
40.650	6.000	6.000	6.000	6.000	6.000
40.700	6.000	6.000	6.000	6.000	6.000
40.750	6.000	6.000	6.000	6.000	6.000
40.800	5.000	5.000	5.000	5.000	5.000
40.850	5.000	5.000	5.000	5.000	5.000
40.900	5.000	5.000	5.000	5.000	5.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	5.000	5.000	5.000	5.000	5.000
41.000	5.000	5.000	5.000	5.000	5.000
41.050	5.000	5.000	5.000	5.000	5.000
41.100	5.000	5.000	5.000	5.000	5.000
41.150	5.000	5.000	5.000	5.000	5.000
41.200	5.000	5.000	4.000	4.000	4.000
41.250	4.000	4.000	4.000	4.000	4.000
41.300	4.000	4.000	4.000	4.000	4.000
41.350	4.000	4.000	4.000	4.000	4.000
41.400	4.000	4.000	4.000	4.000	4.000
41.450	4.000	4.000	4.000	4.000	4.000
41.500	4.000	4.000	4.000	4.000	4.000
41.550	4.000	4.000	4.000	4.000	4.000
41.600	4.000	4.000	4.000	4.000	4.000
41.650	4.000	4.000	4.000	4.000	4.000
41.700	4.000	4.000	4.000	4.000	4.000
41.750	4.000	3.000	3.000	3.000	3.000
41.800	3.000	3.000	3.000	3.000	3.000
41.850	3.000	3.000	3.000	3.000	3.000
41.900	3.000	3.000	3.000	3.000	3.000
41.950	3.000	3.000	3.000	3.000	3.000
42.000	3.000	3.000	3.000	3.000	3.000
42.050	3.000	3.000	3.000	3.000	3.000
42.100	3.000	3.000	3.000	3.000	3.000
42.150	3.000	3.000	3.000	3.000	3.000
42.200	3.000	3.000	3.000	3.000	3.000
42.250	3.000	3.000	3.000	3.000	3.000
42.300	3.000	3.000	3.000	3.000	3.000
42.350	3.000	3.000	3.000	3.000	3.000
42.400	3.000	3.000	3.000	3.000	3.000
42.450	3.000	3.000	3.000	2.000	2.000
42.500	2.000	2.000	2.000	2.000	2.000
42.550	2.000	2.000	2.000	2.000	2.000
42.600	2.000	2.000	2.000	2.000	2.000
42.650	2.000	2.000	2.000	2.000	2.000
42.700	2.000	2.000	2.000	2.000	2.000
42.750	2.000	2.000	2.000	2.000	2.000
42.800	2.000	2.000	2.000	2.000	2.000
42.850	2.000	2.000	2.000	2.000	2.000
42.900	2.000	2.000	2.000	2.000	2.000
42.950	2.000	2.000	2.000	2.000	2.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	2.000	2.000	2.000	2.000	2.000
43.050	2.000	2.000	2.000	2.000	2.000
43.100	2.000	2.000	2.000	2.000	2.000
43.150	2.000	2.000	2.000	2.000	2.000
43.200	2.000	2.000	2.000	2.000	2.000
43.250	2.000	2.000	2.000	2.000	2.000
43.300	2.000	2.000	2.000	2.000	2.000
43.350	2.000	2.000	2.000	2.000	2.000
43.400	2.000	2.000	2.000	2.000	2.000
43.450	2.000	2.000	2.000	2.000	2.000
43.500	2.000	2.000	2.000	2.000	2.000
43.550	2.000	2.000	1.000	1.000	1.000
43.600	1.000	1.000	1.000	1.000	1.000
43.650	1.000	1.000	1.000	1.000	1.000
43.700	1.000	1.000	1.000	1.000	1.000
43.750	1.000	1.000	1.000	1.000	1.000
43.800	1.000	1.000	1.000	1.000	1.000
43.850	1.000	1.000	1.000	1.000	1.000
43.900	1.000	1.000	1.000	1.000	1.000
43.950	1.000	1.000	1.000	1.000	1.000
44.000	1.000	1.000	1.000	1.000	1.000
44.050	1.000	1.000	1.000	1.000	1.000
44.100	1.000	1.000	1.000	1.000	1.000
44.150	1.000	1.000	1.000	1.000	1.000
44.200	1.000	1.000	1.000	1.000	1.000
44.250	1.000	1.000	1.000	1.000	1.000
44.300	1.000	1.000	1.000	1.000	1.000
44.350	1.000	1.000	1.000	1.000	1.000
44.400	1.000	1.000	1.000	1.000	1.000
44.450	1.000	1.000	1.000	1.000	1.000
44.500	1.000	1.000	1.000	1.000	1.000
44.550	1.000	1.000	1.000	1.000	1.000
44.600	1.000	1.000	1.000	1.000	1.000
44.650	1.000	1.000	1.000	1.000	1.000
44.700	1.000	1.000	1.000	1.000	1.000
44.750	1.000	1.000	1.000	1.000	1.000
44.800	1.000	1.000	1.000	1.000	1.000
44.850	1.000	1.000	1.000	1.000	1.000
44.900	1.000	1.000	1.000	1.000	1.000
44.950	1.000	1.000	1.000	1.000	1.000
45.000	1.000	1.000	1.000	1.000	1.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	1.000	1.000	1.000	1.000	1.000
45.100	1.000	1.000	1.000	1.000	1.000
45.150	1.000	1.000	1.000	1.000	1.000
45.200	1.000	1.000	1.000	1.000	1.000
45.250	1.000	1.000	1.000	1.000	1.000
45.300	1.000	1.000	1.000	1.000	1.000
45.350	1.000	1.000	1.000	1.000	1.000
45.400	1.000	1.000	1.000	1.000	1.000
45.450	1.000	1.000	1.000	1.000	1.000
45.500	1.000	1.000	1.000	1.000	1.000
45.550	1.000	1.000	1.000	1.000	1.000
45.600	1.000	1.000	1.000	1.000	1.000
45.650	1.000	1.000	1.000	1.000	1.000
45.700	1.000	1.000	1.000	1.000	1.000
45.750	1.000	1.000	1.000	1.000	1.000
45.800	1.000	1.000	1.000	1.000	1.000
45.850	1.000	1.000	1.000	1.000	1.000
45.900	1.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-2
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	0.000	0.000
4.100	0.000	0.000	0.000	0.000	0.000
4.150	0.000	0.000	0.000	0.000	0.000
4.200	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.300	0.000	0.000	0.000	0.000	0.000
4.350	0.000	0.000	0.000	0.000	0.000
4.400	0.000	0.000	0.000	0.000	0.000
4.450	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.550	0.000	0.000	0.000	0.000	0.000
4.600	0.000	0.000	0.000	0.000	0.000
4.650	0.000	0.000	0.000	0.000	0.000
4.700	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
4.800	0.000	0.000	0.000	0.000	0.000
4.850	0.000	0.000	0.000	0.000	0.000
4.900	0.000	0.000	0.000	0.000	0.000
4.950	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.050	0.000	0.000	0.000	0.000	0.000
5.100	0.000	0.000	0.000	0.000	0.000
5.150	0.000	0.000	0.000	0.000	0.000
5.200	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.300	0.000	0.000	0.000	0.000	0.000
5.350	0.000	0.000	0.000	0.000	0.000
5.400	0.000	0.000	0.000	0.000	0.000
5.450	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.550	0.000	0.000	0.000	0.000	0.000
5.600	0.000	0.000	0.000	0.000	0.000
5.650	0.000	0.000	0.000	0.000	0.000
5.700	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
5.800	0.000	0.000	0.000	0.000	0.000
5.850	0.000	0.000	0.000	0.000	0.000
5.900	0.000	0.000	0.000	0.000	0.000
5.950	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	0.000	0.000	0.000	0.000	0.000
6.150	0.000	0.000	0.000	0.000	0.000
6.200	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.300	0.000	0.000	0.000	0.000	0.000
6.350	0.000	0.000	0.000	0.000	0.000
6.400	0.000	0.000	0.000	0.000	0.000
6.450	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.550	0.000	0.000	0.000	0.000	0.000
6.600	0.000	0.000	0.000	0.000	0.000
6.650	0.000	0.000	0.000	0.000	0.000
6.700	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
6.800	0.000	0.000	0.000	0.000	0.000
6.850	0.000	0.000	0.000	0.000	0.000
6.900	0.000	0.000	0.000	0.000	0.000
6.950	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.050	0.000	0.000	0.000	0.000	0.000
7.100	0.000	0.000	0.000	0.000	0.000
7.150	0.000	0.000	0.000	0.000	0.000
7.200	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.300	0.000	0.000	0.000	0.000	0.000
7.350	0.000	0.000	0.000	0.000	0.000
7.400	0.000	0.000	0.000	0.000	0.000
7.450	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.550	0.000	0.000	0.000	0.000	0.000
7.600	0.000	0.000	0.000	0.000	0.000
7.650	0.000	0.000	0.000	0.000	0.000
7.700	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
7.800	0.000	0.000	0.000	0.000	0.000
7.850	0.000	0.000	0.000	0.000	0.000
7.900	0.000	0.000	0.000	0.000	0.000
7.950	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.050	0.000	0.000	0.000	0.000	0.000
8.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	0.000	0.000	0.000	0.000	0.000
8.200	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.300	0.000	0.000	0.000	0.000	0.000
8.350	0.000	0.000	0.000	0.000	0.000
8.400	0.000	0.000	0.000	0.000	0.000
8.450	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.550	0.000	0.000	0.000	0.000	0.000
8.600	0.000	0.000	0.000	0.000	0.000
8.650	0.000	0.000	0.000	0.000	0.000
8.700	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
8.800	0.000	0.000	0.000	0.000	0.000
8.850	0.000	0.000	0.000	0.000	0.000
8.900	0.000	0.000	0.000	0.000	0.000
8.950	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.050	0.000	0.000	0.000	0.000	0.000
9.100	0.000	0.000	0.000	0.000	0.000
9.150	0.000	0.000	0.000	0.000	0.000
9.200	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.300	0.000	0.000	0.000	0.000	0.000
9.350	0.000	0.000	0.000	0.000	0.000
9.400	0.000	0.000	0.000	0.000	0.000
9.450	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.550	0.000	0.000	0.000	0.000	0.000
9.600	0.000	0.000	0.000	0.000	0.000
9.650	0.000	0.000	0.000	0.000	0.000
9.700	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
9.800	0.000	0.000	0.000	0.000	0.000
9.850	0.000	0.000	0.000	0.000	0.000
9.900	0.000	0.000	0.000	0.000	0.000
9.950	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.050	0.000	0.000	0.000	0.000	0.000
10.100	0.000	0.000	0.000	0.000	0.000
10.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	0.000	0.000	0.000	0.000	0.000
10.250	0.000	0.000	0.000	0.000	0.000
10.300	0.000	0.000	0.000	0.000	0.000
10.350	0.000	0.000	0.000	0.000	0.000
10.400	0.000	0.000	0.000	0.000	0.000
10.450	0.000	0.000	0.000	0.000	0.000
10.500	0.000	0.000	0.000	0.000	0.000
10.550	0.000	0.000	0.000	0.000	0.000
10.600	0.000	0.000	0.000	0.000	0.000
10.650	0.000	0.000	0.000	0.000	0.000
10.700	0.000	0.000	0.000	0.000	0.000
10.750	0.000	0.000	0.000	0.000	0.000
10.800	0.000	0.000	0.000	0.000	0.000
10.850	0.000	0.000	0.000	0.000	0.000
10.900	0.000	0.000	0.000	0.000	0.000
10.950	0.000	0.000	0.000	0.000	0.000
11.000	0.000	0.000	0.000	0.000	0.000
11.050	0.000	0.000	0.000	0.000	0.000
11.100	0.000	0.000	0.000	0.000	0.000
11.150	0.000	0.000	0.000	0.000	0.000
11.200	0.000	0.000	0.000	0.000	0.000
11.250	0.000	0.000	0.000	1.000	1.000
11.300	1.000	1.000	1.000	1.000	1.000
11.350	1.000	1.000	1.000	1.000	1.000
11.400	1.000	1.000	1.000	1.000	1.000
11.450	1.000	1.000	1.000	1.000	1.000
11.500	1.000	1.000	1.000	1.000	1.000
11.550	1.000	1.000	1.000	1.000	1.000
11.600	2.000	2.000	2.000	2.000	2.000
11.650	2.000	2.000	2.000	2.000	3.000
11.700	3.000	3.000	3.000	4.000	4.000
11.750	4.000	4.000	5.000	5.000	6.000
11.800	6.000	8.000	9.000	11.000	14.000
11.850	17.000	21.000	25.000	30.000	35.000
11.900	41.000	57.000	88.000	126.000	166.000
11.950	207.000	247.000	285.000	321.000	356.000
12.000	388.000	419.000	448.000	476.000	502.000
12.050	526.000	540.000	543.000	542.000	540.000
12.100	537.000	535.000	533.000	532.000	531.000
12.150	530.000	529.000	529.000	528.000	528.000
12.200	528.000	528.000	528.000	527.000	527.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	527.000	527.000	527.000	527.000	527.000
12.300	527.000	527.000	527.000	527.000	527.000
12.350	527.000	527.000	527.000	527.000	527.000
12.400	527.000	527.000	527.000	527.000	527.000
12.450	527.000	527.000	527.000	527.000	527.000
12.500	527.000	527.000	527.000	526.000	526.000
12.550	526.000	526.000	526.000	526.000	526.000
12.600	526.000	526.000	525.000	525.000	525.000
12.650	525.000	525.000	524.000	524.000	524.000
12.700	524.000	524.000	523.000	523.000	523.000
12.750	523.000	522.000	522.000	522.000	522.000
12.800	521.000	521.000	521.000	520.000	520.000
12.850	519.000	519.000	519.000	518.000	518.000
12.900	517.000	517.000	517.000	516.000	516.000
12.950	515.000	515.000	514.000	514.000	513.000
13.000	513.000	512.000	511.000	511.000	510.000
13.050	510.000	509.000	508.000	508.000	507.000
13.100	506.000	506.000	505.000	504.000	504.000
13.150	503.000	502.000	501.000	501.000	500.000
13.200	499.000	498.000	497.000	497.000	496.000
13.250	495.000	494.000	493.000	492.000	491.000
13.300	491.000	490.000	489.000	488.000	487.000
13.350	486.000	485.000	484.000	483.000	482.000
13.400	481.000	480.000	479.000	478.000	477.000
13.450	476.000	475.000	474.000	473.000	472.000
13.500	471.000	470.000	468.000	467.000	466.000
13.550	465.000	464.000	463.000	462.000	461.000
13.600	459.000	458.000	457.000	456.000	455.000
13.650	454.000	453.000	451.000	450.000	449.000
13.700	448.000	447.000	445.000	444.000	443.000
13.750	442.000	440.000	439.000	438.000	437.000
13.800	435.000	434.000	433.000	431.000	430.000
13.850	429.000	427.000	426.000	425.000	424.000
13.900	422.000	421.000	420.000	418.000	417.000
13.950	416.000	414.000	413.000	412.000	410.000
14.000	409.000	408.000	406.000	405.000	404.000
14.050	402.000	401.000	400.000	398.000	397.000
14.100	396.000	394.000	393.000	392.000	391.000
14.150	389.000	388.000	387.000	385.000	384.000
14.200	383.000	382.000	380.000	379.000	378.000
14.250	377.000	376.000	374.000	373.000	372.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	371.000	370.000	369.000	368.000	367.000
14.350	365.000	364.000	363.000	362.000	361.000
14.400	360.000	359.000	358.000	357.000	356.000
14.450	355.000	354.000	353.000	352.000	351.000
14.500	350.000	349.000	348.000	347.000	347.000
14.550	346.000	345.000	344.000	343.000	342.000
14.600	341.000	340.000	340.000	339.000	338.000
14.650	337.000	336.000	336.000	335.000	334.000
14.700	333.000	332.000	332.000	331.000	330.000
14.750	329.000	329.000	328.000	327.000	327.000
14.800	326.000	325.000	325.000	324.000	323.000
14.850	323.000	322.000	321.000	321.000	320.000
14.900	319.000	319.000	318.000	318.000	317.000
14.950	316.000	316.000	315.000	315.000	314.000
15.000	314.000	313.000	312.000	312.000	311.000
15.050	311.000	310.000	310.000	309.000	309.000
15.100	308.000	308.000	307.000	307.000	306.000
15.150	306.000	305.000	305.000	304.000	304.000
15.200	304.000	303.000	303.000	302.000	302.000
15.250	301.000	301.000	301.000	300.000	300.000
15.300	299.000	299.000	299.000	298.000	298.000
15.350	297.000	297.000	297.000	296.000	296.000
15.400	296.000	295.000	295.000	294.000	294.000
15.450	294.000	293.000	293.000	293.000	292.000
15.500	292.000	292.000	291.000	291.000	291.000
15.550	290.000	290.000	290.000	290.000	289.000
15.600	289.000	289.000	288.000	288.000	288.000
15.650	288.000	287.000	287.000	287.000	286.000
15.700	286.000	286.000	286.000	285.000	285.000
15.750	285.000	285.000	284.000	284.000	284.000
15.800	284.000	283.000	283.000	283.000	283.000
15.850	282.000	282.000	282.000	282.000	282.000
15.900	281.000	281.000	281.000	281.000	280.000
15.950	280.000	280.000	280.000	280.000	279.000
16.000	279.000	279.000	279.000	279.000	278.000
16.050	278.000	278.000	278.000	278.000	277.000
16.100	277.000	277.000	277.000	277.000	276.000
16.150	276.000	276.000	276.000	276.000	275.000
16.200	275.000	275.000	275.000	275.000	275.000
16.250	274.000	274.000	274.000	274.000	274.000
16.300	274.000	273.000	273.000	273.000	273.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	273.000	273.000	272.000	272.000	272.000
16.400	272.000	272.000	272.000	271.000	271.000
16.450	271.000	271.000	271.000	271.000	271.000
16.500	270.000	270.000	270.000	270.000	270.000
16.550	270.000	270.000	269.000	269.000	269.000
16.600	269.000	269.000	269.000	269.000	268.000
16.650	268.000	268.000	268.000	268.000	268.000
16.700	268.000	268.000	267.000	267.000	267.000
16.750	267.000	267.000	267.000	267.000	267.000
16.800	266.000	266.000	266.000	266.000	266.000
16.850	266.000	266.000	266.000	266.000	265.000
16.900	265.000	265.000	265.000	265.000	265.000
16.950	265.000	265.000	265.000	264.000	264.000
17.000	264.000	264.000	264.000	264.000	264.000
17.050	264.000	264.000	264.000	263.000	263.000
17.100	263.000	263.000	263.000	263.000	263.000
17.150	263.000	263.000	263.000	263.000	262.000
17.200	262.000	262.000	262.000	262.000	262.000
17.250	262.000	262.000	262.000	262.000	262.000
17.300	262.000	261.000	261.000	261.000	261.000
17.350	261.000	261.000	261.000	261.000	261.000
17.400	261.000	261.000	261.000	261.000	260.000
17.450	260.000	260.000	260.000	260.000	260.000
17.500	260.000	260.000	260.000	260.000	260.000
17.550	260.000	260.000	259.000	259.000	259.000
17.600	259.000	259.000	259.000	259.000	259.000
17.650	259.000	259.000	259.000	259.000	259.000
17.700	259.000	259.000	259.000	258.000	258.000
17.750	258.000	258.000	258.000	258.000	258.000
17.800	258.000	258.000	258.000	258.000	258.000
17.850	258.000	258.000	258.000	258.000	257.000
17.900	257.000	257.000	257.000	257.000	257.000
17.950	257.000	257.000	257.000	257.000	257.000
18.000	257.000	257.000	257.000	257.000	257.000
18.050	257.000	257.000	256.000	256.000	256.000
18.100	256.000	256.000	256.000	256.000	256.000
18.150	256.000	256.000	256.000	256.000	256.000
18.200	256.000	256.000	256.000	256.000	256.000
18.250	256.000	256.000	255.000	255.000	255.000
18.300	255.000	255.000	255.000	255.000	255.000
18.350	255.000	255.000	255.000	255.000	255.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	255.000	255.000	255.000	255.000	255.000
18.450	255.000	255.000	255.000	254.000	254.000
18.500	254.000	254.000	254.000	254.000	254.000
18.550	254.000	254.000	254.000	254.000	254.000
18.600	254.000	254.000	254.000	254.000	254.000
18.650	254.000	254.000	254.000	254.000	253.000
18.700	253.000	253.000	253.000	253.000	253.000
18.750	253.000	253.000	253.000	253.000	253.000
18.800	253.000	253.000	253.000	253.000	253.000
18.850	253.000	253.000	253.000	253.000	253.000
18.900	253.000	253.000	252.000	252.000	252.000
18.950	252.000	252.000	252.000	252.000	252.000
19.000	252.000	252.000	252.000	252.000	252.000
19.050	252.000	252.000	252.000	252.000	252.000
19.100	252.000	252.000	252.000	252.000	252.000
19.150	252.000	251.000	251.000	251.000	251.000
19.200	251.000	251.000	251.000	251.000	251.000
19.250	251.000	251.000	251.000	251.000	251.000
19.300	251.000	251.000	251.000	251.000	251.000
19.350	251.000	251.000	251.000	251.000	251.000
19.400	250.000	250.000	250.000	250.000	250.000
19.450	250.000	250.000	250.000	250.000	250.000
19.500	250.000	250.000	250.000	250.000	250.000
19.550	250.000	250.000	250.000	250.000	250.000
19.600	250.000	250.000	250.000	250.000	249.000
19.650	249.000	249.000	249.000	249.000	249.000
19.700	249.000	249.000	249.000	249.000	249.000
19.750	249.000	249.000	249.000	249.000	249.000
19.800	249.000	249.000	249.000	249.000	249.000
19.850	249.000	249.000	249.000	249.000	248.000
19.900	248.000	248.000	248.000	248.000	248.000
19.950	248.000	248.000	248.000	248.000	248.000
20.000	248.000	248.000	248.000	248.000	248.000
20.050	248.000	248.000	248.000	248.000	248.000
20.100	248.000	248.000	248.000	247.000	247.000
20.150	247.000	247.000	247.000	247.000	247.000
20.200	247.000	247.000	247.000	247.000	247.000
20.250	247.000	247.000	247.000	247.000	247.000
20.300	247.000	247.000	246.000	246.000	246.000
20.350	246.000	246.000	246.000	246.000	246.000
20.400	246.000	246.000	246.000	246.000	246.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	246.000	246.000	245.000	245.000	245.000
20.500	245.000	245.000	245.000	245.000	245.000
20.550	245.000	245.000	245.000	245.000	245.000
20.600	244.000	244.000	244.000	244.000	244.000
20.650	244.000	244.000	244.000	244.000	244.000
20.700	244.000	244.000	243.000	243.000	243.000
20.750	243.000	243.000	243.000	243.000	243.000
20.800	243.000	243.000	243.000	242.000	242.000
20.850	242.000	242.000	242.000	242.000	242.000
20.900	242.000	242.000	242.000	241.000	241.000
20.950	241.000	241.000	241.000	241.000	241.000
21.000	241.000	241.000	241.000	240.000	240.000
21.050	240.000	240.000	240.000	240.000	240.000
21.100	240.000	240.000	240.000	239.000	239.000
21.150	239.000	239.000	239.000	239.000	239.000
21.200	239.000	239.000	238.000	238.000	238.000
21.250	238.000	238.000	238.000	238.000	238.000
21.300	238.000	237.000	237.000	237.000	237.000
21.350	237.000	237.000	237.000	237.000	237.000
21.400	236.000	236.000	236.000	236.000	236.000
21.450	236.000	236.000	236.000	236.000	235.000
21.500	235.000	235.000	235.000	235.000	235.000
21.550	235.000	235.000	234.000	234.000	234.000
21.600	234.000	234.000	234.000	234.000	234.000
21.650	234.000	233.000	233.000	233.000	233.000
21.700	233.000	233.000	233.000	233.000	232.000
21.750	232.000	232.000	232.000	232.000	232.000
21.800	232.000	232.000	231.000	231.000	231.000
21.850	231.000	231.000	231.000	231.000	231.000
21.900	230.000	230.000	230.000	230.000	230.000
21.950	230.000	230.000	230.000	229.000	229.000
22.000	229.000	229.000	229.000	229.000	229.000
22.050	228.000	228.000	228.000	228.000	228.000
22.100	228.000	228.000	228.000	227.000	227.000
22.150	227.000	227.000	227.000	227.000	227.000
22.200	227.000	226.000	226.000	226.000	226.000
22.250	226.000	226.000	226.000	225.000	225.000
22.300	225.000	225.000	225.000	225.000	225.000
22.350	224.000	224.000	224.000	224.000	224.000
22.400	224.000	224.000	224.000	223.000	223.000
22.450	223.000	223.000	223.000	223.000	223.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	222.000	222.000	222.000	222.000	222.000
22.550	222.000	222.000	221.000	221.000	221.000
22.600	221.000	221.000	221.000	221.000	220.000
22.650	220.000	220.000	220.000	220.000	220.000
22.700	220.000	219.000	219.000	219.000	219.000
22.750	219.000	219.000	219.000	218.000	218.000
22.800	218.000	218.000	218.000	218.000	218.000
22.850	217.000	217.000	217.000	217.000	217.000
22.900	217.000	217.000	216.000	216.000	216.000
22.950	216.000	216.000	216.000	216.000	215.000
23.000	215.000	215.000	215.000	215.000	215.000
23.050	215.000	214.000	214.000	214.000	214.000
23.100	214.000	214.000	214.000	213.000	213.000
23.150	213.000	213.000	213.000	213.000	212.000
23.200	212.000	212.000	212.000	212.000	212.000
23.250	212.000	211.000	211.000	211.000	211.000
23.300	211.000	211.000	210.000	210.000	210.000
23.350	210.000	210.000	210.000	210.000	209.000
23.400	209.000	209.000	209.000	209.000	209.000
23.450	208.000	208.000	208.000	208.000	208.000
23.500	208.000	208.000	207.000	207.000	207.000
23.550	207.000	207.000	207.000	206.000	206.000
23.600	206.000	206.000	206.000	206.000	205.000
23.650	205.000	205.000	205.000	205.000	205.000
23.700	205.000	204.000	204.000	204.000	204.000
23.750	204.000	204.000	203.000	203.000	203.000
23.800	203.000	203.000	203.000	202.000	202.000
23.850	202.000	202.000	202.000	202.000	201.000
23.900	201.000	201.000	201.000	201.000	201.000
23.950	200.000	200.000	200.000	200.000	200.000
24.000	200.000	200.000	199.000	199.000	199.000
24.050	199.000	199.000	198.000	198.000	198.000
24.100	198.000	198.000	198.000	197.000	197.000
24.150	197.000	197.000	197.000	196.000	196.000
24.200	196.000	196.000	196.000	195.000	195.000
24.250	195.000	195.000	195.000	195.000	194.000
24.300	194.000	194.000	194.000	194.000	193.000
24.350	193.000	193.000	193.000	193.000	192.000
24.400	192.000	192.000	192.000	192.000	191.000
24.450	191.000	191.000	191.000	191.000	191.000
24.500	190.000	190.000	190.000	190.000	190.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	189.000	189.000	189.000	189.000	189.000
24.600	188.000	188.000	188.000	188.000	188.000
24.650	187.000	187.000	187.000	187.000	187.000
24.700	187.000	186.000	186.000	186.000	186.000
24.750	186.000	185.000	185.000	185.000	185.000
24.800	185.000	184.000	184.000	184.000	184.000
24.850	184.000	183.000	183.000	183.000	183.000
24.900	183.000	183.000	182.000	182.000	182.000
24.950	182.000	182.000	181.000	181.000	181.000
25.000	181.000	181.000	180.000	180.000	180.000
25.050	180.000	180.000	179.000	179.000	179.000
25.100	179.000	179.000	178.000	178.000	178.000
25.150	178.000	178.000	178.000	177.000	177.000
25.200	177.000	177.000	177.000	176.000	176.000
25.250	176.000	176.000	176.000	175.000	175.000
25.300	175.000	175.000	175.000	174.000	174.000
25.350	174.000	174.000	174.000	174.000	173.000
25.400	173.000	173.000	173.000	173.000	172.000
25.450	172.000	172.000	172.000	172.000	171.000
25.500	171.000	171.000	171.000	171.000	170.000
25.550	170.000	170.000	170.000	170.000	170.000
25.600	169.000	169.000	169.000	169.000	169.000
25.650	168.000	168.000	168.000	168.000	168.000
25.700	167.000	167.000	167.000	167.000	167.000
25.750	166.000	166.000	166.000	166.000	166.000
25.800	166.000	165.000	165.000	165.000	165.000
25.850	165.000	164.000	164.000	164.000	164.000
25.900	164.000	163.000	163.000	163.000	163.000
25.950	163.000	162.000	162.000	162.000	162.000
26.000	162.000	162.000	161.000	161.000	161.000
26.050	161.000	161.000	160.000	160.000	160.000
26.100	160.000	160.000	159.000	159.000	159.000
26.150	159.000	159.000	158.000	158.000	158.000
26.200	158.000	158.000	158.000	157.000	157.000
26.250	157.000	157.000	157.000	156.000	156.000
26.300	156.000	156.000	156.000	155.000	155.000
26.350	155.000	155.000	155.000	154.000	154.000
26.400	154.000	154.000	154.000	154.000	153.000
26.450	153.000	153.000	153.000	153.000	152.000
26.500	152.000	152.000	152.000	152.000	151.000
26.550	151.000	151.000	151.000	151.000	150.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	150.000	150.000	150.000	150.000	149.000
26.650	149.000	149.000	149.000	149.000	149.000
26.700	148.000	148.000	148.000	148.000	148.000
26.750	147.000	147.000	147.000	147.000	147.000
26.800	146.000	146.000	146.000	146.000	146.000
26.850	145.000	145.000	145.000	145.000	145.000
26.900	145.000	144.000	144.000	144.000	144.000
26.950	144.000	143.000	143.000	143.000	143.000
27.000	143.000	142.000	142.000	142.000	142.000
27.050	142.000	141.000	141.000	141.000	141.000
27.100	141.000	141.000	140.000	140.000	140.000
27.150	140.000	140.000	139.000	139.000	139.000
27.200	139.000	139.000	138.000	138.000	138.000
27.250	138.000	138.000	137.000	137.000	137.000
27.300	137.000	137.000	137.000	136.000	136.000
27.350	136.000	136.000	136.000	135.000	135.000
27.400	135.000	135.000	135.000	134.000	134.000
27.450	134.000	134.000	134.000	133.000	133.000
27.500	133.000	133.000	133.000	133.000	132.000
27.550	132.000	132.000	132.000	132.000	131.000
27.600	131.000	131.000	131.000	131.000	130.000
27.650	130.000	130.000	130.000	130.000	129.000
27.700	129.000	129.000	129.000	129.000	129.000
27.750	128.000	128.000	128.000	128.000	128.000
27.800	127.000	127.000	127.000	127.000	127.000
27.850	126.000	126.000	126.000	126.000	126.000
27.900	125.000	125.000	125.000	125.000	125.000
27.950	125.000	124.000	124.000	124.000	124.000
28.000	124.000	123.000	123.000	123.000	123.000
28.050	123.000	122.000	122.000	122.000	122.000
28.100	122.000	121.000	121.000	121.000	121.000
28.150	121.000	120.000	120.000	120.000	120.000
28.200	120.000	120.000	119.000	119.000	119.000
28.250	119.000	119.000	118.000	118.000	118.000
28.300	118.000	118.000	117.000	117.000	117.000
28.350	117.000	117.000	116.000	116.000	116.000
28.400	116.000	116.000	116.000	115.000	115.000
28.450	115.000	115.000	115.000	114.000	114.000
28.500	114.000	114.000	114.000	113.000	113.000
28.550	113.000	113.000	113.000	112.000	112.000
28.600	112.000	112.000	112.000	112.000	111.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	111.000	111.000	111.000	111.000	110.000
28.700	110.000	110.000	110.000	110.000	109.000
28.750	109.000	109.000	109.000	109.000	108.000
28.800	108.000	108.000	108.000	108.000	108.000
28.850	107.000	107.000	107.000	107.000	107.000
28.900	106.000	106.000	106.000	106.000	106.000
28.950	105.000	105.000	105.000	105.000	105.000
29.000	104.000	104.000	104.000	104.000	104.000
29.050	104.000	103.000	103.000	103.000	103.000
29.100	103.000	102.000	102.000	102.000	102.000
29.150	102.000	101.000	101.000	101.000	101.000
29.200	101.000	100.000	100.000	100.000	100.000
29.250	100.000	100.000	99.000	99.000	99.000
29.300	99.000	99.000	98.000	98.000	98.000
29.350	98.000	98.000	97.000	97.000	97.000
29.400	97.000	97.000	96.000	96.000	96.000
29.450	96.000	96.000	95.000	95.000	95.000
29.500	95.000	95.000	95.000	94.000	94.000
29.550	94.000	94.000	94.000	93.000	93.000
29.600	93.000	93.000	93.000	92.000	92.000
29.650	92.000	92.000	92.000	91.000	91.000
29.700	91.000	91.000	91.000	91.000	90.000
29.750	90.000	90.000	90.000	90.000	89.000
29.800	89.000	89.000	89.000	89.000	88.000
29.850	88.000	88.000	88.000	88.000	87.000
29.900	87.000	87.000	87.000	87.000	87.000
29.950	86.000	86.000	86.000	86.000	86.000
30.000	85.000	85.000	85.000	85.000	85.000
30.050	84.000	84.000	84.000	84.000	84.000
30.100	83.000	83.000	83.000	83.000	83.000
30.150	83.000	82.000	82.000	82.000	82.000
30.200	82.000	81.000	81.000	81.000	81.000
30.250	81.000	80.000	80.000	80.000	80.000
30.300	80.000	79.000	79.000	79.000	79.000
30.350	79.000	79.000	78.000	78.000	78.000
30.400	78.000	78.000	77.000	77.000	77.000
30.450	77.000	77.000	76.000	76.000	76.000
30.500	76.000	76.000	75.000	75.000	75.000
30.550	75.000	75.000	75.000	74.000	74.000
30.600	74.000	74.000	74.000	73.000	73.000
30.650	73.000	73.000	73.000	72.000	72.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	72.000	72.000	72.000	71.000	71.000
30.750	71.000	71.000	71.000	71.000	70.000
30.800	70.000	70.000	70.000	70.000	69.000
30.850	69.000	69.000	69.000	69.000	68.000
30.900	68.000	68.000	68.000	68.000	67.000
30.950	67.000	67.000	67.000	67.000	66.000
31.000	66.000	66.000	66.000	66.000	66.000
31.050	65.000	65.000	65.000	65.000	65.000
31.100	64.000	64.000	64.000	64.000	64.000
31.150	63.000	63.000	63.000	63.000	63.000
31.200	62.000	62.000	62.000	62.000	62.000
31.250	62.000	61.000	61.000	61.000	61.000
31.300	61.000	60.000	60.000	60.000	60.000
31.350	60.000	59.000	59.000	59.000	59.000
31.400	59.000	58.000	58.000	58.000	58.000
31.450	58.000	58.000	57.000	57.000	57.000
31.500	57.000	57.000	56.000	56.000	56.000
31.550	56.000	56.000	55.000	55.000	55.000
31.600	55.000	55.000	54.000	54.000	54.000
31.650	54.000	54.000	54.000	53.000	53.000
31.700	53.000	53.000	53.000	52.000	52.000
31.750	52.000	52.000	52.000	51.000	51.000
31.800	51.000	51.000	51.000	50.000	50.000
31.850	50.000	50.000	50.000	50.000	49.000
31.900	49.000	49.000	49.000	49.000	48.000
31.950	48.000	48.000	48.000	48.000	47.000
32.000	47.000	47.000	47.000	47.000	46.000
32.050	46.000	46.000	46.000	46.000	46.000
32.100	45.000	45.000	45.000	45.000	45.000
32.150	44.000	44.000	44.000	44.000	44.000
32.200	43.000	43.000	43.000	43.000	43.000
32.250	42.000	42.000	42.000	42.000	42.000
32.300	42.000	41.000	41.000	41.000	41.000
32.350	41.000	40.000	40.000	40.000	40.000
32.400	40.000	39.000	39.000	39.000	39.000
32.450	39.000	38.000	38.000	38.000	38.000
32.500	38.000	37.000	37.000	37.000	37.000
32.550	37.000	37.000	36.000	36.000	36.000
32.600	36.000	36.000	35.000	35.000	35.000
32.650	35.000	35.000	34.000	34.000	34.000
32.700	34.000	34.000	33.000	33.000	33.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	33.000	33.000	33.000	32.000	32.000
32.800	32.000	32.000	32.000	31.000	31.000
32.850	31.000	31.000	31.000	30.000	30.000
32.900	30.000	30.000	30.000	29.000	29.000
32.950	29.000	29.000	29.000	29.000	28.000
33.000	28.000	28.000	28.000	28.000	27.000
33.050	27.000	27.000	27.000	27.000	26.000
33.100	26.000	26.000	26.000	26.000	26.000
33.150	25.000	25.000	25.000	25.000	25.000
33.200	24.000	24.000	24.000	24.000	24.000
33.250	24.000	23.000	23.000	23.000	23.000
33.300	23.000	23.000	22.000	22.000	22.000
33.350	22.000	22.000	22.000	22.000	21.000
33.400	21.000	21.000	21.000	21.000	21.000
33.450	20.000	20.000	20.000	20.000	20.000
33.500	20.000	20.000	20.000	19.000	19.000
33.550	19.000	19.000	19.000	19.000	19.000
33.600	18.000	18.000	18.000	18.000	18.000
33.650	18.000	18.000	18.000	17.000	17.000
33.700	17.000	17.000	17.000	17.000	17.000
33.750	17.000	16.000	16.000	16.000	16.000
33.800	16.000	16.000	16.000	16.000	16.000
33.850	15.000	15.000	15.000	15.000	15.000
33.900	15.000	15.000	15.000	15.000	14.000
33.950	14.000	14.000	14.000	14.000	14.000
34.000	14.000	14.000	14.000	14.000	14.000
34.050	13.000	13.000	13.000	13.000	13.000
34.100	13.000	13.000	13.000	13.000	13.000
34.150	12.000	12.000	12.000	12.000	12.000
34.200	12.000	12.000	12.000	12.000	12.000
34.250	12.000	12.000	11.000	11.000	11.000
34.300	11.000	11.000	11.000	11.000	11.000
34.350	11.000	11.000	11.000	11.000	11.000
34.400	10.000	10.000	10.000	10.000	10.000
34.450	10.000	10.000	10.000	10.000	10.000
34.500	10.000	10.000	10.000	10.000	9.000
34.550	9.000	9.000	9.000	9.000	9.000
34.600	9.000	9.000	9.000	9.000	9.000
34.650	9.000	9.000	9.000	9.000	9.000
34.700	8.000	8.000	8.000	8.000	8.000
34.750	8.000	8.000	8.000	8.000	8.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	8.000	8.000	8.000	8.000	8.000
34.850	8.000	8.000	8.000	7.000	7.000
34.900	7.000	7.000	7.000	7.000	7.000
34.950	7.000	7.000	7.000	7.000	7.000
35.000	7.000	7.000	7.000	7.000	7.000
35.050	7.000	7.000	7.000	6.000	6.000
35.100	6.000	6.000	6.000	6.000	6.000
35.150	6.000	6.000	6.000	6.000	6.000
35.200	6.000	6.000	6.000	6.000	6.000
35.250	6.000	6.000	6.000	6.000	6.000
35.300	6.000	6.000	5.000	5.000	5.000
35.350	5.000	5.000	5.000	5.000	5.000
35.400	5.000	5.000	5.000	5.000	5.000
35.450	5.000	5.000	5.000	5.000	5.000
35.500	5.000	5.000	5.000	5.000	5.000
35.550	5.000	5.000	5.000	5.000	5.000
35.600	4.000	4.000	4.000	4.000	4.000
35.650	4.000	4.000	4.000	4.000	4.000
35.700	4.000	4.000	4.000	4.000	4.000
35.750	4.000	4.000	4.000	4.000	4.000
35.800	4.000	4.000	4.000	4.000	4.000
35.850	4.000	4.000	4.000	4.000	4.000
35.900	4.000	4.000	4.000	4.000	4.000
35.950	4.000	3.000	3.000	3.000	3.000
36.000	3.000	3.000	3.000	3.000	3.000
36.050	3.000	3.000	3.000	3.000	3.000
36.100	3.000	3.000	3.000	3.000	3.000
36.150	3.000	3.000	3.000	3.000	3.000
36.200	3.000	3.000	3.000	3.000	3.000
36.250	3.000	3.000	3.000	3.000	3.000
36.300	3.000	3.000	3.000	3.000	3.000
36.350	3.000	3.000	3.000	3.000	3.000
36.400	3.000	3.000	3.000	2.000	2.000
36.450	2.000	2.000	2.000	2.000	2.000
36.500	2.000	2.000	2.000	2.000	2.000
36.550	2.000	2.000	2.000	2.000	2.000
36.600	2.000	2.000	2.000	2.000	2.000
36.650	2.000	2.000	2.000	2.000	2.000
36.700	2.000	2.000	2.000	2.000	2.000
36.750	2.000	2.000	2.000	2.000	2.000
36.800	2.000	2.000	2.000	2.000	2.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	2.000	2.000	2.000	2.000	2.000
36.900	2.000	2.000	2.000	2.000	2.000
36.950	2.000	2.000	2.000	2.000	2.000
37.000	2.000	2.000	2.000	2.000	2.000
37.050	2.000	2.000	2.000	2.000	2.000
37.100	2.000	2.000	2.000	2.000	2.000
37.150	2.000	1.000	1.000	1.000	1.000
37.200	1.000	1.000	1.000	1.000	1.000
37.250	1.000	1.000	1.000	1.000	1.000
37.300	1.000	1.000	1.000	1.000	1.000
37.350	1.000	1.000	1.000	1.000	1.000
37.400	1.000	1.000	1.000	1.000	1.000
37.450	1.000	1.000	1.000	1.000	1.000
37.500	1.000	1.000	1.000	1.000	1.000
37.550	1.000	1.000	1.000	1.000	1.000
37.600	1.000	1.000	1.000	1.000	1.000
37.650	1.000	1.000	1.000	1.000	1.000
37.700	1.000	1.000	1.000	1.000	1.000
37.750	1.000	1.000	1.000	1.000	1.000
37.800	1.000	1.000	1.000	1.000	1.000
37.850	1.000	1.000	1.000	1.000	1.000
37.900	1.000	1.000	1.000	1.000	1.000
37.950	1.000	1.000	1.000	1.000	1.000
38.000	1.000	1.000	1.000	1.000	1.000
38.050	1.000	1.000	1.000	1.000	1.000
38.100	1.000	1.000	1.000	1.000	1.000
38.150	1.000	1.000	1.000	1.000	1.000
38.200	1.000	1.000	1.000	1.000	1.000
38.250	1.000	1.000	1.000	1.000	1.000
38.300	1.000	1.000	1.000	1.000	1.000
38.350	1.000	1.000	1.000	1.000	1.000
38.400	1.000	1.000	1.000	1.000	1.000
38.450	1.000	1.000	1.000	1.000	1.000
38.500	1.000	1.000	1.000	1.000	1.000
38.550	1.000	1.000	1.000	1.000	1.000
38.600	1.000	1.000	1.000	1.000	1.000
38.650	1.000	1.000	1.000	1.000	1.000
38.700	1.000	0.000	0.000	0.000	0.000
38.750	0.000	0.000	0.000	0.000	0.000
38.800	0.000	0.000	0.000	0.000	0.000
38.850	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	0.000	0.000	0.000	0.000	0.000
38.950	0.000	0.000	0.000	0.000	0.000
39.000	0.000	0.000	0.000	0.000	0.000
39.050	0.000	0.000	0.000	0.000	0.000
39.100	0.000	0.000	0.000	0.000	0.000
39.150	0.000	0.000	0.000	0.000	0.000
39.200	0.000	0.000	0.000	0.000	0.000
39.250	0.000	0.000	0.000	0.000	0.000
39.300	0.000	0.000	0.000	0.000	0.000
39.350	0.000	0.000	0.000	0.000	0.000
39.400	0.000	0.000	0.000	0.000	0.000
39.450	0.000	0.000	0.000	0.000	0.000
39.500	0.000	0.000	0.000	0.000	0.000
39.550	0.000	0.000	0.000	0.000	0.000
39.600	0.000	0.000	0.000	0.000	0.000
39.650	0.000	0.000	0.000	0.000	0.000
39.700	0.000	0.000	0.000	0.000	0.000
39.750	0.000	0.000	0.000	0.000	0.000
39.800	0.000	0.000	0.000	0.000	0.000
39.850	0.000	0.000	0.000	0.000	0.000
39.900	0.000	0.000	0.000	0.000	0.000
39.950	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
40.050	0.000	0.000	0.000	0.000	0.000
40.100	0.000	0.000	0.000	0.000	0.000
40.150	0.000	0.000	0.000	0.000	0.000
40.200	0.000	0.000	0.000	0.000	0.000
40.250	0.000	0.000	0.000	0.000	0.000
40.300	0.000	0.000	0.000	0.000	0.000
40.350	0.000	0.000	0.000	0.000	0.000
40.400	0.000	0.000	0.000	0.000	0.000
40.450	0.000	0.000	0.000	0.000	0.000
40.500	0.000	0.000	0.000	0.000	0.000
40.550	0.000	0.000	0.000	0.000	0.000
40.600	0.000	0.000	0.000	0.000	0.000
40.650	0.000	0.000	0.000	0.000	0.000
40.700	0.000	0.000	0.000	0.000	0.000
40.750	0.000	0.000	0.000	0.000	0.000
40.800	0.000	0.000	0.000	0.000	0.000
40.850	0.000	0.000	0.000	0.000	0.000
40.900	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	0.000	0.000	0.000	0.000	0.000
41.000	0.000	0.000	0.000	0.000	0.000
41.050	0.000	0.000	0.000	0.000	0.000
41.100	0.000	0.000	0.000	0.000	0.000
41.150	0.000	0.000	0.000	0.000	0.000
41.200	0.000	0.000	0.000	0.000	0.000
41.250	0.000	0.000	0.000	0.000	0.000
41.300	0.000	0.000	0.000	0.000	0.000
41.350	0.000	0.000	0.000	0.000	0.000
41.400	0.000	0.000	0.000	0.000	0.000
41.450	0.000	0.000	0.000	0.000	0.000
41.500	0.000	0.000	0.000	0.000	0.000
41.550	0.000	0.000	0.000	0.000	0.000
41.600	0.000	0.000	0.000	0.000	0.000
41.650	0.000	0.000	0.000	0.000	0.000
41.700	0.000	0.000	0.000	0.000	0.000
41.750	0.000	0.000	0.000	0.000	0.000
41.800	0.000	0.000	0.000	0.000	0.000
41.850	0.000	0.000	0.000	0.000	0.000
41.900	0.000	0.000	0.000	0.000	0.000
41.950	0.000	0.000	0.000	0.000	0.000
42.000	0.000	0.000	0.000	0.000	0.000
42.050	0.000	0.000	0.000	0.000	0.000
42.100	0.000	0.000	0.000	0.000	0.000
42.150	0.000	0.000	0.000	0.000	0.000
42.200	0.000	0.000	0.000	0.000	0.000
42.250	0.000	0.000	0.000	0.000	0.000
42.300	0.000	0.000	0.000	0.000	0.000
42.350	0.000	0.000	0.000	0.000	0.000
42.400	0.000	0.000	0.000	0.000	0.000
42.450	0.000	0.000	0.000	0.000	0.000
42.500	0.000	0.000	0.000	0.000	0.000
42.550	0.000	0.000	0.000	0.000	0.000
42.600	0.000	0.000	0.000	0.000	0.000
42.650	0.000	0.000	0.000	0.000	0.000
42.700	0.000	0.000	0.000	0.000	0.000
42.750	0.000	0.000	0.000	0.000	0.000
42.800	0.000	0.000	0.000	0.000	0.000
42.850	0.000	0.000	0.000	0.000	0.000
42.900	0.000	0.000	0.000	0.000	0.000
42.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	0.000	0.000	0.000	0.000	0.000
43.050	0.000	0.000	0.000	0.000	0.000
43.100	0.000	0.000	0.000	0.000	0.000
43.150	0.000	0.000	0.000	0.000	0.000
43.200	0.000	0.000	0.000	0.000	0.000
43.250	0.000	0.000	0.000	0.000	0.000
43.300	0.000	0.000	0.000	0.000	0.000
43.350	0.000	0.000	0.000	0.000	0.000
43.400	0.000	0.000	0.000	0.000	0.000
43.450	0.000	0.000	0.000	0.000	0.000
43.500	0.000	0.000	0.000	0.000	0.000
43.550	0.000	0.000	0.000	0.000	0.000
43.600	0.000	0.000	0.000	0.000	0.000
43.650	0.000	0.000	0.000	0.000	0.000
43.700	0.000	0.000	0.000	0.000	0.000
43.750	0.000	0.000	0.000	0.000	0.000
43.800	0.000	0.000	0.000	0.000	0.000
43.850	0.000	0.000	0.000	0.000	0.000
43.900	0.000	0.000	0.000	0.000	0.000
43.950	0.000	0.000	0.000	0.000	0.000
44.000	0.000	0.000	0.000	0.000	0.000
44.050	0.000	0.000	0.000	0.000	0.000
44.100	0.000	0.000	0.000	0.000	0.000
44.150	0.000	0.000	0.000	0.000	0.000
44.200	0.000	0.000	0.000	0.000	0.000
44.250	0.000	0.000	0.000	0.000	0.000
44.300	0.000	0.000	0.000	0.000	0.000
44.350	0.000	0.000	0.000	0.000	0.000
44.400	0.000	0.000	0.000	0.000	0.000
44.450	0.000	0.000	0.000	0.000	0.000
44.500	0.000	0.000	0.000	0.000	0.000
44.550	0.000	0.000	0.000	0.000	0.000
44.600	0.000	0.000	0.000	0.000	0.000
44.650	0.000	0.000	0.000	0.000	0.000
44.700	0.000	0.000	0.000	0.000	0.000
44.750	0.000	0.000	0.000	0.000	0.000
44.800	0.000	0.000	0.000	0.000	0.000
44.850	0.000	0.000	0.000	0.000	0.000
44.900	0.000	0.000	0.000	0.000	0.000
44.950	0.000	0.000	0.000	0.000	0.000
45.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	0.000	0.000	0.000	0.000	0.000
45.100	0.000	0.000	0.000	0.000	0.000
45.150	0.000	0.000	0.000	0.000	0.000
45.200	0.000	0.000	0.000	0.000	0.000
45.250	0.000	0.000	0.000	0.000	0.000
45.300	0.000	0.000	0.000	0.000	0.000
45.350	0.000	0.000	0.000	0.000	0.000
45.400	0.000	0.000	0.000	0.000	0.000
45.450	0.000	0.000	0.000	0.000	0.000
45.500	0.000	0.000	0.000	0.000	0.000
45.550	0.000	0.000	0.000	0.000	0.000
45.600	0.000	0.000	0.000	0.000	0.000
45.650	0.000	0.000	0.000	0.000	0.000
45.700	0.000	0.000	0.000	0.000	0.000
45.750	0.000	0.000	0.000	0.000	0.000
45.800	0.000	0.000	0.000	0.000	0.000
45.850	0.000	0.000	0.000	0.000	0.000
45.900	0.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-3
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	0.000	0.000
4.100	0.000	0.000	0.000	0.000	0.000
4.150	0.000	0.000	0.000	0.000	0.000
4.200	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.300	0.000	0.000	0.000	0.000	0.000
4.350	0.000	0.000	0.000	0.000	0.000
4.400	0.000	0.000	0.000	0.000	0.000
4.450	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.550	0.000	0.000	0.000	0.000	0.000
4.600	0.000	0.000	0.000	0.000	0.000
4.650	0.000	0.000	0.000	0.000	0.000
4.700	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
4.800	0.000	0.000	0.000	0.000	0.000
4.850	0.000	0.000	0.000	0.000	0.000
4.900	0.000	0.000	0.000	0.000	0.000
4.950	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.050	0.000	0.000	0.000	0.000	0.000
5.100	0.000	0.000	0.000	0.000	0.000
5.150	0.000	0.000	0.000	0.000	0.000
5.200	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.300	0.000	0.000	0.000	0.000	0.000
5.350	0.000	0.000	0.000	0.000	0.000
5.400	0.000	0.000	0.000	0.000	0.000
5.450	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.550	0.000	0.000	0.000	0.000	0.000
5.600	0.000	0.000	0.000	0.000	0.000
5.650	0.000	0.000	0.000	0.000	0.000
5.700	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
5.800	0.000	0.000	0.000	0.000	0.000
5.850	0.000	0.000	0.000	0.000	0.000
5.900	0.000	0.000	0.000	0.000	0.000
5.950	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	0.000	0.000	0.000	0.000	0.000
6.150	0.000	0.000	0.000	0.000	0.000
6.200	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.300	0.000	0.000	0.000	0.000	0.000
6.350	0.000	0.000	0.000	0.000	0.000
6.400	0.000	0.000	0.000	0.000	0.000
6.450	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.550	0.000	0.000	0.000	0.000	0.000
6.600	0.000	0.000	0.000	0.000	0.000
6.650	0.000	0.000	0.000	0.000	0.000
6.700	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
6.800	0.000	0.000	0.000	0.000	0.000
6.850	0.000	0.000	0.000	0.000	0.000
6.900	0.000	0.000	0.000	0.000	0.000
6.950	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.050	0.000	0.000	0.000	0.000	0.000
7.100	0.000	0.000	0.000	0.000	0.000
7.150	0.000	0.000	0.000	0.000	0.000
7.200	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.300	0.000	0.000	0.000	0.000	0.000
7.350	0.000	0.000	0.000	0.000	0.000
7.400	0.000	0.000	0.000	0.000	0.000
7.450	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.550	0.000	0.000	0.000	0.000	0.000
7.600	0.000	0.000	0.000	0.000	0.000
7.650	0.000	0.000	0.000	0.000	0.000
7.700	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
7.800	0.000	0.000	0.000	0.000	0.000
7.850	0.000	0.000	0.000	0.000	0.000
7.900	0.000	0.000	0.000	0.000	0.000
7.950	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.050	0.000	0.000	0.000	0.000	0.000
8.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	0.000	0.000	0.000	0.000	0.000
8.200	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.300	0.000	0.000	0.000	0.000	0.000
8.350	0.000	0.000	0.000	0.000	0.000
8.400	0.000	0.000	0.000	0.000	0.000
8.450	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.550	0.000	0.000	0.000	0.000	0.000
8.600	0.000	0.000	0.000	0.000	0.000
8.650	0.000	0.000	0.000	0.000	0.000
8.700	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
8.800	0.000	0.000	0.000	0.000	0.000
8.850	0.000	0.000	0.000	0.000	0.000
8.900	0.000	0.000	0.000	0.000	0.000
8.950	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.050	0.000	0.000	0.000	0.000	0.000
9.100	0.000	0.000	0.000	0.000	0.000
9.150	0.000	0.000	0.000	0.000	0.000
9.200	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.300	0.000	0.000	0.000	0.000	0.000
9.350	0.000	0.000	0.000	0.000	0.000
9.400	0.000	0.000	0.000	0.000	0.000
9.450	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.550	0.000	0.000	0.000	0.000	0.000
9.600	0.000	0.000	0.000	0.000	0.000
9.650	0.000	0.000	0.000	0.000	0.000
9.700	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
9.800	0.000	0.000	0.000	0.000	0.000
9.850	0.000	0.000	0.000	0.000	0.000
9.900	0.000	0.000	0.000	0.000	0.000
9.950	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.050	1.000	1.000	1.000	1.000	1.000
10.100	2.000	2.000	2.000	3.000	3.000
10.150	3.000	4.000	4.000	4.000	5.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	5.000	6.000	6.000	7.000	7.000
10.250	8.000	8.000	9.000	9.000	10.000
10.300	10.000	11.000	11.000	12.000	12.000
10.350	13.000	13.000	14.000	15.000	15.000
10.400	16.000	16.000	17.000	18.000	18.000
10.450	19.000	19.000	20.000	21.000	21.000
10.500	22.000	23.000	23.000	24.000	25.000
10.550	25.000	26.000	27.000	28.000	28.000
10.600	29.000	30.000	30.000	31.000	32.000
10.650	33.000	33.000	34.000	35.000	36.000
10.700	37.000	37.000	38.000	39.000	40.000
10.750	41.000	42.000	42.000	43.000	44.000
10.800	45.000	46.000	47.000	48.000	49.000
10.850	50.000	51.000	52.000	53.000	54.000
10.900	55.000	56.000	57.000	58.000	59.000
10.950	60.000	61.000	62.000	63.000	64.000
11.000	65.000	66.000	67.000	69.000	70.000
11.050	71.000	72.000	73.000	74.000	76.000
11.100	77.000	78.000	79.000	81.000	82.000
11.150	83.000	84.000	86.000	87.000	88.000
11.200	90.000	91.000	92.000	94.000	95.000
11.250	97.000	98.000	99.000	101.000	102.000
11.300	104.000	105.000	107.000	109.000	110.000
11.350	112.000	113.000	115.000	117.000	118.000
11.400	120.000	122.000	123.000	125.000	127.000
11.450	129.000	130.000	132.000	134.000	136.000
11.500	138.000	140.000	142.000	144.000	146.000
11.550	148.000	150.000	152.000	154.000	156.000
11.600	159.000	161.000	163.000	166.000	168.000
11.650	171.000	173.000	176.000	179.000	182.000
11.700	185.000	189.000	193.000	197.000	201.000
11.750	206.000	211.000	220.000	236.000	256.000
11.800	276.000	297.000	318.000	339.000	362.000
11.850	386.000	412.000	440.000	470.000	502.000
11.900	535.000	559.000	569.000	573.000	574.000
11.950	574.000	573.000	571.000	570.000	569.000
12.000	568.000	567.000	566.000	565.000	563.000
12.050	561.000	558.000	555.000	552.000	549.000
12.100	547.000	545.000	544.000	543.000	542.000
12.150	541.000	541.000	540.000	540.000	540.000
12.200	539.000	539.000	539.000	539.000	539.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	539.000	539.000	539.000	539.000	539.000
12.300	539.000	539.000	539.000	539.000	539.000
12.350	539.000	539.000	539.000	539.000	539.000
12.400	539.000	538.000	538.000	538.000	538.000
12.450	538.000	538.000	537.000	537.000	537.000
12.500	537.000	536.000	536.000	536.000	535.000
12.550	535.000	534.000	534.000	534.000	533.000
12.600	533.000	532.000	532.000	531.000	530.000
12.650	530.000	529.000	528.000	528.000	527.000
12.700	526.000	525.000	525.000	524.000	523.000
12.750	522.000	521.000	520.000	519.000	518.000
12.800	517.000	517.000	515.000	514.000	513.000
12.850	512.000	511.000	510.000	509.000	508.000
12.900	507.000	505.000	504.000	503.000	502.000
12.950	501.000	499.000	498.000	497.000	495.000
13.000	494.000	493.000	492.000	490.000	489.000
13.050	487.000	486.000	485.000	483.000	482.000
13.100	480.000	479.000	478.000	476.000	475.000
13.150	473.000	472.000	470.000	469.000	467.000
13.200	466.000	464.000	462.000	461.000	459.000
13.250	458.000	456.000	455.000	453.000	451.000
13.300	450.000	448.000	447.000	445.000	444.000
13.350	442.000	440.000	439.000	437.000	436.000
13.400	434.000	432.000	431.000	429.000	428.000
13.450	426.000	425.000	423.000	422.000	420.000
13.500	418.000	417.000	415.000	414.000	412.000
13.550	411.000	409.000	408.000	406.000	405.000
13.600	404.000	402.000	401.000	399.000	398.000
13.650	396.000	395.000	393.000	392.000	391.000
13.700	389.000	388.000	387.000	385.000	384.000
13.750	383.000	382.000	380.000	379.000	378.000
13.800	377.000	375.000	374.000	373.000	372.000
13.850	371.000	370.000	369.000	368.000	366.000
13.900	365.000	364.000	363.000	362.000	361.000
13.950	360.000	359.000	358.000	357.000	356.000
14.000	355.000	354.000	353.000	353.000	352.000
14.050	351.000	350.000	349.000	348.000	347.000
14.100	346.000	346.000	345.000	344.000	343.000
14.150	342.000	342.000	341.000	340.000	339.000
14.200	338.000	338.000	337.000	336.000	336.000
14.250	335.000	334.000	333.000	333.000	332.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	331.000	331.000	330.000	329.000	329.000
14.350	328.000	328.000	327.000	326.000	326.000
14.400	325.000	325.000	324.000	323.000	323.000
14.450	322.000	322.000	321.000	321.000	320.000
14.500	320.000	319.000	319.000	318.000	318.000
14.550	317.000	317.000	316.000	316.000	315.000
14.600	315.000	314.000	314.000	314.000	313.000
14.650	313.000	312.000	312.000	311.000	311.000
14.700	311.000	310.000	310.000	309.000	309.000
14.750	309.000	308.000	308.000	308.000	307.000
14.800	307.000	307.000	306.000	306.000	306.000
14.850	305.000	305.000	305.000	304.000	304.000
14.900	304.000	303.000	303.000	303.000	302.000
14.950	302.000	302.000	302.000	301.000	301.000
15.000	301.000	300.000	300.000	300.000	300.000
15.050	299.000	299.000	299.000	299.000	298.000
15.100	298.000	298.000	298.000	297.000	297.000
15.150	297.000	297.000	296.000	296.000	296.000
15.200	296.000	296.000	295.000	295.000	295.000
15.250	295.000	294.000	294.000	294.000	294.000
15.300	294.000	293.000	293.000	293.000	293.000
15.350	293.000	292.000	292.000	292.000	292.000
15.400	292.000	292.000	291.000	291.000	291.000
15.450	291.000	291.000	290.000	290.000	290.000
15.500	290.000	290.000	290.000	289.000	289.000
15.550	289.000	289.000	289.000	289.000	288.000
15.600	288.000	288.000	288.000	288.000	288.000
15.650	288.000	287.000	287.000	287.000	287.000
15.700	287.000	287.000	286.000	286.000	286.000
15.750	286.000	286.000	286.000	286.000	285.000
15.800	285.000	285.000	285.000	285.000	285.000
15.850	285.000	284.000	284.000	284.000	284.000
15.900	284.000	284.000	284.000	283.000	283.000
15.950	283.000	283.000	283.000	283.000	283.000
16.000	283.000	282.000	282.000	282.000	282.000
16.050	282.000	282.000	282.000	282.000	281.000
16.100	281.000	281.000	281.000	281.000	281.000
16.150	281.000	281.000	280.000	280.000	280.000
16.200	280.000	280.000	280.000	280.000	280.000
16.250	279.000	279.000	279.000	279.000	279.000
16.300	279.000	279.000	279.000	278.000	278.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	278.000	278.000	278.000	278.000	278.000
16.400	278.000	278.000	277.000	277.000	277.000
16.450	277.000	277.000	277.000	277.000	277.000
16.500	277.000	277.000	276.000	276.000	276.000
16.550	276.000	276.000	276.000	276.000	276.000
16.600	276.000	276.000	276.000	275.000	275.000
16.650	275.000	275.000	275.000	275.000	275.000
16.700	275.000	275.000	275.000	275.000	274.000
16.750	274.000	274.000	274.000	274.000	274.000
16.800	274.000	274.000	274.000	274.000	274.000
16.850	274.000	274.000	273.000	273.000	273.000
16.900	273.000	273.000	273.000	273.000	273.000
16.950	273.000	273.000	273.000	273.000	273.000
17.000	273.000	272.000	272.000	272.000	272.000
17.050	272.000	272.000	272.000	272.000	272.000
17.100	272.000	272.000	272.000	272.000	272.000
17.150	272.000	272.000	271.000	271.000	271.000
17.200	271.000	271.000	271.000	271.000	271.000
17.250	271.000	271.000	271.000	271.000	271.000
17.300	271.000	271.000	271.000	271.000	270.000
17.350	270.000	270.000	270.000	270.000	270.000
17.400	270.000	270.000	270.000	270.000	270.000
17.450	270.000	270.000	270.000	270.000	270.000
17.500	270.000	270.000	270.000	270.000	269.000
17.550	269.000	269.000	269.000	269.000	269.000
17.600	269.000	269.000	269.000	269.000	269.000
17.650	269.000	269.000	269.000	269.000	269.000
17.700	269.000	269.000	269.000	269.000	269.000
17.750	268.000	268.000	268.000	268.000	268.000
17.800	268.000	268.000	268.000	268.000	268.000
17.850	268.000	268.000	268.000	268.000	268.000
17.900	268.000	268.000	268.000	268.000	268.000
17.950	268.000	268.000	268.000	267.000	267.000
18.000	267.000	267.000	267.000	267.000	267.000
18.050	267.000	267.000	267.000	267.000	267.000
18.100	267.000	267.000	267.000	267.000	267.000
18.150	267.000	267.000	267.000	267.000	267.000
18.200	267.000	266.000	266.000	266.000	266.000
18.250	266.000	266.000	266.000	266.000	266.000
18.300	266.000	266.000	266.000	266.000	266.000
18.350	266.000	266.000	266.000	266.000	266.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	266.000	266.000	266.000	266.000	266.000
18.450	266.000	265.000	265.000	265.000	265.000
18.500	265.000	265.000	265.000	265.000	265.000
18.550	265.000	265.000	265.000	265.000	265.000
18.600	265.000	265.000	265.000	265.000	265.000
18.650	265.000	265.000	265.000	265.000	265.000
18.700	264.000	264.000	264.000	264.000	264.000
18.750	264.000	264.000	264.000	264.000	264.000
18.800	264.000	264.000	264.000	264.000	264.000
18.850	264.000	264.000	264.000	264.000	264.000
18.900	264.000	264.000	264.000	264.000	264.000
18.950	264.000	263.000	263.000	263.000	263.000
19.000	263.000	263.000	263.000	263.000	263.000
19.050	263.000	263.000	263.000	263.000	263.000
19.100	263.000	263.000	263.000	263.000	263.000
19.150	263.000	263.000	263.000	263.000	263.000
19.200	263.000	262.000	262.000	262.000	262.000
19.250	262.000	262.000	262.000	262.000	262.000
19.300	262.000	262.000	262.000	262.000	262.000
19.350	262.000	262.000	262.000	262.000	262.000
19.400	262.000	262.000	262.000	262.000	262.000
19.450	262.000	261.000	261.000	261.000	261.000
19.500	261.000	261.000	261.000	261.000	261.000
19.550	261.000	261.000	261.000	261.000	261.000
19.600	261.000	261.000	261.000	261.000	261.000
19.650	261.000	261.000	261.000	261.000	261.000
19.700	261.000	261.000	260.000	260.000	260.000
19.750	260.000	260.000	260.000	260.000	260.000
19.800	260.000	260.000	260.000	260.000	260.000
19.850	260.000	260.000	260.000	260.000	260.000
19.900	260.000	260.000	260.000	260.000	260.000
19.950	260.000	260.000	259.000	259.000	259.000
20.000	259.000	259.000	259.000	259.000	259.000
20.050	259.000	259.000	259.000	259.000	259.000
20.100	259.000	259.000	259.000	259.000	259.000
20.150	259.000	259.000	259.000	259.000	259.000
20.200	259.000	259.000	259.000	258.000	258.000
20.250	258.000	258.000	258.000	258.000	258.000
20.300	258.000	258.000	258.000	258.000	258.000
20.350	258.000	258.000	258.000	258.000	258.000
20.400	258.000	258.000	258.000	258.000	258.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	258.000	258.000	258.000	258.000	258.000
20.500	258.000	257.000	257.000	257.000	257.000
20.550	257.000	257.000	257.000	257.000	257.000
20.600	257.000	257.000	257.000	257.000	257.000
20.650	257.000	257.000	257.000	257.000	257.000
20.700	257.000	257.000	257.000	257.000	257.000
20.750	257.000	257.000	257.000	257.000	257.000
20.800	257.000	257.000	257.000	257.000	257.000
20.850	257.000	257.000	257.000	257.000	256.000
20.900	256.000	256.000	256.000	256.000	256.000
20.950	256.000	256.000	256.000	256.000	256.000
21.000	256.000	256.000	256.000	256.000	256.000
21.050	256.000	256.000	256.000	256.000	256.000
21.100	256.000	256.000	256.000	256.000	256.000
21.150	256.000	256.000	256.000	256.000	256.000
21.200	256.000	256.000	256.000	256.000	256.000
21.250	256.000	256.000	256.000	256.000	256.000
21.300	256.000	256.000	256.000	256.000	256.000
21.350	256.000	256.000	256.000	256.000	256.000
21.400	256.000	256.000	256.000	256.000	256.000
21.450	256.000	256.000	256.000	256.000	256.000
21.500	256.000	255.000	255.000	255.000	255.000
21.550	255.000	255.000	255.000	255.000	255.000
21.600	255.000	255.000	255.000	255.000	255.000
21.650	255.000	255.000	255.000	255.000	255.000
21.700	255.000	255.000	255.000	255.000	255.000
21.750	255.000	255.000	255.000	255.000	255.000
21.800	255.000	255.000	255.000	255.000	255.000
21.850	255.000	255.000	255.000	255.000	255.000
21.900	255.000	255.000	255.000	255.000	255.000
21.950	255.000	255.000	255.000	255.000	255.000
22.000	255.000	255.000	255.000	255.000	255.000
22.050	255.000	255.000	255.000	255.000	255.000
22.100	255.000	255.000	255.000	255.000	255.000
22.150	255.000	255.000	255.000	255.000	255.000
22.200	255.000	255.000	255.000	255.000	255.000
22.250	255.000	255.000	255.000	255.000	255.000
22.300	255.000	255.000	255.000	255.000	255.000
22.350	255.000	255.000	255.000	255.000	255.000
22.400	255.000	255.000	255.000	255.000	255.000
22.450	255.000	255.000	255.000	255.000	255.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	255.000	255.000	255.000	255.000	254.000
22.550	254.000	254.000	254.000	254.000	254.000
22.600	254.000	254.000	254.000	254.000	254.000
22.650	254.000	254.000	254.000	254.000	254.000
22.700	254.000	254.000	254.000	254.000	254.000
22.750	254.000	254.000	254.000	254.000	254.000
22.800	254.000	254.000	254.000	254.000	254.000
22.850	254.000	254.000	254.000	254.000	254.000
22.900	254.000	254.000	254.000	254.000	254.000
22.950	254.000	254.000	254.000	254.000	254.000
23.000	254.000	254.000	254.000	254.000	254.000
23.050	254.000	254.000	254.000	254.000	254.000
23.100	254.000	254.000	254.000	254.000	254.000
23.150	254.000	254.000	254.000	254.000	254.000
23.200	254.000	254.000	254.000	254.000	254.000
23.250	254.000	254.000	254.000	254.000	254.000
23.300	254.000	254.000	254.000	254.000	254.000
23.350	254.000	254.000	254.000	254.000	254.000
23.400	254.000	254.000	254.000	254.000	254.000
23.450	254.000	254.000	254.000	254.000	254.000
23.500	254.000	254.000	254.000	254.000	254.000
23.550	254.000	254.000	254.000	254.000	254.000
23.600	254.000	254.000	254.000	254.000	254.000
23.650	254.000	254.000	254.000	254.000	254.000
23.700	254.000	254.000	254.000	254.000	254.000
23.750	254.000	254.000	254.000	254.000	254.000
23.800	253.000	253.000	253.000	253.000	253.000
23.850	253.000	253.000	253.000	253.000	253.000
23.900	253.000	253.000	253.000	253.000	253.000
23.950	253.000	253.000	253.000	253.000	253.000
24.000	253.000	253.000	253.000	253.000	253.000
24.050	253.000	253.000	253.000	253.000	253.000
24.100	253.000	253.000	253.000	253.000	253.000
24.150	253.000	253.000	253.000	253.000	253.000
24.200	253.000	253.000	252.000	252.000	252.000
24.250	252.000	252.000	252.000	252.000	252.000
24.300	252.000	251.000	251.000	251.000	251.000
24.350	251.000	251.000	250.000	250.000	250.000
24.400	250.000	250.000	249.000	249.000	249.000
24.450	249.000	249.000	249.000	248.000	248.000
24.500	248.000	248.000	248.000	247.000	247.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	247.000	247.000	247.000	246.000	246.000
24.600	246.000	246.000	246.000	245.000	245.000
24.650	245.000	245.000	245.000	244.000	244.000
24.700	244.000	244.000	244.000	243.000	243.000
24.750	243.000	243.000	243.000	242.000	242.000
24.800	242.000	242.000	242.000	242.000	241.000
24.850	241.000	241.000	241.000	241.000	240.000
24.900	240.000	240.000	240.000	240.000	239.000
24.950	239.000	239.000	239.000	239.000	238.000
25.000	238.000	238.000	238.000	238.000	237.000
25.050	237.000	237.000	237.000	237.000	236.000
25.100	236.000	236.000	236.000	236.000	235.000
25.150	235.000	235.000	235.000	235.000	235.000
25.200	234.000	234.000	234.000	234.000	234.000
25.250	233.000	233.000	233.000	233.000	233.000
25.300	232.000	232.000	232.000	232.000	232.000
25.350	231.000	231.000	231.000	231.000	231.000
25.400	230.000	230.000	230.000	230.000	230.000
25.450	229.000	229.000	229.000	229.000	229.000
25.500	228.000	228.000	228.000	228.000	228.000
25.550	228.000	227.000	227.000	227.000	227.000
25.600	227.000	226.000	226.000	226.000	226.000
25.650	226.000	225.000	225.000	225.000	225.000
25.700	225.000	224.000	224.000	224.000	224.000
25.750	224.000	223.000	223.000	223.000	223.000
25.800	223.000	222.000	222.000	222.000	222.000
25.850	222.000	221.000	221.000	221.000	221.000
25.900	221.000	221.000	220.000	220.000	220.000
25.950	220.000	220.000	219.000	219.000	219.000
26.000	219.000	219.000	218.000	218.000	218.000
26.050	218.000	218.000	217.000	217.000	217.000
26.100	217.000	217.000	216.000	216.000	216.000
26.150	216.000	216.000	215.000	215.000	215.000
26.200	215.000	215.000	214.000	214.000	214.000
26.250	214.000	214.000	214.000	213.000	213.000
26.300	213.000	213.000	213.000	212.000	212.000
26.350	212.000	212.000	212.000	211.000	211.000
26.400	211.000	211.000	211.000	210.000	210.000
26.450	210.000	210.000	210.000	209.000	209.000
26.500	209.000	209.000	209.000	208.000	208.000
26.550	208.000	208.000	208.000	207.000	207.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	207.000	207.000	207.000	207.000	206.000
26.650	206.000	206.000	206.000	206.000	205.000
26.700	205.000	205.000	205.000	205.000	204.000
26.750	204.000	204.000	204.000	204.000	203.000
26.800	203.000	203.000	203.000	203.000	202.000
26.850	202.000	202.000	202.000	202.000	201.000
26.900	201.000	201.000	201.000	201.000	200.000
26.950	200.000	200.000	200.000	200.000	200.000
27.000	199.000	199.000	199.000	199.000	199.000
27.050	198.000	198.000	198.000	198.000	198.000
27.100	197.000	197.000	197.000	197.000	197.000
27.150	196.000	196.000	196.000	196.000	196.000
27.200	195.000	195.000	195.000	195.000	195.000
27.250	194.000	194.000	194.000	194.000	194.000
27.300	193.000	193.000	193.000	193.000	193.000
27.350	193.000	192.000	192.000	192.000	192.000
27.400	192.000	191.000	191.000	191.000	191.000
27.450	191.000	190.000	190.000	190.000	190.000
27.500	190.000	189.000	189.000	189.000	189.000
27.550	189.000	188.000	188.000	188.000	188.000
27.600	188.000	187.000	187.000	187.000	187.000
27.650	187.000	186.000	186.000	186.000	186.000
27.700	186.000	186.000	185.000	185.000	185.000
27.750	185.000	185.000	184.000	184.000	184.000
27.800	184.000	184.000	183.000	183.000	183.000
27.850	183.000	183.000	182.000	182.000	182.000
27.900	182.000	182.000	181.000	181.000	181.000
27.950	181.000	181.000	180.000	180.000	180.000
28.000	180.000	180.000	179.000	179.000	179.000
28.050	179.000	179.000	179.000	178.000	178.000
28.100	178.000	178.000	178.000	177.000	177.000
28.150	177.000	177.000	177.000	176.000	176.000
28.200	176.000	176.000	176.000	175.000	175.000
28.250	175.000	175.000	175.000	174.000	174.000
28.300	174.000	174.000	174.000	173.000	173.000
28.350	173.000	173.000	173.000	172.000	172.000
28.400	172.000	172.000	172.000	172.000	171.000
28.450	171.000	171.000	171.000	171.000	170.000
28.500	170.000	170.000	170.000	170.000	169.000
28.550	169.000	169.000	169.000	169.000	168.000
28.600	168.000	168.000	168.000	168.000	167.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	167.000	167.000	167.000	167.000	166.000
28.700	166.000	166.000	166.000	166.000	165.000
28.750	165.000	165.000	165.000	165.000	165.000
28.800	164.000	164.000	164.000	164.000	164.000
28.850	163.000	163.000	163.000	163.000	163.000
28.900	162.000	162.000	162.000	162.000	162.000
28.950	161.000	161.000	161.000	161.000	161.000
29.000	160.000	160.000	160.000	160.000	160.000
29.050	159.000	159.000	159.000	159.000	159.000
29.100	158.000	158.000	158.000	158.000	158.000
29.150	158.000	157.000	157.000	157.000	157.000
29.200	157.000	156.000	156.000	156.000	156.000
29.250	156.000	155.000	155.000	155.000	155.000
29.300	155.000	154.000	154.000	154.000	154.000
29.350	154.000	153.000	153.000	153.000	153.000
29.400	153.000	152.000	152.000	152.000	152.000
29.450	152.000	151.000	151.000	151.000	151.000
29.500	151.000	151.000	150.000	150.000	150.000
29.550	150.000	150.000	149.000	149.000	149.000
29.600	149.000	149.000	148.000	148.000	148.000
29.650	148.000	148.000	147.000	147.000	147.000
29.700	147.000	147.000	146.000	146.000	146.000
29.750	146.000	146.000	145.000	145.000	145.000
29.800	145.000	145.000	145.000	144.000	144.000
29.850	144.000	144.000	144.000	143.000	143.000
29.900	143.000	143.000	143.000	142.000	142.000
29.950	142.000	142.000	142.000	141.000	141.000
30.000	141.000	141.000	141.000	140.000	140.000
30.050	140.000	140.000	140.000	139.000	139.000
30.100	139.000	139.000	139.000	138.000	138.000
30.150	138.000	138.000	138.000	138.000	137.000
30.200	137.000	137.000	137.000	137.000	136.000
30.250	136.000	136.000	136.000	136.000	135.000
30.300	135.000	135.000	135.000	135.000	134.000
30.350	134.000	134.000	134.000	134.000	133.000
30.400	133.000	133.000	133.000	133.000	132.000
30.450	132.000	132.000	132.000	132.000	131.000
30.500	131.000	131.000	131.000	131.000	131.000
30.550	130.000	130.000	130.000	130.000	130.000
30.600	129.000	129.000	129.000	129.000	129.000
30.650	128.000	128.000	128.000	128.000	128.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	127.000	127.000	127.000	127.000	127.000
30.750	126.000	126.000	126.000	126.000	126.000
30.800	125.000	125.000	125.000	125.000	125.000
30.850	124.000	124.000	124.000	124.000	124.000
30.900	124.000	123.000	123.000	123.000	123.000
30.950	123.000	122.000	122.000	122.000	122.000
31.000	122.000	121.000	121.000	121.000	121.000
31.050	121.000	120.000	120.000	120.000	120.000
31.100	120.000	119.000	119.000	119.000	119.000
31.150	119.000	118.000	118.000	118.000	118.000
31.200	118.000	117.000	117.000	117.000	117.000
31.250	117.000	117.000	116.000	116.000	116.000
31.300	116.000	116.000	115.000	115.000	115.000
31.350	115.000	115.000	114.000	114.000	114.000
31.400	114.000	114.000	113.000	113.000	113.000
31.450	113.000	113.000	112.000	112.000	112.000
31.500	112.000	112.000	111.000	111.000	111.000
31.550	111.000	111.000	110.000	110.000	110.000
31.600	110.000	110.000	110.000	109.000	109.000
31.650	109.000	109.000	109.000	108.000	108.000
31.700	108.000	108.000	108.000	107.000	107.000
31.750	107.000	107.000	107.000	106.000	106.000
31.800	106.000	106.000	106.000	105.000	105.000
31.850	105.000	105.000	105.000	104.000	104.000
31.900	104.000	104.000	104.000	103.000	103.000
31.950	103.000	103.000	103.000	103.000	102.000
32.000	102.000	102.000	102.000	102.000	101.000
32.050	101.000	101.000	101.000	101.000	100.000
32.100	100.000	100.000	100.000	100.000	99.000
32.150	99.000	99.000	99.000	99.000	98.000
32.200	98.000	98.000	98.000	98.000	97.000
32.250	97.000	97.000	97.000	97.000	96.000
32.300	96.000	96.000	96.000	96.000	96.000
32.350	95.000	95.000	95.000	95.000	95.000
32.400	94.000	94.000	94.000	94.000	94.000
32.450	93.000	93.000	93.000	93.000	93.000
32.500	92.000	92.000	92.000	92.000	92.000
32.550	91.000	91.000	91.000	91.000	91.000
32.600	90.000	90.000	90.000	90.000	90.000
32.650	89.000	89.000	89.000	89.000	89.000
32.700	89.000	88.000	88.000	88.000	88.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	88.000	87.000	87.000	87.000	87.000
32.800	87.000	86.000	86.000	86.000	86.000
32.850	86.000	85.000	85.000	85.000	85.000
32.900	85.000	84.000	84.000	84.000	84.000
32.950	84.000	83.000	83.000	83.000	83.000
33.000	83.000	82.000	82.000	82.000	82.000
33.050	82.000	82.000	81.000	81.000	81.000
33.100	81.000	81.000	80.000	80.000	80.000
33.150	80.000	80.000	79.000	79.000	79.000
33.200	79.000	79.000	78.000	78.000	78.000
33.250	78.000	78.000	77.000	77.000	77.000
33.300	77.000	77.000	76.000	76.000	76.000
33.350	76.000	76.000	75.000	75.000	75.000
33.400	75.000	75.000	75.000	74.000	74.000
33.450	74.000	74.000	74.000	73.000	73.000
33.500	73.000	73.000	73.000	72.000	72.000
33.550	72.000	72.000	72.000	71.000	71.000
33.600	71.000	71.000	71.000	70.000	70.000
33.650	70.000	70.000	70.000	69.000	69.000
33.700	69.000	69.000	69.000	68.000	68.000
33.750	68.000	68.000	68.000	68.000	67.000
33.800	67.000	67.000	67.000	67.000	66.000
33.850	66.000	66.000	66.000	66.000	65.000
33.900	65.000	65.000	65.000	65.000	64.000
33.950	64.000	64.000	64.000	64.000	63.000
34.000	63.000	63.000	63.000	63.000	62.000
34.050	62.000	62.000	62.000	62.000	61.000
34.100	61.000	61.000	61.000	61.000	61.000
34.150	60.000	60.000	60.000	60.000	60.000
34.200	59.000	59.000	59.000	59.000	59.000
34.250	58.000	58.000	58.000	58.000	58.000
34.300	57.000	57.000	57.000	57.000	57.000
34.350	56.000	56.000	56.000	56.000	56.000
34.400	55.000	55.000	55.000	55.000	55.000
34.450	54.000	54.000	54.000	54.000	54.000
34.500	54.000	53.000	53.000	53.000	53.000
34.550	53.000	52.000	52.000	52.000	52.000
34.600	52.000	51.000	51.000	51.000	51.000
34.650	51.000	50.000	50.000	50.000	50.000
34.700	50.000	49.000	49.000	49.000	49.000
34.750	49.000	48.000	48.000	48.000	48.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	48.000	47.000	47.000	47.000	47.000
34.850	47.000	47.000	46.000	46.000	46.000
34.900	46.000	46.000	45.000	45.000	45.000
34.950	45.000	45.000	44.000	44.000	44.000
35.000	44.000	44.000	43.000	43.000	43.000
35.050	43.000	43.000	42.000	42.000	42.000
35.100	42.000	42.000	41.000	41.000	41.000
35.150	41.000	41.000	40.000	40.000	40.000
35.200	40.000	40.000	40.000	39.000	39.000
35.250	39.000	39.000	39.000	38.000	38.000
35.300	38.000	38.000	38.000	37.000	37.000
35.350	37.000	37.000	37.000	36.000	36.000
35.400	36.000	36.000	36.000	35.000	35.000
35.450	35.000	35.000	35.000	34.000	34.000
35.500	34.000	34.000	34.000	33.000	33.000
35.550	33.000	33.000	33.000	33.000	32.000
35.600	32.000	32.000	32.000	32.000	31.000
35.650	31.000	31.000	31.000	31.000	30.000
35.700	30.000	30.000	30.000	30.000	29.000
35.750	29.000	29.000	29.000	29.000	28.000
35.800	28.000	28.000	28.000	28.000	27.000
35.850	27.000	27.000	27.000	27.000	27.000
35.900	26.000	26.000	26.000	26.000	26.000
35.950	25.000	25.000	25.000	25.000	25.000
36.000	25.000	24.000	24.000	24.000	24.000
36.050	24.000	24.000	23.000	23.000	23.000
36.100	23.000	23.000	23.000	22.000	22.000
36.150	22.000	22.000	22.000	22.000	21.000
36.200	21.000	21.000	21.000	21.000	21.000
36.250	21.000	20.000	20.000	20.000	20.000
36.300	20.000	20.000	20.000	19.000	19.000
36.350	19.000	19.000	19.000	19.000	19.000
36.400	18.000	18.000	18.000	18.000	18.000
36.450	18.000	18.000	18.000	17.000	17.000
36.500	17.000	17.000	17.000	17.000	17.000
36.550	17.000	17.000	16.000	16.000	16.000
36.600	16.000	16.000	16.000	16.000	16.000
36.650	15.000	15.000	15.000	15.000	15.000
36.700	15.000	15.000	15.000	15.000	15.000
36.750	14.000	14.000	14.000	14.000	14.000
36.800	14.000	14.000	14.000	14.000	14.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	13.000	13.000	13.000	13.000	13.000
36.900	13.000	13.000	13.000	13.000	13.000
36.950	13.000	12.000	12.000	12.000	12.000
37.000	12.000	12.000	12.000	12.000	12.000
37.050	12.000	12.000	12.000	11.000	11.000
37.100	11.000	11.000	11.000	11.000	11.000
37.150	11.000	11.000	11.000	11.000	11.000
37.200	11.000	10.000	10.000	10.000	10.000
37.250	10.000	10.000	10.000	10.000	10.000
37.300	10.000	10.000	10.000	10.000	10.000
37.350	9.000	9.000	9.000	9.000	9.000
37.400	9.000	9.000	9.000	9.000	9.000
37.450	9.000	9.000	9.000	9.000	9.000
37.500	8.000	8.000	8.000	8.000	8.000
37.550	8.000	8.000	8.000	8.000	8.000
37.600	8.000	8.000	8.000	8.000	8.000
37.650	8.000	8.000	8.000	7.000	7.000
37.700	7.000	7.000	7.000	7.000	7.000
37.750	7.000	7.000	7.000	7.000	7.000
37.800	7.000	7.000	7.000	7.000	7.000
37.850	7.000	7.000	7.000	6.000	6.000
37.900	6.000	6.000	6.000	6.000	6.000
37.950	6.000	6.000	6.000	6.000	6.000
38.000	6.000	6.000	6.000	6.000	6.000
38.050	6.000	6.000	6.000	6.000	6.000
38.100	6.000	6.000	5.000	5.000	5.000
38.150	5.000	5.000	5.000	5.000	5.000
38.200	5.000	5.000	5.000	5.000	5.000
38.250	5.000	5.000	5.000	5.000	5.000
38.300	5.000	5.000	5.000	5.000	5.000
38.350	5.000	5.000	5.000	5.000	5.000
38.400	4.000	4.000	4.000	4.000	4.000
38.450	4.000	4.000	4.000	4.000	4.000
38.500	4.000	4.000	4.000	4.000	4.000
38.550	4.000	4.000	4.000	4.000	4.000
38.600	4.000	4.000	4.000	4.000	4.000
38.650	4.000	4.000	4.000	4.000	4.000
38.700	4.000	4.000	4.000	4.000	4.000
38.750	4.000	3.000	3.000	3.000	3.000
38.800	3.000	3.000	3.000	3.000	3.000
38.850	3.000	3.000	3.000	3.000	3.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	3.000	3.000	3.000	3.000	3.000
38.950	3.000	3.000	3.000	3.000	3.000
39.000	3.000	3.000	3.000	3.000	3.000
39.050	3.000	3.000	3.000	3.000	3.000
39.100	3.000	3.000	3.000	3.000	3.000
39.150	3.000	3.000	3.000	3.000	3.000
39.200	3.000	3.000	3.000	3.000	2.000
39.250	2.000	2.000	2.000	2.000	2.000
39.300	2.000	2.000	2.000	2.000	2.000
39.350	2.000	2.000	2.000	2.000	2.000
39.400	2.000	2.000	2.000	2.000	2.000
39.450	2.000	2.000	2.000	2.000	2.000
39.500	2.000	2.000	2.000	2.000	2.000
39.550	2.000	2.000	2.000	2.000	2.000
39.600	2.000	2.000	2.000	2.000	2.000
39.650	2.000	2.000	2.000	2.000	2.000
39.700	2.000	2.000	2.000	2.000	2.000
39.750	2.000	2.000	2.000	2.000	2.000
39.800	2.000	2.000	2.000	2.000	2.000
39.850	2.000	2.000	2.000	2.000	2.000
39.900	2.000	2.000	2.000	2.000	2.000
39.950	2.000	1.000	1.000	1.000	1.000
40.000	1.000	1.000	1.000	1.000	1.000
40.050	1.000	1.000	1.000	1.000	1.000
40.100	1.000	1.000	1.000	1.000	1.000
40.150	1.000	1.000	1.000	1.000	1.000
40.200	1.000	1.000	1.000	1.000	1.000
40.250	1.000	1.000	1.000	1.000	1.000
40.300	1.000	1.000	1.000	1.000	1.000
40.350	1.000	1.000	1.000	1.000	1.000
40.400	1.000	1.000	1.000	1.000	1.000
40.450	1.000	1.000	1.000	1.000	1.000
40.500	1.000	1.000	1.000	1.000	1.000
40.550	1.000	1.000	1.000	1.000	1.000
40.600	1.000	1.000	1.000	1.000	1.000
40.650	1.000	1.000	1.000	1.000	1.000
40.700	1.000	1.000	1.000	1.000	1.000
40.750	1.000	1.000	1.000	1.000	1.000
40.800	1.000	1.000	1.000	1.000	1.000
40.850	1.000	1.000	1.000	1.000	1.000
40.900	1.000	1.000	1.000	1.000	1.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	1.000	1.000	1.000	1.000	1.000
41.000	1.000	1.000	1.000	1.000	1.000
41.050	1.000	1.000	1.000	1.000	1.000
41.100	1.000	1.000	1.000	1.000	1.000
41.150	1.000	1.000	1.000	1.000	1.000
41.200	1.000	1.000	1.000	1.000	1.000
41.250	1.000	1.000	1.000	1.000	1.000
41.300	1.000	1.000	1.000	1.000	1.000
41.350	1.000	1.000	1.000	1.000	1.000
41.400	1.000	1.000	1.000	1.000	1.000
41.450	1.000	1.000	1.000	1.000	1.000
41.500	1.000	0.000	0.000	0.000	0.000
41.550	0.000	0.000	0.000	0.000	0.000
41.600	0.000	0.000	0.000	0.000	0.000
41.650	0.000	0.000	0.000	0.000	0.000
41.700	0.000	0.000	0.000	0.000	0.000
41.750	0.000	0.000	0.000	0.000	0.000
41.800	0.000	0.000	0.000	0.000	0.000
41.850	0.000	0.000	0.000	0.000	0.000
41.900	0.000	0.000	0.000	0.000	0.000
41.950	0.000	0.000	0.000	0.000	0.000
42.000	0.000	0.000	0.000	0.000	0.000
42.050	0.000	0.000	0.000	0.000	0.000
42.100	0.000	0.000	0.000	0.000	0.000
42.150	0.000	0.000	0.000	0.000	0.000
42.200	0.000	0.000	0.000	0.000	0.000
42.250	0.000	0.000	0.000	0.000	0.000
42.300	0.000	0.000	0.000	0.000	0.000
42.350	0.000	0.000	0.000	0.000	0.000
42.400	0.000	0.000	0.000	0.000	0.000
42.450	0.000	0.000	0.000	0.000	0.000
42.500	0.000	0.000	0.000	0.000	0.000
42.550	0.000	0.000	0.000	0.000	0.000
42.600	0.000	0.000	0.000	0.000	0.000
42.650	0.000	0.000	0.000	0.000	0.000
42.700	0.000	0.000	0.000	0.000	0.000
42.750	0.000	0.000	0.000	0.000	0.000
42.800	0.000	0.000	0.000	0.000	0.000
42.850	0.000	0.000	0.000	0.000	0.000
42.900	0.000	0.000	0.000	0.000	0.000
42.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	0.000	0.000	0.000	0.000	0.000
43.050	0.000	0.000	0.000	0.000	0.000
43.100	0.000	0.000	0.000	0.000	0.000
43.150	0.000	0.000	0.000	0.000	0.000
43.200	0.000	0.000	0.000	0.000	0.000
43.250	0.000	0.000	0.000	0.000	0.000
43.300	0.000	0.000	0.000	0.000	0.000
43.350	0.000	0.000	0.000	0.000	0.000
43.400	0.000	0.000	0.000	0.000	0.000
43.450	0.000	0.000	0.000	0.000	0.000
43.500	0.000	0.000	0.000	0.000	0.000
43.550	0.000	0.000	0.000	0.000	0.000
43.600	0.000	0.000	0.000	0.000	0.000
43.650	0.000	0.000	0.000	0.000	0.000
43.700	0.000	0.000	0.000	0.000	0.000
43.750	0.000	0.000	0.000	0.000	0.000
43.800	0.000	0.000	0.000	0.000	0.000
43.850	0.000	0.000	0.000	0.000	0.000
43.900	0.000	0.000	0.000	0.000	0.000
43.950	0.000	0.000	0.000	0.000	0.000
44.000	0.000	0.000	0.000	0.000	0.000
44.050	0.000	0.000	0.000	0.000	0.000
44.100	0.000	0.000	0.000	0.000	0.000
44.150	0.000	0.000	0.000	0.000	0.000
44.200	0.000	0.000	0.000	0.000	0.000
44.250	0.000	0.000	0.000	0.000	0.000
44.300	0.000	0.000	0.000	0.000	0.000
44.350	0.000	0.000	0.000	0.000	0.000
44.400	0.000	0.000	0.000	0.000	0.000
44.450	0.000	0.000	0.000	0.000	0.000
44.500	0.000	0.000	0.000	0.000	0.000
44.550	0.000	0.000	0.000	0.000	0.000
44.600	0.000	0.000	0.000	0.000	0.000
44.650	0.000	0.000	0.000	0.000	0.000
44.700	0.000	0.000	0.000	0.000	0.000
44.750	0.000	0.000	0.000	0.000	0.000
44.800	0.000	0.000	0.000	0.000	0.000
44.850	0.000	0.000	0.000	0.000	0.000
44.900	0.000	0.000	0.000	0.000	0.000
44.950	0.000	0.000	0.000	0.000	0.000
45.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	0.000	0.000	0.000	0.000	0.000
45.100	0.000	0.000	0.000	0.000	0.000
45.150	0.000	0.000	0.000	0.000	0.000
45.200	0.000	0.000	0.000	0.000	0.000
45.250	0.000	0.000	0.000	0.000	0.000
45.300	0.000	0.000	0.000	0.000	0.000
45.350	0.000	0.000	0.000	0.000	0.000
45.400	0.000	0.000	0.000	0.000	0.000
45.450	0.000	0.000	0.000	0.000	0.000
45.500	0.000	0.000	0.000	0.000	0.000
45.550	0.000	0.000	0.000	0.000	0.000
45.600	0.000	0.000	0.000	0.000	0.000
45.650	0.000	0.000	0.000	0.000	0.000
45.700	0.000	0.000	0.000	0.000	0.000
45.750	0.000	0.000	0.000	0.000	0.000
45.800	0.000	0.000	0.000	0.000	0.000
45.850	0.000	0.000	0.000	0.000	0.000
45.900	0.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-4
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	0.000	0.000
4.100	0.000	0.000	0.000	0.000	0.000
4.150	0.000	0.000	0.000	0.000	0.000
4.200	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.300	0.000	0.000	0.000	0.000	0.000
4.350	0.000	0.000	0.000	0.000	0.000
4.400	0.000	0.000	0.000	0.000	0.000
4.450	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.550	0.000	0.000	0.000	0.000	0.000
4.600	0.000	0.000	0.000	0.000	0.000
4.650	0.000	0.000	0.000	0.000	0.000
4.700	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
4.800	0.000	0.000	0.000	0.000	0.000
4.850	0.000	0.000	0.000	0.000	0.000
4.900	0.000	0.000	0.000	0.000	0.000
4.950	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.050	0.000	0.000	0.000	0.000	0.000
5.100	0.000	0.000	0.000	0.000	0.000
5.150	0.000	0.000	0.000	0.000	0.000
5.200	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.300	0.000	0.000	0.000	0.000	0.000
5.350	0.000	0.000	0.000	0.000	0.000
5.400	0.000	0.000	0.000	0.000	0.000
5.450	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.550	0.000	0.000	0.000	0.000	0.000
5.600	0.000	0.000	0.000	0.000	0.000
5.650	0.000	0.000	0.000	0.000	0.000
5.700	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
5.800	0.000	0.000	0.000	0.000	0.000
5.850	0.000	0.000	0.000	0.000	0.000
5.900	0.000	0.000	0.000	0.000	0.000
5.950	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	0.000	0.000	0.000	0.000	0.000
6.150	0.000	0.000	0.000	0.000	0.000
6.200	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.300	0.000	0.000	0.000	0.000	0.000
6.350	0.000	0.000	0.000	0.000	0.000
6.400	0.000	0.000	0.000	0.000	0.000
6.450	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.550	0.000	0.000	0.000	1.000	1.000
6.600	1.000	1.000	1.000	1.000	2.000
6.650	2.000	2.000	2.000	2.000	3.000
6.700	3.000	3.000	3.000	4.000	4.000
6.750	4.000	4.000	5.000	5.000	5.000
6.800	5.000	6.000	6.000	6.000	6.000
6.850	7.000	7.000	7.000	7.000	8.000
6.900	8.000	8.000	9.000	9.000	9.000
6.950	9.000	10.000	10.000	10.000	10.000
7.000	11.000	11.000	11.000	11.000	12.000
7.050	12.000	12.000	12.000	13.000	13.000
7.100	13.000	14.000	14.000	14.000	14.000
7.150	15.000	15.000	15.000	15.000	16.000
7.200	16.000	16.000	16.000	17.000	17.000
7.250	17.000	17.000	18.000	18.000	18.000
7.300	18.000	19.000	19.000	19.000	19.000
7.350	20.000	20.000	20.000	20.000	21.000
7.400	21.000	21.000	21.000	22.000	22.000
7.450	22.000	23.000	23.000	23.000	23.000
7.500	24.000	24.000	24.000	25.000	25.000
7.550	25.000	25.000	26.000	26.000	26.000
7.600	26.000	27.000	27.000	27.000	28.000
7.650	28.000	28.000	28.000	29.000	29.000
7.700	29.000	30.000	30.000	30.000	31.000
7.750	31.000	31.000	31.000	32.000	32.000
7.800	32.000	33.000	33.000	33.000	34.000
7.850	34.000	34.000	34.000	35.000	35.000
7.900	35.000	36.000	36.000	36.000	37.000
7.950	37.000	37.000	38.000	38.000	38.000
8.000	39.000	39.000	39.000	39.000	40.000
8.050	40.000	40.000	41.000	41.000	41.000
8.100	42.000	42.000	42.000	43.000	43.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	43.000	44.000	44.000	44.000	45.000
8.200	45.000	45.000	46.000	46.000	47.000
8.250	47.000	47.000	48.000	48.000	48.000
8.300	49.000	49.000	49.000	50.000	50.000
8.350	51.000	51.000	51.000	52.000	52.000
8.400	52.000	53.000	53.000	54.000	54.000
8.450	54.000	55.000	55.000	56.000	56.000
8.500	57.000	57.000	57.000	58.000	58.000
8.550	59.000	59.000	59.000	60.000	60.000
8.600	61.000	61.000	62.000	62.000	63.000
8.650	63.000	64.000	64.000	64.000	65.000
8.700	65.000	66.000	66.000	67.000	67.000
8.750	68.000	68.000	69.000	69.000	70.000
8.800	70.000	71.000	71.000	72.000	72.000
8.850	73.000	73.000	74.000	74.000	75.000
8.900	75.000	76.000	77.000	77.000	78.000
8.950	78.000	79.000	79.000	80.000	80.000
9.000	81.000	81.000	82.000	83.000	83.000
9.050	84.000	84.000	85.000	85.000	86.000
9.100	87.000	87.000	88.000	88.000	89.000
9.150	90.000	90.000	91.000	91.000	92.000
9.200	93.000	93.000	94.000	94.000	95.000
9.250	96.000	96.000	97.000	97.000	98.000
9.300	99.000	99.000	100.000	101.000	101.000
9.350	102.000	102.000	103.000	104.000	104.000
9.400	105.000	106.000	106.000	107.000	107.000
9.450	108.000	109.000	109.000	110.000	111.000
9.500	111.000	112.000	113.000	113.000	114.000
9.550	114.000	115.000	116.000	116.000	117.000
9.600	118.000	118.000	119.000	120.000	120.000
9.650	121.000	122.000	122.000	123.000	124.000
9.700	124.000	125.000	126.000	126.000	127.000
9.750	128.000	128.000	129.000	130.000	130.000
9.800	131.000	132.000	132.000	133.000	134.000
9.850	135.000	135.000	136.000	137.000	137.000
9.900	138.000	139.000	140.000	140.000	141.000
9.950	142.000	143.000	143.000	144.000	145.000
10.000	146.000	146.000	147.000	148.000	148.000
10.050	149.000	150.000	150.000	151.000	151.000
10.100	152.000	153.000	153.000	154.000	154.000
10.150	155.000	155.000	156.000	156.000	156.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	157.000	157.000	158.000	158.000	158.000
10.250	159.000	159.000	160.000	160.000	160.000
10.300	161.000	161.000	161.000	162.000	162.000
10.350	162.000	163.000	163.000	163.000	164.000
10.400	164.000	164.000	164.000	165.000	165.000
10.450	165.000	166.000	166.000	166.000	166.000
10.500	167.000	167.000	167.000	167.000	168.000
10.550	168.000	168.000	168.000	169.000	169.000
10.600	169.000	169.000	170.000	170.000	170.000
10.650	170.000	171.000	171.000	171.000	171.000
10.700	172.000	172.000	172.000	172.000	173.000
10.750	173.000	173.000	173.000	174.000	174.000
10.800	174.000	174.000	175.000	175.000	175.000
10.850	175.000	176.000	176.000	176.000	177.000
10.900	177.000	177.000	177.000	178.000	178.000
10.950	178.000	178.000	179.000	179.000	179.000
11.000	180.000	180.000	180.000	180.000	181.000
11.050	181.000	181.000	182.000	182.000	182.000
11.100	183.000	183.000	183.000	184.000	184.000
11.150	184.000	185.000	185.000	185.000	186.000
11.200	186.000	186.000	187.000	187.000	188.000
11.250	188.000	188.000	189.000	189.000	190.000
11.300	190.000	191.000	191.000	192.000	192.000
11.350	193.000	193.000	194.000	194.000	195.000
11.400	195.000	196.000	196.000	197.000	197.000
11.450	198.000	199.000	199.000	200.000	200.000
11.500	201.000	202.000	202.000	203.000	203.000
11.550	204.000	205.000	206.000	207.000	208.000
11.600	209.000	210.000	212.000	213.000	215.000
11.650	216.000	218.000	220.000	225.000	232.000
11.700	242.000	251.000	260.000	270.000	280.000
11.750	292.000	304.000	313.000	317.000	317.000
11.800	318.000	318.000	319.000	319.000	320.000
11.850	322.000	323.000	324.000	326.000	327.000
11.900	328.000	328.000	329.000	329.000	328.000
11.950	328.000	327.000	326.000	325.000	325.000
12.000	324.000	324.000	323.000	322.000	321.000
12.050	319.000	318.000	316.000	314.000	313.000
12.100	312.000	311.000	311.000	310.000	310.000
12.150	310.000	309.000	309.000	309.000	309.000
12.200	309.000	309.000	309.000	309.000	309.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	309.000	309.000	309.000	309.000	308.000
12.300	308.000	308.000	308.000	308.000	307.000
12.350	307.000	307.000	306.000	306.000	306.000
12.400	305.000	305.000	304.000	303.000	303.000
12.450	302.000	301.000	301.000	300.000	299.000
12.500	298.000	297.000	297.000	296.000	295.000
12.550	294.000	293.000	292.000	290.000	289.000
12.600	288.000	287.000	286.000	285.000	283.000
12.650	282.000	281.000	280.000	278.000	277.000
12.700	276.000	275.000	273.000	272.000	271.000
12.750	269.000	268.000	267.000	266.000	264.000
12.800	263.000	262.000	260.000	259.000	258.000
12.850	256.000	255.000	254.000	252.000	251.000
12.900	250.000	248.000	247.000	246.000	245.000
12.950	243.000	242.000	241.000	240.000	239.000
13.000	237.000	236.000	235.000	234.000	233.000
13.050	232.000	230.000	229.000	228.000	227.000
13.100	226.000	225.000	224.000	223.000	222.000
13.150	221.000	220.000	219.000	218.000	217.000
13.200	217.000	216.000	215.000	214.000	213.000
13.250	212.000	212.000	211.000	210.000	210.000
13.300	209.000	208.000	207.000	207.000	206.000
13.350	206.000	205.000	204.000	204.000	203.000
13.400	203.000	202.000	201.000	201.000	200.000
13.450	200.000	199.000	199.000	198.000	198.000
13.500	197.000	197.000	196.000	196.000	196.000
13.550	195.000	195.000	194.000	194.000	193.000
13.600	193.000	193.000	192.000	192.000	192.000
13.650	191.000	191.000	190.000	190.000	190.000
13.700	189.000	189.000	189.000	188.000	188.000
13.750	188.000	187.000	187.000	187.000	186.000
13.800	186.000	186.000	186.000	185.000	185.000
13.850	185.000	184.000	184.000	184.000	184.000
13.900	183.000	183.000	183.000	183.000	182.000
13.950	182.000	182.000	182.000	181.000	181.000
14.000	181.000	181.000	180.000	180.000	180.000
14.050	180.000	180.000	179.000	179.000	179.000
14.100	179.000	178.000	178.000	178.000	178.000
14.150	178.000	177.000	177.000	177.000	177.000
14.200	177.000	177.000	176.000	176.000	176.000
14.250	176.000	176.000	175.000	175.000	175.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	175.000	175.000	175.000	175.000	174.000
14.350	174.000	174.000	174.000	174.000	174.000
14.400	174.000	173.000	173.000	173.000	173.000
14.450	173.000	173.000	173.000	173.000	172.000
14.500	172.000	172.000	172.000	172.000	172.000
14.550	172.000	172.000	172.000	172.000	171.000
14.600	171.000	171.000	171.000	171.000	171.000
14.650	171.000	171.000	171.000	171.000	171.000
14.700	170.000	170.000	170.000	170.000	170.000
14.750	170.000	170.000	170.000	170.000	170.000
14.800	170.000	170.000	169.000	169.000	169.000
14.850	169.000	169.000	169.000	169.000	169.000
14.900	169.000	169.000	169.000	169.000	169.000
14.950	168.000	168.000	168.000	168.000	168.000
15.000	168.000	168.000	168.000	168.000	168.000
15.050	168.000	168.000	168.000	168.000	168.000
15.100	167.000	167.000	167.000	167.000	167.000
15.150	167.000	167.000	167.000	167.000	167.000
15.200	167.000	167.000	167.000	167.000	167.000
15.250	167.000	166.000	166.000	166.000	166.000
15.300	166.000	166.000	166.000	166.000	166.000
15.350	166.000	166.000	166.000	166.000	166.000
15.400	166.000	166.000	165.000	165.000	165.000
15.450	165.000	165.000	165.000	165.000	165.000
15.500	165.000	165.000	165.000	165.000	165.000
15.550	165.000	165.000	165.000	164.000	164.000
15.600	164.000	164.000	164.000	164.000	164.000
15.650	164.000	164.000	164.000	164.000	164.000
15.700	164.000	164.000	164.000	164.000	163.000
15.750	163.000	163.000	163.000	163.000	163.000
15.800	163.000	163.000	163.000	163.000	163.000
15.850	163.000	163.000	163.000	163.000	163.000
15.900	163.000	162.000	162.000	162.000	162.000
15.950	162.000	162.000	162.000	162.000	162.000
16.000	162.000	162.000	162.000	162.000	162.000
16.050	162.000	162.000	162.000	161.000	161.000
16.100	161.000	161.000	161.000	161.000	161.000
16.150	161.000	161.000	161.000	161.000	161.000
16.200	161.000	161.000	161.000	161.000	161.000
16.250	161.000	160.000	160.000	160.000	160.000
16.300	160.000	160.000	160.000	160.000	160.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	160.000	160.000	160.000	160.000	160.000
16.400	160.000	160.000	160.000	160.000	160.000
16.450	160.000	160.000	160.000	160.000	159.000
16.500	159.000	159.000	159.000	159.000	159.000
16.550	159.000	159.000	159.000	159.000	159.000
16.600	159.000	159.000	159.000	159.000	159.000
16.650	159.000	159.000	159.000	159.000	159.000
16.700	159.000	159.000	159.000	159.000	159.000
16.750	159.000	159.000	159.000	159.000	159.000
16.800	159.000	159.000	158.000	158.000	158.000
16.850	158.000	158.000	158.000	158.000	158.000
16.900	158.000	158.000	158.000	158.000	158.000
16.950	158.000	158.000	158.000	158.000	158.000
17.000	158.000	158.000	158.000	158.000	158.000
17.050	158.000	158.000	158.000	158.000	158.000
17.100	158.000	158.000	158.000	158.000	158.000
17.150	158.000	158.000	158.000	158.000	158.000
17.200	158.000	158.000	158.000	158.000	157.000
17.250	157.000	157.000	157.000	157.000	157.000
17.300	157.000	157.000	157.000	157.000	157.000
17.350	157.000	157.000	157.000	157.000	157.000
17.400	157.000	157.000	157.000	157.000	157.000
17.450	157.000	157.000	157.000	157.000	157.000
17.500	157.000	157.000	157.000	157.000	157.000
17.550	157.000	157.000	157.000	157.000	157.000
17.600	157.000	157.000	157.000	157.000	157.000
17.650	157.000	157.000	157.000	157.000	156.000
17.700	156.000	156.000	156.000	156.000	156.000
17.750	156.000	156.000	156.000	156.000	156.000
17.800	156.000	156.000	156.000	156.000	156.000
17.850	156.000	156.000	156.000	156.000	156.000
17.900	156.000	156.000	156.000	156.000	156.000
17.950	156.000	156.000	156.000	156.000	156.000
18.000	156.000	156.000	156.000	156.000	156.000
18.050	156.000	156.000	156.000	156.000	156.000
18.100	156.000	156.000	156.000	156.000	156.000
18.150	156.000	155.000	155.000	155.000	155.000
18.200	155.000	155.000	155.000	155.000	155.000
18.250	155.000	155.000	155.000	155.000	155.000
18.300	155.000	155.000	155.000	155.000	155.000
18.350	155.000	155.000	155.000	155.000	155.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	155.000	155.000	155.000	155.000	155.000
18.450	155.000	155.000	155.000	155.000	155.000
18.500	155.000	155.000	155.000	155.000	155.000
18.550	155.000	155.000	155.000	155.000	155.000
18.600	155.000	155.000	155.000	154.000	154.000
18.650	154.000	154.000	154.000	154.000	154.000
18.700	154.000	154.000	154.000	154.000	154.000
18.750	154.000	154.000	154.000	154.000	154.000
18.800	154.000	154.000	154.000	154.000	154.000
18.850	154.000	154.000	154.000	154.000	154.000
18.900	154.000	154.000	154.000	154.000	154.000
18.950	154.000	154.000	154.000	154.000	154.000
19.000	154.000	154.000	154.000	154.000	154.000
19.050	154.000	154.000	154.000	154.000	153.000
19.100	153.000	153.000	153.000	153.000	153.000
19.150	153.000	153.000	153.000	153.000	153.000
19.200	153.000	153.000	153.000	153.000	153.000
19.250	153.000	153.000	153.000	153.000	153.000
19.300	153.000	153.000	153.000	153.000	153.000
19.350	153.000	153.000	153.000	153.000	153.000
19.400	153.000	153.000	153.000	153.000	153.000
19.450	153.000	153.000	153.000	153.000	153.000
19.500	153.000	153.000	153.000	153.000	153.000
19.550	153.000	152.000	152.000	152.000	152.000
19.600	152.000	152.000	152.000	152.000	152.000
19.650	152.000	152.000	152.000	152.000	152.000
19.700	152.000	152.000	152.000	152.000	152.000
19.750	152.000	152.000	152.000	152.000	152.000
19.800	152.000	152.000	152.000	152.000	152.000
19.850	152.000	152.000	152.000	152.000	152.000
19.900	152.000	152.000	152.000	152.000	152.000
19.950	152.000	152.000	152.000	152.000	152.000
20.000	152.000	152.000	151.000	151.000	151.000
20.050	151.000	151.000	151.000	151.000	151.000
20.100	151.000	151.000	151.000	151.000	151.000
20.150	151.000	151.000	151.000	151.000	151.000
20.200	151.000	151.000	151.000	151.000	151.000
20.250	151.000	151.000	151.000	151.000	151.000
20.300	151.000	151.000	151.000	151.000	151.000
20.350	151.000	151.000	151.000	151.000	151.000
20.400	151.000	151.000	151.000	151.000	151.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	151.000	151.000	151.000	151.000	151.000
20.500	151.000	151.000	151.000	151.000	151.000
20.550	151.000	151.000	151.000	151.000	151.000
20.600	151.000	151.000	151.000	151.000	151.000
20.650	151.000	151.000	151.000	151.000	151.000
20.700	151.000	151.000	151.000	150.000	150.000
20.750	150.000	150.000	150.000	150.000	150.000
20.800	150.000	150.000	150.000	150.000	150.000
20.850	150.000	150.000	150.000	150.000	150.000
20.900	150.000	150.000	150.000	150.000	150.000
20.950	150.000	150.000	150.000	150.000	150.000
21.000	150.000	150.000	150.000	150.000	150.000
21.050	150.000	150.000	150.000	150.000	150.000
21.100	150.000	150.000	150.000	150.000	150.000
21.150	150.000	150.000	150.000	150.000	150.000
21.200	150.000	150.000	150.000	150.000	150.000
21.250	150.000	150.000	150.000	150.000	150.000
21.300	150.000	150.000	150.000	150.000	150.000
21.350	150.000	150.000	150.000	150.000	150.000
21.400	150.000	150.000	150.000	150.000	150.000
21.450	150.000	150.000	150.000	150.000	150.000
21.500	150.000	150.000	150.000	150.000	150.000
21.550	150.000	150.000	150.000	150.000	150.000
21.600	150.000	150.000	150.000	150.000	150.000
21.650	150.000	150.000	150.000	150.000	150.000
21.700	150.000	150.000	150.000	150.000	150.000
21.750	150.000	150.000	150.000	150.000	150.000
21.800	150.000	150.000	150.000	150.000	150.000
21.850	150.000	150.000	150.000	150.000	150.000
21.900	150.000	150.000	150.000	150.000	150.000
21.950	150.000	150.000	150.000	150.000	150.000
22.000	150.000	150.000	150.000	150.000	150.000
22.050	150.000	150.000	150.000	150.000	150.000
22.100	150.000	150.000	150.000	150.000	150.000
22.150	150.000	150.000	150.000	150.000	150.000
22.200	150.000	150.000	150.000	150.000	150.000
22.250	150.000	150.000	150.000	150.000	150.000
22.300	150.000	150.000	150.000	150.000	150.000
22.350	150.000	150.000	150.000	150.000	150.000
22.400	150.000	150.000	150.000	150.000	150.000
22.450	150.000	150.000	150.000	150.000	150.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	150.000	150.000	150.000	150.000	150.000
22.550	150.000	150.000	150.000	150.000	150.000
22.600	150.000	150.000	150.000	150.000	150.000
22.650	150.000	150.000	150.000	150.000	150.000
22.700	150.000	150.000	150.000	150.000	150.000
22.750	150.000	150.000	150.000	150.000	150.000
22.800	150.000	150.000	150.000	150.000	150.000
22.850	150.000	150.000	150.000	149.000	149.000
22.900	149.000	149.000	149.000	149.000	149.000
22.950	149.000	149.000	149.000	149.000	149.000
23.000	149.000	149.000	149.000	149.000	149.000
23.050	149.000	149.000	149.000	149.000	149.000
23.100	149.000	149.000	149.000	149.000	149.000
23.150	149.000	149.000	149.000	149.000	149.000
23.200	149.000	149.000	149.000	149.000	149.000
23.250	149.000	149.000	149.000	149.000	149.000
23.300	149.000	149.000	149.000	149.000	149.000
23.350	149.000	149.000	149.000	149.000	149.000
23.400	149.000	149.000	149.000	149.000	149.000
23.450	149.000	149.000	149.000	149.000	149.000
23.500	149.000	149.000	149.000	149.000	149.000
23.550	149.000	149.000	149.000	149.000	149.000
23.600	149.000	149.000	149.000	149.000	149.000
23.650	149.000	149.000	149.000	149.000	149.000
23.700	149.000	149.000	149.000	149.000	149.000
23.750	149.000	149.000	149.000	149.000	149.000
23.800	149.000	149.000	149.000	149.000	149.000
23.850	149.000	149.000	149.000	149.000	149.000
23.900	149.000	149.000	149.000	149.000	149.000
23.950	149.000	149.000	149.000	149.000	149.000
24.000	149.000	149.000	149.000	149.000	149.000
24.050	149.000	149.000	149.000	149.000	149.000
24.100	149.000	149.000	149.000	148.000	148.000
24.150	148.000	148.000	148.000	148.000	148.000
24.200	147.000	147.000	147.000	147.000	147.000
24.250	147.000	146.000	146.000	146.000	146.000
24.300	146.000	146.000	145.000	145.000	145.000
24.350	145.000	145.000	145.000	145.000	144.000
24.400	144.000	144.000	144.000	144.000	144.000
24.450	144.000	144.000	143.000	143.000	143.000
24.500	143.000	143.000	143.000	143.000	143.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	142.000	142.000	142.000	142.000	142.000
24.600	142.000	142.000	142.000	142.000	141.000
24.650	141.000	141.000	141.000	141.000	141.000
24.700	141.000	141.000	140.000	140.000	140.000
24.750	140.000	140.000	140.000	140.000	140.000
24.800	140.000	139.000	139.000	139.000	139.000
24.850	139.000	139.000	139.000	139.000	138.000
24.900	138.000	138.000	138.000	138.000	138.000
24.950	138.000	138.000	138.000	137.000	137.000
25.000	137.000	137.000	137.000	137.000	137.000
25.050	137.000	136.000	136.000	136.000	136.000
25.100	136.000	136.000	136.000	136.000	135.000
25.150	135.000	135.000	135.000	135.000	135.000
25.200	135.000	135.000	135.000	134.000	134.000
25.250	134.000	134.000	134.000	134.000	134.000
25.300	134.000	133.000	133.000	133.000	133.000
25.350	133.000	133.000	133.000	133.000	133.000
25.400	132.000	132.000	132.000	132.000	132.000
25.450	132.000	132.000	132.000	131.000	131.000
25.500	131.000	131.000	131.000	131.000	131.000
25.550	131.000	130.000	130.000	130.000	130.000
25.600	130.000	130.000	130.000	130.000	130.000
25.650	129.000	129.000	129.000	129.000	129.000
25.700	129.000	129.000	129.000	128.000	128.000
25.750	128.000	128.000	128.000	128.000	128.000
25.800	128.000	128.000	127.000	127.000	127.000
25.850	127.000	127.000	127.000	127.000	127.000
25.900	126.000	126.000	126.000	126.000	126.000
25.950	126.000	126.000	126.000	126.000	125.000
26.000	125.000	125.000	125.000	125.000	125.000
26.050	125.000	125.000	124.000	124.000	124.000
26.100	124.000	124.000	124.000	124.000	124.000
26.150	123.000	123.000	123.000	123.000	123.000
26.200	123.000	123.000	123.000	123.000	122.000
26.250	122.000	122.000	122.000	122.000	122.000
26.300	122.000	122.000	121.000	121.000	121.000
26.350	121.000	121.000	121.000	121.000	121.000
26.400	121.000	120.000	120.000	120.000	120.000
26.450	120.000	120.000	120.000	120.000	119.000
26.500	119.000	119.000	119.000	119.000	119.000
26.550	119.000	119.000	118.000	118.000	118.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	118.000	118.000	118.000	118.000	118.000
26.650	118.000	117.000	117.000	117.000	117.000
26.700	117.000	117.000	117.000	117.000	116.000
26.750	116.000	116.000	116.000	116.000	116.000
26.800	116.000	116.000	116.000	115.000	115.000
26.850	115.000	115.000	115.000	115.000	115.000
26.900	115.000	114.000	114.000	114.000	114.000
26.950	114.000	114.000	114.000	114.000	114.000
27.000	113.000	113.000	113.000	113.000	113.000
27.050	113.000	113.000	113.000	112.000	112.000
27.100	112.000	112.000	112.000	112.000	112.000
27.150	112.000	111.000	111.000	111.000	111.000
27.200	111.000	111.000	111.000	111.000	111.000
27.250	110.000	110.000	110.000	110.000	110.000
27.300	110.000	110.000	110.000	109.000	109.000
27.350	109.000	109.000	109.000	109.000	109.000
27.400	109.000	109.000	108.000	108.000	108.000
27.450	108.000	108.000	108.000	108.000	108.000
27.500	107.000	107.000	107.000	107.000	107.000
27.550	107.000	107.000	107.000	107.000	106.000
27.600	106.000	106.000	106.000	106.000	106.000
27.650	106.000	106.000	105.000	105.000	105.000
27.700	105.000	105.000	105.000	105.000	105.000
27.750	104.000	104.000	104.000	104.000	104.000
27.800	104.000	104.000	104.000	104.000	103.000
27.850	103.000	103.000	103.000	103.000	103.000
27.900	103.000	103.000	102.000	102.000	102.000
27.950	102.000	102.000	102.000	102.000	102.000
28.000	102.000	101.000	101.000	101.000	101.000
28.050	101.000	101.000	101.000	101.000	100.000
28.100	100.000	100.000	100.000	100.000	100.000
28.150	100.000	100.000	99.000	99.000	99.000
28.200	99.000	99.000	99.000	99.000	99.000
28.250	99.000	98.000	98.000	98.000	98.000
28.300	98.000	98.000	98.000	98.000	97.000
28.350	97.000	97.000	97.000	97.000	97.000
28.400	97.000	97.000	97.000	96.000	96.000
28.450	96.000	96.000	96.000	96.000	96.000
28.500	96.000	95.000	95.000	95.000	95.000
28.550	95.000	95.000	95.000	95.000	95.000
28.600	94.000	94.000	94.000	94.000	94.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	94.000	94.000	94.000	93.000	93.000
28.700	93.000	93.000	93.000	93.000	93.000
28.750	93.000	92.000	92.000	92.000	92.000
28.800	92.000	92.000	92.000	92.000	92.000
28.850	91.000	91.000	91.000	91.000	91.000
28.900	91.000	91.000	91.000	90.000	90.000
28.950	90.000	90.000	90.000	90.000	90.000
29.000	90.000	90.000	89.000	89.000	89.000
29.050	89.000	89.000	89.000	89.000	89.000
29.100	88.000	88.000	88.000	88.000	88.000
29.150	88.000	88.000	88.000	87.000	87.000
29.200	87.000	87.000	87.000	87.000	87.000
29.250	87.000	87.000	86.000	86.000	86.000
29.300	86.000	86.000	86.000	86.000	86.000
29.350	85.000	85.000	85.000	85.000	85.000
29.400	85.000	85.000	85.000	85.000	84.000
29.450	84.000	84.000	84.000	84.000	84.000
29.500	84.000	84.000	83.000	83.000	83.000
29.550	83.000	83.000	83.000	83.000	83.000
29.600	83.000	82.000	82.000	82.000	82.000
29.650	82.000	82.000	82.000	82.000	81.000
29.700	81.000	81.000	81.000	81.000	81.000
29.750	81.000	81.000	80.000	80.000	80.000
29.800	80.000	80.000	80.000	80.000	80.000
29.850	80.000	79.000	79.000	79.000	79.000
29.900	79.000	79.000	79.000	79.000	78.000
29.950	78.000	78.000	78.000	78.000	78.000
30.000	78.000	78.000	78.000	77.000	77.000
30.050	77.000	77.000	77.000	77.000	77.000
30.100	77.000	76.000	76.000	76.000	76.000
30.150	76.000	76.000	76.000	76.000	75.000
30.200	75.000	75.000	75.000	75.000	75.000
30.250	75.000	75.000	75.000	74.000	74.000
30.300	74.000	74.000	74.000	74.000	74.000
30.350	74.000	73.000	73.000	73.000	73.000
30.400	73.000	73.000	73.000	73.000	73.000
30.450	72.000	72.000	72.000	72.000	72.000
30.500	72.000	72.000	72.000	71.000	71.000
30.550	71.000	71.000	71.000	71.000	71.000
30.600	71.000	71.000	70.000	70.000	70.000
30.650	70.000	70.000	70.000	70.000	70.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	69.000	69.000	69.000	69.000	69.000
30.750	69.000	69.000	69.000	68.000	68.000
30.800	68.000	68.000	68.000	68.000	68.000
30.850	68.000	68.000	67.000	67.000	67.000
30.900	67.000	67.000	67.000	67.000	67.000
30.950	66.000	66.000	66.000	66.000	66.000
31.000	66.000	66.000	66.000	66.000	65.000
31.050	65.000	65.000	65.000	65.000	65.000
31.100	65.000	65.000	64.000	64.000	64.000
31.150	64.000	64.000	64.000	64.000	64.000
31.200	63.000	63.000	63.000	63.000	63.000
31.250	63.000	63.000	63.000	63.000	62.000
31.300	62.000	62.000	62.000	62.000	62.000
31.350	62.000	62.000	61.000	61.000	61.000
31.400	61.000	61.000	61.000	61.000	61.000
31.450	61.000	60.000	60.000	60.000	60.000
31.500	60.000	60.000	60.000	60.000	59.000
31.550	59.000	59.000	59.000	59.000	59.000
31.600	59.000	59.000	59.000	58.000	58.000
31.650	58.000	58.000	58.000	58.000	58.000
31.700	58.000	57.000	57.000	57.000	57.000
31.750	57.000	57.000	57.000	57.000	56.000
31.800	56.000	56.000	56.000	56.000	56.000
31.850	56.000	56.000	56.000	55.000	55.000
31.900	55.000	55.000	55.000	55.000	55.000
31.950	55.000	54.000	54.000	54.000	54.000
32.000	54.000	54.000	54.000	54.000	54.000
32.050	53.000	53.000	53.000	53.000	53.000
32.100	53.000	53.000	53.000	52.000	52.000
32.150	52.000	52.000	52.000	52.000	52.000
32.200	52.000	51.000	51.000	51.000	51.000
32.250	51.000	51.000	51.000	51.000	51.000
32.300	50.000	50.000	50.000	50.000	50.000
32.350	50.000	50.000	50.000	49.000	49.000
32.400	49.000	49.000	49.000	49.000	49.000
32.450	49.000	49.000	48.000	48.000	48.000
32.500	48.000	48.000	48.000	48.000	48.000
32.550	47.000	47.000	47.000	47.000	47.000
32.600	47.000	47.000	47.000	47.000	46.000
32.650	46.000	46.000	46.000	46.000	46.000
32.700	46.000	46.000	45.000	45.000	45.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	45.000	45.000	45.000	45.000	45.000
32.800	44.000	44.000	44.000	44.000	44.000
32.850	44.000	44.000	44.000	44.000	43.000
32.900	43.000	43.000	43.000	43.000	43.000
32.950	43.000	43.000	42.000	42.000	42.000
33.000	42.000	42.000	42.000	42.000	42.000
33.050	42.000	41.000	41.000	41.000	41.000
33.100	41.000	41.000	41.000	41.000	40.000
33.150	40.000	40.000	40.000	40.000	40.000
33.200	40.000	40.000	39.000	39.000	39.000
33.250	39.000	39.000	39.000	39.000	39.000
33.300	39.000	38.000	38.000	38.000	38.000
33.350	38.000	38.000	38.000	38.000	37.000
33.400	37.000	37.000	37.000	37.000	37.000
33.450	37.000	37.000	37.000	36.000	36.000
33.500	36.000	36.000	36.000	36.000	36.000
33.550	36.000	35.000	35.000	35.000	35.000
33.600	35.000	35.000	35.000	35.000	35.000
33.650	34.000	34.000	34.000	34.000	34.000
33.700	34.000	34.000	34.000	33.000	33.000
33.750	33.000	33.000	33.000	33.000	33.000
33.800	33.000	32.000	32.000	32.000	32.000
33.850	32.000	32.000	32.000	32.000	32.000
33.900	31.000	31.000	31.000	31.000	31.000
33.950	31.000	31.000	31.000	30.000	30.000
34.000	30.000	30.000	30.000	30.000	30.000
34.050	30.000	30.000	29.000	29.000	29.000
34.100	29.000	29.000	29.000	29.000	29.000
34.150	28.000	28.000	28.000	28.000	28.000
34.200	28.000	28.000	28.000	27.000	27.000
34.250	27.000	27.000	27.000	27.000	27.000
34.300	27.000	27.000	26.000	26.000	26.000
34.350	26.000	26.000	26.000	26.000	26.000
34.400	25.000	25.000	25.000	25.000	25.000
34.450	25.000	25.000	25.000	25.000	24.000
34.500	24.000	24.000	24.000	24.000	24.000
34.550	24.000	24.000	23.000	23.000	23.000
34.600	23.000	23.000	23.000	23.000	23.000
34.650	23.000	22.000	22.000	22.000	22.000
34.700	22.000	22.000	22.000	22.000	21.000
34.750	21.000	21.000	21.000	21.000	21.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	21.000	21.000	20.000	20.000	20.000
34.850	20.000	20.000	20.000	20.000	20.000
34.900	20.000	19.000	19.000	19.000	19.000
34.950	19.000	19.000	19.000	19.000	18.000
35.000	18.000	18.000	18.000	18.000	18.000
35.050	18.000	18.000	18.000	17.000	17.000
35.100	17.000	17.000	17.000	17.000	17.000
35.150	17.000	16.000	16.000	16.000	16.000
35.200	16.000	16.000	16.000	16.000	16.000
35.250	15.000	15.000	15.000	15.000	15.000
35.300	15.000	15.000	15.000	14.000	14.000
35.350	14.000	14.000	14.000	14.000	14.000
35.400	14.000	14.000	14.000	13.000	13.000
35.450	13.000	13.000	13.000	13.000	13.000
35.500	13.000	13.000	13.000	12.000	12.000
35.550	12.000	12.000	12.000	12.000	12.000
35.600	12.000	12.000	12.000	11.000	11.000
35.650	11.000	11.000	11.000	11.000	11.000
35.700	11.000	11.000	11.000	11.000	11.000
35.750	10.000	10.000	10.000	10.000	10.000
35.800	10.000	10.000	10.000	10.000	10.000
35.850	10.000	10.000	10.000	9.000	9.000
35.900	9.000	9.000	9.000	9.000	9.000
35.950	9.000	9.000	9.000	9.000	9.000
36.000	9.000	9.000	9.000	8.000	8.000
36.050	8.000	8.000	8.000	8.000	8.000
36.100	8.000	8.000	8.000	8.000	8.000
36.150	8.000	8.000	8.000	8.000	7.000
36.200	7.000	7.000	7.000	7.000	7.000
36.250	7.000	7.000	7.000	7.000	7.000
36.300	7.000	7.000	7.000	7.000	7.000
36.350	7.000	7.000	7.000	6.000	6.000
36.400	6.000	6.000	6.000	6.000	6.000
36.450	6.000	6.000	6.000	6.000	6.000
36.500	6.000	6.000	6.000	6.000	6.000
36.550	6.000	6.000	6.000	6.000	6.000
36.600	5.000	5.000	5.000	5.000	5.000
36.650	5.000	5.000	5.000	5.000	5.000
36.700	5.000	5.000	5.000	5.000	5.000
36.750	5.000	5.000	5.000	5.000	5.000
36.800	5.000	5.000	5.000	5.000	5.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	5.000	4.000	4.000	4.000	4.000
36.900	4.000	4.000	4.000	4.000	4.000
36.950	4.000	4.000	4.000	4.000	4.000
37.000	4.000	4.000	4.000	4.000	4.000
37.050	4.000	4.000	4.000	4.000	4.000
37.100	4.000	4.000	4.000	4.000	4.000
37.150	4.000	4.000	4.000	4.000	3.000
37.200	3.000	3.000	3.000	3.000	3.000
37.250	3.000	3.000	3.000	3.000	3.000
37.300	3.000	3.000	3.000	3.000	3.000
37.350	3.000	3.000	3.000	3.000	3.000
37.400	3.000	3.000	3.000	3.000	3.000
37.450	3.000	3.000	3.000	3.000	3.000
37.500	3.000	3.000	3.000	3.000	3.000
37.550	3.000	3.000	3.000	3.000	3.000
37.600	3.000	3.000	3.000	2.000	2.000
37.650	2.000	2.000	2.000	2.000	2.000
37.700	2.000	2.000	2.000	2.000	2.000
37.750	2.000	2.000	2.000	2.000	2.000
37.800	2.000	2.000	2.000	2.000	2.000
37.850	2.000	2.000	2.000	2.000	2.000
37.900	2.000	2.000	2.000	2.000	2.000
37.950	2.000	2.000	2.000	2.000	2.000
38.000	2.000	2.000	2.000	2.000	2.000
38.050	2.000	2.000	2.000	2.000	2.000
38.100	2.000	2.000	2.000	2.000	2.000
38.150	2.000	2.000	2.000	2.000	2.000
38.200	2.000	2.000	2.000	2.000	2.000
38.250	2.000	2.000	2.000	2.000	1.000
38.300	1.000	1.000	1.000	1.000	1.000
38.350	1.000	1.000	1.000	1.000	1.000
38.400	1.000	1.000	1.000	1.000	1.000
38.450	1.000	1.000	1.000	1.000	1.000
38.500	1.000	1.000	1.000	1.000	1.000
38.550	1.000	1.000	1.000	1.000	1.000
38.600	1.000	1.000	1.000	1.000	1.000
38.650	1.000	1.000	1.000	1.000	1.000
38.700	1.000	1.000	1.000	1.000	1.000
38.750	1.000	1.000	1.000	1.000	1.000
38.800	1.000	1.000	1.000	1.000	1.000
38.850	1.000	1.000	1.000	1.000	1.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	1.000	1.000	1.000	1.000	1.000
38.950	1.000	1.000	1.000	1.000	1.000
39.000	1.000	1.000	1.000	1.000	1.000
39.050	1.000	1.000	1.000	1.000	1.000
39.100	1.000	1.000	1.000	1.000	1.000
39.150	1.000	1.000	1.000	1.000	1.000
39.200	1.000	1.000	1.000	1.000	1.000
39.250	1.000	1.000	1.000	1.000	1.000
39.300	1.000	1.000	1.000	1.000	1.000
39.350	1.000	1.000	1.000	1.000	1.000
39.400	1.000	1.000	1.000	1.000	1.000
39.450	1.000	1.000	1.000	1.000	1.000
39.500	1.000	1.000	1.000	1.000	1.000
39.550	1.000	1.000	1.000	1.000	1.000
39.600	1.000	1.000	1.000	1.000	1.000
39.650	1.000	1.000	1.000	1.000	1.000
39.700	1.000	1.000	1.000	0.000	0.000
39.750	0.000	0.000	0.000	0.000	0.000
39.800	0.000	0.000	0.000	0.000	0.000
39.850	0.000	0.000	0.000	0.000	0.000
39.900	0.000	0.000	0.000	0.000	0.000
39.950	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
40.050	0.000	0.000	0.000	0.000	0.000
40.100	0.000	0.000	0.000	0.000	0.000
40.150	0.000	0.000	0.000	0.000	0.000
40.200	0.000	0.000	0.000	0.000	0.000
40.250	0.000	0.000	0.000	0.000	0.000
40.300	0.000	0.000	0.000	0.000	0.000
40.350	0.000	0.000	0.000	0.000	0.000
40.400	0.000	0.000	0.000	0.000	0.000
40.450	0.000	0.000	0.000	0.000	0.000
40.500	0.000	0.000	0.000	0.000	0.000
40.550	0.000	0.000	0.000	0.000	0.000
40.600	0.000	0.000	0.000	0.000	0.000
40.650	0.000	0.000	0.000	0.000	0.000
40.700	0.000	0.000	0.000	0.000	0.000
40.750	0.000	0.000	0.000	0.000	0.000
40.800	0.000	0.000	0.000	0.000	0.000
40.850	0.000	0.000	0.000	0.000	0.000
40.900	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	0.000	0.000	0.000	0.000	0.000
41.000	0.000	0.000	0.000	0.000	0.000
41.050	0.000	0.000	0.000	0.000	0.000
41.100	0.000	0.000	0.000	0.000	0.000
41.150	0.000	0.000	0.000	0.000	0.000
41.200	0.000	0.000	0.000	0.000	0.000
41.250	0.000	0.000	0.000	0.000	0.000
41.300	0.000	0.000	0.000	0.000	0.000
41.350	0.000	0.000	0.000	0.000	0.000
41.400	0.000	0.000	0.000	0.000	0.000
41.450	0.000	0.000	0.000	0.000	0.000
41.500	0.000	0.000	0.000	0.000	0.000
41.550	0.000	0.000	0.000	0.000	0.000
41.600	0.000	0.000	0.000	0.000	0.000
41.650	0.000	0.000	0.000	0.000	0.000
41.700	0.000	0.000	0.000	0.000	0.000
41.750	0.000	0.000	0.000	0.000	0.000
41.800	0.000	0.000	0.000	0.000	0.000
41.850	0.000	0.000	0.000	0.000	0.000
41.900	0.000	0.000	0.000	0.000	0.000
41.950	0.000	0.000	0.000	0.000	0.000
42.000	0.000	0.000	0.000	0.000	0.000
42.050	0.000	0.000	0.000	0.000	0.000
42.100	0.000	0.000	0.000	0.000	0.000
42.150	0.000	0.000	0.000	0.000	0.000
42.200	0.000	0.000	0.000	0.000	0.000
42.250	0.000	0.000	0.000	0.000	0.000
42.300	0.000	0.000	0.000	0.000	0.000
42.350	0.000	0.000	0.000	0.000	0.000
42.400	0.000	0.000	0.000	0.000	0.000
42.450	0.000	0.000	0.000	0.000	0.000
42.500	0.000	0.000	0.000	0.000	0.000
42.550	0.000	0.000	0.000	0.000	0.000
42.600	0.000	0.000	0.000	0.000	0.000
42.650	0.000	0.000	0.000	0.000	0.000
42.700	0.000	0.000	0.000	0.000	0.000
42.750	0.000	0.000	0.000	0.000	0.000
42.800	0.000	0.000	0.000	0.000	0.000
42.850	0.000	0.000	0.000	0.000	0.000
42.900	0.000	0.000	0.000	0.000	0.000
42.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	0.000	0.000	0.000	0.000	0.000
43.050	0.000	0.000	0.000	0.000	0.000
43.100	0.000	0.000	0.000	0.000	0.000
43.150	0.000	0.000	0.000	0.000	0.000
43.200	0.000	0.000	0.000	0.000	0.000
43.250	0.000	0.000	0.000	0.000	0.000
43.300	0.000	0.000	0.000	0.000	0.000
43.350	0.000	0.000	0.000	0.000	0.000
43.400	0.000	0.000	0.000	0.000	0.000
43.450	0.000	0.000	0.000	0.000	0.000
43.500	0.000	0.000	0.000	0.000	0.000
43.550	0.000	0.000	0.000	0.000	0.000
43.600	0.000	0.000	0.000	0.000	0.000
43.650	0.000	0.000	0.000	0.000	0.000
43.700	0.000	0.000	0.000	0.000	0.000
43.750	0.000	0.000	0.000	0.000	0.000
43.800	0.000	0.000	0.000	0.000	0.000
43.850	0.000	0.000	0.000	0.000	0.000
43.900	0.000	0.000	0.000	0.000	0.000
43.950	0.000	0.000	0.000	0.000	0.000
44.000	0.000	0.000	0.000	0.000	0.000
44.050	0.000	0.000	0.000	0.000	0.000
44.100	0.000	0.000	0.000	0.000	0.000
44.150	0.000	0.000	0.000	0.000	0.000
44.200	0.000	0.000	0.000	0.000	0.000
44.250	0.000	0.000	0.000	0.000	0.000
44.300	0.000	0.000	0.000	0.000	0.000
44.350	0.000	0.000	0.000	0.000	0.000
44.400	0.000	0.000	0.000	0.000	0.000
44.450	0.000	0.000	0.000	0.000	0.000
44.500	0.000	0.000	0.000	0.000	0.000
44.550	0.000	0.000	0.000	0.000	0.000
44.600	0.000	0.000	0.000	0.000	0.000
44.650	0.000	0.000	0.000	0.000	0.000
44.700	0.000	0.000	0.000	0.000	0.000
44.750	0.000	0.000	0.000	0.000	0.000
44.800	0.000	0.000	0.000	0.000	0.000
44.850	0.000	0.000	0.000	0.000	0.000
44.900	0.000	0.000	0.000	0.000	0.000
44.950	0.000	0.000	0.000	0.000	0.000
45.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	0.000	0.000	0.000	0.000	0.000
45.100	0.000	0.000	0.000	0.000	0.000
45.150	0.000	0.000	0.000	0.000	0.000
45.200	0.000	0.000	0.000	0.000	0.000
45.250	0.000	0.000	0.000	0.000	0.000
45.300	0.000	0.000	0.000	0.000	0.000
45.350	0.000	0.000	0.000	0.000	0.000
45.400	0.000	0.000	0.000	0.000	0.000
45.450	0.000	0.000	0.000	0.000	0.000
45.500	0.000	0.000	0.000	0.000	0.000
45.550	0.000	0.000	0.000	0.000	0.000
45.600	0.000	0.000	0.000	0.000	0.000
45.650	0.000	0.000	0.000	0.000	0.000
45.700	0.000	0.000	0.000	0.000	0.000
45.750	0.000	0.000	0.000	0.000	0.000
45.800	0.000	0.000	0.000	0.000	0.000
45.850	0.000	0.000	0.000	0.000	0.000
45.900	0.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-5
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	1.000	1.000	1.000	1.000
2.200	1.000	1.000	1.000	1.000	1.000
2.250	1.000	1.000	1.000	1.000	1.000
2.300	1.000	1.000	1.000	1.000	1.000
2.350	1.000	1.000	1.000	1.000	1.000
2.400	1.000	1.000	1.000	1.000	1.000
2.450	1.000	2.000	2.000	2.000	2.000
2.500	2.000	2.000	2.000	2.000	2.000
2.550	2.000	2.000	2.000	2.000	2.000
2.600	2.000	2.000	2.000	2.000	2.000
2.650	2.000	2.000	2.000	3.000	3.000
2.700	3.000	3.000	3.000	3.000	3.000
2.750	3.000	3.000	3.000	3.000	3.000
2.800	3.000	3.000	3.000	3.000	3.000
2.850	3.000	3.000	3.000	4.000	4.000
2.900	4.000	4.000	4.000	4.000	4.000
2.950	4.000	4.000	4.000	4.000	4.000
3.000	4.000	4.000	4.000	4.000	4.000
3.050	5.000	5.000	5.000	5.000	5.000
3.100	5.000	5.000	5.000	5.000	5.000
3.150	5.000	5.000	5.000	5.000	5.000
3.200	5.000	5.000	6.000	6.000	6.000
3.250	6.000	6.000	6.000	6.000	6.000
3.300	6.000	6.000	6.000	6.000	6.000
3.350	6.000	6.000	6.000	7.000	7.000
3.400	7.000	7.000	7.000	7.000	7.000
3.450	7.000	7.000	7.000	7.000	7.000
3.500	7.000	7.000	8.000	8.000	8.000
3.550	8.000	8.000	8.000	8.000	8.000
3.600	8.000	8.000	8.000	8.000	9.000
3.650	9.000	9.000	9.000	9.000	9.000
3.700	9.000	9.000	9.000	9.000	9.000
3.750	10.000	10.000	10.000	10.000	10.000
3.800	10.000	10.000	10.000	10.000	10.000
3.850	10.000	11.000	11.000	11.000	11.000
3.900	11.000	11.000	11.000	11.000	11.000
3.950	12.000	12.000	12.000	12.000	12.000
4.000	12.000	12.000	12.000	12.000	13.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	13.000	13.000	13.000	13.000	13.000
4.100	13.000	13.000	13.000	14.000	14.000
4.150	14.000	14.000	14.000	14.000	14.000
4.200	14.000	15.000	15.000	15.000	15.000
4.250	15.000	15.000	15.000	16.000	16.000
4.300	16.000	16.000	16.000	16.000	16.000
4.350	17.000	17.000	17.000	17.000	17.000
4.400	17.000	17.000	18.000	18.000	18.000
4.450	18.000	18.000	18.000	18.000	19.000
4.500	19.000	19.000	19.000	19.000	19.000
4.550	19.000	20.000	20.000	20.000	20.000
4.600	20.000	20.000	21.000	21.000	21.000
4.650	21.000	21.000	21.000	22.000	22.000
4.700	22.000	22.000	22.000	22.000	23.000
4.750	23.000	23.000	23.000	23.000	23.000
4.800	24.000	24.000	24.000	24.000	24.000
4.850	25.000	25.000	25.000	25.000	25.000
4.900	25.000	26.000	26.000	26.000	26.000
4.950	26.000	27.000	27.000	27.000	27.000
5.000	27.000	28.000	28.000	28.000	28.000
5.050	28.000	29.000	29.000	29.000	29.000
5.100	29.000	30.000	30.000	30.000	30.000
5.150	30.000	31.000	31.000	31.000	31.000
5.200	31.000	32.000	32.000	32.000	32.000
5.250	33.000	33.000	33.000	33.000	33.000
5.300	34.000	34.000	34.000	34.000	35.000
5.350	35.000	35.000	35.000	35.000	36.000
5.400	36.000	36.000	36.000	37.000	37.000
5.450	37.000	37.000	37.000	38.000	38.000
5.500	38.000	38.000	39.000	39.000	39.000
5.550	39.000	40.000	40.000	40.000	40.000
5.600	41.000	41.000	41.000	41.000	42.000
5.650	42.000	42.000	42.000	43.000	43.000
5.700	43.000	43.000	44.000	44.000	44.000
5.750	44.000	45.000	45.000	45.000	45.000
5.800	46.000	46.000	46.000	47.000	47.000
5.850	47.000	47.000	48.000	48.000	48.000
5.900	48.000	49.000	49.000	49.000	49.000
5.950	50.000	50.000	50.000	51.000	51.000
6.000	51.000	51.000	52.000	52.000	52.000
6.050	53.000	53.000	53.000	53.000	54.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	54.000	54.000	55.000	55.000	55.000
6.150	55.000	56.000	56.000	56.000	57.000
6.200	57.000	57.000	58.000	58.000	58.000
6.250	58.000	59.000	59.000	59.000	60.000
6.300	60.000	60.000	61.000	61.000	61.000
6.350	61.000	62.000	62.000	62.000	63.000
6.400	63.000	63.000	64.000	64.000	64.000
6.450	65.000	65.000	65.000	66.000	66.000
6.500	66.000	67.000	67.000	67.000	67.000
6.550	68.000	68.000	68.000	68.000	68.000
6.600	69.000	69.000	69.000	69.000	69.000
6.650	69.000	69.000	70.000	70.000	70.000
6.700	70.000	70.000	70.000	70.000	70.000
6.750	70.000	70.000	70.000	70.000	70.000
6.800	70.000	71.000	71.000	71.000	71.000
6.850	71.000	71.000	71.000	71.000	71.000
6.900	71.000	71.000	71.000	71.000	71.000
6.950	71.000	71.000	71.000	71.000	71.000
7.000	71.000	71.000	71.000	71.000	71.000
7.050	71.000	71.000	71.000	71.000	71.000
7.100	71.000	71.000	71.000	71.000	71.000
7.150	71.000	71.000	71.000	71.000	71.000
7.200	71.000	71.000	71.000	71.000	71.000
7.250	71.000	72.000	72.000	72.000	72.000
7.300	72.000	72.000	72.000	72.000	72.000
7.350	72.000	72.000	72.000	72.000	72.000
7.400	72.000	72.000	72.000	72.000	72.000
7.450	72.000	72.000	72.000	72.000	72.000
7.500	72.000	72.000	72.000	72.000	72.000
7.550	72.000	72.000	72.000	72.000	72.000
7.600	72.000	72.000	72.000	72.000	72.000
7.650	72.000	72.000	72.000	72.000	72.000
7.700	72.000	72.000	72.000	72.000	72.000
7.750	72.000	72.000	72.000	72.000	72.000
7.800	72.000	72.000	72.000	72.000	72.000
7.850	72.000	72.000	72.000	72.000	72.000
7.900	72.000	72.000	72.000	72.000	72.000
7.950	72.000	72.000	72.000	72.000	72.000
8.000	72.000	72.000	72.000	72.000	72.000
8.050	72.000	72.000	72.000	73.000	73.000
8.100	73.000	73.000	73.000	73.000	73.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	73.000	73.000	73.000	73.000	73.000
8.200	73.000	73.000	73.000	73.000	73.000
8.250	73.000	73.000	73.000	73.000	73.000
8.300	73.000	73.000	73.000	73.000	73.000
8.350	73.000	73.000	73.000	73.000	73.000
8.400	73.000	73.000	73.000	74.000	74.000
8.450	74.000	74.000	74.000	74.000	74.000
8.500	74.000	74.000	74.000	74.000	74.000
8.550	74.000	74.000	74.000	74.000	74.000
8.600	74.000	74.000	74.000	74.000	74.000
8.650	74.000	74.000	74.000	74.000	75.000
8.700	75.000	75.000	75.000	75.000	75.000
8.750	75.000	75.000	75.000	75.000	75.000
8.800	75.000	75.000	75.000	75.000	75.000
8.850	75.000	75.000	75.000	75.000	75.000
8.900	75.000	75.000	75.000	75.000	76.000
8.950	76.000	76.000	76.000	76.000	76.000
9.000	76.000	76.000	76.000	76.000	76.000
9.050	76.000	76.000	76.000	76.000	76.000
9.100	76.000	76.000	76.000	76.000	76.000
9.150	76.000	76.000	76.000	76.000	76.000
9.200	76.000	76.000	76.000	76.000	77.000
9.250	77.000	77.000	77.000	77.000	77.000
9.300	77.000	77.000	77.000	77.000	77.000
9.350	77.000	77.000	77.000	77.000	77.000
9.400	77.000	77.000	77.000	77.000	77.000
9.450	77.000	77.000	77.000	77.000	77.000
9.500	77.000	77.000	77.000	77.000	77.000
9.550	77.000	77.000	77.000	77.000	77.000
9.600	77.000	77.000	77.000	77.000	77.000
9.650	77.000	77.000	77.000	77.000	77.000
9.700	77.000	77.000	77.000	77.000	77.000
9.750	77.000	78.000	78.000	78.000	78.000
9.800	78.000	78.000	78.000	78.000	78.000
9.850	78.000	78.000	78.000	78.000	78.000
9.900	78.000	78.000	78.000	78.000	79.000
9.950	79.000	79.000	79.000	79.000	79.000
10.000	79.000	79.000	79.000	79.000	79.000
10.050	79.000	79.000	79.000	79.000	80.000
10.100	80.000	80.000	80.000	80.000	80.000
10.150	80.000	80.000	80.000	80.000	80.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	80.000	80.000	81.000	81.000	81.000
10.250	81.000	81.000	81.000	81.000	81.000
10.300	81.000	81.000	81.000	81.000	82.000
10.350	82.000	82.000	82.000	82.000	82.000
10.400	82.000	82.000	82.000	82.000	83.000
10.450	83.000	83.000	83.000	83.000	83.000
10.500	83.000	83.000	83.000	83.000	84.000
10.550	84.000	84.000	84.000	84.000	84.000
10.600	84.000	84.000	84.000	85.000	85.000
10.650	85.000	85.000	85.000	85.000	85.000
10.700	85.000	86.000	86.000	86.000	86.000
10.750	86.000	86.000	86.000	87.000	87.000
10.800	87.000	87.000	87.000	87.000	87.000
10.850	88.000	88.000	88.000	88.000	88.000
10.900	88.000	89.000	89.000	89.000	89.000
10.950	89.000	89.000	90.000	90.000	90.000
11.000	90.000	90.000	90.000	91.000	91.000
11.050	91.000	91.000	91.000	91.000	92.000
11.100	92.000	92.000	92.000	93.000	93.000
11.150	93.000	93.000	94.000	94.000	94.000
11.200	95.000	95.000	95.000	95.000	96.000
11.250	96.000	96.000	97.000	97.000	97.000
11.300	98.000	98.000	98.000	99.000	99.000
11.350	99.000	100.000	100.000	101.000	101.000
11.400	101.000	102.000	102.000	102.000	103.000
11.450	103.000	104.000	104.000	104.000	105.000
11.500	105.000	106.000	106.000	107.000	108.000
11.550	109.000	111.000	113.000	115.000	117.000
11.600	120.000	123.000	125.000	129.000	132.000
11.650	137.000	142.000	147.000	152.000	153.000
11.700	153.000	153.000	153.000	153.000	154.000
11.750	154.000	154.000	155.000	155.000	155.000
11.800	155.000	156.000	156.000	156.000	157.000
11.850	158.000	158.000	159.000	160.000	160.000
11.900	160.000	161.000	161.000	161.000	160.000
11.950	160.000	160.000	159.000	159.000	158.000
12.000	158.000	158.000	158.000	157.000	156.000
12.050	156.000	155.000	154.000	153.000	152.000
12.100	152.000	152.000	152.000	151.000	151.000
12.150	151.000	151.000	151.000	151.000	151.000
12.200	151.000	151.000	151.000	150.000	150.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	150.000	149.000	149.000	148.000	148.000
12.300	147.000	146.000	146.000	145.000	144.000
12.350	143.000	143.000	142.000	141.000	140.000
12.400	139.000	138.000	137.000	136.000	135.000
12.450	134.000	133.000	132.000	131.000	130.000
12.500	129.000	128.000	127.000	126.000	125.000
12.550	124.000	123.000	122.000	121.000	120.000
12.600	119.000	118.000	117.000	116.000	115.000
12.650	114.000	113.000	112.000	112.000	111.000
12.700	110.000	109.000	109.000	108.000	107.000
12.750	107.000	106.000	106.000	105.000	104.000
12.800	104.000	103.000	103.000	103.000	102.000
12.850	102.000	101.000	101.000	101.000	100.000
12.900	100.000	99.000	99.000	99.000	99.000
12.950	98.000	98.000	98.000	97.000	97.000
13.000	97.000	96.000	96.000	96.000	96.000
13.050	95.000	95.000	95.000	95.000	94.000
13.100	94.000	94.000	94.000	93.000	93.000
13.150	93.000	93.000	93.000	92.000	92.000
13.200	92.000	92.000	92.000	92.000	91.000
13.250	91.000	91.000	91.000	91.000	91.000
13.300	91.000	90.000	90.000	90.000	90.000
13.350	90.000	90.000	90.000	89.000	89.000
13.400	89.000	89.000	89.000	89.000	89.000
13.450	88.000	88.000	88.000	88.000	88.000
13.500	88.000	88.000	88.000	87.000	87.000
13.550	87.000	87.000	87.000	87.000	87.000
13.600	87.000	87.000	86.000	86.000	86.000
13.650	86.000	86.000	86.000	86.000	86.000
13.700	86.000	85.000	85.000	85.000	85.000
13.750	85.000	85.000	85.000	85.000	85.000
13.800	85.000	85.000	84.000	84.000	84.000
13.850	84.000	84.000	84.000	84.000	84.000
13.900	84.000	84.000	84.000	83.000	83.000
13.950	83.000	83.000	83.000	83.000	83.000
14.000	83.000	83.000	83.000	83.000	83.000
14.050	82.000	82.000	82.000	82.000	82.000
14.100	82.000	82.000	82.000	82.000	82.000
14.150	82.000	82.000	82.000	82.000	81.000
14.200	81.000	81.000	81.000	81.000	81.000
14.250	81.000	81.000	81.000	81.000	81.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	81.000	81.000	81.000	81.000	81.000
14.350	81.000	81.000	81.000	81.000	81.000
14.400	81.000	81.000	81.000	80.000	80.000
14.450	80.000	80.000	80.000	80.000	80.000
14.500	80.000	80.000	80.000	80.000	80.000
14.550	80.000	80.000	80.000	80.000	80.000
14.600	80.000	80.000	80.000	80.000	80.000
14.650	80.000	80.000	80.000	80.000	80.000
14.700	80.000	80.000	80.000	80.000	80.000
14.750	79.000	79.000	79.000	79.000	79.000
14.800	79.000	79.000	79.000	79.000	79.000
14.850	79.000	79.000	79.000	79.000	79.000
14.900	79.000	79.000	79.000	79.000	79.000
14.950	79.000	79.000	79.000	79.000	79.000
15.000	79.000	79.000	79.000	79.000	79.000
15.050	79.000	79.000	79.000	78.000	78.000
15.100	78.000	78.000	78.000	78.000	78.000
15.150	78.000	78.000	78.000	78.000	78.000
15.200	78.000	78.000	78.000	78.000	78.000
15.250	78.000	78.000	78.000	78.000	78.000
15.300	78.000	78.000	78.000	78.000	78.000
15.350	78.000	78.000	78.000	78.000	78.000
15.400	78.000	78.000	77.000	77.000	77.000
15.450	77.000	77.000	77.000	77.000	77.000
15.500	77.000	77.000	77.000	77.000	77.000
15.550	77.000	77.000	77.000	77.000	77.000
15.600	77.000	77.000	77.000	77.000	77.000
15.650	77.000	77.000	77.000	77.000	77.000
15.700	77.000	77.000	77.000	77.000	77.000
15.750	77.000	76.000	76.000	76.000	76.000
15.800	76.000	76.000	76.000	76.000	76.000
15.850	76.000	76.000	76.000	76.000	76.000
15.900	76.000	76.000	76.000	76.000	76.000
15.950	76.000	76.000	76.000	76.000	76.000
16.000	76.000	76.000	76.000	76.000	76.000
16.050	76.000	76.000	76.000	76.000	76.000
16.100	75.000	75.000	75.000	75.000	75.000
16.150	75.000	75.000	75.000	75.000	75.000
16.200	75.000	75.000	75.000	75.000	75.000
16.250	75.000	75.000	75.000	75.000	75.000
16.300	75.000	75.000	75.000	75.000	75.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	75.000	75.000	75.000	75.000	75.000
16.400	75.000	75.000	75.000	75.000	75.000
16.450	75.000	75.000	75.000	75.000	75.000
16.500	75.000	75.000	75.000	75.000	75.000
16.550	75.000	75.000	75.000	75.000	75.000
16.600	75.000	75.000	75.000	75.000	75.000
16.650	75.000	75.000	75.000	75.000	75.000
16.700	75.000	75.000	75.000	75.000	75.000
16.750	75.000	75.000	75.000	75.000	75.000
16.800	75.000	75.000	75.000	74.000	74.000
16.850	74.000	74.000	74.000	74.000	74.000
16.900	74.000	74.000	74.000	74.000	74.000
16.950	74.000	74.000	74.000	74.000	74.000
17.000	74.000	74.000	74.000	74.000	74.000
17.050	74.000	74.000	74.000	74.000	74.000
17.100	74.000	74.000	74.000	74.000	74.000
17.150	74.000	74.000	74.000	74.000	74.000
17.200	74.000	74.000	74.000	74.000	74.000
17.250	74.000	74.000	74.000	74.000	74.000
17.300	74.000	74.000	74.000	74.000	74.000
17.350	74.000	74.000	74.000	74.000	74.000
17.400	74.000	74.000	74.000	74.000	74.000
17.450	74.000	74.000	74.000	74.000	74.000
17.500	74.000	74.000	74.000	74.000	74.000
17.550	74.000	74.000	74.000	74.000	74.000
17.600	74.000	74.000	74.000	74.000	74.000
17.650	74.000	74.000	74.000	74.000	74.000
17.700	74.000	74.000	74.000	74.000	74.000
17.750	74.000	74.000	74.000	73.000	73.000
17.800	73.000	73.000	73.000	73.000	73.000
17.850	73.000	73.000	73.000	73.000	73.000
17.900	73.000	73.000	73.000	73.000	73.000
17.950	73.000	73.000	73.000	73.000	73.000
18.000	73.000	73.000	73.000	73.000	73.000
18.050	73.000	73.000	73.000	73.000	73.000
18.100	73.000	73.000	73.000	73.000	73.000
18.150	73.000	73.000	73.000	73.000	73.000
18.200	73.000	73.000	73.000	73.000	73.000
18.250	73.000	73.000	73.000	73.000	73.000
18.300	73.000	73.000	73.000	73.000	73.000
18.350	73.000	73.000	73.000	73.000	73.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	73.000	73.000	73.000	73.000	73.000
18.450	73.000	73.000	73.000	73.000	73.000
18.500	73.000	73.000	73.000	73.000	73.000
18.550	73.000	73.000	73.000	73.000	73.000
18.600	73.000	73.000	73.000	73.000	73.000
18.650	73.000	73.000	73.000	73.000	73.000
18.700	73.000	73.000	72.000	72.000	72.000
18.750	72.000	72.000	72.000	72.000	72.000
18.800	72.000	72.000	72.000	72.000	72.000
18.850	72.000	72.000	72.000	72.000	72.000
18.900	72.000	72.000	72.000	72.000	72.000
18.950	72.000	72.000	72.000	72.000	72.000
19.000	72.000	72.000	72.000	72.000	72.000
19.050	72.000	72.000	72.000	72.000	72.000
19.100	72.000	72.000	72.000	72.000	72.000
19.150	72.000	72.000	72.000	72.000	72.000
19.200	72.000	72.000	72.000	72.000	72.000
19.250	72.000	72.000	72.000	72.000	72.000
19.300	72.000	72.000	72.000	72.000	72.000
19.350	72.000	72.000	72.000	72.000	72.000
19.400	72.000	72.000	72.000	72.000	72.000
19.450	72.000	72.000	72.000	72.000	72.000
19.500	72.000	72.000	72.000	72.000	72.000
19.550	72.000	72.000	72.000	72.000	72.000
19.600	72.000	72.000	72.000	72.000	72.000
19.650	72.000	71.000	71.000	71.000	71.000
19.700	71.000	71.000	71.000	71.000	71.000
19.750	71.000	71.000	71.000	71.000	71.000
19.800	71.000	71.000	71.000	71.000	71.000
19.850	71.000	71.000	71.000	71.000	71.000
19.900	71.000	71.000	71.000	71.000	71.000
19.950	71.000	71.000	71.000	71.000	71.000
20.000	71.000	71.000	71.000	71.000	71.000
20.050	71.000	71.000	71.000	71.000	71.000
20.100	71.000	71.000	71.000	71.000	71.000
20.150	71.000	71.000	71.000	71.000	71.000
20.200	71.000	71.000	71.000	71.000	71.000
20.250	71.000	71.000	71.000	71.000	71.000
20.300	71.000	71.000	71.000	71.000	71.000
20.350	71.000	71.000	71.000	71.000	71.000
20.400	71.000	71.000	71.000	71.000	71.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	71.000	71.000	71.000	71.000	71.000
20.500	71.000	71.000	71.000	71.000	71.000
20.550	71.000	71.000	71.000	71.000	71.000
20.600	71.000	71.000	71.000	71.000	71.000
20.650	71.000	71.000	71.000	71.000	71.000
20.700	71.000	71.000	71.000	71.000	71.000
20.750	71.000	71.000	71.000	71.000	71.000
20.800	71.000	71.000	71.000	71.000	71.000
20.850	71.000	71.000	71.000	71.000	71.000
20.900	71.000	71.000	71.000	71.000	71.000
20.950	71.000	71.000	71.000	71.000	71.000
21.000	71.000	71.000	71.000	71.000	71.000
21.050	71.000	71.000	71.000	71.000	71.000
21.100	71.000	71.000	71.000	71.000	71.000
21.150	71.000	71.000	71.000	71.000	71.000
21.200	71.000	71.000	71.000	71.000	71.000
21.250	71.000	71.000	71.000	71.000	71.000
21.300	71.000	71.000	71.000	71.000	71.000
21.350	71.000	71.000	71.000	71.000	71.000
21.400	71.000	71.000	71.000	71.000	71.000
21.450	71.000	71.000	71.000	71.000	71.000
21.500	71.000	71.000	71.000	71.000	71.000
21.550	71.000	71.000	71.000	71.000	71.000
21.600	71.000	71.000	71.000	71.000	71.000
21.650	71.000	71.000	71.000	71.000	71.000
21.700	71.000	71.000	71.000	71.000	71.000
21.750	71.000	71.000	71.000	71.000	71.000
21.800	71.000	71.000	71.000	71.000	71.000
21.850	71.000	71.000	71.000	71.000	71.000
21.900	71.000	71.000	71.000	71.000	71.000
21.950	71.000	71.000	71.000	71.000	71.000
22.000	71.000	71.000	71.000	71.000	71.000
22.050	71.000	71.000	71.000	71.000	71.000
22.100	71.000	71.000	71.000	71.000	71.000
22.150	71.000	71.000	71.000	71.000	70.000
22.200	70.000	70.000	70.000	70.000	70.000
22.250	70.000	70.000	70.000	70.000	70.000
22.300	70.000	70.000	70.000	70.000	70.000
22.350	70.000	70.000	70.000	70.000	70.000
22.400	70.000	70.000	70.000	70.000	70.000
22.450	70.000	70.000	70.000	70.000	70.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	70.000	70.000	70.000	70.000	70.000
22.550	70.000	70.000	70.000	70.000	70.000
22.600	70.000	70.000	70.000	70.000	70.000
22.650	70.000	70.000	70.000	70.000	70.000
22.700	70.000	70.000	70.000	70.000	70.000
22.750	70.000	70.000	70.000	70.000	70.000
22.800	70.000	70.000	70.000	70.000	70.000
22.850	70.000	70.000	70.000	70.000	70.000
22.900	70.000	70.000	70.000	70.000	70.000
22.950	70.000	70.000	70.000	70.000	70.000
23.000	70.000	70.000	70.000	70.000	70.000
23.050	70.000	70.000	70.000	70.000	70.000
23.100	70.000	70.000	70.000	70.000	70.000
23.150	70.000	70.000	70.000	70.000	70.000
23.200	70.000	70.000	70.000	70.000	70.000
23.250	70.000	70.000	70.000	70.000	70.000
23.300	70.000	70.000	70.000	70.000	70.000
23.350	70.000	70.000	70.000	70.000	70.000
23.400	70.000	70.000	70.000	70.000	70.000
23.450	70.000	70.000	70.000	70.000	70.000
23.500	70.000	70.000	70.000	70.000	70.000
23.550	70.000	70.000	70.000	70.000	70.000
23.600	70.000	70.000	70.000	70.000	70.000
23.650	70.000	70.000	70.000	70.000	70.000
23.700	70.000	70.000	70.000	70.000	70.000
23.750	70.000	70.000	70.000	70.000	70.000
23.800	70.000	70.000	70.000	70.000	70.000
23.850	70.000	70.000	70.000	70.000	70.000
23.900	70.000	70.000	70.000	70.000	70.000
23.950	70.000	70.000	70.000	70.000	70.000
24.000	70.000	70.000	70.000	70.000	70.000
24.050	70.000	70.000	70.000	69.000	69.000
24.100	69.000	69.000	69.000	68.000	68.000
24.150	68.000	68.000	68.000	68.000	67.000
24.200	67.000	67.000	67.000	67.000	67.000
24.250	67.000	67.000	67.000	66.000	66.000
24.300	66.000	66.000	66.000	66.000	66.000
24.350	66.000	66.000	66.000	66.000	66.000
24.400	66.000	66.000	66.000	66.000	65.000
24.450	65.000	65.000	65.000	65.000	65.000
24.500	65.000	65.000	65.000	65.000	65.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	65.000	65.000	65.000	65.000	65.000
24.600	64.000	64.000	64.000	64.000	64.000
24.650	64.000	64.000	64.000	64.000	64.000
24.700	64.000	64.000	64.000	64.000	64.000
24.750	64.000	63.000	63.000	63.000	63.000
24.800	63.000	63.000	63.000	63.000	63.000
24.850	63.000	63.000	63.000	63.000	63.000
24.900	63.000	63.000	63.000	62.000	62.000
24.950	62.000	62.000	62.000	62.000	62.000
25.000	62.000	62.000	62.000	62.000	62.000
25.050	62.000	62.000	62.000	62.000	61.000
25.100	61.000	61.000	61.000	61.000	61.000
25.150	61.000	61.000	61.000	61.000	61.000
25.200	61.000	61.000	61.000	61.000	61.000
25.250	60.000	60.000	60.000	60.000	60.000
25.300	60.000	60.000	60.000	60.000	60.000
25.350	60.000	60.000	60.000	60.000	60.000
25.400	60.000	60.000	59.000	59.000	59.000
25.450	59.000	59.000	59.000	59.000	59.000
25.500	59.000	59.000	59.000	59.000	59.000
25.550	59.000	59.000	59.000	58.000	58.000
25.600	58.000	58.000	58.000	58.000	58.000
25.650	58.000	58.000	58.000	58.000	58.000
25.700	58.000	58.000	58.000	58.000	58.000
25.750	57.000	57.000	57.000	57.000	57.000
25.800	57.000	57.000	57.000	57.000	57.000
25.850	57.000	57.000	57.000	57.000	57.000
25.900	57.000	56.000	56.000	56.000	56.000
25.950	56.000	56.000	56.000	56.000	56.000
26.000	56.000	56.000	56.000	56.000	56.000
26.050	56.000	56.000	55.000	55.000	55.000
26.100	55.000	55.000	55.000	55.000	55.000
26.150	55.000	55.000	55.000	55.000	55.000
26.200	55.000	55.000	55.000	55.000	54.000
26.250	54.000	54.000	54.000	54.000	54.000
26.300	54.000	54.000	54.000	54.000	54.000
26.350	54.000	54.000	54.000	54.000	54.000
26.400	53.000	53.000	53.000	53.000	53.000
26.450	53.000	53.000	53.000	53.000	53.000
26.500	53.000	53.000	53.000	53.000	53.000
26.550	53.000	52.000	52.000	52.000	52.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	52.000	52.000	52.000	52.000	52.000
26.650	52.000	52.000	52.000	52.000	52.000
26.700	52.000	52.000	52.000	51.000	51.000
26.750	51.000	51.000	51.000	51.000	51.000
26.800	51.000	51.000	51.000	51.000	51.000
26.850	51.000	51.000	51.000	51.000	50.000
26.900	50.000	50.000	50.000	50.000	50.000
26.950	50.000	50.000	50.000	50.000	50.000
27.000	50.000	50.000	50.000	50.000	50.000
27.050	49.000	49.000	49.000	49.000	49.000
27.100	49.000	49.000	49.000	49.000	49.000
27.150	49.000	49.000	49.000	49.000	49.000
27.200	49.000	49.000	48.000	48.000	48.000
27.250	48.000	48.000	48.000	48.000	48.000
27.300	48.000	48.000	48.000	48.000	48.000
27.350	48.000	48.000	48.000	47.000	47.000
27.400	47.000	47.000	47.000	47.000	47.000
27.450	47.000	47.000	47.000	47.000	47.000
27.500	47.000	47.000	47.000	47.000	46.000
27.550	46.000	46.000	46.000	46.000	46.000
27.600	46.000	46.000	46.000	46.000	46.000
27.650	46.000	46.000	46.000	46.000	46.000
27.700	46.000	45.000	45.000	45.000	45.000
27.750	45.000	45.000	45.000	45.000	45.000
27.800	45.000	45.000	45.000	45.000	45.000
27.850	45.000	45.000	44.000	44.000	44.000
27.900	44.000	44.000	44.000	44.000	44.000
27.950	44.000	44.000	44.000	44.000	44.000
28.000	44.000	44.000	44.000	43.000	43.000
28.050	43.000	43.000	43.000	43.000	43.000
28.100	43.000	43.000	43.000	43.000	43.000
28.150	43.000	43.000	43.000	43.000	43.000
28.200	42.000	42.000	42.000	42.000	42.000
28.250	42.000	42.000	42.000	42.000	42.000
28.300	42.000	42.000	42.000	42.000	42.000
28.350	42.000	41.000	41.000	41.000	41.000
28.400	41.000	41.000	41.000	41.000	41.000
28.450	41.000	41.000	41.000	41.000	41.000
28.500	41.000	41.000	40.000	40.000	40.000
28.550	40.000	40.000	40.000	40.000	40.000
28.600	40.000	40.000	40.000	40.000	40.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	40.000	40.000	40.000	40.000	39.000
28.700	39.000	39.000	39.000	39.000	39.000
28.750	39.000	39.000	39.000	39.000	39.000
28.800	39.000	39.000	39.000	39.000	39.000
28.850	38.000	38.000	38.000	38.000	38.000
28.900	38.000	38.000	38.000	38.000	38.000
28.950	38.000	38.000	38.000	38.000	38.000
29.000	38.000	37.000	37.000	37.000	37.000
29.050	37.000	37.000	37.000	37.000	37.000
29.100	37.000	37.000	37.000	37.000	37.000
29.150	37.000	37.000	37.000	36.000	36.000
29.200	36.000	36.000	36.000	36.000	36.000
29.250	36.000	36.000	36.000	36.000	36.000
29.300	36.000	36.000	36.000	36.000	35.000
29.350	35.000	35.000	35.000	35.000	35.000
29.400	35.000	35.000	35.000	35.000	35.000
29.450	35.000	35.000	35.000	35.000	35.000
29.500	34.000	34.000	34.000	34.000	34.000
29.550	34.000	34.000	34.000	34.000	34.000
29.600	34.000	34.000	34.000	34.000	34.000
29.650	34.000	34.000	33.000	33.000	33.000
29.700	33.000	33.000	33.000	33.000	33.000
29.750	33.000	33.000	33.000	33.000	33.000
29.800	33.000	33.000	33.000	32.000	32.000
29.850	32.000	32.000	32.000	32.000	32.000
29.900	32.000	32.000	32.000	32.000	32.000
29.950	32.000	32.000	32.000	32.000	31.000
30.000	31.000	31.000	31.000	31.000	31.000
30.050	31.000	31.000	31.000	31.000	31.000
30.100	31.000	31.000	31.000	31.000	31.000
30.150	31.000	30.000	30.000	30.000	30.000
30.200	30.000	30.000	30.000	30.000	30.000
30.250	30.000	30.000	30.000	30.000	30.000
30.300	30.000	30.000	29.000	29.000	29.000
30.350	29.000	29.000	29.000	29.000	29.000
30.400	29.000	29.000	29.000	29.000	29.000
30.450	29.000	29.000	29.000	28.000	28.000
30.500	28.000	28.000	28.000	28.000	28.000
30.550	28.000	28.000	28.000	28.000	28.000
30.600	28.000	28.000	28.000	28.000	28.000
30.650	27.000	27.000	27.000	27.000	27.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	27.000	27.000	27.000	27.000	27.000
30.750	27.000	27.000	27.000	27.000	27.000
30.800	27.000	26.000	26.000	26.000	26.000
30.850	26.000	26.000	26.000	26.000	26.000
30.900	26.000	26.000	26.000	26.000	26.000
30.950	26.000	26.000	25.000	25.000	25.000
31.000	25.000	25.000	25.000	25.000	25.000
31.050	25.000	25.000	25.000	25.000	25.000
31.100	25.000	25.000	25.000	25.000	24.000
31.150	24.000	24.000	24.000	24.000	24.000
31.200	24.000	24.000	24.000	24.000	24.000
31.250	24.000	24.000	24.000	24.000	24.000
31.300	23.000	23.000	23.000	23.000	23.000
31.350	23.000	23.000	23.000	23.000	23.000
31.400	23.000	23.000	23.000	23.000	23.000
31.450	23.000	22.000	22.000	22.000	22.000
31.500	22.000	22.000	22.000	22.000	22.000
31.550	22.000	22.000	22.000	22.000	22.000
31.600	22.000	22.000	22.000	21.000	21.000
31.650	21.000	21.000	21.000	21.000	21.000
31.700	21.000	21.000	21.000	21.000	21.000
31.750	21.000	21.000	21.000	21.000	20.000
31.800	20.000	20.000	20.000	20.000	20.000
31.850	20.000	20.000	20.000	20.000	20.000
31.900	20.000	20.000	20.000	20.000	20.000
31.950	19.000	19.000	19.000	19.000	19.000
32.000	19.000	19.000	19.000	19.000	19.000
32.050	19.000	19.000	19.000	19.000	19.000
32.100	19.000	19.000	18.000	18.000	18.000
32.150	18.000	18.000	18.000	18.000	18.000
32.200	18.000	18.000	18.000	18.000	18.000
32.250	18.000	18.000	18.000	17.000	17.000
32.300	17.000	17.000	17.000	17.000	17.000
32.350	17.000	17.000	17.000	17.000	17.000
32.400	17.000	17.000	17.000	17.000	16.000
32.450	16.000	16.000	16.000	16.000	16.000
32.500	16.000	16.000	16.000	16.000	16.000
32.550	16.000	16.000	16.000	16.000	16.000
32.600	16.000	15.000	15.000	15.000	15.000
32.650	15.000	15.000	15.000	15.000	15.000
32.700	15.000	15.000	15.000	15.000	15.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	15.000	15.000	14.000	14.000	14.000
32.800	14.000	14.000	14.000	14.000	14.000
32.850	14.000	14.000	14.000	14.000	14.000
32.900	14.000	14.000	14.000	13.000	13.000
32.950	13.000	13.000	13.000	13.000	13.000
33.000	13.000	13.000	13.000	13.000	13.000
33.050	13.000	13.000	13.000	13.000	13.000
33.100	12.000	12.000	12.000	12.000	12.000
33.150	12.000	12.000	12.000	12.000	12.000
33.200	12.000	12.000	12.000	12.000	12.000
33.250	12.000	11.000	11.000	11.000	11.000
33.300	11.000	11.000	11.000	11.000	11.000
33.350	11.000	11.000	11.000	11.000	11.000
33.400	11.000	11.000	10.000	10.000	10.000
33.450	10.000	10.000	10.000	10.000	10.000
33.500	10.000	10.000	10.000	10.000	10.000
33.550	10.000	10.000	10.000	10.000	9.000
33.600	9.000	9.000	9.000	9.000	9.000
33.650	9.000	9.000	9.000	9.000	9.000
33.700	9.000	9.000	9.000	9.000	9.000
33.750	8.000	8.000	8.000	8.000	8.000
33.800	8.000	8.000	8.000	8.000	8.000
33.850	8.000	8.000	8.000	8.000	8.000
33.900	8.000	7.000	7.000	7.000	7.000
33.950	7.000	7.000	7.000	7.000	7.000
34.000	7.000	7.000	7.000	7.000	7.000
34.050	7.000	7.000	7.000	6.000	6.000
34.100	6.000	6.000	6.000	6.000	6.000
34.150	6.000	6.000	6.000	6.000	6.000
34.200	6.000	6.000	6.000	6.000	6.000
34.250	5.000	5.000	5.000	5.000	5.000
34.300	5.000	5.000	5.000	5.000	5.000
34.350	5.000	5.000	5.000	5.000	5.000
34.400	5.000	5.000	5.000	5.000	4.000
34.450	4.000	4.000	4.000	4.000	4.000
34.500	4.000	4.000	4.000	4.000	4.000
34.550	4.000	4.000	4.000	4.000	4.000
34.600	4.000	4.000	4.000	4.000	4.000
34.650	4.000	4.000	4.000	4.000	3.000
34.700	3.000	3.000	3.000	3.000	3.000
34.750	3.000	3.000	3.000	3.000	3.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	3.000	3.000	3.000	3.000	3.000
34.850	3.000	3.000	3.000	3.000	3.000
34.900	3.000	3.000	3.000	3.000	3.000
34.950	3.000	3.000	3.000	3.000	3.000
35.000	3.000	3.000	2.000	2.000	2.000
35.050	2.000	2.000	2.000	2.000	2.000
35.100	2.000	2.000	2.000	2.000	2.000
35.150	2.000	2.000	2.000	2.000	2.000
35.200	2.000	2.000	2.000	2.000	2.000
35.250	2.000	2.000	2.000	2.000	2.000
35.300	2.000	2.000	2.000	2.000	2.000
35.350	2.000	2.000	2.000	2.000	2.000
35.400	2.000	2.000	2.000	2.000	2.000
35.450	2.000	2.000	2.000	2.000	2.000
35.500	2.000	2.000	1.000	1.000	1.000
35.550	1.000	1.000	1.000	1.000	1.000
35.600	1.000	1.000	1.000	1.000	1.000
35.650	1.000	1.000	1.000	1.000	1.000
35.700	1.000	1.000	1.000	1.000	1.000
35.750	1.000	1.000	1.000	1.000	1.000
35.800	1.000	1.000	1.000	1.000	1.000
35.850	1.000	1.000	1.000	1.000	1.000
35.900	1.000	1.000	1.000	1.000	1.000
35.950	1.000	1.000	1.000	1.000	1.000
36.000	1.000	1.000	1.000	1.000	1.000
36.050	1.000	1.000	1.000	1.000	1.000
36.100	1.000	1.000	1.000	1.000	1.000
36.150	1.000	1.000	1.000	1.000	1.000
36.200	1.000	1.000	1.000	1.000	1.000
36.250	1.000	1.000	1.000	1.000	1.000
36.300	1.000	1.000	1.000	1.000	1.000
36.350	1.000	1.000	1.000	1.000	1.000
36.400	1.000	1.000	1.000	1.000	1.000
36.450	1.000	1.000	1.000	1.000	1.000
36.500	1.000	1.000	1.000	1.000	1.000
36.550	1.000	1.000	1.000	1.000	1.000
36.600	0.000	0.000	0.000	0.000	0.000
36.650	0.000	0.000	0.000	0.000	0.000
36.700	0.000	0.000	0.000	0.000	0.000
36.750	0.000	0.000	0.000	0.000	0.000
36.800	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	0.000	0.000	0.000	0.000	0.000
36.900	0.000	0.000	0.000	0.000	0.000
36.950	0.000	0.000	0.000	0.000	0.000
37.000	0.000	0.000	0.000	0.000	0.000
37.050	0.000	0.000	0.000	0.000	0.000
37.100	0.000	0.000	0.000	0.000	0.000
37.150	0.000	0.000	0.000	0.000	0.000
37.200	0.000	0.000	0.000	0.000	0.000
37.250	0.000	0.000	0.000	0.000	0.000
37.300	0.000	0.000	0.000	0.000	0.000
37.350	0.000	0.000	0.000	0.000	0.000
37.400	0.000	0.000	0.000	0.000	0.000
37.450	0.000	0.000	0.000	0.000	0.000
37.500	0.000	0.000	0.000	0.000	0.000
37.550	0.000	0.000	0.000	0.000	0.000
37.600	0.000	0.000	0.000	0.000	0.000
37.650	0.000	0.000	0.000	0.000	0.000
37.700	0.000	0.000	0.000	0.000	0.000
37.750	0.000	0.000	0.000	0.000	0.000
37.800	0.000	0.000	0.000	0.000	0.000
37.850	0.000	0.000	0.000	0.000	0.000
37.900	0.000	0.000	0.000	0.000	0.000
37.950	0.000	0.000	0.000	0.000	0.000
38.000	0.000	0.000	0.000	0.000	0.000
38.050	0.000	0.000	0.000	0.000	0.000
38.100	0.000	0.000	0.000	0.000	0.000
38.150	0.000	0.000	0.000	0.000	0.000
38.200	0.000	0.000	0.000	0.000	0.000
38.250	0.000	0.000	0.000	0.000	0.000
38.300	0.000	0.000	0.000	0.000	0.000
38.350	0.000	0.000	0.000	0.000	0.000
38.400	0.000	0.000	0.000	0.000	0.000
38.450	0.000	0.000	0.000	0.000	0.000
38.500	0.000	0.000	0.000	0.000	0.000
38.550	0.000	0.000	0.000	0.000	0.000
38.600	0.000	0.000	0.000	0.000	0.000
38.650	0.000	0.000	0.000	0.000	0.000
38.700	0.000	0.000	0.000	0.000	0.000
38.750	0.000	0.000	0.000	0.000	0.000
38.800	0.000	0.000	0.000	0.000	0.000
38.850	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	0.000	0.000	0.000	0.000	0.000
38.950	0.000	0.000	0.000	0.000	0.000
39.000	0.000	0.000	0.000	0.000	0.000
39.050	0.000	0.000	0.000	0.000	0.000
39.100	0.000	0.000	0.000	0.000	0.000
39.150	0.000	0.000	0.000	0.000	0.000
39.200	0.000	0.000	0.000	0.000	0.000
39.250	0.000	0.000	0.000	0.000	0.000
39.300	0.000	0.000	0.000	0.000	0.000
39.350	0.000	0.000	0.000	0.000	0.000
39.400	0.000	0.000	0.000	0.000	0.000
39.450	0.000	0.000	0.000	0.000	0.000
39.500	0.000	0.000	0.000	0.000	0.000
39.550	0.000	0.000	0.000	0.000	0.000
39.600	0.000	0.000	0.000	0.000	0.000
39.650	0.000	0.000	0.000	0.000	0.000
39.700	0.000	0.000	0.000	0.000	0.000
39.750	0.000	0.000	0.000	0.000	0.000
39.800	0.000	0.000	0.000	0.000	0.000
39.850	0.000	0.000	0.000	0.000	0.000
39.900	0.000	0.000	0.000	0.000	0.000
39.950	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
40.050	0.000	0.000	0.000	0.000	0.000
40.100	0.000	0.000	0.000	0.000	0.000
40.150	0.000	0.000	0.000	0.000	0.000
40.200	0.000	0.000	0.000	0.000	0.000
40.250	0.000	0.000	0.000	0.000	0.000
40.300	0.000	0.000	0.000	0.000	0.000
40.350	0.000	0.000	0.000	0.000	0.000
40.400	0.000	0.000	0.000	0.000	0.000
40.450	0.000	0.000	0.000	0.000	0.000
40.500	0.000	0.000	0.000	0.000	0.000
40.550	0.000	0.000	0.000	0.000	0.000
40.600	0.000	0.000	0.000	0.000	0.000
40.650	0.000	0.000	0.000	0.000	0.000
40.700	0.000	0.000	0.000	0.000	0.000
40.750	0.000	0.000	0.000	0.000	0.000
40.800	0.000	0.000	0.000	0.000	0.000
40.850	0.000	0.000	0.000	0.000	0.000
40.900	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	0.000	0.000	0.000	0.000	0.000
41.000	0.000	0.000	0.000	0.000	0.000
41.050	0.000	0.000	0.000	0.000	0.000
41.100	0.000	0.000	0.000	0.000	0.000
41.150	0.000	0.000	0.000	0.000	0.000
41.200	0.000	0.000	0.000	0.000	0.000
41.250	0.000	0.000	0.000	0.000	0.000
41.300	0.000	0.000	0.000	0.000	0.000
41.350	0.000	0.000	0.000	0.000	0.000
41.400	0.000	0.000	0.000	0.000	0.000
41.450	0.000	0.000	0.000	0.000	0.000
41.500	0.000	0.000	0.000	0.000	0.000
41.550	0.000	0.000	0.000	0.000	0.000
41.600	0.000	0.000	0.000	0.000	0.000
41.650	0.000	0.000	0.000	0.000	0.000
41.700	0.000	0.000	0.000	0.000	0.000
41.750	0.000	0.000	0.000	0.000	0.000
41.800	0.000	0.000	0.000	0.000	0.000
41.850	0.000	0.000	0.000	0.000	0.000
41.900	0.000	0.000	0.000	0.000	0.000
41.950	0.000	0.000	0.000	0.000	0.000
42.000	0.000	0.000	0.000	0.000	0.000
42.050	0.000	0.000	0.000	0.000	0.000
42.100	0.000	0.000	0.000	0.000	0.000
42.150	0.000	0.000	0.000	0.000	0.000
42.200	0.000	0.000	0.000	0.000	0.000
42.250	0.000	0.000	0.000	0.000	0.000
42.300	0.000	0.000	0.000	0.000	0.000
42.350	0.000	0.000	0.000	0.000	0.000
42.400	0.000	0.000	0.000	0.000	0.000
42.450	0.000	0.000	0.000	0.000	0.000
42.500	0.000	0.000	0.000	0.000	0.000
42.550	0.000	0.000	0.000	0.000	0.000
42.600	0.000	0.000	0.000	0.000	0.000
42.650	0.000	0.000	0.000	0.000	0.000
42.700	0.000	0.000	0.000	0.000	0.000
42.750	0.000	0.000	0.000	0.000	0.000
42.800	0.000	0.000	0.000	0.000	0.000
42.850	0.000	0.000	0.000	0.000	0.000
42.900	0.000	0.000	0.000	0.000	0.000
42.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	0.000	0.000	0.000	0.000	0.000
43.050	0.000	0.000	0.000	0.000	0.000
43.100	0.000	0.000	0.000	0.000	0.000
43.150	0.000	0.000	0.000	0.000	0.000
43.200	0.000	0.000	0.000	0.000	0.000
43.250	0.000	0.000	0.000	0.000	0.000
43.300	0.000	0.000	0.000	0.000	0.000
43.350	0.000	0.000	0.000	0.000	0.000
43.400	0.000	0.000	0.000	0.000	0.000
43.450	0.000	0.000	0.000	0.000	0.000
43.500	0.000	0.000	0.000	0.000	0.000
43.550	0.000	0.000	0.000	0.000	0.000
43.600	0.000	0.000	0.000	0.000	0.000
43.650	0.000	0.000	0.000	0.000	0.000
43.700	0.000	0.000	0.000	0.000	0.000
43.750	0.000	0.000	0.000	0.000	0.000
43.800	0.000	0.000	0.000	0.000	0.000
43.850	0.000	0.000	0.000	0.000	0.000
43.900	0.000	0.000	0.000	0.000	0.000
43.950	0.000	0.000	0.000	0.000	0.000
44.000	0.000	0.000	0.000	0.000	0.000
44.050	0.000	0.000	0.000	0.000	0.000
44.100	0.000	0.000	0.000	0.000	0.000
44.150	0.000	0.000	0.000	0.000	0.000
44.200	0.000	0.000	0.000	0.000	0.000
44.250	0.000	0.000	0.000	0.000	0.000
44.300	0.000	0.000	0.000	0.000	0.000
44.350	0.000	0.000	0.000	0.000	0.000
44.400	0.000	0.000	0.000	0.000	0.000
44.450	0.000	0.000	0.000	0.000	0.000
44.500	0.000	0.000	0.000	0.000	0.000
44.550	0.000	0.000	0.000	0.000	0.000
44.600	0.000	0.000	0.000	0.000	0.000
44.650	0.000	0.000	0.000	0.000	0.000
44.700	0.000	0.000	0.000	0.000	0.000
44.750	0.000	0.000	0.000	0.000	0.000
44.800	0.000	0.000	0.000	0.000	0.000
44.850	0.000	0.000	0.000	0.000	0.000
44.900	0.000	0.000	0.000	0.000	0.000
44.950	0.000	0.000	0.000	0.000	0.000
45.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	0.000	0.000	0.000	0.000	0.000
45.100	0.000	0.000	0.000	0.000	0.000
45.150	0.000	0.000	0.000	0.000	0.000
45.200	0.000	0.000	0.000	0.000	0.000
45.250	0.000	0.000	0.000	0.000	0.000
45.300	0.000	0.000	0.000	0.000	0.000
45.350	0.000	0.000	0.000	0.000	0.000
45.400	0.000	0.000	0.000	0.000	0.000
45.450	0.000	0.000	0.000	0.000	0.000
45.500	0.000	0.000	0.000	0.000	0.000
45.550	0.000	0.000	0.000	0.000	0.000
45.600	0.000	0.000	0.000	0.000	0.000
45.650	0.000	0.000	0.000	0.000	0.000
45.700	0.000	0.000	0.000	0.000	0.000
45.750	0.000	0.000	0.000	0.000	0.000
45.800	0.000	0.000	0.000	0.000	0.000
45.850	0.000	0.000	0.000	0.000	0.000
45.900	0.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: BRB-1-6
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	0.000	0.000
4.100	0.000	0.000	0.000	0.000	0.000
4.150	0.000	0.000	0.000	0.000	0.000
4.200	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.300	0.000	0.000	0.000	0.000	0.000
4.350	0.000	0.000	0.000	0.000	0.000
4.400	0.000	0.000	0.000	0.000	0.000
4.450	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.550	0.000	0.000	0.000	0.000	0.000
4.600	0.000	0.000	0.000	0.000	0.000
4.650	0.000	0.000	0.000	0.000	0.000
4.700	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
4.800	0.000	0.000	0.000	0.000	0.000
4.850	0.000	0.000	0.000	0.000	0.000
4.900	0.000	0.000	0.000	0.000	0.000
4.950	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.050	0.000	0.000	0.000	0.000	0.000
5.100	0.000	0.000	0.000	0.000	0.000
5.150	0.000	0.000	0.000	0.000	0.000
5.200	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.300	0.000	0.000	0.000	0.000	0.000
5.350	0.000	0.000	0.000	0.000	0.000
5.400	0.000	0.000	0.000	0.000	0.000
5.450	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.550	0.000	0.000	0.000	0.000	0.000
5.600	0.000	0.000	0.000	0.000	0.000
5.650	0.000	0.000	0.000	0.000	0.000
5.700	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
5.800	0.000	1.000	1.000	1.000	1.000
5.850	1.000	1.000	1.000	1.000	1.000
5.900	1.000	1.000	1.000	1.000	1.000
5.950	1.000	1.000	1.000	1.000	1.000
6.000	1.000	1.000	1.000	1.000	1.000
6.050	1.000	1.000	1.000	1.000	1.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	1.000	1.000	1.000	1.000	1.000
6.150	1.000	1.000	1.000	1.000	1.000
6.200	1.000	2.000	2.000	2.000	2.000
6.250	2.000	2.000	2.000	2.000	2.000
6.300	2.000	2.000	2.000	2.000	2.000
6.350	2.000	2.000	2.000	2.000	2.000
6.400	2.000	2.000	2.000	2.000	2.000
6.450	2.000	2.000	2.000	2.000	2.000
6.500	2.000	2.000	3.000	3.000	3.000
6.550	3.000	3.000	3.000	3.000	3.000
6.600	3.000	3.000	3.000	3.000	3.000
6.650	3.000	3.000	3.000	3.000	3.000
6.700	3.000	3.000	3.000	3.000	3.000
6.750	3.000	3.000	3.000	3.000	4.000
6.800	4.000	4.000	4.000	4.000	4.000
6.850	4.000	4.000	4.000	4.000	4.000
6.900	4.000	4.000	4.000	4.000	4.000
6.950	4.000	4.000	4.000	4.000	4.000
7.000	4.000	4.000	4.000	4.000	4.000
7.050	5.000	5.000	5.000	5.000	5.000
7.100	5.000	5.000	5.000	5.000	5.000
7.150	5.000	5.000	5.000	5.000	5.000
7.200	5.000	5.000	5.000	5.000	5.000
7.250	5.000	5.000	5.000	5.000	6.000
7.300	6.000	6.000	6.000	6.000	6.000
7.350	6.000	6.000	6.000	6.000	6.000
7.400	6.000	6.000	6.000	6.000	6.000
7.450	6.000	6.000	6.000	6.000	6.000
7.500	6.000	6.000	7.000	7.000	7.000
7.550	7.000	7.000	7.000	7.000	7.000
7.600	7.000	7.000	7.000	7.000	7.000
7.650	7.000	7.000	7.000	7.000	7.000
7.700	7.000	7.000	7.000	7.000	7.000
7.750	8.000	8.000	8.000	8.000	8.000
7.800	8.000	8.000	8.000	8.000	8.000
7.850	8.000	8.000	8.000	8.000	8.000
7.900	8.000	8.000	8.000	8.000	8.000
7.950	8.000	9.000	9.000	9.000	9.000
8.000	9.000	9.000	9.000	9.000	9.000
8.050	9.000	9.000	9.000	9.000	9.000
8.100	9.000	9.000	9.000	9.000	9.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	9.000	9.000	10.000	10.000	10.000
8.200	10.000	10.000	10.000	10.000	10.000
8.250	10.000	10.000	10.000	10.000	10.000
8.300	10.000	10.000	10.000	11.000	11.000
8.350	11.000	11.000	11.000	11.000	11.000
8.400	11.000	11.000	11.000	11.000	11.000
8.450	11.000	11.000	12.000	12.000	12.000
8.500	12.000	12.000	12.000	12.000	12.000
8.550	12.000	12.000	12.000	12.000	12.000
8.600	13.000	13.000	13.000	13.000	13.000
8.650	13.000	13.000	13.000	13.000	13.000
8.700	13.000	14.000	14.000	14.000	14.000
8.750	14.000	14.000	14.000	14.000	14.000
8.800	14.000	14.000	15.000	15.000	15.000
8.850	15.000	15.000	15.000	15.000	15.000
8.900	15.000	15.000	16.000	16.000	16.000
8.950	16.000	16.000	16.000	16.000	16.000
9.000	16.000	16.000	17.000	17.000	17.000
9.050	17.000	17.000	17.000	17.000	17.000
9.100	17.000	18.000	18.000	18.000	18.000
9.150	18.000	18.000	18.000	18.000	18.000
9.200	19.000	19.000	19.000	19.000	19.000
9.250	19.000	19.000	19.000	19.000	19.000
9.300	20.000	20.000	20.000	20.000	20.000
9.350	20.000	20.000	20.000	20.000	20.000
9.400	20.000	21.000	21.000	21.000	21.000
9.450	21.000	21.000	21.000	21.000	21.000
9.500	21.000	21.000	21.000	22.000	22.000
9.550	22.000	22.000	22.000	22.000	22.000
9.600	22.000	22.000	22.000	22.000	23.000
9.650	23.000	23.000	23.000	23.000	23.000
9.700	23.000	23.000	23.000	24.000	24.000
9.750	24.000	24.000	24.000	24.000	24.000
9.800	24.000	24.000	25.000	25.000	25.000
9.850	25.000	25.000	25.000	25.000	26.000
9.900	26.000	26.000	26.000	26.000	26.000
9.950	26.000	27.000	27.000	27.000	27.000
10.000	27.000	27.000	27.000	28.000	28.000
10.050	28.000	28.000	28.000	28.000	29.000
10.100	29.000	29.000	29.000	29.000	29.000
10.150	30.000	30.000	30.000	30.000	30.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	31.000	31.000	31.000	31.000	31.000
10.250	32.000	32.000	32.000	32.000	32.000
10.300	33.000	33.000	33.000	33.000	34.000
10.350	34.000	34.000	34.000	34.000	35.000
10.400	35.000	35.000	35.000	36.000	36.000
10.450	36.000	36.000	37.000	37.000	37.000
10.500	37.000	38.000	38.000	38.000	38.000
10.550	39.000	39.000	39.000	40.000	40.000
10.600	40.000	40.000	41.000	41.000	41.000
10.650	42.000	42.000	42.000	43.000	43.000
10.700	43.000	44.000	44.000	44.000	45.000
10.750	45.000	45.000	46.000	46.000	46.000
10.800	47.000	47.000	47.000	48.000	48.000
10.850	49.000	49.000	49.000	50.000	50.000
10.900	51.000	51.000	51.000	52.000	52.000
10.950	53.000	53.000	54.000	54.000	54.000
11.000	55.000	55.000	56.000	56.000	57.000
11.050	57.000	58.000	58.000	59.000	59.000
11.100	60.000	60.000	61.000	61.000	62.000
11.150	63.000	63.000	64.000	64.000	65.000
11.200	66.000	66.000	67.000	68.000	68.000
11.250	69.000	70.000	71.000	71.000	72.000
11.300	73.000	74.000	75.000	75.000	76.000
11.350	77.000	78.000	79.000	80.000	81.000
11.400	81.000	82.000	83.000	84.000	85.000
11.450	86.000	87.000	88.000	89.000	90.000
11.500	91.000	92.000	94.000	95.000	97.000
11.550	99.000	101.000	104.000	107.000	111.000
11.600	115.000	118.000	123.000	127.000	132.000
11.650	138.000	145.000	153.000	161.000	170.000
11.700	180.000	190.000	200.000	211.000	223.000
11.750	236.000	250.000	266.000	282.000	299.000
11.800	317.000	336.000	355.000	376.000	399.000
11.850	425.000	453.000	483.000	516.000	550.000
11.900	586.000	623.000	661.000	699.000	736.000
11.950	771.000	806.000	839.000	872.000	903.000
12.000	934.000	964.000	993.000	1,020.000	1,046.000
12.050	1,067.000	1,086.000	1,102.000	1,114.000	1,125.000
12.100	1,134.000	1,142.000	1,149.000	1,156.000	1,162.000
12.150	1,167.000	1,172.000	1,177.000	1,182.000	1,186.000
12.200	1,190.000	1,195.000	1,199.000	1,203.000	1,207.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	1,210.000	1,214.000	1,218.000	1,221.000	1,225.000
12.300	1,228.000	1,231.000	1,235.000	1,238.000	1,241.000
12.350	1,244.000	1,247.000	1,250.000	1,252.000	1,255.000
12.400	1,258.000	1,260.000	1,263.000	1,265.000	1,268.000
12.450	1,270.000	1,272.000	1,274.000	1,276.000	1,278.000
12.500	1,280.000	1,282.000	1,284.000	1,286.000	1,287.000
12.550	1,289.000	1,291.000	1,292.000	1,293.000	1,295.000
12.600	1,296.000	1,298.000	1,299.000	1,300.000	1,302.000
12.650	1,303.000	1,304.000	1,305.000	1,306.000	1,308.000
12.700	1,309.000	1,310.000	1,311.000	1,312.000	1,313.000
12.750	1,314.000	1,315.000	1,316.000	1,317.000	1,318.000
12.800	1,319.000	1,320.000	1,321.000	1,322.000	1,323.000
12.850	1,324.000	1,325.000	1,326.000	1,327.000	1,328.000
12.900	1,328.000	1,329.000	1,330.000	1,331.000	1,332.000
12.950	1,332.000	1,333.000	1,334.000	1,334.000	1,335.000
13.000	1,336.000	1,336.000	1,337.000	1,338.000	1,338.000
13.050	1,339.000	1,339.000	1,340.000	1,340.000	1,341.000
13.100	1,342.000	1,342.000	1,343.000	1,343.000	1,343.000
13.150	1,344.000	1,344.000	1,345.000	1,345.000	1,346.000
13.200	1,346.000	1,347.000	1,347.000	1,347.000	1,348.000
13.250	1,348.000	1,348.000	1,349.000	1,349.000	1,349.000
13.300	1,350.000	1,350.000	1,350.000	1,351.000	1,351.000
13.350	1,351.000	1,351.000	1,352.000	1,352.000	1,352.000
13.400	1,352.000	1,353.000	1,353.000	1,353.000	1,353.000
13.450	1,353.000	1,354.000	1,354.000	1,354.000	1,354.000
13.500	1,354.000	1,354.000	1,354.000	1,355.000	1,355.000
13.550	1,355.000	1,355.000	1,355.000	1,355.000	1,355.000
13.600	1,355.000	1,355.000	1,355.000	1,355.000	1,355.000
13.650	1,355.000	1,355.000	1,355.000	1,355.000	1,355.000
13.700	1,355.000	1,355.000	1,355.000	1,355.000	1,355.000
13.750	1,355.000	1,355.000	1,355.000	1,355.000	1,355.000
13.800	1,355.000	1,355.000	1,355.000	1,355.000	1,354.000
13.850	1,354.000	1,354.000	1,354.000	1,354.000	1,354.000
13.900	1,354.000	1,354.000	1,353.000	1,353.000	1,353.000
13.950	1,353.000	1,353.000	1,352.000	1,352.000	1,352.000
14.000	1,352.000	1,352.000	1,351.000	1,351.000	1,351.000
14.050	1,351.000	1,350.000	1,350.000	1,350.000	1,350.000
14.100	1,349.000	1,349.000	1,349.000	1,349.000	1,348.000
14.150	1,348.000	1,348.000	1,348.000	1,347.000	1,347.000
14.200	1,347.000	1,346.000	1,346.000	1,346.000	1,346.000
14.250	1,345.000	1,345.000	1,345.000	1,344.000	1,344.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	1,344.000	1,343.000	1,343.000	1,343.000	1,342.000
14.350	1,342.000	1,342.000	1,341.000	1,341.000	1,341.000
14.400	1,340.000	1,340.000	1,340.000	1,339.000	1,339.000
14.450	1,339.000	1,338.000	1,338.000	1,338.000	1,337.000
14.500	1,337.000	1,337.000	1,336.000	1,336.000	1,335.000
14.550	1,335.000	1,335.000	1,334.000	1,334.000	1,334.000
14.600	1,333.000	1,333.000	1,332.000	1,332.000	1,332.000
14.650	1,331.000	1,331.000	1,330.000	1,330.000	1,330.000
14.700	1,329.000	1,329.000	1,328.000	1,328.000	1,328.000
14.750	1,327.000	1,327.000	1,326.000	1,326.000	1,326.000
14.800	1,325.000	1,325.000	1,324.000	1,324.000	1,323.000
14.850	1,323.000	1,323.000	1,322.000	1,322.000	1,321.000
14.900	1,321.000	1,320.000	1,320.000	1,319.000	1,319.000
14.950	1,318.000	1,318.000	1,318.000	1,317.000	1,317.000
15.000	1,316.000	1,316.000	1,315.000	1,315.000	1,314.000
15.050	1,314.000	1,313.000	1,313.000	1,312.000	1,312.000
15.100	1,311.000	1,311.000	1,310.000	1,310.000	1,309.000
15.150	1,309.000	1,308.000	1,308.000	1,307.000	1,307.000
15.200	1,306.000	1,306.000	1,305.000	1,305.000	1,304.000
15.250	1,303.000	1,303.000	1,302.000	1,302.000	1,301.000
15.300	1,301.000	1,300.000	1,300.000	1,299.000	1,299.000
15.350	1,298.000	1,297.000	1,297.000	1,296.000	1,296.000
15.400	1,295.000	1,295.000	1,294.000	1,294.000	1,293.000
15.450	1,292.000	1,292.000	1,291.000	1,291.000	1,290.000
15.500	1,289.000	1,289.000	1,288.000	1,288.000	1,287.000
15.550	1,286.000	1,286.000	1,285.000	1,285.000	1,284.000
15.600	1,283.000	1,283.000	1,282.000	1,282.000	1,281.000
15.650	1,280.000	1,280.000	1,279.000	1,278.000	1,278.000
15.700	1,277.000	1,276.000	1,276.000	1,275.000	1,275.000
15.750	1,274.000	1,273.000	1,273.000	1,272.000	1,271.000
15.800	1,271.000	1,270.000	1,269.000	1,269.000	1,268.000
15.850	1,267.000	1,267.000	1,266.000	1,265.000	1,265.000
15.900	1,264.000	1,263.000	1,263.000	1,262.000	1,261.000
15.950	1,260.000	1,260.000	1,259.000	1,258.000	1,258.000
16.000	1,257.000	1,256.000	1,255.000	1,255.000	1,254.000
16.050	1,253.000	1,253.000	1,252.000	1,251.000	1,250.000
16.100	1,250.000	1,249.000	1,248.000	1,248.000	1,247.000
16.150	1,246.000	1,245.000	1,245.000	1,244.000	1,243.000
16.200	1,242.000	1,242.000	1,241.000	1,240.000	1,239.000
16.250	1,239.000	1,238.000	1,237.000	1,236.000	1,236.000
16.300	1,235.000	1,234.000	1,234.000	1,233.000	1,232.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	1,231.000	1,231.000	1,230.000	1,229.000	1,228.000
16.400	1,228.000	1,227.000	1,226.000	1,225.000	1,224.000
16.450	1,224.000	1,223.000	1,222.000	1,221.000	1,221.000
16.500	1,220.000	1,219.000	1,218.000	1,218.000	1,217.000
16.550	1,216.000	1,215.000	1,215.000	1,214.000	1,213.000
16.600	1,212.000	1,212.000	1,211.000	1,210.000	1,209.000
16.650	1,208.000	1,208.000	1,207.000	1,206.000	1,205.000
16.700	1,205.000	1,204.000	1,203.000	1,202.000	1,201.000
16.750	1,201.000	1,200.000	1,199.000	1,198.000	1,198.000
16.800	1,197.000	1,196.000	1,195.000	1,194.000	1,194.000
16.850	1,193.000	1,192.000	1,191.000	1,190.000	1,190.000
16.900	1,189.000	1,188.000	1,187.000	1,186.000	1,186.000
16.950	1,185.000	1,184.000	1,183.000	1,182.000	1,182.000
17.000	1,181.000	1,180.000	1,179.000	1,178.000	1,178.000
17.050	1,177.000	1,176.000	1,175.000	1,174.000	1,174.000
17.100	1,173.000	1,172.000	1,171.000	1,170.000	1,170.000
17.150	1,169.000	1,168.000	1,167.000	1,166.000	1,165.000
17.200	1,165.000	1,164.000	1,163.000	1,162.000	1,161.000
17.250	1,161.000	1,160.000	1,159.000	1,158.000	1,157.000
17.300	1,156.000	1,156.000	1,155.000	1,154.000	1,153.000
17.350	1,152.000	1,151.000	1,151.000	1,150.000	1,149.000
17.400	1,148.000	1,147.000	1,146.000	1,146.000	1,145.000
17.450	1,144.000	1,143.000	1,142.000	1,141.000	1,141.000
17.500	1,140.000	1,139.000	1,138.000	1,137.000	1,136.000
17.550	1,135.000	1,135.000	1,134.000	1,133.000	1,132.000
17.600	1,131.000	1,130.000	1,129.000	1,129.000	1,128.000
17.650	1,127.000	1,126.000	1,125.000	1,124.000	1,123.000
17.700	1,123.000	1,122.000	1,121.000	1,120.000	1,119.000
17.750	1,118.000	1,117.000	1,117.000	1,116.000	1,115.000
17.800	1,114.000	1,113.000	1,112.000	1,111.000	1,110.000
17.850	1,110.000	1,109.000	1,108.000	1,107.000	1,106.000
17.900	1,105.000	1,104.000	1,103.000	1,103.000	1,102.000
17.950	1,101.000	1,100.000	1,099.000	1,098.000	1,097.000
18.000	1,096.000	1,096.000	1,095.000	1,094.000	1,093.000
18.050	1,092.000	1,091.000	1,090.000	1,089.000	1,088.000
18.100	1,087.000	1,087.000	1,086.000	1,085.000	1,084.000
18.150	1,083.000	1,082.000	1,081.000	1,080.000	1,079.000
18.200	1,078.000	1,078.000	1,077.000	1,076.000	1,075.000
18.250	1,074.000	1,073.000	1,072.000	1,071.000	1,070.000
18.300	1,069.000	1,068.000	1,068.000	1,067.000	1,066.000
18.350	1,065.000	1,064.000	1,063.000	1,062.000	1,061.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	1,060.000	1,059.000	1,058.000	1,057.000	1,057.000
18.450	1,056.000	1,055.000	1,054.000	1,053.000	1,052.000
18.500	1,051.000	1,050.000	1,049.000	1,048.000	1,047.000
18.550	1,046.000	1,045.000	1,044.000	1,044.000	1,043.000
18.600	1,042.000	1,041.000	1,040.000	1,039.000	1,038.000
18.650	1,037.000	1,036.000	1,035.000	1,034.000	1,033.000
18.700	1,032.000	1,031.000	1,030.000	1,029.000	1,028.000
18.750	1,028.000	1,027.000	1,026.000	1,025.000	1,024.000
18.800	1,023.000	1,022.000	1,021.000	1,020.000	1,019.000
18.850	1,018.000	1,017.000	1,016.000	1,015.000	1,014.000
18.900	1,013.000	1,012.000	1,011.000	1,010.000	1,009.000
18.950	1,008.000	1,007.000	1,006.000	1,005.000	1,004.000
19.000	1,003.000	1,003.000	1,002.000	1,001.000	1,000.000
19.050	999.000	998.000	997.000	996.000	995.000
19.100	994.000	993.000	992.000	991.000	990.000
19.150	989.000	988.000	987.000	986.000	985.000
19.200	984.000	983.000	982.000	981.000	980.000
19.250	979.000	978.000	977.000	976.000	975.000
19.300	974.000	973.000	972.000	971.000	970.000
19.350	969.000	968.000	967.000	966.000	965.000
19.400	964.000	963.000	962.000	961.000	960.000
19.450	959.000	958.000	957.000	956.000	955.000
19.500	954.000	953.000	952.000	951.000	950.000
19.550	949.000	948.000	947.000	946.000	945.000
19.600	944.000	943.000	942.000	941.000	940.000
19.650	939.000	938.000	936.000	935.000	934.000
19.700	933.000	932.000	931.000	930.000	929.000
19.750	928.000	927.000	926.000	925.000	924.000
19.800	923.000	922.000	921.000	920.000	919.000
19.850	918.000	917.000	916.000	915.000	914.000
19.900	913.000	912.000	911.000	909.000	908.000
19.950	907.000	906.000	905.000	904.000	903.000
20.000	902.000	901.000	900.000	899.000	898.000
20.050	897.000	896.000	895.000	894.000	893.000
20.100	891.000	890.000	889.000	888.000	887.000
20.150	886.000	885.000	884.000	883.000	882.000
20.200	881.000	880.000	879.000	878.000	877.000
20.250	876.000	874.000	873.000	872.000	871.000
20.300	870.000	869.000	868.000	867.000	866.000
20.350	865.000	864.000	863.000	862.000	861.000
20.400	860.000	858.000	857.000	856.000	855.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	854.000	853.000	852.000	851.000	850.000
20.500	849.000	848.000	847.000	846.000	845.000
20.550	843.000	842.000	841.000	840.000	839.000
20.600	838.000	837.000	836.000	835.000	834.000
20.650	833.000	832.000	831.000	830.000	828.000
20.700	827.000	826.000	825.000	824.000	823.000
20.750	822.000	821.000	820.000	819.000	818.000
20.800	817.000	816.000	815.000	813.000	812.000
20.850	811.000	810.000	809.000	808.000	807.000
20.900	806.000	805.000	804.000	803.000	802.000
20.950	801.000	799.000	798.000	797.000	796.000
21.000	795.000	794.000	793.000	792.000	791.000
21.050	790.000	789.000	788.000	787.000	785.000
21.100	784.000	783.000	782.000	781.000	780.000
21.150	779.000	778.000	777.000	776.000	775.000
21.200	774.000	772.000	771.000	770.000	769.000
21.250	768.000	767.000	766.000	765.000	764.000
21.300	763.000	762.000	761.000	759.000	758.000
21.350	757.000	756.000	755.000	754.000	753.000
21.400	752.000	751.000	750.000	749.000	748.000
21.450	746.000	745.000	744.000	743.000	742.000
21.500	741.000	740.000	739.000	738.000	737.000
21.550	736.000	735.000	733.000	732.000	731.000
21.600	730.000	729.000	728.000	727.000	726.000
21.650	725.000	724.000	723.000	721.000	720.000
21.700	719.000	718.000	717.000	716.000	715.000
21.750	714.000	713.000	712.000	711.000	709.000
21.800	708.000	707.000	706.000	705.000	704.000
21.850	703.000	702.000	701.000	700.000	699.000
21.900	697.000	696.000	695.000	694.000	693.000
21.950	692.000	691.000	690.000	689.000	688.000
22.000	687.000	685.000	684.000	683.000	682.000
22.050	681.000	680.000	679.000	678.000	677.000
22.100	676.000	674.000	673.000	672.000	671.000
22.150	670.000	669.000	668.000	667.000	666.000
22.200	665.000	664.000	662.000	661.000	660.000
22.250	659.000	658.000	657.000	656.000	655.000
22.300	654.000	653.000	651.000	650.000	649.000
22.350	648.000	647.000	646.000	645.000	644.000
22.400	643.000	642.000	640.000	639.000	638.000
22.450	637.000	636.000	635.000	634.000	633.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	632.000	630.000	629.000	628.000	627.000
22.550	626.000	625.000	624.000	623.000	622.000
22.600	621.000	619.000	618.000	617.000	616.000
22.650	615.000	614.000	613.000	612.000	611.000
22.700	610.000	608.000	607.000	606.000	605.000
22.750	604.000	603.000	602.000	601.000	600.000
22.800	598.000	597.000	596.000	595.000	594.000
22.850	593.000	592.000	591.000	590.000	588.000
22.900	587.000	586.000	585.000	584.000	583.000
22.950	582.000	581.000	580.000	578.000	577.000
23.000	576.000	575.000	574.000	573.000	572.000
23.050	571.000	570.000	568.000	567.000	566.000
23.100	565.000	564.000	563.000	562.000	561.000
23.150	560.000	558.000	557.000	556.000	555.000
23.200	554.000	553.000	552.000	551.000	550.000
23.250	548.000	547.000	546.000	545.000	544.000
23.300	543.000	542.000	541.000	539.000	538.000
23.350	537.000	536.000	535.000	534.000	533.000
23.400	532.000	531.000	529.000	528.000	527.000
23.450	526.000	525.000	524.000	523.000	522.000
23.500	520.000	519.000	518.000	517.000	516.000
23.550	515.000	514.000	513.000	512.000	510.000
23.600	509.000	508.000	507.000	506.000	505.000
23.650	504.000	503.000	501.000	500.000	499.000
23.700	498.000	497.000	496.000	495.000	494.000
23.750	492.000	491.000	490.000	489.000	488.000
23.800	487.000	486.000	485.000	483.000	482.000
23.850	481.000	480.000	479.000	478.000	477.000
23.900	476.000	474.000	473.000	472.000	471.000
23.950	470.000	469.000	468.000	467.000	465.000
24.000	464.000	463.000	462.000	461.000	460.000
24.050	458.000	457.000	456.000	454.000	453.000
24.100	451.000	450.000	449.000	447.000	446.000
24.150	444.000	443.000	441.000	440.000	438.000
24.200	437.000	435.000	434.000	432.000	431.000
24.250	429.000	427.000	426.000	424.000	423.000
24.300	421.000	420.000	418.000	417.000	415.000
24.350	414.000	412.000	411.000	409.000	408.000
24.400	406.000	405.000	403.000	402.000	400.000
24.450	399.000	397.000	396.000	394.000	393.000
24.500	391.000	390.000	388.000	387.000	385.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	384.000	382.000	381.000	379.000	378.000
24.600	376.000	375.000	373.000	372.000	370.000
24.650	369.000	367.000	365.000	364.000	362.000
24.700	361.000	359.000	358.000	356.000	355.000
24.750	353.000	352.000	350.000	349.000	347.000
24.800	346.000	344.000	343.000	341.000	340.000
24.850	338.000	337.000	335.000	334.000	332.000
24.900	331.000	329.000	328.000	326.000	325.000
24.950	323.000	322.000	320.000	319.000	317.000
25.000	316.000	314.000	313.000	311.000	310.000
25.050	308.000	307.000	305.000	304.000	302.000
25.100	300.000	299.000	297.000	296.000	294.000
25.150	293.000	291.000	290.000	288.000	287.000
25.200	285.000	284.000	282.000	281.000	279.000
25.250	278.000	276.000	275.000	273.000	272.000
25.300	270.000	269.000	267.000	266.000	264.000
25.350	263.000	261.000	260.000	258.000	257.000
25.400	255.000	254.000	252.000	251.000	249.000
25.450	248.000	246.000	245.000	243.000	242.000
25.500	240.000	238.000	237.000	235.000	234.000
25.550	232.000	231.000	229.000	228.000	226.000
25.600	225.000	223.000	222.000	220.000	219.000
25.650	217.000	216.000	214.000	213.000	211.000
25.700	210.000	208.000	207.000	205.000	204.000
25.750	202.000	201.000	199.000	198.000	196.000
25.800	195.000	193.000	192.000	190.000	189.000
25.850	187.000	186.000	184.000	183.000	181.000
25.900	180.000	178.000	176.000	175.000	173.000
25.950	172.000	170.000	169.000	167.000	166.000
26.000	164.000	163.000	161.000	160.000	158.000
26.050	157.000	155.000	154.000	152.000	151.000
26.100	149.000	148.000	146.000	145.000	143.000
26.150	142.000	140.000	139.000	137.000	136.000
26.200	134.000	133.000	131.000	130.000	128.000
26.250	127.000	125.000	124.000	122.000	121.000
26.300	119.000	118.000	116.000	115.000	113.000
26.350	111.000	110.000	108.000	107.000	105.000
26.400	104.000	102.000	101.000	99.000	98.000
26.450	96.000	95.000	93.000	92.000	90.000
26.500	89.000	87.000	86.000	84.000	83.000
26.550	81.000	80.000	79.000	77.000	76.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	75.000	73.000	72.000	71.000	69.000
26.650	68.000	67.000	66.000	65.000	64.000
26.700	63.000	61.000	60.000	59.000	58.000
26.750	57.000	56.000	55.000	54.000	53.000
26.800	52.000	52.000	51.000	50.000	49.000
26.850	48.000	47.000	46.000	46.000	45.000
26.900	44.000	43.000	42.000	42.000	41.000
26.950	40.000	40.000	39.000	38.000	38.000
27.000	37.000	36.000	36.000	35.000	34.000
27.050	34.000	33.000	33.000	32.000	31.000
27.100	31.000	30.000	30.000	29.000	29.000
27.150	28.000	28.000	27.000	27.000	26.000
27.200	26.000	25.000	25.000	25.000	24.000
27.250	24.000	23.000	23.000	23.000	22.000
27.300	22.000	21.000	21.000	21.000	20.000
27.350	20.000	20.000	19.000	19.000	19.000
27.400	18.000	18.000	18.000	17.000	17.000
27.450	17.000	16.000	16.000	16.000	16.000
27.500	15.000	15.000	15.000	15.000	14.000
27.550	14.000	14.000	14.000	13.000	13.000
27.600	13.000	13.000	12.000	12.000	12.000
27.650	12.000	12.000	11.000	11.000	11.000
27.700	11.000	11.000	10.000	10.000	10.000
27.750	10.000	10.000	10.000	9.000	9.000
27.800	9.000	9.000	9.000	9.000	8.000
27.850	8.000	8.000	8.000	8.000	8.000
27.900	8.000	7.000	7.000	7.000	7.000
27.950	7.000	7.000	7.000	7.000	6.000
28.000	6.000	6.000	6.000	6.000	6.000
28.050	6.000	6.000	6.000	6.000	5.000
28.100	5.000	5.000	5.000	5.000	5.000
28.150	5.000	5.000	5.000	5.000	5.000
28.200	4.000	4.000	4.000	4.000	4.000
28.250	4.000	4.000	4.000	4.000	4.000
28.300	4.000	4.000	4.000	4.000	3.000
28.350	3.000	3.000	3.000	3.000	3.000
28.400	3.000	3.000	3.000	3.000	3.000
28.450	3.000	3.000	3.000	3.000	3.000
28.500	3.000	3.000	3.000	3.000	2.000
28.550	2.000	2.000	2.000	2.000	2.000
28.600	2.000	2.000	2.000	2.000	2.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	2.000	2.000	2.000	2.000	2.000
28.700	2.000	2.000	2.000	2.000	2.000
28.750	2.000	2.000	2.000	2.000	2.000
28.800	2.000	2.000	2.000	1.000	1.000
28.850	1.000	1.000	1.000	1.000	1.000
28.900	1.000	1.000	1.000	1.000	1.000
28.950	1.000	1.000	1.000	1.000	1.000
29.000	1.000	1.000	1.000	1.000	1.000
29.050	1.000	1.000	1.000	1.000	1.000
29.100	1.000	1.000	1.000	1.000	1.000
29.150	1.000	1.000	1.000	1.000	1.000
29.200	1.000	1.000	1.000	1.000	1.000
29.250	1.000	1.000	1.000	1.000	1.000
29.300	1.000	1.000	1.000	1.000	1.000
29.350	1.000	1.000	1.000	1.000	1.000
29.400	1.000	1.000	1.000	1.000	1.000
29.450	0.000	0.000	0.000	0.000	0.000
29.500	0.000	0.000	0.000	0.000	0.000
29.550	0.000	0.000	0.000	0.000	0.000
29.600	0.000	0.000	0.000	0.000	0.000
29.650	0.000	0.000	0.000	0.000	0.000
29.700	0.000	0.000	0.000	0.000	0.000
29.750	0.000	0.000	0.000	0.000	0.000
29.800	0.000	0.000	0.000	0.000	0.000
29.850	0.000	0.000	0.000	0.000	0.000
29.900	0.000	0.000	0.000	0.000	0.000
29.950	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
30.050	0.000	0.000	0.000	0.000	0.000
30.100	0.000	0.000	0.000	0.000	0.000
30.150	0.000	0.000	0.000	0.000	0.000
30.200	0.000	0.000	0.000	0.000	0.000
30.250	0.000	0.000	0.000	0.000	0.000
30.300	0.000	0.000	0.000	0.000	0.000
30.350	0.000	0.000	0.000	0.000	0.000
30.400	0.000	0.000	0.000	0.000	0.000
30.450	0.000	0.000	0.000	0.000	0.000
30.500	0.000	0.000	0.000	0.000	0.000
30.550	0.000	0.000	0.000	0.000	0.000
30.600	0.000	0.000	0.000	0.000	0.000
30.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	0.000	0.000	0.000	0.000	0.000
30.750	0.000	0.000	0.000	0.000	0.000
30.800	0.000	0.000	0.000	0.000	0.000
30.850	0.000	0.000	0.000	0.000	0.000
30.900	0.000	0.000	0.000	0.000	0.000
30.950	0.000	0.000	0.000	0.000	0.000
31.000	0.000	0.000	0.000	0.000	0.000
31.050	0.000	0.000	0.000	0.000	0.000
31.100	0.000	0.000	0.000	0.000	0.000
31.150	0.000	0.000	0.000	0.000	0.000
31.200	0.000	0.000	0.000	0.000	0.000
31.250	0.000	0.000	0.000	0.000	0.000
31.300	0.000	0.000	0.000	0.000	0.000
31.350	0.000	0.000	0.000	0.000	0.000
31.400	0.000	0.000	0.000	0.000	0.000
31.450	0.000	0.000	0.000	0.000	0.000
31.500	0.000	0.000	0.000	0.000	0.000
31.550	0.000	0.000	0.000	0.000	0.000
31.600	0.000	0.000	0.000	0.000	0.000
31.650	0.000	0.000	0.000	0.000	0.000
31.700	0.000	0.000	0.000	0.000	0.000
31.750	0.000	0.000	0.000	0.000	0.000
31.800	0.000	0.000	0.000	0.000	0.000
31.850	0.000	0.000	0.000	0.000	0.000
31.900	0.000	0.000	0.000	0.000	0.000
31.950	0.000	0.000	0.000	0.000	0.000
32.000	0.000	0.000	0.000	0.000	0.000
32.050	0.000	0.000	0.000	0.000	0.000
32.100	0.000	0.000	0.000	0.000	0.000
32.150	0.000	0.000	0.000	0.000	0.000
32.200	0.000	0.000	0.000	0.000	0.000
32.250	0.000	0.000	0.000	0.000	0.000
32.300	0.000	0.000	0.000	0.000	0.000
32.350	0.000	0.000	0.000	0.000	0.000
32.400	0.000	0.000	0.000	0.000	0.000
32.450	0.000	0.000	0.000	0.000	0.000
32.500	0.000	0.000	0.000	0.000	0.000
32.550	0.000	0.000	0.000	0.000	0.000
32.600	0.000	0.000	0.000	0.000	0.000
32.650	0.000	0.000	0.000	0.000	0.000
32.700	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	0.000	0.000	0.000	0.000	0.000
32.800	0.000	0.000	0.000	0.000	0.000
32.850	0.000	0.000	0.000	0.000	0.000
32.900	0.000	0.000	0.000	0.000	0.000
32.950	0.000	0.000	0.000	0.000	0.000
33.000	0.000	0.000	0.000	0.000	0.000
33.050	0.000	0.000	0.000	0.000	0.000
33.100	0.000	0.000	0.000	0.000	0.000
33.150	0.000	0.000	0.000	0.000	0.000
33.200	0.000	0.000	0.000	0.000	0.000
33.250	0.000	0.000	0.000	0.000	0.000
33.300	0.000	0.000	0.000	0.000	0.000
33.350	0.000	0.000	0.000	0.000	0.000
33.400	0.000	0.000	0.000	0.000	0.000
33.450	0.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.550	0.000	0.000	0.000	0.000	0.000
33.600	0.000	0.000	0.000	0.000	0.000
33.650	0.000	0.000	0.000	0.000	0.000
33.700	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
33.800	0.000	0.000	0.000	0.000	0.000
33.850	0.000	0.000	0.000	0.000	0.000
33.900	0.000	0.000	0.000	0.000	0.000
33.950	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.050	0.000	0.000	0.000	0.000	0.000
34.100	0.000	0.000	0.000	0.000	0.000
34.150	0.000	0.000	0.000	0.000	0.000
34.200	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.300	0.000	0.000	0.000	0.000	0.000
34.350	0.000	0.000	0.000	0.000	0.000
34.400	0.000	0.000	0.000	0.000	0.000
34.450	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.550	0.000	0.000	0.000	0.000	0.000
34.600	0.000	0.000	0.000	0.000	0.000
34.650	0.000	0.000	0.000	0.000	0.000
34.700	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	0.000	0.000	0.000	0.000	0.000
34.850	0.000	0.000	0.000	0.000	0.000
34.900	0.000	0.000	0.000	0.000	0.000
34.950	0.000	0.000	0.000	0.000	0.000
35.000	0.000	0.000	0.000	0.000	0.000
35.050	0.000	0.000	0.000	0.000	0.000
35.100	0.000	0.000	0.000	0.000	0.000
35.150	0.000	0.000	0.000	0.000	0.000
35.200	0.000	0.000	0.000	0.000	0.000
35.250	0.000	0.000	0.000	0.000	0.000
35.300	0.000	0.000	0.000	0.000	0.000
35.350	0.000	0.000	0.000	0.000	0.000
35.400	0.000	0.000	0.000	0.000	0.000
35.450	0.000	0.000	0.000	0.000	0.000
35.500	0.000	0.000	0.000	0.000	0.000
35.550	0.000	0.000	0.000	0.000	0.000
35.600	0.000	0.000	0.000	0.000	0.000
35.650	0.000	0.000	0.000	0.000	0.000
35.700	0.000	0.000	0.000	0.000	0.000
35.750	0.000	0.000	0.000	0.000	0.000
35.800	0.000	0.000	0.000	0.000	0.000
35.850	0.000	0.000	0.000	0.000	0.000
35.900	0.000	0.000	0.000	0.000	0.000
35.950	0.000	0.000	0.000	0.000	0.000
36.000	0.000	0.000	0.000	0.000	0.000
36.050	0.000	0.000	0.000	0.000	0.000
36.100	0.000	0.000	0.000	0.000	0.000
36.150	0.000	0.000	0.000	0.000	0.000
36.200	0.000	0.000	0.000	0.000	0.000
36.250	0.000	0.000	0.000	0.000	0.000
36.300	0.000	0.000	0.000	0.000	0.000
36.350	0.000	0.000	0.000	0.000	0.000
36.400	0.000	0.000	0.000	0.000	0.000
36.450	0.000	0.000	0.000	0.000	0.000
36.500	0.000	0.000	0.000	0.000	0.000
36.550	0.000	0.000	0.000	0.000	0.000
36.600	0.000	0.000	0.000	0.000	0.000
36.650	0.000	0.000	0.000	0.000	0.000
36.700	0.000	0.000	0.000	0.000	0.000
36.750	0.000	0.000	0.000	0.000	0.000
36.800	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	0.000	0.000	0.000	0.000	0.000
36.900	0.000	0.000	0.000	0.000	0.000
36.950	0.000	0.000	0.000	0.000	0.000
37.000	0.000	0.000	0.000	0.000	0.000
37.050	0.000	0.000	0.000	0.000	0.000
37.100	0.000	0.000	0.000	0.000	0.000
37.150	0.000	0.000	0.000	0.000	0.000
37.200	0.000	0.000	0.000	0.000	0.000
37.250	0.000	0.000	0.000	0.000	0.000
37.300	0.000	0.000	0.000	0.000	0.000
37.350	0.000	0.000	0.000	0.000	0.000
37.400	0.000	0.000	0.000	0.000	0.000
37.450	0.000	0.000	0.000	0.000	0.000
37.500	0.000	0.000	0.000	0.000	0.000
37.550	0.000	0.000	0.000	0.000	0.000
37.600	0.000	0.000	0.000	0.000	0.000
37.650	0.000	0.000	0.000	0.000	0.000
37.700	0.000	0.000	0.000	0.000	0.000
37.750	0.000	0.000	0.000	0.000	0.000
37.800	0.000	0.000	0.000	0.000	0.000
37.850	0.000	0.000	0.000	0.000	0.000
37.900	0.000	0.000	0.000	0.000	0.000
37.950	0.000	0.000	0.000	0.000	0.000
38.000	0.000	0.000	0.000	0.000	0.000
38.050	0.000	0.000	0.000	0.000	0.000
38.100	0.000	0.000	0.000	0.000	0.000
38.150	0.000	0.000	0.000	0.000	0.000
38.200	0.000	0.000	0.000	0.000	0.000
38.250	0.000	0.000	0.000	0.000	0.000
38.300	0.000	0.000	0.000	0.000	0.000
38.350	0.000	0.000	0.000	0.000	0.000
38.400	0.000	0.000	0.000	0.000	0.000
38.450	0.000	0.000	0.000	0.000	0.000
38.500	0.000	0.000	0.000	0.000	0.000
38.550	0.000	0.000	0.000	0.000	0.000
38.600	0.000	0.000	0.000	0.000	0.000
38.650	0.000	0.000	0.000	0.000	0.000
38.700	0.000	0.000	0.000	0.000	0.000
38.750	0.000	0.000	0.000	0.000	0.000
38.800	0.000	0.000	0.000	0.000	0.000
38.850	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	0.000	0.000	0.000	0.000	0.000
38.950	0.000	0.000	0.000	0.000	0.000
39.000	0.000	0.000	0.000	0.000	0.000
39.050	0.000	0.000	0.000	0.000	0.000
39.100	0.000	0.000	0.000	0.000	0.000
39.150	0.000	0.000	0.000	0.000	0.000
39.200	0.000	0.000	0.000	0.000	0.000
39.250	0.000	0.000	0.000	0.000	0.000
39.300	0.000	0.000	0.000	0.000	0.000
39.350	0.000	0.000	0.000	0.000	0.000
39.400	0.000	0.000	0.000	0.000	0.000
39.450	0.000	0.000	0.000	0.000	0.000
39.500	0.000	0.000	0.000	0.000	0.000
39.550	0.000	0.000	0.000	0.000	0.000
39.600	0.000	0.000	0.000	0.000	0.000
39.650	0.000	0.000	0.000	0.000	0.000
39.700	0.000	0.000	0.000	0.000	0.000
39.750	0.000	0.000	0.000	0.000	0.000
39.800	0.000	0.000	0.000	0.000	0.000
39.850	0.000	0.000	0.000	0.000	0.000
39.900	0.000	0.000	0.000	0.000	0.000
39.950	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
40.050	0.000	0.000	0.000	0.000	0.000
40.100	0.000	0.000	0.000	0.000	0.000
40.150	0.000	0.000	0.000	0.000	0.000
40.200	0.000	0.000	0.000	0.000	0.000
40.250	0.000	0.000	0.000	0.000	0.000
40.300	0.000	0.000	0.000	0.000	0.000
40.350	0.000	0.000	0.000	0.000	0.000
40.400	0.000	0.000	0.000	0.000	0.000
40.450	0.000	0.000	0.000	0.000	0.000
40.500	0.000	0.000	0.000	0.000	0.000
40.550	0.000	0.000	0.000	0.000	0.000
40.600	0.000	0.000	0.000	0.000	0.000
40.650	0.000	0.000	0.000	0.000	0.000
40.700	0.000	0.000	0.000	0.000	0.000
40.750	0.000	0.000	0.000	0.000	0.000
40.800	0.000	0.000	0.000	0.000	0.000
40.850	0.000	0.000	0.000	0.000	0.000
40.900	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	0.000	0.000	0.000	0.000	0.000
41.000	0.000	0.000	0.000	0.000	0.000
41.050	0.000	0.000	0.000	0.000	0.000
41.100	0.000	0.000	0.000	0.000	0.000
41.150	0.000	0.000	0.000	0.000	0.000
41.200	0.000	0.000	0.000	0.000	0.000
41.250	0.000	0.000	0.000	0.000	0.000
41.300	0.000	0.000	0.000	0.000	0.000
41.350	0.000	0.000	0.000	0.000	0.000
41.400	0.000	0.000	0.000	0.000	0.000
41.450	0.000	0.000	0.000	0.000	0.000
41.500	0.000	0.000	0.000	0.000	0.000
41.550	0.000	0.000	0.000	0.000	0.000
41.600	0.000	0.000	0.000	0.000	0.000
41.650	0.000	0.000	0.000	0.000	0.000
41.700	0.000	0.000	0.000	0.000	0.000
41.750	0.000	0.000	0.000	0.000	0.000
41.800	0.000	0.000	0.000	0.000	0.000
41.850	0.000	0.000	0.000	0.000	0.000
41.900	0.000	0.000	0.000	0.000	0.000
41.950	0.000	0.000	0.000	0.000	0.000
42.000	0.000	0.000	0.000	0.000	0.000
42.050	0.000	0.000	0.000	0.000	0.000
42.100	0.000	0.000	0.000	0.000	0.000
42.150	0.000	0.000	0.000	0.000	0.000
42.200	0.000	0.000	0.000	0.000	0.000
42.250	0.000	0.000	0.000	0.000	0.000
42.300	0.000	0.000	0.000	0.000	0.000
42.350	0.000	0.000	0.000	0.000	0.000
42.400	0.000	0.000	0.000	0.000	0.000
42.450	0.000	0.000	0.000	0.000	0.000
42.500	0.000	0.000	0.000	0.000	0.000
42.550	0.000	0.000	0.000	0.000	0.000
42.600	0.000	0.000	0.000	0.000	0.000
42.650	0.000	0.000	0.000	0.000	0.000
42.700	0.000	0.000	0.000	0.000	0.000
42.750	0.000	0.000	0.000	0.000	0.000
42.800	0.000	0.000	0.000	0.000	0.000
42.850	0.000	0.000	0.000	0.000	0.000
42.900	0.000	0.000	0.000	0.000	0.000
42.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	0.000	0.000	0.000	0.000	0.000
43.050	0.000	0.000	0.000	0.000	0.000
43.100	0.000	0.000	0.000	0.000	0.000
43.150	0.000	0.000	0.000	0.000	0.000
43.200	0.000	0.000	0.000	0.000	0.000
43.250	0.000	0.000	0.000	0.000	0.000
43.300	0.000	0.000	0.000	0.000	0.000
43.350	0.000	0.000	0.000	0.000	0.000
43.400	0.000	0.000	0.000	0.000	0.000
43.450	0.000	0.000	0.000	0.000	0.000
43.500	0.000	0.000	0.000	0.000	0.000
43.550	0.000	0.000	0.000	0.000	0.000
43.600	0.000	0.000	0.000	0.000	0.000
43.650	0.000	0.000	0.000	0.000	0.000
43.700	0.000	0.000	0.000	0.000	0.000
43.750	0.000	0.000	0.000	0.000	0.000
43.800	0.000	0.000	0.000	0.000	0.000
43.850	0.000	0.000	0.000	0.000	0.000
43.900	0.000	0.000	0.000	0.000	0.000
43.950	0.000	0.000	0.000	0.000	0.000
44.000	0.000	0.000	0.000	0.000	0.000
44.050	0.000	0.000	0.000	0.000	0.000
44.100	0.000	0.000	0.000	0.000	0.000
44.150	0.000	0.000	0.000	0.000	0.000
44.200	0.000	0.000	0.000	0.000	0.000
44.250	0.000	0.000	0.000	0.000	0.000
44.300	0.000	0.000	0.000	0.000	0.000
44.350	0.000	0.000	0.000	0.000	0.000
44.400	0.000	0.000	0.000	0.000	0.000
44.450	0.000	0.000	0.000	0.000	0.000
44.500	0.000	0.000	0.000	0.000	0.000
44.550	0.000	0.000	0.000	0.000	0.000
44.600	0.000	0.000	0.000	0.000	0.000
44.650	0.000	0.000	0.000	0.000	0.000
44.700	0.000	0.000	0.000	0.000	0.000
44.750	0.000	0.000	0.000	0.000	0.000
44.800	0.000	0.000	0.000	0.000	0.000
44.850	0.000	0.000	0.000	0.000	0.000
44.900	0.000	0.000	0.000	0.000	0.000
44.950	0.000	0.000	0.000	0.000	0.000
45.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	0.000	0.000	0.000	0.000	0.000
45.100	0.000	0.000	0.000	0.000	0.000
45.150	0.000	0.000	0.000	0.000	0.000
45.200	0.000	0.000	0.000	0.000	0.000
45.250	0.000	0.000	0.000	0.000	0.000
45.300	0.000	0.000	0.000	0.000	0.000
45.350	0.000	0.000	0.000	0.000	0.000
45.400	0.000	0.000	0.000	0.000	0.000
45.450	0.000	0.000	0.000	0.000	0.000
45.500	0.000	0.000	0.000	0.000	0.000
45.550	0.000	0.000	0.000	0.000	0.000
45.600	0.000	0.000	0.000	0.000	0.000
45.650	0.000	0.000	0.000	0.000	0.000
45.700	0.000	0.000	0.000	0.000	0.000
45.750	0.000	0.000	0.000	0.000	0.000
45.800	0.000	0.000	0.000	0.000	0.000
45.850	0.000	0.000	0.000	0.000	0.000
45.900	0.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: RG-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.050	0.000	0.000	0.000	0.000	0.000
0.100	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.000	0.000	0.000	0.000
0.200	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.300	0.000	0.000	0.000	0.000	0.000
0.350	0.000	0.000	0.000	0.000	0.000
0.400	0.000	0.000	0.000	0.000	0.000
0.450	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.550	0.000	0.000	0.000	0.000	0.000
0.600	0.000	0.000	0.000	0.000	0.000
0.650	0.000	0.000	0.000	0.000	0.000
0.700	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
0.800	0.000	0.000	0.000	0.000	0.000
0.850	0.000	0.000	0.000	0.000	0.000
0.900	0.000	0.000	0.000	0.000	0.000
0.950	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.050	0.000	0.000	0.000	0.000	0.000
1.100	0.000	0.000	0.000	0.000	0.000
1.150	0.000	0.000	0.000	0.000	0.000
1.200	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.300	0.000	0.000	0.000	0.000	0.000
1.350	0.000	0.000	0.000	0.000	0.000
1.400	0.000	0.000	0.000	0.000	0.000
1.450	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.550	0.000	0.000	0.000	0.000	0.000
1.600	0.000	0.000	0.000	0.000	0.000
1.650	0.000	0.000	0.000	0.000	0.000
1.700	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
1.800	0.000	0.000	0.000	0.000	0.000
1.850	0.000	0.000	0.000	0.000	0.000
1.900	0.000	0.000	0.000	0.000	0.000
1.950	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.000	0.000	0.000	0.000	0.000	0.000
2.050	0.000	0.000	0.000	0.000	0.000
2.100	0.000	0.000	0.000	0.000	0.000
2.150	0.000	0.000	0.000	0.000	0.000
2.200	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.300	0.000	0.000	0.000	0.000	0.000
2.350	0.000	0.000	0.000	0.000	0.000
2.400	0.000	0.000	0.000	0.000	0.000
2.450	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.550	0.000	0.000	0.000	0.000	0.000
2.600	0.000	0.000	0.000	0.000	0.000
2.650	0.000	0.000	0.000	0.000	0.000
2.700	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
2.800	0.000	0.000	0.000	0.000	0.000
2.850	0.000	0.000	0.000	0.000	0.000
2.900	0.000	0.000	0.000	0.000	0.000
2.950	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.050	0.000	0.000	0.000	0.000	0.000
3.100	0.000	0.000	0.000	0.000	0.000
3.150	0.000	0.000	0.000	0.000	0.000
3.200	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.300	0.000	0.000	0.000	0.000	0.000
3.350	0.000	0.000	0.000	0.000	0.000
3.400	0.000	0.000	0.000	0.000	0.000
3.450	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.550	0.000	0.000	0.000	0.000	0.000
3.600	0.000	0.000	0.000	0.000	0.000
3.650	0.000	0.000	0.000	0.000	0.000
3.700	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
3.800	0.000	0.000	0.000	0.000	0.000
3.850	0.000	0.000	0.000	0.000	0.000
3.900	0.000	0.000	0.000	0.000	0.000
3.950	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4.050	0.000	0.000	0.000	1.000	1.000
4.100	1.000	1.000	1.000	1.000	1.000
4.150	1.000	1.000	1.000	1.000	1.000
4.200	1.000	2.000	2.000	2.000	2.000
4.250	2.000	2.000	2.000	2.000	2.000
4.300	3.000	3.000	3.000	3.000	3.000
4.350	3.000	3.000	4.000	4.000	4.000
4.400	4.000	4.000	4.000	5.000	5.000
4.450	5.000	5.000	5.000	6.000	6.000
4.500	6.000	6.000	6.000	7.000	7.000
4.550	7.000	7.000	7.000	8.000	8.000
4.600	8.000	8.000	9.000	9.000	9.000
4.650	9.000	10.000	10.000	10.000	10.000
4.700	11.000	11.000	11.000	11.000	12.000
4.750	12.000	12.000	12.000	13.000	13.000
4.800	13.000	14.000	14.000	14.000	15.000
4.850	15.000	15.000	15.000	16.000	16.000
4.900	16.000	17.000	17.000	17.000	18.000
4.950	18.000	18.000	19.000	19.000	20.000
5.000	20.000	20.000	21.000	21.000	21.000
5.050	22.000	22.000	22.000	23.000	23.000
5.100	24.000	24.000	24.000	25.000	25.000
5.150	26.000	26.000	26.000	27.000	27.000
5.200	28.000	28.000	29.000	29.000	29.000
5.250	30.000	30.000	31.000	31.000	32.000
5.300	32.000	32.000	33.000	33.000	34.000
5.350	34.000	35.000	35.000	36.000	36.000
5.400	37.000	37.000	38.000	38.000	39.000
5.450	39.000	40.000	40.000	41.000	41.000
5.500	42.000	42.000	43.000	43.000	44.000
5.550	44.000	45.000	45.000	46.000	46.000
5.600	47.000	47.000	48.000	48.000	49.000
5.650	50.000	50.000	51.000	51.000	52.000
5.700	52.000	53.000	53.000	54.000	55.000
5.750	55.000	56.000	56.000	57.000	58.000
5.800	58.000	59.000	59.000	60.000	60.000
5.850	61.000	62.000	62.000	63.000	64.000
5.900	64.000	65.000	65.000	66.000	67.000
5.950	67.000	68.000	69.000	69.000	70.000
6.000	70.000	71.000	72.000	72.000	73.000
6.050	74.000	74.000	75.000	76.000	76.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
6.100	77.000	78.000	78.000	79.000	80.000
6.150	80.000	81.000	82.000	83.000	83.000
6.200	84.000	85.000	85.000	86.000	87.000
6.250	87.000	88.000	89.000	90.000	90.000
6.300	91.000	92.000	93.000	93.000	94.000
6.350	95.000	95.000	96.000	97.000	98.000
6.400	98.000	99.000	100.000	101.000	101.000
6.450	102.000	103.000	104.000	105.000	105.000
6.500	106.000	107.000	108.000	108.000	109.000
6.550	110.000	111.000	112.000	112.000	113.000
6.600	114.000	115.000	116.000	116.000	117.000
6.650	118.000	119.000	120.000	120.000	121.000
6.700	122.000	123.000	124.000	125.000	125.000
6.750	126.000	127.000	128.000	129.000	130.000
6.800	130.000	131.000	132.000	133.000	134.000
6.850	135.000	135.000	136.000	137.000	138.000
6.900	139.000	140.000	141.000	142.000	142.000
6.950	143.000	144.000	145.000	146.000	147.000
7.000	148.000	149.000	150.000	150.000	151.000
7.050	152.000	153.000	154.000	155.000	156.000
7.100	157.000	158.000	159.000	160.000	160.000
7.150	161.000	162.000	163.000	164.000	165.000
7.200	166.000	167.000	168.000	169.000	170.000
7.250	171.000	172.000	173.000	174.000	175.000
7.300	175.000	176.000	177.000	178.000	179.000
7.350	180.000	181.000	182.000	183.000	184.000
7.400	185.000	186.000	187.000	188.000	189.000
7.450	190.000	191.000	192.000	193.000	194.000
7.500	195.000	196.000	197.000	198.000	199.000
7.550	200.000	201.000	202.000	203.000	204.000
7.600	205.000	206.000	207.000	208.000	209.000
7.650	210.000	211.000	212.000	213.000	214.000
7.700	215.000	216.000	217.000	218.000	220.000
7.750	221.000	222.000	223.000	224.000	225.000
7.800	226.000	227.000	228.000	229.000	230.000
7.850	231.000	232.000	233.000	234.000	235.000
7.900	236.000	238.000	239.000	240.000	241.000
7.950	242.000	243.000	244.000	245.000	246.000
8.000	247.000	248.000	249.000	251.000	252.000
8.050	253.000	254.000	255.000	256.000	257.000
8.100	258.000	260.000	261.000	262.000	263.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
8.150	264.000	265.000	267.000	268.000	269.000
8.200	270.000	271.000	273.000	274.000	275.000
8.250	277.000	278.000	279.000	280.000	282.000
8.300	283.000	284.000	286.000	287.000	288.000
8.350	290.000	291.000	292.000	294.000	295.000
8.400	297.000	298.000	300.000	301.000	302.000
8.450	304.000	305.000	307.000	308.000	310.000
8.500	311.000	313.000	314.000	316.000	317.000
8.550	319.000	321.000	322.000	324.000	325.000
8.600	327.000	328.000	330.000	332.000	333.000
8.650	335.000	337.000	338.000	340.000	342.000
8.700	343.000	345.000	347.000	349.000	350.000
8.750	352.000	354.000	356.000	357.000	359.000
8.800	361.000	363.000	365.000	366.000	368.000
8.850	370.000	372.000	374.000	376.000	378.000
8.900	380.000	381.000	383.000	385.000	387.000
8.950	389.000	391.000	393.000	395.000	397.000
9.000	399.000	401.000	403.000	405.000	407.000
9.050	409.000	411.000	413.000	415.000	417.000
9.100	419.000	421.000	423.000	425.000	428.000
9.150	430.000	432.000	434.000	436.000	438.000
9.200	440.000	442.000	444.000	446.000	448.000
9.250	450.000	452.000	454.000	456.000	458.000
9.300	460.000	462.000	464.000	466.000	468.000
9.350	471.000	473.000	475.000	477.000	479.000
9.400	481.000	483.000	485.000	487.000	489.000
9.450	491.000	493.000	495.000	497.000	499.000
9.500	501.000	503.000	505.000	507.000	509.000
9.550	511.000	513.000	515.000	517.000	519.000
9.600	521.000	523.000	525.000	528.000	530.000
9.650	532.000	534.000	536.000	538.000	541.000
9.700	543.000	545.000	547.000	550.000	552.000
9.750	554.000	556.000	559.000	561.000	564.000
9.800	566.000	568.000	571.000	573.000	576.000
9.850	578.000	581.000	583.000	586.000	588.000
9.900	591.000	594.000	596.000	599.000	601.000
9.950	604.000	607.000	610.000	612.000	615.000
10.000	618.000	621.000	623.000	626.000	629.000
10.050	632.000	635.000	638.000	641.000	644.000
10.100	647.000	650.000	653.000	656.000	659.000
10.150	662.000	665.000	668.000	671.000	675.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.200	678.000	681.000	684.000	688.000	691.000
10.250	694.000	698.000	701.000	705.000	708.000
10.300	712.000	715.000	719.000	723.000	726.000
10.350	730.000	734.000	737.000	741.000	745.000
10.400	749.000	753.000	756.000	760.000	764.000
10.450	768.000	772.000	776.000	780.000	784.000
10.500	788.000	792.000	797.000	801.000	805.000
10.550	809.000	814.000	818.000	822.000	827.000
10.600	831.000	836.000	840.000	845.000	850.000
10.650	854.000	859.000	864.000	869.000	874.000
10.700	879.000	884.000	889.000	894.000	899.000
10.750	904.000	909.000	915.000	920.000	925.000
10.800	931.000	936.000	942.000	948.000	953.000
10.850	959.000	965.000	971.000	976.000	982.000
10.900	988.000	994.000	1,000.000	1,007.000	1,013.000
10.950	1,019.000	1,025.000	1,032.000	1,038.000	1,044.000
11.000	1,051.000	1,057.000	1,064.000	1,071.000	1,077.000
11.050	1,084.000	1,091.000	1,098.000	1,106.000	1,113.000
11.100	1,120.000	1,128.000	1,135.000	1,143.000	1,150.000
11.150	1,158.000	1,166.000	1,175.000	1,183.000	1,192.000
11.200	1,200.000	1,209.000	1,218.000	1,227.000	1,236.000
11.250	1,245.000	1,254.000	1,264.000	1,274.000	1,284.000
11.300	1,294.000	1,304.000	1,314.000	1,324.000	1,335.000
11.350	1,345.000	1,356.000	1,367.000	1,378.000	1,390.000
11.400	1,401.000	1,412.000	1,424.000	1,436.000	1,447.000
11.450	1,459.000	1,472.000	1,484.000	1,496.000	1,509.000
11.500	1,522.000	1,535.000	1,548.000	1,563.000	1,580.000
11.550	1,599.000	1,621.000	1,645.000	1,671.000	1,699.000
11.600	1,729.000	1,759.000	1,792.000	1,827.000	1,866.000
11.650	1,910.000	1,960.000	2,015.000	2,075.000	2,139.000
11.700	2,205.000	2,273.000	2,327.000	2,374.000	2,425.000
11.750	2,479.000	2,537.000	2,600.000	2,665.000	2,733.000
11.800	2,803.000	2,874.000	2,948.000	3,026.000	3,143.000
11.850	3,330.000	3,536.000	3,759.000	3,973.000	4,190.000
11.900	4,414.000	4,653.000	4,907.000	5,158.000	5,396.000
11.950	5,622.000	5,835.000	6,020.000	6,174.000	6,318.000
12.000	6,455.000	6,585.000	6,714.000	6,834.000	6,934.000
12.050	7,011.000	7,065.000	7,097.000	7,110.000	7,108.000
12.100	7,097.000	7,078.000	7,053.000	7,025.000	6,994.000
12.150	6,961.000	6,926.000	6,890.000	6,853.000	6,816.000
12.200	6,780.000	6,743.000	6,707.000	6,670.000	6,635.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.250	6,602.000	6,569.000	6,537.000	6,505.000	6,473.000
12.300	6,442.000	6,411.000	6,381.000	6,351.000	6,321.000
12.350	6,291.000	6,261.000	6,232.000	6,202.000	6,173.000
12.400	6,144.000	6,116.000	6,088.000	6,060.000	6,033.000
12.450	6,005.000	5,978.000	5,950.000	5,917.000	5,883.000
12.500	5,849.000	5,816.000	5,782.000	5,749.000	5,716.000
12.550	5,682.000	5,649.000	5,615.000	5,581.000	5,548.000
12.600	5,514.000	5,481.000	5,448.000	5,415.000	5,382.000
12.650	5,350.000	5,318.000	5,286.000	5,254.000	5,221.000
12.700	5,189.000	5,158.000	5,126.000	5,095.000	5,064.000
12.750	5,033.000	5,002.000	4,972.000	4,942.000	4,912.000
12.800	4,882.000	4,852.000	4,823.000	4,794.000	4,765.000
12.850	4,737.000	4,708.000	4,680.000	4,651.000	4,623.000
12.900	4,596.000	4,568.000	4,541.000	4,516.000	4,492.000
12.950	4,468.000	4,444.000	4,420.000	4,396.000	4,373.000
13.000	4,349.000	4,326.000	4,303.000	4,280.000	4,258.000
13.050	4,235.000	4,213.000	4,191.000	4,169.000	4,147.000
13.100	4,125.000	4,104.000	4,082.000	4,061.000	4,040.000
13.150	4,019.000	3,999.000	3,978.000	3,958.000	3,938.000
13.200	3,918.000	3,898.000	3,878.000	3,859.000	3,839.000
13.250	3,820.000	3,799.000	3,778.000	3,756.000	3,735.000
13.300	3,714.000	3,693.000	3,672.000	3,652.000	3,631.000
13.350	3,611.000	3,591.000	3,571.000	3,551.000	3,531.000
13.400	3,512.000	3,492.000	3,473.000	3,454.000	3,435.000
13.450	3,417.000	3,398.000	3,380.000	3,361.000	3,343.000
13.500	3,325.000	3,307.000	3,289.000	3,272.000	3,254.000
13.550	3,237.000	3,220.000	3,203.000	3,186.000	3,169.000
13.600	3,152.000	3,135.000	3,119.000	3,103.000	3,087.000
13.650	3,075.000	3,067.000	3,059.000	3,052.000	3,044.000
13.700	3,036.000	3,028.000	3,021.000	3,013.000	3,006.000
13.750	2,999.000	2,991.000	2,984.000	2,977.000	2,969.000
13.800	2,962.000	2,955.000	2,948.000	2,941.000	2,934.000
13.850	2,928.000	2,921.000	2,914.000	2,907.000	2,901.000
13.900	2,894.000	2,888.000	2,881.000	2,875.000	2,868.000
13.950	2,862.000	2,856.000	2,849.000	2,843.000	2,837.000
14.000	2,831.000	2,825.000	2,819.000	2,813.000	2,807.000
14.050	2,801.000	2,795.000	2,789.000	2,784.000	2,778.000
14.100	2,772.000	2,767.000	2,761.000	2,756.000	2,750.000
14.150	2,745.000	2,740.000	2,734.000	2,729.000	2,724.000
14.200	2,719.000	2,714.000	2,709.000	2,704.000	2,699.000
14.250	2,694.000	2,689.000	2,684.000	2,680.000	2,675.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
14.300	2,670.000	2,666.000	2,661.000	2,657.000	2,652.000
14.350	2,648.000	2,643.000	2,639.000	2,635.000	2,630.000
14.400	2,626.000	2,622.000	2,618.000	2,614.000	2,609.000
14.450	2,605.000	2,601.000	2,597.000	2,593.000	2,590.000
14.500	2,586.000	2,582.000	2,578.000	2,574.000	2,571.000
14.550	2,567.000	2,563.000	2,560.000	2,556.000	2,552.000
14.600	2,549.000	2,545.000	2,542.000	2,538.000	2,535.000
14.650	2,532.000	2,528.000	2,525.000	2,522.000	2,518.000
14.700	2,515.000	2,512.000	2,509.000	2,506.000	2,503.000
14.750	2,499.000	2,496.000	2,493.000	2,490.000	2,487.000
14.800	2,484.000	2,481.000	2,478.000	2,476.000	2,473.000
14.850	2,470.000	2,467.000	2,464.000	2,461.000	2,459.000
14.900	2,456.000	2,453.000	2,451.000	2,448.000	2,445.000
14.950	2,443.000	2,440.000	2,437.000	2,435.000	2,432.000
15.000	2,430.000	2,427.000	2,425.000	2,422.000	2,420.000
15.050	2,417.000	2,415.000	2,413.000	2,410.000	2,408.000
15.100	2,406.000	2,403.000	2,401.000	2,399.000	2,396.000
15.150	2,394.000	2,392.000	2,390.000	2,388.000	2,385.000
15.200	2,383.000	2,381.000	2,379.000	2,377.000	2,375.000
15.250	2,373.000	2,371.000	2,368.000	2,366.000	2,364.000
15.300	2,362.000	2,360.000	2,358.000	2,356.000	2,354.000
15.350	2,352.000	2,351.000	2,349.000	2,347.000	2,345.000
15.400	2,343.000	2,341.000	2,339.000	2,337.000	2,335.000
15.450	2,334.000	2,332.000	2,330.000	2,328.000	2,326.000
15.500	2,325.000	2,323.000	2,321.000	2,320.000	2,318.000
15.550	2,316.000	2,314.000	2,313.000	2,311.000	2,309.000
15.600	2,308.000	2,306.000	2,304.000	2,303.000	2,301.000
15.650	2,299.000	2,298.000	2,295.000	2,292.000	2,290.000
15.700	2,287.000	2,285.000	2,282.000	2,280.000	2,277.000
15.750	2,274.000	2,272.000	2,269.000	2,266.000	2,264.000
15.800	2,261.000	2,258.000	2,256.000	2,253.000	2,250.000
15.850	2,248.000	2,245.000	2,242.000	2,240.000	2,237.000
15.900	2,234.000	2,231.000	2,229.000	2,226.000	2,223.000
15.950	2,220.000	2,218.000	2,215.000	2,212.000	2,209.000
16.000	2,206.000	2,204.000	2,201.000	2,198.000	2,195.000
16.050	2,192.000	2,189.000	2,187.000	2,184.000	2,181.000
16.100	2,178.000	2,175.000	2,172.000	2,169.000	2,167.000
16.150	2,164.000	2,161.000	2,158.000	2,155.000	2,152.000
16.200	2,150.000	2,147.000	2,144.000	2,141.000	2,138.000
16.250	2,135.000	2,133.000	2,130.000	2,127.000	2,124.000
16.300	2,121.000	2,118.000	2,116.000	2,113.000	2,110.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
16.350	2,107.000	2,104.000	2,102.000	2,099.000	2,096.000
16.400	2,093.000	2,090.000	2,088.000	2,085.000	2,082.000
16.450	2,079.000	2,076.000	2,074.000	2,071.000	2,068.000
16.500	2,065.000	2,062.000	2,060.000	2,057.000	2,054.000
16.550	2,051.000	2,049.000	2,046.000	2,043.000	2,040.000
16.600	2,037.000	2,035.000	2,032.000	2,029.000	2,026.000
16.650	2,024.000	2,021.000	2,018.000	2,015.000	2,012.000
16.700	2,010.000	2,007.000	2,004.000	2,002.000	1,999.000
16.750	1,996.000	1,993.000	1,991.000	1,988.000	1,985.000
16.800	1,982.000	1,980.000	1,977.000	1,974.000	1,971.000
16.850	1,969.000	1,966.000	1,963.000	1,960.000	1,958.000
16.900	1,955.000	1,952.000	1,949.000	1,947.000	1,944.000
16.950	1,941.000	1,939.000	1,936.000	1,933.000	1,930.000
17.000	1,928.000	1,925.000	1,922.000	1,920.000	1,917.000
17.050	1,914.000	1,912.000	1,909.000	1,906.000	1,904.000
17.100	1,901.000	1,898.000	1,896.000	1,893.000	1,890.000
17.150	1,888.000	1,885.000	1,882.000	1,880.000	1,877.000
17.200	1,874.000	1,872.000	1,869.000	1,867.000	1,864.000
17.250	1,861.000	1,859.000	1,856.000	1,854.000	1,851.000
17.300	1,849.000	1,846.000	1,843.000	1,841.000	1,838.000
17.350	1,836.000	1,833.000	1,831.000	1,828.000	1,826.000
17.400	1,823.000	1,820.000	1,818.000	1,815.000	1,813.000
17.450	1,810.000	1,808.000	1,805.000	1,803.000	1,800.000
17.500	1,798.000	1,795.000	1,793.000	1,790.000	1,788.000
17.550	1,785.000	1,783.000	1,781.000	1,778.000	1,776.000
17.600	1,773.000	1,771.000	1,768.000	1,766.000	1,763.000
17.650	1,761.000	1,758.000	1,756.000	1,754.000	1,751.000
17.700	1,749.000	1,746.000	1,744.000	1,742.000	1,739.000
17.750	1,737.000	1,734.000	1,732.000	1,730.000	1,727.000
17.800	1,725.000	1,722.000	1,720.000	1,718.000	1,715.000
17.850	1,713.000	1,711.000	1,708.000	1,706.000	1,703.000
17.900	1,701.000	1,699.000	1,696.000	1,694.000	1,692.000
17.950	1,689.000	1,687.000	1,685.000	1,682.000	1,680.000
18.000	1,678.000	1,675.000	1,673.000	1,671.000	1,669.000
18.050	1,666.000	1,664.000	1,662.000	1,659.000	1,657.000
18.100	1,655.000	1,653.000	1,650.000	1,648.000	1,646.000
18.150	1,643.000	1,641.000	1,639.000	1,637.000	1,634.000
18.200	1,632.000	1,630.000	1,628.000	1,625.000	1,623.000
18.250	1,621.000	1,619.000	1,616.000	1,614.000	1,612.000
18.300	1,610.000	1,608.000	1,605.000	1,603.000	1,601.000
18.350	1,599.000	1,596.000	1,594.000	1,592.000	1,590.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
18.400	1,588.000	1,585.000	1,583.000	1,581.000	1,579.000
18.450	1,577.000	1,575.000	1,572.000	1,570.000	1,568.000
18.500	1,566.000	1,564.000	1,562.000	1,559.000	1,557.000
18.550	1,555.000	1,553.000	1,551.000	1,549.000	1,547.000
18.600	1,544.000	1,542.000	1,540.000	1,538.000	1,536.000
18.650	1,534.000	1,532.000	1,529.000	1,527.000	1,525.000
18.700	1,523.000	1,521.000	1,519.000	1,517.000	1,515.000
18.750	1,513.000	1,510.000	1,508.000	1,506.000	1,504.000
18.800	1,502.000	1,500.000	1,498.000	1,496.000	1,494.000
18.850	1,492.000	1,490.000	1,488.000	1,485.000	1,483.000
18.900	1,481.000	1,479.000	1,477.000	1,475.000	1,473.000
18.950	1,471.000	1,469.000	1,467.000	1,465.000	1,463.000
19.000	1,461.000	1,459.000	1,457.000	1,455.000	1,453.000
19.050	1,451.000	1,449.000	1,447.000	1,445.000	1,443.000
19.100	1,440.000	1,438.000	1,436.000	1,434.000	1,432.000
19.150	1,430.000	1,428.000	1,426.000	1,424.000	1,422.000
19.200	1,420.000	1,418.000	1,416.000	1,414.000	1,412.000
19.250	1,410.000	1,408.000	1,406.000	1,404.000	1,402.000
19.300	1,401.000	1,399.000	1,397.000	1,395.000	1,393.000
19.350	1,391.000	1,389.000	1,387.000	1,385.000	1,383.000
19.400	1,381.000	1,379.000	1,377.000	1,375.000	1,373.000
19.450	1,371.000	1,369.000	1,367.000	1,365.000	1,363.000
19.500	1,361.000	1,359.000	1,358.000	1,356.000	1,354.000
19.550	1,352.000	1,350.000	1,348.000	1,346.000	1,344.000
19.600	1,342.000	1,340.000	1,338.000	1,336.000	1,334.000
19.650	1,332.000	1,331.000	1,329.000	1,327.000	1,325.000
19.700	1,323.000	1,321.000	1,319.000	1,317.000	1,315.000
19.750	1,313.000	1,312.000	1,310.000	1,308.000	1,306.000
19.800	1,304.000	1,302.000	1,300.000	1,298.000	1,296.000
19.850	1,295.000	1,293.000	1,291.000	1,289.000	1,287.000
19.900	1,285.000	1,283.000	1,282.000	1,280.000	1,278.000
19.950	1,276.000	1,274.000	1,272.000	1,270.000	1,268.000
20.000	1,267.000	1,265.000	1,263.000	1,261.000	1,259.000
20.050	1,257.000	1,256.000	1,254.000	1,252.000	1,250.000
20.100	1,248.000	1,246.000	1,245.000	1,243.000	1,241.000
20.150	1,239.000	1,237.000	1,236.000	1,234.000	1,232.000
20.200	1,230.000	1,229.000	1,227.000	1,225.000	1,223.000
20.250	1,222.000	1,220.000	1,218.000	1,216.000	1,215.000
20.300	1,213.000	1,211.000	1,209.000	1,208.000	1,206.000
20.350	1,204.000	1,203.000	1,201.000	1,199.000	1,198.000
20.400	1,196.000	1,194.000	1,193.000	1,191.000	1,189.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.450	1,188.000	1,186.000	1,184.000	1,183.000	1,181.000
20.500	1,180.000	1,178.000	1,176.000	1,175.000	1,173.000
20.550	1,172.000	1,170.000	1,168.000	1,167.000	1,165.000
20.600	1,164.000	1,162.000	1,160.000	1,159.000	1,157.000
20.650	1,156.000	1,154.000	1,153.000	1,151.000	1,150.000
20.700	1,148.000	1,147.000	1,145.000	1,144.000	1,142.000
20.750	1,141.000	1,139.000	1,138.000	1,136.000	1,135.000
20.800	1,133.000	1,132.000	1,130.000	1,129.000	1,127.000
20.850	1,126.000	1,124.000	1,123.000	1,121.000	1,120.000
20.900	1,119.000	1,117.000	1,116.000	1,114.000	1,113.000
20.950	1,111.000	1,110.000	1,109.000	1,107.000	1,106.000
21.000	1,104.000	1,103.000	1,102.000	1,100.000	1,099.000
21.050	1,097.000	1,096.000	1,095.000	1,093.000	1,092.000
21.100	1,091.000	1,089.000	1,088.000	1,087.000	1,085.000
21.150	1,084.000	1,083.000	1,081.000	1,080.000	1,079.000
21.200	1,077.000	1,076.000	1,075.000	1,073.000	1,072.000
21.250	1,071.000	1,069.000	1,068.000	1,067.000	1,065.000
21.300	1,064.000	1,063.000	1,062.000	1,060.000	1,059.000
21.350	1,058.000	1,057.000	1,055.000	1,054.000	1,053.000
21.400	1,052.000	1,050.000	1,049.000	1,048.000	1,047.000
21.450	1,045.000	1,044.000	1,043.000	1,042.000	1,040.000
21.500	1,039.000	1,038.000	1,037.000	1,036.000	1,034.000
21.550	1,033.000	1,032.000	1,031.000	1,030.000	1,028.000
21.600	1,027.000	1,026.000	1,025.000	1,024.000	1,023.000
21.650	1,021.000	1,020.000	1,019.000	1,018.000	1,017.000
21.700	1,016.000	1,015.000	1,013.000	1,012.000	1,011.000
21.750	1,010.000	1,009.000	1,008.000	1,007.000	1,005.000
21.800	1,004.000	1,003.000	1,002.000	1,001.000	1,000.000
21.850	999.000	998.000	997.000	995.000	994.000
21.900	993.000	992.000	991.000	990.000	989.000
21.950	988.000	987.000	986.000	985.000	984.000
22.000	983.000	982.000	980.000	979.000	978.000
22.050	977.000	976.000	975.000	974.000	973.000
22.100	972.000	971.000	970.000	969.000	968.000
22.150	967.000	966.000	965.000	964.000	963.000
22.200	962.000	961.000	960.000	959.000	958.000
22.250	957.000	956.000	955.000	954.000	953.000
22.300	952.000	951.000	950.000	949.000	948.000
22.350	947.000	946.000	945.000	944.000	943.000
22.400	942.000	941.000	940.000	939.000	939.000
22.450	938.000	937.000	936.000	935.000	934.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
22.500	933.000	932.000	931.000	930.000	929.000
22.550	928.000	927.000	926.000	926.000	925.000
22.600	924.000	923.000	922.000	921.000	920.000
22.650	919.000	918.000	917.000	917.000	916.000
22.700	915.000	914.000	913.000	912.000	911.000
22.750	910.000	909.000	909.000	908.000	907.000
22.800	906.000	905.000	904.000	903.000	903.000
22.850	902.000	901.000	900.000	899.000	898.000
22.900	897.000	897.000	896.000	895.000	894.000
22.950	893.000	892.000	892.000	891.000	890.000
23.000	889.000	888.000	888.000	887.000	886.000
23.050	885.000	884.000	883.000	883.000	882.000
23.100	881.000	880.000	879.000	879.000	878.000
23.150	877.000	876.000	875.000	875.000	874.000
23.200	873.000	872.000	871.000	871.000	870.000
23.250	869.000	868.000	868.000	867.000	866.000
23.300	865.000	864.000	864.000	863.000	862.000
23.350	861.000	861.000	860.000	859.000	858.000
23.400	858.000	857.000	856.000	855.000	855.000
23.450	854.000	853.000	852.000	852.000	851.000
23.500	850.000	850.000	849.000	848.000	847.000
23.550	847.000	846.000	845.000	844.000	844.000
23.600	843.000	842.000	842.000	841.000	840.000
23.650	839.000	839.000	838.000	837.000	837.000
23.700	836.000	835.000	834.000	834.000	833.000
23.750	832.000	832.000	831.000	830.000	830.000
23.800	829.000	828.000	828.000	827.000	826.000
23.850	826.000	825.000	824.000	823.000	823.000
23.900	822.000	821.000	821.000	820.000	819.000
23.950	819.000	818.000	817.000	817.000	816.000
24.000	815.000	815.000	814.000	813.000	812.000
24.050	811.000	809.000	807.000	805.000	803.000
24.100	800.000	798.000	795.000	792.000	790.000
24.150	787.000	784.000	781.000	779.000	776.000
24.200	773.000	770.000	767.000	765.000	762.000
24.250	759.000	757.000	754.000	751.000	748.000
24.300	746.000	743.000	740.000	738.000	735.000
24.350	732.000	730.000	727.000	725.000	722.000
24.400	719.000	717.000	714.000	712.000	709.000
24.450	707.000	704.000	701.000	699.000	696.000
24.500	694.000	691.000	689.000	686.000	684.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
24.550	682.000	679.000	677.000	674.000	672.000
24.600	669.000	667.000	665.000	662.000	660.000
24.650	657.000	655.000	653.000	650.000	648.000
24.700	646.000	643.000	641.000	639.000	636.000
24.750	634.000	632.000	630.000	627.000	625.000
24.800	623.000	621.000	618.000	616.000	614.000
24.850	612.000	610.000	607.000	605.000	603.000
24.900	601.000	599.000	597.000	594.000	592.000
24.950	590.000	588.000	586.000	584.000	582.000
25.000	580.000	578.000	575.000	573.000	571.000
25.050	569.000	567.000	565.000	563.000	561.000
25.100	559.000	557.000	555.000	553.000	551.000
25.150	549.000	547.000	545.000	543.000	541.000
25.200	539.000	537.000	536.000	534.000	532.000
25.250	530.000	528.000	526.000	524.000	522.000
25.300	520.000	518.000	517.000	515.000	513.000
25.350	511.000	509.000	507.000	506.000	504.000
25.400	502.000	500.000	498.000	497.000	495.000
25.450	493.000	491.000	489.000	488.000	486.000
25.500	484.000	482.000	481.000	479.000	477.000
25.550	476.000	474.000	472.000	470.000	469.000
25.600	467.000	465.000	464.000	462.000	460.000
25.650	459.000	457.000	455.000	454.000	452.000
25.700	451.000	449.000	447.000	446.000	444.000
25.750	443.000	441.000	439.000	438.000	436.000
25.800	435.000	433.000	432.000	430.000	428.000
25.850	427.000	425.000	424.000	422.000	421.000
25.900	419.000	418.000	416.000	415.000	413.000
25.950	412.000	410.000	409.000	407.000	406.000
26.000	404.000	403.000	402.000	400.000	399.000
26.050	397.000	396.000	394.000	393.000	392.000
26.100	390.000	389.000	387.000	386.000	385.000
26.150	383.000	382.000	380.000	379.000	378.000
26.200	376.000	375.000	374.000	372.000	371.000
26.250	370.000	368.000	367.000	366.000	364.000
26.300	363.000	362.000	360.000	359.000	358.000
26.350	357.000	355.000	354.000	353.000	351.000
26.400	350.000	349.000	348.000	346.000	345.000
26.450	344.000	343.000	342.000	340.000	339.000
26.500	338.000	337.000	335.000	334.000	333.000
26.550	332.000	331.000	329.000	328.000	327.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
26.600	326.000	325.000	324.000	322.000	321.000
26.650	320.000	319.000	318.000	317.000	316.000
26.700	314.000	313.000	312.000	311.000	310.000
26.750	309.000	308.000	307.000	305.000	304.000
26.800	303.000	302.000	301.000	300.000	299.000
26.850	298.000	297.000	296.000	295.000	294.000
26.900	293.000	292.000	290.000	289.000	288.000
26.950	287.000	286.000	285.000	284.000	283.000
27.000	282.000	281.000	280.000	279.000	278.000
27.050	277.000	276.000	275.000	274.000	273.000
27.100	272.000	271.000	270.000	269.000	268.000
27.150	267.000	266.000	265.000	265.000	264.000
27.200	263.000	262.000	261.000	260.000	259.000
27.250	258.000	257.000	256.000	255.000	254.000
27.300	253.000	252.000	252.000	251.000	250.000
27.350	249.000	248.000	247.000	246.000	245.000
27.400	244.000	244.000	243.000	242.000	241.000
27.450	240.000	239.000	238.000	237.000	237.000
27.500	236.000	235.000	234.000	233.000	232.000
27.550	232.000	231.000	230.000	229.000	228.000
27.600	227.000	227.000	226.000	225.000	224.000
27.650	223.000	223.000	222.000	221.000	220.000
27.700	219.000	219.000	218.000	217.000	216.000
27.750	215.000	215.000	214.000	213.000	212.000
27.800	212.000	211.000	210.000	209.000	209.000
27.850	208.000	207.000	206.000	206.000	205.000
27.900	204.000	203.000	203.000	202.000	201.000
27.950	201.000	200.000	199.000	198.000	198.000
28.000	197.000	196.000	196.000	195.000	194.000
28.050	193.000	193.000	192.000	191.000	191.000
28.100	190.000	189.000	189.000	188.000	187.000
28.150	187.000	186.000	185.000	185.000	184.000
28.200	183.000	183.000	182.000	181.000	181.000
28.250	180.000	179.000	179.000	178.000	177.000
28.300	177.000	176.000	176.000	175.000	174.000
28.350	174.000	173.000	172.000	172.000	171.000
28.400	171.000	170.000	169.000	169.000	168.000
28.450	167.000	167.000	166.000	166.000	165.000
28.500	164.000	164.000	163.000	163.000	162.000
28.550	162.000	161.000	160.000	160.000	159.000
28.600	159.000	158.000	158.000	157.000	156.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
28.650	156.000	155.000	155.000	154.000	154.000
28.700	153.000	153.000	152.000	151.000	151.000
28.750	150.000	150.000	149.000	149.000	148.000
28.800	148.000	147.000	147.000	146.000	146.000
28.850	145.000	145.000	144.000	143.000	143.000
28.900	142.000	142.000	141.000	141.000	140.000
28.950	140.000	139.000	139.000	138.000	138.000
29.000	137.000	137.000	136.000	136.000	135.000
29.050	135.000	134.000	134.000	134.000	133.000
29.100	133.000	132.000	132.000	131.000	131.000
29.150	130.000	130.000	129.000	129.000	128.000
29.200	128.000	127.000	127.000	126.000	126.000
29.250	126.000	125.000	125.000	124.000	124.000
29.300	123.000	123.000	122.000	122.000	122.000
29.350	121.000	121.000	120.000	120.000	119.000
29.400	119.000	119.000	118.000	118.000	117.000
29.450	117.000	116.000	116.000	116.000	115.000
29.500	115.000	114.000	114.000	114.000	113.000
29.550	113.000	112.000	112.000	112.000	111.000
29.600	111.000	110.000	110.000	110.000	109.000
29.650	109.000	108.000	108.000	108.000	107.000
29.700	107.000	106.000	106.000	106.000	105.000
29.750	105.000	105.000	104.000	104.000	103.000
29.800	103.000	103.000	102.000	102.000	102.000
29.850	101.000	101.000	100.000	100.000	100.000
29.900	99.000	99.000	99.000	98.000	98.000
29.950	98.000	97.000	97.000	97.000	96.000
30.000	96.000	96.000	95.000	95.000	95.000
30.050	94.000	94.000	93.000	93.000	93.000
30.100	92.000	92.000	92.000	91.000	91.000
30.150	91.000	91.000	90.000	90.000	90.000
30.200	89.000	89.000	89.000	88.000	88.000
30.250	88.000	87.000	87.000	87.000	86.000
30.300	86.000	86.000	85.000	85.000	85.000
30.350	85.000	84.000	84.000	84.000	83.000
30.400	83.000	83.000	82.000	82.000	82.000
30.450	82.000	81.000	81.000	81.000	80.000
30.500	80.000	80.000	80.000	79.000	79.000
30.550	79.000	78.000	78.000	78.000	78.000
30.600	77.000	77.000	77.000	76.000	76.000
30.650	76.000	76.000	75.000	75.000	75.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.700	75.000	74.000	74.000	74.000	73.000
30.750	73.000	73.000	73.000	72.000	72.000
30.800	72.000	72.000	71.000	71.000	71.000
30.850	71.000	70.000	70.000	70.000	70.000
30.900	69.000	69.000	69.000	69.000	68.000
30.950	68.000	68.000	68.000	67.000	67.000
31.000	67.000	67.000	66.000	66.000	66.000
31.050	66.000	65.000	65.000	65.000	65.000
31.100	65.000	64.000	64.000	64.000	64.000
31.150	63.000	63.000	63.000	63.000	62.000
31.200	62.000	62.000	62.000	62.000	61.000
31.250	61.000	61.000	61.000	60.000	60.000
31.300	60.000	60.000	60.000	59.000	59.000
31.350	59.000	59.000	59.000	58.000	58.000
31.400	58.000	58.000	58.000	57.000	57.000
31.450	57.000	57.000	56.000	56.000	56.000
31.500	56.000	56.000	55.000	55.000	55.000
31.550	55.000	55.000	54.000	54.000	54.000
31.600	54.000	54.000	54.000	53.000	53.000
31.650	53.000	53.000	53.000	52.000	52.000
31.700	52.000	52.000	52.000	51.000	51.000
31.750	51.000	51.000	51.000	51.000	50.000
31.800	50.000	50.000	50.000	50.000	49.000
31.850	49.000	49.000	49.000	49.000	49.000
31.900	48.000	48.000	48.000	48.000	48.000
31.950	48.000	47.000	47.000	47.000	47.000
32.000	47.000	47.000	46.000	46.000	46.000
32.050	46.000	46.000	46.000	45.000	45.000
32.100	45.000	45.000	45.000	45.000	44.000
32.150	44.000	44.000	44.000	44.000	44.000
32.200	43.000	43.000	43.000	43.000	43.000
32.250	43.000	43.000	42.000	42.000	42.000
32.300	42.000	42.000	42.000	41.000	41.000
32.350	41.000	41.000	41.000	41.000	41.000
32.400	40.000	40.000	40.000	40.000	40.000
32.450	40.000	40.000	39.000	39.000	39.000
32.500	39.000	39.000	39.000	39.000	38.000
32.550	38.000	38.000	38.000	38.000	38.000
32.600	38.000	37.000	37.000	37.000	37.000
32.650	37.000	37.000	37.000	37.000	36.000
32.700	36.000	36.000	36.000	36.000	36.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
32.750	36.000	36.000	35.000	35.000	35.000
32.800	35.000	35.000	35.000	35.000	35.000
32.850	34.000	34.000	34.000	34.000	34.000
32.900	34.000	34.000	34.000	33.000	33.000
32.950	33.000	33.000	33.000	33.000	33.000
33.000	33.000	32.000	32.000	32.000	32.000
33.050	32.000	32.000	32.000	32.000	32.000
33.100	31.000	31.000	31.000	31.000	31.000
33.150	31.000	31.000	31.000	31.000	30.000
33.200	30.000	30.000	30.000	30.000	30.000
33.250	30.000	30.000	30.000	29.000	29.000
33.300	29.000	29.000	29.000	29.000	29.000
33.350	29.000	29.000	29.000	28.000	28.000
33.400	28.000	28.000	28.000	28.000	28.000
33.450	28.000	28.000	28.000	27.000	27.000
33.500	27.000	27.000	27.000	27.000	27.000
33.550	27.000	27.000	27.000	26.000	26.000
33.600	26.000	26.000	26.000	26.000	26.000
33.650	26.000	26.000	26.000	26.000	25.000
33.700	25.000	25.000	25.000	25.000	25.000
33.750	25.000	25.000	25.000	25.000	25.000
33.800	24.000	24.000	24.000	24.000	24.000
33.850	24.000	24.000	24.000	24.000	24.000
33.900	24.000	23.000	23.000	23.000	23.000
33.950	23.000	23.000	23.000	23.000	23.000
34.000	23.000	23.000	23.000	22.000	22.000
34.050	22.000	22.000	22.000	22.000	22.000
34.100	22.000	22.000	22.000	22.000	22.000
34.150	22.000	21.000	21.000	21.000	21.000
34.200	21.000	21.000	21.000	21.000	21.000
34.250	21.000	21.000	21.000	21.000	20.000
34.300	20.000	20.000	20.000	20.000	20.000
34.350	20.000	20.000	20.000	20.000	20.000
34.400	20.000	20.000	20.000	19.000	19.000
34.450	19.000	19.000	19.000	19.000	19.000
34.500	19.000	19.000	19.000	19.000	19.000
34.550	19.000	19.000	19.000	18.000	18.000
34.600	18.000	18.000	18.000	18.000	18.000
34.650	18.000	18.000	18.000	18.000	18.000
34.700	18.000	18.000	18.000	17.000	17.000
34.750	17.000	17.000	17.000	17.000	17.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
34.800	17.000	17.000	17.000	17.000	17.000
34.850	17.000	17.000	17.000	17.000	17.000
34.900	16.000	16.000	16.000	16.000	16.000
34.950	16.000	16.000	16.000	16.000	16.000
35.000	16.000	16.000	16.000	16.000	16.000
35.050	16.000	16.000	15.000	15.000	15.000
35.100	15.000	15.000	15.000	15.000	15.000
35.150	15.000	15.000	15.000	15.000	15.000
35.200	15.000	15.000	15.000	15.000	15.000
35.250	14.000	14.000	14.000	14.000	14.000
35.300	14.000	14.000	14.000	14.000	14.000
35.350	14.000	14.000	14.000	14.000	14.000
35.400	14.000	14.000	14.000	14.000	14.000
35.450	13.000	13.000	13.000	13.000	13.000
35.500	13.000	13.000	13.000	13.000	13.000
35.550	13.000	13.000	13.000	13.000	13.000
35.600	13.000	13.000	13.000	13.000	13.000
35.650	13.000	13.000	12.000	12.000	12.000
35.700	12.000	12.000	12.000	12.000	12.000
35.750	12.000	12.000	12.000	12.000	12.000
35.800	12.000	12.000	12.000	12.000	12.000
35.850	12.000	12.000	12.000	12.000	12.000
35.900	11.000	11.000	11.000	11.000	11.000
35.950	11.000	11.000	11.000	11.000	11.000
36.000	11.000	11.000	11.000	11.000	11.000
36.050	11.000	11.000	11.000	11.000	11.000
36.100	11.000	11.000	11.000	11.000	11.000
36.150	10.000	10.000	10.000	10.000	10.000
36.200	10.000	10.000	10.000	10.000	10.000
36.250	10.000	10.000	10.000	10.000	10.000
36.300	10.000	10.000	10.000	10.000	10.000
36.350	10.000	10.000	10.000	10.000	10.000
36.400	10.000	10.000	10.000	9.000	9.000
36.450	9.000	9.000	9.000	9.000	9.000
36.500	9.000	9.000	9.000	9.000	9.000
36.550	9.000	9.000	9.000	9.000	9.000
36.600	9.000	9.000	9.000	9.000	9.000
36.650	9.000	9.000	9.000	9.000	9.000
36.700	9.000	9.000	9.000	9.000	8.000
36.750	8.000	8.000	8.000	8.000	8.000
36.800	8.000	8.000	8.000	8.000	8.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
36.850	8.000	8.000	8.000	8.000	8.000
36.900	8.000	8.000	8.000	8.000	8.000
36.950	8.000	8.000	8.000	8.000	8.000
37.000	8.000	8.000	8.000	8.000	8.000
37.050	8.000	8.000	8.000	8.000	7.000
37.100	7.000	7.000	7.000	7.000	7.000
37.150	7.000	7.000	7.000	7.000	7.000
37.200	7.000	7.000	7.000	7.000	7.000
37.250	7.000	7.000	7.000	7.000	7.000
37.300	7.000	7.000	7.000	7.000	7.000
37.350	7.000	7.000	7.000	7.000	7.000
37.400	7.000	7.000	7.000	7.000	7.000
37.450	7.000	7.000	7.000	6.000	6.000
37.500	6.000	6.000	6.000	6.000	6.000
37.550	6.000	6.000	6.000	6.000	6.000
37.600	6.000	6.000	6.000	6.000	6.000
37.650	6.000	6.000	6.000	6.000	6.000
37.700	6.000	6.000	6.000	6.000	6.000
37.750	6.000	6.000	6.000	6.000	6.000
37.800	6.000	6.000	6.000	6.000	6.000
37.850	6.000	6.000	6.000	6.000	6.000
37.900	6.000	6.000	6.000	6.000	6.000
37.950	5.000	5.000	5.000	5.000	5.000
38.000	5.000	5.000	5.000	5.000	5.000
38.050	5.000	5.000	5.000	5.000	5.000
38.100	5.000	5.000	5.000	5.000	5.000
38.150	5.000	5.000	5.000	5.000	5.000
38.200	5.000	5.000	5.000	5.000	5.000
38.250	5.000	5.000	5.000	5.000	5.000
38.300	5.000	5.000	5.000	5.000	5.000
38.350	5.000	5.000	5.000	5.000	5.000
38.400	5.000	5.000	5.000	5.000	5.000
38.450	5.000	5.000	5.000	5.000	5.000
38.500	5.000	4.000	4.000	4.000	4.000
38.550	4.000	4.000	4.000	4.000	4.000
38.600	4.000	4.000	4.000	4.000	4.000
38.650	4.000	4.000	4.000	4.000	4.000
38.700	4.000	4.000	4.000	4.000	4.000
38.750	4.000	4.000	4.000	4.000	4.000
38.800	4.000	4.000	4.000	4.000	4.000
38.850	4.000	4.000	4.000	4.000	4.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
38.900	4.000	4.000	4.000	4.000	4.000
38.950	4.000	4.000	4.000	4.000	4.000
39.000	4.000	4.000	4.000	4.000	4.000
39.050	4.000	4.000	4.000	4.000	4.000
39.100	4.000	4.000	4.000	4.000	4.000
39.150	4.000	4.000	4.000	4.000	4.000
39.200	3.000	3.000	3.000	3.000	3.000
39.250	3.000	3.000	3.000	3.000	3.000
39.300	3.000	3.000	3.000	3.000	3.000
39.350	3.000	3.000	3.000	3.000	3.000
39.400	3.000	3.000	3.000	3.000	3.000
39.450	3.000	3.000	3.000	3.000	3.000
39.500	3.000	3.000	3.000	3.000	3.000
39.550	3.000	3.000	3.000	3.000	3.000
39.600	3.000	3.000	3.000	3.000	3.000
39.650	3.000	3.000	3.000	3.000	3.000
39.700	3.000	3.000	3.000	3.000	3.000
39.750	3.000	3.000	3.000	3.000	3.000
39.800	3.000	3.000	3.000	3.000	3.000
39.850	3.000	3.000	3.000	3.000	3.000
39.900	3.000	3.000	3.000	3.000	3.000
39.950	3.000	3.000	3.000	3.000	3.000
40.000	3.000	3.000	3.000	3.000	3.000
40.050	3.000	3.000	3.000	3.000	3.000
40.100	3.000	3.000	3.000	3.000	2.000
40.150	2.000	2.000	2.000	2.000	2.000
40.200	2.000	2.000	2.000	2.000	2.000
40.250	2.000	2.000	2.000	2.000	2.000
40.300	2.000	2.000	2.000	2.000	2.000
40.350	2.000	2.000	2.000	2.000	2.000
40.400	2.000	2.000	2.000	2.000	2.000
40.450	2.000	2.000	2.000	2.000	2.000
40.500	2.000	2.000	2.000	2.000	2.000
40.550	2.000	2.000	2.000	2.000	2.000
40.600	2.000	2.000	2.000	2.000	2.000
40.650	2.000	2.000	2.000	2.000	2.000
40.700	2.000	2.000	2.000	2.000	2.000
40.750	2.000	2.000	2.000	2.000	2.000
40.800	2.000	2.000	2.000	2.000	2.000
40.850	2.000	2.000	2.000	2.000	2.000
40.900	2.000	2.000	2.000	2.000	2.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
40.950	2.000	2.000	2.000	2.000	2.000
41.000	2.000	2.000	2.000	2.000	2.000
41.050	2.000	2.000	2.000	2.000	2.000
41.100	2.000	2.000	2.000	2.000	2.000
41.150	2.000	2.000	2.000	2.000	2.000
41.200	2.000	2.000	2.000	2.000	2.000
41.250	2.000	2.000	2.000	2.000	2.000
41.300	2.000	2.000	2.000	2.000	2.000
41.350	2.000	2.000	2.000	2.000	2.000
41.400	2.000	2.000	2.000	2.000	2.000
41.450	2.000	2.000	2.000	2.000	2.000
41.500	2.000	2.000	2.000	2.000	2.000
41.550	2.000	1.000	1.000	1.000	1.000
41.600	1.000	1.000	1.000	1.000	1.000
41.650	1.000	1.000	1.000	1.000	1.000
41.700	1.000	1.000	1.000	1.000	1.000
41.750	1.000	1.000	1.000	1.000	1.000
41.800	1.000	1.000	1.000	1.000	1.000
41.850	1.000	1.000	1.000	1.000	1.000
41.900	1.000	1.000	1.000	1.000	1.000
41.950	1.000	1.000	1.000	1.000	1.000
42.000	1.000	1.000	1.000	1.000	1.000
42.050	1.000	1.000	1.000	1.000	1.000
42.100	1.000	1.000	1.000	1.000	1.000
42.150	1.000	1.000	1.000	1.000	1.000
42.200	1.000	1.000	1.000	1.000	1.000
42.250	1.000	1.000	1.000	1.000	1.000
42.300	1.000	1.000	1.000	1.000	1.000
42.350	1.000	1.000	1.000	1.000	1.000
42.400	1.000	1.000	1.000	1.000	1.000
42.450	1.000	1.000	1.000	1.000	1.000
42.500	1.000	1.000	1.000	1.000	1.000
42.550	1.000	1.000	1.000	1.000	1.000
42.600	1.000	1.000	1.000	1.000	1.000
42.650	1.000	1.000	1.000	1.000	1.000
42.700	1.000	1.000	1.000	1.000	1.000
42.750	1.000	1.000	1.000	1.000	1.000
42.800	1.000	1.000	1.000	1.000	1.000
42.850	1.000	1.000	1.000	1.000	1.000
42.900	1.000	1.000	1.000	1.000	1.000
42.950	1.000	1.000	1.000	1.000	1.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
43.000	1.000	1.000	1.000	1.000	1.000
43.050	1.000	1.000	1.000	1.000	1.000
43.100	1.000	1.000	1.000	1.000	1.000
43.150	1.000	1.000	1.000	1.000	1.000
43.200	1.000	1.000	1.000	1.000	1.000
43.250	1.000	1.000	1.000	1.000	1.000
43.300	1.000	1.000	1.000	1.000	1.000
43.350	1.000	1.000	1.000	1.000	1.000
43.400	1.000	1.000	1.000	1.000	1.000
43.450	1.000	1.000	1.000	1.000	1.000
43.500	1.000	1.000	1.000	1.000	1.000
43.550	1.000	1.000	1.000	1.000	1.000
43.600	1.000	1.000	1.000	1.000	1.000
43.650	1.000	1.000	1.000	1.000	1.000
43.700	1.000	1.000	1.000	1.000	1.000
43.750	1.000	1.000	1.000	1.000	1.000
43.800	1.000	1.000	1.000	1.000	1.000
43.850	1.000	1.000	1.000	1.000	1.000
43.900	1.000	1.000	1.000	1.000	1.000
43.950	1.000	1.000	1.000	1.000	1.000
44.000	1.000	1.000	1.000	1.000	1.000
44.050	1.000	1.000	1.000	1.000	1.000
44.100	1.000	1.000	1.000	1.000	1.000
44.150	1.000	1.000	1.000	1.000	1.000
44.200	1.000	1.000	1.000	1.000	1.000
44.250	1.000	1.000	1.000	1.000	1.000
44.300	1.000	1.000	1.000	1.000	1.000
44.350	1.000	1.000	1.000	1.000	1.000
44.400	1.000	1.000	1.000	1.000	1.000
44.450	1.000	1.000	1.000	1.000	1.000
44.500	1.000	1.000	1.000	1.000	1.000
44.550	1.000	1.000	1.000	1.000	1.000
44.600	1.000	0.000	0.000	0.000	0.000
44.650	0.000	0.000	0.000	0.000	0.000
44.700	0.000	0.000	0.000	0.000	0.000
44.750	0.000	0.000	0.000	0.000	0.000
44.800	0.000	0.000	0.000	0.000	0.000
44.850	0.000	0.000	0.000	0.000	0.000
44.900	0.000	0.000	0.000	0.000	0.000
44.950	0.000	0.000	0.000	0.000	0.000
45.000	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
45.050	0.000	0.000	0.000	0.000	0.000
45.100	0.000	0.000	0.000	0.000	0.000
45.150	0.000	0.000	0.000	0.000	0.000
45.200	0.000	0.000	0.000	0.000	0.000
45.250	0.000	0.000	0.000	0.000	0.000
45.300	0.000	0.000	0.000	0.000	0.000
45.350	0.000	0.000	0.000	0.000	0.000
45.400	0.000	0.000	0.000	0.000	0.000
45.450	0.000	0.000	0.000	0.000	0.000
45.500	0.000	0.000	0.000	0.000	0.000
45.550	0.000	0.000	0.000	0.000	0.000
45.600	0.000	0.000	0.000	0.000	0.000
45.650	0.000	0.000	0.000	0.000	0.000
45.700	0.000	0.000	0.000	0.000	0.000
45.750	0.000	0.000	0.000	0.000	0.000
45.800	0.000	0.000	0.000	0.000	0.000
45.850	0.000	0.000	0.000	0.000	0.000
45.900	0.000	0.000	0.000	0.000	0.000
45.950	0.000	0.000	0.000	0.000	0.000
46.000	0.000	0.000	0.000	0.000	0.000
46.050	0.000	0.000	0.000	0.000	0.000
46.100	0.000	0.000	0.000	0.000	0.000
46.150	0.000	0.000	0.000	0.000	0.000
46.200	0.000	0.000	0.000	0.000	0.000
46.250	0.000	0.000	0.000	0.000	0.000
46.300	0.000	0.000	0.000	0.000	0.000
46.350	0.000	0.000	0.000	0.000	0.000
46.400	0.000	0.000	0.000	0.000	0.000
46.450	0.000	0.000	0.000	0.000	0.000
46.500	0.000	0.000	0.000	0.000	0.000
46.550	0.000	0.000	0.000	0.000	0.000
46.600	0.000	0.000	0.000	0.000	0.000
46.650	0.000	0.000	0.000	0.000	0.000
46.700	0.000	0.000	0.000	0.000	0.000
46.750	0.000	0.000	0.000	0.000	0.000
46.800	0.000	0.000	0.000	0.000	0.000
46.850	0.000	0.000	0.000	0.000	0.000
46.900	0.000	0.000	0.000	0.000	0.000
46.950	0.000	0.000	0.000	0.000	0.000
47.000	0.000	0.000	0.000	0.000	0.000
47.050	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
47.100	0.000	0.000	0.000	0.000	0.000
47.150	0.000	0.000	0.000	0.000	0.000
47.200	0.000	0.000	0.000	0.000	0.000
47.250	0.000	0.000	0.000	0.000	0.000
47.300	0.000	0.000	0.000	0.000	0.000
47.350	0.000	0.000	0.000	0.000	0.000
47.400	0.000	0.000	0.000	0.000	0.000
47.450	0.000	0.000	0.000	0.000	0.000
47.500	0.000	0.000	0.000	0.000	0.000
47.550	0.000	0.000	0.000	0.000	0.000
47.600	0.000	0.000	0.000	0.000	0.000
47.650	0.000	0.000	0.000	0.000	0.000
47.700	0.000	0.000	0.000	0.000	0.000
47.750	0.000	0.000	0.000	0.000	0.000
47.800	0.000	0.000	0.000	0.000	0.000
47.850	0.000	0.000	0.000	0.000	0.000
47.900	0.000	0.000	0.000	0.000	0.000
47.950	0.000	0.000	0.000	0.000	0.000
48.000	0.000	0.000	0.000	0.000	0.000
48.050	0.000	0.000	0.000	0.000	0.000
48.100	0.000	0.000	0.000	0.000	0.000
48.150	0.000	0.000	0.000	0.000	0.000
48.200	0.000	0.000	0.000	0.000	0.000
48.250	0.000	0.000	0.000	0.000	0.000
48.300	0.000	0.000	0.000	0.000	0.000
48.350	0.000	0.000	0.000	0.000	0.000
48.400	0.000	0.000	0.000	0.000	0.000
48.450	0.000	0.000	0.000	0.000	0.000
48.500	0.000	0.000	0.000	0.000	0.000
48.550	0.000	0.000	0.000	0.000	0.000
48.600	0.000	0.000	0.000	0.000	0.000
48.650	0.000	0.000	0.000	0.000	0.000
48.700	0.000	0.000	0.000	0.000	0.000
48.750	0.000	0.000	0.000	0.000	0.000
48.800	0.000	0.000	0.000	0.000	0.000
48.850	0.000	0.000	0.000	0.000	0.000
48.900	0.000	0.000	0.000	0.000	0.000
48.950	0.000	0.000	0.000	0.000	0.000
49.000	0.000	0.000	0.000	0.000	0.000
49.050	0.000	0.000	0.000	0.000	0.000
49.100	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
49.150	0.000	0.000	0.000	0.000	0.000
49.200	0.000	0.000	0.000	0.000	0.000
49.250	0.000	0.000	0.000	0.000	0.000
49.300	0.000	0.000	0.000	0.000	0.000
49.350	0.000	0.000	0.000	0.000	0.000
49.400	0.000	0.000	0.000	0.000	0.000
49.450	0.000	0.000	0.000	0.000	0.000
49.500	0.000	0.000	0.000	0.000	0.000
49.550	0.000	0.000	0.000	0.000	0.000
49.600	0.000	0.000	0.000	0.000	0.000
49.650	0.000	0.000	0.000	0.000	0.000
49.700	0.000	0.000	0.000	0.000	0.000
49.750	0.000	0.000	0.000	0.000	0.000
49.800	0.000	0.000	0.000	0.000	0.000
49.850	0.000	0.000	0.000	0.000	0.000
49.900	0.000	0.000	0.000	0.000	0.000
49.950	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
50.050	0.000	0.000	0.000	0.000	0.000
50.100	0.000	0.000	0.000	0.000	0.000
50.150	0.000	0.000	0.000	0.000	0.000
50.200	0.000	0.000	0.000	0.000	0.000
50.250	0.000	0.000	0.000	0.000	0.000
50.300	0.000	0.000	0.000	0.000	0.000
50.350	0.000	0.000	0.000	0.000	0.000
50.400	0.000	0.000	0.000	0.000	0.000
50.450	0.000	0.000	0.000	0.000	0.000
50.500	0.000	0.000	0.000	0.000	0.000
50.550	0.000	0.000	0.000	0.000	0.000
50.600	0.000	0.000	0.000	0.000	0.000
50.650	0.000	0.000	0.000	0.000	0.000
50.700	0.000	0.000	0.000	0.000	0.000
50.750	0.000	0.000	0.000	0.000	0.000
50.800	0.000	0.000	0.000	0.000	0.000
50.850	0.000	0.000	0.000	0.000	0.000
50.900	0.000	0.000	0.000	0.000	0.000
50.950	0.000	0.000	0.000	0.000	0.000
51.000	0.000	0.000	0.000	0.000	0.000
51.050	0.000	0.000	0.000	0.000	0.000
51.100	0.000	0.000	0.000	0.000	0.000
51.150	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
51.200	0.000	0.000	0.000	0.000	0.000
51.250	0.000	0.000	0.000	0.000	0.000
51.300	0.000	0.000	0.000	0.000	0.000
51.350	0.000	0.000	0.000	0.000	0.000
51.400	0.000	0.000	0.000	0.000	0.000
51.450	0.000	0.000	0.000	0.000	0.000
51.500	0.000	0.000	0.000	0.000	0.000
51.550	0.000	0.000	0.000	0.000	0.000
51.600	0.000	0.000	0.000	0.000	0.000
51.650	0.000	0.000	0.000	0.000	0.000
51.700	0.000	0.000	0.000	0.000	0.000
51.750	0.000	0.000	0.000	0.000	0.000
51.800	0.000	0.000	0.000	0.000	0.000
51.850	0.000	0.000	0.000	0.000	0.000
51.900	0.000	0.000	0.000	0.000	0.000
51.950	0.000	0.000	0.000	0.000	0.000
52.000	0.000	0.000	0.000	0.000	0.000
52.050	0.000	0.000	0.000	0.000	0.000
52.100	0.000	0.000	0.000	0.000	0.000
52.150	0.000	0.000	0.000	0.000	0.000
52.200	0.000	0.000	0.000	0.000	0.000
52.250	0.000	0.000	0.000	0.000	0.000
52.300	0.000	0.000	0.000	0.000	0.000
52.350	0.000	0.000	0.000	0.000	0.000
52.400	0.000	0.000	0.000	0.000	0.000
52.450	0.000	0.000	0.000	0.000	0.000
52.500	0.000	0.000	0.000	0.000	0.000
52.550	0.000	0.000	0.000	0.000	0.000
52.600	0.000	0.000	0.000	0.000	0.000
52.650	0.000	0.000	0.000	0.000	0.000
52.700	0.000	0.000	0.000	0.000	0.000
52.750	0.000	0.000	0.000	0.000	0.000
52.800	0.000	0.000	0.000	0.000	0.000
52.850	0.000	0.000	0.000	0.000	0.000
52.900	0.000	0.000	0.000	0.000	0.000
52.950	0.000	0.000	0.000	0.000	0.000
53.000	0.000	0.000	0.000	0.000	0.000
53.050	0.000	0.000	0.000	0.000	0.000
53.100	0.000	0.000	0.000	0.000	0.000
53.150	0.000	0.000	0.000	0.000	0.000
53.200	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
53.250	0.000	0.000	0.000	0.000	0.000
53.300	0.000	0.000	0.000	0.000	0.000
53.350	0.000	0.000	0.000	0.000	0.000
53.400	0.000	0.000	0.000	0.000	0.000
53.450	0.000	0.000	0.000	0.000	0.000
53.500	0.000	0.000	0.000	0.000	0.000
53.550	0.000	0.000	0.000	0.000	0.000
53.600	0.000	0.000	0.000	0.000	0.000
53.650	0.000	0.000	0.000	0.000	0.000
53.700	0.000	0.000	0.000	0.000	0.000
53.750	0.000	0.000	0.000	0.000	0.000
53.800	0.000	0.000	0.000	0.000	0.000
53.850	0.000	0.000	0.000	0.000	0.000
53.900	0.000	0.000	0.000	0.000	0.000
53.950	0.000	0.000	0.000	0.000	0.000
54.000	0.000	0.000	0.000	0.000	0.000
54.050	0.000	0.000	0.000	0.000	0.000
54.100	0.000	0.000	0.000	0.000	0.000
54.150	0.000	0.000	0.000	0.000	0.000
54.200	0.000	0.000	0.000	0.000	0.000
54.250	0.000	0.000	0.000	0.000	0.000
54.300	0.000	0.000	0.000	0.000	0.000
54.350	0.000	0.000	0.000	0.000	0.000
54.400	0.000	0.000	0.000	0.000	0.000
54.450	0.000	0.000	0.000	0.000	0.000
54.500	0.000	0.000	0.000	0.000	0.000
54.550	0.000	0.000	0.000	0.000	0.000
54.600	0.000	0.000	0.000	0.000	0.000
54.650	0.000	0.000	0.000	0.000	0.000
54.700	0.000	0.000	0.000	0.000	0.000
54.750	0.000	0.000	0.000	0.000	0.000
54.800	0.000	0.000	0.000	0.000	0.000
54.850	0.000	0.000	0.000	0.000	0.000
54.900	0.000	0.000	0.000	0.000	0.000
54.950	0.000	0.000	0.000	0.000	0.000
55.000	0.000	0.000	0.000	0.000	0.000
55.050	0.000	0.000	0.000	0.000	0.000
55.100	0.000	0.000	0.000	0.000	0.000
55.150	0.000	0.000	0.000	0.000	0.000
55.200	0.000	0.000	0.000	0.000	0.000
55.250	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
55.300	0.000	0.000	0.000	0.000	0.000
55.350	0.000	0.000	0.000	0.000	0.000
55.400	0.000	0.000	0.000	0.000	0.000
55.450	0.000	0.000	0.000	0.000	0.000
55.500	0.000	0.000	0.000	0.000	0.000
55.550	0.000	0.000	0.000	0.000	0.000
55.600	0.000	0.000	0.000	0.000	0.000
55.650	0.000	0.000	0.000	0.000	0.000
55.700	0.000	0.000	0.000	0.000	0.000
55.750	0.000	0.000	0.000	0.000	0.000
55.800	0.000	0.000	0.000	0.000	0.000
55.850	0.000	0.000	0.000	0.000	0.000
55.900	0.000	0.000	0.000	0.000	0.000
55.950	0.000	0.000	0.000	0.000	0.000
56.000	0.000	0.000	0.000	0.000	0.000
56.050	0.000	0.000	0.000	0.000	0.000
56.100	0.000	0.000	0.000	0.000	0.000
56.150	0.000	0.000	0.000	0.000	0.000
56.200	0.000	0.000	0.000	0.000	0.000
56.250	0.000	0.000	0.000	0.000	0.000
56.300	0.000	0.000	0.000	0.000	0.000
56.350	0.000	0.000	0.000	0.000	0.000
56.400	0.000	0.000	0.000	0.000	0.000
56.450	0.000	0.000	0.000	0.000	0.000
56.500	0.000	0.000	0.000	0.000	0.000
56.550	0.000	0.000	0.000	0.000	0.000
56.600	0.000	0.000	0.000	0.000	0.000
56.650	0.000	0.000	0.000	0.000	0.000
56.700	0.000	0.000	0.000	0.000	0.000
56.750	0.000	0.000	0.000	0.000	0.000
56.800	0.000	0.000	0.000	0.000	0.000
56.850	0.000	0.000	0.000	0.000	0.000
56.900	0.000	0.000	0.000	0.000	0.000
56.950	0.000	0.000	0.000	0.000	0.000
57.000	0.000	0.000	0.000	0.000	0.000
57.050	0.000	0.000	0.000	0.000	0.000
57.100	0.000	0.000	0.000	0.000	0.000
57.150	0.000	0.000	0.000	0.000	0.000
57.200	0.000	0.000	0.000	0.000	0.000
57.250	0.000	0.000	0.000	0.000	0.000
57.300	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
57.350	0.000	0.000	0.000	0.000	0.000
57.400	0.000	0.000	0.000	0.000	0.000
57.450	0.000	0.000	0.000	0.000	0.000
57.500	0.000	0.000	0.000	0.000	0.000
57.550	0.000	0.000	0.000	0.000	0.000
57.600	0.000	0.000	0.000	0.000	0.000
57.650	0.000	0.000	0.000	0.000	0.000
57.700	0.000	0.000	0.000	0.000	0.000
57.750	0.000	0.000	0.000	0.000	0.000
57.800	0.000	0.000	0.000	0.000	0.000
57.850	0.000	0.000	0.000	0.000	0.000
57.900	0.000	0.000	0.000	0.000	0.000
57.950	0.000	0.000	0.000	0.000	0.000
58.000	0.000	0.000	0.000	0.000	0.000
58.050	0.000	0.000	0.000	0.000	0.000
58.100	0.000	0.000	0.000	0.000	0.000
58.150	0.000	0.000	0.000	0.000	0.000
58.200	0.000	0.000	0.000	0.000	0.000
58.250	0.000	0.000	0.000	0.000	0.000
58.300	0.000	0.000	0.000	0.000	0.000
58.350	0.000	0.000	0.000	0.000	0.000
58.400	0.000	0.000	0.000	0.000	0.000
58.450	0.000	0.000	0.000	0.000	0.000
58.500	0.000	0.000	0.000	0.000	0.000
58.550	0.000	0.000	0.000	0.000	0.000
58.600	0.000	0.000	0.000	0.000	0.000
58.650	0.000	0.000	0.000	0.000	0.000
58.700	0.000	0.000	0.000	0.000	0.000
58.750	0.000	0.000	0.000	0.000	0.000
58.800	0.000	0.000	0.000	0.000	0.000
58.850	0.000	0.000	0.000	0.000	0.000
58.900	0.000	0.000	0.000	0.000	0.000
58.950	0.000	0.000	0.000	0.000	0.000
59.000	0.000	0.000	0.000	0.000	0.000
59.050	0.000	0.000	0.000	0.000	0.000
59.100	0.000	0.000	0.000	0.000	0.000
59.150	0.000	0.000	0.000	0.000	0.000
59.200	0.000	0.000	0.000	0.000	0.000
59.250	0.000	0.000	0.000	0.000	0.000
59.300	0.000	0.000	0.000	0.000	0.000
59.350	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
59.400	0.000	0.000	0.000	0.000	0.000
59.450	0.000	0.000	0.000	0.000	0.000
59.500	0.000	0.000	0.000	0.000	0.000
59.550	0.000	0.000	0.000	0.000	0.000
59.600	0.000	0.000	0.000	0.000	0.000
59.650	0.000	0.000	0.000	0.000	0.000
59.700	0.000	0.000	0.000	0.000	0.000
59.750	0.000	0.000	0.000	0.000	0.000
59.800	0.000	0.000	0.000	0.000	0.000
59.850	0.000	0.000	0.000	0.000	0.000
59.900	0.000	0.000	0.000	0.000	0.000
59.950	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
60.050	0.000	0.000	0.000	0.000	0.000
60.100	0.000	0.000	0.000	0.000	0.000
60.150	0.000	0.000	0.000	0.000	0.000
60.200	0.000	0.000	0.000	0.000	0.000
60.250	0.000	0.000	0.000	0.000	0.000
60.300	0.000	0.000	0.000	0.000	0.000
60.350	0.000	0.000	0.000	0.000	0.000
60.400	0.000	0.000	0.000	0.000	0.000
60.450	0.000	0.000	0.000	0.000	0.000
60.500	0.000	0.000	0.000	0.000	0.000
60.550	0.000	0.000	0.000	0.000	0.000
60.600	0.000	0.000	0.000	0.000	0.000
60.650	0.000	0.000	0.000	0.000	0.000
60.700	0.000	0.000	0.000	0.000	0.000
60.750	0.000	0.000	0.000	0.000	0.000
60.800	0.000	0.000	0.000	0.000	0.000
60.850	0.000	0.000	0.000	0.000	0.000
60.900	0.000	0.000	0.000	0.000	0.000
60.950	0.000	0.000	0.000	0.000	0.000
61.000	0.000	0.000	0.000	0.000	0.000
61.050	0.000	0.000	0.000	0.000	0.000
61.100	0.000	0.000	0.000	0.000	0.000
61.150	0.000	0.000	0.000	0.000	0.000
61.200	0.000	0.000	0.000	0.000	0.000
61.250	0.000	0.000	0.000	0.000	0.000
61.300	0.000	0.000	0.000	0.000	0.000
61.350	0.000	0.000	0.000	0.000	0.000
61.400	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
61.450	0.000	0.000	0.000	0.000	0.000
61.500	0.000	0.000	0.000	0.000	0.000
61.550	0.000	0.000	0.000	0.000	0.000
61.600	0.000	0.000	0.000	0.000	0.000
61.650	0.000	0.000	0.000	0.000	0.000
61.700	0.000	0.000	0.000	0.000	0.000
61.750	0.000	0.000	0.000	0.000	0.000
61.800	0.000	0.000	0.000	0.000	0.000
61.850	0.000	0.000	0.000	0.000	0.000
61.900	0.000	0.000	0.000	0.000	0.000
61.950	0.000	0.000	0.000	0.000	0.000
62.000	0.000	0.000	0.000	0.000	0.000
62.050	0.000	0.000	0.000	0.000	0.000
62.100	0.000	0.000	0.000	0.000	0.000
62.150	0.000	0.000	0.000	0.000	0.000
62.200	0.000	0.000	0.000	0.000	0.000
62.250	0.000	0.000	0.000	0.000	0.000
62.300	0.000	0.000	0.000	0.000	0.000
62.350	0.000	0.000	0.000	0.000	0.000
62.400	0.000	0.000	0.000	0.000	0.000
62.450	0.000	0.000	0.000	0.000	0.000
62.500	0.000	0.000	0.000	0.000	0.000
62.550	0.000	0.000	0.000	0.000	0.000
62.600	0.000	0.000	0.000	0.000	0.000
62.650	0.000	0.000	0.000	0.000	0.000
62.700	0.000	0.000	0.000	0.000	0.000
62.750	0.000	0.000	0.000	0.000	0.000
62.800	0.000	0.000	0.000	0.000	0.000
62.850	0.000	0.000	0.000	0.000	0.000
62.900	0.000	0.000	0.000	0.000	0.000
62.950	0.000	0.000	0.000	0.000	0.000
63.000	0.000	0.000	0.000	0.000	0.000
63.050	0.000	0.000	0.000	0.000	0.000
63.100	0.000	0.000	0.000	0.000	0.000
63.150	0.000	0.000	0.000	0.000	0.000
63.200	0.000	0.000	0.000	0.000	0.000
63.250	0.000	0.000	0.000	0.000	0.000
63.300	0.000	0.000	0.000	0.000	0.000
63.350	0.000	0.000	0.000	0.000	0.000
63.400	0.000	0.000	0.000	0.000	0.000
63.450	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
63.500	0.000	0.000	0.000	0.000	0.000
63.550	0.000	0.000	0.000	0.000	0.000
63.600	0.000	0.000	0.000	0.000	0.000
63.650	0.000	0.000	0.000	0.000	0.000
63.700	0.000	0.000	0.000	0.000	0.000
63.750	0.000	0.000	0.000	0.000	0.000
63.800	0.000	0.000	0.000	0.000	0.000
63.850	0.000	0.000	0.000	0.000	0.000
63.900	0.000	0.000	0.000	0.000	0.000
63.950	0.000	0.000	0.000	0.000	0.000
64.000	0.000	0.000	0.000	0.000	0.000
64.050	0.000	0.000	0.000	0.000	0.000
64.100	0.000	0.000	0.000	0.000	0.000
64.150	0.000	0.000	0.000	0.000	0.000
64.200	0.000	0.000	0.000	0.000	0.000
64.250	0.000	0.000	0.000	0.000	0.000
64.300	0.000	0.000	0.000	0.000	0.000
64.350	0.000	0.000	0.000	0.000	0.000
64.400	0.000	0.000	0.000	0.000	0.000
64.450	0.000	0.000	0.000	0.000	0.000
64.500	0.000	0.000	0.000	0.000	0.000
64.550	0.000	0.000	0.000	0.000	0.000
64.600	0.000	0.000	0.000	0.000	0.000
64.650	0.000	0.000	0.000	0.000	0.000
64.700	0.000	0.000	0.000	0.000	0.000
64.750	0.000	0.000	0.000	0.000	0.000
64.800	0.000	0.000	0.000	0.000	0.000
64.850	0.000	0.000	0.000	0.000	0.000
64.900	0.000	0.000	0.000	0.000	0.000
64.950	0.000	0.000	0.000	0.000	0.000
65.000	0.000	0.000	0.000	0.000	0.000
65.050	0.000	0.000	0.000	0.000	0.000
65.100	0.000	0.000	0.000	0.000	0.000
65.150	0.000	0.000	0.000	0.000	0.000
65.200	0.000	0.000	0.000	0.000	0.000
65.250	0.000	0.000	0.000	0.000	0.000
65.300	0.000	0.000	0.000	0.000	0.000
65.350	0.000	0.000	0.000	0.000	0.000
65.400	0.000	0.000	0.000	0.000	0.000
65.450	0.000	0.000	0.000	0.000	0.000
65.500	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
65.550	0.000	0.000	0.000	0.000	0.000
65.600	0.000	0.000	0.000	0.000	0.000
65.650	0.000	0.000	0.000	0.000	0.000
65.700	0.000	0.000	0.000	0.000	0.000
65.750	0.000	0.000	0.000	0.000	0.000
65.800	0.000	0.000	0.000	0.000	0.000
65.850	0.000	0.000	0.000	0.000	0.000
65.900	0.000	0.000	0.000	0.000	0.000
65.950	0.000	0.000	0.000	0.000	0.000
66.000	0.000	0.000	0.000	0.000	0.000
66.050	0.000	0.000	0.000	0.000	0.000
66.100	0.000	0.000	0.000	0.000	0.000
66.150	0.000	0.000	0.000	0.000	0.000
66.200	0.000	0.000	0.000	0.000	0.000
66.250	0.000	0.000	0.000	0.000	0.000
66.300	0.000	0.000	0.000	0.000	0.000
66.350	0.000	0.000	0.000	0.000	0.000
66.400	0.000	0.000	0.000	0.000	0.000
66.450	0.000	0.000	0.000	0.000	0.000
66.500	0.000	0.000	0.000	0.000	0.000
66.550	0.000	0.000	0.000	0.000	0.000
66.600	0.000	0.000	0.000	0.000	0.000
66.650	0.000	0.000	0.000	0.000	0.000
66.700	0.000	0.000	0.000	0.000	0.000
66.750	0.000	0.000	0.000	0.000	0.000
66.800	0.000	0.000	0.000	0.000	0.000
66.850	0.000	0.000	0.000	0.000	0.000
66.900	0.000	0.000	0.000	0.000	0.000
66.950	0.000	0.000	0.000	0.000	0.000
67.000	0.000	0.000	0.000	0.000	0.000
67.050	0.000	0.000	0.000	0.000	0.000
67.100	0.000	0.000	0.000	0.000	0.000
67.150	0.000	0.000	0.000	0.000	0.000
67.200	0.000	0.000	0.000	0.000	0.000
67.250	0.000	0.000	0.000	0.000	0.000
67.300	0.000	0.000	0.000	0.000	0.000
67.350	0.000	0.000	0.000	0.000	0.000
67.400	0.000	0.000	0.000	0.000	0.000
67.450	0.000	0.000	0.000	0.000	0.000
67.500	0.000	0.000	0.000	0.000	0.000
67.550	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
67.600	0.000	0.000	0.000	0.000	0.000
67.650	0.000	0.000	0.000	0.000	0.000
67.700	0.000	0.000	0.000	0.000	0.000
67.750	0.000	0.000	0.000	0.000	0.000
67.800	0.000	0.000	0.000	0.000	0.000
67.850	0.000	0.000	0.000	0.000	0.000
67.900	0.000	0.000	0.000	0.000	0.000
67.950	0.000	0.000	0.000	0.000	0.000
68.000	0.000	0.000	0.000	0.000	0.000
68.050	0.000	0.000	0.000	0.000	0.000
68.100	0.000	0.000	0.000	0.000	0.000
68.150	0.000	0.000	0.000	0.000	0.000
68.200	0.000	0.000	0.000	0.000	0.000
68.250	0.000	0.000	0.000	0.000	0.000
68.300	0.000	0.000	0.000	0.000	0.000
68.350	0.000	0.000	0.000	0.000	0.000
68.400	0.000	0.000	0.000	0.000	0.000
68.450	0.000	0.000	0.000	0.000	0.000
68.500	0.000	0.000	0.000	0.000	0.000
68.550	0.000	0.000	0.000	0.000	0.000
68.600	0.000	0.000	0.000	0.000	0.000
68.650	0.000	0.000	0.000	0.000	0.000
68.700	0.000	0.000	0.000	0.000	0.000
68.750	0.000	0.000	0.000	0.000	0.000
68.800	0.000	0.000	0.000	0.000	0.000
68.850	0.000	0.000	0.000	0.000	0.000
68.900	0.000	0.000	0.000	0.000	0.000
68.950	0.000	0.000	0.000	0.000	0.000
69.000	0.000	0.000	0.000	0.000	0.000
69.050	0.000	0.000	0.000	0.000	0.000
69.100	0.000	0.000	0.000	0.000	0.000
69.150	0.000	0.000	0.000	0.000	0.000
69.200	0.000	0.000	0.000	0.000	0.000
69.250	0.000	0.000	0.000	0.000	0.000
69.300	0.000	0.000	0.000	0.000	0.000
69.350	0.000	0.000	0.000	0.000	0.000
69.400	0.000	0.000	0.000	0.000	0.000
69.450	0.000	0.000	0.000	0.000	0.000
69.500	0.000	0.000	0.000	0.000	0.000
69.550	0.000	0.000	0.000	0.000	0.000
69.600	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
69.650	0.000	0.000	0.000	0.000	0.000
69.700	0.000	0.000	0.000	0.000	0.000
69.750	0.000	0.000	0.000	0.000	0.000
69.800	0.000	0.000	0.000	0.000	0.000
69.850	0.000	0.000	0.000	0.000	0.000
69.900	0.000	0.000	0.000	0.000	0.000
69.950	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
70.050	0.000	0.000	0.000	0.000	0.000
70.100	0.000	0.000	0.000	0.000	0.000
70.150	0.000	0.000	0.000	0.000	0.000
70.200	0.000	0.000	0.000	0.000	0.000
70.250	0.000	0.000	0.000	0.000	0.000
70.300	0.000	0.000	0.000	0.000	0.000
70.350	0.000	0.000	0.000	0.000	0.000
70.400	0.000	0.000	0.000	0.000	0.000
70.450	0.000	0.000	0.000	0.000	0.000
70.500	0.000	0.000	0.000	0.000	0.000
70.550	0.000	0.000	0.000	0.000	0.000
70.600	0.000	0.000	0.000	0.000	0.000
70.650	0.000	0.000	0.000	0.000	0.000
70.700	0.000	0.000	0.000	0.000	0.000
70.750	0.000	0.000	0.000	0.000	0.000
70.800	0.000	0.000	0.000	0.000	0.000
70.850	0.000	0.000	0.000	0.000	0.000
70.900	0.000	0.000	0.000	0.000	0.000
70.950	0.000	0.000	0.000	0.000	0.000
71.000	0.000	0.000	0.000	0.000	0.000
71.050	0.000	0.000	0.000	0.000	0.000
71.100	0.000	0.000	0.000	0.000	0.000
71.150	0.000	0.000	0.000	0.000	0.000
71.200	0.000	0.000	0.000	0.000	0.000
71.250	0.000	0.000	0.000	0.000	0.000
71.300	0.000	0.000	0.000	0.000	0.000
71.350	0.000	0.000	0.000	0.000	0.000
71.400	0.000	0.000	0.000	0.000	0.000
71.450	0.000	0.000	0.000	0.000	0.000
71.500	0.000	0.000	0.000	0.000	0.000
71.550	0.000	0.000	0.000	0.000	0.000
71.600	0.000	0.000	0.000	0.000	0.000
71.650	0.000	0.000	0.000	0.000	0.000

SORA WEST

Subsection: Time vs. Volume
Label: UB-1
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Time vs. Volume (ft³)

Output Time increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
71.700	0.000	0.000	0.000	0.000	0.000
71.750	0.000	0.000	0.000	0.000	0.000
71.800	0.000	0.000	0.000	0.000	0.000
71.850	0.000	0.000	0.000	0.000	0.000
71.900	0.000	0.000	0.000	0.000	0.000
71.950	0.000	0.000	0.000	0.000	0.000
72.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: BRB-1-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
98.00	0.000
100.00	38.000
101.00	283.000
101.50	461.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: BRB-1-2
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
101.00	0.000
103.00	83.000
104.00	514.000
105.00	1,033.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: BRB-1-3
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
104.00	0.000
106.00	108.000
107.00	667.000
108.00	1,334.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: BRB-1-4
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
107.00	0.000
109.00	110.000
110.00	682.000
111.00	1,363.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: BRB-1-5
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
110.00	0.000
112.00	62.000
113.00	391.000
114.00	794.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: BRB-1-6
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
113.00	0.000
115.00	24.000
116.00	193.000
117.00	478.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: RG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
118.00	0.000
120.00	344.000
121.00	2,134.000
122.00	4,188.000

SORA WEST

Subsection: Elevation vs. Volume Curve
Label: UB-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Elevation-Volume

Pond Elevation (ft)	Pond Volume (ft^3)
110.00	0.000
110.67	3,080.000
110.75	3,815.000
110.84	4,537.000
110.92	5,251.000
111.00	5,951.000
111.09	6,637.000
111.17	7,311.000
111.25	7,971.000
111.33	8,609.000
111.42	9,229.000
111.50	9,827.000
111.58	10,394.000
111.67	10,934.000
111.75	11,426.000
111.84	11,851.000
111.92	12,246.000
112.00	12,613.000
112.67	15,693.000

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	98.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	101.50 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Inlet Box	Riser - 1	Forward	Culvert - 1	100.50	101.50
Culvert-Circular	Culvert - 1	Forward	TW	97.92	101.50
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Riser - 1 Structure Type: Inlet Box	
Number of Openings	1
Elevation	100.50 ft
Orifice Area	4.00 ft²
Orifice Coefficient	0.600
Weir Length	8.00 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Culvert - 1 Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	15.0 in
Length	28.09 ft
Length (Computed Barrel)	28.09 ft
Slope (Computed)	0.010 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.023
Kr	0.000
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317
Y	0.6900
T1 ratio (HW/D)	1.090
T2 ratio (HW/D)	1.192
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1 elevation.
Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	99.28 ft	T1 Flow	4.802 ft³/s
T2 Elevation	99.41 ft	T2 Flow	5.488 ft³/s

Subsection: Outlet Input Data
Label: BRB-1-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-2
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	101.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	105.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	103.25	105.00
Rectangular Weir	Weir - 1	Forward	TW	103.75	105.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-2
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Weir - 1 Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	103.75 ft
Weir Length	10.00 ft
Weir Coefficient	3.10 (ft^0.5)/s

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	103.25 ft
Orifice Diameter	3.0 in
Orifice Coefficient	0.600

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-3
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	104.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	108.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	106.25	108.00
Rectangular Weir	Weir - 1	Forward	TW	106.75	108.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-3
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Weir - 1 Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	106.75 ft
Weir Length	10.00 ft
Weir Coefficient	3.10 (ft^0.5)/s

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	106.25 ft
Orifice Diameter	3.0 in
Orifice Coefficient	0.600

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-4
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	107.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	111.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	109.25	111.00
Rectangular Weir	Weir - 1	Forward	TW	109.75	111.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-4
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	109.25 ft
Orifice Diameter	3.0 in
Orifice Coefficient	0.600

Structure ID: Weir - 1 Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	109.75 ft
Weir Length	10.00 ft
Weir Coefficient	3.10 (ft^0.5)/s

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-5
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	110.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	114.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	112.25	114.00
Rectangular Weir	Weir - 1	Forward	TW	112.75	114.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-5
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	112.25 ft
Orifice Diameter	3.0 in
Orifice Coefficient	0.600

Structure ID: Weir - 1 Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	112.75 ft
Weir Length	10.00 ft
Weir Coefficient	3.10 (ft^0.5)/s

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-6
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	113.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	117.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	115.25	117.00
Rectangular Weir	Weir - 1	Forward	TW	115.75	117.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: BRB-1-6
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	115.25 ft
Orifice Diameter	3.0 in
Orifice Coefficient	0.600

Structure ID: Weir - 1 Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	115.75 ft
Weir Length	10.00 ft
Weir Coefficient	3.10 (ft^0.5)/s

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: RG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	118.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	122.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Inlet Box	Riser - 1	Forward	Culvert - 1	120.73	122.00
Culvert-Circular	Culvert - 1	Forward	TW	113.56	122.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: RG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Riser - 1 Structure Type: Inlet Box	
Number of Openings	1
Elevation	120.73 ft
Orifice Area	4.00 ft²
Orifice Coefficient	0.600
Weir Length	8.00 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Culvert - 1 Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	12.0 in
Length	51.00 ft
Length (Computed Barrel)	51.06 ft
Slope (Computed)	0.050 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.031
Kr	0.000
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317
Y	0.6900
T1 ratio (HW/D)	1.070
T2 ratio (HW/D)	1.172
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1 elevation.
Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	114.63 ft	T1 Flow	2.749 ft³/s
T2 Elevation	114.73 ft	T2 Flow	3.142 ft³/s

Subsection: Outlet Input Data
Label: RG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Outlet Input Data
Label: UG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	110.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	112.67 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Culvert-Circular	Culvert - 1	Forward	TW	110.42	112.67
Tailwater Settings	Tailwater			(N/A)	(N/A)

SORA WEST

Subsection: Outlet Input Data
Label: UG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: Culvert - 1 Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	18.0 in
Length	43.17 ft
Length (Computed Barrel)	43.33 ft
Slope (Computed)	0.086 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.018
Kr	0.000
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317
Y	0.6900
T1 ratio (HW/D)	1.052
T2 ratio (HW/D)	1.154
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1 elevation.
Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	112.00 ft	T1 Flow	7.575 ft³/s
T2 Elevation	112.15 ft	T2 Flow	8.657 ft³/s

Subsection: Outlet Input Data
Label: UG-1
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: BRB-1-1 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.001 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	98.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
98.00	0.000	0.000	0.00	0.000	0.000	0.000
98.50	0.000	9.500	0.00	0.001	0.001	0.529
99.00	0.000	19.000	0.00	0.001	0.001	1.057
99.50	0.000	28.500	0.00	0.001	0.001	1.585
100.00	0.000	38.000	0.00	0.001	0.001	2.112
100.50	0.000	160.500	0.00	0.001	0.001	8.918
101.00	8.488	283.000	0.00	0.001	8.489	24.211
101.50	11.373	461.000	0.00	0.001	11.374	36.985

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.001 ft³/s
Time to Peak	31.940 hours
Hydrograph Volume	190.507 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
11.890	0.001	0.001	0.001	0.001	0.001
11.940	0.001	0.001	0.001	0.001	0.001
11.990	0.001	0.001	0.001	0.001	0.001
12.040	0.001	0.001	0.001	0.001	0.001
12.090	0.001	0.001	0.001	0.001	0.001
12.140	0.001	0.001	0.001	0.001	0.001
12.190	0.001	0.001	0.001	0.001	0.001
12.240	0.001	0.001	0.001	0.001	0.001
12.290	0.001	0.001	0.001	0.001	0.001
12.340	0.001	0.001	0.001	0.001	0.001
12.390	0.001	0.001	0.001	0.001	0.001
12.440	0.001	0.001	0.001	0.001	0.001
12.490	0.001	0.001	0.001	0.001	0.001
12.540	0.001	0.001	0.001	0.001	0.001
12.590	0.001	0.001	0.001	0.001	0.001
12.640	0.001	0.001	0.001	0.001	0.001
12.690	0.001	0.001	0.001	0.001	0.001
12.740	0.001	0.001	0.001	0.001	0.001
12.790	0.001	0.001	0.001	0.001	0.001
12.840	0.001	0.001	0.001	0.001	0.001
12.890	0.001	0.001	0.001	0.001	0.001
12.940	0.001	0.001	0.001	0.001	0.001
12.990	0.001	0.001	0.001	0.001	0.001
13.040	0.001	0.001	0.001	0.001	0.001
13.090	0.001	0.001	0.001	0.001	0.001
13.140	0.001	0.001	0.001	0.001	0.001
13.190	0.001	0.001	0.001	0.001	0.001
13.240	0.001	0.001	0.001	0.001	0.001
13.290	0.001	0.001	0.001	0.001	0.001
13.340	0.001	0.001	0.001	0.001	0.001
13.390	0.001	0.001	0.001	0.001	0.001
13.440	0.001	0.001	0.001	0.001	0.001
13.490	0.001	0.001	0.001	0.001	0.001
13.540	0.001	0.001	0.001	0.001	0.001
13.590	0.001	0.001	0.001	0.001	0.001
13.640	0.001	0.001	0.001	0.001	0.001
13.690	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
13.740	0.001	0.001	0.001	0.001	0.001
13.790	0.001	0.001	0.001	0.001	0.001
13.840	0.001	0.001	0.001	0.001	0.001
13.890	0.001	0.001	0.001	0.001	0.001
13.940	0.001	0.001	0.001	0.001	0.001
13.990	0.001	0.001	0.001	0.001	0.001
14.040	0.001	0.001	0.001	0.001	0.001
14.090	0.001	0.001	0.001	0.001	0.001
14.140	0.001	0.001	0.001	0.001	0.001
14.190	0.001	0.001	0.001	0.001	0.001
14.240	0.001	0.001	0.001	0.001	0.001
14.290	0.001	0.001	0.001	0.001	0.001
14.340	0.001	0.001	0.001	0.001	0.001
14.390	0.001	0.001	0.001	0.001	0.001
14.440	0.001	0.001	0.001	0.001	0.001
14.490	0.001	0.001	0.001	0.001	0.001
14.540	0.001	0.001	0.001	0.001	0.001
14.590	0.001	0.001	0.001	0.001	0.001
14.640	0.001	0.001	0.001	0.001	0.001
14.690	0.001	0.001	0.001	0.001	0.001
14.740	0.001	0.001	0.001	0.001	0.001
14.790	0.001	0.001	0.001	0.001	0.001
14.840	0.001	0.001	0.001	0.001	0.001
14.890	0.001	0.001	0.001	0.001	0.001
14.940	0.001	0.001	0.001	0.001	0.001
14.990	0.001	0.001	0.001	0.001	0.001
15.040	0.001	0.001	0.001	0.001	0.001
15.090	0.001	0.001	0.001	0.001	0.001
15.140	0.001	0.001	0.001	0.001	0.001
15.190	0.001	0.001	0.001	0.001	0.001
15.240	0.001	0.001	0.001	0.001	0.001
15.290	0.001	0.001	0.001	0.001	0.001
15.340	0.001	0.001	0.001	0.001	0.001
15.390	0.001	0.001	0.001	0.001	0.001
15.440	0.001	0.001	0.001	0.001	0.001
15.490	0.001	0.001	0.001	0.001	0.001
15.540	0.001	0.001	0.001	0.001	0.001
15.590	0.001	0.001	0.001	0.001	0.001
15.640	0.001	0.001	0.001	0.001	0.001
15.690	0.001	0.001	0.001	0.001	0.001
15.740	0.001	0.001	0.001	0.001	0.001
15.790	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
15.840	0.001	0.001	0.001	0.001	0.001
15.890	0.001	0.001	0.001	0.001	0.001
15.940	0.001	0.001	0.001	0.001	0.001
15.990	0.001	0.001	0.001	0.001	0.001
16.040	0.001	0.001	0.001	0.001	0.001
16.090	0.001	0.001	0.001	0.001	0.001
16.140	0.001	0.001	0.001	0.001	0.001
16.190	0.001	0.001	0.001	0.001	0.001
16.240	0.001	0.001	0.001	0.001	0.001
16.290	0.001	0.001	0.001	0.001	0.001
16.340	0.001	0.001	0.001	0.001	0.001
16.390	0.001	0.001	0.001	0.001	0.001
16.440	0.001	0.001	0.001	0.001	0.001
16.490	0.001	0.001	0.001	0.001	0.001
16.540	0.001	0.001	0.001	0.001	0.001
16.590	0.001	0.001	0.001	0.001	0.001
16.640	0.001	0.001	0.001	0.001	0.001
16.690	0.001	0.001	0.001	0.001	0.001
16.740	0.001	0.001	0.001	0.001	0.001
16.790	0.001	0.001	0.001	0.001	0.001
16.840	0.001	0.001	0.001	0.001	0.001
16.890	0.001	0.001	0.001	0.001	0.001
16.940	0.001	0.001	0.001	0.001	0.001
16.990	0.001	0.001	0.001	0.001	0.001
17.040	0.001	0.001	0.001	0.001	0.001
17.090	0.001	0.001	0.001	0.001	0.001
17.140	0.001	0.001	0.001	0.001	0.001
17.190	0.001	0.001	0.001	0.001	0.001
17.240	0.001	0.001	0.001	0.001	0.001
17.290	0.001	0.001	0.001	0.001	0.001
17.340	0.001	0.001	0.001	0.001	0.001
17.390	0.001	0.001	0.001	0.001	0.001
17.440	0.001	0.001	0.001	0.001	0.001
17.490	0.001	0.001	0.001	0.001	0.001
17.540	0.001	0.001	0.001	0.001	0.001
17.590	0.001	0.001	0.001	0.001	0.001
17.640	0.001	0.001	0.001	0.001	0.001
17.690	0.001	0.001	0.001	0.001	0.001
17.740	0.001	0.001	0.001	0.001	0.001
17.790	0.001	0.001	0.001	0.001	0.001
17.840	0.001	0.001	0.001	0.001	0.001
17.890	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
17.940	0.001	0.001	0.001	0.001	0.001
17.990	0.001	0.001	0.001	0.001	0.001
18.040	0.001	0.001	0.001	0.001	0.001
18.090	0.001	0.001	0.001	0.001	0.001
18.140	0.001	0.001	0.001	0.001	0.001
18.190	0.001	0.001	0.001	0.001	0.001
18.240	0.001	0.001	0.001	0.001	0.001
18.290	0.001	0.001	0.001	0.001	0.001
18.340	0.001	0.001	0.001	0.001	0.001
18.390	0.001	0.001	0.001	0.001	0.001
18.440	0.001	0.001	0.001	0.001	0.001
18.490	0.001	0.001	0.001	0.001	0.001
18.540	0.001	0.001	0.001	0.001	0.001
18.590	0.001	0.001	0.001	0.001	0.001
18.640	0.001	0.001	0.001	0.001	0.001
18.690	0.001	0.001	0.001	0.001	0.001
18.740	0.001	0.001	0.001	0.001	0.001
18.790	0.001	0.001	0.001	0.001	0.001
18.840	0.001	0.001	0.001	0.001	0.001
18.890	0.001	0.001	0.001	0.001	0.001
18.940	0.001	0.001	0.001	0.001	0.001
18.990	0.001	0.001	0.001	0.001	0.001
19.040	0.001	0.001	0.001	0.001	0.001
19.090	0.001	0.001	0.001	0.001	0.001
19.140	0.001	0.001	0.001	0.001	0.001
19.190	0.001	0.001	0.001	0.001	0.001
19.240	0.001	0.001	0.001	0.001	0.001
19.290	0.001	0.001	0.001	0.001	0.001
19.340	0.001	0.001	0.001	0.001	0.001
19.390	0.001	0.001	0.001	0.001	0.001
19.440	0.001	0.001	0.001	0.001	0.001
19.490	0.001	0.001	0.001	0.001	0.001
19.540	0.001	0.001	0.001	0.001	0.001
19.590	0.001	0.001	0.001	0.001	0.001
19.640	0.001	0.001	0.001	0.001	0.001
19.690	0.001	0.001	0.001	0.001	0.001
19.740	0.001	0.001	0.001	0.001	0.001
19.790	0.001	0.001	0.001	0.001	0.001
19.840	0.001	0.001	0.001	0.001	0.001
19.890	0.001	0.001	0.001	0.001	0.001
19.940	0.001	0.001	0.001	0.001	0.001
19.990	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
20.040	0.001	0.001	0.001	0.001	0.001
20.090	0.001	0.001	0.001	0.001	0.001
20.140	0.001	0.001	0.001	0.001	0.001
20.190	0.001	0.001	0.001	0.001	0.001
20.240	0.001	0.001	0.001	0.001	0.001
20.290	0.001	0.001	0.001	0.001	0.001
20.340	0.001	0.001	0.001	0.001	0.001
20.390	0.001	0.001	0.001	0.001	0.001
20.440	0.001	0.001	0.001	0.001	0.001
20.490	0.001	0.001	0.001	0.001	0.001
20.540	0.001	0.001	0.001	0.001	0.001
20.590	0.001	0.001	0.001	0.001	0.001
20.640	0.001	0.001	0.001	0.001	0.001
20.690	0.001	0.001	0.001	0.001	0.001
20.740	0.001	0.001	0.001	0.001	0.001
20.790	0.001	0.001	0.001	0.001	0.001
20.840	0.001	0.001	0.001	0.001	0.001
20.890	0.001	0.001	0.001	0.001	0.001
20.940	0.001	0.001	0.001	0.001	0.001
20.990	0.001	0.001	0.001	0.001	0.001
21.040	0.001	0.001	0.001	0.001	0.001
21.090	0.001	0.001	0.001	0.001	0.001
21.140	0.001	0.001	0.001	0.001	0.001
21.190	0.001	0.001	0.001	0.001	0.001
21.240	0.001	0.001	0.001	0.001	0.001
21.290	0.001	0.001	0.001	0.001	0.001
21.340	0.001	0.001	0.001	0.001	0.001
21.390	0.001	0.001	0.001	0.001	0.001
21.440	0.001	0.001	0.001	0.001	0.001
21.490	0.001	0.001	0.001	0.001	0.001
21.540	0.001	0.001	0.001	0.001	0.001
21.590	0.001	0.001	0.001	0.001	0.001
21.640	0.001	0.001	0.001	0.001	0.001
21.690	0.001	0.001	0.001	0.001	0.001
21.740	0.001	0.001	0.001	0.001	0.001
21.790	0.001	0.001	0.001	0.001	0.001
21.840	0.001	0.001	0.001	0.001	0.001
21.890	0.001	0.001	0.001	0.001	0.001
21.940	0.001	0.001	0.001	0.001	0.001
21.990	0.001	0.001	0.001	0.001	0.001
22.040	0.001	0.001	0.001	0.001	0.001
22.090	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
22.140	0.001	0.001	0.001	0.001	0.001
22.190	0.001	0.001	0.001	0.001	0.001
22.240	0.001	0.001	0.001	0.001	0.001
22.290	0.001	0.001	0.001	0.001	0.001
22.340	0.001	0.001	0.001	0.001	0.001
22.390	0.001	0.001	0.001	0.001	0.001
22.440	0.001	0.001	0.001	0.001	0.001
22.490	0.001	0.001	0.001	0.001	0.001
22.540	0.001	0.001	0.001	0.001	0.001
22.590	0.001	0.001	0.001	0.001	0.001
22.640	0.001	0.001	0.001	0.001	0.001
22.690	0.001	0.001	0.001	0.001	0.001
22.740	0.001	0.001	0.001	0.001	0.001
22.790	0.001	0.001	0.001	0.001	0.001
22.840	0.001	0.001	0.001	0.001	0.001
22.890	0.001	0.001	0.001	0.001	0.001
22.940	0.001	0.001	0.001	0.001	0.001
22.990	0.001	0.001	0.001	0.001	0.001
23.040	0.001	0.001	0.001	0.001	0.001
23.090	0.001	0.001	0.001	0.001	0.001
23.140	0.001	0.001	0.001	0.001	0.001
23.190	0.001	0.001	0.001	0.001	0.001
23.240	0.001	0.001	0.001	0.001	0.001
23.290	0.001	0.001	0.001	0.001	0.001
23.340	0.001	0.001	0.001	0.001	0.001
23.390	0.001	0.001	0.001	0.001	0.001
23.440	0.001	0.001	0.001	0.001	0.001
23.490	0.001	0.001	0.001	0.001	0.001
23.540	0.001	0.001	0.001	0.001	0.001
23.590	0.001	0.001	0.001	0.001	0.001
23.640	0.001	0.001	0.001	0.001	0.001
23.690	0.001	0.001	0.001	0.001	0.001
23.740	0.001	0.001	0.001	0.001	0.001
23.790	0.001	0.001	0.001	0.001	0.001
23.840	0.001	0.001	0.001	0.001	0.001
23.890	0.001	0.001	0.001	0.001	0.001
23.940	0.001	0.001	0.001	0.001	0.001
23.990	0.001	0.001	0.001	0.001	0.001
24.040	0.001	0.001	0.001	0.001	0.001
24.090	0.001	0.001	0.001	0.001	0.001
24.140	0.001	0.001	0.001	0.001	0.001
24.190	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
24.240	0.001	0.001	0.001	0.001	0.001
24.290	0.001	0.001	0.001	0.001	0.001
24.340	0.001	0.001	0.001	0.001	0.001
24.390	0.001	0.001	0.001	0.001	0.001
24.440	0.001	0.001	0.001	0.001	0.001
24.490	0.001	0.001	0.001	0.001	0.001
24.540	0.001	0.001	0.001	0.001	0.001
24.590	0.001	0.001	0.001	0.001	0.001
24.640	0.001	0.001	0.001	0.001	0.001
24.690	0.001	0.001	0.001	0.001	0.001
24.740	0.001	0.001	0.001	0.001	0.001
24.790	0.001	0.001	0.001	0.001	0.001
24.840	0.001	0.001	0.001	0.001	0.001
24.890	0.001	0.001	0.001	0.001	0.001
24.940	0.001	0.001	0.001	0.001	0.001
24.990	0.001	0.001	0.001	0.001	0.001
25.040	0.001	0.001	0.001	0.001	0.001
25.090	0.001	0.001	0.001	0.001	0.001
25.140	0.001	0.001	0.001	0.001	0.001
25.190	0.001	0.001	0.001	0.001	0.001
25.240	0.001	0.001	0.001	0.001	0.001
25.290	0.001	0.001	0.001	0.001	0.001
25.340	0.001	0.001	0.001	0.001	0.001
25.390	0.001	0.001	0.001	0.001	0.001
25.440	0.001	0.001	0.001	0.001	0.001
25.490	0.001	0.001	0.001	0.001	0.001
25.540	0.001	0.001	0.001	0.001	0.001
25.590	0.001	0.001	0.001	0.001	0.001
25.640	0.001	0.001	0.001	0.001	0.001
25.690	0.001	0.001	0.001	0.001	0.001
25.740	0.001	0.001	0.001	0.001	0.001
25.790	0.001	0.001	0.001	0.001	0.001
25.840	0.001	0.001	0.001	0.001	0.001
25.890	0.001	0.001	0.001	0.001	0.001
25.940	0.001	0.001	0.001	0.001	0.001
25.990	0.001	0.001	0.001	0.001	0.001
26.040	0.001	0.001	0.001	0.001	0.001
26.090	0.001	0.001	0.001	0.001	0.001
26.140	0.001	0.001	0.001	0.001	0.001
26.190	0.001	0.001	0.001	0.001	0.001
26.240	0.001	0.001	0.001	0.001	0.001
26.290	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
26.340	0.001	0.001	0.001	0.001	0.001
26.390	0.001	0.001	0.001	0.001	0.001
26.440	0.001	0.001	0.001	0.001	0.001
26.490	0.001	0.001	0.001	0.001	0.001
26.540	0.001	0.001	0.001	0.001	0.001
26.590	0.001	0.001	0.001	0.001	0.001
26.640	0.001	0.001	0.001	0.001	0.001
26.690	0.001	0.001	0.001	0.001	0.001
26.740	0.001	0.001	0.001	0.001	0.001
26.790	0.001	0.001	0.001	0.001	0.001
26.840	0.001	0.001	0.001	0.001	0.001
26.890	0.001	0.001	0.001	0.001	0.001
26.940	0.001	0.001	0.001	0.001	0.001
26.990	0.001	0.001	0.001	0.001	0.001
27.040	0.001	0.001	0.001	0.001	0.001
27.090	0.001	0.001	0.001	0.001	0.001
27.140	0.001	0.001	0.001	0.001	0.001
27.190	0.001	0.001	0.001	0.001	0.001
27.240	0.001	0.001	0.001	0.001	0.001
27.290	0.001	0.001	0.001	0.001	0.001
27.340	0.001	0.001	0.001	0.001	0.001
27.390	0.001	0.001	0.001	0.001	0.001
27.440	0.001	0.001	0.001	0.001	0.001
27.490	0.001	0.001	0.001	0.001	0.001
27.540	0.001	0.001	0.001	0.001	0.001
27.590	0.001	0.001	0.001	0.001	0.001
27.640	0.001	0.001	0.001	0.001	0.001
27.690	0.001	0.001	0.001	0.001	0.001
27.740	0.001	0.001	0.001	0.001	0.001
27.790	0.001	0.001	0.001	0.001	0.001
27.840	0.001	0.001	0.001	0.001	0.001
27.890	0.001	0.001	0.001	0.001	0.001
27.940	0.001	0.001	0.001	0.001	0.001
27.990	0.001	0.001	0.001	0.001	0.001
28.040	0.001	0.001	0.001	0.001	0.001
28.090	0.001	0.001	0.001	0.001	0.001
28.140	0.001	0.001	0.001	0.001	0.001
28.190	0.001	0.001	0.001	0.001	0.001
28.240	0.001	0.001	0.001	0.001	0.001
28.290	0.001	0.001	0.001	0.001	0.001
28.340	0.001	0.001	0.001	0.001	0.001
28.390	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
28.440	0.001	0.001	0.001	0.001	0.001
28.490	0.001	0.001	0.001	0.001	0.001
28.540	0.001	0.001	0.001	0.001	0.001
28.590	0.001	0.001	0.001	0.001	0.001
28.640	0.001	0.001	0.001	0.001	0.001
28.690	0.001	0.001	0.001	0.001	0.001
28.740	0.001	0.001	0.001	0.001	0.001
28.790	0.001	0.001	0.001	0.001	0.001
28.840	0.001	0.001	0.001	0.001	0.001
28.890	0.001	0.001	0.001	0.001	0.001
28.940	0.001	0.001	0.001	0.001	0.001
28.990	0.001	0.001	0.001	0.001	0.001
29.040	0.001	0.001	0.001	0.001	0.001
29.090	0.001	0.001	0.001	0.001	0.001
29.140	0.001	0.001	0.001	0.001	0.001
29.190	0.001	0.001	0.001	0.001	0.001
29.240	0.001	0.001	0.001	0.001	0.001
29.290	0.001	0.001	0.001	0.001	0.001
29.340	0.001	0.001	0.001	0.001	0.001
29.390	0.001	0.001	0.001	0.001	0.001
29.440	0.001	0.001	0.001	0.001	0.001
29.490	0.001	0.001	0.001	0.001	0.001
29.540	0.001	0.001	0.001	0.001	0.001
29.590	0.001	0.001	0.001	0.001	0.001
29.640	0.001	0.001	0.001	0.001	0.001
29.690	0.001	0.001	0.001	0.001	0.001
29.740	0.001	0.001	0.001	0.001	0.001
29.790	0.001	0.001	0.001	0.001	0.001
29.840	0.001	0.001	0.001	0.001	0.001
29.890	0.001	0.001	0.001	0.001	0.001
29.940	0.001	0.001	0.001	0.001	0.001
29.990	0.001	0.001	0.001	0.001	0.001
30.040	0.001	0.001	0.001	0.001	0.001
30.090	0.001	0.001	0.001	0.001	0.001
30.140	0.001	0.001	0.001	0.001	0.001
30.190	0.001	0.001	0.001	0.001	0.001
30.240	0.001	0.001	0.001	0.001	0.001
30.290	0.001	0.001	0.001	0.001	0.001
30.340	0.001	0.001	0.001	0.001	0.001
30.390	0.001	0.001	0.001	0.001	0.001
30.440	0.001	0.001	0.001	0.001	0.001
30.490	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
30.540	0.001	0.001	0.001	0.001	0.001
30.590	0.001	0.001	0.001	0.001	0.001
30.640	0.001	0.001	0.001	0.001	0.001
30.690	0.001	0.001	0.001	0.001	0.001
30.740	0.001	0.001	0.001	0.001	0.001
30.790	0.001	0.001	0.001	0.001	0.001
30.840	0.001	0.001	0.001	0.001	0.001
30.890	0.001	0.001	0.001	0.001	0.001
30.940	0.001	0.001	0.001	0.001	0.001
30.990	0.001	0.001	0.001	0.001	0.001
31.040	0.001	0.001	0.001	0.001	0.001
31.090	0.001	0.001	0.001	0.001	0.001
31.140	0.001	0.001	0.001	0.001	0.001
31.190	0.001	0.001	0.001	0.001	0.001
31.240	0.001	0.001	0.001	0.001	0.001
31.290	0.001	0.001	0.001	0.001	0.001
31.340	0.001	0.001	0.001	0.001	0.001
31.390	0.001	0.001	0.001	0.001	0.001
31.440	0.001	0.001	0.001	0.001	0.001
31.490	0.001	0.001	0.001	0.001	0.001
31.540	0.001	0.001	0.001	0.001	0.001
31.590	0.001	0.001	0.001	0.001	0.001
31.640	0.001	0.001	0.001	0.001	0.001
31.690	0.001	0.001	0.001	0.001	0.001
31.740	0.001	0.001	0.001	0.001	0.001
31.790	0.001	0.001	0.001	0.001	0.001
31.840	0.001	0.001	0.001	0.001	0.001
31.890	0.001	0.001	0.001	0.001	0.001
31.940	0.001	0.001	0.001	0.001	0.001
31.990	0.001	0.001	0.001	0.001	0.001
32.040	0.001	0.001	0.001	0.001	0.001
32.090	0.001	0.001	0.001	0.001	0.001
32.140	0.001	0.001	0.001	0.001	0.001
32.190	0.001	0.001	0.001	0.001	0.001
32.240	0.001	0.001	0.001	0.001	0.001
32.290	0.001	0.001	0.001	0.001	0.001
32.340	0.001	0.001	0.001	0.001	0.001
32.390	0.001	0.001	0.001	0.001	0.001
32.440	0.001	0.001	0.001	0.001	0.001
32.490	0.001	0.001	0.001	0.001	0.001
32.540	0.001	0.001	0.001	0.001	0.001
32.590	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
32.640	0.001	0.001	0.001	0.001	0.001
32.690	0.001	0.001	0.001	0.001	0.001
32.740	0.001	0.001	0.001	0.001	0.001
32.790	0.001	0.001	0.001	0.001	0.001
32.840	0.001	0.001	0.001	0.001	0.001
32.890	0.001	0.001	0.001	0.001	0.001
32.940	0.001	0.001	0.001	0.001	0.001
32.990	0.001	0.001	0.001	0.001	0.001
33.040	0.001	0.001	0.001	0.001	0.001
33.090	0.001	0.001	0.001	0.001	0.001
33.140	0.001	0.001	0.001	0.001	0.001
33.190	0.001	0.001	0.001	0.001	0.001
33.240	0.001	0.001	0.001	0.001	0.001
33.290	0.001	0.001	0.001	0.001	0.001
33.340	0.001	0.001	0.001	0.001	0.001
33.390	0.001	0.001	0.001	0.001	0.001
33.440	0.001	0.001	0.001	0.001	0.001
33.490	0.001	0.001	0.001	0.001	0.001
33.540	0.001	0.001	0.001	0.001	0.001
33.590	0.001	0.001	0.001	0.001	0.001
33.640	0.001	0.001	0.001	0.001	0.001
33.690	0.001	0.001	0.001	0.001	0.001
33.740	0.001	0.001	0.001	0.001	0.001
33.790	0.001	0.001	0.001	0.001	0.001
33.840	0.001	0.001	0.001	0.001	0.001
33.890	0.001	0.001	0.001	0.001	0.001
33.940	0.001	0.001	0.001	0.001	0.001
33.990	0.001	0.001	0.001	0.001	0.001
34.040	0.001	0.001	0.001	0.001	0.001
34.090	0.001	0.001	0.001	0.001	0.001
34.140	0.001	0.001	0.001	0.001	0.001
34.190	0.001	0.001	0.001	0.001	0.001
34.240	0.001	0.001	0.001	0.001	0.001
34.290	0.001	0.001	0.001	0.001	0.001
34.340	0.001	0.001	0.001	0.001	0.001
34.390	0.001	0.001	0.001	0.001	0.001
34.440	0.001	0.001	0.001	0.001	0.001
34.490	0.001	0.001	0.001	0.001	0.001
34.540	0.001	0.001	0.001	0.001	0.001
34.590	0.001	0.001	0.001	0.001	0.001
34.640	0.001	0.001	0.001	0.001	0.001
34.690	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
34.740	0.001	0.001	0.001	0.001	0.001
34.790	0.001	0.001	0.001	0.001	0.001
34.840	0.001	0.001	0.001	0.001	0.001
34.890	0.001	0.001	0.001	0.001	0.001
34.940	0.001	0.001	0.001	0.001	0.001
34.990	0.001	0.001	0.001	0.001	0.001
35.040	0.001	0.001	0.001	0.001	0.001
35.090	0.001	0.001	0.001	0.001	0.001
35.140	0.001	0.001	0.001	0.001	0.001
35.190	0.001	0.001	0.001	0.001	0.001
35.240	0.001	0.001	0.001	0.001	0.001
35.290	0.001	0.001	0.001	0.001	0.001
35.340	0.001	0.001	0.001	0.001	0.001
35.390	0.001	0.001	0.001	0.001	0.001
35.440	0.001	0.001	0.001	0.001	0.001
35.490	0.001	0.001	0.001	0.001	0.001
35.540	0.001	0.001	0.001	0.001	0.001
35.590	0.001	0.001	0.001	0.001	0.001
35.640	0.001	0.001	0.001	0.001	0.001
35.690	0.001	0.001	0.001	0.001	0.001
35.740	0.001	0.001	0.001	0.001	0.001
35.790	0.001	0.001	0.001	0.001	0.001
35.840	0.001	0.001	0.001	0.001	0.001
35.890	0.001	0.001	0.001	0.001	0.001
35.940	0.001	0.001	0.001	0.001	0.001
35.990	0.001	0.001	0.001	0.001	0.001
36.040	0.001	0.001	0.001	0.001	0.001
36.090	0.001	0.001	0.001	0.001	0.001
36.140	0.001	0.001	0.001	0.001	0.001
36.190	0.001	0.001	0.001	0.001	0.001
36.240	0.001	0.001	0.001	0.001	0.001
36.290	0.001	0.001	0.001	0.001	0.001
36.340	0.001	0.001	0.001	0.001	0.001
36.390	0.001	0.001	0.001	0.001	0.001
36.440	0.001	0.001	0.001	0.001	0.001
36.490	0.001	0.001	0.001	0.001	0.001
36.540	0.001	0.001	0.001	0.001	0.001
36.590	0.001	0.001	0.001	0.001	0.001
36.640	0.001	0.001	0.001	0.001	0.001
36.690	0.001	0.001	0.001	0.001	0.001
36.740	0.001	0.001	0.001	0.001	0.001
36.790	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
36.840	0.001	0.001	0.001	0.001	0.001
36.890	0.001	0.001	0.001	0.001	0.001
36.940	0.001	0.001	0.001	0.001	0.001
36.990	0.001	0.001	0.001	0.001	0.001
37.040	0.001	0.001	0.001	0.001	0.001
37.090	0.001	0.001	0.001	0.001	0.001
37.140	0.001	0.001	0.001	0.001	0.001
37.190	0.001	0.001	0.001	0.001	0.001
37.240	0.001	0.001	0.001	0.001	0.001
37.290	0.001	0.001	0.001	0.001	0.001
37.340	0.001	0.001	0.001	0.001	0.001
37.390	0.001	0.001	0.001	0.001	0.001
37.440	0.001	0.001	0.001	0.001	0.001
37.490	0.001	0.001	0.001	0.001	0.001
37.540	0.001	0.001	0.001	0.001	0.001
37.590	0.001	0.001	0.001	0.001	0.001
37.640	0.001	0.001	0.001	0.001	0.001
37.690	0.001	0.001	0.001	0.001	0.001
37.740	0.001	0.001	0.001	0.001	0.001
37.790	0.001	0.001	0.001	0.001	0.001
37.840	0.001	0.001	0.001	0.001	0.001
37.890	0.001	0.001	0.001	0.001	0.001
37.940	0.001	0.001	0.001	0.001	0.001
37.990	0.001	0.001	0.001	0.001	0.001
38.040	0.001	0.001	0.001	0.001	0.001
38.090	0.001	0.001	0.001	0.001	0.001
38.140	0.001	0.001	0.001	0.001	0.001
38.190	0.001	0.001	0.001	0.001	0.001
38.240	0.001	0.001	0.001	0.001	0.001
38.290	0.001	0.001	0.001	0.001	0.001
38.340	0.001	0.001	0.001	0.001	0.001
38.390	0.001	0.001	0.001	0.001	0.001
38.440	0.001	0.001	0.001	0.001	0.001
38.490	0.001	0.001	0.001	0.001	0.001
38.540	0.001	0.001	0.001	0.001	0.001
38.590	0.001	0.001	0.001	0.001	0.001
38.640	0.001	0.001	0.001	0.001	0.001
38.690	0.001	0.001	0.001	0.001	0.001
38.740	0.001	0.001	0.001	0.001	0.001
38.790	0.001	0.001	0.001	0.001	0.001
38.840	0.001	0.001	0.001	0.001	0.001
38.890	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
38.940	0.001	0.001	0.001	0.001	0.001
38.990	0.001	0.001	0.001	0.001	0.001
39.040	0.001	0.001	0.001	0.001	0.001
39.090	0.001	0.001	0.001	0.001	0.001
39.140	0.001	0.001	0.001	0.001	0.001
39.190	0.001	0.001	0.001	0.001	0.001
39.240	0.001	0.001	0.001	0.001	0.001
39.290	0.001	0.001	0.001	0.001	0.001
39.340	0.001	0.001	0.001	0.001	0.001
39.390	0.001	0.001	0.001	0.001	0.001
39.440	0.001	0.001	0.001	0.001	0.001
39.490	0.001	0.001	0.001	0.001	0.001
39.540	0.001	0.001	0.001	0.001	0.001
39.590	0.001	0.001	0.001	0.001	0.001
39.640	0.001	0.001	0.001	0.001	0.001
39.690	0.001	0.001	0.001	0.001	0.001
39.740	0.001	0.001	0.001	0.001	0.001
39.790	0.001	0.001	0.001	0.001	0.001
39.840	0.001	0.001	0.001	0.001	0.001
39.890	0.001	0.001	0.001	0.001	0.001
39.940	0.001	0.001	0.001	0.001	0.001
39.990	0.001	0.001	0.001	0.001	0.001
40.040	0.001	0.001	0.001	0.001	0.001
40.090	0.001	0.001	0.001	0.001	0.001
40.140	0.001	0.001	0.001	0.001	0.001
40.190	0.001	0.001	0.001	0.001	0.001
40.240	0.001	0.001	0.001	0.001	0.001
40.290	0.001	0.001	0.001	0.001	0.001
40.340	0.001	0.001	0.001	0.001	0.001
40.390	0.001	0.001	0.001	0.001	0.001
40.440	0.001	0.001	0.001	0.001	0.001
40.490	0.001	0.001	0.001	0.001	0.001
40.540	0.001	0.001	0.001	0.001	0.001
40.590	0.001	0.001	0.001	0.001	0.001
40.640	0.001	0.001	0.001	0.001	0.001
40.690	0.001	0.001	0.001	0.001	0.001
40.740	0.001	0.001	0.001	0.001	0.001
40.790	0.001	0.001	0.001	0.001	0.001
40.840	0.001	0.001	0.001	0.001	0.001
40.890	0.001	0.001	0.001	0.001	0.001
40.940	0.001	0.001	0.001	0.001	0.001
40.990	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
41.040	0.001	0.001	0.001	0.001	0.001
41.090	0.001	0.001	0.001	0.001	0.001
41.140	0.001	0.001	0.001	0.001	0.001
41.190	0.001	0.001	0.001	0.001	0.001
41.240	0.001	0.001	0.001	0.001	0.001
41.290	0.001	0.001	0.001	0.001	0.001
41.340	0.001	0.001	0.001	0.001	0.001
41.390	0.001	0.001	0.001	0.001	0.001
41.440	0.001	0.001	0.001	0.001	0.001
41.490	0.001	0.001	0.001	0.001	0.001
41.540	0.001	0.001	0.001	0.001	0.001
41.590	0.001	0.001	0.001	0.001	0.001
41.640	0.001	0.001	0.001	0.001	0.001
41.690	0.001	0.001	0.001	0.001	0.001
41.740	0.001	0.001	0.001	0.001	0.001
41.790	0.001	0.001	0.001	0.001	0.001
41.840	0.001	0.001	0.001	0.001	0.001
41.890	0.001	0.001	0.001	0.001	0.001
41.940	0.001	0.001	0.001	0.001	0.001
41.990	0.001	0.001	0.001	0.001	0.001
42.040	0.001	0.001	0.001	0.001	0.001
42.090	0.001	0.001	0.001	0.001	0.001
42.140	0.001	0.001	0.001	0.001	0.001
42.190	0.001	0.001	0.001	0.001	0.001
42.240	0.001	0.001	0.001	0.001	0.001
42.290	0.001	0.001	0.001	0.001	0.001
42.340	0.001	0.001	0.001	0.001	0.001
42.390	0.001	0.001	0.001	0.001	0.001
42.440	0.001	0.001	0.001	0.001	0.001
42.490	0.001	0.001	0.001	0.001	0.001
42.540	0.001	0.001	0.001	0.001	0.001
42.590	0.001	0.001	0.001	0.001	0.001
42.640	0.001	0.001	0.001	0.001	0.001
42.690	0.001	0.001	0.001	0.001	0.001
42.740	0.001	0.001	0.001	0.001	0.001
42.790	0.001	0.001	0.001	0.001	0.001
42.840	0.001	0.001	0.001	0.001	0.001
42.890	0.001	0.001	0.001	0.001	0.001
42.940	0.001	0.001	0.001	0.001	0.001
42.990	0.001	0.001	0.001	0.001	0.001
43.040	0.001	0.001	0.001	0.001	0.001
43.090	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
43.140	0.001	0.001	0.001	0.001	0.001
43.190	0.001	0.001	0.001	0.001	0.001
43.240	0.001	0.001	0.001	0.001	0.001
43.290	0.001	0.001	0.001	0.001	0.001
43.340	0.001	0.001	0.001	0.001	0.001
43.390	0.001	0.001	0.001	0.001	0.001
43.440	0.001	0.001	0.001	0.001	0.001
43.490	0.001	0.001	0.001	0.001	0.001
43.540	0.001	0.001	0.001	0.001	0.001
43.590	0.001	0.001	0.001	0.001	0.001
43.640	0.001	0.001	0.001	0.001	0.001
43.690	0.001	0.001	0.001	0.001	0.001
43.740	0.001	0.001	0.001	0.001	0.001
43.790	0.001	0.001	0.001	0.001	0.001
43.840	0.001	0.001	0.001	0.001	0.001
43.890	0.001	0.001	0.001	0.001	0.001
43.940	0.001	0.001	0.001	0.001	0.001
43.990	0.001	0.001	0.001	0.001	0.001
44.040	0.001	0.001	0.001	0.001	0.001
44.090	0.001	0.001	0.001	0.001	0.001
44.140	0.001	0.001	0.001	0.001	0.001
44.190	0.001	0.001	0.001	0.001	0.001
44.240	0.001	0.001	0.001	0.001	0.001
44.290	0.001	0.001	0.001	0.001	0.001
44.340	0.001	0.001	0.001	0.001	0.001
44.390	0.001	0.001	0.001	0.001	0.001
44.440	0.001	0.001	0.001	0.001	0.001
44.490	0.001	0.001	0.001	0.001	0.001
44.540	0.001	0.001	0.001	0.001	0.001
44.590	0.001	0.001	0.001	0.001	0.001
44.640	0.001	0.001	0.001	0.001	0.001
44.690	0.001	0.001	0.001	0.001	0.001
44.740	0.001	0.001	0.001	0.001	0.001
44.790	0.001	0.001	0.001	0.001	0.001
44.840	0.001	0.001	0.001	0.001	0.001
44.890	0.001	0.001	0.001	0.001	0.001
44.940	0.001	0.001	0.001	0.001	0.001
44.990	0.001	0.001	0.001	0.001	0.001
45.040	0.001	0.001	0.001	0.001	0.001
45.090	0.001	0.001	0.001	0.001	0.001
45.140	0.001	0.001	0.001	0.001	0.001
45.190	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
45.240	0.001	0.001	0.001	0.001	0.001
45.290	0.001	0.001	0.001	0.001	0.001
45.340	0.001	0.001	0.001	0.001	0.001
45.390	0.001	0.001	0.001	0.001	0.001
45.440	0.001	0.001	0.001	0.001	0.001
45.490	0.001	0.001	0.001	0.001	0.001
45.540	0.001	0.001	0.001	0.001	0.001
45.590	0.001	0.001	0.001	0.001	0.001
45.640	0.001	0.001	0.001	0.001	0.001
45.690	0.001	0.001	0.001	0.001	0.001
45.740	0.001	0.001	0.001	0.001	0.001
45.790	0.001	0.001	0.001	0.001	0.001
45.840	0.001	0.001	0.001	0.001	0.001
45.890	0.001	0.001	0.001	0.001	0.001
45.940	0.001	0.001	0.001	0.001	0.001
45.990	0.001	0.001	0.001	0.001	0.001
46.040	0.001	0.001	0.001	0.001	0.001
46.090	0.001	0.001	0.001	0.001	0.001
46.140	0.001	0.001	0.001	0.001	0.001
46.190	0.001	0.001	0.001	0.001	0.001
46.240	0.001	0.001	0.001	0.001	0.001
46.290	0.001	0.001	0.001	0.001	0.001
46.340	0.001	0.001	0.001	0.001	0.001
46.390	0.001	0.001	0.001	0.001	0.001
46.440	0.001	0.001	0.001	0.001	0.001
46.490	0.001	0.001	0.001	0.001	0.001
46.540	0.001	0.001	0.001	0.001	0.001
46.590	0.001	0.001	0.001	0.001	0.001
46.640	0.001	0.001	0.001	0.001	0.001
46.690	0.001	0.001	0.001	0.001	0.001
46.740	0.001	0.001	0.001	0.001	0.001
46.790	0.001	0.001	0.001	0.001	0.001
46.840	0.001	0.001	0.001	0.001	0.001
46.890	0.001	0.001	0.001	0.001	0.001
46.940	0.001	0.001	0.001	0.001	0.001
46.990	0.001	0.001	0.001	0.001	0.001
47.040	0.001	0.001	0.001	0.001	0.001
47.090	0.001	0.001	0.001	0.001	0.001
47.140	0.001	0.001	0.001	0.001	0.001
47.190	0.001	0.001	0.001	0.001	0.001
47.240	0.001	0.001	0.001	0.001	0.001
47.290	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
47.340	0.001	0.001	0.001	0.001	0.001
47.390	0.001	0.001	0.001	0.001	0.001
47.440	0.001	0.001	0.001	0.001	0.001
47.490	0.001	0.001	0.001	0.001	0.001
47.540	0.001	0.001	0.001	0.001	0.001
47.590	0.001	0.001	0.001	0.001	0.001
47.640	0.001	0.001	0.001	0.001	0.001
47.690	0.001	0.001	0.001	0.001	0.001
47.740	0.001	0.001	0.001	0.001	0.001
47.790	0.001	0.001	0.001	0.001	0.001
47.840	0.001	0.001	0.001	0.001	0.001
47.890	0.001	0.001	0.001	0.001	0.001
47.940	0.001	0.001	0.001	0.001	0.001
47.990	0.001	0.001	0.001	0.001	0.001
48.040	0.001	0.001	0.001	0.001	0.001
48.090	0.001	0.001	0.001	0.001	0.001
48.140	0.001	0.001	0.001	0.001	0.001
48.190	0.001	0.001	0.001	0.001	0.001
48.240	0.001	0.001	0.001	0.001	0.001
48.290	0.001	0.001	0.001	0.001	0.001
48.340	0.001	0.001	0.001	0.001	0.001
48.390	0.001	0.001	0.001	0.001	0.001
48.440	0.001	0.001	0.001	0.001	0.001
48.490	0.001	0.001	0.001	0.001	0.001
48.540	0.001	0.001	0.001	0.001	0.001
48.590	0.001	0.001	0.001	0.001	0.001
48.640	0.001	0.001	0.001	0.001	0.001
48.690	0.001	0.001	0.001	0.001	0.001
48.740	0.001	0.001	0.001	0.001	0.001
48.790	0.001	0.001	0.001	0.001	0.001
48.840	0.001	0.001	0.001	0.001	0.001
48.890	0.001	0.001	0.001	0.001	0.001
48.940	0.001	0.001	0.001	0.001	0.001
48.990	0.001	0.001	0.001	0.001	0.001
49.040	0.001	0.001	0.001	0.001	0.001
49.090	0.001	0.001	0.001	0.001	0.001
49.140	0.001	0.001	0.001	0.001	0.001
49.190	0.001	0.001	0.001	0.001	0.001
49.240	0.001	0.001	0.001	0.001	0.001
49.290	0.001	0.001	0.001	0.001	0.001
49.340	0.001	0.001	0.001	0.001	0.001
49.390	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
49.440	0.001	0.001	0.001	0.001	0.001
49.490	0.001	0.001	0.001	0.001	0.001
49.540	0.001	0.001	0.001	0.001	0.001
49.590	0.001	0.001	0.001	0.001	0.001
49.640	0.001	0.001	0.001	0.001	0.001
49.690	0.001	0.001	0.001	0.001	0.001
49.740	0.001	0.001	0.001	0.001	0.001
49.790	0.001	0.001	0.001	0.001	0.001
49.840	0.001	0.001	0.001	0.001	0.001
49.890	0.001	0.001	0.001	0.001	0.001
49.940	0.001	0.001	0.001	0.001	0.001
49.990	0.001	0.001	0.001	0.001	0.001
50.040	0.001	0.001	0.001	0.001	0.001
50.090	0.001	0.001	0.001	0.001	0.001
50.140	0.001	0.001	0.001	0.001	0.001
50.190	0.001	0.001	0.001	0.001	0.001
50.240	0.001	0.001	0.001	0.001	0.001
50.290	0.001	0.001	0.001	0.001	0.001
50.340	0.001	0.001	0.001	0.001	0.001
50.390	0.001	0.001	0.001	0.001	0.001
50.440	0.001	0.001	0.001	0.001	0.001
50.490	0.001	0.001	0.001	0.001	0.001
50.540	0.001	0.001	0.001	0.001	0.001
50.590	0.001	0.001	0.001	0.001	0.001
50.640	0.001	0.001	0.001	0.001	0.001
50.690	0.001	0.001	0.001	0.001	0.001
50.740	0.001	0.001	0.001	0.001	0.001
50.790	0.001	0.001	0.001	0.001	0.001
50.840	0.001	0.001	0.001	0.001	0.001
50.890	0.001	0.001	0.001	0.001	0.001
50.940	0.001	0.001	0.001	0.001	0.001
50.990	0.001	0.001	0.001	0.001	0.001
51.040	0.001	0.001	0.001	0.001	0.001
51.090	0.001	0.001	0.001	0.001	0.001
51.140	0.001	0.001	0.001	0.001	0.001
51.190	0.001	0.001	0.001	0.001	0.001
51.240	0.001	0.001	0.001	0.001	0.001
51.290	0.001	0.001	0.001	0.001	0.001
51.340	0.001	0.001	0.001	0.001	0.001
51.390	0.001	0.001	0.001	0.001	0.001
51.440	0.001	0.001	0.001	0.001	0.001
51.490	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
51.540	0.001	0.001	0.001	0.001	0.001
51.590	0.001	0.001	0.001	0.001	0.001
51.640	0.001	0.001	0.001	0.001	0.001
51.690	0.001	0.001	0.001	0.001	0.001
51.740	0.001	0.001	0.001	0.001	0.001
51.790	0.001	0.001	0.001	0.001	0.001
51.840	0.001	0.001	0.001	0.001	0.001
51.890	0.001	0.001	0.001	0.001	0.001
51.940	0.001	0.001	0.001	0.001	0.001
51.990	0.001	0.001	0.001	0.001	0.001
52.040	0.001	0.001	0.001	0.001	0.001
52.090	0.001	0.001	0.001	0.001	0.001
52.140	0.001	0.001	0.001	0.001	0.001
52.190	0.001	0.001	0.001	0.001	0.001
52.240	0.001	0.001	0.001	0.001	0.001
52.290	0.001	0.001	0.001	0.001	0.001
52.340	0.001	0.001	0.001	0.001	0.001
52.390	0.001	0.001	0.001	0.001	0.001
52.440	0.001	0.001	0.001	0.001	0.001
52.490	0.001	0.001	0.001	0.001	0.001
52.540	0.001	0.001	0.001	0.001	0.001
52.590	0.001	0.001	0.001	0.001	0.001
52.640	0.001	0.001	0.001	0.001	0.001
52.690	0.001	0.001	0.001	0.001	0.001
52.740	0.001	0.001	0.001	0.001	0.001
52.790	0.001	0.001	0.001	0.001	0.001
52.840	0.001	0.001	0.001	0.001	0.001
52.890	0.001	0.001	0.001	0.001	0.001
52.940	0.001	0.001	0.001	0.001	0.001
52.990	0.001	0.001	0.001	0.001	0.001
53.040	0.001	0.001	0.001	0.001	0.001
53.090	0.001	0.001	0.001	0.001	0.001
53.140	0.001	0.001	0.001	0.001	0.001
53.190	0.001	0.001	0.001	0.001	0.001
53.240	0.001	0.001	0.001	0.001	0.001
53.290	0.001	0.001	0.001	0.001	0.001
53.340	0.001	0.001	0.001	0.001	0.001
53.390	0.001	0.001	0.001	0.001	0.001
53.440	0.001	0.001	0.001	0.001	0.001
53.490	0.001	0.001	0.001	0.001	0.001
53.540	0.001	0.001	0.001	0.001	0.001
53.590	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
53.640	0.001	0.001	0.001	0.001	0.001
53.690	0.001	0.001	0.001	0.001	0.001
53.740	0.001	0.001	0.001	0.001	0.001
53.790	0.001	0.001	0.001	0.001	0.001
53.840	0.001	0.001	0.001	0.001	0.001
53.890	0.001	0.001	0.001	0.001	0.001
53.940	0.001	0.001	0.001	0.001	0.001
53.990	0.001	0.001	0.001	0.001	0.001
54.040	0.001	0.001	0.001	0.001	0.001
54.090	0.001	0.001	0.001	0.001	0.001
54.140	0.001	0.001	0.001	0.001	0.001
54.190	0.001	0.001	0.001	0.001	0.001
54.240	0.001	0.001	0.001	0.001	0.001
54.290	0.001	0.001	0.001	0.001	0.001
54.340	0.001	0.001	0.001	0.001	0.001
54.390	0.001	0.001	0.001	0.001	0.001
54.440	0.001	0.001	0.001	0.001	0.001
54.490	0.001	0.001	0.001	0.001	0.001
54.540	0.001	0.001	0.001	0.001	0.001
54.590	0.001	0.001	0.001	0.001	0.001
54.640	0.001	0.001	0.001	0.001	0.001
54.690	0.001	0.001	0.001	0.001	0.001
54.740	0.001	0.001	0.001	0.001	0.001
54.790	0.001	0.001	0.001	0.001	0.001
54.840	0.001	0.001	0.001	0.001	0.001
54.890	0.001	0.001	0.001	0.001	0.001
54.940	0.001	0.001	0.001	0.001	0.001
54.990	0.001	0.001	0.001	0.001	0.001
55.040	0.001	0.001	0.001	0.001	0.001
55.090	0.001	0.001	0.001	0.001	0.001
55.140	0.001	0.001	0.001	0.001	0.001
55.190	0.001	0.001	0.001	0.001	0.001
55.240	0.001	0.001	0.001	0.001	0.001
55.290	0.001	0.001	0.001	0.001	0.001
55.340	0.001	0.001	0.001	0.001	0.001
55.390	0.001	0.001	0.001	0.001	0.001
55.440	0.001	0.001	0.001	0.001	0.001
55.490	0.001	0.001	0.001	0.001	0.001
55.540	0.001	0.001	0.001	0.001	0.001
55.590	0.001	0.001	0.001	0.001	0.001
55.640	0.001	0.001	0.001	0.001	0.001
55.690	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
55.740	0.001	0.001	0.001	0.001	0.001
55.790	0.001	0.001	0.001	0.001	0.001
55.840	0.001	0.001	0.001	0.001	0.001
55.890	0.001	0.001	0.001	0.001	0.001
55.940	0.001	0.001	0.001	0.001	0.001
55.990	0.001	0.001	0.001	(N/A)	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond)
Label: BRB-1-2
Scenario: Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: 1-Yr

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.003 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	101.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
101.00	0.000	0.000	0.00	0.000	0.000	0.000
101.50	0.000	20.750	0.00	0.003	0.003	1.155
102.00	0.000	41.500	0.00	0.003	0.003	2.308
102.50	0.000	62.250	0.00	0.003	0.003	3.461
103.00	0.000	83.000	0.00	0.003	0.003	4.614
103.25	0.000	190.750	0.00	0.003	0.003	10.600
103.50	0.084	298.500	0.00	0.003	0.086	16.670
103.75	0.145	406.250	0.00	0.003	0.147	22.717
104.00	4.062	514.000	0.00	0.003	4.064	32.620
104.50	20.386	773.500	0.00	0.003	20.388	63.361
105.00	43.625	1,033.000	0.00	0.003	43.628	101.017

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.003 ft³/s
Time to Peak	29.210 hours
Hydrograph Volume	266.014 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
11.850	0.001	0.001	0.001	0.001	0.001
11.900	0.002	0.002	0.002	0.002	0.002
11.950	0.002	0.002	0.002	0.003	0.003
12.000	0.003	0.003	0.003	0.003	0.003
12.050	0.003	0.003	0.003	0.003	0.003
12.100	0.003	0.003	0.003	0.003	0.003
12.150	0.003	0.003	0.003	0.003	0.003
12.200	0.003	0.003	0.003	0.003	0.003
12.250	0.003	0.003	0.003	0.003	0.003
12.300	0.003	0.003	0.003	0.003	0.003
12.350	0.003	0.003	0.003	0.003	0.003
12.400	0.003	0.003	0.003	0.003	0.003
12.450	0.003	0.003	0.003	0.003	0.003
12.500	0.003	0.003	0.003	0.003	0.003
12.550	0.003	0.003	0.003	0.003	0.003
12.600	0.003	0.003	0.003	0.003	0.003
12.650	0.003	0.003	0.003	0.003	0.003
12.700	0.003	0.003	0.003	0.003	0.003
12.750	0.003	0.003	0.003	0.003	0.003
12.800	0.003	0.003	0.003	0.003	0.003
12.850	0.003	0.003	0.003	0.003	0.003
12.900	0.003	0.003	0.003	0.003	0.003
12.950	0.003	0.003	0.003	0.003	0.003
13.000	0.003	0.003	0.003	0.003	0.003
13.050	0.003	0.003	0.003	0.003	0.003
13.100	0.003	0.003	0.003	0.003	0.003
13.150	0.003	0.003	0.003	0.003	0.003
13.200	0.003	0.003	0.003	0.003	0.003
13.250	0.003	0.003	0.003	0.003	0.003
13.300	0.003	0.003	0.003	0.003	0.003
13.350	0.003	0.003	0.003	0.003	0.003
13.400	0.003	0.003	0.003	0.003	0.003
13.450	0.003	0.003	0.003	0.003	0.003
13.500	0.003	0.003	0.003	0.003	0.003
13.550	0.003	0.003	0.003	0.003	0.003
13.600	0.003	0.003	0.003	0.003	0.003
13.650	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
13.700	0.003	0.003	0.003	0.003	0.003
13.750	0.003	0.003	0.003	0.003	0.003
13.800	0.003	0.003	0.003	0.003	0.003
13.850	0.003	0.003	0.003	0.003	0.003
13.900	0.003	0.003	0.003	0.003	0.003
13.950	0.003	0.003	0.003	0.003	0.003
14.000	0.003	0.003	0.003	0.003	0.003
14.050	0.003	0.003	0.003	0.003	0.003
14.100	0.003	0.003	0.003	0.003	0.003
14.150	0.003	0.003	0.003	0.003	0.003
14.200	0.003	0.003	0.003	0.003	0.003
14.250	0.003	0.003	0.003	0.003	0.003
14.300	0.003	0.003	0.003	0.003	0.003
14.350	0.003	0.003	0.003	0.003	0.003
14.400	0.003	0.003	0.003	0.003	0.003
14.450	0.003	0.003	0.003	0.003	0.003
14.500	0.003	0.003	0.003	0.003	0.003
14.550	0.003	0.003	0.003	0.003	0.003
14.600	0.003	0.003	0.003	0.003	0.003
14.650	0.003	0.003	0.003	0.003	0.003
14.700	0.003	0.003	0.003	0.003	0.003
14.750	0.003	0.003	0.003	0.003	0.003
14.800	0.003	0.003	0.003	0.003	0.003
14.850	0.003	0.003	0.003	0.003	0.003
14.900	0.003	0.003	0.003	0.003	0.003
14.950	0.003	0.003	0.003	0.003	0.003
15.000	0.003	0.003	0.003	0.003	0.003
15.050	0.003	0.003	0.003	0.003	0.003
15.100	0.003	0.003	0.003	0.003	0.003
15.150	0.003	0.003	0.003	0.003	0.003
15.200	0.003	0.003	0.003	0.003	0.003
15.250	0.003	0.003	0.003	0.003	0.003
15.300	0.003	0.003	0.003	0.003	0.003
15.350	0.003	0.003	0.003	0.003	0.003
15.400	0.003	0.003	0.003	0.003	0.003
15.450	0.003	0.003	0.003	0.003	0.003
15.500	0.003	0.003	0.003	0.003	0.003
15.550	0.003	0.003	0.003	0.003	0.003
15.600	0.003	0.003	0.003	0.003	0.003
15.650	0.003	0.003	0.003	0.003	0.003
15.700	0.003	0.003	0.003	0.003	0.003
15.750	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
15.800	0.003	0.003	0.003	0.003	0.003
15.850	0.003	0.003	0.003	0.003	0.003
15.900	0.003	0.003	0.003	0.003	0.003
15.950	0.003	0.003	0.003	0.003	0.003
16.000	0.003	0.003	0.003	0.003	0.003
16.050	0.003	0.003	0.003	0.003	0.003
16.100	0.003	0.003	0.003	0.003	0.003
16.150	0.003	0.003	0.003	0.003	0.003
16.200	0.003	0.003	0.003	0.003	0.003
16.250	0.003	0.003	0.003	0.003	0.003
16.300	0.003	0.003	0.003	0.003	0.003
16.350	0.003	0.003	0.003	0.003	0.003
16.400	0.003	0.003	0.003	0.003	0.003
16.450	0.003	0.003	0.003	0.003	0.003
16.500	0.003	0.003	0.003	0.003	0.003
16.550	0.003	0.003	0.003	0.003	0.003
16.600	0.003	0.003	0.003	0.003	0.003
16.650	0.003	0.003	0.003	0.003	0.003
16.700	0.003	0.003	0.003	0.003	0.003
16.750	0.003	0.003	0.003	0.003	0.003
16.800	0.003	0.003	0.003	0.003	0.003
16.850	0.003	0.003	0.003	0.003	0.003
16.900	0.003	0.003	0.003	0.003	0.003
16.950	0.003	0.003	0.003	0.003	0.003
17.000	0.003	0.003	0.003	0.003	0.003
17.050	0.003	0.003	0.003	0.003	0.003
17.100	0.003	0.003	0.003	0.003	0.003
17.150	0.003	0.003	0.003	0.003	0.003
17.200	0.003	0.003	0.003	0.003	0.003
17.250	0.003	0.003	0.003	0.003	0.003
17.300	0.003	0.003	0.003	0.003	0.003
17.350	0.003	0.003	0.003	0.003	0.003
17.400	0.003	0.003	0.003	0.003	0.003
17.450	0.003	0.003	0.003	0.003	0.003
17.500	0.003	0.003	0.003	0.003	0.003
17.550	0.003	0.003	0.003	0.003	0.003
17.600	0.003	0.003	0.003	0.003	0.003
17.650	0.003	0.003	0.003	0.003	0.003
17.700	0.003	0.003	0.003	0.003	0.003
17.750	0.003	0.003	0.003	0.003	0.003
17.800	0.003	0.003	0.003	0.003	0.003
17.850	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
17.900	0.003	0.003	0.003	0.003	0.003
17.950	0.003	0.003	0.003	0.003	0.003
18.000	0.003	0.003	0.003	0.003	0.003
18.050	0.003	0.003	0.003	0.003	0.003
18.100	0.003	0.003	0.003	0.003	0.003
18.150	0.003	0.003	0.003	0.003	0.003
18.200	0.003	0.003	0.003	0.003	0.003
18.250	0.003	0.003	0.003	0.003	0.003
18.300	0.003	0.003	0.003	0.003	0.003
18.350	0.003	0.003	0.003	0.003	0.003
18.400	0.003	0.003	0.003	0.003	0.003
18.450	0.003	0.003	0.003	0.003	0.003
18.500	0.003	0.003	0.003	0.003	0.003
18.550	0.003	0.003	0.003	0.003	0.003
18.600	0.003	0.003	0.003	0.003	0.003
18.650	0.003	0.003	0.003	0.003	0.003
18.700	0.003	0.003	0.003	0.003	0.003
18.750	0.003	0.003	0.003	0.003	0.003
18.800	0.003	0.003	0.003	0.003	0.003
18.850	0.003	0.003	0.003	0.003	0.003
18.900	0.003	0.003	0.003	0.003	0.003
18.950	0.003	0.003	0.003	0.003	0.003
19.000	0.003	0.003	0.003	0.003	0.003
19.050	0.003	0.003	0.003	0.003	0.003
19.100	0.003	0.003	0.003	0.003	0.003
19.150	0.003	0.003	0.003	0.003	0.003
19.200	0.003	0.003	0.003	0.003	0.003
19.250	0.003	0.003	0.003	0.003	0.003
19.300	0.003	0.003	0.003	0.003	0.003
19.350	0.003	0.003	0.003	0.003	0.003
19.400	0.003	0.003	0.003	0.003	0.003
19.450	0.003	0.003	0.003	0.003	0.003
19.500	0.003	0.003	0.003	0.003	0.003
19.550	0.003	0.003	0.003	0.003	0.003
19.600	0.003	0.003	0.003	0.003	0.003
19.650	0.003	0.003	0.003	0.003	0.003
19.700	0.003	0.003	0.003	0.003	0.003
19.750	0.003	0.003	0.003	0.003	0.003
19.800	0.003	0.003	0.003	0.003	0.003
19.850	0.003	0.003	0.003	0.003	0.003
19.900	0.003	0.003	0.003	0.003	0.003
19.950	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
20.000	0.003	0.003	0.003	0.003	0.003
20.050	0.003	0.003	0.003	0.003	0.003
20.100	0.003	0.003	0.003	0.003	0.003
20.150	0.003	0.003	0.003	0.003	0.003
20.200	0.003	0.003	0.003	0.003	0.003
20.250	0.003	0.003	0.003	0.003	0.003
20.300	0.003	0.003	0.003	0.003	0.003
20.350	0.003	0.003	0.003	0.003	0.003
20.400	0.003	0.003	0.003	0.003	0.003
20.450	0.003	0.003	0.003	0.003	0.003
20.500	0.003	0.003	0.003	0.003	0.003
20.550	0.003	0.003	0.003	0.003	0.003
20.600	0.003	0.003	0.003	0.003	0.003
20.650	0.003	0.003	0.003	0.003	0.003
20.700	0.003	0.003	0.003	0.003	0.003
20.750	0.003	0.003	0.003	0.003	0.003
20.800	0.003	0.003	0.003	0.003	0.003
20.850	0.003	0.003	0.003	0.003	0.003
20.900	0.003	0.003	0.003	0.003	0.003
20.950	0.003	0.003	0.003	0.003	0.003
21.000	0.003	0.003	0.003	0.003	0.003
21.050	0.003	0.003	0.003	0.003	0.003
21.100	0.003	0.003	0.003	0.003	0.003
21.150	0.003	0.003	0.003	0.003	0.003
21.200	0.003	0.003	0.003	0.003	0.003
21.250	0.003	0.003	0.003	0.003	0.003
21.300	0.003	0.003	0.003	0.003	0.003
21.350	0.003	0.003	0.003	0.003	0.003
21.400	0.003	0.003	0.003	0.003	0.003
21.450	0.003	0.003	0.003	0.003	0.003
21.500	0.003	0.003	0.003	0.003	0.003
21.550	0.003	0.003	0.003	0.003	0.003
21.600	0.003	0.003	0.003	0.003	0.003
21.650	0.003	0.003	0.003	0.003	0.003
21.700	0.003	0.003	0.003	0.003	0.003
21.750	0.003	0.003	0.003	0.003	0.003
21.800	0.003	0.003	0.003	0.003	0.003
21.850	0.003	0.003	0.003	0.003	0.003
21.900	0.003	0.003	0.003	0.003	0.003
21.950	0.003	0.003	0.003	0.003	0.003
22.000	0.003	0.003	0.003	0.003	0.003
22.050	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
22.100	0.003	0.003	0.003	0.003	0.003
22.150	0.003	0.003	0.003	0.003	0.003
22.200	0.003	0.003	0.003	0.003	0.003
22.250	0.003	0.003	0.003	0.003	0.003
22.300	0.003	0.003	0.003	0.003	0.003
22.350	0.003	0.003	0.003	0.003	0.003
22.400	0.003	0.003	0.003	0.003	0.003
22.450	0.003	0.003	0.003	0.003	0.003
22.500	0.003	0.003	0.003	0.003	0.003
22.550	0.003	0.003	0.003	0.003	0.003
22.600	0.003	0.003	0.003	0.003	0.003
22.650	0.003	0.003	0.003	0.003	0.003
22.700	0.003	0.003	0.003	0.003	0.003
22.750	0.003	0.003	0.003	0.003	0.003
22.800	0.003	0.003	0.003	0.003	0.003
22.850	0.003	0.003	0.003	0.003	0.003
22.900	0.003	0.003	0.003	0.003	0.003
22.950	0.003	0.003	0.003	0.003	0.003
23.000	0.003	0.003	0.003	0.003	0.003
23.050	0.003	0.003	0.003	0.003	0.003
23.100	0.003	0.003	0.003	0.003	0.003
23.150	0.003	0.003	0.003	0.003	0.003
23.200	0.003	0.003	0.003	0.003	0.003
23.250	0.003	0.003	0.003	0.003	0.003
23.300	0.003	0.003	0.003	0.003	0.003
23.350	0.003	0.003	0.003	0.003	0.003
23.400	0.003	0.003	0.003	0.003	0.003
23.450	0.003	0.003	0.003	0.003	0.003
23.500	0.003	0.003	0.003	0.003	0.003
23.550	0.003	0.003	0.003	0.003	0.003
23.600	0.003	0.003	0.003	0.003	0.003
23.650	0.003	0.003	0.003	0.003	0.003
23.700	0.003	0.003	0.003	0.003	0.003
23.750	0.003	0.003	0.003	0.003	0.003
23.800	0.003	0.003	0.003	0.003	0.003
23.850	0.003	0.003	0.003	0.003	0.003
23.900	0.003	0.003	0.003	0.003	0.003
23.950	0.003	0.003	0.003	0.003	0.003
24.000	0.003	0.003	0.003	0.003	0.003
24.050	0.003	0.003	0.003	0.003	0.003
24.100	0.003	0.003	0.003	0.003	0.003
24.150	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
24.200	0.003	0.003	0.003	0.003	0.003
24.250	0.003	0.003	0.003	0.003	0.003
24.300	0.003	0.003	0.003	0.003	0.003
24.350	0.003	0.003	0.003	0.003	0.003
24.400	0.003	0.003	0.003	0.003	0.003
24.450	0.003	0.003	0.003	0.003	0.003
24.500	0.003	0.003	0.003	0.003	0.003
24.550	0.003	0.003	0.003	0.003	0.003
24.600	0.003	0.003	0.003	0.003	0.003
24.650	0.003	0.003	0.003	0.003	0.003
24.700	0.003	0.003	0.003	0.003	0.003
24.750	0.003	0.003	0.003	0.003	0.003
24.800	0.003	0.003	0.003	0.003	0.003
24.850	0.003	0.003	0.003	0.003	0.003
24.900	0.003	0.003	0.003	0.003	0.003
24.950	0.003	0.003	0.003	0.003	0.003
25.000	0.003	0.003	0.003	0.003	0.003
25.050	0.003	0.003	0.003	0.003	0.003
25.100	0.003	0.003	0.003	0.003	0.003
25.150	0.003	0.003	0.003	0.003	0.003
25.200	0.003	0.003	0.003	0.003	0.003
25.250	0.003	0.003	0.003	0.003	0.003
25.300	0.003	0.003	0.003	0.003	0.003
25.350	0.003	0.003	0.003	0.003	0.003
25.400	0.003	0.003	0.003	0.003	0.003
25.450	0.003	0.003	0.003	0.003	0.003
25.500	0.003	0.003	0.003	0.003	0.003
25.550	0.003	0.003	0.003	0.003	0.003
25.600	0.003	0.003	0.003	0.003	0.003
25.650	0.003	0.003	0.003	0.003	0.003
25.700	0.003	0.003	0.003	0.003	0.003
25.750	0.003	0.003	0.003	0.003	0.003
25.800	0.003	0.003	0.003	0.003	0.003
25.850	0.003	0.003	0.003	0.003	0.003
25.900	0.003	0.003	0.003	0.003	0.003
25.950	0.003	0.003	0.003	0.003	0.003
26.000	0.003	0.003	0.003	0.003	0.003
26.050	0.003	0.003	0.003	0.003	0.003
26.100	0.003	0.003	0.003	0.003	0.003
26.150	0.003	0.003	0.003	0.003	0.003
26.200	0.003	0.003	0.003	0.003	0.003
26.250	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
26.300	0.003	0.003	0.003	0.003	0.003
26.350	0.003	0.003	0.003	0.003	0.003
26.400	0.003	0.003	0.003	0.003	0.003
26.450	0.003	0.003	0.003	0.003	0.003
26.500	0.003	0.003	0.003	0.003	0.003
26.550	0.003	0.003	0.003	0.003	0.003
26.600	0.003	0.003	0.003	0.003	0.003
26.650	0.003	0.003	0.003	0.003	0.003
26.700	0.003	0.003	0.003	0.003	0.003
26.750	0.003	0.003	0.003	0.003	0.003
26.800	0.003	0.003	0.003	0.003	0.003
26.850	0.003	0.003	0.003	0.003	0.003
26.900	0.003	0.003	0.003	0.003	0.003
26.950	0.003	0.003	0.003	0.003	0.003
27.000	0.003	0.003	0.003	0.003	0.003
27.050	0.003	0.003	0.003	0.003	0.003
27.100	0.003	0.003	0.003	0.003	0.003
27.150	0.003	0.003	0.003	0.003	0.003
27.200	0.003	0.003	0.003	0.003	0.003
27.250	0.003	0.003	0.003	0.003	0.003
27.300	0.003	0.003	0.003	0.003	0.003
27.350	0.003	0.003	0.003	0.003	0.003
27.400	0.003	0.003	0.003	0.003	0.003
27.450	0.003	0.003	0.003	0.003	0.003
27.500	0.003	0.003	0.003	0.003	0.003
27.550	0.003	0.003	0.003	0.003	0.003
27.600	0.003	0.003	0.003	0.003	0.003
27.650	0.003	0.003	0.003	0.003	0.003
27.700	0.003	0.003	0.003	0.003	0.003
27.750	0.003	0.003	0.003	0.003	0.003
27.800	0.003	0.003	0.003	0.003	0.003
27.850	0.003	0.003	0.003	0.003	0.003
27.900	0.003	0.003	0.003	0.003	0.003
27.950	0.003	0.003	0.003	0.003	0.003
28.000	0.003	0.003	0.003	0.003	0.003
28.050	0.003	0.003	0.003	0.003	0.003
28.100	0.003	0.003	0.003	0.003	0.003
28.150	0.003	0.003	0.003	0.003	0.003
28.200	0.003	0.003	0.003	0.003	0.003
28.250	0.003	0.003	0.003	0.003	0.003
28.300	0.003	0.003	0.003	0.003	0.003
28.350	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
28.400	0.003	0.003	0.003	0.003	0.003
28.450	0.003	0.003	0.003	0.003	0.003
28.500	0.003	0.003	0.003	0.003	0.003
28.550	0.003	0.003	0.003	0.003	0.003
28.600	0.003	0.003	0.003	0.003	0.003
28.650	0.003	0.003	0.003	0.003	0.003
28.700	0.003	0.003	0.003	0.003	0.003
28.750	0.003	0.003	0.003	0.003	0.003
28.800	0.003	0.003	0.003	0.003	0.003
28.850	0.003	0.003	0.003	0.003	0.003
28.900	0.003	0.003	0.003	0.003	0.003
28.950	0.003	0.003	0.003	0.003	0.003
29.000	0.003	0.003	0.003	0.003	0.003
29.050	0.003	0.003	0.003	0.003	0.003
29.100	0.003	0.003	0.003	0.003	0.003
29.150	0.003	0.003	0.003	0.003	0.003
29.200	0.003	0.003	0.003	0.003	0.003
29.250	0.003	0.003	0.003	0.003	0.003
29.300	0.003	0.003	0.003	0.003	0.003
29.350	0.003	0.003	0.003	0.003	0.003
29.400	0.003	0.003	0.003	0.003	0.003
29.450	0.003	0.003	0.003	0.003	0.003
29.500	0.003	0.003	0.003	0.003	0.003
29.550	0.003	0.003	0.003	0.003	0.003
29.600	0.003	0.003	0.003	0.003	0.003
29.650	0.003	0.003	0.003	0.003	0.003
29.700	0.003	0.003	0.003	0.003	0.003
29.750	0.003	0.003	0.003	0.003	0.003
29.800	0.003	0.003	0.003	0.003	0.003
29.850	0.003	0.003	0.003	0.003	0.003
29.900	0.003	0.003	0.003	0.003	0.003
29.950	0.003	0.003	0.003	0.003	0.003
30.000	0.003	0.003	0.003	0.003	0.003
30.050	0.003	0.003	0.003	0.003	0.003
30.100	0.003	0.003	0.003	0.003	0.003
30.150	0.003	0.003	0.003	0.003	0.003
30.200	0.003	0.003	0.003	0.003	0.003
30.250	0.003	0.003	0.003	0.003	0.003
30.300	0.003	0.003	0.003	0.003	0.003
30.350	0.003	0.003	0.003	0.003	0.003
30.400	0.003	0.003	0.003	0.003	0.003
30.450	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
30.500	0.003	0.003	0.003	0.003	0.003
30.550	0.003	0.003	0.003	0.003	0.003
30.600	0.003	0.003	0.003	0.003	0.003
30.650	0.003	0.003	0.003	0.003	0.003
30.700	0.003	0.003	0.003	0.003	0.003
30.750	0.003	0.003	0.003	0.003	0.003
30.800	0.003	0.003	0.003	0.003	0.003
30.850	0.003	0.003	0.003	0.003	0.003
30.900	0.003	0.003	0.003	0.003	0.003
30.950	0.003	0.003	0.003	0.003	0.003
31.000	0.003	0.003	0.003	0.003	0.003
31.050	0.003	0.003	0.003	0.003	0.003
31.100	0.003	0.003	0.003	0.003	0.003
31.150	0.003	0.003	0.003	0.003	0.003
31.200	0.003	0.003	0.003	0.003	0.003
31.250	0.003	0.003	0.003	0.003	0.003
31.300	0.003	0.003	0.003	0.003	0.003
31.350	0.003	0.003	0.003	0.003	0.003
31.400	0.003	0.003	0.003	0.003	0.003
31.450	0.003	0.003	0.003	0.003	0.003
31.500	0.003	0.003	0.003	0.003	0.003
31.550	0.003	0.003	0.003	0.003	0.003
31.600	0.003	0.003	0.003	0.003	0.003
31.650	0.003	0.003	0.003	0.003	0.003
31.700	0.003	0.003	0.003	0.003	0.003
31.750	0.003	0.003	0.003	0.003	0.003
31.800	0.003	0.003	0.003	0.003	0.003
31.850	0.003	0.003	0.003	0.003	0.003
31.900	0.003	0.003	0.003	0.003	0.003
31.950	0.003	0.003	0.003	0.003	0.003
32.000	0.003	0.003	0.003	0.003	0.003
32.050	0.003	0.003	0.003	0.003	0.003
32.100	0.003	0.003	0.003	0.003	0.003
32.150	0.003	0.003	0.003	0.003	0.003
32.200	0.003	0.003	0.003	0.003	0.003
32.250	0.003	0.003	0.003	0.003	0.003
32.300	0.003	0.003	0.003	0.003	0.003
32.350	0.003	0.003	0.003	0.003	0.003
32.400	0.003	0.003	0.003	0.003	0.003
32.450	0.003	0.003	0.003	0.003	0.003
32.500	0.003	0.003	0.003	0.003	0.003
32.550	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
32.600	0.003	0.003	0.003	0.003	0.003
32.650	0.003	0.003	0.003	0.003	0.003
32.700	0.003	0.003	0.003	0.003	0.003
32.750	0.003	0.003	0.003	0.003	0.003
32.800	0.003	0.003	0.003	0.003	0.003
32.850	0.003	0.003	0.003	0.003	0.003
32.900	0.003	0.003	0.003	0.003	0.003
32.950	0.003	0.003	0.003	0.003	0.003
33.000	0.003	0.003	0.003	0.003	0.003
33.050	0.003	0.003	0.003	0.003	0.003
33.100	0.003	0.003	0.003	0.003	0.003
33.150	0.003	0.003	0.003	0.003	0.003
33.200	0.003	0.003	0.003	0.003	0.003
33.250	0.003	0.003	0.003	0.003	0.003
33.300	0.003	0.003	0.003	0.003	0.003
33.350	0.003	0.003	0.003	0.003	0.003
33.400	0.003	0.003	0.003	0.003	0.003
33.450	0.003	0.003	0.003	0.003	0.003
33.500	0.003	0.003	0.003	0.003	0.003
33.550	0.003	0.003	0.003	0.003	0.003
33.600	0.003	0.003	0.003	0.003	0.003
33.650	0.003	0.003	0.003	0.003	0.003
33.700	0.003	0.003	0.003	0.003	0.003
33.750	0.003	0.003	0.003	0.003	0.003
33.800	0.003	0.003	0.003	0.003	0.003
33.850	0.003	0.003	0.003	0.003	0.003
33.900	0.003	0.003	0.003	0.003	0.003
33.950	0.003	0.003	0.003	0.003	0.003
34.000	0.003	0.003	0.003	0.003	0.003
34.050	0.003	0.003	0.003	0.003	0.003
34.100	0.003	0.003	0.003	0.003	0.003
34.150	0.003	0.003	0.003	0.003	0.003
34.200	0.003	0.003	0.003	0.003	0.003
34.250	0.003	0.003	0.003	0.003	0.003
34.300	0.003	0.003	0.003	0.003	0.003
34.350	0.003	0.003	0.003	0.003	0.003
34.400	0.003	0.003	0.003	0.003	0.003
34.450	0.003	0.003	0.003	0.003	0.003
34.500	0.003	0.003	0.003	0.003	0.003
34.550	0.003	0.003	0.003	0.003	0.003
34.600	0.003	0.003	0.003	0.003	0.003
34.650	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
34.700	0.003	0.003	0.003	0.003	0.003
34.750	0.003	0.003	0.003	0.003	0.003
34.800	0.003	0.003	0.003	0.003	0.003
34.850	0.003	0.003	0.003	0.003	0.003
34.900	0.003	0.003	0.003	0.003	0.003
34.950	0.003	0.003	0.003	0.003	0.003
35.000	0.003	0.003	0.003	0.003	0.003
35.050	0.003	0.003	0.003	0.003	0.003
35.100	0.003	0.003	0.003	0.003	0.003
35.150	0.003	0.003	0.003	0.003	0.003
35.200	0.003	0.003	0.003	0.003	0.003
35.250	0.003	0.003	0.003	0.003	0.003
35.300	0.003	0.003	0.003	0.003	0.003
35.350	0.003	0.003	0.003	0.003	0.003
35.400	0.003	0.003	0.003	0.003	0.003
35.450	0.003	0.003	0.003	0.003	0.003
35.500	0.003	0.003	0.003	0.003	0.003
35.550	0.003	0.003	0.003	0.003	0.003
35.600	0.003	0.003	0.003	0.003	0.003
35.650	0.003	0.003	0.003	0.003	0.003
35.700	0.003	0.003	0.003	0.003	0.003
35.750	0.003	0.003	0.003	0.003	0.003
35.800	0.003	0.003	0.003	0.003	0.003
35.850	0.003	0.003	0.003	0.003	0.003
35.900	0.003	0.003	0.003	0.003	0.003
35.950	0.003	0.003	0.003	0.003	0.003
36.000	0.003	0.003	0.003	0.003	0.003
36.050	0.003	0.003	0.003	0.003	0.003
36.100	0.003	0.003	0.003	0.003	0.003
36.150	0.003	0.003	0.003	0.003	0.003
36.200	0.003	0.003	0.003	0.003	0.003
36.250	0.003	0.003	0.003	0.003	0.003
36.300	0.003	0.003	0.003	0.003	0.003
36.350	0.003	0.003	0.003	0.003	0.003
36.400	0.003	0.003	0.003	0.003	0.003
36.450	0.003	0.003	0.003	0.003	0.003
36.500	0.003	0.003	0.003	0.003	0.003
36.550	0.003	0.003	0.003	0.003	0.003
36.600	0.003	0.003	0.003	0.003	0.003
36.650	0.003	0.003	0.003	0.003	0.003
36.700	0.003	0.003	0.003	0.003	0.003
36.750	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
36.800	0.003	0.003	0.003	0.003	0.003
36.850	0.003	0.003	0.003	0.003	0.003
36.900	0.003	0.003	0.003	0.003	0.003
36.950	0.003	0.003	0.003	0.003	0.003
37.000	0.003	0.003	0.003	0.003	0.003
37.050	0.003	0.003	0.003	0.003	0.003
37.100	0.003	0.003	0.003	0.003	0.003
37.150	0.003	0.003	0.003	0.003	0.003
37.200	0.003	0.003	0.003	0.003	0.003
37.250	0.003	0.003	0.003	0.003	0.003
37.300	0.003	0.003	0.003	0.003	0.003
37.350	0.003	0.003	0.003	0.003	0.003
37.400	0.003	0.003	0.003	0.003	0.003
37.450	0.003	0.003	0.003	0.003	0.003
37.500	0.003	0.003	0.003	0.003	0.003
37.550	0.003	0.003	0.003	0.003	0.003
37.600	0.003	0.003	0.003	0.003	0.003
37.650	0.003	0.003	0.003	0.003	0.003
37.700	0.003	0.003	0.003	0.003	0.003
37.750	0.003	0.003	0.003	0.003	0.003
37.800	0.003	0.003	0.003	0.003	0.003
37.850	0.003	0.003	0.003	0.003	0.003
37.900	0.003	0.003	0.003	0.003	0.003
37.950	0.003	0.003	0.003	0.003	0.003
38.000	0.003	0.003	0.003	0.003	0.003
38.050	0.003	0.003	0.003	0.003	0.003
38.100	0.003	0.003	0.003	0.002	0.002
38.150	0.002	0.002	0.002	0.002	0.002
38.200	0.002	0.002	0.002	0.002	0.002
38.250	0.002	0.002	0.002	0.002	0.002
38.300	0.002	0.002	0.002	0.002	0.002
38.350	0.002	0.002	0.002	0.002	0.002
38.400	0.002	0.002	0.002	0.002	0.002
38.450	0.002	0.002	0.002	0.002	0.002
38.500	0.002	0.002	0.002	0.002	0.002
38.550	0.002	0.002	0.002	0.002	0.002
38.600	0.002	0.002	0.002	0.002	0.002
38.650	0.002	0.002	0.002	0.002	0.002
38.700	0.002	0.002	0.002	0.002	0.002
38.750	0.002	0.002	0.002	0.002	0.002
38.800	0.002	0.002	0.002	0.002	0.002
38.850	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-2 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
38.900	0.002	0.002	0.002	0.002	0.002
38.950	0.002	0.002	0.002	0.002	0.002
39.000	0.002	0.002	0.002	0.002	0.002
39.050	0.002	0.002	0.002	0.002	0.002
39.100	0.002	0.002	0.002	0.002	0.002
39.150	0.002	0.002	0.002	0.002	0.002
39.200	0.002	0.002	0.001	0.001	0.001
39.250	0.001	0.001	0.001	0.001	0.001
39.300	0.001	0.001	0.001	0.001	0.001
39.350	0.001	0.001	0.001	0.001	0.001
39.400	0.001	0.001	0.001	0.001	0.001
39.450	0.001	0.001	0.001	0.001	0.001
39.500	0.001	0.001	0.001	0.001	0.001
39.550	0.001	0.001	0.001	0.001	0.001
39.600	0.001	0.001	0.001	0.001	0.001
39.650	0.001	0.001	0.001	0.001	0.001
39.700	0.001	0.001	0.001	0.001	0.001
39.750	0.001	0.001	0.001	0.001	0.001
39.800	0.001	0.001	0.001	0.001	0.001
39.850	0.001	0.001	0.001	0.001	0.001
39.900	0.001	0.001	0.001	0.001	0.001
39.950	0.001	0.001	0.001	0.001	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: BRB-1-3 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.005 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	104.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
104.00	0.000	0.000	0.00	0.000	0.000	0.000
104.50	0.000	27.000	0.00	0.005	0.005	1.505
105.00	0.000	54.000	0.00	0.005	0.005	3.005
105.50	0.000	81.000	0.00	0.005	0.005	4.505
106.00	0.000	108.000	0.00	0.005	0.005	6.005
106.25	0.000	247.750	0.00	0.005	0.005	13.769
106.50	0.084	387.500	0.00	0.005	0.089	21.617
106.75	0.145	527.250	0.00	0.005	0.150	29.442
107.00	4.062	667.000	0.00	0.005	4.067	41.123
107.50	20.386	1,000.500	0.00	0.005	20.391	75.974
108.00	43.625	1,334.000	0.00	0.005	43.630	117.741

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.005 ft³/s
Time to Peak	25.690 hours
Hydrograph Volume	426.742 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
11.780	0.001	0.001	0.001	0.001	0.002
11.830	0.002	0.003	0.003	0.004	0.005
11.880	0.005	0.005	0.005	0.005	0.005
11.930	0.005	0.005	0.005	0.005	0.005
11.980	0.005	0.005	0.005	0.005	0.005
12.030	0.005	0.005	0.005	0.005	0.005
12.080	0.005	0.005	0.005	0.005	0.005
12.130	0.005	0.005	0.005	0.005	0.005
12.180	0.005	0.005	0.005	0.005	0.005
12.230	0.005	0.005	0.005	0.005	0.005
12.280	0.005	0.005	0.005	0.005	0.005
12.330	0.005	0.005	0.005	0.005	0.005
12.380	0.005	0.005	0.005	0.005	0.005
12.430	0.005	0.005	0.005	0.005	0.005
12.480	0.005	0.005	0.005	0.005	0.005
12.530	0.005	0.005	0.005	0.005	0.005
12.580	0.005	0.005	0.005	0.005	0.005
12.630	0.005	0.005	0.005	0.005	0.005
12.680	0.005	0.005	0.005	0.005	0.005
12.730	0.005	0.005	0.005	0.005	0.005
12.780	0.005	0.005	0.005	0.005	0.005
12.830	0.005	0.005	0.005	0.005	0.005
12.880	0.005	0.005	0.005	0.005	0.005
12.930	0.005	0.005	0.005	0.005	0.005
12.980	0.005	0.005	0.005	0.005	0.005
13.030	0.005	0.005	0.005	0.005	0.005
13.080	0.005	0.005	0.005	0.005	0.005
13.130	0.005	0.005	0.005	0.005	0.005
13.180	0.005	0.005	0.005	0.005	0.005
13.230	0.005	0.005	0.005	0.005	0.005
13.280	0.005	0.005	0.005	0.005	0.005
13.330	0.005	0.005	0.005	0.005	0.005
13.380	0.005	0.005	0.005	0.005	0.005
13.430	0.005	0.005	0.005	0.005	0.005
13.480	0.005	0.005	0.005	0.005	0.005
13.530	0.005	0.005	0.005	0.005	0.005
13.580	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
13.630	0.005	0.005	0.005	0.005	0.005
13.680	0.005	0.005	0.005	0.005	0.005
13.730	0.005	0.005	0.005	0.005	0.005
13.780	0.005	0.005	0.005	0.005	0.005
13.830	0.005	0.005	0.005	0.005	0.005
13.880	0.005	0.005	0.005	0.005	0.005
13.930	0.005	0.005	0.005	0.005	0.005
13.980	0.005	0.005	0.005	0.005	0.005
14.030	0.005	0.005	0.005	0.005	0.005
14.080	0.005	0.005	0.005	0.005	0.005
14.130	0.005	0.005	0.005	0.005	0.005
14.180	0.005	0.005	0.005	0.005	0.005
14.230	0.005	0.005	0.005	0.005	0.005
14.280	0.005	0.005	0.005	0.005	0.005
14.330	0.005	0.005	0.005	0.005	0.005
14.380	0.005	0.005	0.005	0.005	0.005
14.430	0.005	0.005	0.005	0.005	0.005
14.480	0.005	0.005	0.005	0.005	0.005
14.530	0.005	0.005	0.005	0.005	0.005
14.580	0.005	0.005	0.005	0.005	0.005
14.630	0.005	0.005	0.005	0.005	0.005
14.680	0.005	0.005	0.005	0.005	0.005
14.730	0.005	0.005	0.005	0.005	0.005
14.780	0.005	0.005	0.005	0.005	0.005
14.830	0.005	0.005	0.005	0.005	0.005
14.880	0.005	0.005	0.005	0.005	0.005
14.930	0.005	0.005	0.005	0.005	0.005
14.980	0.005	0.005	0.005	0.005	0.005
15.030	0.005	0.005	0.005	0.005	0.005
15.080	0.005	0.005	0.005	0.005	0.005
15.130	0.005	0.005	0.005	0.005	0.005
15.180	0.005	0.005	0.005	0.005	0.005
15.230	0.005	0.005	0.005	0.005	0.005
15.280	0.005	0.005	0.005	0.005	0.005
15.330	0.005	0.005	0.005	0.005	0.005
15.380	0.005	0.005	0.005	0.005	0.005
15.430	0.005	0.005	0.005	0.005	0.005
15.480	0.005	0.005	0.005	0.005	0.005
15.530	0.005	0.005	0.005	0.005	0.005
15.580	0.005	0.005	0.005	0.005	0.005
15.630	0.005	0.005	0.005	0.005	0.005
15.680	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
15.730	0.005	0.005	0.005	0.005	0.005
15.780	0.005	0.005	0.005	0.005	0.005
15.830	0.005	0.005	0.005	0.005	0.005
15.880	0.005	0.005	0.005	0.005	0.005
15.930	0.005	0.005	0.005	0.005	0.005
15.980	0.005	0.005	0.005	0.005	0.005
16.030	0.005	0.005	0.005	0.005	0.005
16.080	0.005	0.005	0.005	0.005	0.005
16.130	0.005	0.005	0.005	0.005	0.005
16.180	0.005	0.005	0.005	0.005	0.005
16.230	0.005	0.005	0.005	0.005	0.005
16.280	0.005	0.005	0.005	0.005	0.005
16.330	0.005	0.005	0.005	0.005	0.005
16.380	0.005	0.005	0.005	0.005	0.005
16.430	0.005	0.005	0.005	0.005	0.005
16.480	0.005	0.005	0.005	0.005	0.005
16.530	0.005	0.005	0.005	0.005	0.005
16.580	0.005	0.005	0.005	0.005	0.005
16.630	0.005	0.005	0.005	0.005	0.005
16.680	0.005	0.005	0.005	0.005	0.005
16.730	0.005	0.005	0.005	0.005	0.005
16.780	0.005	0.005	0.005	0.005	0.005
16.830	0.005	0.005	0.005	0.005	0.005
16.880	0.005	0.005	0.005	0.005	0.005
16.930	0.005	0.005	0.005	0.005	0.005
16.980	0.005	0.005	0.005	0.005	0.005
17.030	0.005	0.005	0.005	0.005	0.005
17.080	0.005	0.005	0.005	0.005	0.005
17.130	0.005	0.005	0.005	0.005	0.005
17.180	0.005	0.005	0.005	0.005	0.005
17.230	0.005	0.005	0.005	0.005	0.005
17.280	0.005	0.005	0.005	0.005	0.005
17.330	0.005	0.005	0.005	0.005	0.005
17.380	0.005	0.005	0.005	0.005	0.005
17.430	0.005	0.005	0.005	0.005	0.005
17.480	0.005	0.005	0.005	0.005	0.005
17.530	0.005	0.005	0.005	0.005	0.005
17.580	0.005	0.005	0.005	0.005	0.005
17.630	0.005	0.005	0.005	0.005	0.005
17.680	0.005	0.005	0.005	0.005	0.005
17.730	0.005	0.005	0.005	0.005	0.005
17.780	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
17.830	0.005	0.005	0.005	0.005	0.005
17.880	0.005	0.005	0.005	0.005	0.005
17.930	0.005	0.005	0.005	0.005	0.005
17.980	0.005	0.005	0.005	0.005	0.005
18.030	0.005	0.005	0.005	0.005	0.005
18.080	0.005	0.005	0.005	0.005	0.005
18.130	0.005	0.005	0.005	0.005	0.005
18.180	0.005	0.005	0.005	0.005	0.005
18.230	0.005	0.005	0.005	0.005	0.005
18.280	0.005	0.005	0.005	0.005	0.005
18.330	0.005	0.005	0.005	0.005	0.005
18.380	0.005	0.005	0.005	0.005	0.005
18.430	0.005	0.005	0.005	0.005	0.005
18.480	0.005	0.005	0.005	0.005	0.005
18.530	0.005	0.005	0.005	0.005	0.005
18.580	0.005	0.005	0.005	0.005	0.005
18.630	0.005	0.005	0.005	0.005	0.005
18.680	0.005	0.005	0.005	0.005	0.005
18.730	0.005	0.005	0.005	0.005	0.005
18.780	0.005	0.005	0.005	0.005	0.005
18.830	0.005	0.005	0.005	0.005	0.005
18.880	0.005	0.005	0.005	0.005	0.005
18.930	0.005	0.005	0.005	0.005	0.005
18.980	0.005	0.005	0.005	0.005	0.005
19.030	0.005	0.005	0.005	0.005	0.005
19.080	0.005	0.005	0.005	0.005	0.005
19.130	0.005	0.005	0.005	0.005	0.005
19.180	0.005	0.005	0.005	0.005	0.005
19.230	0.005	0.005	0.005	0.005	0.005
19.280	0.005	0.005	0.005	0.005	0.005
19.330	0.005	0.005	0.005	0.005	0.005
19.380	0.005	0.005	0.005	0.005	0.005
19.430	0.005	0.005	0.005	0.005	0.005
19.480	0.005	0.005	0.005	0.005	0.005
19.530	0.005	0.005	0.005	0.005	0.005
19.580	0.005	0.005	0.005	0.005	0.005
19.630	0.005	0.005	0.005	0.005	0.005
19.680	0.005	0.005	0.005	0.005	0.005
19.730	0.005	0.005	0.005	0.005	0.005
19.780	0.005	0.005	0.005	0.005	0.005
19.830	0.005	0.005	0.005	0.005	0.005
19.880	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
19.930	0.005	0.005	0.005	0.005	0.005
19.980	0.005	0.005	0.005	0.005	0.005
20.030	0.005	0.005	0.005	0.005	0.005
20.080	0.005	0.005	0.005	0.005	0.005
20.130	0.005	0.005	0.005	0.005	0.005
20.180	0.005	0.005	0.005	0.005	0.005
20.230	0.005	0.005	0.005	0.005	0.005
20.280	0.005	0.005	0.005	0.005	0.005
20.330	0.005	0.005	0.005	0.005	0.005
20.380	0.005	0.005	0.005	0.005	0.005
20.430	0.005	0.005	0.005	0.005	0.005
20.480	0.005	0.005	0.005	0.005	0.005
20.530	0.005	0.005	0.005	0.005	0.005
20.580	0.005	0.005	0.005	0.005	0.005
20.630	0.005	0.005	0.005	0.005	0.005
20.680	0.005	0.005	0.005	0.005	0.005
20.730	0.005	0.005	0.005	0.005	0.005
20.780	0.005	0.005	0.005	0.005	0.005
20.830	0.005	0.005	0.005	0.005	0.005
20.880	0.005	0.005	0.005	0.005	0.005
20.930	0.005	0.005	0.005	0.005	0.005
20.980	0.005	0.005	0.005	0.005	0.005
21.030	0.005	0.005	0.005	0.005	0.005
21.080	0.005	0.005	0.005	0.005	0.005
21.130	0.005	0.005	0.005	0.005	0.005
21.180	0.005	0.005	0.005	0.005	0.005
21.230	0.005	0.005	0.005	0.005	0.005
21.280	0.005	0.005	0.005	0.005	0.005
21.330	0.005	0.005	0.005	0.005	0.005
21.380	0.005	0.005	0.005	0.005	0.005
21.430	0.005	0.005	0.005	0.005	0.005
21.480	0.005	0.005	0.005	0.005	0.005
21.530	0.005	0.005	0.005	0.005	0.005
21.580	0.005	0.005	0.005	0.005	0.005
21.630	0.005	0.005	0.005	0.005	0.005
21.680	0.005	0.005	0.005	0.005	0.005
21.730	0.005	0.005	0.005	0.005	0.005
21.780	0.005	0.005	0.005	0.005	0.005
21.830	0.005	0.005	0.005	0.005	0.005
21.880	0.005	0.005	0.005	0.005	0.005
21.930	0.005	0.005	0.005	0.005	0.005
21.980	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
22.030	0.005	0.005	0.005	0.005	0.005
22.080	0.005	0.005	0.005	0.005	0.005
22.130	0.005	0.005	0.005	0.005	0.005
22.180	0.005	0.005	0.005	0.005	0.005
22.230	0.005	0.005	0.005	0.005	0.005
22.280	0.005	0.005	0.005	0.005	0.005
22.330	0.005	0.005	0.005	0.005	0.005
22.380	0.005	0.005	0.005	0.005	0.005
22.430	0.005	0.005	0.005	0.005	0.005
22.480	0.005	0.005	0.005	0.005	0.005
22.530	0.005	0.005	0.005	0.005	0.005
22.580	0.005	0.005	0.005	0.005	0.005
22.630	0.005	0.005	0.005	0.005	0.005
22.680	0.005	0.005	0.005	0.005	0.005
22.730	0.005	0.005	0.005	0.005	0.005
22.780	0.005	0.005	0.005	0.005	0.005
22.830	0.005	0.005	0.005	0.005	0.005
22.880	0.005	0.005	0.005	0.005	0.005
22.930	0.005	0.005	0.005	0.005	0.005
22.980	0.005	0.005	0.005	0.005	0.005
23.030	0.005	0.005	0.005	0.005	0.005
23.080	0.005	0.005	0.005	0.005	0.005
23.130	0.005	0.005	0.005	0.005	0.005
23.180	0.005	0.005	0.005	0.005	0.005
23.230	0.005	0.005	0.005	0.005	0.005
23.280	0.005	0.005	0.005	0.005	0.005
23.330	0.005	0.005	0.005	0.005	0.005
23.380	0.005	0.005	0.005	0.005	0.005
23.430	0.005	0.005	0.005	0.005	0.005
23.480	0.005	0.005	0.005	0.005	0.005
23.530	0.005	0.005	0.005	0.005	0.005
23.580	0.005	0.005	0.005	0.005	0.005
23.630	0.005	0.005	0.005	0.005	0.005
23.680	0.005	0.005	0.005	0.005	0.005
23.730	0.005	0.005	0.005	0.005	0.005
23.780	0.005	0.005	0.005	0.005	0.005
23.830	0.005	0.005	0.005	0.005	0.005
23.880	0.005	0.005	0.005	0.005	0.005
23.930	0.005	0.005	0.005	0.005	0.005
23.980	0.005	0.005	0.005	0.005	0.005
24.030	0.005	0.005	0.005	0.005	0.005
24.080	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
24.130	0.005	0.005	0.005	0.005	0.005
24.180	0.005	0.005	0.005	0.005	0.005
24.230	0.005	0.005	0.005	0.005	0.005
24.280	0.005	0.005	0.005	0.005	0.005
24.330	0.005	0.005	0.005	0.005	0.005
24.380	0.005	0.005	0.005	0.005	0.005
24.430	0.005	0.005	0.005	0.005	0.005
24.480	0.005	0.005	0.005	0.005	0.005
24.530	0.005	0.005	0.005	0.005	0.005
24.580	0.005	0.005	0.005	0.005	0.005
24.630	0.005	0.005	0.005	0.005	0.005
24.680	0.005	0.005	0.005	0.005	0.005
24.730	0.005	0.005	0.005	0.005	0.005
24.780	0.005	0.005	0.005	0.005	0.005
24.830	0.005	0.005	0.005	0.005	0.005
24.880	0.005	0.005	0.005	0.005	0.005
24.930	0.005	0.005	0.005	0.005	0.005
24.980	0.005	0.005	0.005	0.005	0.005
25.030	0.005	0.005	0.005	0.005	0.005
25.080	0.005	0.005	0.005	0.005	0.005
25.130	0.005	0.005	0.005	0.005	0.005
25.180	0.005	0.005	0.005	0.005	0.005
25.230	0.005	0.005	0.005	0.005	0.005
25.280	0.005	0.005	0.005	0.005	0.005
25.330	0.005	0.005	0.005	0.005	0.005
25.380	0.005	0.005	0.005	0.005	0.005
25.430	0.005	0.005	0.005	0.005	0.005
25.480	0.005	0.005	0.005	0.005	0.005
25.530	0.005	0.005	0.005	0.005	0.005
25.580	0.005	0.005	0.005	0.005	0.005
25.630	0.005	0.005	0.005	0.005	0.005
25.680	0.005	0.005	0.005	0.005	0.005
25.730	0.005	0.005	0.005	0.005	0.005
25.780	0.005	0.005	0.005	0.005	0.005
25.830	0.005	0.005	0.005	0.005	0.005
25.880	0.005	0.005	0.005	0.005	0.005
25.930	0.005	0.005	0.005	0.005	0.005
25.980	0.005	0.005	0.005	0.005	0.005
26.030	0.005	0.005	0.005	0.005	0.005
26.080	0.005	0.005	0.005	0.005	0.005
26.130	0.005	0.005	0.005	0.005	0.005
26.180	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
26.230	0.005	0.005	0.005	0.005	0.005
26.280	0.005	0.005	0.005	0.005	0.005
26.330	0.005	0.005	0.005	0.005	0.005
26.380	0.005	0.005	0.005	0.005	0.005
26.430	0.005	0.005	0.005	0.005	0.005
26.480	0.005	0.005	0.005	0.005	0.005
26.530	0.005	0.005	0.005	0.005	0.005
26.580	0.005	0.005	0.005	0.005	0.005
26.630	0.005	0.005	0.005	0.005	0.005
26.680	0.005	0.005	0.005	0.005	0.005
26.730	0.005	0.005	0.005	0.005	0.005
26.780	0.005	0.005	0.005	0.005	0.005
26.830	0.005	0.005	0.005	0.005	0.005
26.880	0.005	0.005	0.005	0.005	0.005
26.930	0.005	0.005	0.005	0.005	0.005
26.980	0.005	0.005	0.005	0.005	0.005
27.030	0.005	0.005	0.005	0.005	0.005
27.080	0.005	0.005	0.005	0.005	0.005
27.130	0.005	0.005	0.005	0.005	0.005
27.180	0.005	0.005	0.005	0.005	0.005
27.230	0.005	0.005	0.005	0.005	0.005
27.280	0.005	0.005	0.005	0.005	0.005
27.330	0.005	0.005	0.005	0.005	0.005
27.380	0.005	0.005	0.005	0.005	0.005
27.430	0.005	0.005	0.005	0.005	0.005
27.480	0.005	0.005	0.005	0.005	0.005
27.530	0.005	0.005	0.005	0.005	0.005
27.580	0.005	0.005	0.005	0.005	0.005
27.630	0.005	0.005	0.005	0.005	0.005
27.680	0.005	0.005	0.005	0.005	0.005
27.730	0.005	0.005	0.005	0.005	0.005
27.780	0.005	0.005	0.005	0.005	0.005
27.830	0.005	0.005	0.005	0.005	0.005
27.880	0.005	0.005	0.005	0.005	0.005
27.930	0.005	0.005	0.005	0.005	0.005
27.980	0.005	0.005	0.005	0.005	0.005
28.030	0.005	0.005	0.005	0.005	0.005
28.080	0.005	0.005	0.005	0.005	0.005
28.130	0.005	0.005	0.005	0.005	0.005
28.180	0.005	0.005	0.005	0.005	0.005
28.230	0.005	0.005	0.005	0.005	0.005
28.280	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
28.330	0.005	0.005	0.005	0.005	0.005
28.380	0.005	0.005	0.005	0.005	0.005
28.430	0.005	0.005	0.005	0.005	0.005
28.480	0.005	0.005	0.005	0.005	0.005
28.530	0.005	0.005	0.005	0.005	0.005
28.580	0.005	0.005	0.005	0.005	0.005
28.630	0.005	0.005	0.005	0.005	0.005
28.680	0.005	0.005	0.005	0.005	0.005
28.730	0.005	0.005	0.005	0.005	0.005
28.780	0.005	0.005	0.005	0.005	0.005
28.830	0.005	0.005	0.005	0.005	0.005
28.880	0.005	0.005	0.005	0.005	0.005
28.930	0.005	0.005	0.005	0.005	0.005
28.980	0.005	0.005	0.005	0.005	0.005
29.030	0.005	0.005	0.005	0.005	0.005
29.080	0.005	0.005	0.005	0.005	0.005
29.130	0.005	0.005	0.005	0.005	0.005
29.180	0.005	0.005	0.005	0.005	0.005
29.230	0.005	0.005	0.005	0.005	0.005
29.280	0.005	0.005	0.005	0.005	0.005
29.330	0.005	0.005	0.005	0.005	0.005
29.380	0.005	0.005	0.005	0.005	0.005
29.430	0.005	0.005	0.005	0.005	0.005
29.480	0.005	0.005	0.005	0.005	0.005
29.530	0.005	0.005	0.005	0.005	0.005
29.580	0.005	0.005	0.005	0.005	0.005
29.630	0.005	0.005	0.005	0.005	0.005
29.680	0.005	0.005	0.005	0.005	0.005
29.730	0.005	0.005	0.005	0.005	0.005
29.780	0.005	0.005	0.005	0.005	0.005
29.830	0.005	0.005	0.005	0.005	0.005
29.880	0.005	0.005	0.005	0.005	0.005
29.930	0.005	0.005	0.005	0.005	0.005
29.980	0.005	0.005	0.005	0.005	0.005
30.030	0.005	0.005	0.005	0.005	0.005
30.080	0.005	0.005	0.005	0.005	0.005
30.130	0.005	0.005	0.005	0.005	0.005
30.180	0.005	0.005	0.005	0.005	0.005
30.230	0.005	0.005	0.005	0.005	0.005
30.280	0.005	0.005	0.005	0.005	0.005
30.330	0.005	0.005	0.005	0.005	0.005
30.380	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
30.430	0.005	0.005	0.005	0.005	0.005
30.480	0.005	0.005	0.005	0.005	0.005
30.530	0.005	0.005	0.005	0.005	0.005
30.580	0.005	0.005	0.005	0.005	0.005
30.630	0.005	0.005	0.005	0.005	0.005
30.680	0.005	0.005	0.005	0.005	0.005
30.730	0.005	0.005	0.005	0.005	0.005
30.780	0.005	0.005	0.005	0.005	0.005
30.830	0.005	0.005	0.005	0.005	0.005
30.880	0.005	0.005	0.005	0.005	0.005
30.930	0.005	0.005	0.005	0.005	0.005
30.980	0.005	0.005	0.005	0.005	0.005
31.030	0.005	0.005	0.005	0.005	0.005
31.080	0.005	0.005	0.005	0.005	0.005
31.130	0.005	0.005	0.005	0.005	0.005
31.180	0.005	0.005	0.005	0.005	0.005
31.230	0.005	0.005	0.005	0.005	0.005
31.280	0.005	0.005	0.005	0.005	0.005
31.330	0.005	0.005	0.005	0.005	0.005
31.380	0.005	0.005	0.005	0.005	0.005
31.430	0.005	0.005	0.005	0.005	0.005
31.480	0.005	0.005	0.005	0.005	0.005
31.530	0.005	0.005	0.005	0.005	0.005
31.580	0.005	0.005	0.005	0.005	0.005
31.630	0.005	0.005	0.005	0.005	0.005
31.680	0.005	0.005	0.005	0.005	0.005
31.730	0.005	0.005	0.005	0.005	0.005
31.780	0.005	0.005	0.005	0.005	0.005
31.830	0.005	0.005	0.005	0.005	0.005
31.880	0.005	0.005	0.005	0.005	0.005
31.930	0.005	0.005	0.005	0.005	0.005
31.980	0.005	0.005	0.005	0.005	0.005
32.030	0.005	0.005	0.005	0.005	0.005
32.080	0.005	0.005	0.005	0.005	0.005
32.130	0.005	0.005	0.005	0.005	0.005
32.180	0.005	0.005	0.005	0.005	0.005
32.230	0.005	0.005	0.005	0.005	0.005
32.280	0.005	0.005	0.005	0.005	0.005
32.330	0.005	0.005	0.005	0.005	0.005
32.380	0.005	0.005	0.005	0.005	0.005
32.430	0.005	0.005	0.005	0.005	0.005
32.480	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
32.530	0.005	0.005	0.005	0.005	0.005
32.580	0.005	0.005	0.005	0.005	0.005
32.630	0.005	0.005	0.005	0.005	0.005
32.680	0.005	0.005	0.005	0.005	0.005
32.730	0.005	0.005	0.005	0.005	0.005
32.780	0.005	0.005	0.005	0.005	0.005
32.830	0.005	0.005	0.005	0.005	0.005
32.880	0.005	0.005	0.005	0.005	0.005
32.930	0.005	0.005	0.005	0.005	0.005
32.980	0.005	0.005	0.005	0.005	0.005
33.030	0.005	0.005	0.005	0.005	0.005
33.080	0.005	0.005	0.005	0.005	0.005
33.130	0.005	0.005	0.005	0.005	0.005
33.180	0.005	0.005	0.005	0.005	0.005
33.230	0.005	0.005	0.005	0.005	0.005
33.280	0.005	0.005	0.004	0.004	0.004
33.330	0.004	0.004	0.004	0.004	0.004
33.380	0.004	0.004	0.004	0.004	0.004
33.430	0.004	0.004	0.004	0.004	0.004
33.480	0.004	0.004	0.004	0.004	0.004
33.530	0.004	0.004	0.004	0.004	0.004
33.580	0.004	0.004	0.004	0.004	0.004
33.630	0.004	0.004	0.003	0.003	0.003
33.680	0.003	0.003	0.003	0.003	0.003
33.730	0.003	0.003	0.003	0.003	0.003
33.780	0.003	0.003	0.003	0.003	0.003
33.830	0.003	0.003	0.003	0.003	0.003
33.880	0.003	0.003	0.003	0.003	0.003
33.930	0.003	0.003	0.003	0.003	0.003
33.980	0.003	0.003	0.003	0.003	0.003
34.030	0.003	0.003	0.003	0.003	0.003
34.080	0.003	0.003	0.003	0.003	0.003
34.130	0.002	0.002	0.002	0.002	0.002
34.180	0.002	0.002	0.002	0.002	0.002
34.230	0.002	0.002	0.002	0.002	0.002
34.280	0.002	0.002	0.002	0.002	0.002
34.330	0.002	0.002	0.002	0.002	0.002
34.380	0.002	0.002	0.002	0.002	0.002
34.430	0.002	0.002	0.002	0.002	0.002
34.480	0.002	0.002	0.002	0.002	0.002
34.530	0.002	0.002	0.002	0.002	0.002
34.580	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-3 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
34.630	0.002	0.002	0.002	0.002	0.002
34.680	0.002	0.002	0.002	0.002	0.002
34.730	0.002	0.002	0.002	0.002	0.002
34.780	0.002	0.002	0.002	0.002	0.002
34.830	0.002	0.002	0.001	0.001	0.001
34.880	0.001	0.001	0.001	0.001	0.001
34.930	0.001	0.001	0.001	0.001	0.001
34.980	0.001	0.001	0.001	0.001	0.001
35.030	0.001	0.001	0.001	0.001	0.001
35.080	0.001	0.001	0.001	0.001	0.001
35.130	0.001	0.001	0.001	0.001	0.001
35.180	0.001	0.001	0.001	0.001	0.001
35.230	0.001	0.001	0.001	0.001	0.001
35.280	0.001	0.001	0.001	0.001	0.001
35.330	0.001	0.001	0.001	0.001	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: BRB-1-4 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.005 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	107.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
107.00	0.000	0.000	0.00	0.000	0.000	0.000
107.50	0.000	27.500	0.00	0.005	0.005	1.533
108.00	0.000	55.000	0.00	0.005	0.005	3.061
108.50	0.000	82.500	0.00	0.005	0.005	4.589
109.00	0.000	110.000	0.00	0.005	0.005	6.117
109.25	0.000	253.000	0.00	0.005	0.005	14.061
109.50	0.084	396.000	0.00	0.005	0.089	22.089
109.75	0.145	539.000	0.00	0.005	0.150	30.095
110.00	4.062	682.000	0.00	0.005	4.067	41.956
110.50	20.386	1,022.500	0.00	0.005	20.391	77.197
111.00	43.625	1,363.000	0.00	0.005	43.630	119.353

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.005 ft³/s
Time to Peak	27.070 hours
Hydrograph Volume	517.376 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
10.200	0.001	0.001	0.001	0.001	0.001
10.250	0.001	0.002	0.002	0.002	0.002
10.300	0.002	0.002	0.002	0.002	0.002
10.350	0.003	0.003	0.003	0.003	0.003
10.400	0.003	0.003	0.003	0.003	0.004
10.450	0.004	0.004	0.004	0.004	0.004
10.500	0.004	0.004	0.005	0.005	0.005
10.550	0.005	0.005	0.005	0.005	0.005
10.600	0.005	0.005	0.005	0.005	0.005
10.650	0.005	0.005	0.005	0.005	0.005
10.700	0.005	0.005	0.005	0.005	0.005
10.750	0.005	0.005	0.005	0.005	0.005
10.800	0.005	0.005	0.005	0.005	0.005
10.850	0.005	0.005	0.005	0.005	0.005
10.900	0.005	0.005	0.005	0.005	0.005
10.950	0.005	0.005	0.005	0.005	0.005
11.000	0.005	0.005	0.005	0.005	0.005
11.050	0.005	0.005	0.005	0.005	0.005
11.100	0.005	0.005	0.005	0.005	0.005
11.150	0.005	0.005	0.005	0.005	0.005
11.200	0.005	0.005	0.005	0.005	0.005
11.250	0.005	0.005	0.005	0.005	0.005
11.300	0.005	0.005	0.005	0.005	0.005
11.350	0.005	0.005	0.005	0.005	0.005
11.400	0.005	0.005	0.005	0.005	0.005
11.450	0.005	0.005	0.005	0.005	0.005
11.500	0.005	0.005	0.005	0.005	0.005
11.550	0.005	0.005	0.005	0.005	0.005
11.600	0.005	0.005	0.005	0.005	0.005
11.650	0.005	0.005	0.005	0.005	0.005
11.700	0.005	0.005	0.005	0.005	0.005
11.750	0.005	0.005	0.005	0.005	0.005
11.800	0.005	0.005	0.005	0.005	0.005
11.850	0.005	0.005	0.005	0.005	0.005
11.900	0.005	0.005	0.005	0.005	0.005
11.950	0.005	0.005	0.005	0.005	0.005
12.000	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
12.050	0.005	0.005	0.005	0.005	0.005
12.100	0.005	0.005	0.005	0.005	0.005
12.150	0.005	0.005	0.005	0.005	0.005
12.200	0.005	0.005	0.005	0.005	0.005
12.250	0.005	0.005	0.005	0.005	0.005
12.300	0.005	0.005	0.005	0.005	0.005
12.350	0.005	0.005	0.005	0.005	0.005
12.400	0.005	0.005	0.005	0.005	0.005
12.450	0.005	0.005	0.005	0.005	0.005
12.500	0.005	0.005	0.005	0.005	0.005
12.550	0.005	0.005	0.005	0.005	0.005
12.600	0.005	0.005	0.005	0.005	0.005
12.650	0.005	0.005	0.005	0.005	0.005
12.700	0.005	0.005	0.005	0.005	0.005
12.750	0.005	0.005	0.005	0.005	0.005
12.800	0.005	0.005	0.005	0.005	0.005
12.850	0.005	0.005	0.005	0.005	0.005
12.900	0.005	0.005	0.005	0.005	0.005
12.950	0.005	0.005	0.005	0.005	0.005
13.000	0.005	0.005	0.005	0.005	0.005
13.050	0.005	0.005	0.005	0.005	0.005
13.100	0.005	0.005	0.005	0.005	0.005
13.150	0.005	0.005	0.005	0.005	0.005
13.200	0.005	0.005	0.005	0.005	0.005
13.250	0.005	0.005	0.005	0.005	0.005
13.300	0.005	0.005	0.005	0.005	0.005
13.350	0.005	0.005	0.005	0.005	0.005
13.400	0.005	0.005	0.005	0.005	0.005
13.450	0.005	0.005	0.005	0.005	0.005
13.500	0.005	0.005	0.005	0.005	0.005
13.550	0.005	0.005	0.005	0.005	0.005
13.600	0.005	0.005	0.005	0.005	0.005
13.650	0.005	0.005	0.005	0.005	0.005
13.700	0.005	0.005	0.005	0.005	0.005
13.750	0.005	0.005	0.005	0.005	0.005
13.800	0.005	0.005	0.005	0.005	0.005
13.850	0.005	0.005	0.005	0.005	0.005
13.900	0.005	0.005	0.005	0.005	0.005
13.950	0.005	0.005	0.005	0.005	0.005
14.000	0.005	0.005	0.005	0.005	0.005
14.050	0.005	0.005	0.005	0.005	0.005
14.100	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
14.150	0.005	0.005	0.005	0.005	0.005
14.200	0.005	0.005	0.005	0.005	0.005
14.250	0.005	0.005	0.005	0.005	0.005
14.300	0.005	0.005	0.005	0.005	0.005
14.350	0.005	0.005	0.005	0.005	0.005
14.400	0.005	0.005	0.005	0.005	0.005
14.450	0.005	0.005	0.005	0.005	0.005
14.500	0.005	0.005	0.005	0.005	0.005
14.550	0.005	0.005	0.005	0.005	0.005
14.600	0.005	0.005	0.005	0.005	0.005
14.650	0.005	0.005	0.005	0.005	0.005
14.700	0.005	0.005	0.005	0.005	0.005
14.750	0.005	0.005	0.005	0.005	0.005
14.800	0.005	0.005	0.005	0.005	0.005
14.850	0.005	0.005	0.005	0.005	0.005
14.900	0.005	0.005	0.005	0.005	0.005
14.950	0.005	0.005	0.005	0.005	0.005
15.000	0.005	0.005	0.005	0.005	0.005
15.050	0.005	0.005	0.005	0.005	0.005
15.100	0.005	0.005	0.005	0.005	0.005
15.150	0.005	0.005	0.005	0.005	0.005
15.200	0.005	0.005	0.005	0.005	0.005
15.250	0.005	0.005	0.005	0.005	0.005
15.300	0.005	0.005	0.005	0.005	0.005
15.350	0.005	0.005	0.005	0.005	0.005
15.400	0.005	0.005	0.005	0.005	0.005
15.450	0.005	0.005	0.005	0.005	0.005
15.500	0.005	0.005	0.005	0.005	0.005
15.550	0.005	0.005	0.005	0.005	0.005
15.600	0.005	0.005	0.005	0.005	0.005
15.650	0.005	0.005	0.005	0.005	0.005
15.700	0.005	0.005	0.005	0.005	0.005
15.750	0.005	0.005	0.005	0.005	0.005
15.800	0.005	0.005	0.005	0.005	0.005
15.850	0.005	0.005	0.005	0.005	0.005
15.900	0.005	0.005	0.005	0.005	0.005
15.950	0.005	0.005	0.005	0.005	0.005
16.000	0.005	0.005	0.005	0.005	0.005
16.050	0.005	0.005	0.005	0.005	0.005
16.100	0.005	0.005	0.005	0.005	0.005
16.150	0.005	0.005	0.005	0.005	0.005
16.200	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
16.250	0.005	0.005	0.005	0.005	0.005
16.300	0.005	0.005	0.005	0.005	0.005
16.350	0.005	0.005	0.005	0.005	0.005
16.400	0.005	0.005	0.005	0.005	0.005
16.450	0.005	0.005	0.005	0.005	0.005
16.500	0.005	0.005	0.005	0.005	0.005
16.550	0.005	0.005	0.005	0.005	0.005
16.600	0.005	0.005	0.005	0.005	0.005
16.650	0.005	0.005	0.005	0.005	0.005
16.700	0.005	0.005	0.005	0.005	0.005
16.750	0.005	0.005	0.005	0.005	0.005
16.800	0.005	0.005	0.005	0.005	0.005
16.850	0.005	0.005	0.005	0.005	0.005
16.900	0.005	0.005	0.005	0.005	0.005
16.950	0.005	0.005	0.005	0.005	0.005
17.000	0.005	0.005	0.005	0.005	0.005
17.050	0.005	0.005	0.005	0.005	0.005
17.100	0.005	0.005	0.005	0.005	0.005
17.150	0.005	0.005	0.005	0.005	0.005
17.200	0.005	0.005	0.005	0.005	0.005
17.250	0.005	0.005	0.005	0.005	0.005
17.300	0.005	0.005	0.005	0.005	0.005
17.350	0.005	0.005	0.005	0.005	0.005
17.400	0.005	0.005	0.005	0.005	0.005
17.450	0.005	0.005	0.005	0.005	0.005
17.500	0.005	0.005	0.005	0.005	0.005
17.550	0.005	0.005	0.005	0.005	0.005
17.600	0.005	0.005	0.005	0.005	0.005
17.650	0.005	0.005	0.005	0.005	0.005
17.700	0.005	0.005	0.005	0.005	0.005
17.750	0.005	0.005	0.005	0.005	0.005
17.800	0.005	0.005	0.005	0.005	0.005
17.850	0.005	0.005	0.005	0.005	0.005
17.900	0.005	0.005	0.005	0.005	0.005
17.950	0.005	0.005	0.005	0.005	0.005
18.000	0.005	0.005	0.005	0.005	0.005
18.050	0.005	0.005	0.005	0.005	0.005
18.100	0.005	0.005	0.005	0.005	0.005
18.150	0.005	0.005	0.005	0.005	0.005
18.200	0.005	0.005	0.005	0.005	0.005
18.250	0.005	0.005	0.005	0.005	0.005
18.300	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
18.350	0.005	0.005	0.005	0.005	0.005
18.400	0.005	0.005	0.005	0.005	0.005
18.450	0.005	0.005	0.005	0.005	0.005
18.500	0.005	0.005	0.005	0.005	0.005
18.550	0.005	0.005	0.005	0.005	0.005
18.600	0.005	0.005	0.005	0.005	0.005
18.650	0.005	0.005	0.005	0.005	0.005
18.700	0.005	0.005	0.005	0.005	0.005
18.750	0.005	0.005	0.005	0.005	0.005
18.800	0.005	0.005	0.005	0.005	0.005
18.850	0.005	0.005	0.005	0.005	0.005
18.900	0.005	0.005	0.005	0.005	0.005
18.950	0.005	0.005	0.005	0.005	0.005
19.000	0.005	0.005	0.005	0.005	0.005
19.050	0.005	0.005	0.005	0.005	0.005
19.100	0.005	0.005	0.005	0.005	0.005
19.150	0.005	0.005	0.005	0.005	0.005
19.200	0.005	0.005	0.005	0.005	0.005
19.250	0.005	0.005	0.005	0.005	0.005
19.300	0.005	0.005	0.005	0.005	0.005
19.350	0.005	0.005	0.005	0.005	0.005
19.400	0.005	0.005	0.005	0.005	0.005
19.450	0.005	0.005	0.005	0.005	0.005
19.500	0.005	0.005	0.005	0.005	0.005
19.550	0.005	0.005	0.005	0.005	0.005
19.600	0.005	0.005	0.005	0.005	0.005
19.650	0.005	0.005	0.005	0.005	0.005
19.700	0.005	0.005	0.005	0.005	0.005
19.750	0.005	0.005	0.005	0.005	0.005
19.800	0.005	0.005	0.005	0.005	0.005
19.850	0.005	0.005	0.005	0.005	0.005
19.900	0.005	0.005	0.005	0.005	0.005
19.950	0.005	0.005	0.005	0.005	0.005
20.000	0.005	0.005	0.005	0.005	0.005
20.050	0.005	0.005	0.005	0.005	0.005
20.100	0.005	0.005	0.005	0.005	0.005
20.150	0.005	0.005	0.005	0.005	0.005
20.200	0.005	0.005	0.005	0.005	0.005
20.250	0.005	0.005	0.005	0.005	0.005
20.300	0.005	0.005	0.005	0.005	0.005
20.350	0.005	0.005	0.005	0.005	0.005
20.400	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
20.450	0.005	0.005	0.005	0.005	0.005
20.500	0.005	0.005	0.005	0.005	0.005
20.550	0.005	0.005	0.005	0.005	0.005
20.600	0.005	0.005	0.005	0.005	0.005
20.650	0.005	0.005	0.005	0.005	0.005
20.700	0.005	0.005	0.005	0.005	0.005
20.750	0.005	0.005	0.005	0.005	0.005
20.800	0.005	0.005	0.005	0.005	0.005
20.850	0.005	0.005	0.005	0.005	0.005
20.900	0.005	0.005	0.005	0.005	0.005
20.950	0.005	0.005	0.005	0.005	0.005
21.000	0.005	0.005	0.005	0.005	0.005
21.050	0.005	0.005	0.005	0.005	0.005
21.100	0.005	0.005	0.005	0.005	0.005
21.150	0.005	0.005	0.005	0.005	0.005
21.200	0.005	0.005	0.005	0.005	0.005
21.250	0.005	0.005	0.005	0.005	0.005
21.300	0.005	0.005	0.005	0.005	0.005
21.350	0.005	0.005	0.005	0.005	0.005
21.400	0.005	0.005	0.005	0.005	0.005
21.450	0.005	0.005	0.005	0.005	0.005
21.500	0.005	0.005	0.005	0.005	0.005
21.550	0.005	0.005	0.005	0.005	0.005
21.600	0.005	0.005	0.005	0.005	0.005
21.650	0.005	0.005	0.005	0.005	0.005
21.700	0.005	0.005	0.005	0.005	0.005
21.750	0.005	0.005	0.005	0.005	0.005
21.800	0.005	0.005	0.005	0.005	0.005
21.850	0.005	0.005	0.005	0.005	0.005
21.900	0.005	0.005	0.005	0.005	0.005
21.950	0.005	0.005	0.005	0.005	0.005
22.000	0.005	0.005	0.005	0.005	0.005
22.050	0.005	0.005	0.005	0.005	0.005
22.100	0.005	0.005	0.005	0.005	0.005
22.150	0.005	0.005	0.005	0.005	0.005
22.200	0.005	0.005	0.005	0.005	0.005
22.250	0.005	0.005	0.005	0.005	0.005
22.300	0.005	0.005	0.005	0.005	0.005
22.350	0.005	0.005	0.005	0.005	0.005
22.400	0.005	0.005	0.005	0.005	0.005
22.450	0.005	0.005	0.005	0.005	0.005
22.500	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
22.550	0.005	0.005	0.005	0.005	0.005
22.600	0.005	0.005	0.005	0.005	0.005
22.650	0.005	0.005	0.005	0.005	0.005
22.700	0.005	0.005	0.005	0.005	0.005
22.750	0.005	0.005	0.005	0.005	0.005
22.800	0.005	0.005	0.005	0.005	0.005
22.850	0.005	0.005	0.005	0.005	0.005
22.900	0.005	0.005	0.005	0.005	0.005
22.950	0.005	0.005	0.005	0.005	0.005
23.000	0.005	0.005	0.005	0.005	0.005
23.050	0.005	0.005	0.005	0.005	0.005
23.100	0.005	0.005	0.005	0.005	0.005
23.150	0.005	0.005	0.005	0.005	0.005
23.200	0.005	0.005	0.005	0.005	0.005
23.250	0.005	0.005	0.005	0.005	0.005
23.300	0.005	0.005	0.005	0.005	0.005
23.350	0.005	0.005	0.005	0.005	0.005
23.400	0.005	0.005	0.005	0.005	0.005
23.450	0.005	0.005	0.005	0.005	0.005
23.500	0.005	0.005	0.005	0.005	0.005
23.550	0.005	0.005	0.005	0.005	0.005
23.600	0.005	0.005	0.005	0.005	0.005
23.650	0.005	0.005	0.005	0.005	0.005
23.700	0.005	0.005	0.005	0.005	0.005
23.750	0.005	0.005	0.005	0.005	0.005
23.800	0.005	0.005	0.005	0.005	0.005
23.850	0.005	0.005	0.005	0.005	0.005
23.900	0.005	0.005	0.005	0.005	0.005
23.950	0.005	0.005	0.005	0.005	0.005
24.000	0.005	0.005	0.005	0.005	0.005
24.050	0.005	0.005	0.005	0.005	0.005
24.100	0.005	0.005	0.005	0.005	0.005
24.150	0.005	0.005	0.005	0.005	0.005
24.200	0.005	0.005	0.005	0.005	0.005
24.250	0.005	0.005	0.005	0.005	0.005
24.300	0.005	0.005	0.005	0.005	0.005
24.350	0.005	0.005	0.005	0.005	0.005
24.400	0.005	0.005	0.005	0.005	0.005
24.450	0.005	0.005	0.005	0.005	0.005
24.500	0.005	0.005	0.005	0.005	0.005
24.550	0.005	0.005	0.005	0.005	0.005
24.600	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
24.650	0.005	0.005	0.005	0.005	0.005
24.700	0.005	0.005	0.005	0.005	0.005
24.750	0.005	0.005	0.005	0.005	0.005
24.800	0.005	0.005	0.005	0.005	0.005
24.850	0.005	0.005	0.005	0.005	0.005
24.900	0.005	0.005	0.005	0.005	0.005
24.950	0.005	0.005	0.005	0.005	0.005
25.000	0.005	0.005	0.005	0.005	0.005
25.050	0.005	0.005	0.005	0.005	0.005
25.100	0.005	0.005	0.005	0.005	0.005
25.150	0.005	0.005	0.005	0.005	0.005
25.200	0.005	0.005	0.005	0.005	0.005
25.250	0.005	0.005	0.005	0.005	0.005
25.300	0.005	0.005	0.005	0.005	0.005
25.350	0.005	0.005	0.005	0.005	0.005
25.400	0.005	0.005	0.005	0.005	0.005
25.450	0.005	0.005	0.005	0.005	0.005
25.500	0.005	0.005	0.005	0.005	0.005
25.550	0.005	0.005	0.005	0.005	0.005
25.600	0.005	0.005	0.005	0.005	0.005
25.650	0.005	0.005	0.005	0.005	0.005
25.700	0.005	0.005	0.005	0.005	0.005
25.750	0.005	0.005	0.005	0.005	0.005
25.800	0.005	0.005	0.005	0.005	0.005
25.850	0.005	0.005	0.005	0.005	0.005
25.900	0.005	0.005	0.005	0.005	0.005
25.950	0.005	0.005	0.005	0.005	0.005
26.000	0.005	0.005	0.005	0.005	0.005
26.050	0.005	0.005	0.005	0.005	0.005
26.100	0.005	0.005	0.005	0.005	0.005
26.150	0.005	0.005	0.005	0.005	0.005
26.200	0.005	0.005	0.005	0.005	0.005
26.250	0.005	0.005	0.005	0.005	0.005
26.300	0.005	0.005	0.005	0.005	0.005
26.350	0.005	0.005	0.005	0.005	0.005
26.400	0.005	0.005	0.005	0.005	0.005
26.450	0.005	0.005	0.005	0.005	0.005
26.500	0.005	0.005	0.005	0.005	0.005
26.550	0.005	0.005	0.005	0.005	0.005
26.600	0.005	0.005	0.005	0.005	0.005
26.650	0.005	0.005	0.005	0.005	0.005
26.700	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
26.750	0.005	0.005	0.005	0.005	0.005
26.800	0.005	0.005	0.005	0.005	0.005
26.850	0.005	0.005	0.005	0.005	0.005
26.900	0.005	0.005	0.005	0.005	0.005
26.950	0.005	0.005	0.005	0.005	0.005
27.000	0.005	0.005	0.005	0.005	0.005
27.050	0.005	0.005	0.005	0.005	0.005
27.100	0.005	0.005	0.005	0.005	0.005
27.150	0.005	0.005	0.005	0.005	0.005
27.200	0.005	0.005	0.005	0.005	0.005
27.250	0.005	0.005	0.005	0.005	0.005
27.300	0.005	0.005	0.005	0.005	0.005
27.350	0.005	0.005	0.005	0.005	0.005
27.400	0.005	0.005	0.005	0.005	0.005
27.450	0.005	0.005	0.005	0.005	0.005
27.500	0.005	0.005	0.005	0.005	0.005
27.550	0.005	0.005	0.005	0.005	0.005
27.600	0.005	0.005	0.005	0.005	0.005
27.650	0.005	0.005	0.005	0.005	0.005
27.700	0.005	0.005	0.005	0.005	0.005
27.750	0.005	0.005	0.005	0.005	0.005
27.800	0.005	0.005	0.005	0.005	0.005
27.850	0.005	0.005	0.005	0.005	0.005
27.900	0.005	0.005	0.005	0.005	0.005
27.950	0.005	0.005	0.005	0.005	0.005
28.000	0.005	0.005	0.005	0.005	0.005
28.050	0.005	0.005	0.005	0.005	0.005
28.100	0.005	0.005	0.005	0.005	0.005
28.150	0.005	0.005	0.005	0.005	0.005
28.200	0.005	0.005	0.005	0.005	0.005
28.250	0.005	0.005	0.005	0.005	0.005
28.300	0.005	0.005	0.005	0.005	0.005
28.350	0.005	0.005	0.005	0.005	0.005
28.400	0.005	0.005	0.005	0.005	0.005
28.450	0.005	0.005	0.005	0.005	0.005
28.500	0.005	0.005	0.005	0.005	0.005
28.550	0.005	0.005	0.005	0.005	0.005
28.600	0.005	0.005	0.005	0.005	0.005
28.650	0.005	0.005	0.005	0.005	0.005
28.700	0.005	0.005	0.005	0.005	0.005
28.750	0.005	0.005	0.005	0.005	0.005
28.800	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
28.850	0.005	0.005	0.005	0.005	0.005
28.900	0.005	0.005	0.005	0.005	0.005
28.950	0.005	0.005	0.005	0.005	0.005
29.000	0.005	0.005	0.005	0.005	0.005
29.050	0.005	0.005	0.005	0.005	0.005
29.100	0.005	0.005	0.005	0.005	0.005
29.150	0.005	0.005	0.005	0.005	0.005
29.200	0.005	0.005	0.005	0.005	0.005
29.250	0.005	0.005	0.005	0.005	0.005
29.300	0.005	0.005	0.005	0.005	0.005
29.350	0.005	0.005	0.005	0.005	0.005
29.400	0.005	0.005	0.005	0.005	0.005
29.450	0.005	0.005	0.005	0.005	0.005
29.500	0.005	0.005	0.005	0.005	0.005
29.550	0.005	0.005	0.005	0.005	0.005
29.600	0.005	0.005	0.005	0.005	0.005
29.650	0.005	0.005	0.005	0.005	0.005
29.700	0.005	0.005	0.005	0.005	0.005
29.750	0.005	0.005	0.005	0.005	0.005
29.800	0.005	0.005	0.005	0.005	0.005
29.850	0.005	0.005	0.005	0.005	0.005
29.900	0.005	0.005	0.005	0.005	0.005
29.950	0.005	0.005	0.005	0.005	0.005
30.000	0.005	0.005	0.005	0.005	0.005
30.050	0.005	0.005	0.005	0.005	0.005
30.100	0.005	0.005	0.005	0.005	0.005
30.150	0.005	0.005	0.005	0.005	0.005
30.200	0.005	0.005	0.005	0.005	0.005
30.250	0.005	0.005	0.005	0.005	0.005
30.300	0.005	0.005	0.005	0.005	0.005
30.350	0.005	0.005	0.005	0.005	0.005
30.400	0.005	0.005	0.005	0.005	0.005
30.450	0.005	0.005	0.005	0.005	0.005
30.500	0.005	0.005	0.005	0.005	0.005
30.550	0.005	0.005	0.005	0.005	0.005
30.600	0.005	0.005	0.005	0.005	0.005
30.650	0.005	0.005	0.005	0.005	0.005
30.700	0.005	0.005	0.005	0.005	0.005
30.750	0.005	0.005	0.005	0.005	0.005
30.800	0.005	0.005	0.005	0.005	0.005
30.850	0.005	0.005	0.005	0.005	0.005
30.900	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
30.950	0.005	0.005	0.005	0.005	0.005
31.000	0.005	0.005	0.005	0.005	0.005
31.050	0.005	0.005	0.005	0.005	0.005
31.100	0.005	0.005	0.005	0.005	0.005
31.150	0.005	0.005	0.005	0.005	0.005
31.200	0.005	0.005	0.005	0.005	0.005
31.250	0.005	0.005	0.005	0.005	0.005
31.300	0.005	0.005	0.005	0.005	0.005
31.350	0.005	0.005	0.005	0.005	0.005
31.400	0.005	0.005	0.005	0.005	0.005
31.450	0.005	0.005	0.005	0.005	0.005
31.500	0.005	0.005	0.005	0.005	0.005
31.550	0.005	0.005	0.005	0.005	0.005
31.600	0.005	0.005	0.005	0.005	0.005
31.650	0.005	0.005	0.005	0.005	0.005
31.700	0.005	0.005	0.005	0.005	0.005
31.750	0.005	0.005	0.005	0.005	0.005
31.800	0.005	0.005	0.005	0.005	0.005
31.850	0.005	0.005	0.005	0.005	0.005
31.900	0.005	0.005	0.005	0.005	0.005
31.950	0.005	0.005	0.005	0.005	0.005
32.000	0.005	0.005	0.005	0.005	0.005
32.050	0.005	0.005	0.005	0.005	0.005
32.100	0.005	0.005	0.005	0.005	0.005
32.150	0.005	0.005	0.005	0.005	0.005
32.200	0.005	0.005	0.005	0.005	0.005
32.250	0.005	0.005	0.005	0.005	0.005
32.300	0.005	0.005	0.005	0.005	0.005
32.350	0.005	0.005	0.005	0.005	0.005
32.400	0.005	0.005	0.005	0.005	0.005
32.450	0.005	0.005	0.005	0.005	0.005
32.500	0.005	0.005	0.005	0.005	0.005
32.550	0.005	0.005	0.005	0.005	0.005
32.600	0.005	0.005	0.005	0.005	0.005
32.650	0.005	0.005	0.005	0.005	0.005
32.700	0.005	0.005	0.005	0.005	0.005
32.750	0.005	0.005	0.005	0.005	0.005
32.800	0.005	0.005	0.005	0.005	0.005
32.850	0.005	0.005	0.005	0.005	0.005
32.900	0.005	0.005	0.005	0.005	0.005
32.950	0.005	0.005	0.005	0.005	0.005
33.000	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
33.050	0.005	0.005	0.005	0.005	0.005
33.100	0.005	0.005	0.005	0.005	0.005
33.150	0.005	0.005	0.005	0.005	0.005
33.200	0.005	0.005	0.005	0.005	0.005
33.250	0.005	0.005	0.005	0.005	0.005
33.300	0.005	0.005	0.005	0.005	0.005
33.350	0.005	0.005	0.005	0.005	0.005
33.400	0.005	0.005	0.005	0.005	0.005
33.450	0.005	0.005	0.005	0.005	0.005
33.500	0.005	0.005	0.005	0.005	0.005
33.550	0.005	0.005	0.005	0.005	0.005
33.600	0.005	0.005	0.005	0.005	0.005
33.650	0.005	0.005	0.005	0.005	0.005
33.700	0.005	0.005	0.005	0.005	0.005
33.750	0.005	0.005	0.005	0.005	0.005
33.800	0.005	0.005	0.005	0.005	0.005
33.850	0.005	0.005	0.005	0.005	0.005
33.900	0.005	0.005	0.005	0.005	0.005
33.950	0.005	0.005	0.005	0.005	0.005
34.000	0.005	0.005	0.005	0.005	0.005
34.050	0.005	0.005	0.005	0.005	0.005
34.100	0.005	0.005	0.005	0.005	0.005
34.150	0.005	0.005	0.005	0.005	0.005
34.200	0.005	0.005	0.005	0.005	0.005
34.250	0.005	0.005	0.005	0.005	0.005
34.300	0.005	0.005	0.005	0.005	0.005
34.350	0.005	0.005	0.005	0.005	0.005
34.400	0.005	0.005	0.005	0.005	0.005
34.450	0.005	0.005	0.005	0.005	0.005
34.500	0.005	0.005	0.005	0.005	0.005
34.550	0.005	0.005	0.005	0.005	0.005
34.600	0.005	0.005	0.005	0.005	0.005
34.650	0.005	0.005	0.005	0.005	0.005
34.700	0.005	0.005	0.005	0.005	0.005
34.750	0.005	0.005	0.005	0.005	0.005
34.800	0.005	0.005	0.005	0.005	0.005
34.850	0.005	0.005	0.005	0.005	0.005
34.900	0.005	0.005	0.005	0.005	0.005
34.950	0.005	0.005	0.005	0.005	0.005
35.000	0.005	0.005	0.005	0.005	0.005
35.050	0.005	0.005	0.005	0.005	0.005
35.100	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
35.150	0.005	0.005	0.005	0.005	0.005
35.200	0.005	0.005	0.005	0.005	0.005
35.250	0.005	0.005	0.005	0.005	0.005
35.300	0.005	0.005	0.005	0.005	0.005
35.350	0.005	0.005	0.005	0.005	0.005
35.400	0.005	0.005	0.005	0.005	0.005
35.450	0.005	0.005	0.005	0.005	0.005
35.500	0.005	0.005	0.005	0.005	0.005
35.550	0.005	0.005	0.005	0.005	0.005
35.600	0.005	0.005	0.005	0.005	0.005
35.650	0.005	0.005	0.005	0.005	0.005
35.700	0.005	0.005	0.005	0.005	0.005
35.750	0.005	0.005	0.005	0.005	0.005
35.800	0.005	0.005	0.005	0.005	0.005
35.850	0.005	0.005	0.005	0.005	0.005
35.900	0.005	0.005	0.005	0.005	0.005
35.950	0.005	0.005	0.005	0.005	0.005
36.000	0.005	0.005	0.005	0.005	0.005
36.050	0.005	0.005	0.005	0.005	0.005
36.100	0.004	0.004	0.004	0.004	0.004
36.150	0.004	0.004	0.004	0.004	0.004
36.200	0.004	0.004	0.004	0.004	0.004
36.250	0.004	0.004	0.004	0.004	0.004
36.300	0.004	0.004	0.004	0.004	0.004
36.350	0.004	0.004	0.004	0.004	0.004
36.400	0.004	0.004	0.004	0.004	0.004
36.450	0.004	0.003	0.003	0.003	0.003
36.500	0.003	0.003	0.003	0.003	0.003
36.550	0.003	0.003	0.003	0.003	0.003
36.600	0.003	0.003	0.003	0.003	0.003
36.650	0.003	0.003	0.003	0.003	0.003
36.700	0.003	0.003	0.003	0.003	0.003
36.750	0.003	0.003	0.003	0.003	0.003
36.800	0.003	0.003	0.003	0.003	0.003
36.850	0.003	0.003	0.003	0.003	0.003
36.900	0.003	0.003	0.003	0.002	0.002
36.950	0.002	0.002	0.002	0.002	0.002
37.000	0.002	0.002	0.002	0.002	0.002
37.050	0.002	0.002	0.002	0.002	0.002
37.100	0.002	0.002	0.002	0.002	0.002
37.150	0.002	0.002	0.002	0.002	0.002
37.200	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-4 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
37.250	0.002	0.002	0.002	0.002	0.002
37.300	0.002	0.002	0.002	0.002	0.002
37.350	0.002	0.002	0.002	0.002	0.002
37.400	0.002	0.002	0.002	0.002	0.002
37.450	0.002	0.002	0.002	0.002	0.002
37.500	0.002	0.002	0.002	0.002	0.002
37.550	0.002	0.002	0.002	0.002	0.002
37.600	0.002	0.002	0.002	0.002	0.002
37.650	0.002	0.001	0.001	0.001	0.001
37.700	0.001	0.001	0.001	0.001	0.001
37.750	0.001	0.001	0.001	0.001	0.001
37.800	0.001	0.001	0.001	0.001	0.001
37.850	0.001	0.001	0.001	0.001	0.001
37.900	0.001	0.001	0.001	0.001	0.001
37.950	0.001	0.001	0.001	0.001	0.001
38.000	0.001	0.001	0.001	0.001	0.001
38.050	0.001	0.001	0.001	0.001	0.001
38.100	0.001	0.001	0.001	0.001	0.001
38.150	0.001	0.001	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: BRB-1-5 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.003 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	110.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
110.00	0.000	0.000	0.00	0.000	0.000	0.000
110.50	0.000	15.500	0.00	0.003	0.003	0.864
111.00	0.000	31.000	0.00	0.003	0.003	1.726
111.50	0.000	46.500	0.00	0.003	0.003	2.587
112.00	0.000	62.000	0.00	0.003	0.003	3.448
112.25	0.000	144.250	0.00	0.003	0.003	8.017
112.50	0.084	226.500	0.00	0.003	0.087	12.670
112.75	0.145	308.750	0.00	0.003	0.148	17.301
113.00	4.062	391.000	0.00	0.003	4.065	25.787
113.50	20.386	592.500	0.00	0.003	20.389	53.306
114.00	43.625	794.000	0.00	0.003	43.628	87.739

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.003 ft³/s
Time to Peak	25.820 hours
Hydrograph Volume	347.040 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
6.780	0.001	0.001	0.001	0.001	0.001
6.830	0.001	0.001	0.001	0.001	0.002
6.880	0.002	0.002	0.002	0.002	0.002
6.930	0.002	0.002	0.002	0.002	0.002
6.980	0.002	0.002	0.002	0.002	0.002
7.030	0.002	0.002	0.003	0.003	0.003
7.080	0.003	0.003	0.003	0.003	0.003
7.130	0.003	0.003	0.003	0.003	0.003
7.180	0.003	0.003	0.003	0.003	0.003
7.230	0.003	0.003	0.003	0.003	0.003
7.280	0.003	0.003	0.003	0.003	0.003
7.330	0.003	0.003	0.003	0.003	0.003
7.380	0.003	0.003	0.003	0.003	0.003
7.430	0.003	0.003	0.003	0.003	0.003
7.480	0.003	0.003	0.003	0.003	0.003
7.530	0.003	0.003	0.003	0.003	0.003
7.580	0.003	0.003	0.003	0.003	0.003
7.630	0.003	0.003	0.003	0.003	0.003
7.680	0.003	0.003	0.003	0.003	0.003
7.730	0.003	0.003	0.003	0.003	0.003
7.780	0.003	0.003	0.003	0.003	0.003
7.830	0.003	0.003	0.003	0.003	0.003
7.880	0.003	0.003	0.003	0.003	0.003
7.930	0.003	0.003	0.003	0.003	0.003
7.980	0.003	0.003	0.003	0.003	0.003
8.030	0.003	0.003	0.003	0.003	0.003
8.080	0.003	0.003	0.003	0.003	0.003
8.130	0.003	0.003	0.003	0.003	0.003
8.180	0.003	0.003	0.003	0.003	0.003
8.230	0.003	0.003	0.003	0.003	0.003
8.280	0.003	0.003	0.003	0.003	0.003
8.330	0.003	0.003	0.003	0.003	0.003
8.380	0.003	0.003	0.003	0.003	0.003
8.430	0.003	0.003	0.003	0.003	0.003
8.480	0.003	0.003	0.003	0.003	0.003
8.530	0.003	0.003	0.003	0.003	0.003
8.580	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
8.630	0.003	0.003	0.003	0.003	0.003
8.680	0.003	0.003	0.003	0.003	0.003
8.730	0.003	0.003	0.003	0.003	0.003
8.780	0.003	0.003	0.003	0.003	0.003
8.830	0.003	0.003	0.003	0.003	0.003
8.880	0.003	0.003	0.003	0.003	0.003
8.930	0.003	0.003	0.003	0.003	0.003
8.980	0.003	0.003	0.003	0.003	0.003
9.030	0.003	0.003	0.003	0.003	0.003
9.080	0.003	0.003	0.003	0.003	0.003
9.130	0.003	0.003	0.003	0.003	0.003
9.180	0.003	0.003	0.003	0.003	0.003
9.230	0.003	0.003	0.003	0.003	0.003
9.280	0.003	0.003	0.003	0.003	0.003
9.330	0.003	0.003	0.003	0.003	0.003
9.380	0.003	0.003	0.003	0.003	0.003
9.430	0.003	0.003	0.003	0.003	0.003
9.480	0.003	0.003	0.003	0.003	0.003
9.530	0.003	0.003	0.003	0.003	0.003
9.580	0.003	0.003	0.003	0.003	0.003
9.630	0.003	0.003	0.003	0.003	0.003
9.680	0.003	0.003	0.003	0.003	0.003
9.730	0.003	0.003	0.003	0.003	0.003
9.780	0.003	0.003	0.003	0.003	0.003
9.830	0.003	0.003	0.003	0.003	0.003
9.880	0.003	0.003	0.003	0.003	0.003
9.930	0.003	0.003	0.003	0.003	0.003
9.980	0.003	0.003	0.003	0.003	0.003
10.030	0.003	0.003	0.003	0.003	0.003
10.080	0.003	0.003	0.003	0.003	0.003
10.130	0.003	0.003	0.003	0.003	0.003
10.180	0.003	0.003	0.003	0.003	0.003
10.230	0.003	0.003	0.003	0.003	0.003
10.280	0.003	0.003	0.003	0.003	0.003
10.330	0.003	0.003	0.003	0.003	0.003
10.380	0.003	0.003	0.003	0.003	0.003
10.430	0.003	0.003	0.003	0.003	0.003
10.480	0.003	0.003	0.003	0.003	0.003
10.530	0.003	0.003	0.003	0.003	0.003
10.580	0.003	0.003	0.003	0.003	0.003
10.630	0.003	0.003	0.003	0.003	0.003
10.680	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
10.730	0.003	0.003	0.003	0.003	0.003
10.780	0.003	0.003	0.003	0.003	0.003
10.830	0.003	0.003	0.003	0.003	0.003
10.880	0.003	0.003	0.003	0.003	0.003
10.930	0.003	0.003	0.003	0.003	0.003
10.980	0.003	0.003	0.003	0.003	0.003
11.030	0.003	0.003	0.003	0.003	0.003
11.080	0.003	0.003	0.003	0.003	0.003
11.130	0.003	0.003	0.003	0.003	0.003
11.180	0.003	0.003	0.003	0.003	0.003
11.230	0.003	0.003	0.003	0.003	0.003
11.280	0.003	0.003	0.003	0.003	0.003
11.330	0.003	0.003	0.003	0.003	0.003
11.380	0.003	0.003	0.003	0.003	0.003
11.430	0.003	0.003	0.003	0.003	0.003
11.480	0.003	0.003	0.003	0.003	0.003
11.530	0.003	0.003	0.003	0.003	0.003
11.580	0.003	0.003	0.003	0.003	0.003
11.630	0.003	0.003	0.003	0.003	0.003
11.680	0.003	0.003	0.003	0.003	0.003
11.730	0.003	0.003	0.003	0.003	0.003
11.780	0.003	0.003	0.003	0.003	0.003
11.830	0.003	0.003	0.003	0.003	0.003
11.880	0.003	0.003	0.003	0.003	0.003
11.930	0.003	0.003	0.003	0.003	0.003
11.980	0.003	0.003	0.003	0.003	0.003
12.030	0.003	0.003	0.003	0.003	0.003
12.080	0.003	0.003	0.003	0.003	0.003
12.130	0.003	0.003	0.003	0.003	0.003
12.180	0.003	0.003	0.003	0.003	0.003
12.230	0.003	0.003	0.003	0.003	0.003
12.280	0.003	0.003	0.003	0.003	0.003
12.330	0.003	0.003	0.003	0.003	0.003
12.380	0.003	0.003	0.003	0.003	0.003
12.430	0.003	0.003	0.003	0.003	0.003
12.480	0.003	0.003	0.003	0.003	0.003
12.530	0.003	0.003	0.003	0.003	0.003
12.580	0.003	0.003	0.003	0.003	0.003
12.630	0.003	0.003	0.003	0.003	0.003
12.680	0.003	0.003	0.003	0.003	0.003
12.730	0.003	0.003	0.003	0.003	0.003
12.780	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
12.830	0.003	0.003	0.003	0.003	0.003
12.880	0.003	0.003	0.003	0.003	0.003
12.930	0.003	0.003	0.003	0.003	0.003
12.980	0.003	0.003	0.003	0.003	0.003
13.030	0.003	0.003	0.003	0.003	0.003
13.080	0.003	0.003	0.003	0.003	0.003
13.130	0.003	0.003	0.003	0.003	0.003
13.180	0.003	0.003	0.003	0.003	0.003
13.230	0.003	0.003	0.003	0.003	0.003
13.280	0.003	0.003	0.003	0.003	0.003
13.330	0.003	0.003	0.003	0.003	0.003
13.380	0.003	0.003	0.003	0.003	0.003
13.430	0.003	0.003	0.003	0.003	0.003
13.480	0.003	0.003	0.003	0.003	0.003
13.530	0.003	0.003	0.003	0.003	0.003
13.580	0.003	0.003	0.003	0.003	0.003
13.630	0.003	0.003	0.003	0.003	0.003
13.680	0.003	0.003	0.003	0.003	0.003
13.730	0.003	0.003	0.003	0.003	0.003
13.780	0.003	0.003	0.003	0.003	0.003
13.830	0.003	0.003	0.003	0.003	0.003
13.880	0.003	0.003	0.003	0.003	0.003
13.930	0.003	0.003	0.003	0.003	0.003
13.980	0.003	0.003	0.003	0.003	0.003
14.030	0.003	0.003	0.003	0.003	0.003
14.080	0.003	0.003	0.003	0.003	0.003
14.130	0.003	0.003	0.003	0.003	0.003
14.180	0.003	0.003	0.003	0.003	0.003
14.230	0.003	0.003	0.003	0.003	0.003
14.280	0.003	0.003	0.003	0.003	0.003
14.330	0.003	0.003	0.003	0.003	0.003
14.380	0.003	0.003	0.003	0.003	0.003
14.430	0.003	0.003	0.003	0.003	0.003
14.480	0.003	0.003	0.003	0.003	0.003
14.530	0.003	0.003	0.003	0.003	0.003
14.580	0.003	0.003	0.003	0.003	0.003
14.630	0.003	0.003	0.003	0.003	0.003
14.680	0.003	0.003	0.003	0.003	0.003
14.730	0.003	0.003	0.003	0.003	0.003
14.780	0.003	0.003	0.003	0.003	0.003
14.830	0.003	0.003	0.003	0.003	0.003
14.880	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
14.930	0.003	0.003	0.003	0.003	0.003
14.980	0.003	0.003	0.003	0.003	0.003
15.030	0.003	0.003	0.003	0.003	0.003
15.080	0.003	0.003	0.003	0.003	0.003
15.130	0.003	0.003	0.003	0.003	0.003
15.180	0.003	0.003	0.003	0.003	0.003
15.230	0.003	0.003	0.003	0.003	0.003
15.280	0.003	0.003	0.003	0.003	0.003
15.330	0.003	0.003	0.003	0.003	0.003
15.380	0.003	0.003	0.003	0.003	0.003
15.430	0.003	0.003	0.003	0.003	0.003
15.480	0.003	0.003	0.003	0.003	0.003
15.530	0.003	0.003	0.003	0.003	0.003
15.580	0.003	0.003	0.003	0.003	0.003
15.630	0.003	0.003	0.003	0.003	0.003
15.680	0.003	0.003	0.003	0.003	0.003
15.730	0.003	0.003	0.003	0.003	0.003
15.780	0.003	0.003	0.003	0.003	0.003
15.830	0.003	0.003	0.003	0.003	0.003
15.880	0.003	0.003	0.003	0.003	0.003
15.930	0.003	0.003	0.003	0.003	0.003
15.980	0.003	0.003	0.003	0.003	0.003
16.030	0.003	0.003	0.003	0.003	0.003
16.080	0.003	0.003	0.003	0.003	0.003
16.130	0.003	0.003	0.003	0.003	0.003
16.180	0.003	0.003	0.003	0.003	0.003
16.230	0.003	0.003	0.003	0.003	0.003
16.280	0.003	0.003	0.003	0.003	0.003
16.330	0.003	0.003	0.003	0.003	0.003
16.380	0.003	0.003	0.003	0.003	0.003
16.430	0.003	0.003	0.003	0.003	0.003
16.480	0.003	0.003	0.003	0.003	0.003
16.530	0.003	0.003	0.003	0.003	0.003
16.580	0.003	0.003	0.003	0.003	0.003
16.630	0.003	0.003	0.003	0.003	0.003
16.680	0.003	0.003	0.003	0.003	0.003
16.730	0.003	0.003	0.003	0.003	0.003
16.780	0.003	0.003	0.003	0.003	0.003
16.830	0.003	0.003	0.003	0.003	0.003
16.880	0.003	0.003	0.003	0.003	0.003
16.930	0.003	0.003	0.003	0.003	0.003
16.980	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
17.030	0.003	0.003	0.003	0.003	0.003
17.080	0.003	0.003	0.003	0.003	0.003
17.130	0.003	0.003	0.003	0.003	0.003
17.180	0.003	0.003	0.003	0.003	0.003
17.230	0.003	0.003	0.003	0.003	0.003
17.280	0.003	0.003	0.003	0.003	0.003
17.330	0.003	0.003	0.003	0.003	0.003
17.380	0.003	0.003	0.003	0.003	0.003
17.430	0.003	0.003	0.003	0.003	0.003
17.480	0.003	0.003	0.003	0.003	0.003
17.530	0.003	0.003	0.003	0.003	0.003
17.580	0.003	0.003	0.003	0.003	0.003
17.630	0.003	0.003	0.003	0.003	0.003
17.680	0.003	0.003	0.003	0.003	0.003
17.730	0.003	0.003	0.003	0.003	0.003
17.780	0.003	0.003	0.003	0.003	0.003
17.830	0.003	0.003	0.003	0.003	0.003
17.880	0.003	0.003	0.003	0.003	0.003
17.930	0.003	0.003	0.003	0.003	0.003
17.980	0.003	0.003	0.003	0.003	0.003
18.030	0.003	0.003	0.003	0.003	0.003
18.080	0.003	0.003	0.003	0.003	0.003
18.130	0.003	0.003	0.003	0.003	0.003
18.180	0.003	0.003	0.003	0.003	0.003
18.230	0.003	0.003	0.003	0.003	0.003
18.280	0.003	0.003	0.003	0.003	0.003
18.330	0.003	0.003	0.003	0.003	0.003
18.380	0.003	0.003	0.003	0.003	0.003
18.430	0.003	0.003	0.003	0.003	0.003
18.480	0.003	0.003	0.003	0.003	0.003
18.530	0.003	0.003	0.003	0.003	0.003
18.580	0.003	0.003	0.003	0.003	0.003
18.630	0.003	0.003	0.003	0.003	0.003
18.680	0.003	0.003	0.003	0.003	0.003
18.730	0.003	0.003	0.003	0.003	0.003
18.780	0.003	0.003	0.003	0.003	0.003
18.830	0.003	0.003	0.003	0.003	0.003
18.880	0.003	0.003	0.003	0.003	0.003
18.930	0.003	0.003	0.003	0.003	0.003
18.980	0.003	0.003	0.003	0.003	0.003
19.030	0.003	0.003	0.003	0.003	0.003
19.080	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
19.130	0.003	0.003	0.003	0.003	0.003
19.180	0.003	0.003	0.003	0.003	0.003
19.230	0.003	0.003	0.003	0.003	0.003
19.280	0.003	0.003	0.003	0.003	0.003
19.330	0.003	0.003	0.003	0.003	0.003
19.380	0.003	0.003	0.003	0.003	0.003
19.430	0.003	0.003	0.003	0.003	0.003
19.480	0.003	0.003	0.003	0.003	0.003
19.530	0.003	0.003	0.003	0.003	0.003
19.580	0.003	0.003	0.003	0.003	0.003
19.630	0.003	0.003	0.003	0.003	0.003
19.680	0.003	0.003	0.003	0.003	0.003
19.730	0.003	0.003	0.003	0.003	0.003
19.780	0.003	0.003	0.003	0.003	0.003
19.830	0.003	0.003	0.003	0.003	0.003
19.880	0.003	0.003	0.003	0.003	0.003
19.930	0.003	0.003	0.003	0.003	0.003
19.980	0.003	0.003	0.003	0.003	0.003
20.030	0.003	0.003	0.003	0.003	0.003
20.080	0.003	0.003	0.003	0.003	0.003
20.130	0.003	0.003	0.003	0.003	0.003
20.180	0.003	0.003	0.003	0.003	0.003
20.230	0.003	0.003	0.003	0.003	0.003
20.280	0.003	0.003	0.003	0.003	0.003
20.330	0.003	0.003	0.003	0.003	0.003
20.380	0.003	0.003	0.003	0.003	0.003
20.430	0.003	0.003	0.003	0.003	0.003
20.480	0.003	0.003	0.003	0.003	0.003
20.530	0.003	0.003	0.003	0.003	0.003
20.580	0.003	0.003	0.003	0.003	0.003
20.630	0.003	0.003	0.003	0.003	0.003
20.680	0.003	0.003	0.003	0.003	0.003
20.730	0.003	0.003	0.003	0.003	0.003
20.780	0.003	0.003	0.003	0.003	0.003
20.830	0.003	0.003	0.003	0.003	0.003
20.880	0.003	0.003	0.003	0.003	0.003
20.930	0.003	0.003	0.003	0.003	0.003
20.980	0.003	0.003	0.003	0.003	0.003
21.030	0.003	0.003	0.003	0.003	0.003
21.080	0.003	0.003	0.003	0.003	0.003
21.130	0.003	0.003	0.003	0.003	0.003
21.180	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
21.230	0.003	0.003	0.003	0.003	0.003
21.280	0.003	0.003	0.003	0.003	0.003
21.330	0.003	0.003	0.003	0.003	0.003
21.380	0.003	0.003	0.003	0.003	0.003
21.430	0.003	0.003	0.003	0.003	0.003
21.480	0.003	0.003	0.003	0.003	0.003
21.530	0.003	0.003	0.003	0.003	0.003
21.580	0.003	0.003	0.003	0.003	0.003
21.630	0.003	0.003	0.003	0.003	0.003
21.680	0.003	0.003	0.003	0.003	0.003
21.730	0.003	0.003	0.003	0.003	0.003
21.780	0.003	0.003	0.003	0.003	0.003
21.830	0.003	0.003	0.003	0.003	0.003
21.880	0.003	0.003	0.003	0.003	0.003
21.930	0.003	0.003	0.003	0.003	0.003
21.980	0.003	0.003	0.003	0.003	0.003
22.030	0.003	0.003	0.003	0.003	0.003
22.080	0.003	0.003	0.003	0.003	0.003
22.130	0.003	0.003	0.003	0.003	0.003
22.180	0.003	0.003	0.003	0.003	0.003
22.230	0.003	0.003	0.003	0.003	0.003
22.280	0.003	0.003	0.003	0.003	0.003
22.330	0.003	0.003	0.003	0.003	0.003
22.380	0.003	0.003	0.003	0.003	0.003
22.430	0.003	0.003	0.003	0.003	0.003
22.480	0.003	0.003	0.003	0.003	0.003
22.530	0.003	0.003	0.003	0.003	0.003
22.580	0.003	0.003	0.003	0.003	0.003
22.630	0.003	0.003	0.003	0.003	0.003
22.680	0.003	0.003	0.003	0.003	0.003
22.730	0.003	0.003	0.003	0.003	0.003
22.780	0.003	0.003	0.003	0.003	0.003
22.830	0.003	0.003	0.003	0.003	0.003
22.880	0.003	0.003	0.003	0.003	0.003
22.930	0.003	0.003	0.003	0.003	0.003
22.980	0.003	0.003	0.003	0.003	0.003
23.030	0.003	0.003	0.003	0.003	0.003
23.080	0.003	0.003	0.003	0.003	0.003
23.130	0.003	0.003	0.003	0.003	0.003
23.180	0.003	0.003	0.003	0.003	0.003
23.230	0.003	0.003	0.003	0.003	0.003
23.280	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
23.330	0.003	0.003	0.003	0.003	0.003
23.380	0.003	0.003	0.003	0.003	0.003
23.430	0.003	0.003	0.003	0.003	0.003
23.480	0.003	0.003	0.003	0.003	0.003
23.530	0.003	0.003	0.003	0.003	0.003
23.580	0.003	0.003	0.003	0.003	0.003
23.630	0.003	0.003	0.003	0.003	0.003
23.680	0.003	0.003	0.003	0.003	0.003
23.730	0.003	0.003	0.003	0.003	0.003
23.780	0.003	0.003	0.003	0.003	0.003
23.830	0.003	0.003	0.003	0.003	0.003
23.880	0.003	0.003	0.003	0.003	0.003
23.930	0.003	0.003	0.003	0.003	0.003
23.980	0.003	0.003	0.003	0.003	0.003
24.030	0.003	0.003	0.003	0.003	0.003
24.080	0.003	0.003	0.003	0.003	0.003
24.130	0.003	0.003	0.003	0.003	0.003
24.180	0.003	0.003	0.003	0.003	0.003
24.230	0.003	0.003	0.003	0.003	0.003
24.280	0.003	0.003	0.003	0.003	0.003
24.330	0.003	0.003	0.003	0.003	0.003
24.380	0.003	0.003	0.003	0.003	0.003
24.430	0.003	0.003	0.003	0.003	0.003
24.480	0.003	0.003	0.003	0.003	0.003
24.530	0.003	0.003	0.003	0.003	0.003
24.580	0.003	0.003	0.003	0.003	0.003
24.630	0.003	0.003	0.003	0.003	0.003
24.680	0.003	0.003	0.003	0.003	0.003
24.730	0.003	0.003	0.003	0.003	0.003
24.780	0.003	0.003	0.003	0.003	0.003
24.830	0.003	0.003	0.003	0.003	0.003
24.880	0.003	0.003	0.003	0.003	0.003
24.930	0.003	0.003	0.003	0.003	0.003
24.980	0.003	0.003	0.003	0.003	0.003
25.030	0.003	0.003	0.003	0.003	0.003
25.080	0.003	0.003	0.003	0.003	0.003
25.130	0.003	0.003	0.003	0.003	0.003
25.180	0.003	0.003	0.003	0.003	0.003
25.230	0.003	0.003	0.003	0.003	0.003
25.280	0.003	0.003	0.003	0.003	0.003
25.330	0.003	0.003	0.003	0.003	0.003
25.380	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
25.430	0.003	0.003	0.003	0.003	0.003
25.480	0.003	0.003	0.003	0.003	0.003
25.530	0.003	0.003	0.003	0.003	0.003
25.580	0.003	0.003	0.003	0.003	0.003
25.630	0.003	0.003	0.003	0.003	0.003
25.680	0.003	0.003	0.003	0.003	0.003
25.730	0.003	0.003	0.003	0.003	0.003
25.780	0.003	0.003	0.003	0.003	0.003
25.830	0.003	0.003	0.003	0.003	0.003
25.880	0.003	0.003	0.003	0.003	0.003
25.930	0.003	0.003	0.003	0.003	0.003
25.980	0.003	0.003	0.003	0.003	0.003
26.030	0.003	0.003	0.003	0.003	0.003
26.080	0.003	0.003	0.003	0.003	0.003
26.130	0.003	0.003	0.003	0.003	0.003
26.180	0.003	0.003	0.003	0.003	0.003
26.230	0.003	0.003	0.003	0.003	0.003
26.280	0.003	0.003	0.003	0.003	0.003
26.330	0.003	0.003	0.003	0.003	0.003
26.380	0.003	0.003	0.003	0.003	0.003
26.430	0.003	0.003	0.003	0.003	0.003
26.480	0.003	0.003	0.003	0.003	0.003
26.530	0.003	0.003	0.003	0.003	0.003
26.580	0.003	0.003	0.003	0.003	0.003
26.630	0.003	0.003	0.003	0.003	0.003
26.680	0.003	0.003	0.003	0.003	0.003
26.730	0.003	0.003	0.003	0.003	0.003
26.780	0.003	0.003	0.003	0.003	0.003
26.830	0.003	0.003	0.003	0.003	0.003
26.880	0.003	0.003	0.003	0.003	0.003
26.930	0.003	0.003	0.003	0.003	0.003
26.980	0.003	0.003	0.003	0.003	0.003
27.030	0.003	0.003	0.003	0.003	0.003
27.080	0.003	0.003	0.003	0.003	0.003
27.130	0.003	0.003	0.003	0.003	0.003
27.180	0.003	0.003	0.003	0.003	0.003
27.230	0.003	0.003	0.003	0.003	0.003
27.280	0.003	0.003	0.003	0.003	0.003
27.330	0.003	0.003	0.003	0.003	0.003
27.380	0.003	0.003	0.003	0.003	0.003
27.430	0.003	0.003	0.003	0.003	0.003
27.480	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
27.530	0.003	0.003	0.003	0.003	0.003
27.580	0.003	0.003	0.003	0.003	0.003
27.630	0.003	0.003	0.003	0.003	0.003
27.680	0.003	0.003	0.003	0.003	0.003
27.730	0.003	0.003	0.003	0.003	0.003
27.780	0.003	0.003	0.003	0.003	0.003
27.830	0.003	0.003	0.003	0.003	0.003
27.880	0.003	0.003	0.003	0.003	0.003
27.930	0.003	0.003	0.003	0.003	0.003
27.980	0.003	0.003	0.003	0.003	0.003
28.030	0.003	0.003	0.003	0.003	0.003
28.080	0.003	0.003	0.003	0.003	0.003
28.130	0.003	0.003	0.003	0.003	0.003
28.180	0.003	0.003	0.003	0.003	0.003
28.230	0.003	0.003	0.003	0.003	0.003
28.280	0.003	0.003	0.003	0.003	0.003
28.330	0.003	0.003	0.003	0.003	0.003
28.380	0.003	0.003	0.003	0.003	0.003
28.430	0.003	0.003	0.003	0.003	0.003
28.480	0.003	0.003	0.003	0.003	0.003
28.530	0.003	0.003	0.003	0.003	0.003
28.580	0.003	0.003	0.003	0.003	0.003
28.630	0.003	0.003	0.003	0.003	0.003
28.680	0.003	0.003	0.003	0.003	0.003
28.730	0.003	0.003	0.003	0.003	0.003
28.780	0.003	0.003	0.003	0.003	0.003
28.830	0.003	0.003	0.003	0.003	0.003
28.880	0.003	0.003	0.003	0.003	0.003
28.930	0.003	0.003	0.003	0.003	0.003
28.980	0.003	0.003	0.003	0.003	0.003
29.030	0.003	0.003	0.003	0.003	0.003
29.080	0.003	0.003	0.003	0.003	0.003
29.130	0.003	0.003	0.003	0.003	0.003
29.180	0.003	0.003	0.003	0.003	0.003
29.230	0.003	0.003	0.003	0.003	0.003
29.280	0.003	0.003	0.003	0.003	0.003
29.330	0.003	0.003	0.003	0.003	0.003
29.380	0.003	0.003	0.003	0.003	0.003
29.430	0.003	0.003	0.003	0.003	0.003
29.480	0.003	0.003	0.003	0.003	0.003
29.530	0.003	0.003	0.003	0.003	0.003
29.580	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
29.630	0.003	0.003	0.003	0.003	0.003
29.680	0.003	0.003	0.003	0.003	0.003
29.730	0.003	0.003	0.003	0.003	0.003
29.780	0.003	0.003	0.003	0.003	0.003
29.830	0.003	0.003	0.003	0.003	0.003
29.880	0.003	0.003	0.003	0.003	0.003
29.930	0.003	0.003	0.003	0.003	0.003
29.980	0.003	0.003	0.003	0.003	0.003
30.030	0.003	0.003	0.003	0.003	0.003
30.080	0.003	0.003	0.003	0.003	0.003
30.130	0.003	0.003	0.003	0.003	0.003
30.180	0.003	0.003	0.003	0.003	0.003
30.230	0.003	0.003	0.003	0.003	0.003
30.280	0.003	0.003	0.003	0.003	0.003
30.330	0.003	0.003	0.003	0.003	0.003
30.380	0.003	0.003	0.003	0.003	0.003
30.430	0.003	0.003	0.003	0.003	0.003
30.480	0.003	0.003	0.003	0.003	0.003
30.530	0.003	0.003	0.003	0.003	0.003
30.580	0.003	0.003	0.003	0.003	0.003
30.630	0.003	0.003	0.003	0.003	0.003
30.680	0.003	0.003	0.003	0.003	0.003
30.730	0.003	0.003	0.003	0.003	0.003
30.780	0.003	0.003	0.003	0.003	0.003
30.830	0.003	0.003	0.003	0.003	0.003
30.880	0.003	0.003	0.003	0.003	0.003
30.930	0.003	0.003	0.003	0.003	0.003
30.980	0.003	0.003	0.003	0.003	0.003
31.030	0.003	0.003	0.003	0.003	0.003
31.080	0.003	0.003	0.003	0.003	0.003
31.130	0.003	0.003	0.003	0.003	0.003
31.180	0.003	0.003	0.003	0.003	0.003
31.230	0.003	0.003	0.003	0.003	0.003
31.280	0.003	0.003	0.003	0.003	0.003
31.330	0.003	0.003	0.003	0.003	0.003
31.380	0.003	0.003	0.003	0.003	0.003
31.430	0.003	0.003	0.003	0.003	0.003
31.480	0.003	0.003	0.003	0.003	0.003
31.530	0.003	0.003	0.003	0.003	0.003
31.580	0.003	0.003	0.003	0.003	0.003
31.630	0.003	0.003	0.003	0.003	0.003
31.680	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
31.730	0.003	0.003	0.003	0.003	0.003
31.780	0.003	0.003	0.003	0.003	0.003
31.830	0.003	0.003	0.003	0.003	0.003
31.880	0.003	0.003	0.003	0.003	0.003
31.930	0.003	0.003	0.003	0.003	0.003
31.980	0.003	0.003	0.003	0.003	0.003
32.030	0.003	0.003	0.003	0.003	0.003
32.080	0.003	0.003	0.003	0.003	0.003
32.130	0.003	0.003	0.003	0.003	0.003
32.180	0.003	0.003	0.003	0.003	0.003
32.230	0.003	0.003	0.003	0.003	0.003
32.280	0.003	0.003	0.003	0.003	0.003
32.330	0.003	0.003	0.003	0.003	0.003
32.380	0.003	0.003	0.003	0.003	0.003
32.430	0.003	0.003	0.003	0.003	0.003
32.480	0.003	0.003	0.003	0.003	0.003
32.530	0.003	0.003	0.003	0.003	0.003
32.580	0.003	0.003	0.003	0.003	0.003
32.630	0.003	0.003	0.003	0.003	0.003
32.680	0.003	0.003	0.003	0.003	0.003
32.730	0.003	0.003	0.003	0.003	0.003
32.780	0.003	0.003	0.003	0.003	0.003
32.830	0.003	0.003	0.003	0.003	0.003
32.880	0.003	0.003	0.003	0.003	0.003
32.930	0.003	0.003	0.003	0.003	0.003
32.980	0.003	0.003	0.003	0.003	0.003
33.030	0.003	0.003	0.003	0.003	0.003
33.080	0.003	0.003	0.003	0.003	0.003
33.130	0.003	0.003	0.003	0.003	0.003
33.180	0.003	0.003	0.003	0.003	0.003
33.230	0.003	0.003	0.003	0.003	0.003
33.280	0.003	0.003	0.003	0.003	0.003
33.330	0.003	0.003	0.003	0.003	0.003
33.380	0.003	0.003	0.003	0.003	0.003
33.430	0.003	0.003	0.003	0.003	0.003
33.480	0.003	0.003	0.003	0.003	0.003
33.530	0.003	0.003	0.003	0.003	0.003
33.580	0.003	0.003	0.003	0.003	0.003
33.630	0.003	0.003	0.003	0.003	0.003
33.680	0.003	0.003	0.003	0.003	0.003
33.730	0.003	0.003	0.003	0.003	0.003
33.780	0.003	0.003	0.003	0.003	0.003

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
33.830	0.003	0.003	0.003	0.003	0.003
33.880	0.003	0.003	0.003	0.003	0.003
33.930	0.003	0.003	0.003	0.003	0.003
33.980	0.003	0.003	0.003	0.003	0.003
34.030	0.003	0.003	0.003	0.003	0.003
34.080	0.003	0.003	0.003	0.003	0.003
34.130	0.003	0.003	0.003	0.003	0.003
34.180	0.003	0.003	0.003	0.003	0.003
34.230	0.003	0.003	0.003	0.003	0.003
34.280	0.003	0.003	0.003	0.003	0.003
34.330	0.003	0.003	0.003	0.003	0.003
34.380	0.003	0.003	0.003	0.003	0.003
34.430	0.003	0.003	0.003	0.003	0.003
34.480	0.003	0.003	0.003	0.003	0.003
34.530	0.003	0.003	0.003	0.003	0.003
34.580	0.003	0.003	0.003	0.003	0.003
34.630	0.003	0.003	0.003	0.003	0.003
34.680	0.003	0.003	0.003	0.003	0.003
34.730	0.003	0.003	0.003	0.003	0.003
34.780	0.003	0.003	0.003	0.003	0.003
34.830	0.003	0.003	0.003	0.003	0.003
34.880	0.003	0.003	0.003	0.003	0.003
34.930	0.003	0.003	0.003	0.003	0.003
34.980	0.003	0.003	0.003	0.003	0.003
35.030	0.003	0.003	0.003	0.003	0.003
35.080	0.003	0.003	0.003	0.003	0.003
35.130	0.003	0.003	0.003	0.003	0.003
35.180	0.003	0.003	0.003	0.003	0.003
35.230	0.003	0.003	0.003	0.003	0.003
35.280	0.003	0.003	0.003	0.003	0.003
35.330	0.003	0.003	0.003	0.003	0.003
35.380	0.003	0.003	0.003	0.003	0.003
35.430	0.003	0.003	0.003	0.003	0.003
35.480	0.003	0.003	0.003	0.003	0.003
35.530	0.003	0.003	0.003	0.003	0.003
35.580	0.003	0.003	0.003	0.002	0.002
35.630	0.002	0.002	0.002	0.002	0.002
35.680	0.002	0.002	0.002	0.002	0.002
35.730	0.002	0.002	0.002	0.002	0.002
35.780	0.002	0.002	0.002	0.002	0.002
35.830	0.002	0.002	0.002	0.002	0.002
35.880	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-5 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
35.930	0.002	0.002	0.002	0.002	0.002
35.980	0.002	0.002	0.002	0.002	0.002
36.030	0.002	0.002	0.002	0.002	0.002
36.080	0.002	0.002	0.002	0.002	0.002
36.130	0.002	0.002	0.002	0.002	0.002
36.180	0.002	0.002	0.002	0.002	0.002
36.230	0.002	0.002	0.002	0.002	0.001
36.280	0.001	0.001	0.001	0.001	0.001
36.330	0.001	0.001	0.001	0.001	0.001
36.380	0.001	0.001	0.001	0.001	0.001
36.430	0.001	0.001	0.001	0.001	0.001
36.480	0.001	0.001	0.001	0.001	0.001
36.530	0.001	0.001	0.001	0.001	0.001
36.580	0.001	0.001	0.001	0.001	0.001
36.630	0.001	0.001	0.001	0.001	0.001
36.680	0.001	0.001	0.001	0.001	0.001
36.730	0.001	0.001	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: BRB-1-6 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.002 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	113.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
113.00	0.000	0.000	0.00	0.000	0.000	0.000
113.50	0.000	6.000	0.00	0.002	0.002	0.335
114.00	0.000	12.000	0.00	0.002	0.002	0.668
114.50	0.000	18.000	0.00	0.002	0.002	1.002
115.00	0.000	24.000	0.00	0.002	0.002	1.335
115.25	0.000	66.250	0.00	0.002	0.002	3.682
115.50	0.084	108.500	0.00	0.002	0.085	6.113
115.75	0.145	150.750	0.00	0.002	0.146	8.521
116.00	4.062	193.000	0.00	0.002	4.063	14.786
116.50	20.386	335.500	0.00	0.002	20.387	39.026
117.00	43.625	478.000	0.00	0.002	43.627	70.182

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.002 ft³/s
Time to Peak	23.550 hours
Hydrograph Volume	193.098 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
2.900	0.001	0.001	0.001	0.001	0.001
2.950	0.001	0.001	0.001	0.001	0.001
3.000	0.001	0.001	0.001	0.001	0.001
3.050	0.001	0.001	0.001	0.001	0.001
3.100	0.001	0.001	0.001	0.001	0.001
3.150	0.001	0.001	0.001	0.001	0.002
3.200	0.002	0.002	0.002	0.002	0.002
3.250	0.002	0.002	0.002	0.002	0.002
3.300	0.002	0.002	0.002	0.002	0.002
3.350	0.002	0.002	0.002	0.002	0.002
3.400	0.002	0.002	0.002	0.002	0.002
3.450	0.002	0.002	0.002	0.002	0.002
3.500	0.002	0.002	0.002	0.002	0.002
3.550	0.002	0.002	0.002	0.002	0.002
3.600	0.002	0.002	0.002	0.002	0.002
3.650	0.002	0.002	0.002	0.002	0.002
3.700	0.002	0.002	0.002	0.002	0.002
3.750	0.002	0.002	0.002	0.002	0.002
3.800	0.002	0.002	0.002	0.002	0.002
3.850	0.002	0.002	0.002	0.002	0.002
3.900	0.002	0.002	0.002	0.002	0.002
3.950	0.002	0.002	0.002	0.002	0.002
4.000	0.002	0.002	0.002	0.002	0.002
4.050	0.002	0.002	0.002	0.002	0.002
4.100	0.002	0.002	0.002	0.002	0.002
4.150	0.002	0.002	0.002	0.002	0.002
4.200	0.002	0.002	0.002	0.002	0.002
4.250	0.002	0.002	0.002	0.002	0.002
4.300	0.002	0.002	0.002	0.002	0.002
4.350	0.002	0.002	0.002	0.002	0.002
4.400	0.002	0.002	0.002	0.002	0.002
4.450	0.002	0.002	0.002	0.002	0.002
4.500	0.002	0.002	0.002	0.002	0.002
4.550	0.002	0.002	0.002	0.002	0.002
4.600	0.002	0.002	0.002	0.002	0.002
4.650	0.002	0.002	0.002	0.002	0.002
4.700	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
4.750	0.002	0.002	0.002	0.002	0.002
4.800	0.002	0.002	0.002	0.002	0.002
4.850	0.002	0.002	0.002	0.002	0.002
4.900	0.002	0.002	0.002	0.002	0.002
4.950	0.002	0.002	0.002	0.002	0.002
5.000	0.002	0.002	0.002	0.002	0.002
5.050	0.002	0.002	0.002	0.002	0.002
5.100	0.002	0.002	0.002	0.002	0.002
5.150	0.002	0.002	0.002	0.002	0.002
5.200	0.002	0.002	0.002	0.002	0.002
5.250	0.002	0.002	0.002	0.002	0.002
5.300	0.002	0.002	0.002	0.002	0.002
5.350	0.002	0.002	0.002	0.002	0.002
5.400	0.002	0.002	0.002	0.002	0.002
5.450	0.002	0.002	0.002	0.002	0.002
5.500	0.002	0.002	0.002	0.002	0.002
5.550	0.002	0.002	0.002	0.002	0.002
5.600	0.002	0.002	0.002	0.002	0.002
5.650	0.002	0.002	0.002	0.002	0.002
5.700	0.002	0.002	0.002	0.002	0.002
5.750	0.002	0.002	0.002	0.002	0.002
5.800	0.002	0.002	0.002	0.002	0.002
5.850	0.002	0.002	0.002	0.002	0.002
5.900	0.002	0.002	0.002	0.002	0.002
5.950	0.002	0.002	0.002	0.002	0.002
6.000	0.002	0.002	0.002	0.002	0.002
6.050	0.002	0.002	0.002	0.002	0.002
6.100	0.002	0.002	0.002	0.002	0.002
6.150	0.002	0.002	0.002	0.002	0.002
6.200	0.002	0.002	0.002	0.002	0.002
6.250	0.002	0.002	0.002	0.002	0.002
6.300	0.002	0.002	0.002	0.002	0.002
6.350	0.002	0.002	0.002	0.002	0.002
6.400	0.002	0.002	0.002	0.002	0.002
6.450	0.002	0.002	0.002	0.002	0.002
6.500	0.002	0.002	0.002	0.002	0.002
6.550	0.002	0.002	0.002	0.002	0.002
6.600	0.002	0.002	0.002	0.002	0.002
6.650	0.002	0.002	0.002	0.002	0.002
6.700	0.002	0.002	0.002	0.002	0.002
6.750	0.002	0.002	0.002	0.002	0.002
6.800	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
6.850	0.002	0.002	0.002	0.002	0.002
6.900	0.002	0.002	0.002	0.002	0.002
6.950	0.002	0.002	0.002	0.002	0.002
7.000	0.002	0.002	0.002	0.002	0.002
7.050	0.002	0.002	0.002	0.002	0.002
7.100	0.002	0.002	0.002	0.002	0.002
7.150	0.002	0.002	0.002	0.002	0.002
7.200	0.002	0.002	0.002	0.002	0.002
7.250	0.002	0.002	0.002	0.002	0.002
7.300	0.002	0.002	0.002	0.002	0.002
7.350	0.002	0.002	0.002	0.002	0.002
7.400	0.002	0.002	0.002	0.002	0.002
7.450	0.002	0.002	0.002	0.002	0.002
7.500	0.002	0.002	0.002	0.002	0.002
7.550	0.002	0.002	0.002	0.002	0.002
7.600	0.002	0.002	0.002	0.002	0.002
7.650	0.002	0.002	0.002	0.002	0.002
7.700	0.002	0.002	0.002	0.002	0.002
7.750	0.002	0.002	0.002	0.002	0.002
7.800	0.002	0.002	0.002	0.002	0.002
7.850	0.002	0.002	0.002	0.002	0.002
7.900	0.002	0.002	0.002	0.002	0.002
7.950	0.002	0.002	0.002	0.002	0.002
8.000	0.002	0.002	0.002	0.002	0.002
8.050	0.002	0.002	0.002	0.002	0.002
8.100	0.002	0.002	0.002	0.002	0.002
8.150	0.002	0.002	0.002	0.002	0.002
8.200	0.002	0.002	0.002	0.002	0.002
8.250	0.002	0.002	0.002	0.002	0.002
8.300	0.002	0.002	0.002	0.002	0.002
8.350	0.002	0.002	0.002	0.002	0.002
8.400	0.002	0.002	0.002	0.002	0.002
8.450	0.002	0.002	0.002	0.002	0.002
8.500	0.002	0.002	0.002	0.002	0.002
8.550	0.002	0.002	0.002	0.002	0.002
8.600	0.002	0.002	0.002	0.002	0.002
8.650	0.002	0.002	0.002	0.002	0.002
8.700	0.002	0.002	0.002	0.002	0.002
8.750	0.002	0.002	0.002	0.002	0.002
8.800	0.002	0.002	0.002	0.002	0.002
8.850	0.002	0.002	0.002	0.002	0.002
8.900	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
8.950	0.002	0.002	0.002	0.002	0.002
9.000	0.002	0.002	0.002	0.002	0.002
9.050	0.002	0.002	0.002	0.002	0.002
9.100	0.002	0.002	0.002	0.002	0.002
9.150	0.002	0.002	0.002	0.002	0.002
9.200	0.002	0.002	0.002	0.002	0.002
9.250	0.002	0.002	0.002	0.002	0.002
9.300	0.002	0.002	0.002	0.002	0.002
9.350	0.002	0.002	0.002	0.002	0.002
9.400	0.002	0.002	0.002	0.002	0.002
9.450	0.002	0.002	0.002	0.002	0.002
9.500	0.002	0.002	0.002	0.002	0.002
9.550	0.002	0.002	0.002	0.002	0.002
9.600	0.002	0.002	0.002	0.002	0.002
9.650	0.002	0.002	0.002	0.002	0.002
9.700	0.002	0.002	0.002	0.002	0.002
9.750	0.002	0.002	0.002	0.002	0.002
9.800	0.002	0.002	0.002	0.002	0.002
9.850	0.002	0.002	0.002	0.002	0.002
9.900	0.002	0.002	0.002	0.002	0.002
9.950	0.002	0.002	0.002	0.002	0.002
10.000	0.002	0.002	0.002	0.002	0.002
10.050	0.002	0.002	0.002	0.002	0.002
10.100	0.002	0.002	0.002	0.002	0.002
10.150	0.002	0.002	0.002	0.002	0.002
10.200	0.002	0.002	0.002	0.002	0.002
10.250	0.002	0.002	0.002	0.002	0.002
10.300	0.002	0.002	0.002	0.002	0.002
10.350	0.002	0.002	0.002	0.002	0.002
10.400	0.002	0.002	0.002	0.002	0.002
10.450	0.002	0.002	0.002	0.002	0.002
10.500	0.002	0.002	0.002	0.002	0.002
10.550	0.002	0.002	0.002	0.002	0.002
10.600	0.002	0.002	0.002	0.002	0.002
10.650	0.002	0.002	0.002	0.002	0.002
10.700	0.002	0.002	0.002	0.002	0.002
10.750	0.002	0.002	0.002	0.002	0.002
10.800	0.002	0.002	0.002	0.002	0.002
10.850	0.002	0.002	0.002	0.002	0.002
10.900	0.002	0.002	0.002	0.002	0.002
10.950	0.002	0.002	0.002	0.002	0.002
11.000	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
11.050	0.002	0.002	0.002	0.002	0.002
11.100	0.002	0.002	0.002	0.002	0.002
11.150	0.002	0.002	0.002	0.002	0.002
11.200	0.002	0.002	0.002	0.002	0.002
11.250	0.002	0.002	0.002	0.002	0.002
11.300	0.002	0.002	0.002	0.002	0.002
11.350	0.002	0.002	0.002	0.002	0.002
11.400	0.002	0.002	0.002	0.002	0.002
11.450	0.002	0.002	0.002	0.002	0.002
11.500	0.002	0.002	0.002	0.002	0.002
11.550	0.002	0.002	0.002	0.002	0.002
11.600	0.002	0.002	0.002	0.002	0.002
11.650	0.002	0.002	0.002	0.002	0.002
11.700	0.002	0.002	0.002	0.002	0.002
11.750	0.002	0.002	0.002	0.002	0.002
11.800	0.002	0.002	0.002	0.002	0.002
11.850	0.002	0.002	0.002	0.002	0.002
11.900	0.002	0.002	0.002	0.002	0.002
11.950	0.002	0.002	0.002	0.002	0.002
12.000	0.002	0.002	0.002	0.002	0.002
12.050	0.002	0.002	0.002	0.002	0.002
12.100	0.002	0.002	0.002	0.002	0.002
12.150	0.002	0.002	0.002	0.002	0.002
12.200	0.002	0.002	0.002	0.002	0.002
12.250	0.002	0.002	0.002	0.002	0.002
12.300	0.002	0.002	0.002	0.002	0.002
12.350	0.002	0.002	0.002	0.002	0.002
12.400	0.002	0.002	0.002	0.002	0.002
12.450	0.002	0.002	0.002	0.002	0.002
12.500	0.002	0.002	0.002	0.002	0.002
12.550	0.002	0.002	0.002	0.002	0.002
12.600	0.002	0.002	0.002	0.002	0.002
12.650	0.002	0.002	0.002	0.002	0.002
12.700	0.002	0.002	0.002	0.002	0.002
12.750	0.002	0.002	0.002	0.002	0.002
12.800	0.002	0.002	0.002	0.002	0.002
12.850	0.002	0.002	0.002	0.002	0.002
12.900	0.002	0.002	0.002	0.002	0.002
12.950	0.002	0.002	0.002	0.002	0.002
13.000	0.002	0.002	0.002	0.002	0.002
13.050	0.002	0.002	0.002	0.002	0.002
13.100	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
13.150	0.002	0.002	0.002	0.002	0.002
13.200	0.002	0.002	0.002	0.002	0.002
13.250	0.002	0.002	0.002	0.002	0.002
13.300	0.002	0.002	0.002	0.002	0.002
13.350	0.002	0.002	0.002	0.002	0.002
13.400	0.002	0.002	0.002	0.002	0.002
13.450	0.002	0.002	0.002	0.002	0.002
13.500	0.002	0.002	0.002	0.002	0.002
13.550	0.002	0.002	0.002	0.002	0.002
13.600	0.002	0.002	0.002	0.002	0.002
13.650	0.002	0.002	0.002	0.002	0.002
13.700	0.002	0.002	0.002	0.002	0.002
13.750	0.002	0.002	0.002	0.002	0.002
13.800	0.002	0.002	0.002	0.002	0.002
13.850	0.002	0.002	0.002	0.002	0.002
13.900	0.002	0.002	0.002	0.002	0.002
13.950	0.002	0.002	0.002	0.002	0.002
14.000	0.002	0.002	0.002	0.002	0.002
14.050	0.002	0.002	0.002	0.002	0.002
14.100	0.002	0.002	0.002	0.002	0.002
14.150	0.002	0.002	0.002	0.002	0.002
14.200	0.002	0.002	0.002	0.002	0.002
14.250	0.002	0.002	0.002	0.002	0.002
14.300	0.002	0.002	0.002	0.002	0.002
14.350	0.002	0.002	0.002	0.002	0.002
14.400	0.002	0.002	0.002	0.002	0.002
14.450	0.002	0.002	0.002	0.002	0.002
14.500	0.002	0.002	0.002	0.002	0.002
14.550	0.002	0.002	0.002	0.002	0.002
14.600	0.002	0.002	0.002	0.002	0.002
14.650	0.002	0.002	0.002	0.002	0.002
14.700	0.002	0.002	0.002	0.002	0.002
14.750	0.002	0.002	0.002	0.002	0.002
14.800	0.002	0.002	0.002	0.002	0.002
14.850	0.002	0.002	0.002	0.002	0.002
14.900	0.002	0.002	0.002	0.002	0.002
14.950	0.002	0.002	0.002	0.002	0.002
15.000	0.002	0.002	0.002	0.002	0.002
15.050	0.002	0.002	0.002	0.002	0.002
15.100	0.002	0.002	0.002	0.002	0.002
15.150	0.002	0.002	0.002	0.002	0.002
15.200	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
15.250	0.002	0.002	0.002	0.002	0.002
15.300	0.002	0.002	0.002	0.002	0.002
15.350	0.002	0.002	0.002	0.002	0.002
15.400	0.002	0.002	0.002	0.002	0.002
15.450	0.002	0.002	0.002	0.002	0.002
15.500	0.002	0.002	0.002	0.002	0.002
15.550	0.002	0.002	0.002	0.002	0.002
15.600	0.002	0.002	0.002	0.002	0.002
15.650	0.002	0.002	0.002	0.002	0.002
15.700	0.002	0.002	0.002	0.002	0.002
15.750	0.002	0.002	0.002	0.002	0.002
15.800	0.002	0.002	0.002	0.002	0.002
15.850	0.002	0.002	0.002	0.002	0.002
15.900	0.002	0.002	0.002	0.002	0.002
15.950	0.002	0.002	0.002	0.002	0.002
16.000	0.002	0.002	0.002	0.002	0.002
16.050	0.002	0.002	0.002	0.002	0.002
16.100	0.002	0.002	0.002	0.002	0.002
16.150	0.002	0.002	0.002	0.002	0.002
16.200	0.002	0.002	0.002	0.002	0.002
16.250	0.002	0.002	0.002	0.002	0.002
16.300	0.002	0.002	0.002	0.002	0.002
16.350	0.002	0.002	0.002	0.002	0.002
16.400	0.002	0.002	0.002	0.002	0.002
16.450	0.002	0.002	0.002	0.002	0.002
16.500	0.002	0.002	0.002	0.002	0.002
16.550	0.002	0.002	0.002	0.002	0.002
16.600	0.002	0.002	0.002	0.002	0.002
16.650	0.002	0.002	0.002	0.002	0.002
16.700	0.002	0.002	0.002	0.002	0.002
16.750	0.002	0.002	0.002	0.002	0.002
16.800	0.002	0.002	0.002	0.002	0.002
16.850	0.002	0.002	0.002	0.002	0.002
16.900	0.002	0.002	0.002	0.002	0.002
16.950	0.002	0.002	0.002	0.002	0.002
17.000	0.002	0.002	0.002	0.002	0.002
17.050	0.002	0.002	0.002	0.002	0.002
17.100	0.002	0.002	0.002	0.002	0.002
17.150	0.002	0.002	0.002	0.002	0.002
17.200	0.002	0.002	0.002	0.002	0.002
17.250	0.002	0.002	0.002	0.002	0.002
17.300	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
17.350	0.002	0.002	0.002	0.002	0.002
17.400	0.002	0.002	0.002	0.002	0.002
17.450	0.002	0.002	0.002	0.002	0.002
17.500	0.002	0.002	0.002	0.002	0.002
17.550	0.002	0.002	0.002	0.002	0.002
17.600	0.002	0.002	0.002	0.002	0.002
17.650	0.002	0.002	0.002	0.002	0.002
17.700	0.002	0.002	0.002	0.002	0.002
17.750	0.002	0.002	0.002	0.002	0.002
17.800	0.002	0.002	0.002	0.002	0.002
17.850	0.002	0.002	0.002	0.002	0.002
17.900	0.002	0.002	0.002	0.002	0.002
17.950	0.002	0.002	0.002	0.002	0.002
18.000	0.002	0.002	0.002	0.002	0.002
18.050	0.002	0.002	0.002	0.002	0.002
18.100	0.002	0.002	0.002	0.002	0.002
18.150	0.002	0.002	0.002	0.002	0.002
18.200	0.002	0.002	0.002	0.002	0.002
18.250	0.002	0.002	0.002	0.002	0.002
18.300	0.002	0.002	0.002	0.002	0.002
18.350	0.002	0.002	0.002	0.002	0.002
18.400	0.002	0.002	0.002	0.002	0.002
18.450	0.002	0.002	0.002	0.002	0.002
18.500	0.002	0.002	0.002	0.002	0.002
18.550	0.002	0.002	0.002	0.002	0.002
18.600	0.002	0.002	0.002	0.002	0.002
18.650	0.002	0.002	0.002	0.002	0.002
18.700	0.002	0.002	0.002	0.002	0.002
18.750	0.002	0.002	0.002	0.002	0.002
18.800	0.002	0.002	0.002	0.002	0.002
18.850	0.002	0.002	0.002	0.002	0.002
18.900	0.002	0.002	0.002	0.002	0.002
18.950	0.002	0.002	0.002	0.002	0.002
19.000	0.002	0.002	0.002	0.002	0.002
19.050	0.002	0.002	0.002	0.002	0.002
19.100	0.002	0.002	0.002	0.002	0.002
19.150	0.002	0.002	0.002	0.002	0.002
19.200	0.002	0.002	0.002	0.002	0.002
19.250	0.002	0.002	0.002	0.002	0.002
19.300	0.002	0.002	0.002	0.002	0.002
19.350	0.002	0.002	0.002	0.002	0.002
19.400	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
19.450	0.002	0.002	0.002	0.002	0.002
19.500	0.002	0.002	0.002	0.002	0.002
19.550	0.002	0.002	0.002	0.002	0.002
19.600	0.002	0.002	0.002	0.002	0.002
19.650	0.002	0.002	0.002	0.002	0.002
19.700	0.002	0.002	0.002	0.002	0.002
19.750	0.002	0.002	0.002	0.002	0.002
19.800	0.002	0.002	0.002	0.002	0.002
19.850	0.002	0.002	0.002	0.002	0.002
19.900	0.002	0.002	0.002	0.002	0.002
19.950	0.002	0.002	0.002	0.002	0.002
20.000	0.002	0.002	0.002	0.002	0.002
20.050	0.002	0.002	0.002	0.002	0.002
20.100	0.002	0.002	0.002	0.002	0.002
20.150	0.002	0.002	0.002	0.002	0.002
20.200	0.002	0.002	0.002	0.002	0.002
20.250	0.002	0.002	0.002	0.002	0.002
20.300	0.002	0.002	0.002	0.002	0.002
20.350	0.002	0.002	0.002	0.002	0.002
20.400	0.002	0.002	0.002	0.002	0.002
20.450	0.002	0.002	0.002	0.002	0.002
20.500	0.002	0.002	0.002	0.002	0.002
20.550	0.002	0.002	0.002	0.002	0.002
20.600	0.002	0.002	0.002	0.002	0.002
20.650	0.002	0.002	0.002	0.002	0.002
20.700	0.002	0.002	0.002	0.002	0.002
20.750	0.002	0.002	0.002	0.002	0.002
20.800	0.002	0.002	0.002	0.002	0.002
20.850	0.002	0.002	0.002	0.002	0.002
20.900	0.002	0.002	0.002	0.002	0.002
20.950	0.002	0.002	0.002	0.002	0.002
21.000	0.002	0.002	0.002	0.002	0.002
21.050	0.002	0.002	0.002	0.002	0.002
21.100	0.002	0.002	0.002	0.002	0.002
21.150	0.002	0.002	0.002	0.002	0.002
21.200	0.002	0.002	0.002	0.002	0.002
21.250	0.002	0.002	0.002	0.002	0.002
21.300	0.002	0.002	0.002	0.002	0.002
21.350	0.002	0.002	0.002	0.002	0.002
21.400	0.002	0.002	0.002	0.002	0.002
21.450	0.002	0.002	0.002	0.002	0.002
21.500	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
21.550	0.002	0.002	0.002	0.002	0.002
21.600	0.002	0.002	0.002	0.002	0.002
21.650	0.002	0.002	0.002	0.002	0.002
21.700	0.002	0.002	0.002	0.002	0.002
21.750	0.002	0.002	0.002	0.002	0.002
21.800	0.002	0.002	0.002	0.002	0.002
21.850	0.002	0.002	0.002	0.002	0.002
21.900	0.002	0.002	0.002	0.002	0.002
21.950	0.002	0.002	0.002	0.002	0.002
22.000	0.002	0.002	0.002	0.002	0.002
22.050	0.002	0.002	0.002	0.002	0.002
22.100	0.002	0.002	0.002	0.002	0.002
22.150	0.002	0.002	0.002	0.002	0.002
22.200	0.002	0.002	0.002	0.002	0.002
22.250	0.002	0.002	0.002	0.002	0.002
22.300	0.002	0.002	0.002	0.002	0.002
22.350	0.002	0.002	0.002	0.002	0.002
22.400	0.002	0.002	0.002	0.002	0.002
22.450	0.002	0.002	0.002	0.002	0.002
22.500	0.002	0.002	0.002	0.002	0.002
22.550	0.002	0.002	0.002	0.002	0.002
22.600	0.002	0.002	0.002	0.002	0.002
22.650	0.002	0.002	0.002	0.002	0.002
22.700	0.002	0.002	0.002	0.002	0.002
22.750	0.002	0.002	0.002	0.002	0.002
22.800	0.002	0.002	0.002	0.002	0.002
22.850	0.002	0.002	0.002	0.002	0.002
22.900	0.002	0.002	0.002	0.002	0.002
22.950	0.002	0.002	0.002	0.002	0.002
23.000	0.002	0.002	0.002	0.002	0.002
23.050	0.002	0.002	0.002	0.002	0.002
23.100	0.002	0.002	0.002	0.002	0.002
23.150	0.002	0.002	0.002	0.002	0.002
23.200	0.002	0.002	0.002	0.002	0.002
23.250	0.002	0.002	0.002	0.002	0.002
23.300	0.002	0.002	0.002	0.002	0.002
23.350	0.002	0.002	0.002	0.002	0.002
23.400	0.002	0.002	0.002	0.002	0.002
23.450	0.002	0.002	0.002	0.002	0.002
23.500	0.002	0.002	0.002	0.002	0.002
23.550	0.002	0.002	0.002	0.002	0.002
23.600	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
23.650	0.002	0.002	0.002	0.002	0.002
23.700	0.002	0.002	0.002	0.002	0.002
23.750	0.002	0.002	0.002	0.002	0.002
23.800	0.002	0.002	0.002	0.002	0.002
23.850	0.002	0.002	0.002	0.002	0.002
23.900	0.002	0.002	0.002	0.002	0.002
23.950	0.002	0.002	0.002	0.002	0.002
24.000	0.002	0.002	0.002	0.002	0.002
24.050	0.002	0.002	0.002	0.002	0.002
24.100	0.002	0.002	0.002	0.002	0.002
24.150	0.002	0.002	0.002	0.002	0.002
24.200	0.002	0.002	0.002	0.002	0.002
24.250	0.002	0.002	0.002	0.002	0.002
24.300	0.002	0.002	0.002	0.002	0.002
24.350	0.002	0.002	0.002	0.002	0.002
24.400	0.002	0.002	0.002	0.002	0.002
24.450	0.002	0.002	0.002	0.002	0.002
24.500	0.002	0.002	0.002	0.002	0.002
24.550	0.002	0.002	0.002	0.002	0.002
24.600	0.002	0.002	0.002	0.002	0.002
24.650	0.002	0.002	0.002	0.002	0.002
24.700	0.002	0.002	0.002	0.002	0.002
24.750	0.002	0.002	0.002	0.002	0.002
24.800	0.002	0.002	0.002	0.002	0.002
24.850	0.002	0.002	0.002	0.002	0.002
24.900	0.002	0.002	0.002	0.002	0.002
24.950	0.002	0.002	0.002	0.002	0.002
25.000	0.002	0.002	0.002	0.002	0.002
25.050	0.002	0.002	0.002	0.002	0.002
25.100	0.002	0.002	0.002	0.002	0.002
25.150	0.002	0.002	0.002	0.002	0.002
25.200	0.002	0.002	0.002	0.002	0.002
25.250	0.002	0.002	0.002	0.002	0.002
25.300	0.002	0.002	0.002	0.002	0.002
25.350	0.002	0.002	0.002	0.002	0.002
25.400	0.002	0.002	0.002	0.002	0.002
25.450	0.002	0.002	0.002	0.002	0.002
25.500	0.002	0.002	0.002	0.002	0.002
25.550	0.002	0.002	0.002	0.002	0.002
25.600	0.002	0.002	0.002	0.002	0.002
25.650	0.002	0.002	0.002	0.002	0.002
25.700	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
25.750	0.002	0.002	0.002	0.002	0.002
25.800	0.002	0.002	0.002	0.002	0.002
25.850	0.002	0.002	0.002	0.002	0.002
25.900	0.002	0.002	0.002	0.002	0.002
25.950	0.002	0.002	0.002	0.002	0.002
26.000	0.002	0.002	0.002	0.002	0.002
26.050	0.002	0.002	0.002	0.002	0.002
26.100	0.002	0.002	0.002	0.002	0.002
26.150	0.002	0.002	0.002	0.002	0.002
26.200	0.002	0.002	0.002	0.002	0.002
26.250	0.002	0.002	0.002	0.002	0.002
26.300	0.002	0.002	0.002	0.002	0.002
26.350	0.002	0.002	0.002	0.002	0.002
26.400	0.002	0.002	0.002	0.002	0.002
26.450	0.002	0.002	0.002	0.002	0.002
26.500	0.002	0.002	0.002	0.002	0.002
26.550	0.002	0.002	0.002	0.002	0.002
26.600	0.002	0.002	0.002	0.002	0.002
26.650	0.002	0.002	0.002	0.002	0.002
26.700	0.002	0.002	0.002	0.002	0.002
26.750	0.002	0.002	0.002	0.002	0.002
26.800	0.002	0.002	0.002	0.002	0.002
26.850	0.002	0.002	0.002	0.002	0.002
26.900	0.002	0.002	0.002	0.002	0.002
26.950	0.002	0.002	0.002	0.002	0.002
27.000	0.002	0.002	0.002	0.002	0.002
27.050	0.002	0.002	0.002	0.002	0.002
27.100	0.002	0.002	0.002	0.002	0.002
27.150	0.002	0.002	0.002	0.002	0.002
27.200	0.002	0.002	0.002	0.002	0.002
27.250	0.002	0.002	0.002	0.002	0.002
27.300	0.002	0.002	0.002	0.002	0.002
27.350	0.002	0.002	0.002	0.002	0.002
27.400	0.002	0.002	0.002	0.002	0.002
27.450	0.002	0.002	0.002	0.002	0.002
27.500	0.002	0.002	0.002	0.002	0.002
27.550	0.002	0.002	0.002	0.002	0.002
27.600	0.002	0.002	0.002	0.002	0.002
27.650	0.002	0.002	0.002	0.002	0.002
27.700	0.002	0.002	0.002	0.002	0.002
27.750	0.002	0.002	0.002	0.002	0.002
27.800	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
27.850	0.002	0.002	0.002	0.002	0.002
27.900	0.002	0.002	0.002	0.002	0.002
27.950	0.002	0.002	0.002	0.002	0.002
28.000	0.002	0.002	0.002	0.002	0.002
28.050	0.002	0.002	0.002	0.002	0.002
28.100	0.002	0.002	0.002	0.002	0.002
28.150	0.002	0.002	0.002	0.002	0.002
28.200	0.002	0.002	0.002	0.002	0.002
28.250	0.002	0.002	0.002	0.002	0.002
28.300	0.002	0.002	0.002	0.002	0.002
28.350	0.002	0.002	0.002	0.002	0.002
28.400	0.002	0.002	0.002	0.002	0.002
28.450	0.002	0.002	0.002	0.002	0.002
28.500	0.002	0.002	0.002	0.002	0.002
28.550	0.002	0.002	0.002	0.002	0.002
28.600	0.002	0.002	0.002	0.002	0.002
28.650	0.002	0.002	0.002	0.002	0.002
28.700	0.002	0.002	0.002	0.002	0.002
28.750	0.002	0.002	0.002	0.002	0.002
28.800	0.002	0.002	0.002	0.002	0.002
28.850	0.002	0.002	0.002	0.002	0.002
28.900	0.002	0.002	0.002	0.002	0.002
28.950	0.002	0.002	0.002	0.002	0.002
29.000	0.002	0.002	0.002	0.002	0.002
29.050	0.002	0.002	0.002	0.002	0.002
29.100	0.002	0.002	0.002	0.002	0.002
29.150	0.002	0.002	0.002	0.002	0.002
29.200	0.002	0.002	0.002	0.002	0.002
29.250	0.002	0.002	0.002	0.002	0.002
29.300	0.002	0.002	0.002	0.002	0.002
29.350	0.002	0.002	0.002	0.002	0.002
29.400	0.002	0.002	0.002	0.002	0.002
29.450	0.002	0.002	0.002	0.002	0.002
29.500	0.002	0.002	0.002	0.002	0.002
29.550	0.002	0.002	0.002	0.002	0.002
29.600	0.002	0.002	0.002	0.002	0.002
29.650	0.002	0.002	0.002	0.002	0.002
29.700	0.002	0.002	0.002	0.002	0.002
29.750	0.002	0.002	0.002	0.002	0.002
29.800	0.002	0.002	0.002	0.002	0.002
29.850	0.002	0.002	0.002	0.002	0.002
29.900	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
29.950	0.002	0.002	0.002	0.002	0.002
30.000	0.002	0.002	0.002	0.002	0.002
30.050	0.002	0.002	0.002	0.002	0.002
30.100	0.002	0.002	0.002	0.002	0.002
30.150	0.002	0.002	0.002	0.002	0.002
30.200	0.002	0.002	0.002	0.002	0.002
30.250	0.002	0.002	0.002	0.002	0.002
30.300	0.002	0.002	0.002	0.002	0.002
30.350	0.002	0.002	0.002	0.002	0.002
30.400	0.002	0.002	0.002	0.002	0.002
30.450	0.002	0.002	0.002	0.002	0.002
30.500	0.002	0.002	0.002	0.002	0.002
30.550	0.002	0.002	0.002	0.002	0.002
30.600	0.002	0.002	0.002	0.002	0.002
30.650	0.002	0.002	0.002	0.002	0.002
30.700	0.002	0.002	0.002	0.002	0.002
30.750	0.002	0.002	0.002	0.002	0.002
30.800	0.002	0.002	0.002	0.002	0.002
30.850	0.002	0.002	0.002	0.002	0.002
30.900	0.002	0.002	0.002	0.002	0.002
30.950	0.002	0.002	0.002	0.002	0.002
31.000	0.002	0.002	0.002	0.002	0.002
31.050	0.002	0.002	0.002	0.002	0.002
31.100	0.002	0.002	0.002	0.002	0.002
31.150	0.002	0.002	0.002	0.002	0.002
31.200	0.002	0.002	0.002	0.002	0.002
31.250	0.002	0.002	0.002	0.002	0.002
31.300	0.002	0.002	0.002	0.002	0.002
31.350	0.002	0.002	0.002	0.002	0.002
31.400	0.002	0.002	0.002	0.002	0.002
31.450	0.002	0.002	0.002	0.002	0.002
31.500	0.002	0.002	0.002	0.002	0.002
31.550	0.002	0.002	0.002	0.002	0.002
31.600	0.002	0.002	0.002	0.002	0.002
31.650	0.002	0.002	0.002	0.002	0.002
31.700	0.002	0.002	0.002	0.002	0.002
31.750	0.002	0.002	0.002	0.002	0.002
31.800	0.002	0.002	0.002	0.002	0.002
31.850	0.002	0.002	0.002	0.002	0.002
31.900	0.002	0.002	0.002	0.002	0.002
31.950	0.002	0.002	0.002	0.002	0.002
32.000	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
32.050	0.002	0.002	0.002	0.002	0.002
32.100	0.002	0.002	0.002	0.002	0.002
32.150	0.002	0.002	0.002	0.002	0.002
32.200	0.002	0.002	0.002	0.002	0.002
32.250	0.002	0.002	0.002	0.002	0.002
32.300	0.002	0.002	0.002	0.002	0.002
32.350	0.002	0.002	0.002	0.002	0.002
32.400	0.002	0.002	0.002	0.002	0.002
32.450	0.002	0.002	0.002	0.002	0.002
32.500	0.002	0.002	0.002	0.002	0.002
32.550	0.002	0.002	0.002	0.002	0.002
32.600	0.002	0.002	0.002	0.002	0.002
32.650	0.002	0.002	0.002	0.002	0.002
32.700	0.002	0.002	0.002	0.002	0.002
32.750	0.002	0.002	0.002	0.002	0.002
32.800	0.002	0.002	0.002	0.002	0.002
32.850	0.002	0.002	0.002	0.002	0.002
32.900	0.002	0.002	0.002	0.002	0.002
32.950	0.002	0.002	0.002	0.002	0.002
33.000	0.002	0.002	0.002	0.002	0.002
33.050	0.002	0.002	0.002	0.002	0.002
33.100	0.002	0.002	0.002	0.002	0.002
33.150	0.002	0.002	0.002	0.002	0.002
33.200	0.002	0.002	0.002	0.002	0.002
33.250	0.002	0.002	0.002	0.002	0.002
33.300	0.002	0.002	0.002	0.002	0.002
33.350	0.002	0.002	0.002	0.002	0.002
33.400	0.002	0.002	0.002	0.002	0.002
33.450	0.002	0.002	0.002	0.002	0.002
33.500	0.002	0.002	0.002	0.002	0.002
33.550	0.002	0.002	0.002	0.002	0.002
33.600	0.002	0.002	0.002	0.002	0.002
33.650	0.002	0.002	0.002	0.002	0.002
33.700	0.002	0.002	0.002	0.002	0.002
33.750	0.002	0.002	0.002	0.002	0.002
33.800	0.002	0.002	0.002	0.002	0.002
33.850	0.002	0.002	0.002	0.002	0.002
33.900	0.002	0.002	0.002	0.002	0.002
33.950	0.002	0.002	0.002	0.002	0.002
34.000	0.002	0.002	0.002	0.002	0.002
34.050	0.002	0.002	0.002	0.002	0.002
34.100	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: BRB-1-6 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
34.150	0.002	0.002	0.002	0.002	0.002
34.200	0.002	0.002	0.002	0.002	0.002
34.250	0.002	0.002	0.002	0.001	0.001
34.300	0.001	0.001	0.001	0.001	0.001
34.350	0.001	0.001	0.001	0.001	0.001
34.400	0.001	0.001	0.001	0.001	0.001
34.450	0.001	0.001	0.001	0.001	0.001
34.500	0.001	0.001	0.001	0.001	0.001
34.550	0.001	0.001	0.001	0.001	0.001
34.600	0.001	0.001	0.001	0.001	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: RG-1 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.042 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	118.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
118.00	0.000	0.000	0.00	0.000	0.000	0.000
118.50	0.000	86.000	0.00	0.042	0.042	4.820
119.00	0.000	172.000	0.00	0.042	0.042	9.598
119.50	0.000	258.000	0.00	0.042	0.042	14.375
120.00	0.000	344.000	0.00	0.042	0.042	19.153
120.50	0.000	1,239.000	0.00	0.042	0.042	68.875
120.73	0.000	1,650.700	0.00	0.042	0.042	91.748
121.00	3.367	2,134.000	0.00	0.042	3.409	121.965
121.50	11.611	3,161.000	0.00	0.042	11.653	187.264
122.00	11.914	4,188.000	0.00	0.042	11.956	244.622

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.042 ft³/s
Time to Peak	17.420 hours
Hydrograph Volume	2,557.655 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
6.410	0.001	0.001	0.001	0.001	0.001
6.460	0.001	0.001	0.001	0.001	0.001
6.510	0.001	0.001	0.001	0.001	0.001
6.560	0.001	0.001	0.001	0.001	0.001
6.610	0.001	0.001	0.001	0.001	0.001
6.660	0.001	0.001	0.002	0.002	0.002
6.710	0.002	0.002	0.002	0.002	0.002
6.760	0.002	0.002	0.002	0.002	0.002
6.810	0.002	0.002	0.002	0.002	0.002
6.860	0.002	0.002	0.002	0.002	0.002
6.910	0.002	0.002	0.002	0.002	0.002
6.960	0.002	0.002	0.002	0.002	0.002
7.010	0.002	0.002	0.002	0.002	0.002
7.060	0.002	0.002	0.002	0.002	0.002
7.110	0.002	0.002	0.002	0.002	0.002
7.160	0.002	0.002	0.002	0.002	0.003
7.210	0.003	0.003	0.003	0.003	0.003
7.260	0.003	0.003	0.003	0.003	0.003
7.310	0.003	0.003	0.003	0.003	0.003
7.360	0.003	0.003	0.003	0.003	0.003
7.410	0.003	0.003	0.003	0.003	0.003
7.460	0.003	0.003	0.003	0.003	0.003
7.510	0.003	0.003	0.003	0.003	0.003
7.560	0.003	0.003	0.003	0.003	0.003
7.610	0.003	0.003	0.003	0.003	0.003
7.660	0.003	0.004	0.004	0.004	0.004
7.710	0.004	0.004	0.004	0.004	0.004
7.760	0.004	0.004	0.004	0.004	0.004
7.810	0.004	0.004	0.004	0.004	0.004
7.860	0.004	0.004	0.004	0.004	0.004
7.910	0.004	0.004	0.004	0.004	0.004
7.960	0.004	0.004	0.004	0.004	0.004
8.010	0.004	0.004	0.004	0.004	0.004
8.060	0.004	0.004	0.004	0.004	0.004
8.110	0.005	0.005	0.005	0.005	0.005
8.160	0.005	0.005	0.005	0.005	0.005
8.210	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
8.260	0.005	0.005	0.005	0.005	0.005
8.310	0.005	0.005	0.005	0.005	0.005
8.360	0.005	0.005	0.005	0.005	0.005
8.410	0.005	0.005	0.005	0.006	0.006
8.460	0.006	0.006	0.006	0.006	0.006
8.510	0.006	0.006	0.006	0.006	0.006
8.560	0.006	0.006	0.006	0.006	0.006
8.610	0.006	0.006	0.006	0.006	0.006
8.660	0.006	0.006	0.006	0.007	0.007
8.710	0.007	0.007	0.007	0.007	0.007
8.760	0.007	0.007	0.007	0.007	0.007
8.810	0.007	0.007	0.007	0.007	0.007
8.860	0.007	0.007	0.007	0.007	0.007
8.910	0.008	0.008	0.008	0.008	0.008
8.960	0.008	0.008	0.008	0.008	0.008
9.010	0.008	0.008	0.008	0.008	0.008
9.060	0.008	0.008	0.008	0.008	0.009
9.110	0.009	0.009	0.009	0.009	0.009
9.160	0.009	0.009	0.009	0.009	0.009
9.210	0.009	0.009	0.009	0.009	0.009
9.260	0.009	0.009	0.009	0.009	0.010
9.310	0.010	0.010	0.010	0.010	0.010
9.360	0.010	0.010	0.010	0.010	0.010
9.410	0.010	0.010	0.010	0.010	0.010
9.460	0.010	0.010	0.010	0.010	0.010
9.510	0.010	0.010	0.011	0.011	0.011
9.560	0.011	0.011	0.011	0.011	0.011
9.610	0.011	0.011	0.011	0.011	0.011
9.660	0.011	0.011	0.011	0.011	0.011
9.710	0.011	0.011	0.011	0.012	0.012
9.760	0.012	0.012	0.012	0.012	0.012
9.810	0.012	0.012	0.012	0.012	0.012
9.860	0.012	0.012	0.012	0.012	0.013
9.910	0.013	0.013	0.013	0.013	0.013
9.960	0.013	0.013	0.013	0.013	0.013
10.010	0.013	0.013	0.013	0.014	0.014
10.060	0.014	0.014	0.014	0.014	0.014
10.110	0.014	0.014	0.014	0.014	0.014
10.160	0.015	0.015	0.015	0.015	0.015
10.210	0.015	0.015	0.015	0.015	0.015
10.260	0.016	0.016	0.016	0.016	0.016
10.310	0.016	0.016	0.016	0.016	0.016

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
10.360	0.017	0.017	0.017	0.017	0.017
10.410	0.017	0.017	0.017	0.018	0.018
10.460	0.018	0.018	0.018	0.018	0.018
10.510	0.018	0.019	0.019	0.019	0.019
10.560	0.019	0.019	0.019	0.019	0.020
10.610	0.020	0.020	0.020	0.020	0.020
10.660	0.020	0.021	0.021	0.021	0.021
10.710	0.021	0.021	0.022	0.022	0.022
10.760	0.022	0.022	0.022	0.023	0.023
10.810	0.023	0.023	0.023	0.024	0.024
10.860	0.024	0.024	0.024	0.025	0.025
10.910	0.025	0.025	0.025	0.026	0.026
10.960	0.026	0.026	0.026	0.027	0.027
11.010	0.027	0.027	0.027	0.028	0.028
11.060	0.028	0.028	0.029	0.029	0.029
11.110	0.029	0.030	0.030	0.030	0.031
11.160	0.031	0.031	0.031	0.032	0.032
11.210	0.032	0.033	0.033	0.033	0.034
11.260	0.034	0.034	0.035	0.035	0.036
11.310	0.036	0.036	0.037	0.037	0.038
11.360	0.038	0.038	0.039	0.039	0.040
11.410	0.040	0.041	0.041	0.042	0.042
11.460	0.042	0.042	0.042	0.042	0.042
11.510	0.042	0.042	0.042	0.042	0.042
11.560	0.042	0.042	0.042	0.042	0.042
11.610	0.042	0.042	0.042	0.042	0.042
11.660	0.042	0.042	0.042	0.042	0.042
11.710	0.042	0.042	0.042	0.042	0.042
11.760	0.042	0.042	0.042	0.042	0.042
11.810	0.042	0.042	0.042	0.042	0.042
11.860	0.042	0.042	0.042	0.042	0.042
11.910	0.042	0.042	0.042	0.042	0.042
11.960	0.042	0.042	0.042	0.042	0.042
12.010	0.042	0.042	0.042	0.042	0.042
12.060	0.042	0.042	0.042	0.042	0.042
12.110	0.042	0.042	0.042	0.042	0.042
12.160	0.042	0.042	0.042	0.042	0.042
12.210	0.042	0.042	0.042	0.042	0.042
12.260	0.042	0.042	0.042	0.042	0.042
12.310	0.042	0.042	0.042	0.042	0.042
12.360	0.042	0.042	0.042	0.042	0.042
12.410	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
12.460	0.042	0.042	0.042	0.042	0.042
12.510	0.042	0.042	0.042	0.042	0.042
12.560	0.042	0.042	0.042	0.042	0.042
12.610	0.042	0.042	0.042	0.042	0.042
12.660	0.042	0.042	0.042	0.042	0.042
12.710	0.042	0.042	0.042	0.042	0.042
12.760	0.042	0.042	0.042	0.042	0.042
12.810	0.042	0.042	0.042	0.042	0.042
12.860	0.042	0.042	0.042	0.042	0.042
12.910	0.042	0.042	0.042	0.042	0.042
12.960	0.042	0.042	0.042	0.042	0.042
13.010	0.042	0.042	0.042	0.042	0.042
13.060	0.042	0.042	0.042	0.042	0.042
13.110	0.042	0.042	0.042	0.042	0.042
13.160	0.042	0.042	0.042	0.042	0.042
13.210	0.042	0.042	0.042	0.042	0.042
13.260	0.042	0.042	0.042	0.042	0.042
13.310	0.042	0.042	0.042	0.042	0.042
13.360	0.042	0.042	0.042	0.042	0.042
13.410	0.042	0.042	0.042	0.042	0.042
13.460	0.042	0.042	0.042	0.042	0.042
13.510	0.042	0.042	0.042	0.042	0.042
13.560	0.042	0.042	0.042	0.042	0.042
13.610	0.042	0.042	0.042	0.042	0.042
13.660	0.042	0.042	0.042	0.042	0.042
13.710	0.042	0.042	0.042	0.042	0.042
13.760	0.042	0.042	0.042	0.042	0.042
13.810	0.042	0.042	0.042	0.042	0.042
13.860	0.042	0.042	0.042	0.042	0.042
13.910	0.042	0.042	0.042	0.042	0.042
13.960	0.042	0.042	0.042	0.042	0.042
14.010	0.042	0.042	0.042	0.042	0.042
14.060	0.042	0.042	0.042	0.042	0.042
14.110	0.042	0.042	0.042	0.042	0.042
14.160	0.042	0.042	0.042	0.042	0.042
14.210	0.042	0.042	0.042	0.042	0.042
14.260	0.042	0.042	0.042	0.042	0.042
14.310	0.042	0.042	0.042	0.042	0.042
14.360	0.042	0.042	0.042	0.042	0.042
14.410	0.042	0.042	0.042	0.042	0.042
14.460	0.042	0.042	0.042	0.042	0.042
14.510	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
14.560	0.042	0.042	0.042	0.042	0.042
14.610	0.042	0.042	0.042	0.042	0.042
14.660	0.042	0.042	0.042	0.042	0.042
14.710	0.042	0.042	0.042	0.042	0.042
14.760	0.042	0.042	0.042	0.042	0.042
14.810	0.042	0.042	0.042	0.042	0.042
14.860	0.042	0.042	0.042	0.042	0.042
14.910	0.042	0.042	0.042	0.042	0.042
14.960	0.042	0.042	0.042	0.042	0.042
15.010	0.042	0.042	0.042	0.042	0.042
15.060	0.042	0.042	0.042	0.042	0.042
15.110	0.042	0.042	0.042	0.042	0.042
15.160	0.042	0.042	0.042	0.042	0.042
15.210	0.042	0.042	0.042	0.042	0.042
15.260	0.042	0.042	0.042	0.042	0.042
15.310	0.042	0.042	0.042	0.042	0.042
15.360	0.042	0.042	0.042	0.042	0.042
15.410	0.042	0.042	0.042	0.042	0.042
15.460	0.042	0.042	0.042	0.042	0.042
15.510	0.042	0.042	0.042	0.042	0.042
15.560	0.042	0.042	0.042	0.042	0.042
15.610	0.042	0.042	0.042	0.042	0.042
15.660	0.042	0.042	0.042	0.042	0.042
15.710	0.042	0.042	0.042	0.042	0.042
15.760	0.042	0.042	0.042	0.042	0.042
15.810	0.042	0.042	0.042	0.042	0.042
15.860	0.042	0.042	0.042	0.042	0.042
15.910	0.042	0.042	0.042	0.042	0.042
15.960	0.042	0.042	0.042	0.042	0.042
16.010	0.042	0.042	0.042	0.042	0.042
16.060	0.042	0.042	0.042	0.042	0.042
16.110	0.042	0.042	0.042	0.042	0.042
16.160	0.042	0.042	0.042	0.042	0.042
16.210	0.042	0.042	0.042	0.042	0.042
16.260	0.042	0.042	0.042	0.042	0.042
16.310	0.042	0.042	0.042	0.042	0.042
16.360	0.042	0.042	0.042	0.042	0.042
16.410	0.042	0.042	0.042	0.042	0.042
16.460	0.042	0.042	0.042	0.042	0.042
16.510	0.042	0.042	0.042	0.042	0.042
16.560	0.042	0.042	0.042	0.042	0.042
16.610	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
16.660	0.042	0.042	0.042	0.042	0.042
16.710	0.042	0.042	0.042	0.042	0.042
16.760	0.042	0.042	0.042	0.042	0.042
16.810	0.042	0.042	0.042	0.042	0.042
16.860	0.042	0.042	0.042	0.042	0.042
16.910	0.042	0.042	0.042	0.042	0.042
16.960	0.042	0.042	0.042	0.042	0.042
17.010	0.042	0.042	0.042	0.042	0.042
17.060	0.042	0.042	0.042	0.042	0.042
17.110	0.042	0.042	0.042	0.042	0.042
17.160	0.042	0.042	0.042	0.042	0.042
17.210	0.042	0.042	0.042	0.042	0.042
17.260	0.042	0.042	0.042	0.042	0.042
17.310	0.042	0.042	0.042	0.042	0.042
17.360	0.042	0.042	0.042	0.042	0.042
17.410	0.042	0.042	0.042	0.042	0.042
17.460	0.042	0.042	0.042	0.042	0.042
17.510	0.042	0.042	0.042	0.042	0.042
17.560	0.042	0.042	0.042	0.042	0.042
17.610	0.042	0.042	0.042	0.042	0.042
17.660	0.042	0.042	0.042	0.042	0.042
17.710	0.042	0.042	0.042	0.042	0.042
17.760	0.042	0.042	0.042	0.042	0.042
17.810	0.042	0.042	0.042	0.042	0.042
17.860	0.042	0.042	0.042	0.042	0.042
17.910	0.042	0.042	0.042	0.042	0.042
17.960	0.042	0.042	0.042	0.042	0.042
18.010	0.042	0.042	0.042	0.042	0.042
18.060	0.042	0.042	0.042	0.042	0.042
18.110	0.042	0.042	0.042	0.042	0.042
18.160	0.042	0.042	0.042	0.042	0.042
18.210	0.042	0.042	0.042	0.042	0.042
18.260	0.042	0.042	0.042	0.042	0.042
18.310	0.042	0.042	0.042	0.042	0.042
18.360	0.042	0.042	0.042	0.042	0.042
18.410	0.042	0.042	0.042	0.042	0.042
18.460	0.042	0.042	0.042	0.042	0.042
18.510	0.042	0.042	0.042	0.042	0.042
18.560	0.042	0.042	0.042	0.042	0.042
18.610	0.042	0.042	0.042	0.042	0.042
18.660	0.042	0.042	0.042	0.042	0.042
18.710	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
18.760	0.042	0.042	0.042	0.042	0.042
18.810	0.042	0.042	0.042	0.042	0.042
18.860	0.042	0.042	0.042	0.042	0.042
18.910	0.042	0.042	0.042	0.042	0.042
18.960	0.042	0.042	0.042	0.042	0.042
19.010	0.042	0.042	0.042	0.042	0.042
19.060	0.042	0.042	0.042	0.042	0.042
19.110	0.042	0.042	0.042	0.042	0.042
19.160	0.042	0.042	0.042	0.042	0.042
19.210	0.042	0.042	0.042	0.042	0.042
19.260	0.042	0.042	0.042	0.042	0.042
19.310	0.042	0.042	0.042	0.042	0.042
19.360	0.042	0.042	0.042	0.042	0.042
19.410	0.042	0.042	0.042	0.042	0.042
19.460	0.042	0.042	0.042	0.042	0.042
19.510	0.042	0.042	0.042	0.042	0.042
19.560	0.042	0.042	0.042	0.042	0.042
19.610	0.042	0.042	0.042	0.042	0.042
19.660	0.042	0.042	0.042	0.042	0.042
19.710	0.042	0.042	0.042	0.042	0.042
19.760	0.042	0.042	0.042	0.042	0.042
19.810	0.042	0.042	0.042	0.042	0.042
19.860	0.042	0.042	0.042	0.042	0.042
19.910	0.042	0.042	0.042	0.042	0.042
19.960	0.042	0.042	0.042	0.042	0.042
20.010	0.042	0.042	0.042	0.042	0.042
20.060	0.042	0.042	0.042	0.042	0.042
20.110	0.042	0.042	0.042	0.042	0.042
20.160	0.042	0.042	0.042	0.042	0.042
20.210	0.042	0.042	0.042	0.042	0.042
20.260	0.042	0.042	0.042	0.042	0.042
20.310	0.042	0.042	0.042	0.042	0.042
20.360	0.042	0.042	0.042	0.042	0.042
20.410	0.042	0.042	0.042	0.042	0.042
20.460	0.042	0.042	0.042	0.042	0.042
20.510	0.042	0.042	0.042	0.042	0.042
20.560	0.042	0.042	0.042	0.042	0.042
20.610	0.042	0.042	0.042	0.042	0.042
20.660	0.042	0.042	0.042	0.042	0.042
20.710	0.042	0.042	0.042	0.042	0.042
20.760	0.042	0.042	0.042	0.042	0.042
20.810	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
20.860	0.042	0.042	0.042	0.042	0.042
20.910	0.042	0.042	0.042	0.042	0.042
20.960	0.042	0.042	0.042	0.042	0.042
21.010	0.042	0.042	0.042	0.042	0.042
21.060	0.042	0.042	0.042	0.042	0.042
21.110	0.042	0.042	0.042	0.042	0.042
21.160	0.042	0.042	0.042	0.042	0.042
21.210	0.042	0.042	0.042	0.042	0.042
21.260	0.042	0.042	0.042	0.042	0.042
21.310	0.042	0.042	0.042	0.042	0.042
21.360	0.042	0.042	0.042	0.042	0.042
21.410	0.042	0.042	0.042	0.042	0.042
21.460	0.042	0.042	0.042	0.042	0.042
21.510	0.042	0.042	0.042	0.042	0.042
21.560	0.042	0.042	0.042	0.042	0.042
21.610	0.042	0.042	0.042	0.042	0.042
21.660	0.042	0.042	0.042	0.042	0.042
21.710	0.042	0.042	0.042	0.042	0.042
21.760	0.042	0.042	0.042	0.042	0.042
21.810	0.042	0.042	0.042	0.042	0.042
21.860	0.042	0.042	0.042	0.042	0.042
21.910	0.042	0.042	0.042	0.042	0.042
21.960	0.042	0.042	0.042	0.042	0.042
22.010	0.042	0.042	0.042	0.042	0.042
22.060	0.042	0.042	0.042	0.042	0.042
22.110	0.042	0.042	0.042	0.042	0.042
22.160	0.042	0.042	0.042	0.042	0.042
22.210	0.042	0.042	0.042	0.042	0.042
22.260	0.042	0.042	0.042	0.042	0.042
22.310	0.042	0.042	0.042	0.042	0.042
22.360	0.042	0.042	0.042	0.042	0.042
22.410	0.042	0.042	0.042	0.042	0.042
22.460	0.042	0.042	0.042	0.042	0.042
22.510	0.042	0.042	0.042	0.042	0.042
22.560	0.042	0.042	0.042	0.042	0.042
22.610	0.042	0.042	0.042	0.042	0.042
22.660	0.042	0.042	0.042	0.042	0.042
22.710	0.042	0.042	0.042	0.042	0.042
22.760	0.042	0.042	0.042	0.042	0.042
22.810	0.042	0.042	0.042	0.042	0.042
22.860	0.042	0.042	0.042	0.042	0.042
22.910	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
22.960	0.042	0.042	0.042	0.042	0.042
23.010	0.042	0.042	0.042	0.042	0.042
23.060	0.042	0.042	0.042	0.042	0.042
23.110	0.042	0.042	0.042	0.042	0.042
23.160	0.042	0.042	0.042	0.042	0.042
23.210	0.042	0.042	0.042	0.042	0.042
23.260	0.042	0.042	0.042	0.042	0.042
23.310	0.042	0.042	0.042	0.042	0.042
23.360	0.042	0.042	0.042	0.042	0.042
23.410	0.042	0.042	0.042	0.042	0.042
23.460	0.042	0.042	0.042	0.042	0.042
23.510	0.042	0.042	0.042	0.042	0.042
23.560	0.042	0.042	0.042	0.042	0.042
23.610	0.042	0.042	0.042	0.042	0.042
23.660	0.042	0.042	0.042	0.042	0.042
23.710	0.042	0.042	0.042	0.042	0.042
23.760	0.042	0.042	0.042	0.042	0.042
23.810	0.042	0.042	0.042	0.042	0.042
23.860	0.042	0.042	0.042	0.042	0.042
23.910	0.042	0.042	0.042	0.042	0.042
23.960	0.042	0.042	0.042	0.042	0.042
24.010	0.042	0.042	0.042	0.042	0.042
24.060	0.042	0.042	0.042	0.042	0.042
24.110	0.042	0.042	0.042	0.042	0.042
24.160	0.042	0.042	0.042	0.042	0.042
24.210	0.042	0.042	0.042	0.042	0.042
24.260	0.042	0.042	0.042	0.042	0.042
24.310	0.042	0.042	0.042	0.042	0.042
24.360	0.042	0.042	0.042	0.042	0.042
24.410	0.042	0.042	0.042	0.042	0.042
24.460	0.042	0.042	0.042	0.042	0.042
24.510	0.042	0.042	0.042	0.042	0.042
24.560	0.042	0.042	0.042	0.042	0.042
24.610	0.042	0.042	0.042	0.042	0.042
24.660	0.042	0.042	0.042	0.042	0.042
24.710	0.042	0.042	0.042	0.042	0.042
24.760	0.042	0.042	0.042	0.042	0.042
24.810	0.042	0.042	0.042	0.042	0.042
24.860	0.042	0.042	0.042	0.042	0.042
24.910	0.042	0.042	0.042	0.042	0.042
24.960	0.042	0.042	0.042	0.042	0.042
25.010	0.042	0.042	0.042	0.042	0.042

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
25.060	0.042	0.042	0.042	0.042	0.042
25.110	0.042	0.042	0.042	0.042	0.042
25.160	0.042	0.042	0.042	0.042	0.042
25.210	0.042	0.042	0.042	0.042	0.042
25.260	0.042	0.042	0.042	0.042	0.042
25.310	0.042	0.042	0.042	0.042	0.042
25.360	0.042	0.042	0.042	0.042	0.042
25.410	0.042	0.042	0.042	0.042	0.042
25.460	0.042	0.042	0.042	0.042	0.042
25.510	0.042	0.042	0.042	0.042	0.042
25.560	0.042	0.042	0.042	0.042	0.042
25.610	0.042	0.042	0.042	0.042	0.042
25.660	0.042	0.042	0.042	0.042	0.042
25.710	0.042	0.042	0.042	0.042	0.042
25.760	0.042	0.042	0.042	0.042	0.042
25.810	0.042	0.042	0.042	0.042	0.042
25.860	0.042	0.042	0.042	0.042	0.042
25.910	0.042	0.042	0.042	0.042	0.042
25.960	0.042	0.042	0.042	0.042	0.042
26.010	0.042	0.042	0.042	0.042	0.042
26.060	0.042	0.042	0.042	0.042	0.042
26.110	0.042	0.042	0.042	0.042	0.042
26.160	0.042	0.042	0.042	0.042	0.042
26.210	0.042	0.042	0.042	0.042	0.042
26.260	0.042	0.042	0.042	0.042	0.042
26.310	0.042	0.042	0.042	0.042	0.042
26.360	0.042	0.042	0.042	0.042	0.042
26.410	0.042	0.042	0.042	0.042	0.042
26.460	0.042	0.042	0.042	0.042	0.042
26.510	0.042	0.042	0.041	0.040	0.040
26.560	0.039	0.038	0.038	0.037	0.036
26.610	0.036	0.035	0.035	0.034	0.033
26.660	0.033	0.032	0.032	0.031	0.031
26.710	0.030	0.029	0.029	0.028	0.028
26.760	0.027	0.027	0.027	0.026	0.026
26.810	0.025	0.025	0.024	0.024	0.023
26.860	0.023	0.023	0.022	0.022	0.021
26.910	0.021	0.021	0.020	0.020	0.020
26.960	0.019	0.019	0.019	0.018	0.018
27.010	0.018	0.017	0.017	0.017	0.016
27.060	0.016	0.016	0.016	0.015	0.015
27.110	0.015	0.015	0.014	0.014	0.014

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: RG-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
27.160	0.014	0.013	0.013	0.013	0.013
27.210	0.012	0.012	0.012	0.012	0.012
27.260	0.011	0.011	0.011	0.011	0.011
27.310	0.010	0.010	0.010	0.010	0.010
27.360	0.010	0.009	0.009	0.009	0.009
27.410	0.009	0.009	0.008	0.008	0.008
27.460	0.008	0.008	0.008	0.008	0.007
27.510	0.007	0.007	0.007	0.007	0.007
27.560	0.007	0.007	0.006	0.006	0.006
27.610	0.006	0.006	0.006	0.006	0.006
27.660	0.006	0.006	0.005	0.005	0.005
27.710	0.005	0.005	0.005	0.005	0.005
27.760	0.005	0.005	0.005	0.004	0.004
27.810	0.004	0.004	0.004	0.004	0.004
27.860	0.004	0.004	0.004	0.004	0.004
27.910	0.004	0.004	0.004	0.003	0.003
27.960	0.003	0.003	0.003	0.003	0.003
28.010	0.003	0.003	0.003	0.003	0.003
28.060	0.003	0.003	0.003	0.003	0.003
28.110	0.003	0.003	0.002	0.002	0.002
28.160	0.002	0.002	0.002	0.002	0.002
28.210	0.002	0.002	0.002	0.002	0.002
28.260	0.002	0.002	0.002	0.002	0.002
28.310	0.002	0.002	0.002	0.002	0.002
28.360	0.002	0.002	0.002	0.002	0.002
28.410	0.002	0.001	0.001	0.001	0.001
28.460	0.001	0.001	0.001	0.001	0.001
28.510	0.001	0.001	0.001	0.001	0.001
28.560	0.001	0.001	0.001	0.001	0.001
28.610	0.001	0.001	(N/A)	(N/A)	(N/A)

SORA WEST

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: UB-1 | Storm Event: 1-Yr
Scenario: Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.193 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	110.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.010 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (ft²)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
110.00	0.000	0.000	0.00	0.000	0.000	0.000
110.42	0.000	1,930.746	0.00	0.193	0.193	107.457
110.50	0.024	2,298.507	0.00	0.193	0.217	127.912
111.00	1.180	5,951.000	0.00	0.193	1.373	331.984
111.50	3.702	9,827.000	0.00	0.193	3.895	549.839
112.00	7.023	12,613.000	0.00	0.193	7.216	707.938
112.50	10.455	14,911.507	0.00	0.193	10.648	839.065
112.67	11.230	15,693.000	0.00	0.193	11.423	883.256

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

Peak Discharge	0.193 ft³/s
Time to Peak	14.850 hours
Hydrograph Volume	8,707.419 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
4.690	0.001	0.001	0.001	0.001	0.001
4.740	0.001	0.001	0.001	0.001	0.001
4.790	0.001	0.001	0.001	0.001	0.001
4.840	0.001	0.001	0.002	0.002	0.002
4.890	0.002	0.002	0.002	0.002	0.002
4.940	0.002	0.002	0.002	0.002	0.002
4.990	0.002	0.002	0.002	0.002	0.002
5.040	0.002	0.002	0.002	0.002	0.002
5.090	0.002	0.002	0.002	0.002	0.002
5.140	0.003	0.003	0.003	0.003	0.003
5.190	0.003	0.003	0.003	0.003	0.003
5.240	0.003	0.003	0.003	0.003	0.003
5.290	0.003	0.003	0.003	0.003	0.003
5.340	0.003	0.003	0.003	0.004	0.004
5.390	0.004	0.004	0.004	0.004	0.004
5.440	0.004	0.004	0.004	0.004	0.004
5.490	0.004	0.004	0.004	0.004	0.004
5.540	0.004	0.004	0.004	0.005	0.005
5.590	0.005	0.005	0.005	0.005	0.005
5.640	0.005	0.005	0.005	0.005	0.005
5.690	0.005	0.005	0.005	0.005	0.005
5.740	0.005	0.006	0.006	0.006	0.006
5.790	0.006	0.006	0.006	0.006	0.006
5.840	0.006	0.006	0.006	0.006	0.006
5.890	0.006	0.006	0.006	0.007	0.007
5.940	0.007	0.007	0.007	0.007	0.007
5.990	0.007	0.007	0.007	0.007	0.007
6.040	0.007	0.007	0.007	0.008	0.008
6.090	0.008	0.008	0.008	0.008	0.008
6.140	0.008	0.008	0.008	0.008	0.008
6.190	0.008	0.008	0.008	0.009	0.009
6.240	0.009	0.009	0.009	0.009	0.009
6.290	0.009	0.009	0.009	0.009	0.009
6.340	0.009	0.009	0.010	0.010	0.010
6.390	0.010	0.010	0.010	0.010	0.010
6.440	0.010	0.010	0.010	0.010	0.010
6.490	0.011	0.011	0.011	0.011	0.011

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
6.540	0.011	0.011	0.011	0.011	0.011
6.590	0.011	0.011	0.011	0.012	0.012
6.640	0.012	0.012	0.012	0.012	0.012
6.690	0.012	0.012	0.012	0.012	0.012
6.740	0.013	0.013	0.013	0.013	0.013
6.790	0.013	0.013	0.013	0.013	0.013
6.840	0.013	0.013	0.014	0.014	0.014
6.890	0.014	0.014	0.014	0.014	0.014
6.940	0.014	0.014	0.014	0.015	0.015
6.990	0.015	0.015	0.015	0.015	0.015
7.040	0.015	0.015	0.015	0.015	0.015
7.090	0.016	0.016	0.016	0.016	0.016
7.140	0.016	0.016	0.016	0.016	0.016
7.190	0.017	0.017	0.017	0.017	0.017
7.240	0.017	0.017	0.017	0.017	0.017
7.290	0.017	0.018	0.018	0.018	0.018
7.340	0.018	0.018	0.018	0.018	0.018
7.390	0.018	0.019	0.019	0.019	0.019
7.440	0.019	0.019	0.019	0.019	0.019
7.490	0.019	0.019	0.020	0.020	0.020
7.540	0.020	0.020	0.020	0.020	0.020
7.590	0.020	0.020	0.021	0.021	0.021
7.640	0.021	0.021	0.021	0.021	0.021
7.690	0.021	0.022	0.022	0.022	0.022
7.740	0.022	0.022	0.022	0.022	0.022
7.790	0.022	0.023	0.023	0.023	0.023
7.840	0.023	0.023	0.023	0.023	0.023
7.890	0.024	0.024	0.024	0.024	0.024
7.940	0.024	0.024	0.024	0.024	0.025
7.990	0.025	0.025	0.025	0.025	0.025
8.040	0.025	0.025	0.025	0.025	0.026
8.090	0.026	0.026	0.026	0.026	0.026
8.140	0.026	0.026	0.027	0.027	0.027
8.190	0.027	0.027	0.027	0.027	0.027
8.240	0.028	0.028	0.028	0.028	0.028
8.290	0.028	0.028	0.028	0.029	0.029
8.340	0.029	0.029	0.029	0.029	0.029
8.390	0.030	0.030	0.030	0.030	0.030
8.440	0.030	0.030	0.031	0.031	0.031
8.490	0.031	0.031	0.031	0.031	0.032
8.540	0.032	0.032	0.032	0.032	0.032
8.590	0.033	0.033	0.033	0.033	0.033

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
8.640	0.033	0.033	0.034	0.034	0.034
8.690	0.034	0.034	0.035	0.035	0.035
8.740	0.035	0.035	0.035	0.036	0.036
8.790	0.036	0.036	0.036	0.036	0.037
8.840	0.037	0.037	0.037	0.037	0.038
8.890	0.038	0.038	0.038	0.038	0.039
8.940	0.039	0.039	0.039	0.039	0.039
8.990	0.040	0.040	0.040	0.040	0.040
9.040	0.041	0.041	0.041	0.041	0.042
9.090	0.042	0.042	0.042	0.042	0.043
9.140	0.043	0.043	0.043	0.043	0.044
9.190	0.044	0.044	0.044	0.044	0.045
9.240	0.045	0.045	0.045	0.045	0.046
9.290	0.046	0.046	0.046	0.046	0.047
9.340	0.047	0.047	0.047	0.047	0.048
9.390	0.048	0.048	0.048	0.048	0.049
9.440	0.049	0.049	0.049	0.049	0.050
9.490	0.050	0.050	0.050	0.050	0.051
9.540	0.051	0.051	0.051	0.051	0.052
9.590	0.052	0.052	0.052	0.053	0.053
9.640	0.053	0.053	0.053	0.054	0.054
9.690	0.054	0.054	0.054	0.055	0.055
9.740	0.055	0.055	0.056	0.056	0.056
9.790	0.056	0.057	0.057	0.057	0.057
9.840	0.058	0.058	0.058	0.058	0.059
9.890	0.059	0.059	0.059	0.060	0.060
9.940	0.060	0.060	0.061	0.061	0.061
9.990	0.061	0.062	0.062	0.062	0.063
10.040	0.063	0.063	0.063	0.064	0.064
10.090	0.064	0.065	0.065	0.065	0.066
10.140	0.066	0.066	0.066	0.067	0.067
10.190	0.067	0.068	0.068	0.068	0.069
10.240	0.069	0.069	0.070	0.070	0.070
10.290	0.071	0.071	0.072	0.072	0.072
10.340	0.073	0.073	0.073	0.074	0.074
10.390	0.074	0.075	0.075	0.076	0.076
10.440	0.076	0.077	0.077	0.078	0.078
10.490	0.078	0.079	0.079	0.080	0.080
10.540	0.080	0.081	0.081	0.082	0.082
10.590	0.083	0.083	0.084	0.084	0.084
10.640	0.085	0.085	0.086	0.086	0.087
10.690	0.087	0.088	0.088	0.089	0.089

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
10.740	0.090	0.090	0.091	0.091	0.092
10.790	0.093	0.093	0.094	0.094	0.095
10.840	0.095	0.096	0.096	0.097	0.098
10.890	0.098	0.099	0.099	0.100	0.101
10.940	0.101	0.102	0.102	0.103	0.104
10.990	0.104	0.105	0.106	0.106	0.107
11.040	0.108	0.108	0.109	0.110	0.111
11.090	0.111	0.112	0.113	0.113	0.114
11.140	0.115	0.116	0.117	0.117	0.118
11.190	0.119	0.120	0.121	0.122	0.123
11.240	0.124	0.124	0.125	0.126	0.127
11.290	0.128	0.129	0.130	0.131	0.132
11.340	0.133	0.134	0.136	0.137	0.138
11.390	0.139	0.140	0.141	0.142	0.144
11.440	0.145	0.146	0.147	0.148	0.150
11.490	0.151	0.152	0.153	0.155	0.156
11.540	0.158	0.160	0.162	0.164	0.167
11.590	0.170	0.173	0.176	0.179	0.183
11.640	0.187	0.191	0.193	0.193	0.193
11.690	0.193	0.193	0.193	0.193	0.193
11.740	0.193	0.193	0.193	0.193	0.193
11.790	0.193	0.193	0.193	0.193	0.193
11.840	0.193	0.193	0.193	0.193	0.193
11.890	0.193	0.193	0.193	0.193	0.193
11.940	0.193	0.193	0.193	0.193	0.193
11.990	0.193	0.193	0.193	0.193	0.193
12.040	0.193	0.193	0.193	0.193	0.193
12.090	0.193	0.193	0.193	0.193	0.193
12.140	0.193	0.193	0.193	0.193	0.193
12.190	0.193	0.193	0.193	0.193	0.193
12.240	0.193	0.193	0.193	0.193	0.193
12.290	0.193	0.193	0.193	0.193	0.193
12.340	0.193	0.193	0.193	0.193	0.193
12.390	0.193	0.193	0.193	0.193	0.193
12.440	0.193	0.193	0.193	0.193	0.193
12.490	0.193	0.193	0.193	0.193	0.193
12.540	0.193	0.193	0.193	0.193	0.193
12.590	0.193	0.193	0.193	0.193	0.193
12.640	0.193	0.193	0.193	0.193	0.193
12.690	0.193	0.193	0.193	0.193	0.193
12.740	0.193	0.193	0.193	0.193	0.193
12.790	0.193	0.193	0.193	0.193	0.193

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
12.840	0.193	0.193	0.193	0.193	0.193
12.890	0.193	0.193	0.193	0.193	0.193
12.940	0.193	0.193	0.193	0.193	0.193
12.990	0.193	0.193	0.193	0.193	0.193
13.040	0.193	0.193	0.193	0.193	0.193
13.090	0.193	0.193	0.193	0.193	0.193
13.140	0.193	0.193	0.193	0.193	0.193
13.190	0.193	0.193	0.193	0.193	0.193
13.240	0.193	0.193	0.193	0.193	0.193
13.290	0.193	0.193	0.193	0.193	0.193
13.340	0.193	0.193	0.193	0.193	0.193
13.390	0.193	0.193	0.193	0.193	0.193
13.440	0.193	0.193	0.193	0.193	0.193
13.490	0.193	0.193	0.193	0.193	0.193
13.540	0.193	0.193	0.193	0.193	0.193
13.590	0.193	0.193	0.193	0.193	0.193
13.640	0.193	0.193	0.193	0.193	0.193
13.690	0.193	0.193	0.193	0.193	0.193
13.740	0.193	0.193	0.193	0.193	0.193
13.790	0.193	0.193	0.193	0.193	0.193
13.840	0.193	0.193	0.193	0.193	0.193
13.890	0.193	0.193	0.193	0.193	0.193
13.940	0.193	0.193	0.193	0.193	0.193
13.990	0.193	0.193	0.193	0.193	0.193
14.040	0.193	0.193	0.193	0.193	0.193
14.090	0.193	0.193	0.193	0.193	0.193
14.140	0.193	0.193	0.193	0.193	0.193
14.190	0.193	0.193	0.193	0.193	0.193
14.240	0.193	0.193	0.193	0.193	0.193
14.290	0.193	0.193	0.193	0.193	0.193
14.340	0.193	0.193	0.193	0.193	0.193
14.390	0.193	0.193	0.193	0.193	0.193
14.440	0.193	0.193	0.193	0.193	0.193
14.490	0.193	0.193	0.193	0.193	0.193
14.540	0.193	0.193	0.193	0.193	0.193
14.590	0.193	0.193	0.193	0.193	0.193
14.640	0.193	0.193	0.193	0.193	0.193
14.690	0.193	0.193	0.193	0.193	0.193
14.740	0.193	0.193	0.193	0.193	0.193
14.790	0.193	0.193	0.193	0.193	0.193
14.840	0.193	0.193	0.193	0.193	0.193
14.890	0.193	0.193	0.193	0.193	0.193

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
14.940	0.193	0.193	0.193	0.193	0.193
14.990	0.193	0.193	0.193	0.193	0.193
15.040	0.193	0.193	0.193	0.193	0.193
15.090	0.193	0.193	0.193	0.193	0.193
15.140	0.193	0.193	0.193	0.193	0.193
15.190	0.193	0.193	0.193	0.193	0.193
15.240	0.193	0.193	0.193	0.193	0.193
15.290	0.193	0.193	0.193	0.193	0.193
15.340	0.193	0.193	0.193	0.193	0.193
15.390	0.193	0.193	0.193	0.193	0.193
15.440	0.193	0.193	0.193	0.193	0.193
15.490	0.193	0.193	0.193	0.193	0.193
15.540	0.193	0.193	0.193	0.193	0.193
15.590	0.193	0.193	0.193	0.193	0.193
15.640	0.193	0.193	0.193	0.193	0.193
15.690	0.193	0.193	0.193	0.193	0.193
15.740	0.193	0.193	0.193	0.193	0.193
15.790	0.193	0.193	0.193	0.193	0.193
15.840	0.193	0.193	0.193	0.193	0.193
15.890	0.193	0.193	0.193	0.193	0.193
15.940	0.193	0.193	0.193	0.193	0.193
15.990	0.193	0.193	0.193	0.193	0.193
16.040	0.193	0.193	0.193	0.193	0.193
16.090	0.193	0.193	0.193	0.193	0.193
16.140	0.193	0.193	0.193	0.193	0.193
16.190	0.193	0.193	0.193	0.193	0.193
16.240	0.193	0.193	0.193	0.193	0.193
16.290	0.193	0.193	0.193	0.193	0.193
16.340	0.193	0.193	0.193	0.193	0.193
16.390	0.193	0.193	0.193	0.193	0.193
16.440	0.193	0.193	0.193	0.193	0.193
16.490	0.193	0.193	0.193	0.193	0.193
16.540	0.193	0.193	0.193	0.193	0.193
16.590	0.193	0.193	0.193	0.193	0.193
16.640	0.193	0.193	0.193	0.193	0.193
16.690	0.193	0.193	0.193	0.193	0.193
16.740	0.193	0.193	0.193	0.193	0.193
16.790	0.193	0.193	0.193	0.193	0.193
16.840	0.193	0.193	0.193	0.193	0.193
16.890	0.193	0.193	0.193	0.193	0.193
16.940	0.193	0.193	0.193	0.193	0.193
16.990	0.193	0.193	0.192	0.192	0.192

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
17.040	0.192	0.191	0.191	0.191	0.191
17.090	0.190	0.190	0.190	0.189	0.189
17.140	0.189	0.189	0.188	0.188	0.188
17.190	0.188	0.187	0.187	0.187	0.187
17.240	0.186	0.186	0.186	0.186	0.185
17.290	0.185	0.185	0.185	0.184	0.184
17.340	0.184	0.184	0.183	0.183	0.183
17.390	0.182	0.182	0.182	0.182	0.181
17.440	0.181	0.181	0.181	0.180	0.180
17.490	0.180	0.180	0.179	0.179	0.179
17.540	0.179	0.178	0.178	0.178	0.178
17.590	0.177	0.177	0.177	0.177	0.177
17.640	0.176	0.176	0.176	0.176	0.175
17.690	0.175	0.175	0.175	0.174	0.174
17.740	0.174	0.174	0.173	0.173	0.173
17.790	0.173	0.172	0.172	0.172	0.172
17.840	0.171	0.171	0.171	0.171	0.171
17.890	0.170	0.170	0.170	0.170	0.169
17.940	0.169	0.169	0.169	0.168	0.168
17.990	0.168	0.168	0.167	0.167	0.167
18.040	0.167	0.167	0.166	0.166	0.166
18.090	0.166	0.165	0.165	0.165	0.165
18.140	0.165	0.164	0.164	0.164	0.164
18.190	0.163	0.163	0.163	0.163	0.162
18.240	0.162	0.162	0.162	0.162	0.161
18.290	0.161	0.161	0.161	0.160	0.160
18.340	0.160	0.160	0.160	0.159	0.159
18.390	0.159	0.159	0.158	0.158	0.158
18.440	0.158	0.158	0.157	0.157	0.157
18.490	0.157	0.157	0.156	0.156	0.156
18.540	0.156	0.155	0.155	0.155	0.155
18.590	0.155	0.154	0.154	0.154	0.154
18.640	0.154	0.153	0.153	0.153	0.153
18.690	0.152	0.152	0.152	0.152	0.152
18.740	0.151	0.151	0.151	0.151	0.151
18.790	0.150	0.150	0.150	0.150	0.150
18.840	0.149	0.149	0.149	0.149	0.148
18.890	0.148	0.148	0.148	0.148	0.147
18.940	0.147	0.147	0.147	0.147	0.146
18.990	0.146	0.146	0.146	0.146	0.145
19.040	0.145	0.145	0.145	0.145	0.144
19.090	0.144	0.144	0.144	0.144	0.143

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
19.140	0.143	0.143	0.143	0.143	0.142
19.190	0.142	0.142	0.142	0.142	0.141
19.240	0.141	0.141	0.141	0.141	0.140
19.290	0.140	0.140	0.140	0.140	0.139
19.340	0.139	0.139	0.139	0.139	0.138
19.390	0.138	0.138	0.138	0.138	0.137
19.440	0.137	0.137	0.137	0.137	0.136
19.490	0.136	0.136	0.136	0.136	0.136
19.540	0.135	0.135	0.135	0.135	0.135
19.590	0.134	0.134	0.134	0.134	0.134
19.640	0.133	0.133	0.133	0.133	0.133
19.690	0.132	0.132	0.132	0.132	0.132
19.740	0.131	0.131	0.131	0.131	0.131
19.790	0.131	0.130	0.130	0.130	0.130
19.840	0.130	0.129	0.129	0.129	0.129
19.890	0.129	0.128	0.128	0.128	0.128
19.940	0.128	0.128	0.127	0.127	0.127
19.990	0.127	0.127	0.126	0.126	0.126
20.040	0.126	0.126	0.126	0.125	0.125
20.090	0.125	0.125	0.125	0.124	0.124
20.140	0.124	0.124	0.124	0.124	0.123
20.190	0.123	0.123	0.123	0.123	0.122
20.240	0.122	0.122	0.122	0.122	0.122
20.290	0.121	0.121	0.121	0.121	0.121
20.340	0.121	0.120	0.120	0.120	0.120
20.390	0.120	0.120	0.119	0.119	0.119
20.440	0.119	0.119	0.119	0.118	0.118
20.490	0.118	0.118	0.118	0.118	0.117
20.540	0.117	0.117	0.117	0.117	0.117
20.590	0.116	0.116	0.116	0.116	0.116
20.640	0.116	0.116	0.115	0.115	0.115
20.690	0.115	0.115	0.115	0.114	0.114
20.740	0.114	0.114	0.114	0.114	0.114
20.790	0.113	0.113	0.113	0.113	0.113
20.840	0.113	0.113	0.112	0.112	0.112
20.890	0.112	0.112	0.112	0.112	0.111
20.940	0.111	0.111	0.111	0.111	0.111
20.990	0.111	0.110	0.110	0.110	0.110
21.040	0.110	0.110	0.110	0.109	0.109
21.090	0.109	0.109	0.109	0.109	0.109
21.140	0.108	0.108	0.108	0.108	0.108
21.190	0.108	0.108	0.108	0.107	0.107

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
21.240	0.107	0.107	0.107	0.107	0.107
21.290	0.107	0.106	0.106	0.106	0.106
21.340	0.106	0.106	0.106	0.105	0.105
21.390	0.105	0.105	0.105	0.105	0.105
21.440	0.105	0.104	0.104	0.104	0.104
21.490	0.104	0.104	0.104	0.104	0.104
21.540	0.103	0.103	0.103	0.103	0.103
21.590	0.103	0.103	0.103	0.102	0.102
21.640	0.102	0.102	0.102	0.102	0.102
21.690	0.102	0.102	0.101	0.101	0.101
21.740	0.101	0.101	0.101	0.101	0.101
21.790	0.101	0.100	0.100	0.100	0.100
21.840	0.100	0.100	0.100	0.100	0.100
21.890	0.099	0.099	0.099	0.099	0.099
21.940	0.099	0.099	0.099	0.099	0.098
21.990	0.098	0.098	0.098	0.098	0.098
22.040	0.098	0.098	0.098	0.097	0.097
22.090	0.097	0.097	0.097	0.097	0.097
22.140	0.097	0.097	0.097	0.096	0.096
22.190	0.096	0.096	0.096	0.096	0.096
22.240	0.096	0.096	0.096	0.095	0.095
22.290	0.095	0.095	0.095	0.095	0.095
22.340	0.095	0.095	0.095	0.094	0.094
22.390	0.094	0.094	0.094	0.094	0.094
22.440	0.094	0.094	0.094	0.094	0.093
22.490	0.093	0.093	0.093	0.093	0.093
22.540	0.093	0.093	0.093	0.093	0.093
22.590	0.092	0.092	0.092	0.092	0.092
22.640	0.092	0.092	0.092	0.092	0.092
22.690	0.092	0.091	0.091	0.091	0.091
22.740	0.091	0.091	0.091	0.091	0.091
22.790	0.091	0.091	0.090	0.090	0.090
22.840	0.090	0.090	0.090	0.090	0.090
22.890	0.090	0.090	0.090	0.090	0.089
22.940	0.089	0.089	0.089	0.089	0.089
22.990	0.089	0.089	0.089	0.089	0.089
23.040	0.089	0.088	0.088	0.088	0.088
23.090	0.088	0.088	0.088	0.088	0.088
23.140	0.088	0.088	0.088	0.088	0.087
23.190	0.087	0.087	0.087	0.087	0.087
23.240	0.087	0.087	0.087	0.087	0.087
23.290	0.087	0.086	0.086	0.086	0.086

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
23.340	0.086	0.086	0.086	0.086	0.086
23.390	0.086	0.086	0.086	0.086	0.086
23.440	0.085	0.085	0.085	0.085	0.085
23.490	0.085	0.085	0.085	0.085	0.085
23.540	0.085	0.085	0.085	0.084	0.084
23.590	0.084	0.084	0.084	0.084	0.084
23.640	0.084	0.084	0.084	0.084	0.084
23.690	0.084	0.084	0.083	0.083	0.083
23.740	0.083	0.083	0.083	0.083	0.083
23.790	0.083	0.083	0.083	0.083	0.083
23.840	0.083	0.083	0.082	0.082	0.082
23.890	0.082	0.082	0.082	0.082	0.082
23.940	0.082	0.082	0.082	0.082	0.082
23.990	0.082	0.082	0.081	0.081	0.081
24.040	0.081	0.081	0.081	0.081	0.080
24.090	0.080	0.080	0.080	0.079	0.079
24.140	0.079	0.079	0.078	0.078	0.078
24.190	0.078	0.077	0.077	0.077	0.076
24.240	0.076	0.076	0.076	0.075	0.075
24.290	0.075	0.075	0.074	0.074	0.074
24.340	0.073	0.073	0.073	0.073	0.072
24.390	0.072	0.072	0.072	0.071	0.071
24.440	0.071	0.071	0.070	0.070	0.070
24.490	0.070	0.069	0.069	0.069	0.069
24.540	0.068	0.068	0.068	0.068	0.067
24.590	0.067	0.067	0.067	0.066	0.066
24.640	0.066	0.066	0.065	0.065	0.065
24.690	0.065	0.065	0.064	0.064	0.064
24.740	0.064	0.063	0.063	0.063	0.063
24.790	0.062	0.062	0.062	0.062	0.062
24.840	0.061	0.061	0.061	0.061	0.060
24.890	0.060	0.060	0.060	0.060	0.059
24.940	0.059	0.059	0.059	0.059	0.058
24.990	0.058	0.058	0.058	0.058	0.057
25.040	0.057	0.057	0.057	0.057	0.056
25.090	0.056	0.056	0.056	0.055	0.055
25.140	0.055	0.055	0.055	0.055	0.054
25.190	0.054	0.054	0.054	0.054	0.053
25.240	0.053	0.053	0.053	0.053	0.052
25.290	0.052	0.052	0.052	0.052	0.051
25.340	0.051	0.051	0.051	0.051	0.051
25.390	0.050	0.050	0.050	0.050	0.050

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
25.440	0.049	0.049	0.049	0.049	0.049
25.490	0.049	0.048	0.048	0.048	0.048
25.540	0.048	0.048	0.047	0.047	0.047
25.590	0.047	0.047	0.047	0.046	0.046
25.640	0.046	0.046	0.046	0.046	0.045
25.690	0.045	0.045	0.045	0.045	0.045
25.740	0.044	0.044	0.044	0.044	0.044
25.790	0.044	0.043	0.043	0.043	0.043
25.840	0.043	0.043	0.043	0.042	0.042
25.890	0.042	0.042	0.042	0.042	0.041
25.940	0.041	0.041	0.041	0.041	0.041
25.990	0.041	0.040	0.040	0.040	0.040
26.040	0.040	0.040	0.040	0.039	0.039
26.090	0.039	0.039	0.039	0.039	0.039
26.140	0.038	0.038	0.038	0.038	0.038
26.190	0.038	0.038	0.037	0.037	0.037
26.240	0.037	0.037	0.037	0.037	0.037
26.290	0.036	0.036	0.036	0.036	0.036
26.340	0.036	0.036	0.036	0.035	0.035
26.390	0.035	0.035	0.035	0.035	0.035
26.440	0.035	0.034	0.034	0.034	0.034
26.490	0.034	0.034	0.034	0.034	0.033
26.540	0.033	0.033	0.033	0.033	0.033
26.590	0.033	0.033	0.032	0.032	0.032
26.640	0.032	0.032	0.032	0.032	0.032
26.690	0.032	0.031	0.031	0.031	0.031
26.740	0.031	0.031	0.031	0.031	0.031
26.790	0.030	0.030	0.030	0.030	0.030
26.840	0.030	0.030	0.030	0.030	0.029
26.890	0.029	0.029	0.029	0.029	0.029
26.940	0.029	0.029	0.029	0.029	0.028
26.990	0.028	0.028	0.028	0.028	0.028
27.040	0.028	0.028	0.028	0.028	0.027
27.090	0.027	0.027	0.027	0.027	0.027
27.140	0.027	0.027	0.027	0.027	0.026
27.190	0.026	0.026	0.026	0.026	0.026
27.240	0.026	0.026	0.026	0.026	0.026
27.290	0.025	0.025	0.025	0.025	0.025
27.340	0.025	0.025	0.025	0.025	0.025
27.390	0.025	0.024	0.024	0.024	0.024
27.440	0.024	0.024	0.024	0.024	0.024
27.490	0.024	0.024	0.023	0.023	0.023

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
27.540	0.023	0.023	0.023	0.023	0.023
27.590	0.023	0.023	0.023	0.023	0.022
27.640	0.022	0.022	0.022	0.022	0.022
27.690	0.022	0.022	0.022	0.022	0.022
27.740	0.022	0.022	0.021	0.021	0.021
27.790	0.021	0.021	0.021	0.021	0.021
27.840	0.021	0.021	0.021	0.021	0.021
27.890	0.020	0.020	0.020	0.020	0.020
27.940	0.020	0.020	0.020	0.020	0.020
27.990	0.020	0.020	0.020	0.020	0.019
28.040	0.019	0.019	0.019	0.019	0.019
28.090	0.019	0.019	0.019	0.019	0.019
28.140	0.019	0.019	0.019	0.019	0.018
28.190	0.018	0.018	0.018	0.018	0.018
28.240	0.018	0.018	0.018	0.018	0.018
28.290	0.018	0.018	0.018	0.018	0.017
28.340	0.017	0.017	0.017	0.017	0.017
28.390	0.017	0.017	0.017	0.017	0.017
28.440	0.017	0.017	0.017	0.017	0.017
28.490	0.017	0.016	0.016	0.016	0.016
28.540	0.016	0.016	0.016	0.016	0.016
28.590	0.016	0.016	0.016	0.016	0.016
28.640	0.016	0.016	0.016	0.015	0.015
28.690	0.015	0.015	0.015	0.015	0.015
28.740	0.015	0.015	0.015	0.015	0.015
28.790	0.015	0.015	0.015	0.015	0.015
28.840	0.015	0.014	0.014	0.014	0.014
28.890	0.014	0.014	0.014	0.014	0.014
28.940	0.014	0.014	0.014	0.014	0.014
28.990	0.014	0.014	0.014	0.014	0.014
29.040	0.014	0.013	0.013	0.013	0.013
29.090	0.013	0.013	0.013	0.013	0.013
29.140	0.013	0.013	0.013	0.013	0.013
29.190	0.013	0.013	0.013	0.013	0.013
29.240	0.013	0.013	0.013	0.012	0.012
29.290	0.012	0.012	0.012	0.012	0.012
29.340	0.012	0.012	0.012	0.012	0.012
29.390	0.012	0.012	0.012	0.012	0.012
29.440	0.012	0.012	0.012	0.012	0.012
29.490	0.012	0.011	0.011	0.011	0.011
29.540	0.011	0.011	0.011	0.011	0.011
29.590	0.011	0.011	0.011	0.011	0.011

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
29.640	0.011	0.011	0.011	0.011	0.011
29.690	0.011	0.011	0.011	0.011	0.011
29.740	0.011	0.010	0.010	0.010	0.010
29.790	0.010	0.010	0.010	0.010	0.010
29.840	0.010	0.010	0.010	0.010	0.010
29.890	0.010	0.010	0.010	0.010	0.010
29.940	0.010	0.010	0.010	0.010	0.010
29.990	0.010	0.010	0.010	0.010	0.009
30.040	0.009	0.009	0.009	0.009	0.009
30.090	0.009	0.009	0.009	0.009	0.009
30.140	0.009	0.009	0.009	0.009	0.009
30.190	0.009	0.009	0.009	0.009	0.009
30.240	0.009	0.009	0.009	0.009	0.009
30.290	0.009	0.009	0.009	0.009	0.009
30.340	0.008	0.008	0.008	0.008	0.008
30.390	0.008	0.008	0.008	0.008	0.008
30.440	0.008	0.008	0.008	0.008	0.008
30.490	0.008	0.008	0.008	0.008	0.008
30.540	0.008	0.008	0.008	0.008	0.008
30.590	0.008	0.008	0.008	0.008	0.008
30.640	0.008	0.008	0.008	0.008	0.008
30.690	0.007	0.007	0.007	0.007	0.007
30.740	0.007	0.007	0.007	0.007	0.007
30.790	0.007	0.007	0.007	0.007	0.007
30.840	0.007	0.007	0.007	0.007	0.007
30.890	0.007	0.007	0.007	0.007	0.007
30.940	0.007	0.007	0.007	0.007	0.007
30.990	0.007	0.007	0.007	0.007	0.007
31.040	0.007	0.007	0.007	0.007	0.006
31.090	0.006	0.006	0.006	0.006	0.006
31.140	0.006	0.006	0.006	0.006	0.006
31.190	0.006	0.006	0.006	0.006	0.006
31.240	0.006	0.006	0.006	0.006	0.006
31.290	0.006	0.006	0.006	0.006	0.006
31.340	0.006	0.006	0.006	0.006	0.006
31.390	0.006	0.006	0.006	0.006	0.006
31.440	0.006	0.006	0.006	0.006	0.006
31.490	0.006	0.006	0.006	0.006	0.006
31.540	0.006	0.005	0.005	0.005	0.005
31.590	0.005	0.005	0.005	0.005	0.005
31.640	0.005	0.005	0.005	0.005	0.005
31.690	0.005	0.005	0.005	0.005	0.005

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
31.740	0.005	0.005	0.005	0.005	0.005
31.790	0.005	0.005	0.005	0.005	0.005
31.840	0.005	0.005	0.005	0.005	0.005
31.890	0.005	0.005	0.005	0.005	0.005
31.940	0.005	0.005	0.005	0.005	0.005
31.990	0.005	0.005	0.005	0.005	0.005
32.040	0.005	0.005	0.005	0.005	0.005
32.090	0.005	0.005	0.004	0.004	0.004
32.140	0.004	0.004	0.004	0.004	0.004
32.190	0.004	0.004	0.004	0.004	0.004
32.240	0.004	0.004	0.004	0.004	0.004
32.290	0.004	0.004	0.004	0.004	0.004
32.340	0.004	0.004	0.004	0.004	0.004
32.390	0.004	0.004	0.004	0.004	0.004
32.440	0.004	0.004	0.004	0.004	0.004
32.490	0.004	0.004	0.004	0.004	0.004
32.540	0.004	0.004	0.004	0.004	0.004
32.590	0.004	0.004	0.004	0.004	0.004
32.640	0.004	0.004	0.004	0.004	0.004
32.690	0.004	0.004	0.004	0.004	0.004
32.740	0.004	0.004	0.004	0.004	0.004
32.790	0.004	0.003	0.003	0.003	0.003
32.840	0.003	0.003	0.003	0.003	0.003
32.890	0.003	0.003	0.003	0.003	0.003
32.940	0.003	0.003	0.003	0.003	0.003
32.990	0.003	0.003	0.003	0.003	0.003
33.040	0.003	0.003	0.003	0.003	0.003
33.090	0.003	0.003	0.003	0.003	0.003
33.140	0.003	0.003	0.003	0.003	0.003
33.190	0.003	0.003	0.003	0.003	0.003
33.240	0.003	0.003	0.003	0.003	0.003
33.290	0.003	0.003	0.003	0.003	0.003
33.340	0.003	0.003	0.003	0.003	0.003
33.390	0.003	0.003	0.003	0.003	0.003
33.440	0.003	0.003	0.003	0.003	0.003
33.490	0.003	0.003	0.003	0.003	0.003
33.540	0.003	0.003	0.003	0.003	0.003
33.590	0.003	0.003	0.003	0.003	0.003
33.640	0.003	0.003	0.003	0.003	0.003
33.690	0.003	0.003	0.003	0.003	0.003
33.740	0.002	0.002	0.002	0.002	0.002
33.790	0.002	0.002	0.002	0.002	0.002

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
33.840	0.002	0.002	0.002	0.002	0.002
33.890	0.002	0.002	0.002	0.002	0.002
33.940	0.002	0.002	0.002	0.002	0.002
33.990	0.002	0.002	0.002	0.002	0.002
34.040	0.002	0.002	0.002	0.002	0.002
34.090	0.002	0.002	0.002	0.002	0.002
34.140	0.002	0.002	0.002	0.002	0.002
34.190	0.002	0.002	0.002	0.002	0.002
34.240	0.002	0.002	0.002	0.002	0.002
34.290	0.002	0.002	0.002	0.002	0.002
34.340	0.002	0.002	0.002	0.002	0.002
34.390	0.002	0.002	0.002	0.002	0.002
34.440	0.002	0.002	0.002	0.002	0.002
34.490	0.002	0.002	0.002	0.002	0.002
34.540	0.002	0.002	0.002	0.002	0.002
34.590	0.002	0.002	0.002	0.002	0.002
34.640	0.002	0.002	0.002	0.002	0.002
34.690	0.002	0.002	0.002	0.002	0.002
34.740	0.002	0.002	0.002	0.002	0.002
34.790	0.002	0.002	0.002	0.002	0.002
34.840	0.002	0.002	0.002	0.002	0.002
34.890	0.002	0.002	0.002	0.002	0.002
34.940	0.002	0.002	0.002	0.002	0.002
34.990	0.002	0.002	0.002	0.002	0.002
35.040	0.002	0.002	0.002	0.002	0.002
35.090	0.002	0.002	0.002	0.002	0.002
35.140	0.002	0.002	0.001	0.001	0.001
35.190	0.001	0.001	0.001	0.001	0.001
35.240	0.001	0.001	0.001	0.001	0.001
35.290	0.001	0.001	0.001	0.001	0.001
35.340	0.001	0.001	0.001	0.001	0.001
35.390	0.001	0.001	0.001	0.001	0.001
35.440	0.001	0.001	0.001	0.001	0.001
35.490	0.001	0.001	0.001	0.001	0.001
35.540	0.001	0.001	0.001	0.001	0.001
35.590	0.001	0.001	0.001	0.001	0.001
35.640	0.001	0.001	0.001	0.001	0.001
35.690	0.001	0.001	0.001	0.001	0.001
35.740	0.001	0.001	0.001	0.001	0.001
35.790	0.001	0.001	0.001	0.001	0.001
35.840	0.001	0.001	0.001	0.001	0.001
35.890	0.001	0.001	0.001	0.001	0.001

SORA WEST

Subsection: Pond Infiltration Hydrograph
Label: UB-1 (INF)
Scenario: Synthetic Curve, 2 yrs

Return Event: 2 years
Storm Event: 2-Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.010 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
35.940	0.001	0.001	0.001	0.001	0.001
35.990	0.001	0.001	0.001	0.001	0.001
36.040	0.001	0.001	0.001	0.001	0.001
36.090	0.001	0.001	0.001	0.001	0.001
36.140	0.001	0.001	(N/A)	(N/A)	(N/A)

SORA WEST

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APPENDIX C – DRAINAGE DESIGN

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	1 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: BRB-1-1

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
98.00	174	20%	35	0.001				
100.00	174	100%	174	0.004	2.00	0.002	0.001	0.001
101.00	324	100%	324	0.007	1.00	0.006	0.006	0.007
101.50	389	100%	389	0.009	0.50	0.008	0.004	0.011

TOTAL VOLUME	**0.011 Ac-Ft**
	461 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**191 CF**

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	2 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: BRB-1-2

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
101.00	376	20%	75	0.002				
103.00	376	100%	376	0.009	2.00	0.005	0.002	0.002
104.00	489	100%	489	0.011	1.00	0.010	0.010	0.012
105.00	549	100%	549	0.013	1.00	0.012	0.012	0.024

TOTAL VOLUME	**0.024 Ac-Ft**
	1,033 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**266 CF**

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	3 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: BRB-1-3

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
104.00	491	20%	98	0.002				
106.00	491	100%	491	0.011	2.00	0.006	0.002	0.002
107.00	631	100%	631	0.014	1.00	0.013	0.013	0.015
108.00	703	100%	703	0.016	1.00	0.015	0.015	0.031

TOTAL VOLUME	**0.031 Ac-Ft**
	1,334 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**430 CF**

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	4 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: BRB-1-4

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
107.00	502	20%	100	0.002				
109.00	502	100%	502	0.012	2.00	0.006	0.003	0.003
110.00	645	100%	645	0.015	1.00	0.013	0.013	0.016
111.00	718	100%	718	0.016	1.00	0.016	0.016	0.031

TOTAL VOLUME	**0.031 Ac-Ft**
	1,363 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**519 CF**

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	5 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: BRB-1-5

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
110.00	281	20%	56	0.001				
112.00	281	100%	281	0.006	2.00	0.004	0.001	0.001
113.00	379	100%	379	0.009	1.00	0.008	0.008	0.009
114.00	429	100%	429	0.010	1.00	0.009	0.009	0.018

TOTAL VOLUME	**0.018 Ac-Ft**
	794 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**348 CF**

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	6 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: BRB-1-6

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
113.00	110	20%	22	0.001				
115.00	110	100%	110	0.003	2.00	0.001	0.001	0.001
116.00	235	100%	235	0.005	1.00	0.004	0.004	0.004
117.00	339	100%	339	0.008	1.00	0.007	0.007	0.011

TOTAL VOLUME	**0.011 Ac-Ft**
	478 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**193 CF**

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	7 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Calculation of Detention Basin based upon Conic Equation
Vol = 1/3(E2-E1)(A1+A2+(A1*A2)^0.5)

Detention Basin Identification: RG-1

NOTE:
The initial area is zero for a dry basin and is the invert of the outlet structure, or the area of water surface for a basin with a permanent pond.

Elevation	Surface Area (sf)	Void (%)	Area (sf)	Area (Acres)	Elevation Difference	Conic Area	Inc Volume (Ac-Ft)	Accum Volume (Ac-Ft)
118.00	1,568	20%	314	0.007				
120.00	1,568	100%	1,568	0.036	2.00	0.020	0.008	0.008
121.00	2,020	100%	2,020	0.046	1.00	0.041	0.041	0.049
122.00	2,088	100%	2,088	0.048	1.00	0.047	0.047	0.096

TOTAL VOLUME	**0.096 Ac-Ft**
	4,188 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**2,685 CF**

Green Roof Credits

COVER DESCRIPTION (cover type, treatment and hydrologic condition)	CN	AREA (SF)	AREA (ac)
Impervious Roof	98	12,725	0.292
Green Roof	86	12,725	0.292

RUNOFF	#1	#2	**Credits**
Frequency (yr)	2	2	2
Rainfall, P - 24 hour (in)	3.28	3.28	3.28

PROJECT:	SORA WEST		
SUBJECT:	BASIN VOLUME		
SHEET:	8 OF 8	DATE:	4/5/2019
BY:	S. Clarry	REVISED:	
CHK'D:			

Detention Basin Identification: UG-1

14 rows of 23 chambers, 2 rows of 22 chambers, 1 row each of 1, 4, 8, 11, 14, 18, and 21 chambers long
TOTAL CHAMBERS = 443

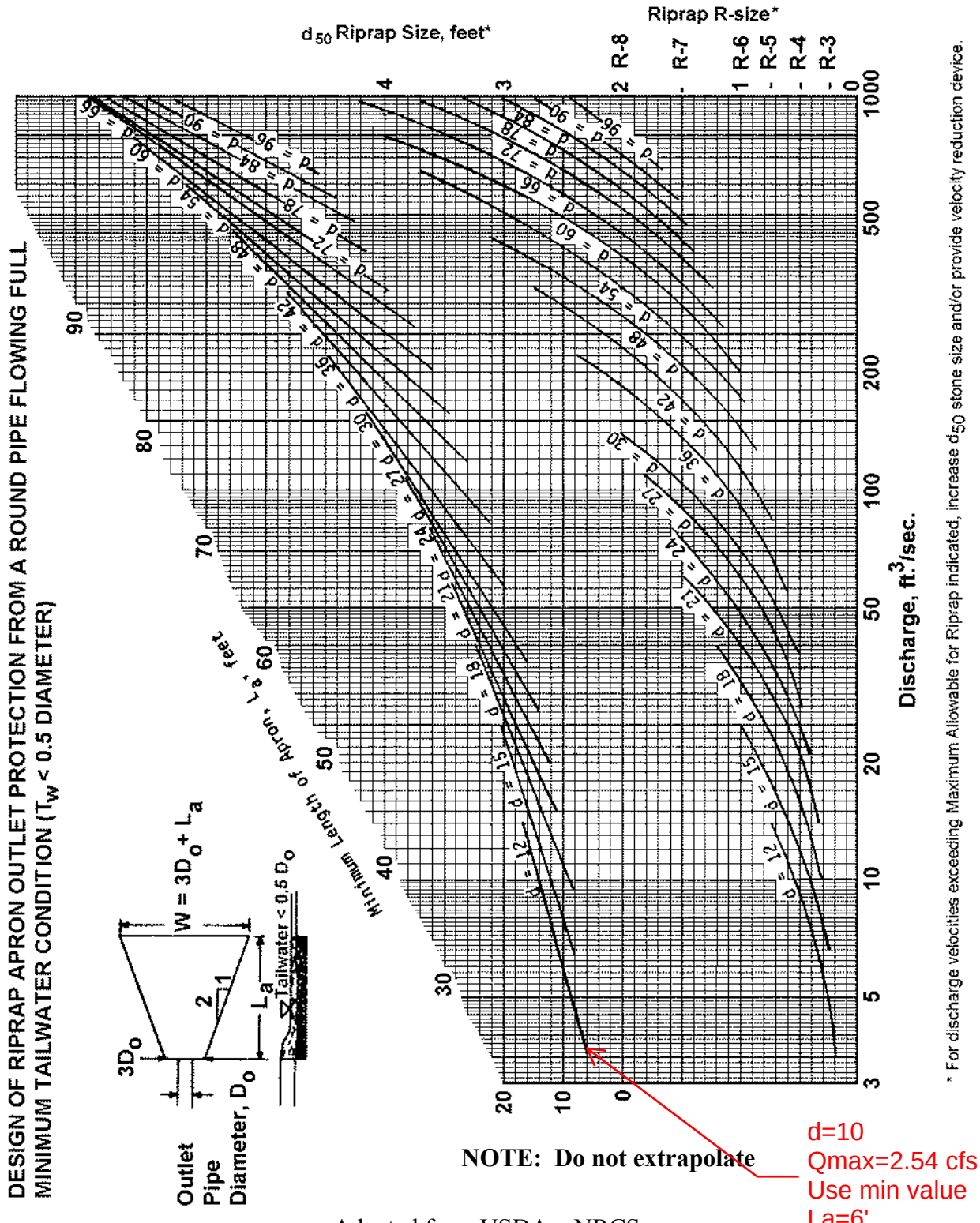
Height	Material	Void (%)	Area (sf)	Incremental Storage Per Chamber	Incremental Storage For System	
0.00						
0.67	Stone	40%	11,550		3080	
0.75	Chamber and Stone			1.660	3815	
0.84	Chamber and Stone			3.290	4537	
0.92	Chamber and Stone			4.900	5251	
1.00	Chamber and Stone			6.480	5951	
1.09	Chamber and Stone			8.030	6637	
1.17	Chamber and Stone			9.550	7311	
1.25	Chamber and Stone			11.040	7971	
1.34	Chamber and Stone			12.480	8609	
1.42	Chamber and Stone			13.880	9229	
1.50	Chamber and Stone			15.230	9827	
1.59	Chamber and Stone			16.510	10394	
1.67	Chamber and Stone			17.730	10934	
1.75	Chamber and Stone			18.840	11426	
1.84	Chamber and Stone			19.800	11851	
1.92	Chamber and Stone			20.690	12246	
2.00	Chamber and Stone			21.520	12613	
2.67	Stone	40%	11,550		15693	
Total					15693	

TOTAL VOLUME	**0.360 Ac-Ft**
	15,693 CF

VOLUME CREDITS	
(2-Year Volume from Infiltration Routing)	**8,683 CF**

SN	Description	From (Inlet) Node	To (Outlet) Node	Length	Inlet Invert Elevation	Outlet Invert Elevation	Average Slope	Pipe Diameter or Height	Manning's Roughness	Peak Flow	Design Flow Capacity	Ground/Rim (Start) Elevation	Ground/Rim (End) Elevation	Maximum Start HGL Elevation Attained	Maximum End HGL Elevation Attained
				(ft)	(ft)	(ft)	(%)	(inches)		(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)
1	15 in HDPE	DMH-3	MF Unit 2	1.00	92.03	92.01	2.0000	15.000	0.0130	5.94	9.14	100.8	98.84	96.52	96.81
2	18 in HDPE	DMH-2	MF Unit 1	3.00	92.16	92.01	5.0000	18.000	0.0130	3.90	23.49	102.5	101.2	96.89	96.81
3	15 in HDPE	TD-13	DMH-2	46.28	98.78	96.47	5.0000	15.000	0.0130	3.90	14.43	107	102.5	99.43	96.89
4	15 in HDPE	DMH-6	TD-13	15.51	99.04	98.89	1.0000	15.000	0.0130	2.56	6.46	108.75	107	103.78	99.43
5	18 in HDPE	OS-UB1	UG-1OUT	27.27	109.56	106.71	10.4500	18.000	0.0130	10.94	33.96	117.06	111.1	110.47	107.83
6	15 in HDPE	OS-BRB1	BRBOUT	28.10	97.92	97.63	1.0100	15.000	0.0130	3.07	6.48	100.5	99.6	98.14	97.91
7	10 in HDPE	GARTOBRB	FES-1	2.99	115.15	115.00	4.9800	10.000	0.0130	2.54	4.89		115	115.58	115.43
8	12 in HDPE	OS-RG1	UG-1	62.62	113.56	111.05	4.0000	12.000	0.0130	4.24	7.12	120.75		113.56	111.61
9	12 in HDPE	OFF2	OFFICE2	28.07	111.50	110.80	2.5000	12.000	0.0130	5.31	5.63			112.28	111.57
10	12 in HDPE	OFF1	OFFICE1	18.40	111.40	110.94	2.5000	12.000	0.0130	5.22	5.64			112.16	111.7
11	10 in HDPE	TD-8	UG-1	6.04	111.12	111.00	1.9900	10.000	0.0130	0.02	3.09	120.33		111.27	111.05
12	15 in HDPE	HOTEL	UG-1	8.63	111.13	110.98	2.0000	10.000	0.0130	3.08	3.10			111.64	111.51
13	15 in HDPE	GARTOMF	DMH-3	7.09	92.60	92.53	1.0000	15.000	0.0130	5.29	5.59		100.8	93.57	96.52
14	18 in HDPE	MF Unit 2	DMH-1	62.47	91.76	91.42	0.5500	18.000	0.0130	9.74	8.51	100.05	98.84	96.81	92.03
15	15 in HDPE	TD-1B	DMH-7	16.79	95.98	95.14	5.0000	15.000	0.0130	0.28	14.44	100.6	99.13	96.11	95.52
16	8 in HDPE	HOTEL BYPASS	DMH-7	22.81	95.26	95.14	0.5000	8.000	0.0130	0.53	0.86		99.13	95.6	95.52
17	15 in HDPE	DMH-7	TD-1A	20.81	95.04	94.00	5.0000	15.000	0.0130	0.81	14.44	99.13	97.35	95.52	94.2
18	15 in HDPE	TD-1A	EX-INL	17.81	92.35	92.00	1.9800	15.000	0.0130	1.10	9.09	97.35	0	94.2	92.28
19	10 in HDPE	TD-7A	TD-7B	4.85	120.26	120.16	2.0600	10.000	0.0130	0.42	3.14	122.12	122.3	120.46	120.35
20	10 in HDPE	TD-7B	FES-3	4.49	120.06	120.04	0.4900	10.000	0.0130	0.38	1.53	122.3		120.35	120.32
21	10 in HDPE	TD-9	UG-1	1.58	111.01	110.98	2.0000	10.000	0.0130	0.42	3.10	116.73		111.08	110.98
22	6 in HDPE	AD-1	TD-6	7.71	125.00	124.85	2.0000	6.000	0.0130	0.24	0.79	126.4	129.69	125.19	125.04
23	6 in HDPE	TD-6	TD-5	1.99	124.75	124.71	2.0100	6.000	0.0130	0.24	0.80	129.69	129.1	125.04	124.76
24	6 in HDPE	TD-5	TD-4	1.98	124.61	124.57	2.0200	6.000	0.0130	0.24	0.80	129.1	127.89	124.89	124.75
25	6 in HDPE	TD-4	TD-3	1.99	124.47	124.43	2.0100	6.000	0.0130	0.24	0.80	127.89	126.76	124.75	124.61
26	10 in HDPE	TD-3	FES-4	5.21	123.60	123.50	2.0000	10.000	0.0130	0.24	3.10	126.76		124.61	123.65
27	10 in HDPE	I-1	DMH-5	20.56	102.32	102.06	1.2500	10.000	0.0130	0.23	2.46	109.1	108.4	102.49	102.23
28	10 in HDPE	FIREHOUSE	UG-1	12.20	111.22	110.98	2.0000	10.000	0.0130	0.53	3.10			102.97	102.69
29	10 in HDPE	GARTORG	FES-2	2.21	120.08	120.04	1.9900	10.000	0.0130	1.25	3.09			120.45	120.04
30	12 in HDPE	I-2	DMH-6	39.83	99.34	99.14	0.5000	12.000	0.0130	1.68	2.52	108.5	108.75	100.14	103.78
31	12 in HDPE	DMH-5	I-2	59.23	99.64	99.34	0.5000	12.000	0.0130	1.07	2.52	108.4	108.5	102.23	100.14
32	10 in HDPE	TD-12	DMH-6	99.17	107.63	103.67	3.9900	10.000	0.0130	0.17	4.38	112	108.75	107.74	103.78
33	10 in HDPE	CANOPYTD	TD-8	11.86	111.46	111.22	2.0100	10.000	0.0130	0.02	3.10	122.25	120.33	111.51	111.27
34	15 in HDPE	TD-2	DMH-3	10.15	96.50	96.30	2.0000	15.000	0.0130	0.65	9.14	99.51	100.8	96.73	96.52
35	12 in HDPE	I-3	DMH-5	63.43	100.06	99.74	0.5000	12.000	0.0130	0.86	2.52	103.16	108.4	100.47	102.23

FIGURE 9.3
Riprap Apron Design, Minimum Tailwater Condition



Adapted from USDA – NRCS
Not to be used for Box Culverts

For less than full-pipe flow conditions, calculate anticipated velocity as described at the beginning of this chapter and adjust riprap size where necessary to comply with Table 6.6.

Sean Clarry

To: Busque, Nicholas
Subject: RE: 605485: Sora West - JF system

From: Busque, Nicholas <NBusque@conteches.com>
Sent: Thursday, November 15, 2018 5:41 PM
To: Sean Clarry <SClarry@Pennoni.com>
Cc: Jason Sheridan <JSheridan@Pennoni.com>; Sapp, Adam <ASapp@conteches.com>; Smith, Vincent <VSmith@conteches.com>
Subject: RE: 605485: Sora West - JF system

Sean,

The JF10's peak bypass capacity is 8.00 cfs, versus an estimated 72.02 cfs for the 8'x11' peak diversion vault. The cost between these two structures tend to be similar when they are installed in sites where depth from grade to outlet invert is shallow, though typically the vaults end up being more cost-effect. Moving forward, our peak diversion vault is the go-to structure for online configurations since it offers a higher bypass capacity. We will still be able to work with our larger diameter Jellyfish manhole systems in offline designs with external bypass structures, though we prefer designing with the vaults if the system needs to incorporate an internal bypass mechanism.

Regards,

Nicholas Busque, EIT
Design Engineer | Stormwater Solutions

Contech Engineered Solutions LLC
7037 Ridge Road, Suite 350 | Hanover, MD 21076
Off: 1 (410)-609-6140
NBusque@conteches.com
www.ContechES.com

APPENDIX D – PENNONI INFILTRATION REPORT (DATED: OCTOBER 18, 2017)

Pennoni

2041 Avenue C
Suite 100
Bethlehem, PA 18017
T: 610-231-0600
F: 610-231-2033

www.pennoni.com

October 18, 2017

KEYP 1401

Michael Brookshier
Vice President of Development
Keystone Property Group
125 East Elm Street, Suite 400
Conshohocken, PA 19428

Re: Geotechnical Engineering Services
Infiltration Testing
SORA West
Fayette and West Elm Streets
Conshohocken, PA

Mr. Brookshier:

On October 16, 2017 Pennoni Associates, Inc. (Pennoni) personnel conducted four cased borehole infiltration tests within the proposed infiltration areas at the referenced location. The infiltration testing was performed in general accordance with the Pennsylvania Stormwater Best Management Practice Manual (BMP). The testing locations and test depths were established in the field by Pennoni. The approximate test locations are presented on Drawing LP-1 attached hereto.

Prior to testing, five borings were drilled by CGS Geoservices, LLC. The borings were continuously sampled to a minimum depth of 6 ft below the proposed testing elevation. The borings were used to identify potential limiting zones, as well as to confirm the uniformity of subsoils. After establishing the subsurface conditions were suitable for testing. An offset boring was drilled (unsampled) within 2 ft of the original boring location using a hollow stem auger. The auger boring was advanced to the testing elevation and a PVC casing was seated through the augers. The augers were removed and water was added to the PVC casing. After establishing the initial water level, a water level measurement was recorded after 30 minutes and the casing was refilled to the starting level. The procedure was repeated until a stabilized rate was achieved. A stabilized rate is typically considered a minimum of four consecutive readings within 0.25 inches of each other.

At location Boring B-5 a groundwater (G.W.) seep was observed at approximately 8 ft below existing grade. It is our professional opinion that the seep encountered is indicative of perched water conditions and not a static groundwater elevation and/or a seasonal high water table (SHWT). Additionally, the presence of coarse-grained material within the fill stratum prevented proper seating of the infiltration equipment, therefore a test was not conducted at this location. Evidence of limiting zones (i.e. rock, SHWT, etc.) was not observed.

The subsoils have been grouped by us based on their engineering characteristics and our interpretation of origin into two principal strata. Brief strata descriptions are presented on the following page.

STRATUM	DESCRIPTION
F	FILL: Variable containing: Sand, Silt, Gravel, Brick, Coal, Glass, and Rock Fragments
1	Alluvial: Silt with varying amounts of Sand and gravel size Rock Fragments

A table summarizing our findings is presented below:

Infiltration Test Location	*Approximate Ground Surface Elevation (Elev.)**	*Testing Elevation (Elev.)*	*Stratum Tested*	*Limiting Zone Elev.*	*Limiting Zone Type*	*Infiltration Rate (in./hr)*
I-1	119.0	113.0	1	-	NE	0.05
I-2	117.5	112.5	1	-	NE	0.89
I-3	119.0	113.0	1	-	NE	1.23
I-4	119.0	113.0	1	-	NE	0.89
I-5	117.5	NT	-	-	NE	-

NE - Not Encountered
NT – Not Tested
* Elevations were approximated from the Pennoni Associates "Existing Conditions Plan" CS0201 dated November 30, 2015.

Upon completion of testing, the borings were backfilled using the excavated material.

We trust that the information presented in this letter and the enclosures are what you require at this time and we thank you for the opportunity to assist you with this project. If you have any questions, or if you need further assistance with this project, please contact this office at your earliest convenience.

Respectfully yours,

PENNONI ASSOCIATES INC.

Joshua Holderer
Graduate Professional

Michael Morykin, PG
Project Professional

Attachments: Drawing – LP-1
Infiltration Data Sheets I-1 through I-4
Boring Logs B-1 through B-5

LOT 42, BLOCK 9
APN 05-00-02810-002
N/F
KEYSTONE RIVER CROSSING
FIRST
DB 5456 / PG 175
65,683 S.F. / 1.5079 AC.

CURB INLET
GRATE ELEV 119.74
INV 115.61

STORM MANHOLE
RIM ELEV 119.07

CURB INLET
GRATE ELEV 124.31
INV 121.22

CURB INLET
GRATE ELEV 118.39
INV IN 111.32
INV OUT 111.13

CURB INLET
GRATE ELEV 117.85
INV IN 110.38
INV OUT 109.43

DROP INLET
GRATE ELEV 119.14
INV 116.60

B-3/I-3

B-4/I-4

B-5

WEST HECTOR STREET
(50' WIDE)

CURB INLET
GRATE ELEV 117.86
INV 112.89

CURB INLET
GRATE ELEV 117.84
INV IN 111.46
INV OUT 111.44

DROP INLET
GRATE ELEV 116.41
INV 111.90

DROP INLET
GRATE ELEV 115.33
INV 109.09

2IN PIPE
INV 114.14

2IN PIPE
INV 114.17

B-2/I-2

B-1/I-1

S52°34'58"E 120.97'

S52°34'58"E 67.20'

S52°34'58"E 51.30'

S52°34'58"E 103.87'

N52°34'58"W 361.36'

S37°25'02"W 50.00'

CURB INLET
GRATE ELEV 116.45
INV IN 111.45
INV OUT 111.43

S37°08'02"W 70.00'

SEWER MANHOLE
RIM ELEV 113.47
(CRACKED LID)

LOT 30, BLOCK 9
APN 05-00-06040-003
N/F
KEYSTONE RIVER CROSSING
FIRST
DB 5456 / PG 175
10,907 S.F. / 0.2504 AC.

N82°09'37"E 98.55'

DROP INLET
GRATE ELEV 114.85
INV 112.15

CURB INLET
GRATE ELEV 110.86
INV IN 106.76(15")
INV IN 106.67(18")
INV OUT 106.57

LOT 25, BLOCK 9
APN 05-00-06032-002
N/F
CONSHOHOCKEN BOROUGH
DB 5876 / PG 2632
2,579 S.F. / 0.0592 AC.

S52°34'58"E 190.69'

S52°34'58"E 51.90'

N37°08'02"E 184.77'

EXISTING
2 STORY MASONARY
"WASHINGTON FIRE
COMPANY 36"

LOT 1C, BLOCK 9
APN 05-00-02350-003
N/F
KEYSTONE RIVER CROSSING
ELM
DB 5456 / PG 171

DROP INLET
GRATE ELEV 104.71
INV 101.40

S37°08'02"W 114.97'

EXISTING

WEST ELM STREET
(50' WIDE)

NOTES

WATER LEVELS, WHERE SHOWN, ARE THOSE OBSERVED AT THE TIME NOTED AND MAY NOT REFLECT DAILY OR SEASONAL VARIATIONS IN THE GROUND WATER LEVEL.

THE SUBSURFACE CONDITIONS REVEALED BY THIS STUDY REPRESENT CURRENT CONDITIONS AT THE SPECIFIED TEST LOCATIONS ONLY AND MAY NOT BE INDICATIVE OF CONDITIONS AT OTHER LOCATIONS.

0 30' 60'

LEGEND

B-1/I-1 INDICATES APPROXIMATE INFILTRATION TEST/BORING LOCATION AND IDENTIFYING NUMBER.

B- INDICATES APPROXIMATE TEST BORING LOCATION AND IDENTIFYING NUMBER.

PENNONI ASSOCIATES INC.
2041 Avenue C, Suite 100
Bethlehem, PA 18017
T 610.231.0600 F 610.231.2033

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

SORA WEST
FAYETTE AND WEST ELM STREETS
CONSHOHOCKEN, PA 19428

INFILTRATION TESTING LOCATION PLAN

KEYSTONE PROPERTY GROUP
125 EAST ELM STREET, SUITE 400
CONSHOHOCKEN, PA 19428

PROJECT	KEYP1401
DATE	2017-10-18
DRAWING SCALE	1"=30'
DRAWN BY	MM
APPROVED BY	-

DRAWING LP-1

SHEET 1 OF 1

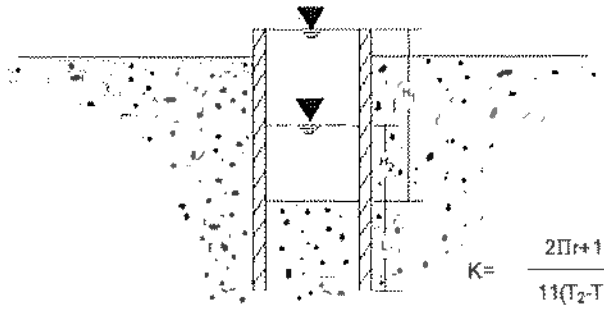
P:\PROJECTS\KEYP\KEYP1401-ONE CONSHOHOCKEN\DESIGN\DRAWING LP-1.DWG
PLOTTED: 10/18/2017 2:41:01 PM, BY: JOSH HOLDERER PLOTSTYLE: PENNONI NCS.STB, PROJECT STATUS: --

Pennoni

FIELD PERMEABILITY DATA SHEET

Date: 10/16/2017
Test Performed By: J. Holderer
Project Number: KEYP1401
Test Number: I-1

Diameter of Stand Pipe: 4 in.
Radius of Stand Pipe: 2 in.
L = 0 in.



$$K = \frac{2\Pi r + 11L}{11(T_2 - T_1)} \ln \frac{H_1}{H_2}$$

Trial #	H_1(in.)	T_1(min)	H_2(in.)	T_2(min)	Rate (in/hr)
1	24.0	0.0	16.5	30.0	0.86
2	24.0	0.0	23.5	30.0	0.05
3	24.0	0.0	23.5	30.0	0.05
4	24.0	0.0	23.5	30.0	0.05
5	24.0	0.0	23.5	30.0	0.05
6	24.0	0.0	23.5	30.0	0.05
			Average		**0.05**

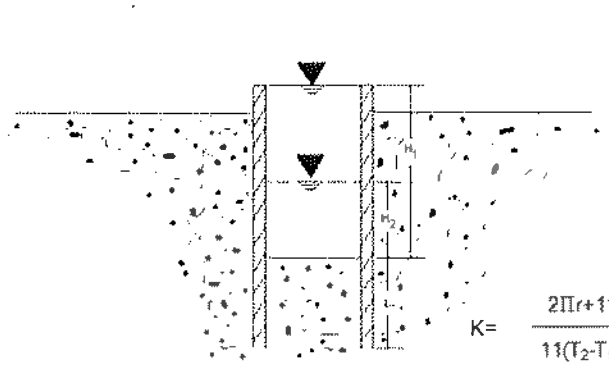
Notes: Test Elevation : 113.0 ft
Corresponds to Boring Log B-1
The average rate was calculatedusing the last four readings

Pennoni

FIELD PERMEABILITY DATA SHEET

Date: 10/16/2017
Test Performed By: J. Holderer
Project Number: KEYP1401
Test Number: I-2

Diameter of Stand Pipe: 4 in.
Radius of Stand Pipe: 2 in.
L = 0 in.



$$K = \frac{2\Pi r + 11L}{11(T_2 - T_1)} \ln \frac{H_1}{H_2}$$

Trial #	H_1(in.)	T_1(min)	H_2(in.)	T_2(min)	Rate (in/hr)
1	24.0	0.0	0.0	30.0	DRY
2	24.0	0.0	9.0	30.0	2.24
3	24.0	0.0	9.0	30.0	2.24
4	24.0	0.0	12.0	30.0	1.58
5	24.0	0.0	15.0	30.0	1.07
6	24.0	0.0	16.3	30.0	0.89
7	24.0	0.0	16.3	30.0	0.89
8	24.0	0.0	16.3	30.0	0.89
9	24.0	0.0	16.3	30.0	0.89
			Average		**0.89**

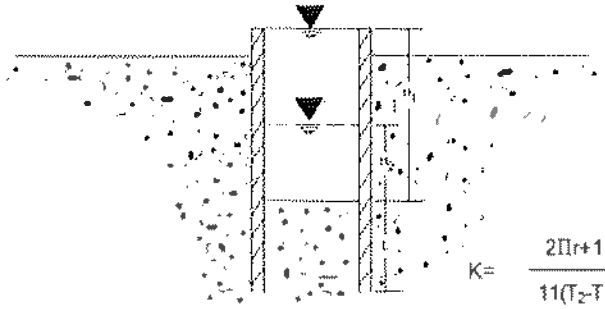
Notes: Test Elevation : 112.5 ft
Corresponds to Boring Log B-2
The average rate was calculatedusing the last four readings

Pennoni

FIELD PERMEABILITY DATA SHEET

Date: 10/16/2017
Test Performed By: J. Holderer
Project Number: KEYP1401
Test Number: I-3

Diameter of Stand Pipe: 4 in.
Radius of Stand Pipe: 2 in.
L = 0 in.



$$K = \frac{2\Pi r + 11L}{11(T_2 - T_1)} \ln \frac{H_1}{H_2}$$

Trial #	H_1(in.)	T_1(min)	H_2(in.)	T_2(min)	Rate (in/hr)
1	24.0	0.0	14.0	30.0	1.23
2	24.0	0.0	14.0	30.0	1.23
3	24.0	0.0	14.0	30.0	1.23
4	24.0	0.0	14.0	30.0	1.23
5	24.0	0.0	14.0	30.0	1.23
6	24.0	0.0	14.0	30.0	1.23
			Average		**1.23**

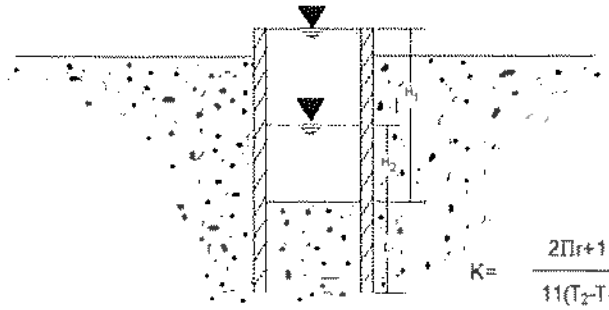
Notes: Test Elevation : 113.0 ft
Corresponds to Boring Log B-3
The average rate was calculatedusing the last four readings

Pennoni

FIELD PERMEABILITY DATA SHEET

Date: 10/16/2017
Test Performed By: J. Holderer
Project Number: KEYP1401
Test Number: I-4

Diameter of Stand Pipe: 4 in.
Radius of Stand Pipe: 2 in.
L = 0 in.



$$K = \frac{2\Pi r + 11L}{11(T_2 - T_1)} \ln \frac{H_1}{H_2}$$

Trial #	H_1(in.)	T_1(min)	H_2(in.)	T_2(min)	Rate (in/hr)
1	24.0	0.0	16.3	30.0	0.89
2	24.0	0.0	16.3	30.0	0.89
3	24.0	0.0	16.3	30.0	0.89
4	24.0	0.0	16.3	30.0	0.89
5	24.0	0.0	16.3	30.0	0.89
6	24.0	0.0	16.3	30.0	0.89
			Average		**0.89**

Notes: Test Elevation : 113.0 ft
Corresponds to Boring Log B-4
The average rate was calculatedusing the last four readings

Pennoni

BORING LOG

BORING B-1
PAGE 1 OF 1

CLIENT Keystone Property Group
PROJECT NAME SORA West
PROJECT NUMBER KEYP 1401
PROJECT LOCATION Conshohocken, PA
DATE STARTED 10/16/17 **COMPLETED** 10/16/17
GROUND ELEVATION 119
DRILLING CONTRACTOR CGC Geoservices, LLC
WATER ENCOUNTERED:
DRILLING METHOD Hollow Stem Auger
DURING DRILLING ---
DRILLER / HELPER E. Blemings / A. Martinez
AT END OF DRILLING ---
LOGGED BY J. Holderer **CHECKED BY** M. Morykin
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	BLOW COUNTS	GRAPHIC LOG	STRATA	DESCRIPTION	REMARKS
0						Depth / Elev.	
	S-1	12	2-3-4-10		T	0.3 / 118.7 — 3" MULCH	
					F	FILL: Brown SILT, some F/M/C Sand, little F/C gravel size Brick, Glass, Coal, and Rock Fragments	Damp (0-12 ft)
	S-2	16	8-6-5-5			4.0 / 115.0	
5	S-3	14	8-8-8-9			Reddish brown SILT, some F/M/C Sand, trace F/C gravel size Rock Fragments	
						6.0 / 113.0	I-1 Completed at Elev. 113.0
	S-4	20	6-8-7-8		1	Light brown to reddish brown SILT, little F/M Sand, trace F/C gravel size Rock Fragments	
	S-5	18	7-7-11-9				
10							
	S-6	4	10-13-11-9			12.0 / 107.0	

Boring terminated at 12.0 feet.

NOTES:
--- = Not Encountered

BORING B-2
PAGE 1 OF 1

Pennoni

BORING LOG

CLIENT Keystone Property Group
PROJECT NAME SORA West
PROJECT NUMBER KEYP 1401
PROJECT LOCATION Conshohocken, PA
DATE STARTED 10/16/17 **COMPLETED** 10/16/17
GROUND ELEVATION 117.5
DRILLING CONTRACTOR CGC Geoservices, LLC
WATER ENCOUNTERED:
DRILLING METHOD Hollow Stem Auger
DURING DRILLING ---
DRILLER / HELPER E. Blemings / A. Martinez
AT END OF DRILLING ---
LOGGED BY J. Holderer **CHECKED BY** M. Morykin
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	BLOW COUNTS	GRAPHIC LOG	STRATA	DESCRIPTION	REMARKS
0					T	Depth 0.3 — 4" MULCH — Elev. 117.2	
	S-1	18	8-16-24-15			FILL: Rubbleized BRICK and ROCK FRAGMENTS	Damp (0-12 ft)
	S-2	1	49-35-14-7			4.0 — Elev. 113.5	
5	S-3	9	7-12-11-10			FILL: Brown to very light gray SILT, little F/C gravel size Rock and Coal Fragments, little F/M/C Sand	B-2 Completed at Elev. 112.5
	S-4	9	8-8-9-11		F	6.0 — Elev. 111.5 FILL: Brown to very light gray F/C gravel size ROCK and BRICK FRAGMENTS some F/M/C Sand, little Silt	
10	S-5	5	12-10-9-12				
	S-6	24	12-8-11-16			11.0 — Elev. 106.5	
					1	Light brown SILT, little F/M Sand, little F/C gravel size Rock Fragments	
						12.0 — Elev. 105.5	

Boring terminated at 12.0 feet.

NOTES:
--- = Not Encountered

BORING B-3
PAGE 1 OF 1

BORING LOG

CLIENT Keystone Property Group
PROJECT NAME SORA West
PROJECT NUMBER KEYP 1401
PROJECT LOCATION Conshohocken, PA
DATE STARTED 10/16/17 **COMPLETED** 10/16/17
GROUND ELEVATION 119
DRILLING CONTRACTOR CGC Geoservices, LLC
WATER ENCOUNTERED:
DRILLING METHOD Hollow Stem Auger
DURING DRILLING ---
DRILLER / HELPER E. Blemings / A. Martinez
AT END OF DRILLING ---
LOGGED BY J. Holderer **CHECKED BY** M. Morykin
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	BLOW COUNTS	GRAPHIC LOG	STRATA	DESCRIPTION	REMARKS
0						Depth / Elev.	
	S-1	16	5-7-7-15		T	0.3 / 118.7 — 4" TOPSOIL	
					F	FILL: Light brown SILT and F/M/C SAND, some F/C gravel size Rock Fragments, trace C gravel size Concrete Fragments	Damp (0-12 ft)
	S-2	1	10-9-4-4			4.0 / 115.0	
5	S-3	14	3-3-4-4			Brown SILT, little F/C gravel size Rock Fragments, little F/M/C Sand	
	S-4	18	4-5-6-7		1		B-3 Completed at Elev. 113.0
	S-5	0	2-3-4-5				
10						10.0 / 109.0	
	S-6	4	6-5-5-7			Reddish brown SILT, little F/C gravel size Rock Fragments, little F/M Sand	
						12.0 / 107.0	

Boring terminated at 12.0 feet.

NOTES:
--- = Not Encountered

Pennoni

BORING LOG

BORING B-4
PAGE 1 OF 1

CLIENT Keystone Property Group
PROJECT NAME SORA West
PROJECT NUMBER KEYP 1401
PROJECT LOCATION Conshohocken, PA
DATE STARTED 10/16/17 **COMPLETED** 10/16/17
GROUND ELEVATION 119
DRILLING CONTRACTOR CGC Geoservices, LLC
WATER ENCOUNTERED:
DRILLING METHOD Hollow Stem Auger
DURING DRILLING ---
DRILLER / HELPER E. Blemings / A. Martinez
AT END OF DRILLING ---
LOGGED BY J. Holderer **CHECKED BY** M. Morykin
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	BLOW COUNTS	GRAPHIC LOG	STRATA	DESCRIPTION	REMARKS
0						Depth / Elev.	
	S-1	14	6-8-12-9		T	0.5 / 118.5 — 6" TOPSOIL	
						FILL: Brown SILT and F/C gravel size BRICK and ROCK FRAGMENTS	Damp (0-12 ft)
	S-2	12	9-5-5-6		F		
5	S-3	12	8-6-11-6			6.0 / 113.0	B-4 Completed at Elev. 113.0
	S-4	12	6-8-6-7			Reddish brown to light brown SILT, some F/M Sand, trace F/C Gravel	
	S-5	18	7-8-6-11		1		
10						10.0 / 109.0	
	S-6	12	12-9-7-7			Light brown F/M/C SAND, some Silt, trace F/C Gravel	
						12.0 / 107.0	
						Boring terminated at 12.0 feet.	

NOTES:
--- = Not Encountered

BORING B-5
PAGE 1 OF 1

Pennoni

BORING LOG

CLIENT Keystone Property Group
PROJECT NAME SORA West
PROJECT NUMBER KEYP 1401
PROJECT LOCATION Conshohocken, PA
DATE STARTED 10/16/17 **COMPLETED** 10/16/17
GROUND ELEVATION 117.5
DRILLING CONTRACTOR CGC Geoservices, LLC
WATER ENCOUNTERED:
DRILLING METHOD Hollow Stem Auger
DURING DRILLING ---
DRILLER / HELPER E. Blemings / A. Martinez
AT END OF DRILLING 8.00 / Elev 109.50
LOGGED BY J. Holderer **CHECKED BY** M. Morykin
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	BLOW COUNTS	GRAPHIC LOG	STRATA	DESCRIPTION	REMARKS
0					T	Depth 0.3 — 3" TOPSOIL — Elev. 117.2	
	S-1	16	6-8-9-8		F	FILL: Brown to reddish brown SILT, some F/C gravel size Brick and Rock Fragments, little F/M/C Sand	Damp (0-10 ft)
	S-2	14	9-6-5-5				
5	S-3	10	7-6-5-4				
	S-4	10	5-3-2-2				
	S-5	8	7-6-5-4				
10						10.0 — 107.5	
	S-6	4	2-2-2-2		1	Brown to dark gray F/C gravel size ROCK FRAGMENTS, little Silt, little F/M/C Sand	Wet (10-12 ft)
						12.0 — 105.5	

Boring terminated at 12.0 feet.

NOTES:
--- = Not Encountered

APPENDIX E – GEOSOLUTIONS INFILTRATION REPORT (DATED: JUNE 29, 2018)

GeoStructures

Bashar S. Qubain, Ph.D., P.E.
Eric J. Seksinsky, P.G., P.E.
Jianchao Li, P.E.

GEOTECHNICAL ENGINEERING CONSULTANTS

Project No. G18-166
June 29, 2018

Mr. Michael Brookshier
Vice President of Development
Keystone Property Group
125 E. Elm Street, Suite 400
Conshohocken, PA 19428

Re: Infiltration Testing Report
Sora West Development
Fayette Street & W. 1st Avenue, Conshohocken, PA

Dear Michael:

GeoStructures, Inc. is pleased to submit this infiltration testing report for the above referenced project. The report presents our subsurface site characterization, infiltration test results, and geotechnical-related conclusions and recommendations related to the proposed stormwater Best Management Practices (BMPs).

PROPOSED STORMWATER MANAGEMENT FACILITIES

The latest sketch plan provided to us depicts two areas *Area 1 and 2* as shown in the attached geotechnical investigation plan (Drawing 1). Area 1 is an area in the east along Fayette Street; and Area 2 is in the west side of the property near the intersection of Oak and West Elm Streets. The type of the proposed stormwater facilities and related design details are not provided but the basins are expected to be underground structures.

SOIL PROFILE CHARACTERIZATION

The geotechnical test borings (T-1 through T-5) conducted by GeoStructures at the locations shown in the attached Drawing 1 were utilized to characterize the subsurface conditions for the infiltration testing program (refer to the attached test boring logs). The strata were described according to material type, condition and relative moisture state and then checked for mottling or evidence of the seasonal high water table (SHWT) per the guidelines in PADEP stormwater manual.

The test borings encountered 3 to 5 ft of existing fill materials. The underlying residual materials are generally micaceous, sandy silt and transition to silty sand materials locally. There are no mottling and both groundwater and bedrock are also well below the test depths (deeper than 16 ft below existing grades based on the test boring information).

INFILTRATION TESTING

Infiltration testing was carried out in accordance with the guidelines of *Appendix C, Pennsylvania Stormwater Best Management Practices Manual* utilizing the cased borehole method. Infiltration tests were conducted in cased boreholes at offset augured holes near test boring locations T-1 through T-5 (tests T-1 through T-3 in Area 1 and tests T-4 and T-5 in Area 2). All the tests were conducted in the natural soils of sandy silt or in the silty sand materials at depths of about 3.5 ft to 12 ft below existing grades. Test boring and infiltration test locations are shown in Drawing 1. The *adjusted* infiltration rates after applying a reduction factor, range from 0.0 to 3.1 in./hr. for Area 1 (average rate 1.22 in./hr.) and 0.06 to 1.5 in./hr. in Area 2 (average 0.78 in./hr.). Detailed records of the field testing are presented in the attached infiltration test forms and Table 1.

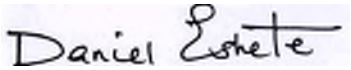
GEOTECHNICAL COMMENTARY & RECOMMENDATIONS

The measured rates are generally slow to marginal and the relatively slow rates at some of the locations is attributed due to density differences in the residual silt and clay materials as well as presence of platy, highly weathered rock fragments at the testing levels. The average adjusted infiltration rates are 1.22 in./hr. and 0.78 in./hr. for Area 1 and Area 2, respectively. There is no mottling, groundwater or bedrock within the limits of the test borings to depths of 12 to 16 ft below existing grades.

Based on the average adjusted infiltration rates, both areas meet the desired infiltration rates of 0.1 to 10 in./hr. per the Protocol 2 of the Pennsylvania stormwater BMP manual. As such, the tested areas are considered feasible for infiltration practices. Note that, for design purposes additional safety factors shall also be employed on to the adjusted infiltration rates. Recommended safety factor is 3 for fine grained soils per the code. During construction of these facilities GeoStructures should verify that the bottom soil conditions are consistent with the strata tested during this investigation.

Please call if you have any questions.

Sincerely,



Daniel W. Eshete, P.G.
Project Engineer

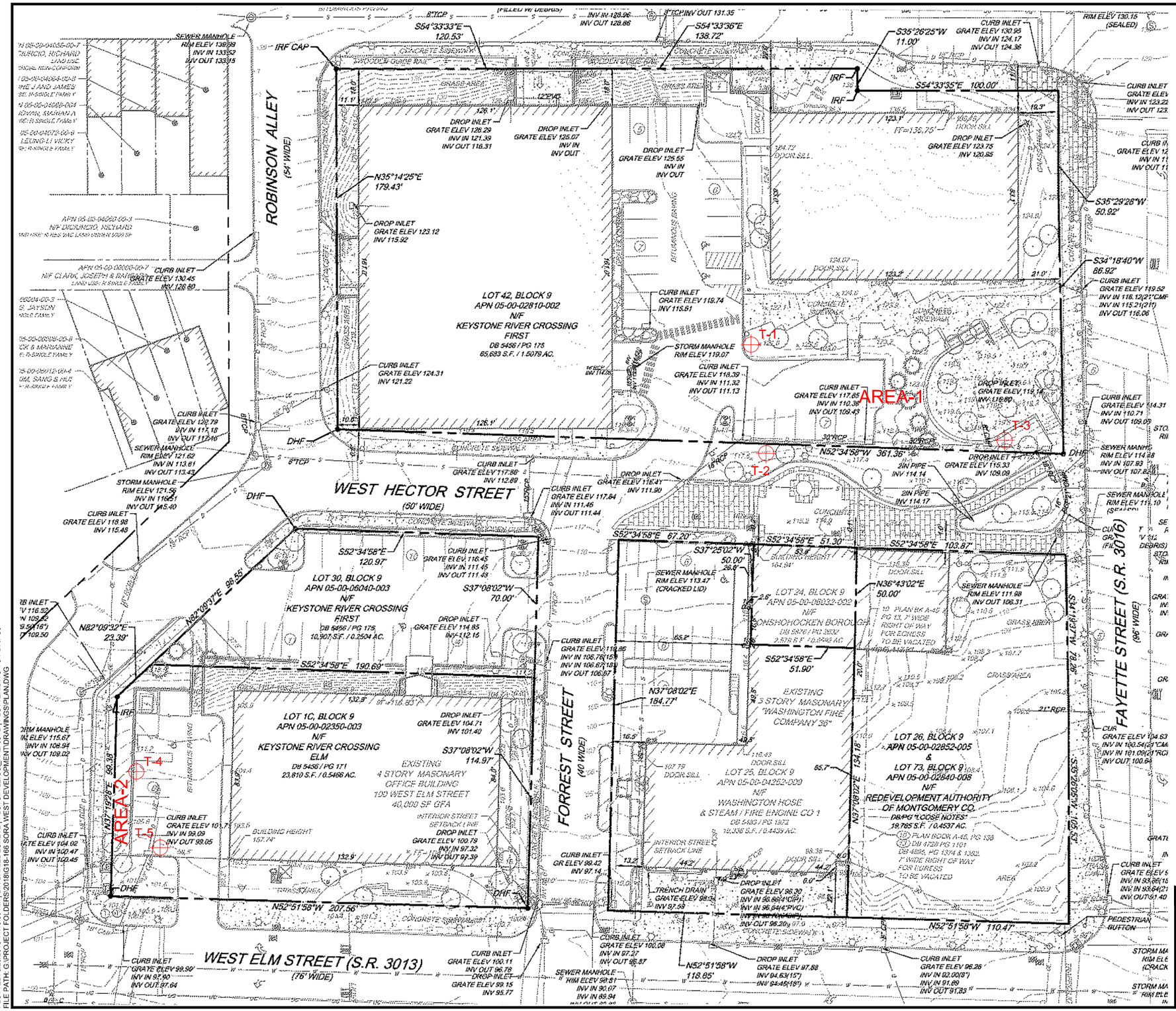
Table 1. Summary of Stormwater Infiltration Testing Results

Sora West Development, Fayette Street & W. 1st Avenue, Conshohocken PA

Test Area	Test Location	Description of Tested Stratum	Test Depth (ft)	Test El. (ft)	Exist. Grade El. (ft)	SHWT El. (ft)	Limiting Zone	Field Rate (in/hr)	Adjusted Infiltr. Rate[1] (in/hr)	Average Rate[2] (in/hr)	Remarks
Area 1- East side	T-1	Medium dense, olive brown (2.5Y 5/4), silty sand (SM); damp, saprolitic.	12.00	109.80	121.80	-	None to El. 109.8'	2.40	0.56	1.22	No mottling or other limiting zones to the bottom of the test borings about 12 to 16 ft below existing grades; groundwater is about 51 ft below existing grades based on other nearby geotechnical borings.
	T-2	Medium, yellowish red (5YR 5/6) & brownish yellow (10YR 6/8), sandy silt (ML) with gravel, damp.	10.00	107.50	117.50	-	None to El. 101.5'.	0.00	0.00		
	T-3	Medium dense, brown (10YR 4/3), micaceous, silty sand (SM); damp.	8.00	109.40	117.40	-	None to El. 101.4'.	7.92	3.10		
Area 2- West side	T-4	Stiff, yellowish red (5YR 5/6), sandy silt (ML), moist. Trace gravel.	3.50	100.30	103.80	-	None to El. 91.8'.	5.28	1.50	0.78	
	T-5	Medium, dark gray (10YR 4/61) & yel. red (5YR 5/6), sandy silt (ML); damp, micaceous, soapy (Residual).	7.00	94.80	101.80	-	None to El. 87.8'.	0.24	0.06		

[1] Reduction factors were applied to the field measured infiltration rates for the cased borehole method. For design purposes additional safety factors shall be employed on to the adjusted infiltration rates. For percolation tests in finer soils, a minimum design safety factor of 3 is recommended per Protocol 2 of the Pennsylvania stormwater BMP manual.

[2] Average adjusted infiltration rate for each area.



LEGEND

⊕ TEST BORING/TEST (INFILTRATION)

50' 25' 0 50'

SCALE: 1" = 50'

NOTE: THIS PLAN IS BASED ON GROUND FLOOR PLAN PREPARED BY GENSLER, INC DATED 2/19/2018.

GeoStructures

GEOTECHNICAL INVESTIGATION PLAN

SORA WEST DEVELOPMENT
FAYETTE ST. & WEST 1ST AVE., CONSHOHOCKEN, PA

SCALE: 1" = 50'	DRAWN BY: CCM	DRAWING NUMBER
DATE: 6/29/18	CHECKED BY: DWE	1

PLOTTED: 6/29/2018 11:18:59 AM | BY: DANIEL ESHETE | PLOTSTYLE:GSI_HALF.CTB | PLOTTER:DWG TO PDF.PC3
FILE PATH: G:\PROJECT FOLDERS\2018\G18-166 SORA WEST DEVELOPMENT\DRAWINGS\PLAN.DWG

GeoStructures

PERCOLATION TEST REPORT

Project	**Sora West Development**	**Sheet No.**	1 of 5
Project Location	**West 1st Ave. & Fayette Street**	**Project No.**	G18-166
Municipality	**Conshohocken**	**Start Date**	6/26/2018
Weather Conditions	**75°F, Sunny**	**End Date**	6/26/2018

Percolation Hole No.		**T-1**		Remarks
Existing Surface Elevation (ft)		121.80		Existing surface elevations are estimated from an Existing Conditions Plan prepared by Pennoni Associates, Inc. dated 11/30/2015. Test depths were provided by Pennoni.
Bottom of Stormwater Basin Elevation (ft)		-		
Depth of Hole (ft)		12.00		
Test Bottom Elevation (ft)		109.80		
Drop in 1st half hour presoak (in)		1.20	Selected Time Interval: 30 mins	
Drop in 2nd half hour presoak (in)		1.56		
Start	Time	10:45:00 AM		Soils at test level: medium dense,
	Water Level (ft)	11.40		brownish and pale yellow, silty sand (SM)
1st Reading	Time	11:15:00 AM	2:17:00 PM	damp, saprolitic.
	Water Level (ft)	11.50	11.63	
	Drop (ft)	0.10	0.10	Refer Test Boring log T-1 for details of
	Refilled Water Level (ft)	11.5; 11:15:00 AM	11.63; 2:17:00 PM	subsurface information.
2nd Reading	Time	11:45:00 AM	2:47:00 PM	
	Water Level (ft)	11.63	11.68	
	Drop (ft)	0.13	0.05	
	Refilled Water Level (ft)	11.63; 11:45:00 AM	11.68; 2:47:00 PM	
3rd Reading	Time	12:15:00 PM	3:17:00 PM	
	Water Level (ft)	11.73	11.78	
	Drop (ft)	0.10	0.10	
	Refilled Water Level (ft)	11.73; 12:15:00 PM	11.78; 3:17:00 PM	
4th Reading	Time	12:45:00 PM	3:47:00 PM	
	Water Level (ft)	11.83	11.89	
	Drop (ft)	0.10	0.11	
	Refilled Water Level (ft)	11.83; 12:45:00 PM	11.89; 3:47:00 PM	
5th Reading	Time	1:15:00 PM	4:17:00 PM	
	Water Level (ft)	11.92	11.99	
	Drop (ft)	0.09	0.10	
	Refilled Water Level (ft)	11.4; 1:17:00 PM	11.30; 4:21:00 PM	
6th Reading	Time	1:47:00 PM	4:51:00 PM	
	Water Level (ft)	11.50	11.40	
	Drop (ft)	0.10	0.10	
	Refilled Water Level (ft)	11.5; 1:47:00 PM	END TEST	
Total Length of Test (HH:MM:SS)		4:06:00		**No mottling or other limiting zones to a depth of 16 ft (El. 109.8).**
Percolation Rate - Final Reading (min./in.)		**25.00**		
Field Measured Infiltration Rate		**2.4 in./hr.**		

Distribution

Field Engineer **Elizabeth Butler** Date 6/26/2018

Project Engineer **Daniel W. Eshete, PG** Date 6/26/2018

Ph. (610) 265-1818
Fx. (610) 265-1833
GeoStructures, Inc.
1000 West 9th Avenue, King of Prussia, PA 19406
www.geostructures.net

GeoStructures

PERCOLATION TEST REPORT

Project	**Sora West Development**	**Sheet No.**	2 of 5
Project Location	**West 1st Ave. & Fayette Street**	**Project No.**	G18-166
Municipality	**Conshohocken**	**Start Date**	6/26/2018
Weather Conditions	**75°F, Sunny**	**End Date**	6/26/2018

Percolation Hole No.		**T-2**		Remarks
Existing Surface Elevation (ft)		117.50		Existing surface elevations are estimated from an Existing Conditions Plan prepared by Pennoni Associates, Inc. dated 11/30/2015. Test depths were provided by Pennoni.
Bottom of Stormwater Basin Elevation (ft)		-		
Depth of Hole (ft)		10.00		
Test Bottom Elevation (ft)		107.50		
Drop in 1st half hour presoak (in)		0.00	Selected Time Interval: 30 mins	
Drop in 2nd half hour presoak (in)		0.00		
Start	Time	12:33:00 PM		Soils at test level: medium, yellowish red
	Water Level (ft)	9.35		sandy silt (ML); damp, few gravel.
1st Reading	Time	1:03:00 PM	3:33:00 PM	
	Water Level (ft)	9.35	9.37	
	Drop (ft)	0.00	0.01	Refer Test Boring log T-2 for details of
	Refilled Water Level (ft)	9.35; 1:03:00 PM	9.37; 3:33:00 PM	subsurface information.
2nd Reading	Time	1:33:00 PM	4:03:00 PM	
	Water Level (ft)	9.35	9.37	
	Drop (ft)	0.00	0.00	
	Refilled Water Level (ft)	9.35; 1:33:00 PM	9.37; 4:03:00 PM	
3rd Reading	Time	2:03:00 PM	4:33:00 PM	
	Water Level (ft)	9.35	9.37	
	Drop (ft)	0.00	0.00	
	Refilled Water Level (ft)	9.35; 2:03:00 PM	END TEST	
4th Reading	Time	2:33:00 PM		
	Water Level (ft)	9.35		
	Drop (ft)	0.00		
	Refilled Water Level (ft)	9.35; 2:33:00 PM		
5th Reading	Time	3:03:00 PM		
	Water Level (ft)	9.36		
	Drop (ft)	0.01		
	Refilled Water Level (ft)	9.36; 3:03:00 PM		
6th Reading	Time	3:33:00 PM		
	Water Level (ft)	9.37		
	Drop (ft)	0.01		
	Refilled Water Level (ft)	9.36; 3:03:00 PM		
Total Length of Test (HH:MM:SS)		4:00:00		**No mottling or other limiting zones to a depth of 16 ft (El. 101.5).**
Percolation Rate - Final Reading (min./in.)		**0.00**		
Field Measured Infiltration Rate		**0.00 in./hr.**		

Distribution

Field Engineer **Elizabeth Butler** Date 6/26/2018

Project Engineer **Daniel W. Eshete, PG** Date 6/26/2018

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1000 West 9th Avenue, King of Prussia, PA 19406
www.geostructures.net

GeoStructures

PERCOLATION TEST REPORT

Project	**Sora West Development**	**Sheet No.**	3 of 5
Project Location	**West 1st Ave. & Fayette Street**	**Project No.**	G18-166
Municipality	**Conshohocken**	**Start Date**	6/26/2018
Weather Conditions	**75°F, Sunny**	**End Date**	6/26/2018

Percolation Hole No.		**T-3**		Remarks
Existing Surface Elevation (ft)		117.40		Existing surface elevations are estimated from an Existing Conditions Plan prepared by Pennoni Associates, Inc. dated 11/30/2015. Test depths were provided by Pennoni.
Bottom of Stormwater Basin Elevation (ft)		-		
Depth of Hole (ft)		8.00		
Test Bottom Elevation (ft)		109.40		
Drop in 1st half hour presoak (in)		10.08	Selected Time Interval: 30 mins	
Drop in 2nd half hour presoak (in)		9.12		
Start	Time	3:27:00 PM		Soils at test level: Medium dense, brown
	Water Level (ft)	9.20		(10YR 4/3), micaceous, silty sand (SM);
1st Reading	Time	3:57:00 PM	7:17:00 PM	damp.
	Water Level (ft)	10.04	9.73	
	Drop (ft)	0.84	0.66	Refer Test Boring log T-3 for details of
	Refilled Water Level (ft)	9.2; 4:01:00 PM	END TEST	subsurface information.
2nd Reading	Time	4:31:00 PM		
	Water Level (ft)	9.96		
	Drop (ft)	0.76		
	Refilled Water Level (ft)	9.2; 4:35:00 PM		
3rd Reading	Time	5:05:00 PM		
	Water Level (ft)	9.93		
	Drop (ft)	0.73		
	Refilled Water Level (ft)	9.25; 5:07:00 PM		
4th Reading	Time	5:37:00 PM		
	Water Level (ft)	9.91		
	Drop (ft)	0.66		
	Refilled Water Level (ft)	9.2; 5:40:00 PM		
5th Reading	Time	6:10:00 PM		
	Water Level (ft)	9.88		
	Drop (ft)	0.68		
	Refilled Water Level (ft)	9.2; 6:14:00 PM		
6th Reading	Time	6:44:00 PM		
	Water Level (ft)	9.88		
	Drop (ft)	0.68		
	Refilled Water Level (ft)	9.07; 6:47:00 PM	END TEST	
Total Length of Test (HH:MM:SS)		3:50:00		**No mottling or other limiting zones to a depth of 16 ft (El. 101.4).**
Percolation Rate - Final Reading (min./in.)		**3.79**		
Field Measured Infiltration Rate		**15.84 in./hr.**		

Distribution

Field Engineer **Elizabeth Butler** Date 6/26/2018

Project Engineer **Daniel W. Eshete, PG** Date 6/26/2018

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GeoStructures

PERCOLATION TEST REPORT

Project	**Sora West Development**	**Sheet No.**	4 of 5
Project Location	**West 1st Ave. & Fayette Street**	**Project No.**	G18-166
Municipality	**Conshohocken**	**Start Date**	6/27/2018
Weather Conditions	**70°F, Cloudy**	**End Date**	6/27/2018

Percolation Hole No.		**T-4**		Remarks
Existing Surface Elevation (ft)		103.80		Existing surface elevations are estimated from an Existing Conditions Plan prepared by Pennoni Associates, Inc. dated 11/30/2015. Test depths were provided by Pennoni.
Bottom of Stormwater Basin Elevation (ft)		-		
Depth of Hole (ft)		3.50		
Test Bottom Elevation (ft)		100.30		
Drop in 1st half hour presoak (in)		3.36	Selected Time Interval: 30 mins	
Drop in 2nd half hour presoak (in)		3.72		
Start	Time	11:37:00 AM		Soils at test level: Stiff, reddish and pale
	Water Level (ft)	3.21		yellow, sandy silt (ML); damp, some gravel.
1st Reading	Time	12:07:00 PM	3:23:00 PM	
	Water Level (ft)	3.49	3.45	
	Drop (ft)	0.28	0.23	Refer Test Boring log T-4 for details of
	Refilled Water Level (ft)	3.21; 12:09:00 PM	3.23; 3:28:00 PM	subsurface information.
2nd Reading	Time	12:39:00 PM	4:08:00 PM	
	Water Level (ft)	3.52	3.47	
	Drop (ft)	0.31	0.24	
	Refilled Water Level (ft)	3.23; 12:42:00 PM	3.23; 4:15:00 PM	
3rd Reading	Time	1:12:00 PM	4:45:00 PM	
	Water Level (ft)	3.46	3.45	
	Drop (ft)	0.23	0.22	
	Refilled Water Level (ft)	3.22; 1:15:00 PM	END TEST	
4th Reading	Time	1:45:00 PM		
	Water Level (ft)	3.45		
	Drop (ft)	0.23		
	Refilled Water Level (ft)	3.00; 1:47:00 PM		
5th Reading	Time	2:17:00 PM		
	Water Level (ft)	3.38		
	Drop (ft)	0.38		
	Refilled Water Level (ft)	3.20; 2:19:00 PM		
6th Reading	Time	2:49:00 PM		
	Water Level (ft)	3.43		
	Drop (ft)	0.23		
	Refilled Water Level (ft)	3.22; 2:53:00 PM		
Total Length of Test (HH:MM:SS)		5:08:00		**No mottling or other limiting zones to a depth of 12 ft (El. 91.8).**
Percolation Rate - Final Reading (min./in.)		**11.36**		
Field Measured Infiltration Rate		**5.28 in./hr.**		

Distribution

Field Engineer **Elizabeth Butler** Date 6/27/2018

Project Engineer **Daniel W. Eshete, PG** Date 6/27/2018

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GeoStructures

PERCOLATION TEST REPORT

Project	**Sora West Development**	**Sheet No.**	5 of 5
Project Location	**West 1st Ave. & Fayette Street**	**Project No.**	G18-166
Municipality	**Conshohocken**	**Start Date**	6/27/2018
Weather Conditions	**75°F, Sunny**	**End Date**	6/27/2018

Percolation Hole No.		**T-5**		Remarks
Existing Surface Elevation (ft)		101.80		Existing surface elevations are estimated from an Existing Conditions Plan prepared by Pennoni Associates, Inc. dated 11/30/2015. Test depths were provided by Pennoni.
Bottom of Stormwater Basin Elevation (ft)		-		
Depth of Hole (ft)		7.00		
Test Bottom Elevation (ft)		94.80		
Drop in 1st half hour presoak (in)		1.20	Selected Time Interval: 30 mins	
Drop in 2nd half hour presoak (in)		1.20		
Start	Time	11:30:00 AM		Soils at test level: medium dense,
	Water Level (ft)	6.60		brownish and pale yellow, silty sand (SM)
1st Reading	Time	12:00:00 PM	3:00:00 PM	damp, saprolitic.
	Water Level (ft)	6.61	6.69	
	Drop (ft)	0.01	0.01	Refer Test Boring log T-5 for details of
	Refilled Water Level (ft)	6.61; 12:00:00 PM	END TEST	subsurface information.
2nd Reading	Time	12:30:00 PM		
	Water Level (ft)	6.62		
	Drop (ft)	0.01		
	Refilled Water Level (ft)	6.62; 12:30:00 PM		
3rd Reading	Time	1:00:00 PM		
	Water Level (ft)	6.64		
	Drop (ft)	0.02		
	Refilled Water Level (ft)	6.64; 1:00:00 PM		
4th Reading	Time	1:30:00 PM		
	Water Level (ft)	6.65		
	Drop (ft)	0.01		
	Refilled Water Level (ft)	6.65; 1:30:00 PM		
5th Reading	Time	2:00:00 PM		
	Water Level (ft)	6.67		
	Drop (ft)	0.02		
	Refilled Water Level (ft)	6.67; 2:00:00 PM		
6th Reading	Time	2:30:00 PM		
	Water Level (ft)	6.68		
	Drop (ft)	0.01		
	Refilled Water Level (ft)	6.68; 2:30:00 PM	END TEST	
Total Length of Test (HH:MM:SS)		3:30:00		**No mottling or other limiting zones to a depth of 14 ft (El. 87.8).**
Percolation Rate - Final Reading (min./in.)		**250.00**		
Field Measured Infiltration Rate		**0.24 in./hr.**		

Distribution

Field Engineer **Elizabeth Butler** Date 6/27/2018

Project Engineer **Daniel W. Eshete, PG** Date 6/27/2018

Ph. (610) 265-1818
Fx. (610) 265-1833
GeoStructures, Inc.
1000 West 9th Avenue, King of Prussia, PA 19406
www.geostructures.net

GeoStructures

TEST BORING LOG

Test Boring: T-1
Sheet: 1 of 1
Elevation (ft): 121.80

Project Name: Sora West Development | Project No: G18-166 | Date: 06/26/18 - 06/26/18

Location: Fayette St., & W. 1st Ave., Conshohocken | Twp.: | County: Montgomery | State: PA

Driller/Company:Josh/GeoStructures, Inc. | Rig Type: CME-55 Truck Rig, Automatic Safety Hammer.

Drilling Methods:3-1/4" I.D. Hollow Stem Auger. | Logged By: EB

Water Depth : | Water Depth : | Checked By: DWE

Elevation (ft)	Depth (ft)	Sample Type	Sample No.	Sample Interval (ft)	SPT Blows or RQD (ft/%)	SPT N_{60}	Recovery (ft/%)	W_C (%)	LL/PL (%)	USCS/AASHTO	Strength (tsf)	Symbol	Material Description	Strata Div.(ft)	Remarks
													Mulch layer.	0.5	
120	2		S-1	0.0-2.0	2-4-5-6	11	1.5/75						Stiff, yellowish brown (10YR 5/4), sandy silt with gravel (FILL).		
	4		S-2	2.0-4.0	8-7-11-10	23	1.8/90								
	6		S-3	4.0-6.0	5-7-7-6	18	1.2/60							5.0	
115	8		S-4	6.0-8.0	5-4-5-7	11	0.2/10						Medium dense, brownish yellow (10YR 6/6), and pale yellow (5Y 7/4), silty sand (SM); damp.		
	10		S-5	8.0-10.0	4-4-7-8	14	0.6/30								Yellowish brown (10YR 5/8).
	12		S-6	10.0-12.0	4-4-4-5	10	1.8/90							11.0	
110	14		S-7	12.0-14.0	4-5-4-5	11	2.0/100						Same as above except light olive brown (2.5Y 5/4) and saprolitic.		
	16		S-8	14.0-16.0	5-7-10-9	22	1.0/50								
													Bottom of borehole at 16.0'.	16.0	Dry at bottom during drilling.

SAMPLE LEGEND

- SPT Sample
- Rock Core
- Bulk Sample
- Shelby Tube

GENERAL NOTES

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GeoStructures

TEST BORING LOG

Test Boring: T-2
Sheet: 1 of 1
Elevation (ft): 117.50

Project Name: Sora West Development | Project No: G18-166 | Date: 06/26/18 - 06/26/18

Location: Fayette St., & W. 1st Ave., Conshohocken | Twp.: | County: Montgomery | State: PA

Driller/Company:Josh/GeoStructures, Inc. | Rig Type: CME-55 Truck Rig, Automatic Safety Hammer.

Drilling Methods:3-1/4" I.D. Hollow Stem Auger. | Logged By: EB

Water Depth : | Water Depth : | Checked By: DWE

Elevation (ft)	Depth (ft)	Sample Type	Sample No.	Sample Interval (ft)	SPT Blows or RQD (ft/%)	SPT N_{60}	Recovery (ft/%)	W_C (%)	LL/PL (%)	USCS/AASHTO	Strength (tsf)	Symbol	Material Description	Strata Div.(ft)	Remarks
													Topsoil.	0.2	
			S-1	0.0-2.0	6-4-4-50	10	0.8/40						Medium, reddish yellow (7.5YR 6/6), sandy silt (ML) with gravel, damp (FILL).		
115	2		S-2	2.0-4.0	3-4-3-4	9	1.5/75							3.0	Hard augering in concrete at 1.5' (4"-6" thick).
	4		S-3	4.0-6.0	2-3-3-2	7	12.0/600						Medium, yellowish red (5YR 5/6), lean clay (CL), damp.	6.0	
110	6		S-4	6.0-8.0	3-4-4-4	10	1.8/90						Medium, yellowish red (5YR 5/6) & brownish yellow (10YR 6/8), sandy silt (ML) with gravel, damp.		
	8		S-5	8.0-10.0	3-4-3-4	9	2.0/100								
	10		S-6	10.0-12.0	3-3-4-5	9	1.9/95								
105	12		S-7	12.0-14.0	3-3-6-12	11	1.8/90								
	14		S-8	14.0-16.0	8-8-5-8	17	0.3/15								Gravel in tip.
	16												Bottom of borehole at 16.0'.	16.0	Dry at bottom during drilling.

SAMPLE LEGEND

- SPT Sample
- Rock Core
- Bulk Sample
- Shelby Tube

GENERAL NOTES

Project Name: Sora West Development | Project Number: G18-166 | Path: g:\field\gint program & project data\projects\g2018\g18-166 sora west.gpj | Date and Time: 06/29/18 15:33.

GeoStructures

TEST BORING LOG

Test Boring: T-3
Sheet: 1 of 1
Elevation (ft): 117.40

Project Name: Sora West Development | Project No: G18-166 | Date: 06/26/18 - 06/26/18

Location: Fayette St., & W. 1st Ave., Conshohocken | Twp.: | County: Montgomery | State: PA

Driller/Company:Josh/GeoStructures, Inc. | Rig Type: CME-55 Truck Rig, Automatic Safety Hammer.

Drilling Methods:3-1/4" I.D. Hollow Stem Auger. | Logged By: EB

Water Depth : | Water Depth : | Checked By: DWE

Elevation (ft)	Depth (ft)	Sample Type	Sample No.	Sample Interval (ft)	SPT Blows or RQD (ft/%)	SPT N_{60}	Recovery (ft/%)	W_C (%)	LL/PL (%)	USCS/AASHTO	Strength (tsf)	Symbol	Material Description	Strata Div.(ft)	Remarks
115	2		S-1	0.0-2.0	3-5-6-5	14	0.7/35					FILL	Medium dense, brown (10YR 5/3), silty gravel (GM); damp (FILL).		
	4		S-2	2.0-4.0	5-5-4-5	11	1.2/60							3.2	
	6		S-3	4.0-6.0	5-3-3-4	7							Medium, brown (10YR 4/3), and reddish yellow (7.5 YR 6/6) micaceous, sandy silt (ML); damp, saprolitic (soapy).		
110	8		S-4	6.0-8.0	4-5-4-5	11	1.5/75								
	10		S-5	8.0-10.0	3-4-4-5	10	1.0/50						Medium dense, brown (10YR 4/3), micaceous, silty sand (SM); damp.	8.5	
	12		S-6	10.0-12.0	4-4-4-5	10	1.8/90								
105	14		S-7	12.0-14.0	4-5-6-7	14	1.5/75								
	16		S-8	14.0-16.0	4-5-6-6	14	1.5/75							16.0	Dry at bottom during drilling.
													Bottom of borehole at 16.0'.		

SAMPLE LEGEND

- SPT Sample
- Rock Core
- Bulk Sample
- Shelby Tube

GENERAL NOTES

Project Name: Sora West Development | Project Number: G18-166 | Path: g:\field\gint program & project data\projects\g2018\g18-166 sora west.gpj | Date and Time: 06/29/18 15:33.

GeoStructures

TEST BORING LOG

Test Boring: T-4
Sheet: 1 of 1
Elevation (ft): 103.80

Project Name: Sora West Development | Project No: G18-166 | Date: 06/27/18 - 06/27/18

Location: Fayette St., & W. 1st Ave., Conshohocken | Twp.: | County: Montgomery | State: PA

Driller/Company:Josh/GeoStructures, Inc. | Rig Type: CME-55 Truck Rig, Automatic Safety Hammer.

Drilling Methods:3-1/4" I.D. Hollow Stem Auger. | Logged By: EB

Water Depth : | Water Depth : | Checked By: DWE

Elevation (ft)	Depth (ft)	Sample Type	Sample No.	Sample Interval (ft)	SPT Blows or RQD (ft/%)	SPT N_{60}	Recovery (ft/%)	W_C (%)	LL/PL (%)	USCS/AASHTO	Strength (tsf)	Symbol	Material Description	Strata Div.(ft)	Remarks
													Ashphalt.	0.2	
	2		S-1	0.5-2.0	5-6-8	18	0.4/27						Stiff, yellowish red (5YR 5/6), sandy silt (ML), moist. Trace gravel.		
			S-2	2.0-4.0	5-6-7-10	17	0.8/40								
100	4		S-3	4.0-6.0	5-7-7-9	18	1.6/80						Stiff, reddish yellow (5YR 6/8), and pale yellow (2.5YR 7/3), damp. Sandy silt (ML) with some gravel, soapy.	4.0	
	6		S-4	6.0-8.0	8-7-8-8	19	1.2/60								
	8		S-5	8.0-10.0	5-7-9-10	21	1.6/80								
95	10		S-6	10.0-12.0	10-14-13-17	35	1.8/90								
	12												Bottom of borehole at 12.0'.	12.0	Dry at bottom during drilling.

SAMPLE LEGEND

- SPT Sample
- Rock Core
- Bulk Sample
- Shelby Tube

GENERAL NOTES

Project Name: Sora West Development | Project Number: G18-166 | Path: g:\field\gint program & project data\projects\g2018\g18-166 sora west.gpj | Date and Time: 06/29/18 15:33.

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TEST BORING LOG

Test Boring: T-5
Sheet: 1 of 1
Elevation (ft): 101.80

Project Name: Sora West Development | Project No: G18-166 | Date: 06/26/18 - 06/26/18

Location: Fayette St., & W. 1st Ave., Conshohocken | Twp.: | County: Montgomery | State: PA

Driller/Company:Josh/GeoStructures, Inc. | Rig Type: CME-55 Truck Rig, Automatic Safety Hammer.

Drilling Methods:3-1/4" I.D. Hollow Stem Auger. | Logged By: DWE

Water Depth : | Water Depth : | Checked By: DWE

Elevation (ft)	Depth (ft)	Sample Type	Sample No.	Sample Interval (ft)	SPT Blows or RQD (ft/%)	SPT N_{60}	Recovery (ft/%)	W_C (%)	LL/PL (%)	USCS/AASHTO	Strength (tsf)	Symbol	Material Description	Strata Div.(ft)	Remarks
													3" ashphalt.	0.2	
													4" stone.	0.6	
100	2		S-1	0.5-2.0	4-3-4	9	1.0/67						Medium, yellowish red (5YR 5/6) and black (5YR 2.5/1), sandy silt (ML); damp, has cinder, coal, rock fragments (FILL).		
			S-2	2.0-4.0	2-2-2-1	5	1.2/60							3.6	
	4		S-3	4.0-6.0	3-3-4-4	9	2.0/100						Medium, dark gray (10YR 4/61 and yellowish red (5YR 5/6), sandy silt (ML); damp, micaceous, soapy (Residual).		
95	6		S-4	6.0-8.0	2-3-4-5	9	2.0/100								
	8		S-5	8.0-10.0	3-4-4-6	10	2.0/100						Same as above except olive (5Y 5/3) and completely weathered.	8.5	
	10		S-6	10.0-12.0	3-3-3-4	7	2.0/100								
90	12		S-7	12.0-14.0	3-4-4-6	10									
	14												Bottom of borehole at 14.0'.	14.0	Dry at bottom during drilling.

SAMPLE LEGEND

- SPT Sample
- Rock Core
- Bulk Sample
- Shelby Tube

GENERAL NOTES

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Est. 1989
TRAFFIC PLANNING AND DESIGN, INC.
WWW.TRAFFICPD.COM

November 29, 2018

Mr. Michael Brookshier
Keystone Property Group
125 E. Elm Street, Suite 400
Conshohocken PA 19428

RE: Transportation Demand Management (TDM) Plan
Proposed SORA West Development
Conshohocken Borough, Montgomery County, PA
TPD No. KPG.00003

Dear Mr. Brookshier:

Traffic Planning and Design, Inc. (TPD) has completed a Transportation Demand Management (TDM) plan for the proposed development, "SORA West" in the Borough of Conshohocken, Montgomery County, Pennsylvania. As shown in **Figure 1**, the proposed development is located on Fayette Street between West Elm Street, Robinson Alley and West First Avenue.

Based on the plans prepared by Pennoni Associates, Inc. and floor area calculated by Gensler, the proposed development, will consist of the following uses:

- 149 room Hotel with ancillary restaurant use
- 451,573 square feet (s.f.) of office
- 2,742 s.f. of retail space
- 6,000 s.f. restaurant

The purpose of this letter is to outline TDM strategies to further mitigate potential traffic and parking impacts of the proposed redevelopment. The following general TDM Statement is provided to satisfy the Borough requirements.

TRANSPORTATION DEMAND MANAGEMENT (TDM)

Overview

As provided for in the proposed SP-4 text amendment, to further mitigate potential impacts of the proposed redevelopment, a key component of the SORA West project would be the implementation of a comprehensive and state of the art TDM program.

The TDM program would be implemented with first occupancy of the development. A target goal for non-auto

mode share is 15 percent under all future conditions.

TDM Statement

In an effort to decrease reliance on the personal automobile and encourage the use of transit, ridesharing, bicycling, and walking, the Applicant will implement a Transportation Demand Management (TDM) Program. TDM is a general term for strategies that result in more efficient use of transportation resources. There are many different TDM strategies with a variety of impacts. Some improve the transportation options available to consumers, while others provide an incentive to choose more efficient travel patterns. Some reduce the need for physical travel through mobility substitutes or more efficient land use. TDM strategies can change travel timing, route, destination, or mode.

These strategies will be tailored to each building or group of buildings within the SORA West development.

The TDM program will include initial core strategies what will be implemented prior to first occupancy of the development:

Office Use

A. Designate a Transportation Management Coordinator (TMC) and/or an Employee Transportation Coordinator (ETC) for each building of the development. The TMC and/or the ETC would implement the TDM program and advise tenants, and employees of the availability and location of the TDM coordinator and program. The position will be part of other duties assigned to the individual. Duties of the TMC and/or the ETC would include the following:

1. Assist tenants in making effective and efficient commuting choices.
2. Disseminate regional rail, bus, ridesharing, bicycle route maps, trail maps, Uber/Lyft information, and other relevant transit options to new tenants.
3. Provide on-site assistance to tenants in forming and maintaining carpools and vanpools.
4. Disseminate park-and-ride lot information to prospective carpoolers and vanpoolers.
5. Encourage tenants to ride bikes or walk to work.
6. Market and promote the TDM Program among tenants through printed materials and web sites (if available).
7. Direct coordination with Greater Valley Forge TMA (GVFTMA) to enlist support, as needed.

B. Commuter Center

1. Designate a centralized space on-site (within the office building in a visible location on the ground floor) as a Commuter Center where TMC/ETC functions would take place. The location of the commuter center will be shown on the Tenant Improvement Permit drawings.
2. Non-office buildings will provide a location for commuter services readily accessible to staff.
3. Install display racks and/or an electronic display that would provide information on the various aspects of the TDM Program.
4. Install an electronic display that would provide real-time transit information.
5. Sell transit fare media, such as SEPTA bus and rail passes.
6. Allow tenants to purchase transit fare media.
7. Install signage with trail maps.
8. Install bike storage. Location is provided on the Land Development Plans.

C. Incentives to use transit or alternatives to automobiles, including:

1. Provide information on SEPTA transit options, trail access, and other public transportation facilities, services, routes, schedules, and fares.
2. Encourage tenants and employers to include facilities like showers in building programming.
3. Provide safe, convenient, comfortable, and attractive pedestrian connections to Conshohocken SEPTA Station and bus stops adjacent to the site.
4. Provide dedicated on-street ride hailing (Uber, Lyft, etc.) locations on Fayette Street and along the Forrest Street drop-off/pickup loop.
5. Offer a pre-tax deduction of transit fares.
6. Offer flexible work schedules.
7. Offer work from home options.

D. Carpool/Vanpool programs, including:

1. Provide preferred parking to carpool/vanpool participants. Ten (10) spaces will be located near the office building or under the office building. The number of spaces will be flexible based on demand, as needed. The location of these spaces are provided on the Final Land Development Plans.

E. Pedestrian and Bicycle Programming and Support, including:

1. Provide bicycle storage.
2. Provide safe pedestrian trails on-site with adequate facilities for rest and comfort.
3. Make signage and trail mapping readily available both on the ground and as digital resources.
4. Encourage the provision of showers or other facilities for commuters utilizing bicycle or pedestrian options.
5. Provide two on-site car-sharing vehicle(s) for use in case of emergencies. The number of spaces will be flexible based demand, as needed. The location of the spaces are provided on the Land Development Plans.

Hotel Use

1. Assist employees in making effective and efficient commuting choices.
2. Disseminate regional rail, bus, ridesharing, bicycle route maps, trail maps, Uber/Lyft information, and other relevant transit options among guests through printed materials and web sites (if available).
3. Encourage employees to use alternative modes of transportation to/from work.
4. The Hotel building will provide information for commuter services readily accessible to staff.
5. Direct coordination with Greater Valley Forge TMA (GVFTMA) to enlist support, as needed.

Restaurant Use

1. Assist employees in making effective and efficient commuting choices.
2. Disseminate regional rail, bus, ridesharing, bicycle route maps, trail maps, Uber/Lyft information, and other relevant transit options among staff through printed materials and web sites (if available).
3. Encourage employees to use alternative modes of transportation to/from work.
4. Direct coordination with Greater Valley Forge TMA (GVFTMA) to enlist support, as needed.

Tools of the TDM program are considered flexible and can utilize different strategies based on the clientele. As such, the following strategies may be implemented in order to reach the desired goals.

F. Additional Strategies

1. Provide personalized assistance and ride-matching services for carpool/vanpool programs among tenants through the Commuter Center and TMC.
2. Assist groups of tenants in leasing a van from a vanpool vendor.
3. Offer a pre-tax deduction for vanpool fares.
4. Additional incentives to encourage and engage employees to utilize alternative transportation means.

G. Revisions to the TDM Plan

The TDM plan is designed to be flexible and responsive to future evaluations in prescribing the TDM strategies. The combination of size, scale of buildings, mixed-uses, and transportation infrastructure requires that the TDM plan has flexibility to respond to the various challenges posed by changes in tenant mix, supply of parking, transit system capacity, transit fares, construction staging and traffic, fuel prices, regional transportation policies and projects, changes in travel behavior, telework and flexible work hours, and changes in surrounding developments.

H. Funding

1. The TDM program elements listed previously will be funded and implemented by the applicant, in coordination with Conshohocken Borough.

I. Monitoring

1. The applicant will fund and prepare monitoring studies to evaluate the elements of the TDM program. The monitoring study will be prepared bi-annually (every two (2) years) for a maximum of six (6) years if trip/parking reduction goals are met, and will include, but not limited to: vehicular traffic counts at the site driveways on a typical weekday during the AM and PM peak hours, on-site parking counts during a typical weekday, and employee surveys. If goals are not met, the monitoring studies will continue until the trip/parking reduction goals are met for two consecutive monitoring periods.

2. The results of the monitoring study will be compared to the standard trip generation rates contained in the Trip Generation Manual, Ninth Edition, published by the Institute of Transportation Engineers (ITE) and to the parking count indicated on the August 2018 Land Development Plans, for the development to determine if the target goal of a 15 percent trip/parking reduction is met.

3. In the event the traffic/parking counts and surveys reveal that the 15 percent peak hour trip reduction has been met, then the applicant shall continue to implement the TDM strategies in place and no adjustments to the program are required.

4. If the traffic/parking counts and surveys reveal that the 15 percent reduction is not met, the applicant shall be responsible to design and implement a strategy that is intended to bring baseline peak hour trip reductions to the target percentage. The applicant shall submit any revisions to the TDM Plan to Conshohocken Borough for review and approval within a period acceptable to the Borough.

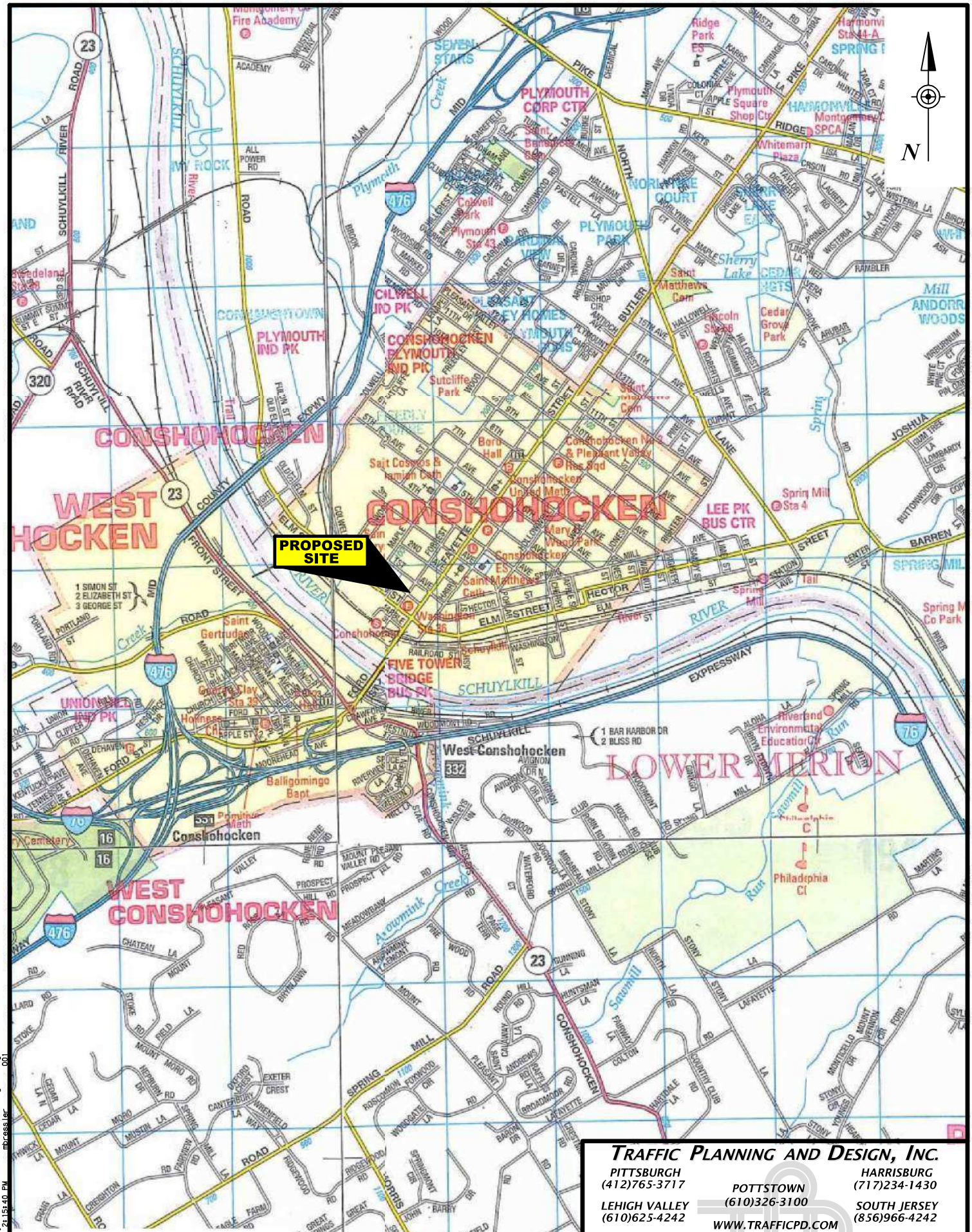
If you have any additional comments or questions please feel free to contact us.

Sincerely,
TRAFFIC PLANNING AND DESIGN, INC.

Matthew Hammond, PE
Executive Vice President

Peter Spisszak, AICP
Senior Project Manager

Attachments: Figures 1 – Location of "SORA West"
Figure 2 – Site Plan prepared by Pennoni Associates



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Scale 1"=2000'

TRAFFIC PLANNING AND DESIGN, INC.

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FIGURE 1

PROPOSED STUDY AREA

c:\pwworking\projectwise\mbrassler\d0102678\Figures.dgn
5/1/2015 2:15:40 PM mbrassler 001

J:\0-Planning\KPG\00003 (Conshohocken TOD)\Excel\KPG.003 Vol Dev 2018.08.XX\2018-08-XX, Figures.dgn
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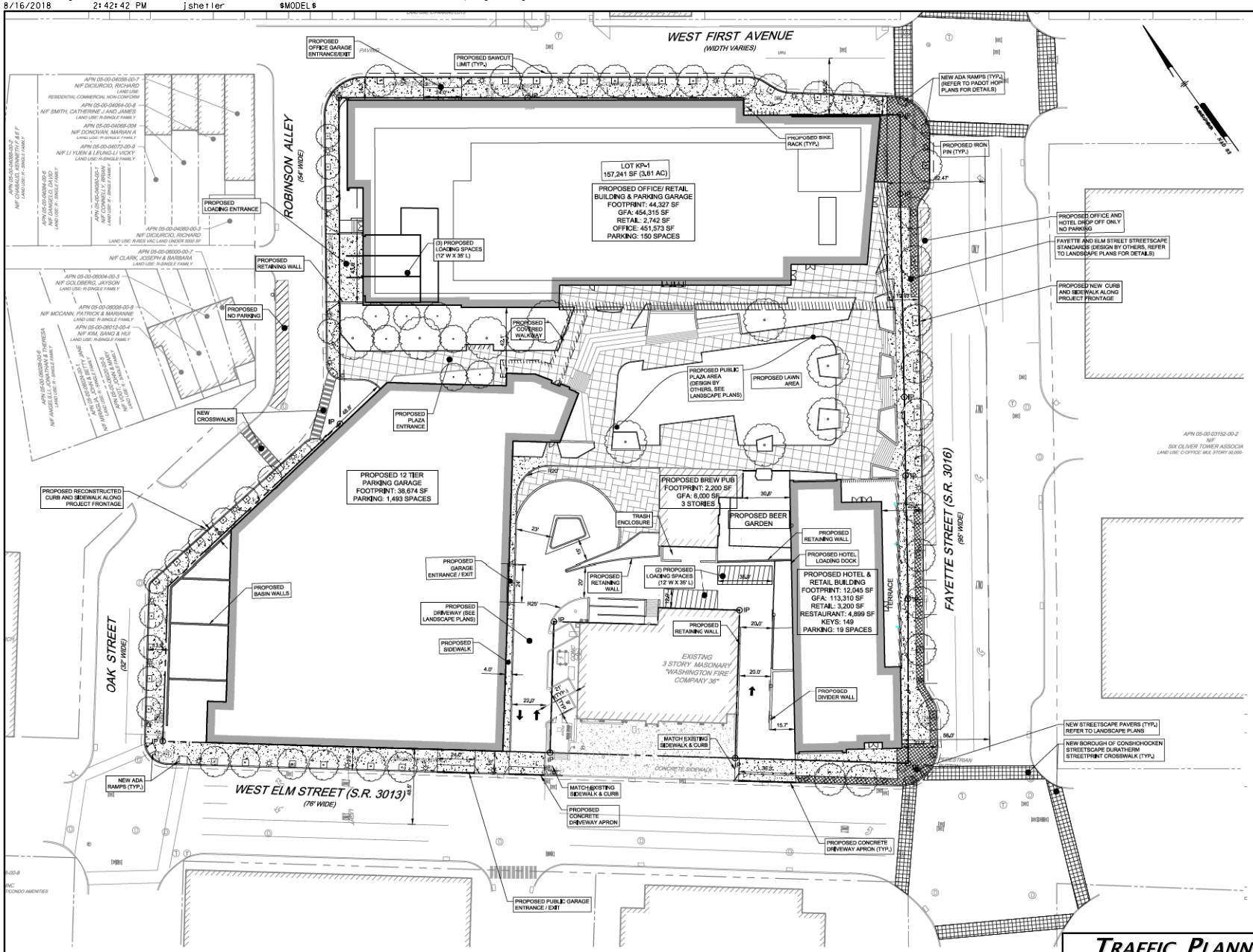

KEY:
SCHEMATIC DRAWING:NOT TO SCALE

TRAFFIC PLANNING AND DESIGN, INC.
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POTTSTOWN (610)326-3100
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HARRISBURG (717)234-1430
SOUTH JERSEY (856)966-4242

FIGURE 2

PROPOSED SITE PLAN

Fox Rothschild LLP
ATTORNEYS AT LAW

Stone Manor Corporate Ctr.
2700 Kelly Road Suite 300
Warrington, PA 18976
Tel (215) 345-7500 Fax (215) 345-7507
www.foxrothschild.com

ROBERT W. GUNDLACH, JR.
Direct No: 215.918.3636
Email: RGundlach@FoxRothschild.com

September 4, 2020

VIA EMAIL & HAND DELIVERY
Stephanie Cecco, Borough Manager
Conshohocken Borough
400 Fayette Street, Suite 200
Conshohocken, PA 19428

Re: SORA West – Submission for Amended Preliminary/Final Land Development Approval

Dear Stephanie,

I am writing to request amended preliminary/final land development approval for this project.

By way of background, Keystone Property Group ("Keystone") obtained preliminary/final land development approval from Borough Council, by Resolution No. 27 of 2018, adopted and approved as of October 17, 2018 (the "Original Approval"), to construct a unified development on the property located at Fayette and West Elm Street, consisting of six tax parcels, being parcel nos. 05-00-02810-002, 05-00-06040-003, 05-00-02350-003, 05-00-06032-002, 05-00-02852-005 and 05-00-02840-008 (collectively, the "Property"). The approved project consisted of (a) an office building with first floor retail space and 150 parking spaces below the building, (b) a hotel building with ground level retail, rooftop restaurant and 19 below grade valet parking spaces; (c) a 1,505 space parking garage; (d) a brew pub restaurant with an outdoor beer garden; (e) a public plaza; and (f) accessory site improvements, including curb, sidewalk, paving, lighting, landscaping, and stormwater management (collectively, the "Original Project").

The Original Project included approval to construct an 8-story hotel containing a 12,045 sf footprint, 113,310 sf of gross floor area, 2,742 sf of retail space, 4,889 sf of restaurant space, 149 hotel rooms, meeting space, 19 below grade valet parking spaces and the right to use 93 parking spaces in the parking garage; all as reflected on the Record Plan, recorded in Plan Book 0049, Page 00432.

By letter dated April 5, 2019, Keystone requested amended preliminary/final land development approval for the following plan modifications:

1. As to the hotel:
    a. Rooms increased from 149 to 165.
    b. Below grade valet parking increased from 19 to 29 valet spaces.
    c. Modifications to meeting room space.
    d. The number of stories was increased from 8 stories to 10 stories.
    e. The restaurant space was increased from 4,889 sf to 5,091 sf.
    f. The footprint increased from 12,045 sf to 13,554 sf.
    g. The gross floor area increased from 113,310 sf to 133,631 sf.
    h. The retail space decreased from 2,742 sf to 2,405 sf.

2. As to the parking garage:
    a. The footprint was reduced from 38,674 sf to 38,628 sf.
    b. The number of parking spaces was reduced from 1,505 spaces to 1,479 spaces.
    c. Based on the revised parking count, the 1,479 parking spaces within the garage were allocated as follows:
        i. 150 public use spaces.
        ii. 12 Emergency Services spaces.
        iii. 96 hotel spaces.
        iv. 1,221 office spaces.

    d. The parking levels below the office building were modified through finalization of the building structural and mechanical design, as well as striping, to increase the total number of parking spaces from 150 to 167 spaces.

3. The public plaza area was reconfigured and reduced in size from 19,240 sf down to 18,713 sf.

4. Replacement of the handicap lift on Fayette Street with an enclosed elevator; leading directly to the public plaza.

Amended land development approval was approved by Resolution, dated June 19, 2019, and the revised plans were recorded in Plan Book 0051, page 00463.

Due to reasons related to COVID-19, as well as the hotel industry in general, Concord Hospitality, the hotel operator, has determined that they cannot proceed with this project unless the proposed hotel is reduced in size and combined with the proposed brew pub restaurant. That

is, the hotel, to be profitable, must cut its costs of construction and increase its projected revenue. Reducing the size of the hotel and operating the brew pub restaurant as part of the hotel is how they can meet these requirements.

Based on the above, Keystone is requesting amended land development approval to allow the following plan modifications:

1. Reduce the number of hotel room from 165 to 127.

2. Reduce the height of the hotel from 10 stories to 8 stories (with 2 of the 8 stories all or partially below grade).

3. Construct a new two-story building to connect the existing firehouse building to the proposed hotel building (the "Connector Building").

4. Reduce the gross square footage of the hotel from 133,631 square feet to 95,680 square feet; but increase the footprint from 13,554 sq. ft. to 17,211 sq. ft. (which now includes the firehouse building and the Connector Building.

5. Merge the existing firehouse building into the hotel.

6. Relocate the lobby of the hotel to the firehouse building and encourage all hotel "drop-offs" to the new driveway.

7. Relocate the hotel restaurant from the roof of the hotel to the second floor of the Connector Building and the second floor of the firehouse building.

8. Relocate the handicap lift from inside the hotel back to the front of the plaza.

9. The public plaza easement area was reconfigured, due to the relocated hotel entrance and footprint, resulting in the area being increased from 18,713 to 18,953 square feet.

In addition, Keystone has included the following enhancements to the plaza:

1. Paver Changes. Changed from concrete unit pavers to granite pavers within the Plaza area. These pavers are slightly larger than the unit pavers originally specified and an upgrade to the plaza.

2. Boulevard Lighting (in pavers). Revised the paver patterns and integration of the lighting within the main walk of the Plaza. This change increases user experience and provides better wayfinding.

3. Light Masts. The addition of light masts provides a landmark element for the Plaza to the Fayette Street side of the site.

4. Perforated Metal Panel/LED Bollards at the drop-off. The addition of these features increase safety of drop-off area and provides a more distinct landing for those entering the site.

In this regard, enclosed are the following items for your consideration:

1. Seven (7) full-size copies and one (1) digital copy of the Amended Preliminary/Final Land Development Plans, prepared by Pennoni Engineering, dated July 2, 2018, last revised September 3 2020, consisting of 24 pages;

2. Seven (7) full-size copies and one (1) digital copy of Fig. 2, Plaza Easement Exhibit Plan, prepared by Pennoni Engineering, dated September 11, 2018, last revised September 3, 2020.

3. Seven (7) copies and one (1) digital copy of an updated Zoning Compliance Report, dated September 21, 2018, last revised September 3, 2020; red-lined to reflect the revisions to the last draft updated April 5, 2019.

4. Seven (7) 11 x 17 copies and one (1) digital copy of an architectural package, containing elevations, renderings, floor plans, and building sections, prepared by DLR Group, dated August 20, 2020, consisting of 8 sheets.

5. Seven (7) 11 x 17 copies and one (1) digital copy of a transparency diagram plan and renderings, as to compliance with the design requirements of the Zoning Ordinance, prepared by DLR Group, dated August 20, 2020, consisting of 5 sheets.

6. Seven (7) copies and one (1) digital copy of a letter report, confirming that the revised Plans will not have an adverse impact on the opinions rendered in the Trip Generation and Parking Assessment, prepared by Traffic Planning and Design for this project.

7. Three (3) copies and one (1) digital copy of an updated Stormwater Management Narrative, prepared by Pennoni Engineering, dated July 2, 2018, last revised September 3, 2020.

8. Updated Plaza Renderings, prepared by Gensler, dated January 22, 2020, consisting of 7 sheets.

Hard copies of the documents referenced in items 1-8 above will be hand delivered to the Borough.

Please note that we will be sending to the Borough Solicitor, under separate cover, the following draft documents for his review and comment:

1. Second Amendment to the Public Plaza and Easement Agreement between the Borough of Conshohocken and Keystone, to reflect modifications to the public plaza.

2. Second Amendment to the Land Development Agreement between the Borough of Conshohocken and Keystone, to reflect the amended land development plans.

3. Second Amendment to the Stormwater Agreement to reflect the amended land development plans.

4. Second Amendment to the Parking Agreement to reflect the amended land development plans.

It is our understanding that this submission will be placed on the agenda of the Borough Planning Commission meeting on October 8, 2020, and on the agenda of the Borough Council meeting on October 21, 2020. We would like to set a staff meeting within the next week or two to further discuss. Time is of the essence with this submission as Keystone must commence construction of the hotel by November 1, 2020, to stay on schedule with its delivery deadlines.

If you have any questions regarding the enclosed submission, or the above summary, please advise. Thank you.

Sincerely,

Robert W. Gundlach, Jr.

RWG:lmr

cc: Ray Sokolowski, Borough Executive Director of Operations/BCO/Emergency Management
Karen M. MacNair, PE, Borough Engineer
Michael E. Peters, Esq., Borough Solicitor
Albert Federico, PE, Borough Traffic Engineer

Christine Stetler, Borough Community Development Director
Jason Sheridan, PE, Applicant's Eengineer
Carl St. Pierre, PE, Applicant's Engineer
Peter Spisszak, PE, Applicant's Traffic Engineer
Richard Gottlieb, Keystone
Michael Brookshire, Keystone
Jennifer Rosenberg, Keystone
Scott Boyle, Architect
Christine Morrison, Architect
Steven Anderson, Concord Hospitality
Jessica L. Rice, PL, Applicant's Counsel

BUILDING ELEVATION
ELM STREET

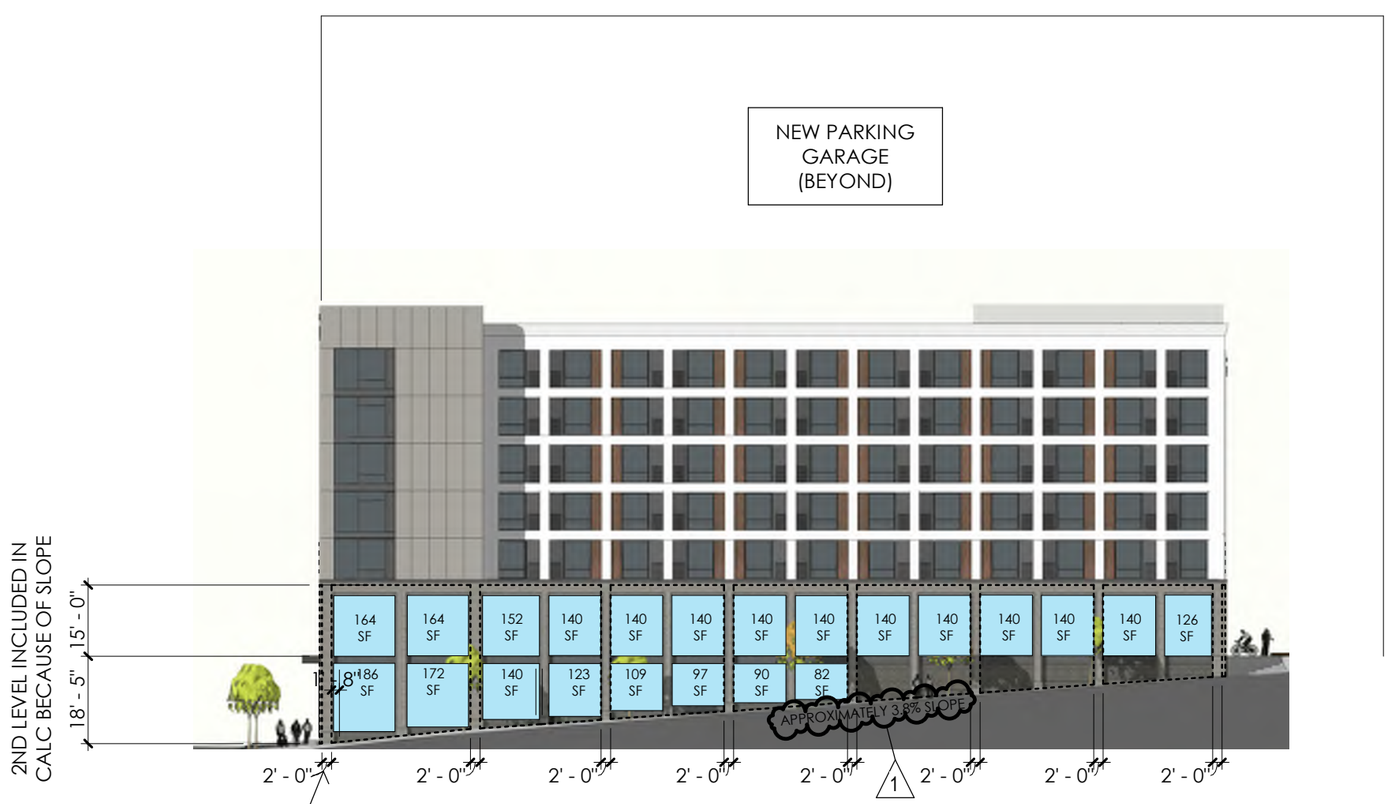
80% TRANSPARENT / 80% REQUIRED

BASELINE SURFACE AREA: 1,166 SF

TOTAL GLAZING AREA: 927 SF

*OPAQUE STRUCTURAL ELEMENTS WHICH REQUIRE SCREENING ON THE FACADE HAVE BEEN OMITTED FROM TRANSPARENCY CALCULATIONS AS THEY ARE ESSENTIAL TO THE BUILDING STRUCTURE. THESE INCLUDE BRICK PIERS IN EXCESS OF 12' HEIGHT AND 18" WIDTH REQUIREMENTS PER ORDINANCE No. 05-2017 SPECIALLY PLANNED DISTRICT FOUR SECTION 27-2203.

BUILDING ELEVATION
FAYETTE STREET



66% TRANSPARENT / 65% REQUIRED

BASELINE SURFACE AREA: 4,542 SF

TOTAL GLAZING AREA: 3,005 SF

DLR Group | CONCORD HOSPITALITY | KEYSTONE PROPERTY GROUP | CONSHOHOCKEN, PA 19428 | 08/31/2020 | **TRANSPARENCY DIAGRAMS** | TAPESTRY COLLECTION BY HILTON™

REVISION 1 - 10/21/2020

DESIGN STATEMENT

Hotel West & Main's design engages a three-part massing that holds and activates the NW corner of Fayette and Elm Streets. Equal attention is paid to both pedestrian scale and urban importance. At the base, the brick podium is calibrated to strike a balance between the weight of the brick and the openness of the façade. At the pedestrian realm, large spans of glass accentuate the retail and hotel meeting prefunction, articulated by brick piers that create an active rhythm as you move along the façade. The texture of the brick and horizontal divisions maintain a pedestrian friendly scale that avoids an imposing monolithic expression. The brick base and its emphasized corners also relate well to the adjacent historic fire station, creating a material association, while maintaining a contemporary feel. The hotel tower features a modulated, windowed façade that frames views to the river and complements the rhythm of the base. The new tower links to the adjacent historic fire station, which will be restored to house the hotel entrance and a new restaurant. The link portion has been designed to have minimal impact to the historic building while creating meaningful space to support the new restaurant. The steel and glass structure is a nod to the neighborhood's industrial roots and its transparency respects the existing facade. It includes a rooftop bar with views to the adjacent pedestrian plaza and a feature stair that provides easy access from the ground floors.

DLR Group	CONCORD HOSPITALITY / KEYSTONE PROPERTY GROUP	CONSHOHOCKEN, PA 19428	08/31/2020	**RENDERING - SE VIEW**

TAPESTRY COLLECTION BY HILTON™

DLR Group	CONCORD HOSPITALITY / KEYSTONE PROPERTY GROUP	CONSHOHOCKEN, PA 19428	08/31/2020	**RENDERING - NE VIEW**

TAPESTRY COLLECTION BY HILTON™

DLR Group	CONCORD HOSPITALITY / KEYSTONE PROPERTY GROUP	CONSHOHOCKEN, PA 19428	08/31/2020	**RENDERING - NW VIEW**

TAPESTRY COLLECTION BY HILTON™

DLR Group	CONCORD HOSPITALITY / KEYSTONE PROPERTY GROUP	CONSHOHOCKEN, PA 19428	08/20/2020	**RENDERING - SW VIEW**

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Est. 1989
TRAFFIC PLANNING AND DESIGN, INC.
WWW.TRAFFICPD.COM

October 12, 2020

Mr. Michael Brookshier
Vice President of Development
Keystone Property Group
125 East Elm Street
Suite 400
Conshohocken, PA 19428

Re: **Trip Generation and Parking Assessment**
Proposed SORA West Development
Borough of Conshohocken, Montgomery County, PA
TPD# KPG.00003

Dear Michael:

Traffic Planning and Design, Inc. (TPD) has completed a Trip Generation and Parking Analysis for the proposed development, "SORA West" in the Borough of Conshohocken, Montgomery County, Pennsylvania. The proposed development is located on Fayette Street between West Elm Street, Robinson Alley and West First Avenue. This analysis provides a comparison of what was previously approved to what is currently proposed. It should be noted, the access for the proposed site is consistent with the previously approved plans.

A breakdown of the approved land uses and parking spaces provided for each use is described below:

- 438,736 sf of office space
- 4,470 sf of retail space
- A 165 room Hotel
- 10,840 sf of restaurant space (4,840 sf associated with the Hotel)
- A Parking Garage
- A total of 1,675 off-street parking spaces, a breakdown of the allocation of spaces is below:
    - 1,388 parking spaces for office use (1,221 in the garage and 167 under the office building)
    - 125 parking spaces for the hotel (96 in the garage and 29 valet spaces under the hotel)
    - 12 spaces for first responders in the garage
    - 150 spaces for public use

As shown on the update land development plans, at full build-out the total of the proposed development would now consist of the following uses with the differences highlighted in **bold**:

- **447,427 sf of office space**
- **5,324 sf of retail space**
- **A 127 room Hotel**
- **4,050 sf of restaurant space**
- A Parking Garage
- A total of **1,646** off-street parking spaces, a breakdown of the allocation of spaces is below:

- 1,388 parking spaces for office use (1,221 in the garage and 167 under the office building)
- **96 parking spaces for the hotel (96 in the garage)**
- 12 spaces for first responders in the garage
- 150 spaces for public use

The purpose of this letter is to provide the following information pertaining to the proposed site:

- Determine the differences in trip generation for the proposed site vs. the previously approved development program.
- Determine the peak parking required of the "SORA West" development based on the proposed text amendment using the existing Zoning Ordinance, Section 27-2011. Regulations for the Specially Planned District as a base, and the Parking Credit Schedule contained in the proposed Zoning Ordinance 27-2206, which would take into account the shared parking potential between the proposed uses and the Transit reductions for vehicular traffic/parking needs.
- Determine the parking needed for full build-out of the development.

The following is a summary of TPD's findings:

TRIP GENERATION

The trip generation rates for the proposed development were obtained from the manual *Trip Generation*, Ninth Edition, 2012, an Institute of Transportation Engineers (ITE) Informational Report. The statistics in *Trip Generation* are empirical data based on more than 4,800 trip generation studies. The data are categorized by Land Use Codes, with total vehicular trips for a given land use estimated using an independent variable and statistically generated rates or equations.

For the proposed SORA West development, Land Use Codes 310 (Hotel), 710 (General Office Space), 820 (General Retail), and 932 (High-Turnover Sit Down Restaurant) from *Trip Generation* was used to calculate the number of vehicular trips the development will generate during the following time periods: (1) average weekday; (2) weekday A.M. peak hour; and (3) weekday P.M. peak hour. **Table 1** shows the rates/equations and directional percentages for the analyzed time periods.

TABLE 1
ITE TRIP GENERATION DATA

Land Use	ITE #	Time Period	Equations/Rates	Entering %	Exiting %	Pass-By %
Hotel	310	Weekday A.M. Peak Hour	T = 0.53*(X)	59%	41%	--
		Weekday P.M. Peak Hour	T = 0.60*(X)	51%	49%	--
		Weekday	T = 8.17*(X)	50%	50%	--
Office	710	Weekday A.M. Peak Hour	Ln(T) = 0.80*Ln(X) + 1.57	88%	12%	--
		Weekday P.M. Peak Hour	T = 1.12*(X) + 78.45	17%	83%	--
		Weekday	Ln(T) = 0.76*Ln(X) + 3.68	50%	50%	--
General Retail[1]	820	Weekday A.M. Peak Hour	T = 0.96*(X)	62%	38%	24%[2]
		Weekday P.M. Peak Hour	T = 3.71*(X)	48%	52%	34%
		Weekday	T = 42.70*(X)	50%	50%	--
High-Turnover (Sit Down) Restaurant	932	Weekday A.M. Peak Hour	T = 10.81*(X)	55%	45%	33%[2]
		Weekday P.M. Peak Hour	T = 9.85*(X)	60%	40%	43%
		Weekday	T = 127.15*(X)	50%	50%	--

T = number of site-generated vehicular trips
X = independent variable (dwelling rooms, ksf, thousand square feet of gross leasable area)
1 = At this size, Trip Generation Equations Generate Well Outside the Standard Deviation. Therefore, Rates Utilized
2 = No ITE Data, Utilized PM minus 10%

Methodology for internal trips, pass-by trips, and multi-modal trip reduction will remain consistent with the previously approved TIS, dated April 10, 2017, the TIS Addendum dated October 30, 2018, and the TIS Addendum dated April 5, 2019.

The calculated trip generation for the proposed development for the full build-out is shown in **Table 2** for the approved TIS and **Table 3** for the updated development plan. A comparison of the approved TIS and the updated development plan are shown in **Table 4**.

TABLE 2

TRIP GENERATION SUMMARY – APPROVED DEVELOPMENT PLAN

Land Use	Size (X)	Total Trips	TOD Trips[1]	Int. Trips[2]	External Trips			Pass-By Trips			New Trips		
					Total	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit
Weekday A.M. Peak Hour													
Hotel	165	87	-13	-9	65	38	27	0	0	0	65	38	27
Office	438.736	625	-94	-63	468	412	56	0	0	0	468	412	56
General Retail	4.470	4	0	0	4	2	2	0	0	0	4	2	2
Restaurant	6	65	-10	-7	48	26	22	16	8	8	32	18	14
Total		**781**	**-117**	**-79**	**585**	**478**	**107**	**16**	**8**	**8**	**569**	**470**	**99**
Weekday P.M. Peak Hour													
Hotel	165	99	-15	-3	81	41	40	0	0	0	81	41	40
Office	438.736	570	-86	-17	467	79	388	0	0	0	467	79	388
General Retail	4.470	17	-3	0	14	7	7	4	2	2	10	5	5
Restaurant	6	59	-9	-2	48	29	19	20	10	10	28	19	9
Total		**745**	**-113**	**-22**	**610**	**156**	**454**	**24**	**12**	**12**	**586**	**144**	**442**
Weekday													
Hotel	165	1350	-202	-88	1060	530	530	N/A	N/A	N/A	1060	530	530
Office	438.736	4040	-606	-242	3192	1596	1596	N/A	N/A	N/A	3192	1596	1596
General Retail	4.470	192	-29	-11	152	76	76	N/A	N/A	N/A	152	76	76
Restaurant	6	764	-115	-50	599	300	299	N/A	N/A	N/A	599	300	299
Total		**6346**	**-952**	**-391**	**5003**	**2502**	**2501**	**N/A**	**N/A**	**N/A**	**5003**	**2502**	**2501**

Int. = Internal Capture Trips

X = Independent Variable (hotel rooms, ksf, thousand square feet)

1 = 15% Transit-Oriented Development reduction

2 = Internal Reduction = 10% AM Peak Hour, 3% PM Peak Hour, 6.5% Weekday

TABLE 3
TRIP GENERATION SUMMARY – UPDATED DEVELOPMENT PLAN

Land Use	Size (X)	Total Trips	TOD Trips[1]	Int. Trips[2]	External Trips			Pass-By Trips			New Trips		
					Total	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit
Weekday A.M. Peak Hour													
Hotel	127	67	-10	-6	51	31	20	0	0	0	51	31	20
Office	447,427	634	-95	-57	482	424	58	0	0	0	482	424	58
General Retail	5.324	5	0	0	5	3	2	0	0	0	5	3	2
Restaurant	4.050	44	-7	-4	33	18	15	10	5	5	23	13	10
Total		**750**	**-112**	**-67**	**571**	**476**	**95**	**10**	**5**	**5**	**561**	**471**	**90**
Weekday P.M. Peak Hour													
Hotel	127	76	-11	-2	63	32	31	0	0	0	63	32	31
Office	447,427	580	-87	-17	476	81	395	0	0	0	476	81	395
General Retail	5.324	20	-3	-1	16	10	6	4	2	2	12	8	4
Restaurant	4.050	40	-6	-1	33	20	13	14	7	7	19	13	6
Total		**716**	**-107**	**-21**	**588**	**143**	**445**	**18**	**9**	**9**	**570**	**134**	**436**
Weekday													
Hotel	127	1038	-156	-62	820	410	410	N/A	N/A	N/A	820	410	410
Office	447,427	4100	-615	-246	3239	1620	1619	N/A	N/A	N/A	3239	1620	1619
General Retail	5.324	228	-34	-14	180	90	90	N/A	N/A	N/A	180	90	90
Restaurant	4.050	516	-77	-31	408	204	204	N/A	N/A	N/A	408	204	204
Total		**5882**	**-882**	**-353**	**4647**	**2324**	**2323**	**N/A**	**N/A**	**N/A**	**4647**	**2324**	**2323**

Int. = Internal Capture Trips
X = Independent Variable (hotel rooms, ksf, thousand square feet)
1 = 15% Transit-Oriented Development reduction
2 = Internal Reduction = 9% AM Peak Hour, 3% PM Peak Hour, 6% Weekday

TABLE 4
TRIP GENERATION COMPARISON

Time Period	Development Plan	External Trips			Pass-by Trips			New Trips		
		Total	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit
Weekday A.M. Peak Hour	Approved Plan	585	478	107	16	8	8	569	470	99
	Updated Plan	571	476	95	10	5	5	561	471	90
	Difference	**-14**	**-2**	**-12**	**-6**	**-3**	**-3**	**-8**	**1**	**-9**
Weekday P.M. Peak Hour	Approved Plan	610	156	454	24	12	12	586	144	442
	Updated Plan	588	143	445	18	9	9	570	134	436
	Difference	**-22**	**-13**	**-9**	**-6**	**-3**	**-3**	**-16**	**-10**	**-6**
Weekday	Approved Plan	5003	2502	2501	N/A	N/A	N/A	5003	2502	2501
	Updated Plan	4647	2324	2323	N/A	N/A	N/A	4647	2324	2323
	Difference	**-356**	**-178**	**-178**	**N/A**	**N/A**	**N/A**	**-356**	**-178**	**-178**

Based on the trip generation analysis summarized in **Table 4**, the SORA West development will generate approximately 561 new trips during the weekday A.M. peak hour and 570 new trips during the weekday P.M. peak hour at full build out. The updated development plan will result in ***8 less trips*** to the site during the weekday A.M. peak hour and ***16 less trips*** during the P.M. peak hour at full build out when compared to the approved plan. The slight decrease in trip generation would not impact the traffic analysis results or proposed roadway improvements included in the previously approved TIS.

PARKING ANALYSIS

PARKING ANALYSIS – PROPOSED SITE

Parking Required Under SP Districts

Based on the adopted text amendment for the property, which utilizes the parking ratios outlined in the *Zoning Ordinance, Section 27-2011 Regulations for the Specially Planned District*, the parking requirements for the proposed development are shown in **Table 5** below.

Table 5
SORA West
Off-Street Parking Requirements per SP Districts

Full Build-out			
Office	447,427 sf	3 spaces per 1,000 sf	1,343
Retail	5,324 sf	1 space per 250 sf	22
Hotel	127 Rooms	1.25 spaces per room	159
Restaurant	4,050 sf	1 space per 150 sf	27
Full Build-out			***1,551***

As shown in **Table 5**, full build-out of the proposed development would require a total of 1,551 off-street parking spaces per the SP District ordinance. This calculation assumes that each individual land use within the mixed use development would require its own individual parking supply. The above calculations do not account for daily/hourly/seasonal variations in parking demand nor does it account for any reductions in parking due to transit use, walking, biking, or shared parking potential.

Shared Parking – Parking Credit Schedule

Utilizing the parking ratios outlined in the *Zoning Ordinance, Section 27-2011, Regulations for the Specially Planned District* as a baseline, based on a recommendation from the Borough's Land Planner (KSK), TPD utilized the Parking Credit Schedule included in the adopted text amendment, in order to determine the parking demand associated with the proposed "SORA West" development. The Parking Credit Schedule is shown in **Table 6** below.

Table 6
Parking Credit Schedule

	Weekday	Weekday	Weekday	Weekend	Weekend
	Night Midnight to 7:00am (percent)	Day 7:00am to 5:00pm (percent)	Evening 5:00pm to Midnight (percent)	Day 6:00am to 6:00pm (percent)	Evening 6:00pm to 6:00am (percent)
Office	5	100	10	10	5
Commercial/Retail	5	80	90	100	70
Hotel	70	70	100	70	100
Restaurant	10	50	100	50	100
Restaurant associated w/ Hotel	10	50	60	50	60

In order to determine the parking required of the proposed development, TPD multiplied the minimum parking requirement for each use, as defined in **Table 5**, by the appropriate percentage as shown in the Parking Credit Schedule in **Table 6**, for each of the five designated time periods. The time period having the highest total value is the minimum shared parking space requirement for the combination of land uses. The total number of parking spaces required for full build-out of the site, using Gross Floor Area (GFA) per the Parking Credit Schedule are shown in **Table 7** below.

Table 7
Parking Credit Schedule – Full Build-out (Gross Floor Area)

		Weekday	Weekday	Weekday	Weekend	Weekend
	Parking Spaces Required based on 27-2011	Night Midnight to 7:00am (parking spaces)	Day 7:00am to 5:00pm (parking spaces)	Evening 5:00pm to Midnight (parking spaces)	Day 6:00am to 6:00pm (parking spaces)	Evening 6:00pm to 6:00am (parking spaces)
Office	1,343	67	1343	134	134	67
Commercial/Retail	22	1	18	20	22	15
Hotel	159	111	111	159	111	159
Restaurant	27	3	14	27	14	27
Total Spaces Required	**1,551**	**182**	**1486**	**340**	**281**	**268**

As shown in **Table 7** above, using GFA for the office use, full build-out of the proposed development would require a total of 1,486 off-street parking spaces using the Parking Credit Schedule to account for shared parking.

Transit Reductions

Due to the proposed development's proximity to mass transit and SEPTA's Conshohocken Regional Rail Station (located within ¼ mile of the proposed site), the required parking supply outlined above has been adjusted to provide for a 15% reduction in motor vehicle travel, which in turn reduces the parking demand, i.e. number of off-street parking spaces required. This reduction is a standard deduction utilized industry wide when a development is located in close proximity to an active passenger rail station. Also, based on the parking occupancy counts conducted at the comparable office buildings in the area, the 15% reduction is conservative.

Therefore, based on the location of the project, the proposed parking requirement relating to full build-out using GFA of "SORA West" is **1,264 off-street parking spaces** (1,486*0.85) during the peak of a typical weekday, which occurs between 7am to 5pm

SORA West Parking Summary

Based on the parking analysis described above, **Table 8** summarizes the number of parking spaces needed to accommodate the proposed development during the weekday 7:00 A.M. to 5:00 P.M. peak time period.

Table 8
SORA West Parking Summary

Full Build-out Parking Summary					
Land Use	Size	Units	Zoning Code 27-2011 (SP Districts)	With Shared Parking Reduction	With 15% Transit Reduction
Office	447,427	square feet	1,343	1,343	1,142
Retail	5,324	square feet	22	18	15
Hotel	127	Rooms	159	111	94
Restaurant	4,050	square feet	27	14	12
Total Parking Spaces Required			**1,551**	**1,486**	**1,257**

As shown in **Table 8** above, when shared parking and the transit reduction is considered, the development would require 1,257 parking spaces at Full Build-out during the weekday 7:00 A.M. to 5:00 P.M. peak time period.

Table 9 below, summarizes the required parking as described above and the number of parking spaces proposed for the development.

Table 9
SORA West Parking Requirements and Supply

	Required Parking	Parking Supply
Full Build-out	1,257	1,646

As shown in **Table 9** above, the parking supply exceeds the required number of parking spaces at full build-out.

CONCLUSIONS

Based on the results of the parking study, TPD offers the following conclusions:

- The proposed development plan would generate ***8 less trips*** during the A.M. peak hour and ***16 less trips*** during the P.M. peak hour than the previously approved development plan. The decrease in trip generation would not impact the traffic analysis results or proposed roadway improvements included in the previously approved TIS.

- Based on the SP District, the Parking Credit Schedule, and the transit reductions, the peak parking demand for the proposed site would be **1,257 off-street parking spaces** at Full Build-out.

- The current plan for the proposed development provides for **1,646 off-street parking spaces** at Full Build-out.

If you have any additional comments or questions please feel free to contact us.

Sincerely,

TRAFFIC PLANNING AND DESIGN, INC.

Matthew I. Hammond, P.E.
Executive Vice President

Peter Spisszak, AICP
Senior Project Manager

WEST

WEST&MAIN

SORA
FIRE RESCUE
HOTEL
WEST & MAIN

HOTEL
WEST & MAIN

SORA

MEMORANDUM

TO:	Gilmore & Associates, Inc. Karen M. MacNair, P.E.
FROM:	Carl St. Pierre Carl St. Pierre
DATE:	November 12, 2020
SUBJECT:	SORA West Land Development - Fayette Street & West Elm Street, LD 2015-07 Application for Second Amended Final Major Land Development TMPs 05-00-02810-002, 05-00-06040-003, 05-00-02350-003, 05-00-06032-002, 05-00-02852-005, and 05-00-02840-008

On behalf of Keystone Property Group, we are submitting the below responses to the comments from Gilmore and Associates, Inc. letter dated November 6, 2020.

I. Review Comments

A. *Zoning Ordinance*

We defer all comments with respect to the Conshohocken Borough Zoning Ordinance and the Conditional Use Decisions and Orders to the Borough's Zoning Officer.
Response: Noted.

B. *Subdivision and Land Development Ordinance*

We offer the following comments with respect to the Conshohocken Borough Subdivision and Land Development Ordinance:

1. *§22-404.2.B – The Applicant previously received a waiver to allow driveway widths greater than the maximum permitted 25 feet. Since the revised plan shows an increase in driveway width from 34 feet to 38 feet at the hotel loading/unloading entrance in order to accommodate emergency vehicles, a revised waiver request would be required. If the revised waiver is granted, the plans shall be revised to extend the associated depressed curb and concrete apron.*
   Response: Will comply. The plan will be revised back to the previously approved 34' foot width.

2. *§22-404.2.E – We offer the following comments related to the Circulation Plans, Sheets 13 and 14:*
   a. *The accessible route shall be returned to the Circulation Plans and shall be revised to include access to and from the proposed lift and the hotel entrance and restaurant.*
      Response: Will comply.

   b. *The plan shall show emergency access entering the site via the loop driveway entrance and exiting the site onto West Elm Street via the hotel loading/unloading driveway to determine whether adequate space is provided.*
      Response: Will comply.

c. *When two vehicles are parked at the hotel loading/unloading area, it appears the vehicle within the loading area will be blocked from exiting when the second space is occupied. The plan shall be revised to show both vehicles can safely access and maneuver the loading/unloading area without blocking each other.*
Response: Will comply.

d. *The loading/unloading vehicles shall be revised to be SU-40 vehicles to determine if adequate space is provided to allow for vehicles to safely access and maneuver the site when the loading spaces are occupied.*
Response: Will comply.

e. *The previously provided circulation templates for the parking garage and loading dock ingress and egress along Robinson Alley shall be returned to the plan.*
Response: Will comply.

3. *§22-404.3.H – A waiver was granted to permit no screening for the loading area along Robinson Alley subject to the requirement that trucks using the loading area be pulled all the way in to the loading dock and that the loading dock doors be closed. Based on measurements taken of the currently constructed loading area along Robinson Alley and the proposed WB-40 and SU-30 trucks, the loading dock doors cannot be closed as required. The loading docks shall be revised as required to limit headlight glare and noise impacts to the properties along Robinson Alley.*
Response: The applicant and the Borough have agreed that this item will be resolved as a separate construction field change. Therefore, the applicant will coordinate separately with Borough staff to come to a mutual agreement on this item.

4. *§22-405.1.C – The as-built location of the 4 utility poles placed along Oak Street shall be added to the plans and a revised sidewalk layout proposed for public pedestrian access. We note a waiver was previously granted to permit a minimum 6.5 foot wide sidewalk along Oak Street and Robinson Alley. The Applicant shall clarify whether a revised waiver request would be required and, if so, the extent of the request shall be identified.*
Response: Will comply with the understanding that the applicant and the Borough have agreed that this item be resolved/coordinated as a separate construction field change. The applicant will coordinate with Borough staff to come to a resolution on this item.

5. *§22-409 – We offer the following comments related to the Grading Details plans, Sheets 9-11 and the ADA Lift Exhibit:*
   a. *A review of the pending major field change submission related to the elevations of the exterior curb, public use sidewalk, curb ramps, inlet top replacements, and related tie in points will be provided under separate cover; therefore, review of these items is not included in this letter. The plans shall be revised to reflect any approved major field changes prior to recording.*
   Response: Will comply.

b. *Additional top and bottom of elevations for the walls adjacent to the ADA lift shall be provided on the Grading Details plans and ADA Lift Exhibit.*
Response: Will comply.

c. *The plans shall also be revised to indicate the location of lift attachment wall with associated top and bottom of wall elevations. The proposed architectural treatment of the lift wall shall be clarified, as it appears the wall would face Fayette Street, and it is not clearly shown in the submitted renderings. Additionally, justification shall be provided for the proposed lift call boxes being separate from the lift and located further than a push button would be located from the level landing of a curb ramp.*
Response: Will comply. Separate lift design/drawings will be provided by the architect.

d. *The contours within the ramp by the parking garage entrance from the plaza area shall be extended to the revised landscape wall location. In addition, all spot elevations related to the landscape wall shall be revised accordingly.*
Response: Will comply.

e. *The ETW 98.00 feet labeled by the southeastern corner of the existing fire house appears to be the bottom of wall elevation based on the existing contours. The elevations in this area shall be confirmed and contours added in the newly proposed landscape area between fire house and hotel driveway.*
Response: Will comply.

f. *It appears the top of wall elevation for the proposed retaining wall located along the hotel loading/unloading driveway shall be revised to match the existing firehouse elevation, 109.50 feet, at the northeast corner of the building. This shall be clarified.*
Response: Will comply.

g. *The proposed grading at the top of the steps by the loading docks along Robinson Alley shall be clarified. It appears that the northern sides slope towards the steps and the southern sides slope towards the sidewalk, creating a twisted surface that would seem difficult to use as a walking surface.*
Response: Will comply.

h. *Sheet 2 of 2 of the ADA Lift Exhibit shall be provided for review. surface.*
Response: The ADA lift exhibit plan is one of one sheet. The drawing was incorrectly labelled as 1 0f 2.

6. *§22-410 – The grate elevations for TD-14 and TD-15 and invert out elevation of UP-FLO MEDIA Unit 1 shall be revised for consistency between all plan sheets and the pipe calculations. In addition, segments 23-27 of the pipe calculations shall be revised to reference 6 inch DIP to match the plans.*
Response: Will comply.

7. §22-411 – *We offer the following to the Easement Plan, Sheet 5, and the provided legal descriptions:*
   a. *A retaining wall, curbing, and a landscape island are now proposed within the 20 foot wide sanitary sewer easement. We defer to the Conshohocken Borough Sewer Authority regarding whether this is acceptable.*
      Response: Noted.

   b. *SORA West Public Access Easement 1:*
      1) *Segment 14 shall be revised to note a bearing of northeast, as opposed to northwest.*
         Response: Will comply.

      2) *The following line located between Segments 14 and 15 shall be added to the legal description: N55°32'47"W 19.18 feet.*
         Response: Will comply.

      3) *The bearing for Segment 17 shall be revised for consistency between the plan and legal description.*
         Response: Will comply.

      4) *Segment 18 shall be noted on the plan.*
         Response: Will comply.

      5) *Segment 28 appears to be colinear with Segment 9 of the SORA West Public Plaza Area Easement; however, the bearings are different between the two segments. The plans and legal descriptions shall clarify the segment bearings.*
         Response: Will comply.

      6) *Segment 42 shall be revised to note a bearing of northeast, as opposed to northwest.*
         Response: Will comply.

   c. *SORA West Public Plaza Area:*
      1) *Segment 9 appears to be colinear with Segment 28 of the SORA West Public Access Easement 1; however, the bearings are different between the two segments. The plans and legal descriptions shall clarify the segment bearings.*
         Response: Will comply.

      2) *Segment 13 shall be revised to note a bearing of northeast, as opposed to northwest.*
         Response: Will comply.

      3) *The legal description has an error closure distance of 1.67 feet and shall be revised to close.*
         Response: Will comply.

8. *§22-421 – Copies of updated Office Architectural Plans and Lighting Plans shall be submitted for review. The Office/Plaza Landscape Plans shall be updated to reflect the layout shown on the revised land development plans, including the Fayette Street lift, and include all previously submitted sheets. In addition, the Rendering – SW View shall be added to the Index of Drawings on the Hotel Architectural Plans and the Hotel Exterior Lighting Plan, Sheet A.LD.12, shall be revised to be legible and resubmitted for our review. We may have additional review comments once this information is provided.*
   Response: Will comply.

9. *§22-421.1 – We offer the following comments to the Hotel Landscape Architectural Plans:*
   a. *The three trees located within the landscape island that separates the loop drop-off area and hotel loading area shall be labeled and added to the Plant Schedule on Sheet LA1001. In addition, the landscaping proposed outside of the landscape island shall be corrected.*
      Response: Will comply.

   b. *The proposed "Do Not Enter" sign located within the landscape island may be obscured by the proposed landscaping. We recommend the signage be relocated to the forefront of the landscape island to increase visibility.*
      Response: Will comply.

C. *General Comments*

1. *The Applicant shall obtain all required revised approvals, permits, etc. (e.g. PADEP, PennDOT, MCPC, MCCD, Conshohocken Borough Sewer Authority, Fire Marshal, AQUA, etc.). Copies of these approvals and permits shall be submitted to the Borough of Conshohocken and our office.*
   Response: Noted

2. *All submitted plans shall be referenced on the Cover Page, Sheet 1.*
   Response: Will comply.

3. *We recommend the proposed 5 foot wide yellow hatched pavement marking path be revised to white pavement markings. The proposed material of the pavement markings shall be identified.*
   Response: Will comply.

4. *The plans newly propose to remove the two previously proposed parking spaces adjacent to the western side of the firehouse on Lot 6, which would require approval from the Owner of TMP 05-00-04252-009, the Washington Hose & Steam/Fire Engine Co 1. We defer to the Borough Solicitor whether their Owner signature block shall be added to the Record plans or other documentation indicating their approval of the change will be acceptable. The signage for the spaces shall be removed from the plan since they are no longer applicable.*
   Response: Will comply.

5. *We recommend the Borough discuss the newly proposed screening wall located between the drop-off loop and hotel loading area which is exposed on both sides. The plans propose the wall to extend approximately 12 feet above grade on the drop-off loop side and approximately 14 feet above grade on the loading area side.*
   Response: Noted.

6. *We recommend the landscape planter located between the garage pedestrian entrance and sidewalk along the western side of the drop-off area be revised to abut the parking garage. In addition, the sidewalk width dimension in the same area shall be revised to be perpendicular to the sidewalk.*
   Response: Will comply.

7. *We recommend a rendering be added to the Hotel Architectural Plans to clearly show the proposed loading area as viewed from West Elm Street.*
   Response: Will comply.

8. *The sign located interior of the hotel near the gas meter area, as depicted on the Grading Details, Sheet 10, shall be removed.*
   Response: Will comply.

1. *We defer the following items to the Borough's Building Code Official:*
   a. *Determining whether/where fall protection shall be provided on site.*
      Response: Noted.

   b. *Review of the ramp leading into the proposed garage from the drop-off area and access to the elevators within the garage structure.*
      Response: Noted.

   c. *Review of the accessible elevator and lifts, including access at/to the elevator and lifts.*
      Response: Noted.

   d. *Review of the parking garage with respect to the requirements of §22-404.3.*
      Response: Noted.

   e. *Review of the screening wall located between the drop-off loop and hotel loading area.*
      Response: Noted.

MEMORANDUM

TO:	Borough of Conshohocken-Zoning
FROM:	Carl St. Pierre Carl St. Pierre
DATE:	November 12, 2020
SUBJECT:	Demolition of all existing structures on the site and construction of a Unified Development consisting of an office building, hotel, parking garage, retail space and public space

Below are responses to comments from the Memorandum dated October 28, 2020 from Borough of Conshohocken:

1. *Confirm that the public access route from West 1st Avenue is wide enough for a wheelchair, given the location of the trees.*
   Response: Will comply.

2. *The operation of the lift has not been adequately explained. How will those wishing to use the lift, operate it? Will there be directions on the equipment? Will a key be needed; and if so, where will the key be located? Will there be an attendant to operate the lift? Operation of the lift and requirements for its maintenance should be included in agreements between the Developer and the Borough.*
   Response: Will comply. The lift will be self-operated by those individuals wishing to utilize the lift and appropriate signage with operational instructions will be posted. There will not be an attendant operating the lift. Separate lift design/drawings will be provided by the architect.

3. *SK-009 shows an enclosure for the lift. The type of lift to be installed also should be shown.*
   Response: Will comply. Separate lift design/drawings will be provided by the architect for Borough review and approval.

4. *A package of circulation and ADA signage should be submitted for review along with a site plan showing the location of these signs. Borough wayfinding signage also should be shown on this site plan. Sign packages for individual buildings, restaurants and retail can be submitted individually, but must take into account the requirements of the SP-4 section of the zoning ordinance as well as Part 21 of the Zoning Ordinance.*
   Response: Will comply.

5. *Landscaping around the hotel is minimal. Are there any plans for foundation plantings around the building?*
   Response: The applicant will review the landscaping with the Township consultants and work with them to supplement plantings if and where feasible.

6. *Carl St. Pierre's 10/21/20 letter indicates that the slope of Fayette Street would be noted on the plans. Please identify where on the plans this figure appears.*
   Response: The slope of Fayette Street is delineated on the first page of the Transparency Diagrams prepared by DLR Group.

7. *The Developer is reminded that lighting at the site may not extend beyond the property line, and must not cause a hazard to drivers or a nuisance to the residential properties adjacent to Robinson Alley and West 1st Avenue.*
   Response: Will comply.

M E M O R A N D U M

TO: Borough of Conshohocken-Traffic Review, Albert Federico, P.E.

FROM: Carl St. Pierre Carl St. Pierre

DATE: November 12, 2020

SUBJECT: SORA West Development
Traffic Engineering Review
Conshohocken Borough, Montgomery County

The following responses are from your comments that are offered to Stephanie Cecco, Manager, Borough of Conshohocken, for consideration from your letter dated November 6, 2020:

Trip Generation and Parking Assessment

1. *The current submission included previously submitted TDM Plan (prepared by Traffic Planning and Design, Inc, dated November 29, 2018). As previously noted, the Applicant should coordinate with the Borough Solicitor to develop an appropriate agreement to ensure the TDM program is in place and operational prior to initial occupancy, and to provide for monitoring and enforcement of the TDM Plan.*
   Response: Will comply.

Amended Final Land Development Plans

2. *As previously noted, ensure the plans accurately reflect the traffic signal controller cabinet at Fayette Street and First Avenue as recently installed. As discussed with the Applicant at the October 28 field meeting it is understood that this will be addressed as part of the "correction plan" being prepared to address the issues with recently installed inlets, curbs and ramps, and will also address the location and height of the signal mast arm.*
   Response: Will comply.

MEMORANDUM

TO: Borough of Conshohocken-Fire Marshall Comments

FROM: Carl St. Pierre Carl St. Pierre

DATE: November 12, 2020

SUBJECT: SORA West Amended Final Land Development Application

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Response to Memorandum dated October 28, 2020 from Stephanie Cecco, Manager, Borough of Conshohocken:

We offer the following comments:

1. *Sheet CS2701: provide detail for wheel chair lift from Fayette Street to plaza level.*
   Response: Will comply. Separate lift design/drawings will be provided by the architect.

2. *Sheet CS2701: no direct ADA-compliant access shown from plaza to SORA building.*
   Response: Will comply. ADA access path will be re-shown on the plan.

3. *Sheet CS2701: provide detail including dimensions for turn-around in front of proposed hotel entrance and restaurant.*
   Response: Will comply.

4. *Sheet CS2701: marked pathway from wheel chair lift in rear of existing 3 story masonry building stops at the end of the building, continue pathway to garage entrance.*
   Response: Will comply.

5. *Sheet CS2701: existing fire hydrants in plaza area near vehicle turn-around not shown.*
   Response: Per previous coordination, the existing fire hydrant has been relocated to Robinson Alley between the garage and office buildings. This relocation was shown on sheet CS1701.

6. *Sheet CS2702: missing "No Parking-Fire Lane" signs on both sides of entrance driveway and on one side of service driveway.*
   Response: Will comply. Fire lane signs will be shown on CS2701.

7. *Sheet A.LD.4: previous comments stated that the relocated handicap lift noted as item #8 on page 3 of the September 4,2020 letter from Fox Rothchild is not shown. The sheet was not provided for this review.*
   Response: The plaza lift has been noted on sheet A.LD.4.

8. *Sheet FIG-2: previous comments stated that pavers in turn-around area must withstand 75,000 pound loading. No documentation provided. This sheet was not provided for this review.*

Response: Will comply.

There was a note in the previous review about an elevator in note #4 as replacing wheelchair lift in a letter dated April 5, 2019 from Fox Rothchild and approved by Council Resolution dated June 19, 2019. This is not shown or addressed.

Response: Will comply. Separate lift design/drawings will be provided by the architect.

MEMORANDUM

TO:	Montgomery County Planning Commission Barry W Jeffries, ASLA, Senior Design Planner
FROM:	Carl St. Pierre
DATE:	November 12, 2020
SUBJECT:	MCPC #15-0254-010 Plan Name: SORA West- Land Development Amendment (+/- 97,234 sq. ft.- hotel/447,427 sq. ft.- office/18,953 public plaza/within 6 lots comprising 3.69 acres) Situate: Fayette Street (west) / West Elm Street (north) Borough of Conshohocken

On behalf of Keystone Property Group, we are submitting the below responses to the comments from the Montgomery County Planning Commission letter dated November 2, 2020.

I. The Washington Fire Company Firehouse, c. 1878.

A. Connector Building & Safeguarding the Integrity of the Firehouse

The addition of the Connector Building serves as the transition space between the new hotel tower and the historically significant Washington Fire Company building. The Washington Fire Company building is one of the borough's most significant historic resources. It is a community landmark with its red brick, Italianate structure supporting a 3 ½ story bell Italianate bell tower. It was added to National Register of Historic Places in November 20, 1975 and remains the only building in the borough with this nationally recognized level of historic designation.

We recommend that the borough safeguard the integrity of the historic firehouse by ensuring the proposed Connector Building is designed in a harmonious and complementary manner. The north elevation of the Connector Building as proposed appears to be a sharp contrasting structure, compared to the historic structure. We believe it could be designed to complement the firehouse while serving the purpose as a transition space between the new hotel tower and the historic firehouse. In the previous submissions the firehouse maintained its integrity by having some breathing room around it and by being surrounded by an outdoor dining area and open space.

The Connector Building's transition between the historic firehouse and the hotel tower, especially the north elevation facing the public plaza, is abrupt and does not provide any architectural references, such as including materials that reference the adjacent historic firehouse's Italianate architecture. Given the significance of the firehouse as a place-making landmark in the borough, we recommend the borough seek a review of the proposed Connector Building by a preservation architect to help assess the impacts of the Connector Building and possible mitigation measures that employed.

Response: The design intent for the historic firehouse is to restore the building and preserve the historic character of the Firehouse all while providing a unique hotel entry and restaurant experience for guests. The project will be pursing historic tax credits and the design team is working closely with local preservation architect Voith & Mactavish, a historic tax credit consultant and the Pennsylvania State Historic Preservation Office (SHPO) to assure the restoration adequately preserves and represents the historic character of the Washie Firehouse.

The connector building that links the hotel tower to the firehouse has been designed to take aesthetic queues from the former 1-story apparatus bay addition that once stood in its place. The original apparatus addition was nondescript but from historic photos appears to have had matching brick to the firehouse, large glass garage doors and a strong horizontal brow above the apparatus doors. The proposed link building will be using a matching brick to the firehouse on the first floor and have large storefront openings to mimic the original building. The second level of the connector building is providing the code required exiting and elevator access to the proposed restaurant on level 2 of the historic firehouse, which it currently lacks. Per preliminary input from SHPO to make the 2nd level less imposing on the firehouse, the plaza side façade was stepped back to better mimic the original building allowing an opportunity to create an outdoor patio for the 2nd level restaurant and bar. To strengthen the one-story gesture, the rooftop patio has also been designed with a glass guardrail to reduce its presence and allow better views thru the glass to the historic firehouse. In addition, a strong slab edge element has been included as a nod to the original building.

Lastly, the design of the connector building will be under scrutiny / review from the SHPO office as well as the restoration plans for the firehouse to ensure that the addition does not detract from the historic Firehouse. Preliminary input from SHPO has been positive but their formal review is forthcoming

B. *Interior Renovations to the Firehouse*

The amended plan proposes that the first floor of the firehouse serve as the hotel's entry space and the second floor will become a restaurant. The interior of the building according to the 1975 National Register nomination form is described as essentially unchanged and containing notable carved ceilings, wainscoting and other woodworks. The applicant should provide the borough with the existing status of the interior and additional information on the proposed interior renovations for the structure. If major alternations are planned, we encourage the borough to work with the applicant to assess what elements could be salvaged. The applicant should work with the borough and the appropriate historical society to photo-document the interior of the structure if significant changes are proposed.

Response: The interior design concept for the space is to embrace the history of the firehouse and the historic character of the building. The design team is looking to reuse many archaic elements and finishes to weave the history of the building into the concept of the hotel and restaurant. Additionally, the project will be applying for historic tax credits and is closely working with a historic tax credit consultant and the Pennsylvania State Historic Preservation Office (SHPO) to advise the team on elements of historic character that should be retained to honor the history of the building. With that said, there are structural deficiencies in the building that need be addressed and will require removing

interior finishes to correct. When possible, the interior finishes are going to be restored and refinished. For elements that are unable to be restored due to their current degraded condition the intent is to find replicated elements to maintain the character of the space and satisfy the SHPO requirements.

II. Attractive, Effective and Sustainable Street Tree Canopy along Fayette Street.

A. *Effective, Healthy Street Trees Need Greater Soil Volume/Space Environment to Thrive*

The plan proposes the planting of 12 street trees along the 400 ft. length of the Fayette Street frontage. The street tree pits are spaced at 30 feet intervals along the frontage and include both Skyline Honeylocust and Bloodgood London Plane Tree. It appears that the street trees will be planted in a tree pit of +/- 4 feet by 4 feet. This is an inadequate soil area to establish an effective street tree and we suggest it is a recipe for a disappointing street tree environment. We believe a healthy, thriving street tree canopy is an essential ingredient for a successful streetscape along Fayette Street in this core area of the borough.

Given the high level of design and profile of this project for the borough, we strongly recommend the applicant consider proven strategies that can deliver a healthier tree canopy and sustainable streetscape environment along the street frontage. We recommend the development provide larger tree soil volumes and enlarged tree pits along the street. One method is to use a modular suspended or cantilevered sidewalk pavement system that extends the tree rooting zone below the sidewalk (Illustrated below). This enlarged area can provide some urban stormwater mitigation and significantly increase the tree canopy and tree health beyond what a typical 4-foot by 4-foot tree pit can provide.

SILVACells - modules create a generous soil volume in a narrow linear streetscape

SILVACells® - Enlarged Tree Planting Soil Volumes with

Another strategy is to plant trees in clustered groupings in a larger, shared soil area. This is an alternative to planting trees at regular 25-30 ft. intervals and is a proven technique to create effective street tree canopy. The larger shared soil volumes allows trees roots to expand and share the same larger soil space in a manner not unlike a forest planting, where trees occur

close together in limited space. We recommend the applicant revise the planting of trees in the small tree pits and provide the borough with landscape planting details that show a greater soil volume for the above mentioned tree species

Response: The current design complies with the requirements of the SP-4 ordinance and the Borough Streetscape Design Standards. The selected tree species are well-proven to thrive in urban environments and with small areas for roots.

B. *Street Tree Grates*

We suggest the Borough reconsider the requirement for this development to install tree grates. SP-4 District regulations §27-2707.(i), require a walkable tree grate around the base of the new street trees. An arboricultural best management practice of street tree planting has found that unless monitored, grates often girdle street trees. While they do protect against soil compaction around the tree base, in many cases they restrict the area needed for expansion of the tree's root flare and base. Unless they are monitored and removable tree grates are used they may girdle and eventually kill the tree. We recommend the Borough use other methods for covering the planting area instead of a metal tree grate. These could include small 4-foot X 4-foot pavers with opening to allow oxygen and water exchange with the planting area.

Response: The current design complies with the requirements of the SP-4 ordinance.

III. Access and Signage for the Public Plaza

We believe that access and the future use of the plaza by the public could be strengthened by ensuring that signage is provided that describes and illustrates in a drawing the public areas of this project. Access for the public is ensured by the zoning requirements for both use of the parking garage and enjoyment of the public plaza. We recommend the Borough ensure the applicant provide the appropriate wayfinding or directional signage which can ensure public access to the plaza when the public is able to enjoy the plaza. We recommend that wayfinding signage and directional signage should be included in the site plan details as part of the final record plan.

Response: Wayfinding signage will be provided in accordance with Borough Standards and will be coordinated with the Borough.