Naperville Dist. 203 New Transportation Facility

595, W 5th Avenue, Naperville Illinois 60563

Stormwater Report

TWG Project No. 20250400.00
March 31, 2026

Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600
Invoicing: 401 S. Carlton Avenue • Wheaton, IL 60187 | www.thewillgroup.com

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Tab 1

Project Narrative

Naperville District 203 Transportation Facility
595 W. 5th Avenue
Project Narrative
TWG Project No. 20250400.00
Revised 03/31/2026

General

The Naperville School District 203 is planning to complete major improvements to the existing Transportation Center located on W 5th Avenue. The school district currently operates on two parcels on the north side of W 5th Avenue west of the athletic fields and east of Pacific Drive. The proposed improvements will demolish the two existing buildings, reconstruct the existing pavement and expand the surface parking lots to the west. The new improvements will also include a combined garage and office building for operations.

The two parcels will function as one site in the new development. Access points will be relocated to align with access points on the south side of W 5th Avenue. Storm water management will be provided for the site improvements underneath the employee parking lot on the west side of the new building and on surface west of the parking lot. The detention will have a control release structure meeting DuPage County and City of Naperville requirements and will connect directly to the existing storm sewer system in the right-of-way near the intersection of W 5th Avenue and Pacific Drive. Storm sewer on site has been sized to convey the 10-year storm event flowing full.

The site improvements will exceed the 1-acre threshold and will require an NPDES permit for construction sites with the IEPA. The plans indicate the erosion control and the storm water pollution prevention plan has been prepared.

The new building will be served by Naperville water and sanitary sewer. The connection for both water and sewer are located on the east side of the building connecting to mains in the W. 5th Avenue right-of-way.

Stormwater Management

Tributaries

The site is split into two major tributaries, one flowing west and the second flowing east. The east tributary consists of sub-tributary areas 1, 2, 3 and 4 on the proposed tributary plan. The east tributary flows to the NNHS Fitness Addition Phase 1 storm water detention.

However, only 0.13 acres of the total 0.34 acres are calculated in the NNHS Fitness Addition Phase 1 storm water detention. The Proposed Tributary Areas can be seen on E03.

Detention

The proposed storm water detention for the site is provided in the underground StormTrap system as well as on the surface west of the employee parking lot. The system is designed to meet the DuPage County and City of Naperville requirements with a volume of 1.901 ac*ft of detention. The system provides the required volume for the 3.50 acres directly tributary to it (west tributary) and the volume for the 0.21 acres of the east tributary not accounted for to the NNHS Fitness Addition Phase 1 storm water detention.

Control Structure

The control structure for the proposed storm water detention has been designed to DuPage County and City of Naperville Standards for the allowable release rate for the 100-year storm event of 0.384 cfs. This is achieved with a 2.48 in orifice in the baffle wall at invert elevation 692.76 with a discharge of 0.382 cfs. The baffle wall extends to the highwater elevation of 698.47. The baffle wall within the control structure provides the initial overflow routing for events greater than the 100-year event. The control structure calculations can be seen on 72 of the stormwater report.

Overflow Routing

Overflow routing for the storm water detention will be achieved with a dual system. The overflow weir in the control structure does ensure that the proposed detention is not overtopped but does not achieve the DuPage County and City of Naperville ordinance required capacity of 3.84 cfs. To meet these requirements for Overflow Conveyance Discharge an additional weir is proposed overland on the southwest side of the site. The combination of the two weirs will have a discharge of 4.034 cfs at an elevation of 698.69 ensuring water does not discharge onto lots north of the proposed development. These calculations can be seen on page 95 of the Stormwater Report.

Clogged Restrictor Calculation

Calculations are provided for the clogged restrictor event. This is labeled as “100 yr Overflow” in the calculations. This demonstrates the system in the event the orifice is clogged, and the system experiences the 100-year storm event. In this event the high-water elevation is 698.55 with flow of 1.413 cfs. discharging through the weir in the control structure (Catchbasin 02.)

PCBMP

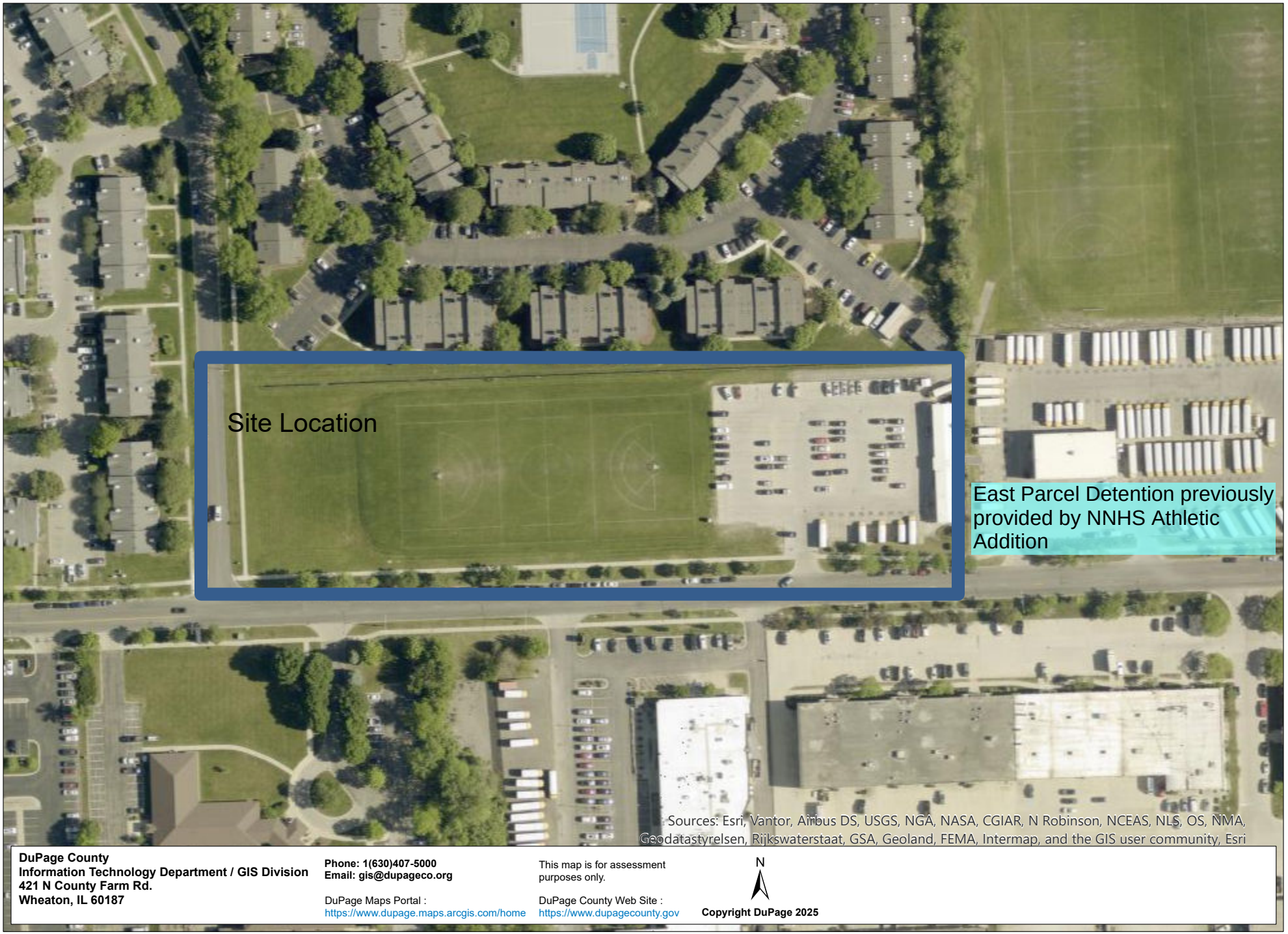
Approximately 115,809 sf of new impervious area is proposed between both lots. This requires an infiltration storage volume of .277 ac*ft. Per City of Naperville the required volumes of the east and west lots are permitted to be combined in the base stone of the StormTrap System. The volume provided is 0.290 ac*ft and is seen on Sheet C8.01 of the plan set.

Tab 2

Maps

Site Location

DuPage Web Mapping Application - DuPage County, Illinois



DuPage County
Information Technology Department / GIS Division
421 N County Farm Rd.
Wheaton, IL 60187

Phone: 1(630)407-5000
Email: gis@dupageco.org

DuPage Maps Portal :
https://www.dupage.maps.arcgis.com/home

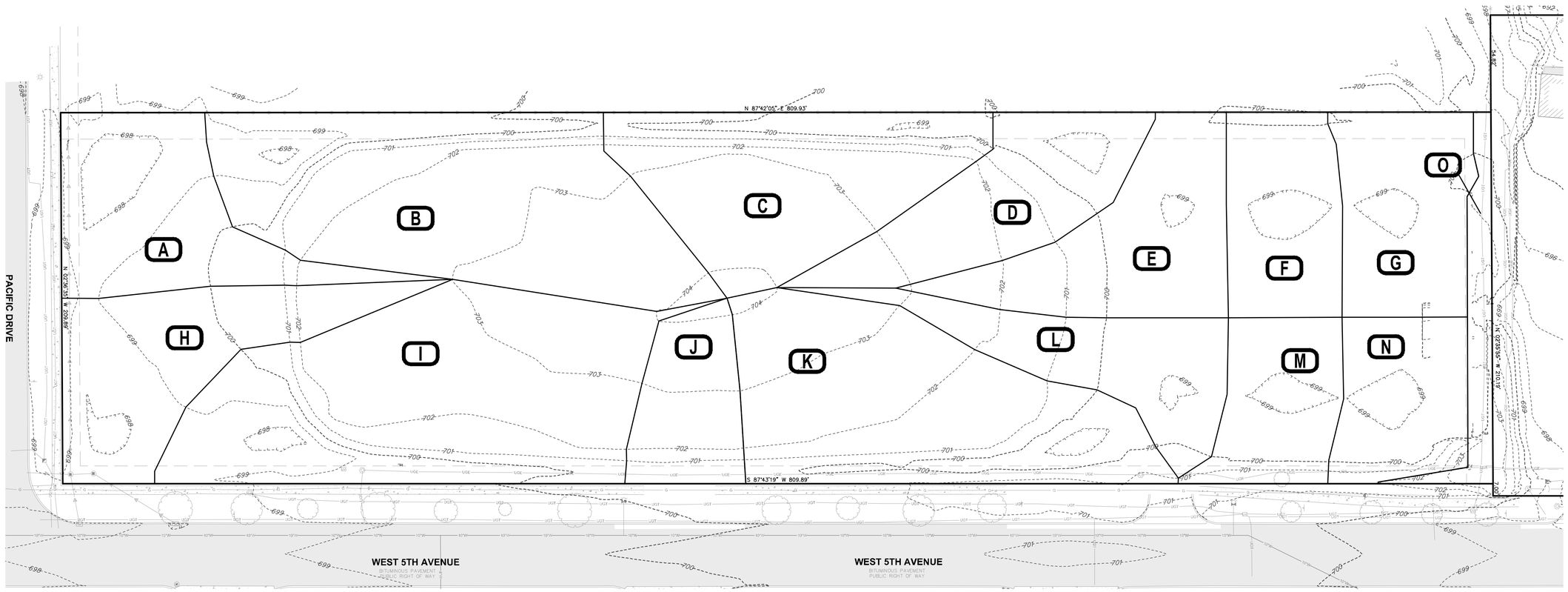
This map is for assessment purposes only.

DuPage County Web Site :
https://www.dupagecounty.gov

N

Tab 3

Existing Drainage Plan



GRAPHIC SCALE
30 0 30
(IN FEET)
1 inch = 30 ft.

Tributary Areas	
Label	Area (ac)
A	0.248
B	0.539
C	0.339
D	0.222
E	0.240
F	0.170
G	0.197
H	0.256
I	0.570
J	0.128
K	0.444
L	0.192
M	0.146
N	0.153
O	0.069

REVISIONS

No.	DATE	DESCRIPTION	BY
0	12-11-2025	THIS EXHIBIT CREATED	M.C.

No.	DATE	DESCRIPTION	BY

DOCUMENTATION:
PROJECT No.: 20250400.00
DATE OF ORIGIN: 10-17-2025
FIELD BOOK: N/A - BY OTHERS
PAGE NUMBER: N/A
DRAWN BY: M.C.
CHECKED BY: J.H.

THE WILL GROUP ENGINEERING
Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600
Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

PROJECT TITLE:
NEW TRANSPORTATION FACILITY
NAPERVILLE COMMUNITY UNIT SCHOOL
DUPAGE COUNTY, ILLINOIS

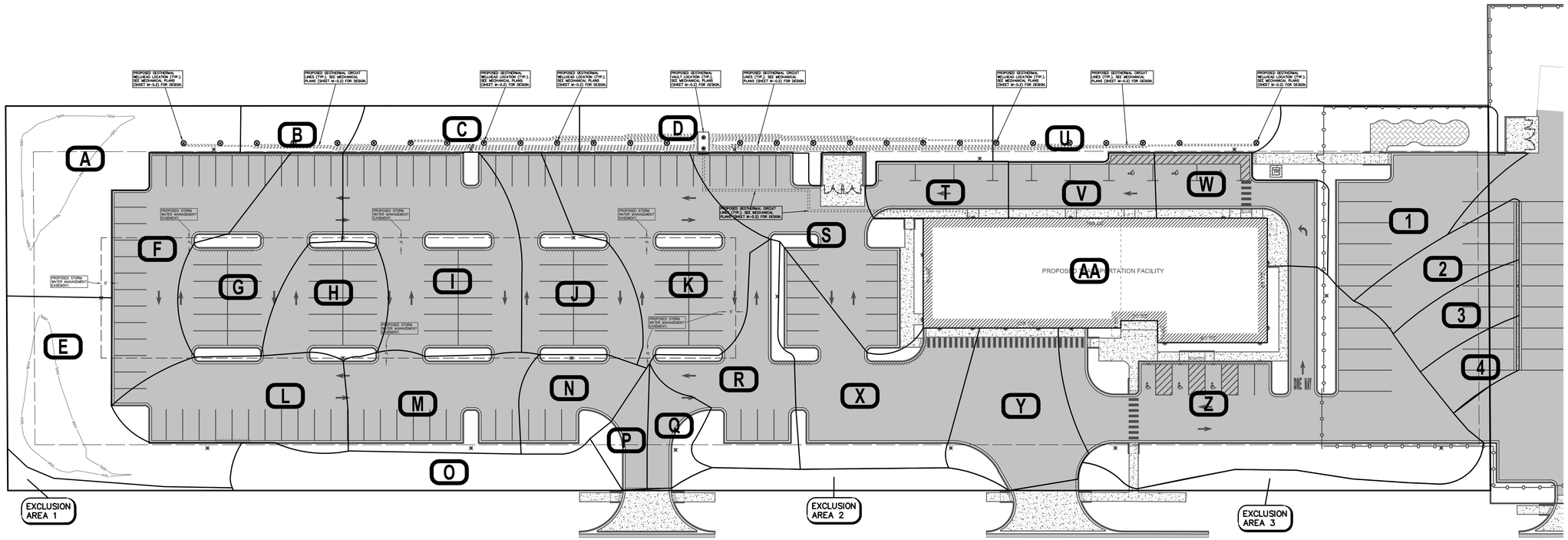
DRAWING TITLE:
EXISTING TRIBUTARY AREAS

DRAWING No.
325-0400-E04
SCALE:
AS NOTED
SHEET NUMBER:
1 OF 1

N:\Tech\2025\0400\Exhibits\E04 - Existing Tributary Areas.dwg, Layout1, 2/19/2026 2:32:29 PM, MichaelChawley

Tab 4

Proposed Drainage Plan



GRAPHIC SCALE
30 0 30
(IN FEET)
1 inch = 30 ft.

Tributary Areas	
Label	Area (ac)
A	0.190
B	0.037
C	0.072
D	0.146
E	0.166
F	0.145
G	0.129
H	0.081
I	0.204
J	0.121
K	0.184
L	0.128
M	0.119
N	0.064
O	0.102
P	0.027
Q	0.034
R	0.113
S	0.170
T	0.053
U	0.099
V	0.059
W	0.083
X	0.172
Y	0.115
Z	0.406
AA	0.268
1	0.201
2	0.059
3	0.045
4	0.034

THE EASTERN LOT PAVEMENT UP TO THE DIVIDING PROPERTY LINE HAS BEEN COVERED PER NNHS FITNESS ADDITION

Excluded Areas	
Label	Area (ac)
1	0.015
2	0.045
3	0.052
Percent of Site Excluded	
2.9%	

REVISIONS

No.	DATE	DESCRIPTION	BY
0	12-11-2025	THIS EXHIBIT CREATED	M.C.
1	01-23-2026	CITY OF NAPERVILLE COMMENTS	M.C.
2	02-20-2026	CITY OF NAPERVILLE COMMENTS	M.C.
3	03-20-2026	CITY OF NAPERVILLE COMMENTS	M.C.

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DRAWING TITLE:
PROPOSED TRIBUTARY AREAS

DRAWING No. 325-0400-E03
SCALE: AS NOTED
SHEET NUMBER: 1 OF 1

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Tab 5
10 Year
StormCAD Calculations

Conduit Table - Time: 0.00 hours

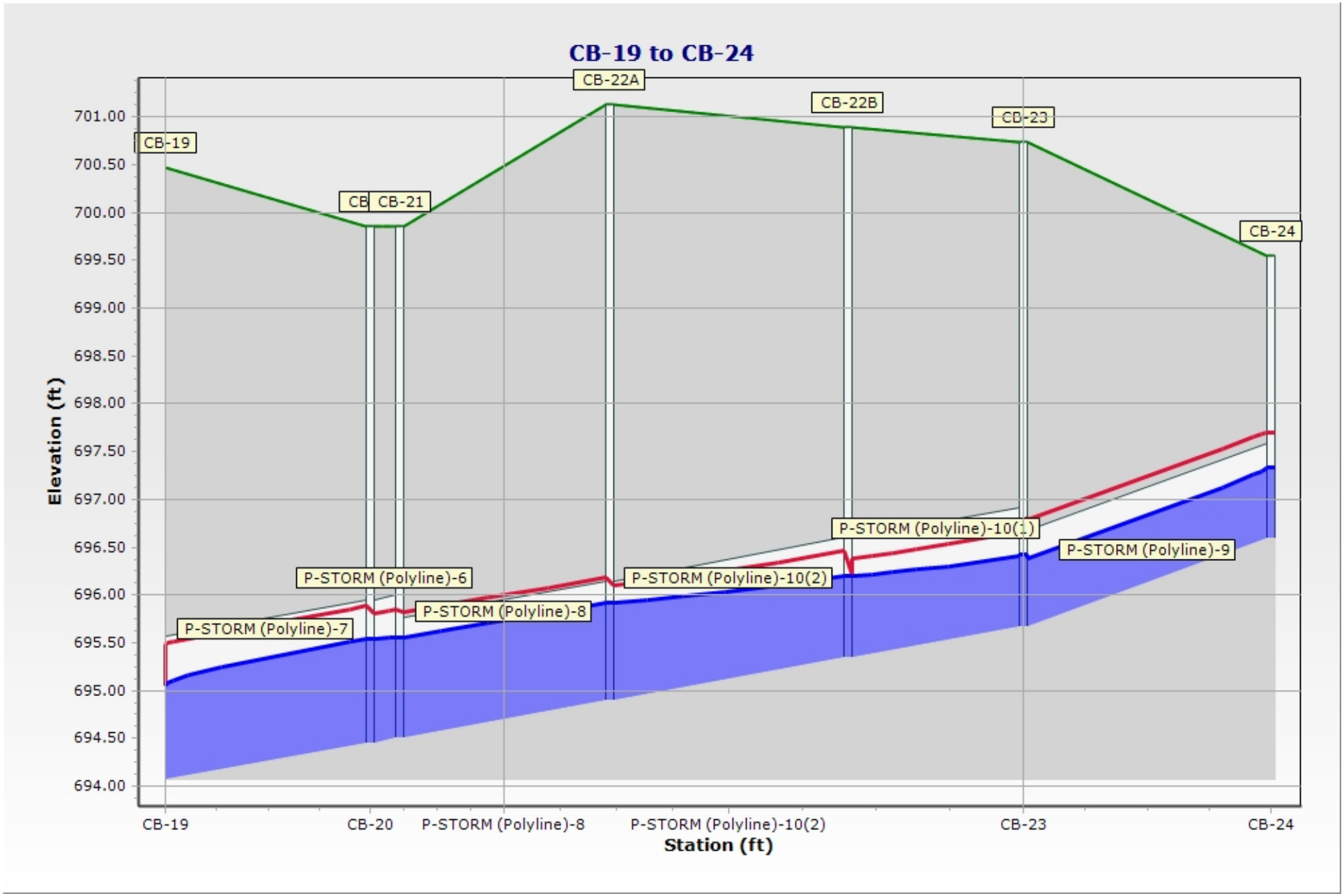
Start Node	Stop Node	Length (ft)	Size	Slope (ft/ft)	Velocity (ft/s)	Flow (cfs)	Capacity (cfs)	Ground (Start) (ft)	Crown (Start) (ft)	HGL (In) (ft)	Invert (Start) (ft)	Ground (Stop) (ft)	Crown (Stop) (ft)	Invert (Stop) (ft)	HGL (Out) (ft)
CB-2	EX-01	8.9	15 inch	0.005	3.98	3.69	4.35	700.45	692.92	692.51	691.67	698.72	692.88	691.63	692.41
CB-21	CB-20	11.0	18 inch	0.005	4.80	5.68	7.76	699.85	696.01	695.56	694.51	699.85	695.95	694.45	695.54
CB-20	CB-19	75.7	18 inch	0.005	4.74	6.49	7.43	699.85	695.95	695.54	694.45	700.47	695.57	694.07	695.06
CB-27	CB-26	15.2	12 inch	0.010	5.10	1.34	4.63	700.00	695.65	695.48	694.65	701.05	695.49	694.49	695.48
CB-26	CB-25	104.0	18 inch	0.005	4.63	5.70	7.43	701.05	695.99	695.48	694.49	700.00	695.47	693.97	694.89
CB-3	CB-2	15.1	15 inch	0.005	4.03	3.70	4.41	697.50	694.08	693.68	692.83	700.45	694.01	692.76	693.54
CB-18	CB-17	25.4	12 inch	0.010	2.64	0.26	3.56	700.54	697.94	697.15	696.94	700.35	697.69	696.69	696.98
CB-17	CB-16	49.8	12 inch	0.005	2.44	0.46	2.52	700.35	697.69	696.98	696.69	701.03	697.45	696.45	696.87
CB-37	CB-36	36.8	12 inch	0.005	3.04	1.02	2.52	696.00	689.39	688.94	688.39	694.72	689.26	688.26	688.92
CB-36	CB-35	91.5	15 inch	0.005	3.83	2.51	4.59	694.72	689.51	688.92	688.26	691.61	689.05	687.80	688.47
CB-39	CB-38	28.7	12 inch	0.010	2.62	0.25	3.56	697.75	689.85	689.06	688.85	696.98	689.56	688.56	688.95
CB-38	CB-37	34.5	12 inch	0.005	2.61	0.59	2.52	696.98	689.56	688.95	688.56	696.00	689.39	688.39	688.94
CB-16	CB-15	34.1	12 inch	0.005	3.00	0.93	2.55	701.03	697.45	696.87	696.45	700.52	697.27	696.27	696.67
CB-8	CB-7	35.1	12 inch	0.005	3.49	1.72	2.55	700.90	696.18	695.78	695.18	701.00	696.00	695.00	695.56
CB-14	CB-13	35.2	12 inch	0.010	3.77	0.89	3.56	700.60	698.15	697.55	697.15	700.55	697.80	696.80	697.14
CB-6	CB-4	37.2	12 inch	0.010	3.99	1.09	3.56	700.50	694.47	693.91	693.47	697.93	694.10	693.10	693.96
CB-4	CB-3	55.8	15 inch	0.005	4.12	3.72	4.53	697.93	694.35	693.96	693.10	697.50	694.08	692.83	693.68
CB-9	CB-8	37.3	12 inch	0.005	2.79	0.77	2.48	698.77	696.36	695.80	695.36	700.90	696.18	695.18	695.78
CB-33	CB-32B	28.0	12 inch	0.010	3.41	0.62	3.56	700.95	697.03	696.36	696.03	701.01	696.73	695.73	696.01
CB-32A	CB-30	86.6	12 inch	0.004	2.55	0.62	2.39	701.05	696.54	695.89	695.54	701.05	696.15	695.15	695.78
CB-31	CB-30	46.2	12 inch	0.005	2.79	0.74	2.52	698.00	696.38	695.80	695.38	701.05	696.15	695.15	695.78
CB-30	CB-28	80.0	12 inch	0.005	3.47	1.77	2.52	701.05	696.15	695.78	695.15	701.05	695.75	694.75	695.58
CB-28	CB-26	51.6	15 inch	0.005	4.03	3.20	4.57	701.05	696.00	695.58	694.75	701.05	695.74	694.49	695.48
CB-35	EX-34	58.3	15 inch	0.005	3.73	2.48	4.45	691.61	689.05	688.47	687.80	690.53	688.77	687.52	688.15
CB-29	CB-28	59.0	12 inch	0.005	3.11	1.09	2.54	698.00	696.05	695.62	695.05	701.05	695.75	694.75	695.58
CB-12	CB-11	62.2	12 inch	0.005	2.56	0.54	2.52	698.50	696.21	695.53	695.21	698.50	695.90	694.90	695.29
CB-11	CB-10	74.9	12 inch	0.005	2.86	0.81	2.52	698.50	695.90	695.29	694.90	700.00	695.53	694.53	694.91
CB-22A	CB-21	77.6	15 inch	0.005	4.24	4.47	4.57	701.13	696.15	695.91	694.90	699.85	695.76	694.51	695.56
CB-24	CB-23	92.8	12 inch	0.010	5.10	3.04	3.56	699.55	697.59	697.34	696.59	700.74	696.67	695.67	696.38
CB-23	CB-22B	61.3	15 inch	0.005	3.95	3.02	4.53	700.74	696.92	696.42	695.67	700.89	696.60	695.35	696.20
CB-5	CB-4	106.0	12 inch	0.013	4.74	1.42	4.09	697.50	695.50	695.01	694.50	697.93	694.10	693.10	693.96
CB-32B	CB-32A	20.5	12 inch	0.010	3.39	0.62	3.54	701.01	696.73	696.06	695.73	701.05	696.54	695.54	695.89
CB-22B	CB-22A	93.7	15 inch	0.005	4.16	3.66	4.59	700.89	696.60	696.20	695.35	701.13	696.15	694.90	695.91
Building Connection	CB-22B	61.2	12 inch	0.005	3.27	0.67	3.27	702.25	696.66	696.20	695.66	700.89	696.35	695.35	696.20

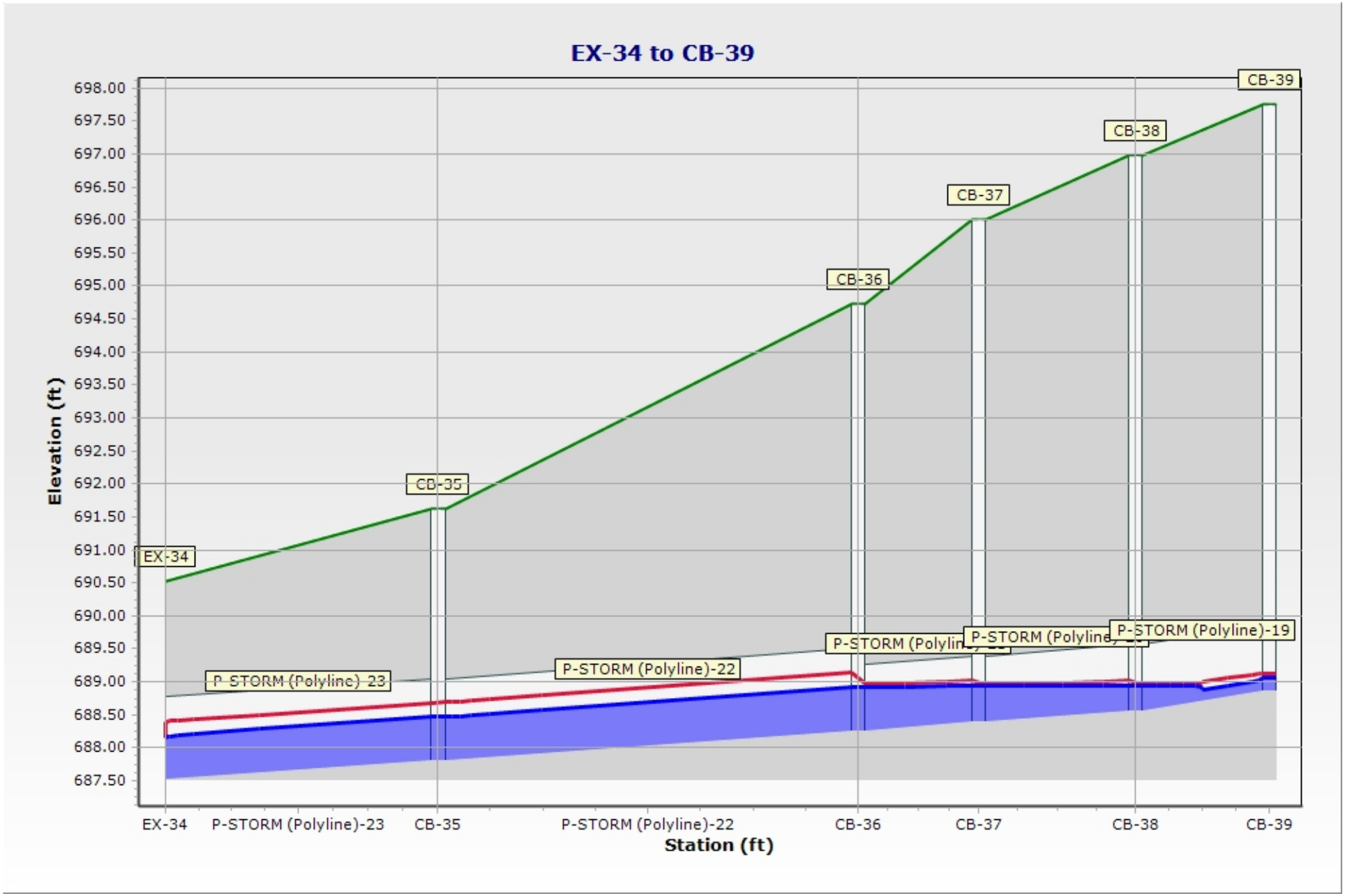
Catch Basin Table - Time: 0.00 hours

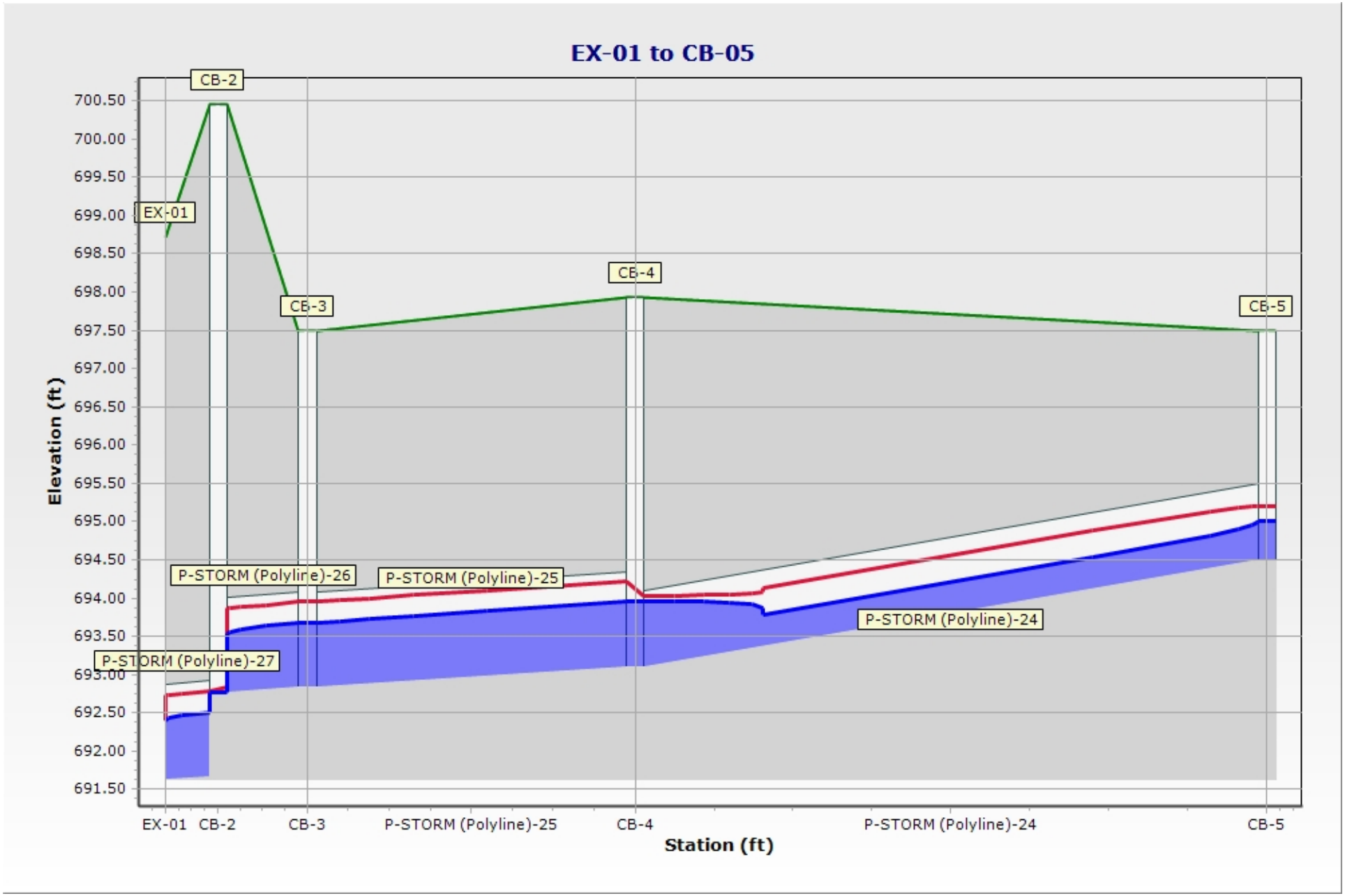
Label	Elevation (Ground) (ft)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Flow (Captured) (cfs)
Building Connection	702.25	702.25	695.66	0.67
CB-2	700.45	700.45	692.76	0.00
CB-3	697.50	697.50	692.83	0.00
CB-4	697.93	697.93	693.10	1.24
CB-5	697.50	697.50	694.50	1.42
CB-6	700.50	700.50	693.47	1.09
CB-8	700.90	700.90	695.18	0.96
CB-9	698.77	698.77	695.36	0.77
CB-11	698.50	698.50	694.90	0.28
CB-12	698.50	698.50	695.21	0.54
CB-14	700.60	700.60	697.15	0.89
CB-16	701.03	701.03	696.45	0.48
CB-17	700.35	700.35	696.69	0.20
CB-18	700.54	700.54	696.94	0.26
CB-20	699.85	699.85	694.45	0.85
CB-21	699.85	699.85	694.51	1.29
CB-22A	701.13	701.13	694.90	0.86
CB-22B	700.89	700.89	695.35	0.00
CB-23	700.74	700.74	695.67	0.00
CB-24	699.55	699.55	696.59	3.04
CB-26	701.05	701.05	694.49	1.27
CB-27	700.00	700.00	694.65	1.34
CB-28	701.05	701.05	694.75	0.40
CB-29	698.00	698.00	695.05	1.09
CB-30	701.05	701.05	695.15	0.44
CB-31	698.00	698.00	695.38	0.74
CB-32A	701.05	701.05	695.54	0.00
CB-32B	701.01	701.01	695.73	0.00
CB-33	700.95	700.95	696.03	0.62
CB-35	691.61	691.61	687.80	0.00
CB-36	694.72	694.72	688.26	1.51
CB-37	696.00	696.00	688.39	0.44
CB-38	696.98	696.98	688.56	0.34
CB-39	697.75	697.75	688.85	0.25

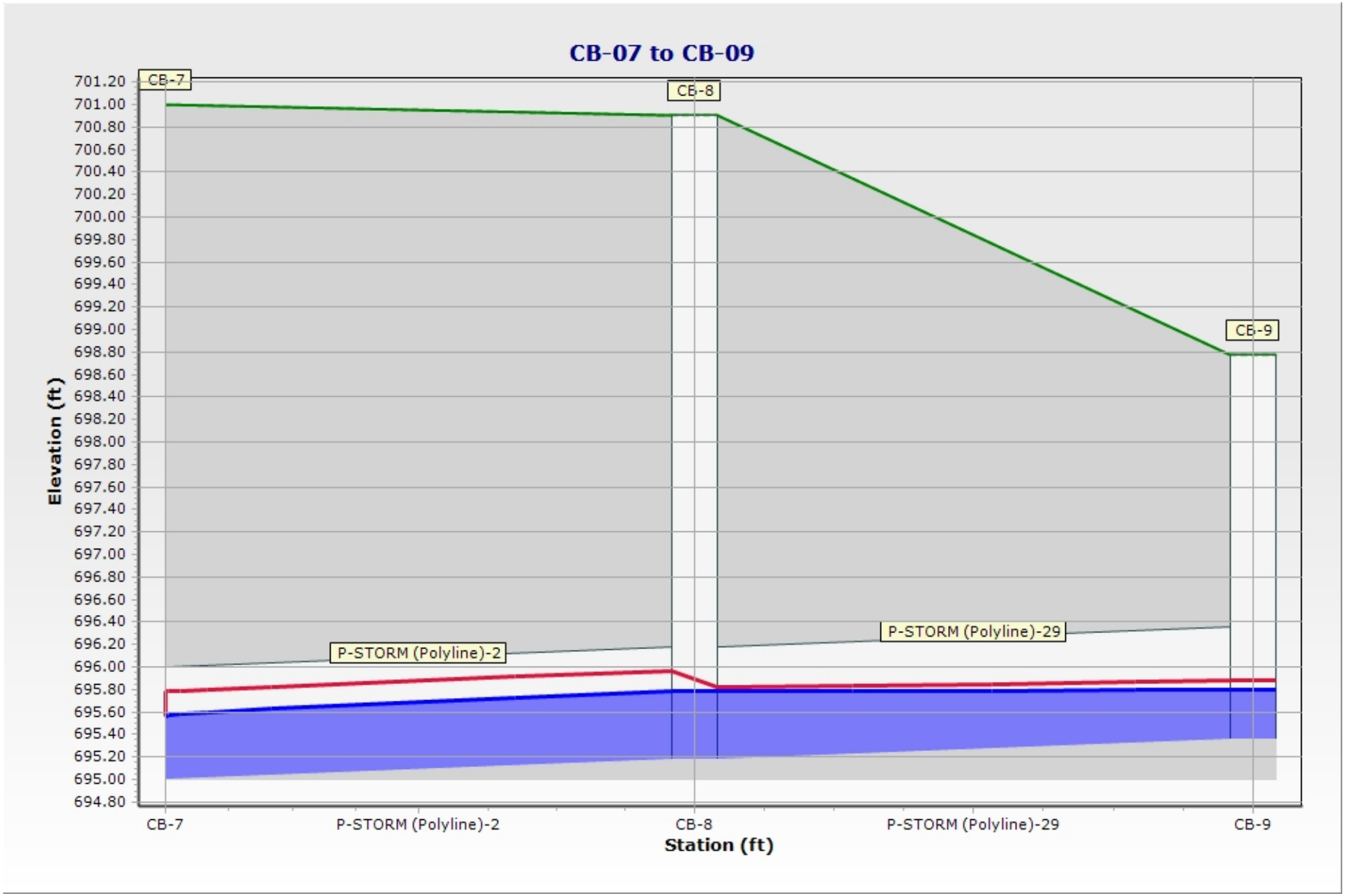
Catchment Table - Time: 0.00 hours

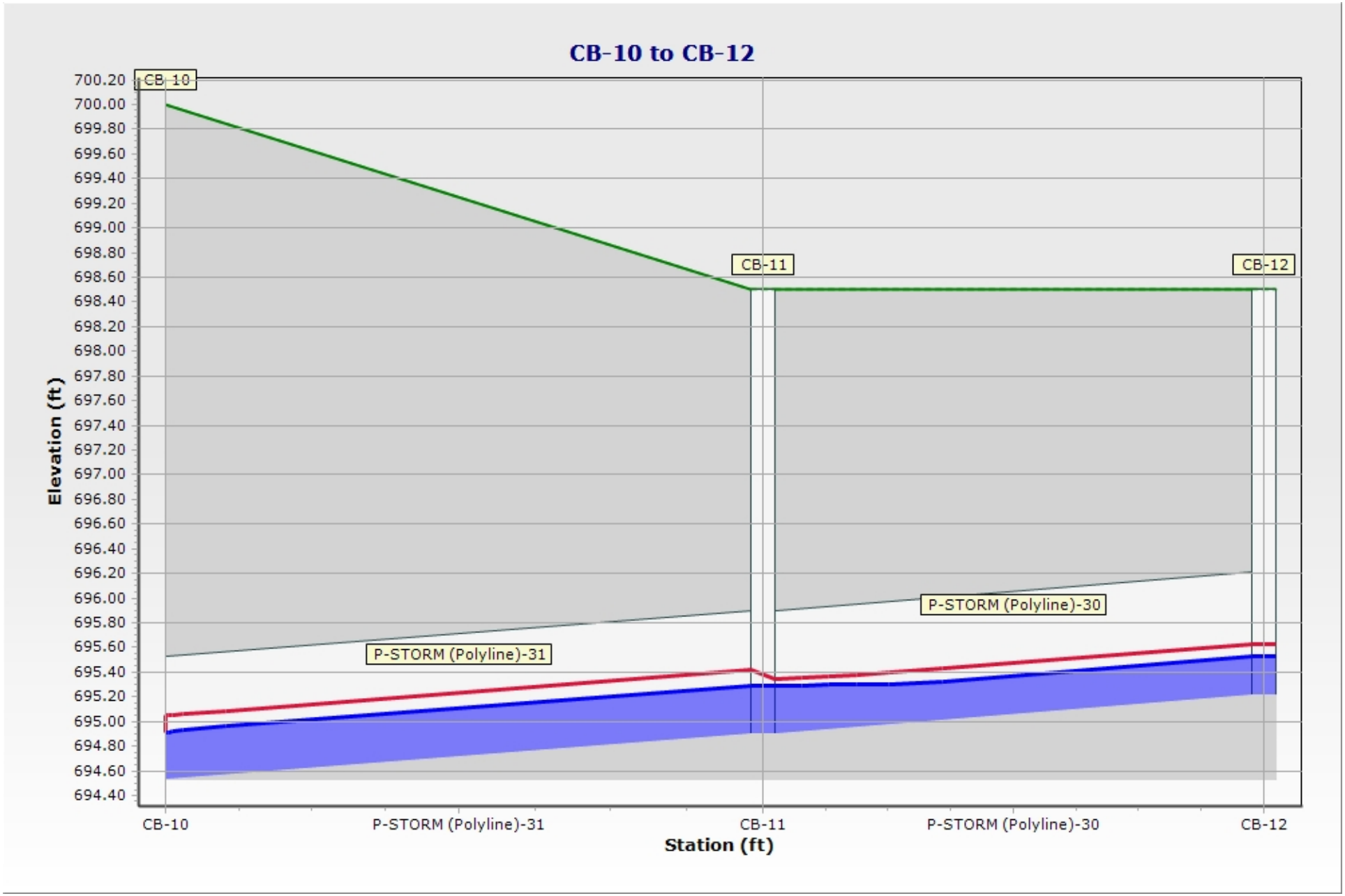
Label	Outflow Element	Area (User Defined) (acres)	Runoff Coefficient (Rational)	Time of Concentration (hours)	Flow (Total Out) (cfs)
1	CB-36	0.201	1.000	0.083	1.51
2	CB-37	0.059	1.000	0.083	0.44
3	CB-38	0.045	1.000	0.083	0.34
4	CB-39	0.034	1.000	0.083	0.25
A	CB-5	0.190	1.000	0.083	1.42
AA1	CB-27	0.179	1.000	0.083	1.34
AA2	Building Connection	0.089	1.000	0.083	0.67
B	CB-11	0.037	1.000	0.083	0.28
C	CB-12	0.072	1.000	0.083	0.54
D	CB-29	0.146	1.000	0.083	1.09
E	CB-4	0.166	1.000	0.083	1.24
F	CB-6	0.145	1.000	0.083	1.09
G	CB-7	0.129	1.000	0.083	0.97
H	CB-10A	0.081	1.000	0.083	0.60
I	CB-13	0.204	1.000	0.083	1.53
J	CB-15	0.121	1.000	0.083	0.91
K	CB-19	0.184	1.000	0.083	1.38
L	CB-8	0.128	1.000	0.083	0.96
M	CB-14	0.119	1.000	0.083	0.89
N	CB-16	0.064	1.000	0.083	0.48
O	CB-9	0.102	1.000	0.083	0.77
P	CB-17	0.027	1.000	0.083	0.20
Q	CB-18	0.034	1.000	0.083	0.26
R	CB-20	0.113	1.000	0.083	0.85
S	CB-26	0.170	1.000	0.083	1.27
T	CB-28	0.053	1.000	0.083	0.40
U	CB-31	0.099	1.000	0.083	0.74
V	CB-30	0.059	1.000	0.083	0.44
W	CB-33	0.083	1.000	0.083	0.62
X	CB-21	0.172	1.000	0.083	1.29
Y	CB-22A	0.115	1.000	0.083	0.86
Z	CB-24	0.406	1.000	0.083	3.04


CB-19 to CB-24
CB-22A
CB-22B
CB-23
CB-19
CB-21
CB-24
701.00
700.50
700.00
699.50
699.00
698.50
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
Elevation (ft)
P-STORM (Polyline)-10(1)
P-STORM (Polyline)-9
P-STORM (Polyline)-6
P-STORM (Polyline)-10(2)
P-STORM (Polyline)-8
P-STORM (Polyline)-7
CB-19
CB-20
P-STORM (Polyline)-8
P-STORM (Polyline)-10(2)
CB-23
CB-24
Station (ft)


EX-34 to CB-39
Elevation (ft)
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
693.50
693.00
692.50
692.00
691.50
691.00
690.50
690.00
689.50
689.00
688.50
688.00
687.50
EX-34
CB-35
CB-36
CB-37
CB-38
CB-39
P-STORM (Polyline)-23
P-STORM (Polyline)-22
P-STORM (Polyline)-19
EX-34
P-STORM (Polyline)-23
CB-35
P-STORM (Polyline)-22
CB-36
CB-37
CB-38
CB-39
Station (ft)


EX-01 to CB-05
CB-2
EX-01
CB-3
CB-4
CB-5
P-STORM (Polyline)-26
P-STORM (Polyline)-25
P-STORM (Polyline)-24
P-STORM (Polyline)-27
Elevation (ft)
700.50
700.00
699.50
699.00
698.50
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
693.50
693.00
692.50
692.00
691.50
EX-01
CB-2
CB-3
P-STORM (Polyline)-25
CB-4
P-STORM (Polyline)-24
CB-5
Station (ft)


CB-07 to CB-09
CB-7
CB-8
CB-9
P-STORM (Polyline)-2
P-STORM (Polyline)-29
Elevation (ft)
701.20
701.00
700.80
700.60
700.40
700.20
700.00
699.80
699.60
699.40
699.20
699.00
698.80
698.60
698.40
698.20
698.00
697.80
697.60
697.40
697.20
697.00
696.80
696.60
696.40
696.20
696.00
695.80
695.60
695.40
695.20
695.00
694.80
CB-7
P-STORM (Polyline)-2
CB-8
P-STORM (Polyline)-29
CB-9
Station (ft)


CB-10 to CB-12
CB-10
CB-11
CB-12
P-STORM (Polyline)-30
P-STORM (Polyline)-31
Elevation (ft)
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700.00
699.80
699.60
699.40
699.20
699.00
698.80
698.60
698.40
698.20
698.00
697.80
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696.20
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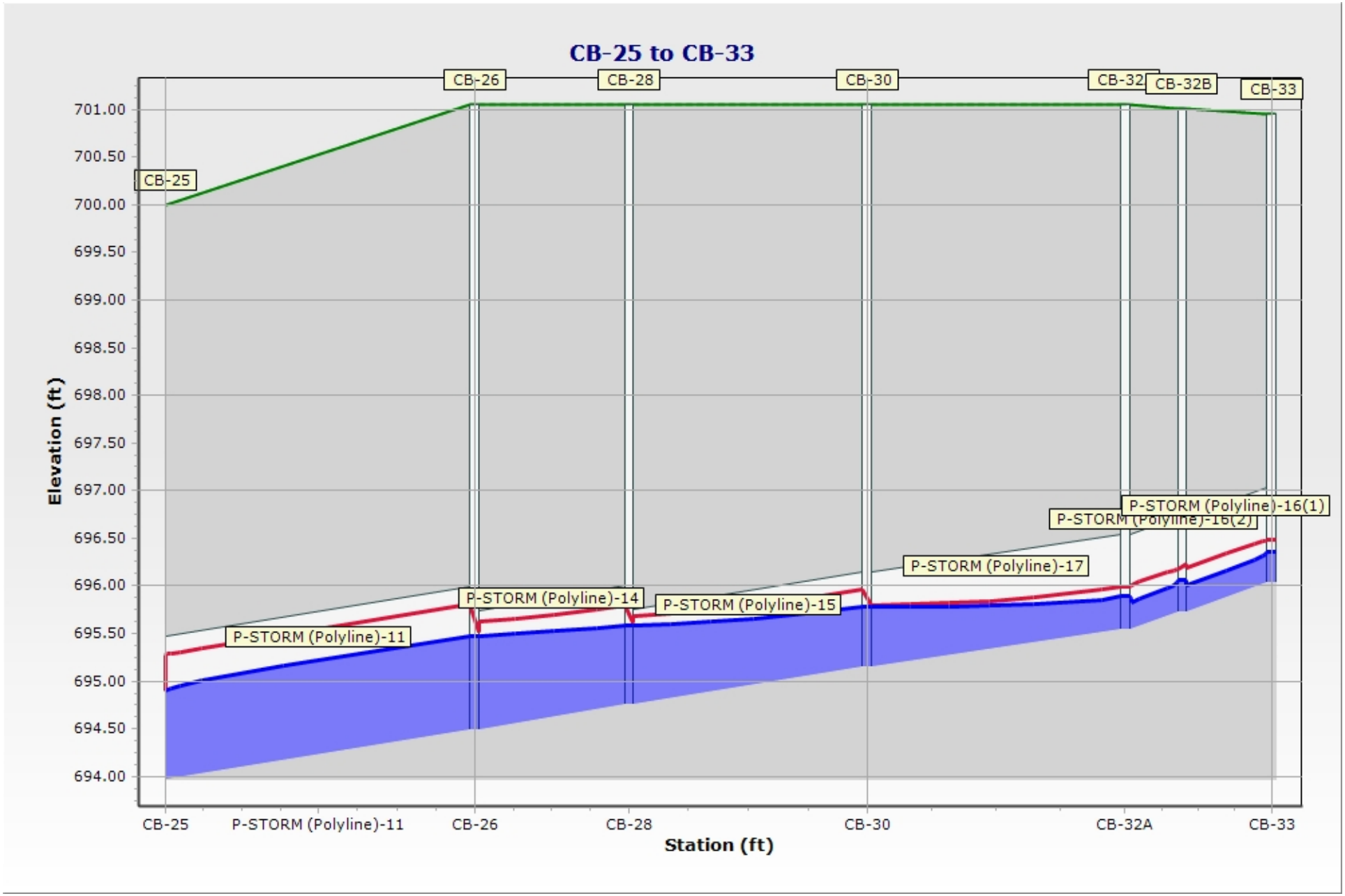
CB-10
P-STORM (Polyline)-31
CB-11
P-STORM (Polyline)-30
CB-12
Station (ft)


CB-25 to CB-33
CB-26
CB-28
CB-30
CB-32
CB-32B
CB-33
CB-25
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700.00
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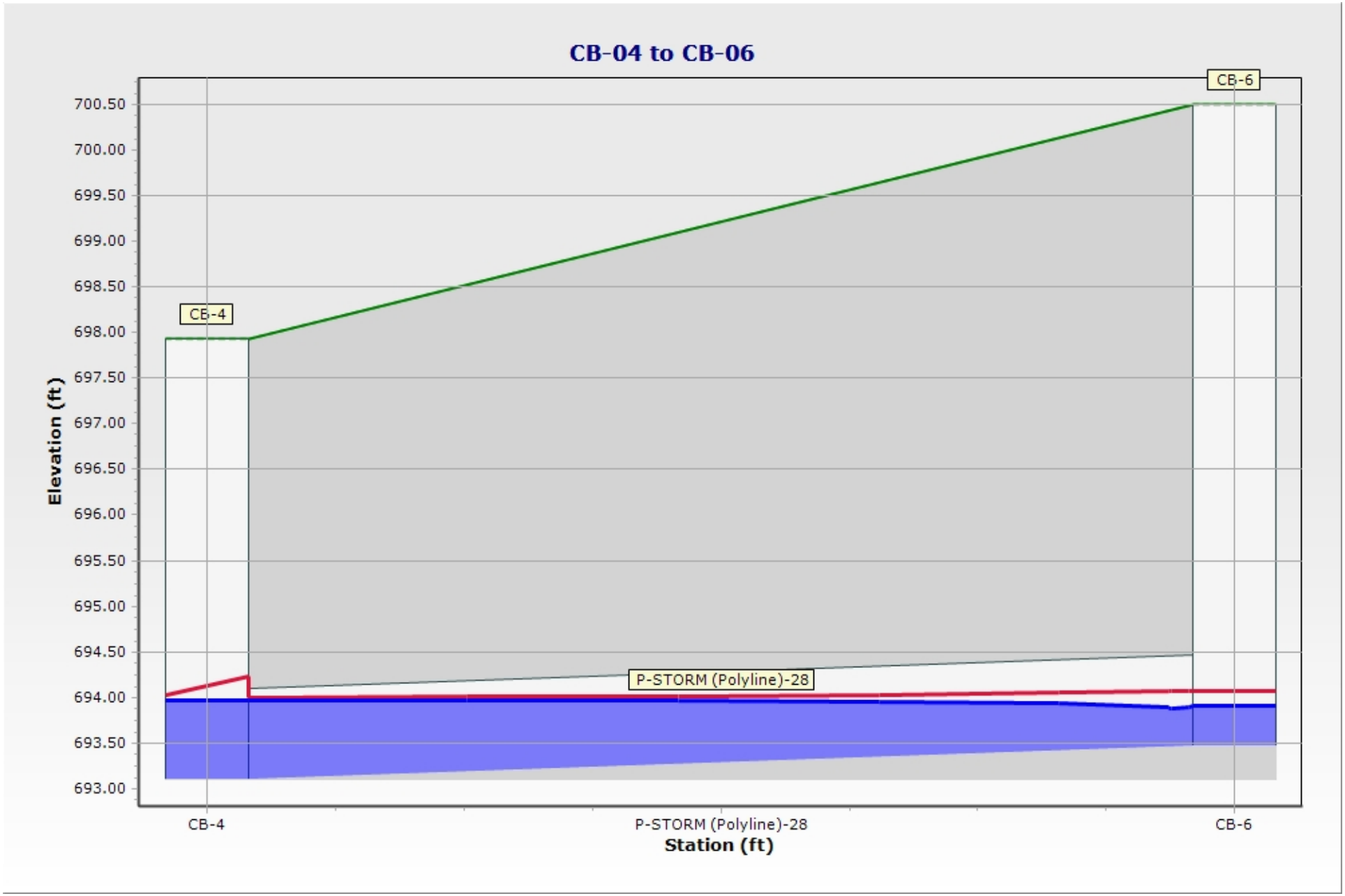
699.00
698.50
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
Elevation (ft)
P-STORM (Polyline)-16(1)
P-STORM (Polyline)-16(2)
P-STORM (Polyline)-17
P-STORM (Polyline)-14
P-STORM (Polyline)-15
P-STORM (Polyline)-11
CB-25
P-STORM (Polyline)-11
CB-26
CB-28
CB-30
CB-32A
CB-33
Station (ft)


CB-04 to CB-06
CB-6
CB-4
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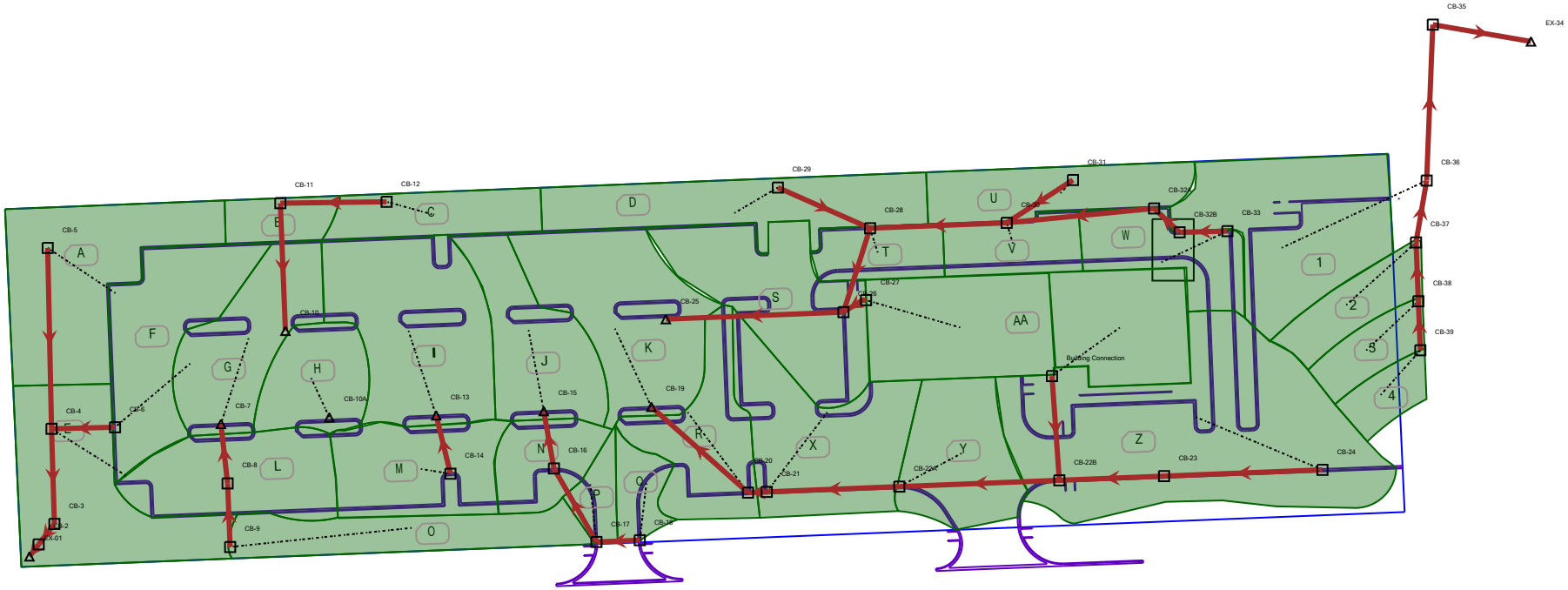
700.00
699.50
699.00
698.50
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
693.50
693.00
Elevation (ft)
P-STORM (Polyline)-28
CB-4
P-STORM (Polyline)-28
CB-6
Station (ft)

Site

Site


CB-35
EX-34
CB-36
CB-37
CB-38
CB-39
CB-11
CB-12
CB-29
CB-31
CB-28
CB-32
CB-32B
CB-33
CB-5
CB-10
CB-25
CB-27
CB-26
CB-19
CB-4
CB-6
CB-7
CB-10A
CB-13
CB-15
CB-8
CB-14
CB-16
CB-20
CB-21
CB-24
CB-22B
CB-23
CB-3
CB-2
EX-01
CB-9
CB-17
CB-18
Building Connection
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z
AA
1
2
3
4

Tab 6
100 Year
StormCAD Calculations

Conduit Table - Time: 0.00 hours

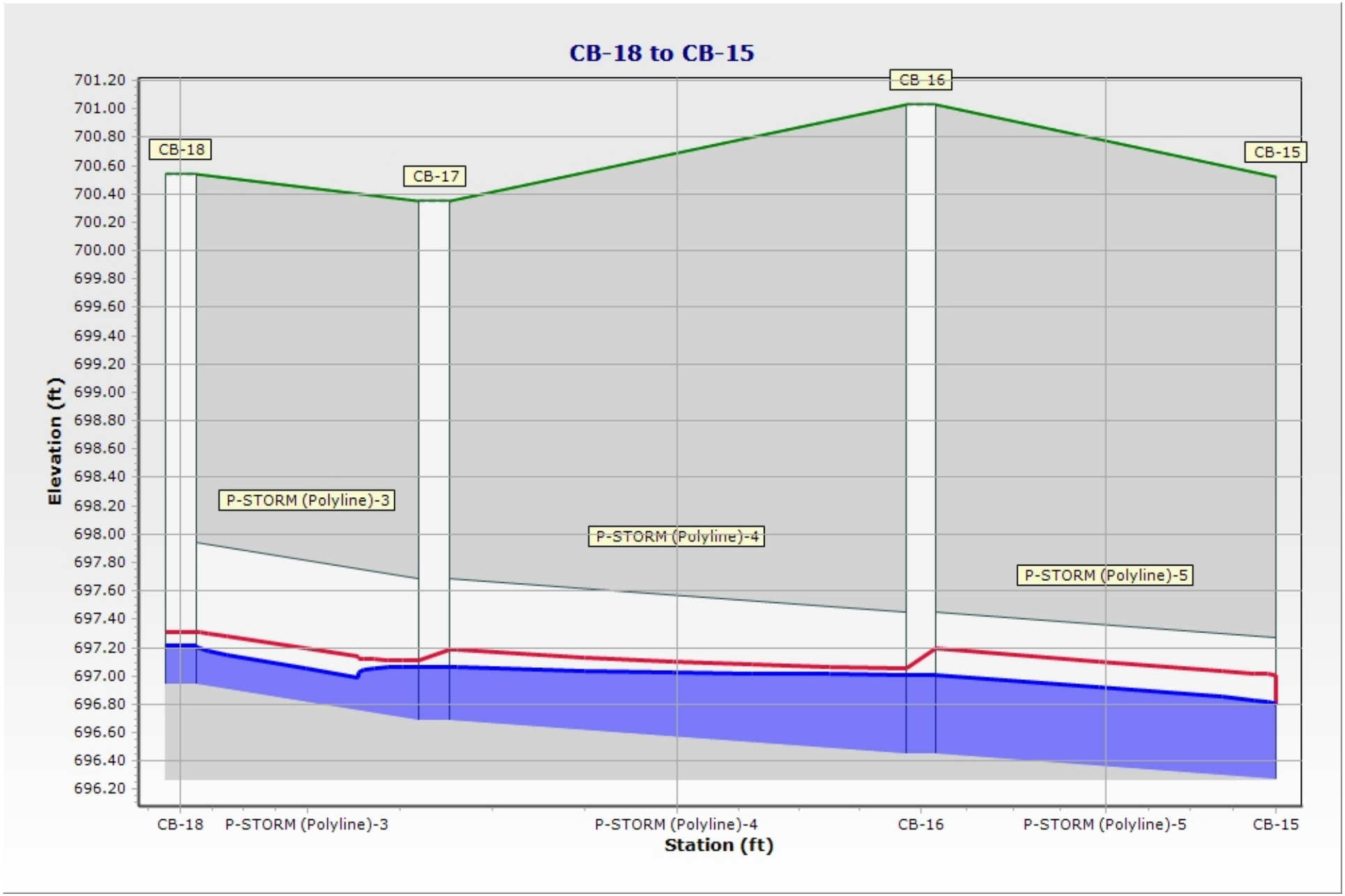
Start Node	Stop Node	Length (ft)	Size	Slope (ft/ft)	Velocity (ft/s)	Flow (cfs)	Capacity (cfs)	Ground (Start) (ft)	Crown (Start) (ft)	HGL (In) (ft)	Invert (Start) (ft)	Ground (Stop) (ft)	Crown (Stop) (ft)	Invert (Stop) (ft)	HGL (Out) (ft)
CB-2	EX-01	8.9	15 inch	0.005	5.01	6.15	4.35	700.45	692.92	692.81	691.67	698.72	692.88	691.63	692.63
CB-3	CB-2	15.1	15 inch	0.005	5.02	6.16	4.41	697.50	694.08	694.00	692.83	700.45	694.01	692.76	693.76
CB-18	CB-17	25.4	12 inch	0.010	3.06	0.43	3.56	700.54	697.94	697.21	696.94	700.35	697.69	696.69	697.07
CB-17	CB-16	49.8	12 inch	0.005	2.81	0.76	2.52	700.35	697.69	697.07	696.69	701.03	697.45	696.45	697.01
CB-16	CB-15	34.1	12 inch	0.005	3.41	1.55	2.55	701.03	697.45	697.01	696.45	700.52	697.27	696.27	696.80
CB-6	CB-4	37.2	12 inch	0.010	2.30	1.81	3.56	700.50	694.47	694.61	693.47	697.93	694.10	693.10	694.51
CB-4	CB-3	55.8	15 inch	0.005	5.04	6.19	4.53	697.93	694.35	694.51	693.10	697.50	694.08	692.83	694.00
CB-5	CB-4	106.0	12 inch	0.013	5.40	2.36	4.09	697.50	695.50	695.16	694.50	697.93	694.10	693.10	694.51

Catch Basin Table - Time: 0.00 hours

Label	Elevation (Ground) (ft)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Flow (Captured) (cfs)
CB-2	700.45	700.45	692.76	0.00
CB-3	697.50	697.50	692.83	0.00
CB-4	697.93	697.93	693.10	2.07
CB-5	697.50	697.50	694.50	2.36
CB-6	700.50	700.50	693.47	1.81
CB-16	701.03	701.03	696.45	0.79
CB-17	700.35	700.35	696.69	0.34
CB-18	700.54	700.54	696.94	0.43

Catchment Table - Time: 0.00 hours

Label	Outflow Element	Area (User Defined) (acres)	Runoff Coefficient (Rational)	Time of Concentration (hours)	Flow (Total Out) (cfs)
P	CB-17	0.027	1.000	0.083	0.34
Q	CB-18	0.034	1.000	0.083	0.43


CB-18 to CB-15
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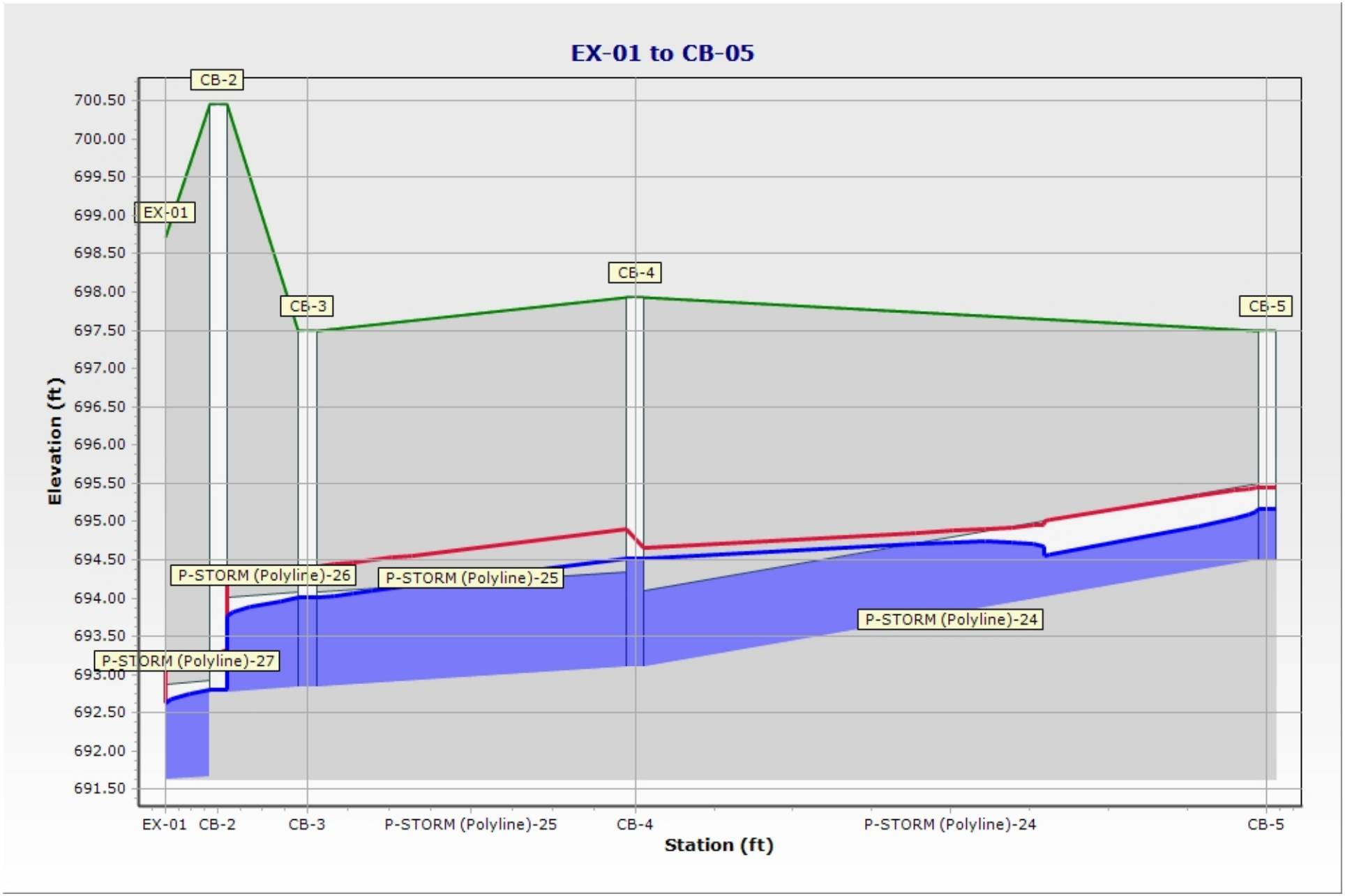
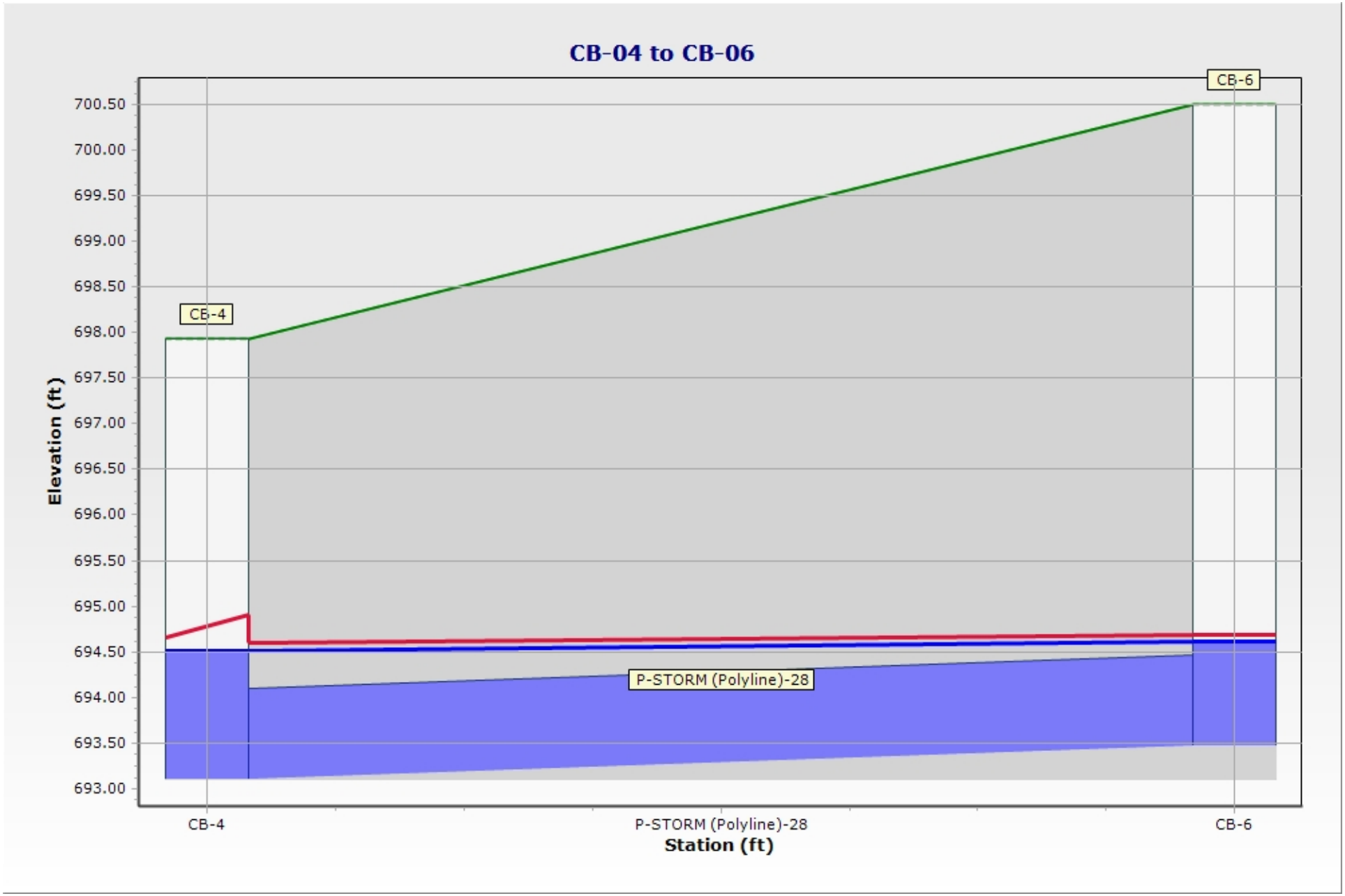
700.80
700.60
700.40
700.20
700.00
699.80
699.60
699.40
699.20
699.00
698.80
698.60
698.40
698.20
698.00
697.80
697.60
697.40
697.20
697.00
696.80
696.60
696.40
696.20
Elevation (ft)
CB-18
CB-17
CB-16
CB-15
P-STORM (Polyline)-3
P-STORM (Polyline)-4
P-STORM (Polyline)-5
CB-18
P-STORM (Polyline)-3
P-STORM (Polyline)-4
CB-16
P-STORM (Polyline)-5
CB-15
Station (ft)


EX-01 to CB-05
CB-2
EX-01
CB-3
CB-4
CB-5
P-STORM (Polyline)-26
P-STORM (Polyline)-25
P-STORM (Polyline)-24
P-STORM (Polyline)-27
Elevation (ft)
700.50
700.00
699.50
699.00
698.50
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
693.50
693.00
692.50
692.00
691.50
EX-01
CB-2
CB-3
P-STORM (Polyline)-25
CB-4
P-STORM (Polyline)-24
CB-5
Station (ft)


CB-04 to CB-06
CB-6
CB-4
700.50
700.00
699.50
699.00
698.50
698.00
697.50
697.00
696.50
696.00
695.50
695.00
694.50
694.00
693.50
693.00
Elevation (ft)
P-STORM (Polyline)-28
CB-4
P-STORM (Polyline)-28
CB-6
Station (ft)

Tab 7

PondPack Calculations

Project Summary	
Title	Naperville Dist 203 New Transportation Facility
Engineer	JPH PE, MRC EIT
Company	TWG Engineering
Date	12/16/2025

Notes

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Table of Contents

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft^3/s)
Site Area	100yr	100	2.385	15.600	3.512
Site Area	100yr Overflow	100	2.385	15.600	3.512

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft^3/s)
O-1	100yr	100	0.844	24.050	0.382
O-1	100yr Overflow	100	0.485	18.050	1.413

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
PO-1 (IN)	100yr	100	2.385	15.600	3.512	(N/A)	(N/A)
PO-1 (OUT)	100yr	100	0.844	24.050	0.382	698.47	1.901
PO-1 (IN)	100yr Overflow	100	2.385	15.600	3.512	(N/A)	(N/A)
PO-1 (OUT)	100yr Overflow	100	0.485	18.050	1.413	698.55	1.932

Subsection: Time-Depth Curve
Label: Huff Quartile
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time-Depth Curve: 100 Yr	
Label	100 Yr
Start Time	0.000 hours
Increment	0.240 hours
End Time	24.000 hours
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.240 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	0.1	0.1	0.2	0.2
1.200	0.3	0.3	0.4	0.4	0.5
2.400	0.5	0.6	0.6	0.7	0.7
3.600	0.8	0.8	0.9	0.9	1.0
4.800	1.0	1.1	1.1	1.2	1.3
6.000	1.3	1.4	1.4	1.5	1.6
7.200	1.6	1.7	1.8	1.8	1.9
8.400	2.0	2.0	2.1	2.2	2.3
9.600	2.3	2.4	2.5	2.6	2.7
10.800	2.8	2.8	2.9	3.0	3.1
12.000	3.3	3.4	3.5	3.6	3.7
13.200	3.9	4.1	4.3	4.5	4.7
14.400	4.9	5.1	5.3	5.6	5.8
15.600	6.0	6.2	6.3	6.5	6.6
16.800	6.8	6.9	7.0	7.1	7.2
18.000	7.3	7.4	7.4	7.5	7.6
19.200	7.6	7.7	7.7	7.8	7.8
20.400	7.9	7.9	8.0	8.0	8.1
21.600	8.1	8.2	8.2	8.2	8.3
22.800	8.3	8.4	8.4	8.5	8.5
24.000	8.6	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve
Label: Huff Quartile
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time-Depth Curve: 100 Yr	
Label	100 Yr
Start Time	0.000 hours
Increment	0.240 hours
End Time	24.000 hours
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.240 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	0.1	0.1	0.2	0.2
1.200	0.3	0.3	0.4	0.4	0.5
2.400	0.5	0.6	0.6	0.7	0.7
3.600	0.8	0.8	0.9	0.9	1.0
4.800	1.0	1.1	1.1	1.2	1.3
6.000	1.3	1.4	1.4	1.5	1.6
7.200	1.6	1.7	1.8	1.8	1.9
8.400	2.0	2.0	2.1	2.2	2.3
9.600	2.3	2.4	2.5	2.6	2.7
10.800	2.8	2.8	2.9	3.0	3.1
12.000	3.3	3.4	3.5	3.6	3.7
13.200	3.9	4.1	4.3	4.5	4.7
14.400	4.9	5.1	5.3	5.6	5.8
15.600	6.0	6.2	6.3	6.5	6.6
16.800	6.8	6.9	7.0	7.1	7.2
18.000	7.3	7.4	7.4	7.5	7.6
19.200	7.6	7.7	7.7	7.8	7.8
20.400	7.9	7.9	8.0	8.0	8.1
21.600	8.1	8.2	8.2	8.2	8.3
22.800	8.3	8.4	8.4	8.5	8.5
24.000	8.6	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Unit Hydrograph Equations

Unit Hydrograph Method (Computational Notes)

Definition of Terms

At	Total area (acres): At = Ai+Ap
Ai	Impervious area (acres)
Ap	Pervious area (acres)
CNi	Runoff curve number for impervious area
CNp	Runoff curve number for pervious area
fLoss	f loss constant infiltration (depth/time)
gKs	Saturated Hydraulic Conductivity (depth/time)
Md	Volumetric Moisture Deficit
Psi	Capillary Suction (length)
hK	Horton Infiltration Decay Rate (time^-1)
fo	Initial Infiltration Rate (depth/time)
fc	Ultimate(capacity)Infiltration Rate (depth/time)
Ia	Initial Abstraction (length)
dt	Computational increment (duration of unit excess rainfall) Default dt is smallest value of 0.1333Tc, rtm, and th (Smallest dt is then adjusted to match up with Tp)
UDdt	User specified override computational main time increment (only used if UDdt is => .1333Tc)
D(t)	Point on distribution curve (fraction of P) for time step t
K	2 / (1 + (Tr/Tp)): default K = 0.75: (for Tr/Tp = 1.67)
Ks	Hydrograph shape factor = Unit Conversions * K: = ((1hr/3600sec) * (1ft/12in) * ((5280ft)**2/sq.mi)) * K Default Ks = 645.333 * 0.75 = 484
Lag	Lag time from center of excess runoff (dt) to Tp: Lag = 0.6Tc
P	Total precipitation depth, inches
Pa(t)	Accumulated rainfall at time step t
Pi(t)	Incremental rainfall at time step t
qp	Peak discharge (cfs) for 1in. runoff, for 1hr, for 1 sq.mi. = (Ks * A * Q) / Tp (where Q = 1in. runoff, A=sq.mi.)
Qu(t)	Unit hydrograph ordinate (cfs) at time step t
Q(t)	Final hydrograph ordinate (cfs) at time step t
Rai(t)	Accumulated runoff (inches) at time step t for impervious area
Rap(t)	Accumulated runoff (inches) at time step t for pervious area
Rii(t)	Incremental runoff (inches) at time step t for impervious area
Rip(t)	Incremental runoff (inches) at time step t for pervious area
R(t)	Incremental weighted total runoff (inches)
Rtm	Time increment for rainfall table
Si	S for impervious area: Si = (1000/CNi) - 10
Sp	S for pervious area: Sp = (1000/CNp) - 10
t	Time step (row) number
Tc	Time of concentration
Tb	Time (hrs) of entire unit hydrograph: Tb = Tp + Tr
Tp	Time (hrs) to peak of a unit hydrograph: Tp = (dt/2) + Lag
Tr	Time (hrs) of receding limb of unit hydrograph: Tr = ratio of Tp

Subsection: Unit Hydrograph Equations

Unit Hydrograph Method
Computational Notes
Precipitation

Column (1)	Time for time step t
Column (2)	D(t) = Point on distribution curve for time step t
Column (3)	Pi(t) = Pa(t) - Pa(t-1): Col.(4) - Preceding Col.(4)
Column (4)	Pa(t) = D(t) x P: Col.(2) x P

Pervious Area Runoff (using SCS Runoff CN Method)

Column (5)	Rap(t) = Accumulated pervious runoff for time step t
	If (Pa(t) is <= 0.2Sp) then use: Rap(t) = 0.0
	If (Pa(t) is > 0.2Sp) then use:
	
	Rap(t) = (Col.(4)-0.2Sp)**2 / (Col.(4)+0.8Sp)

Column (6)	Rip(t) = Incremental pervious runoff for time step t Rip(t) = Rap(t) - Rap(t-1) Rip(t) = Col.(5) for current row - Col.(5) for preceding row.

Impervious Area Runoff

Column (7 & 8)...	Did not specify to use impervious areas.

Incremental Weighted Runoff

Column (9)	R(t) = (Ap/At) x Rip(t) + (Ai/At) x Rii(t) R(t) = (Ap/At) x Col.(6) + (Ai/At) x Col.(8)

SCS Unit Hydrograph Method

Column (10)	Q(t) is computed with the SCS unit hydrograph method using R(t) and Qu(t).

Storm Event	100 Yr
Return Event	100 years
Duration	36.000 hours
Depth	8.6 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.8400 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	15.600 hours
Flow (Peak, Computed)	3.512 ft³/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	15.600 hours
Flow (Peak Interpolated Output)	3.512 ft³/s

Drainage Area	
SCS CN (Composite)	90.716
Area (User Defined)	3.8400 acres
Maximum Retention (Pervious)	1.0 in
Maximum Retention (Pervious, 20 percent)	0.2 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	7.5 in
Runoff Volume (Pervious)	2.385 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2.385 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	52.211 ft³/s

Subsection: Unit Hydrograph Summary
Label: Site Area
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

SCS Unit Hydrograph Parameters	
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph (Hydrograph Table) Return Event: 100 years
Label: Site Area Storm Event: 100 Yr
Scenario: 100yr Overflow

Storm Event	100 Yr
Return Event	100 years
Duration	36.000 hours
Depth	8.6 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.8400 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
0.950	0.001	0.009	0.024	0.040	0.055
1.200	0.071	0.085	0.099	0.112	0.125
1.450	0.138	0.151	0.163	0.175	0.186
1.700	0.197	0.206	0.216	0.225	0.235
1.950	0.245	0.254	0.263	0.272	0.280
2.200	0.289	0.297	0.305	0.313	0.321
2.450	0.328	0.335	0.342	0.349	0.356
2.700	0.363	0.369	0.376	0.382	0.388
2.950	0.394	0.400	0.405	0.411	0.417
3.200	0.427	0.434	0.440	0.445	0.452
3.450	0.461	0.468	0.473	0.478	0.479
3.700	0.480	0.484	0.488	0.492	0.505
3.950	0.515	0.521	0.526	0.530	0.534
4.200	0.538	0.542	0.546	0.552	0.566
4.450	0.574	0.578	0.582	0.586	0.590
4.700	0.593	0.596	0.600	0.607	0.615
4.950	0.619	0.622	0.626	0.629	0.632
5.200	0.635	0.638	0.642	0.656	0.665
5.450	0.669	0.672	0.677	0.685	0.690
5.700	0.694	0.696	0.704	0.718	0.724
5.950	0.728	0.731	0.733	0.736	0.738
6.200	0.741	0.743	0.751	0.757	0.761
6.450	0.763	0.767	0.782	0.790	0.794
6.700	0.797	0.800	0.809	0.814	0.816
6.950	0.819	0.824	0.832	0.836	0.838
7.200	0.840	0.851	0.864	0.868	0.871
7.450	0.873	0.881	0.887	0.890	0.892
7.700	0.895	0.910	0.919	0.922	0.925
7.950	0.928	0.937	0.941	0.943	0.945
8.200	0.950	0.958	0.962	0.964	0.965
8.450	0.981	0.999	1.005	1.008	1.010
8.700	1.017	1.023	1.026	1.028	1.031
8.950	1.046	1.055	1.058	1.060	1.065
9.200	1.080	1.087	1.090	1.092	1.099

Subsection: Unit Hydrograph (Hydrograph Table) Return Event: 100 years
Label: Site Area Storm Event: 100 Yr
Scenario: 100yr Overflow

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
9.450	1.114	1.119	1.122	1.123	1.134
9.700	1.147	1.152	1.154	1.156	1.175
9.950	1.191	1.196	1.198	1.201	1.224
10.200	1.236	1.240	1.242	1.247	1.263
10.450	1.270	1.272	1.274	1.288	1.316
10.700	1.326	1.329	1.331	1.346	1.366
10.950	1.372	1.374	1.376	1.396	1.412
11.200	1.416	1.418	1.423	1.461	1.481
11.450	1.486	1.489	1.497	1.529	1.541
11.700	1.545	1.547	1.564	1.600	1.612
11.950	1.615	1.617	1.643	1.675	1.684
12.200	1.687	1.690	1.729	1.760	1.768
12.450	1.771	1.777	1.823	1.847	1.853
12.700	1.856	1.869	1.925	1.945	1.951
12.950	1.954	1.981	2.039	2.058	2.063
13.200	2.065	2.476	2.996	3.127	3.160
13.450	3.169	3.172	3.175	3.177	3.180
13.700	3.182	3.184	3.187	3.189	3.191
13.950	3.193	3.195	3.197	3.199	3.201
14.200	3.180	3.130	3.117	3.115	3.116
14.450	3.253	3.426	3.470	3.481	3.485
14.700	3.487	3.489	3.491	3.492	3.494
14.950	3.495	3.497	3.498	3.500	3.501
15.200	3.502	3.504	3.505	3.506	3.508
15.450	3.509	3.510	3.511	3.512	3.108
15.700	2.597	2.471	2.441	2.435	2.435
15.950	2.436	2.436	2.436	2.437	2.437
16.200	2.438	2.438	2.439	2.439	2.440
16.450	2.440	2.441	2.441	2.441	2.442
16.700	2.442	2.443	2.443	2.138	1.752
16.950	1.657	1.635	1.630	1.630	1.630
17.200	1.630	1.630	1.630	1.631	1.631
17.450	1.631	1.631	1.631	1.631	1.631
17.700	1.632	1.632	1.632	1.632	1.632
17.950	1.632	1.633	1.429	1.171	1.107
18.200	1.092	1.089	1.089	1.089	1.089
18.450	1.089	1.089	1.089	1.089	1.089
18.700	1.089	1.089	1.089	1.089	1.089
18.950	1.090	1.090	1.090	1.090	1.090
19.200	1.090	0.988	0.859	0.827	0.819
19.450	0.818	0.818	0.818	0.818	0.818
19.700	0.818	0.818	0.818	0.818	0.818
19.950	0.818	0.818	0.818	0.818	0.818

Subsection: Unit Hydrograph (Hydrograph Table) Return Event: 100 years
Label: Site Area Storm Event: 100 Yr
Scenario: 100yr Overflow

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
20.200	0.818	0.818	0.818	0.818	0.818
20.450	0.818	0.818	0.818	0.818	0.818
20.700	0.818	0.818	0.818	0.818	0.818
20.950	0.818	0.818	0.818	0.818	0.818
21.200	0.819	0.819	0.819	0.819	0.819
21.450	0.819	0.819	0.819	0.819	0.716
21.700	0.587	0.555	0.548	0.546	0.546
21.950	0.546	0.546	0.546	0.546	0.546
22.200	0.546	0.546	0.546	0.546	0.546
22.450	0.546	0.546	0.546	0.546	0.546
22.700	0.546	0.546	0.546	0.648	0.778
22.950	0.810	0.817	0.819	0.819	0.819
23.200	0.819	0.819	0.819	0.819	0.819
23.450	0.819	0.819	0.819	0.820	0.820
23.700	0.820	0.820	0.820	0.820	0.820
23.950	0.820	0.820	0.512	0.124	0.028
24.200	0.006	0.000	(N/A)	(N/A)	(N/A)

Storm Event	100 Yr
Return Event	100 years
Duration	36.000 hours
Depth	8.6 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.8400 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	15.600 hours
Flow (Peak, Computed)	3.512 ft³/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	15.600 hours
Flow (Peak Interpolated Output)	3.512 ft³/s

Drainage Area	
SCS CN (Composite)	90.716
Area (User Defined)	3.8400 acres
Maximum Retention (Pervious)	1.0 in
Maximum Retention (Pervious, 20 percent)	0.2 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	7.5 in
Runoff Volume (Pervious)	2.385 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2.385 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	52.211 ft³/s

Subsection: Unit Hydrograph Summary
Label: Site Area
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

SCS Unit Hydrograph Parameters	
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph (Hydrograph Table) Return Event: 100 years
Label: Site Area Storm Event: 100 Yr
Scenario: 100yr

Storm Event	100 Yr
Return Event	100 years
Duration	36.000 hours
Depth	8.6 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.8400 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
0.950	0.001	0.009	0.024	0.040	0.055
1.200	0.071	0.085	0.099	0.112	0.125
1.450	0.138	0.151	0.163	0.175	0.186
1.700	0.197	0.206	0.216	0.225	0.235
1.950	0.245	0.254	0.263	0.272	0.280
2.200	0.289	0.297	0.305	0.313	0.321
2.450	0.328	0.335	0.342	0.349	0.356
2.700	0.363	0.369	0.376	0.382	0.388
2.950	0.394	0.400	0.405	0.411	0.417
3.200	0.427	0.434	0.440	0.445	0.452
3.450	0.461	0.468	0.473	0.478	0.479
3.700	0.480	0.484	0.488	0.492	0.505
3.950	0.515	0.521	0.526	0.530	0.534
4.200	0.538	0.542	0.546	0.552	0.566
4.450	0.574	0.578	0.582	0.586	0.590
4.700	0.593	0.596	0.600	0.607	0.615
4.950	0.619	0.622	0.626	0.629	0.632
5.200	0.635	0.638	0.642	0.656	0.665
5.450	0.669	0.672	0.677	0.685	0.690
5.700	0.694	0.696	0.704	0.718	0.724
5.950	0.728	0.731	0.733	0.736	0.738
6.200	0.741	0.743	0.751	0.757	0.761
6.450	0.763	0.767	0.782	0.790	0.794
6.700	0.797	0.800	0.809	0.814	0.816
6.950	0.819	0.824	0.832	0.836	0.838
7.200	0.840	0.851	0.864	0.868	0.871
7.450	0.873	0.881	0.887	0.890	0.892
7.700	0.895	0.910	0.919	0.922	0.925
7.950	0.928	0.937	0.941	0.943	0.945
8.200	0.950	0.958	0.962	0.964	0.965
8.450	0.981	0.999	1.005	1.008	1.010
8.700	1.017	1.023	1.026	1.028	1.031
8.950	1.046	1.055	1.058	1.060	1.065
9.200	1.080	1.087	1.090	1.092	1.099

Subsection: Unit Hydrograph (Hydrograph Table)
Label: Site Area
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
9.450	1.114	1.119	1.122	1.123	1.134
9.700	1.147	1.152	1.154	1.156	1.175
9.950	1.191	1.196	1.198	1.201	1.224
10.200	1.236	1.240	1.242	1.247	1.263
10.450	1.270	1.272	1.274	1.288	1.316
10.700	1.326	1.329	1.331	1.346	1.366
10.950	1.372	1.374	1.376	1.396	1.412
11.200	1.416	1.418	1.423	1.461	1.481
11.450	1.486	1.489	1.497	1.529	1.541
11.700	1.545	1.547	1.564	1.600	1.612
11.950	1.615	1.617	1.643	1.675	1.684
12.200	1.687	1.690	1.729	1.760	1.768
12.450	1.771	1.777	1.823	1.847	1.853
12.700	1.856	1.869	1.925	1.945	1.951
12.950	1.954	1.981	2.039	2.058	2.063
13.200	2.065	2.476	2.996	3.127	3.160
13.450	3.169	3.172	3.175	3.177	3.180
13.700	3.182	3.184	3.187	3.189	3.191
13.950	3.193	3.195	3.197	3.199	3.201
14.200	3.180	3.130	3.117	3.115	3.116
14.450	3.253	3.426	3.470	3.481	3.485
14.700	3.487	3.489	3.491	3.492	3.494
14.950	3.495	3.497	3.498	3.500	3.501
15.200	3.502	3.504	3.505	3.506	3.508
15.450	3.509	3.510	3.511	3.512	3.108
15.700	2.597	2.471	2.441	2.435	2.435
15.950	2.436	2.436	2.436	2.437	2.437
16.200	2.438	2.438	2.439	2.439	2.440
16.450	2.440	2.441	2.441	2.441	2.442
16.700	2.442	2.443	2.443	2.138	1.752
16.950	1.657	1.635	1.630	1.630	1.630
17.200	1.630	1.630	1.630	1.631	1.631
17.450	1.631	1.631	1.631	1.631	1.631
17.700	1.632	1.632	1.632	1.632	1.632
17.950	1.632	1.633	1.429	1.171	1.107
18.200	1.092	1.089	1.089	1.089	1.089
18.450	1.089	1.089	1.089	1.089	1.089
18.700	1.089	1.089	1.089	1.089	1.089
18.950	1.090	1.090	1.090	1.090	1.090
19.200	1.090	0.988	0.859	0.827	0.819
19.450	0.818	0.818	0.818	0.818	0.818
19.700	0.818	0.818	0.818	0.818	0.818
19.950	0.818	0.818	0.818	0.818	0.818

Subsection: Unit Hydrograph (Hydrograph Table) Return Event: 100 years
Label: Site Area Storm Event: 100 Yr
Scenario: 100yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
20.200	0.818	0.818	0.818	0.818	0.818
20.450	0.818	0.818	0.818	0.818	0.818
20.700	0.818	0.818	0.818	0.818	0.818
20.950	0.818	0.818	0.818	0.818	0.818
21.200	0.819	0.819	0.819	0.819	0.819
21.450	0.819	0.819	0.819	0.819	0.716
21.700	0.587	0.555	0.548	0.546	0.546
21.950	0.546	0.546	0.546	0.546	0.546
22.200	0.546	0.546	0.546	0.546	0.546
22.450	0.546	0.546	0.546	0.546	0.546
22.700	0.546	0.546	0.546	0.648	0.778
22.950	0.810	0.817	0.819	0.819	0.819
23.200	0.819	0.819	0.819	0.819	0.819
23.450	0.819	0.819	0.819	0.820	0.820
23.700	0.820	0.820	0.820	0.820	0.820
23.950	0.820	0.820	0.512	0.124	0.028
24.200	0.006	0.000	(N/A)	(N/A)	(N/A)

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
Outlet-1	PO-1

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Outlet-1	0.485	18.050	1.413
Flow (In)	O-1	0.485	18.050	1.413

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
Outlet-1	PO-1

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Outlet-1	0.844	24.050	0.382
Flow (In)	O-1	0.844	24.050	0.382

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	692.76	692.76	692.76	692.76	692.76
0.250	692.76	692.76	692.76	692.76	692.76
0.500	692.76	692.76	692.76	692.76	692.76
0.750	692.76	692.76	692.76	692.76	692.78
1.000	692.98	693.46	693.46	693.46	693.46
1.250	693.47	693.47	693.47	693.47	693.47
1.500	693.48	693.48	693.48	693.48	693.48
1.750	693.49	693.49	693.49	693.49	693.50
2.000	693.50	693.50	693.50	693.51	693.51
2.250	693.51	693.52	693.52	693.52	693.53
2.500	693.53	693.53	693.54	693.54	693.55
2.750	693.55	693.55	693.56	693.56	693.57
3.000	693.57	693.57	693.58	693.58	693.59
3.250	693.59	693.60	693.60	693.61	693.61
3.500	693.62	693.62	693.63	693.63	693.64
3.750	693.64	693.65	693.65	693.66	693.66
4.000	693.67	693.68	693.68	693.69	693.69
4.250	693.70	693.71	693.71	693.72	693.72
4.500	693.73	693.74	693.74	693.75	693.76
4.750	693.76	693.77	693.77	693.78	693.79
5.000	693.79	693.80	693.81	693.82	693.82
5.250	693.83	693.84	693.84	693.85	693.86
5.500	693.86	693.87	693.88	693.89	693.89
5.750	693.90	693.91	693.92	693.93	693.93
6.000	693.94	693.95	693.96	693.97	693.97
6.250	693.98	693.99	694.00	694.01	694.01
6.500	694.02	694.03	694.04	694.05	694.06
6.750	694.07	694.07	694.08	694.09	694.10
7.000	694.11	694.12	694.13	694.14	694.15
7.250	694.16	694.16	694.17	694.18	694.19
7.500	694.20	694.21	694.22	694.23	694.24
7.750	694.25	694.26	694.27	694.28	694.29
8.000	694.30	694.31	694.32	694.33	694.34
8.250	694.35	694.36	694.37	694.38	694.39
8.500	694.41	694.42	694.43	694.44	694.45
8.750	694.46	694.47	694.48	694.49	694.51
9.000	694.52	694.53	694.54	694.55	694.56
9.250	694.57	694.59	694.60	694.61	694.62
9.500	694.63	694.65	694.66	694.67	694.68
9.750	694.70	694.71	694.72	694.73	694.75
10.000	694.76	694.77	694.79	694.80	694.81
10.250	694.83	694.84	694.85	694.87	694.88

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.500	694.89	694.91	694.92	694.94	694.95
10.750	694.97	694.98	694.99	695.01	695.02
11.000	695.04	695.05	695.07	695.08	695.10
11.250	695.11	695.13	695.15	695.16	695.18
11.500	695.19	695.21	695.23	695.24	695.26
11.750	695.28	695.29	695.31	695.33	695.35
12.000	695.36	695.38	695.40	695.42	695.44
12.250	695.45	695.47	695.49	695.51	695.53
12.500	695.55	695.57	695.59	695.61	695.63
12.750	695.65	695.67	695.69	695.71	695.73
13.000	695.76	695.78	695.80	695.82	695.84
13.250	695.87	695.90	695.93	695.97	696.00
13.500	696.04	696.07	696.10	696.14	696.17
13.750	696.21	696.24	696.28	696.31	696.35
14.000	696.38	696.42	696.45	696.49	696.52
14.250	696.56	696.59	696.62	696.66	696.69
14.500	696.73	696.77	696.80	696.84	696.88
14.750	696.92	696.96	696.99	697.03	697.07
15.000	697.11	697.15	697.18	697.22	697.26
15.250	697.30	697.34	697.37	697.41	697.45
15.500	697.49	697.53	697.57	697.60	697.63
15.750	697.66	697.69	697.71	697.74	697.77
16.000	697.79	697.82	697.85	697.87	697.90
16.250	697.92	697.95	697.98	698.00	698.03
16.500	698.06	698.08	698.11	698.14	698.16
16.750	698.19	698.22	698.24	698.26	698.28
17.000	698.30	698.32	698.34	698.35	698.37
17.250	698.39	698.41	698.42	698.44	698.46
17.500	698.48	698.49	698.50	698.51	698.52
17.750	698.53	698.54	698.54	698.55	698.55
18.000	698.55	698.55	698.55	698.55	698.55
18.250	698.55	698.54	698.54	698.54	698.54
18.500	698.54	698.54	698.54	698.54	698.54
18.750	698.54	698.54	698.54	698.54	698.54
19.000	698.54	698.54	698.54	698.54	698.54
19.250	698.53	698.53	698.53	698.53	698.53
19.500	698.53	698.52	698.52	698.52	698.52
19.750	698.52	698.52	698.52	698.52	698.52
20.000	698.52	698.52	698.52	698.52	698.52
20.250	698.52	698.52	698.52	698.52	698.52
20.500	698.52	698.52	698.52	698.52	698.52
20.750	698.52	698.52	698.52	698.52	698.52

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.000	698.52	698.52	698.52	698.52	698.52
21.250	698.52	698.52	698.52	698.52	698.52
21.500	698.52	698.52	698.52	698.52	698.52
21.750	698.51	698.51	698.51	698.51	698.51
22.000	698.51	698.51	698.51	698.51	698.50
22.250	698.50	698.50	698.50	698.50	698.50
22.500	698.50	698.50	698.50	698.50	698.50
22.750	698.50	698.50	698.50	698.50	698.51
23.000	698.51	698.51	698.51	698.51	698.51
23.250	698.51	698.52	698.52	698.52	698.52
23.500	698.52	698.52	698.52	698.52	698.52
23.750	698.52	698.52	698.52	698.52	698.52
24.000	698.52	698.52	698.51	698.51	698.50
24.250	698.49	698.49	698.49	698.48	698.48
24.500	698.48	698.48	698.48	698.48	698.47
24.750	698.47	698.47	698.47	698.47	698.47
25.000	698.47	698.47	698.47	698.47	698.47
25.250	698.47	698.47	698.47	698.47	698.47
25.500	698.47	698.47	698.47	698.47	698.47
25.750	698.47	698.47	698.47	698.47	698.47
26.000	698.47	698.47	698.47	698.47	698.47
26.250	698.47	698.47	698.47	698.47	698.47
26.500	698.47	698.47	698.47	698.47	698.47
26.750	698.47	698.47	698.47	698.47	698.47
27.000	698.47	698.47	698.47	698.47	698.47
27.250	698.47	698.47	698.47	698.47	698.47
27.500	698.47	698.47	698.47	698.47	698.47
27.750	698.47	698.47	698.47	698.47	698.47
28.000	698.47	698.47	698.47	698.47	698.47
28.250	698.47	698.47	698.47	698.47	698.47
28.500	698.47	698.47	698.47	698.47	698.47
28.750	698.47	698.47	698.47	698.47	698.47
29.000	698.47	698.47	698.47	698.47	698.47
29.250	698.47	698.47	698.47	698.47	698.47
29.500	698.47	698.47	698.47	698.47	698.47
29.750	698.47	698.47	698.47	698.47	698.47
30.000	698.47	698.47	698.47	698.47	698.47
30.250	698.47	698.47	698.47	698.47	698.47
30.500	698.47	698.47	698.47	698.47	698.47
30.750	698.47	698.47	698.47	698.47	698.47
31.000	698.47	698.47	698.47	698.47	698.47
31.250	698.47	698.47	698.47	698.47	698.47

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
31.500	698.47	698.47	698.47	698.47	698.47
31.750	698.47	698.47	698.47	698.47	698.47
32.000	698.47	698.47	698.47	698.47	698.47
32.250	698.47	698.47	698.47	698.47	698.47
32.500	698.47	698.47	698.47	698.47	698.47
32.750	698.47	698.47	698.47	698.47	698.47
33.000	698.47	698.47	698.47	698.47	698.47
33.250	698.47	698.47	698.47	698.47	698.47
33.500	698.47	698.47	698.47	698.47	698.47
33.750	698.47	698.47	698.47	698.47	698.47
34.000	698.47	698.47	698.47	698.47	698.47
34.250	698.47	698.47	698.47	698.47	698.47
34.500	698.47	698.47	698.47	698.47	698.47
34.750	698.47	698.47	698.47	698.47	698.47
35.000	698.47	698.47	698.47	698.47	698.47
35.250	698.47	698.47	698.47	698.47	698.47
35.500	698.47	698.47	698.47	698.47	698.47
35.750	698.47	698.47	698.47	698.47	698.47
36.000	698.47	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	692.76	692.76	692.76	692.76	692.76
0.250	692.76	692.76	692.76	692.76	692.76
0.500	692.76	692.76	692.76	692.76	692.76
0.750	692.76	692.76	692.76	692.76	692.76
1.000	692.78	692.84	692.92	692.99	693.07
1.250	693.14	693.21	693.26	693.26	693.26
1.500	693.26	693.26	693.26	693.27	693.27
1.750	693.27	693.27	693.27	693.28	693.28
2.000	693.28	693.28	693.29	693.29	693.29
2.250	693.30	693.30	693.30	693.31	693.31
2.500	693.32	693.32	693.33	693.33	693.33
2.750	693.34	693.34	693.35	693.35	693.36
3.000	693.36	693.37	693.38	693.38	693.39
3.250	693.39	693.40	693.40	693.41	693.42
3.500	693.42	693.43	693.44	693.44	693.45
3.750	693.46	693.46	693.47	693.48	693.48
4.000	693.49	693.50	693.51	693.51	693.52
4.250	693.53	693.54	693.54	693.55	693.56
4.500	693.57	693.58	693.59	693.59	693.60
4.750	693.61	693.62	693.63	693.64	693.65
5.000	693.65	693.66	693.67	693.68	693.69
5.250	693.70	693.71	693.72	693.73	693.74
5.500	693.75	693.76	693.76	693.77	693.78
5.750	693.78	693.79	693.79	693.80	693.81
6.000	693.81	693.82	693.82	693.83	693.84
6.250	693.84	693.85	693.86	693.86	693.87
6.500	693.88	693.88	693.89	693.90	693.90
6.750	693.91	693.92	693.92	693.93	693.94
7.000	693.94	693.95	693.96	693.97	693.97
7.250	693.98	693.99	694.00	694.00	694.01
7.500	694.02	694.03	694.03	694.04	694.05
7.750	694.06	694.07	694.07	694.08	694.09
8.000	694.10	694.11	694.12	694.12	694.13
8.250	694.14	694.15	694.16	694.17	694.17
8.500	694.18	694.19	694.20	694.21	694.22
8.750	694.23	694.24	694.25	694.26	694.26
9.000	694.27	694.28	694.29	694.30	694.31
9.250	694.32	694.33	694.34	694.35	694.36
9.500	694.37	694.38	694.39	694.40	694.41
9.750	694.42	694.43	694.44	694.45	694.46
10.000	694.47	694.48	694.50	694.51	694.52
10.250	694.53	694.54	694.55	694.56	694.57

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.500	694.59	694.60	694.61	694.62	694.63
10.750	694.65	694.66	694.67	694.68	694.69
11.000	694.71	694.72	694.73	694.74	694.76
11.250	694.77	694.78	694.80	694.81	694.82
11.500	694.84	694.85	694.87	694.88	694.89
11.750	694.91	694.92	694.94	694.95	694.97
12.000	694.98	695.00	695.01	695.03	695.04
12.250	695.06	695.08	695.09	695.11	695.13
12.500	695.14	695.16	695.18	695.19	695.21
12.750	695.23	695.25	695.27	695.28	695.30
13.000	695.32	695.34	695.36	695.38	695.40
13.250	695.42	695.45	695.48	695.51	695.54
13.500	695.57	695.60	695.64	695.67	695.70
13.750	695.73	695.76	695.79	695.83	695.86
14.000	695.89	695.92	695.95	695.99	696.02
14.250	696.05	696.08	696.11	696.14	696.17
14.500	696.20	696.24	696.27	696.31	696.34
14.750	696.38	696.41	696.45	696.48	696.52
15.000	696.55	696.59	696.62	696.66	696.69
15.250	696.72	696.76	696.79	696.83	696.86
15.500	696.90	696.93	696.97	697.00	697.03
15.750	697.05	697.07	697.10	697.12	697.14
16.000	697.17	697.19	697.21	697.23	697.26
16.250	697.28	697.30	697.33	697.35	697.37
16.500	697.39	697.42	697.44	697.46	697.49
16.750	697.51	697.53	697.55	697.57	697.58
17.000	697.60	697.61	697.63	697.64	697.65
17.250	697.67	697.68	697.70	697.71	697.72
17.500	697.74	697.75	697.76	697.78	697.79
17.750	697.81	697.82	697.83	697.85	697.86
18.000	697.88	697.89	697.90	697.91	697.91
18.250	697.92	697.93	697.94	697.95	697.95
18.500	697.96	697.97	697.98	697.99	697.99
18.750	698.00	698.01	698.02	698.03	698.03
19.000	698.04	698.05	698.06	698.06	698.07
19.250	698.08	698.09	698.09	698.10	698.10
19.500	698.11	698.11	698.12	698.12	698.13
19.750	698.13	698.13	698.14	698.14	698.15
20.000	698.15	698.16	698.16	698.17	698.17
20.250	698.18	698.18	698.19	698.19	698.20
20.500	698.20	698.21	698.21	698.22	698.22
20.750	698.23	698.23	698.24	698.24	698.25

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.000	698.25	698.26	698.26	698.27	698.27
21.250	698.28	698.28	698.28	698.29	698.29
21.500	698.30	698.30	698.31	698.31	698.32
21.750	698.32	698.32	698.32	698.32	698.33
22.000	698.33	698.33	698.33	698.33	698.33
22.250	698.34	698.34	698.34	698.34	698.34
22.500	698.35	698.35	698.35	698.35	698.35
22.750	698.35	698.36	698.36	698.36	698.37
23.000	698.37	698.38	698.38	698.39	698.39
23.250	698.40	698.40	698.41	698.41	698.42
23.500	698.42	698.42	698.43	698.43	698.44
23.750	698.44	698.45	698.45	698.46	698.46
24.000	698.47	698.47	698.47	698.47	698.46
24.250	698.46	698.45	698.45	698.45	698.44
24.500	698.44	698.43	698.43	698.43	698.42
24.750	698.42	698.41	698.41	698.40	698.40
25.000	698.40	698.39	698.39	698.38	698.38
25.250	698.38	698.37	698.37	698.36	698.36
25.500	698.36	698.35	698.35	698.34	698.34
25.750	698.33	698.33	698.33	698.32	698.32
26.000	698.31	698.31	698.31	698.30	698.30
26.250	698.29	698.29	698.29	698.28	698.28
26.500	698.27	698.27	698.26	698.26	698.26
26.750	698.25	698.25	698.24	698.24	698.24
27.000	698.23	698.23	698.22	698.22	698.22
27.250	698.21	698.21	698.20	698.20	698.20
27.500	698.19	698.19	698.18	698.18	698.18
27.750	698.17	698.17	698.16	698.16	698.16
28.000	698.15	698.15	698.14	698.14	698.14
28.250	698.13	698.13	698.12	698.12	698.11
28.500	698.11	698.11	698.10	698.10	698.09
28.750	698.09	698.09	698.08	698.08	698.07
29.000	698.07	698.07	698.06	698.06	698.05
29.250	698.05	698.05	698.04	698.04	698.03
29.500	698.03	698.03	698.02	698.02	698.01
29.750	698.01	698.01	698.00	698.00	697.99
30.000	697.99	697.99	697.98	697.98	697.98
30.250	697.97	697.97	697.96	697.96	697.96
30.500	697.95	697.95	697.94	697.94	697.94
30.750	697.93	697.93	697.92	697.92	697.92
31.000	697.91	697.91	697.90	697.90	697.90
31.250	697.89	697.89	697.88	697.88	697.88

Subsection: Time vs. Elevation
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
31.500	697.87	697.87	697.86	697.86	697.86
31.750	697.85	697.85	697.84	697.84	697.84
32.000	697.83	697.83	697.83	697.82	697.82
32.250	697.81	697.81	697.81	697.80	697.80
32.500	697.79	697.79	697.79	697.78	697.78
32.750	697.77	697.77	697.77	697.76	697.76
33.000	697.76	697.75	697.75	697.74	697.74
33.250	697.74	697.73	697.73	697.72	697.72
33.500	697.72	697.71	697.71	697.70	697.70
33.750	697.70	697.69	697.69	697.69	697.68
34.000	697.68	697.67	697.67	697.67	697.66
34.250	697.66	697.65	697.65	697.65	697.64
34.500	697.64	697.64	697.63	697.63	697.62
34.750	697.62	697.62	697.61	697.61	697.60
35.000	697.60	697.60	697.59	697.59	697.59
35.250	697.58	697.58	697.57	697.57	697.57
35.500	697.56	697.56	697.56	697.55	697.55
35.750	697.54	697.54	697.54	697.53	697.53
36.000	697.52	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.001	0.001	0.002	0.002	0.003
1.500	0.003	0.004	0.005	0.006	0.006
1.750	0.007	0.008	0.009	0.010	0.011
2.000	0.012	0.013	0.014	0.015	0.016
2.250	0.018	0.019	0.020	0.021	0.023
2.500	0.024	0.026	0.027	0.028	0.030
2.750	0.031	0.033	0.035	0.036	0.038
3.000	0.039	0.041	0.043	0.044	0.046
3.250	0.048	0.050	0.052	0.053	0.055
3.500	0.057	0.059	0.061	0.063	0.065
3.750	0.067	0.069	0.071	0.073	0.075
4.000	0.077	0.080	0.082	0.084	0.086
4.250	0.088	0.091	0.093	0.095	0.098
4.500	0.100	0.102	0.105	0.107	0.110
4.750	0.112	0.115	0.117	0.120	0.122
5.000	0.125	0.127	0.130	0.133	0.135
5.250	0.138	0.140	0.143	0.146	0.149
5.500	0.151	0.154	0.157	0.160	0.163
5.750	0.166	0.168	0.171	0.174	0.177
6.000	0.180	0.183	0.186	0.189	0.193
6.250	0.196	0.199	0.202	0.205	0.208
6.500	0.211	0.214	0.218	0.221	0.224
6.750	0.228	0.231	0.234	0.238	0.241
7.000	0.244	0.248	0.251	0.255	0.258
7.250	0.262	0.265	0.269	0.272	0.276
7.500	0.280	0.283	0.287	0.291	0.294
7.750	0.298	0.302	0.306	0.309	0.313
8.000	0.317	0.321	0.325	0.329	0.333
8.250	0.337	0.341	0.345	0.349	0.353
8.500	0.357	0.361	0.365	0.369	0.373
8.750	0.378	0.382	0.386	0.390	0.395
9.000	0.399	0.403	0.408	0.412	0.416
9.250	0.421	0.425	0.430	0.435	0.439
9.500	0.444	0.448	0.453	0.458	0.462
9.750	0.467	0.472	0.477	0.481	0.486
10.000	0.491	0.496	0.501	0.506	0.511
10.250	0.516	0.522	0.527	0.532	0.537

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
10.500	0.542	0.548	0.553	0.558	0.564
10.750	0.569	0.575	0.580	0.586	0.591
11.000	0.597	0.603	0.609	0.614	0.620
11.250	0.626	0.632	0.638	0.644	0.650
11.500	0.656	0.662	0.669	0.675	0.681
11.750	0.688	0.694	0.701	0.707	0.714
12.000	0.721	0.727	0.734	0.741	0.748
12.250	0.755	0.762	0.769	0.777	0.784
12.500	0.791	0.799	0.806	0.814	0.822
12.750	0.829	0.837	0.845	0.853	0.861
13.000	0.869	0.878	0.886	0.895	0.903
13.250	0.913	0.924	0.937	0.950	0.963
13.500	0.976	0.989	1.002	1.015	1.028
13.750	1.042	1.055	1.068	1.081	1.094
14.000	1.107	1.121	1.134	1.147	1.160
14.250	1.173	1.186	1.199	1.212	1.225
14.500	1.239	1.253	1.267	1.282	1.296
14.750	1.311	1.325	1.340	1.354	1.368
15.000	1.383	1.397	1.412	1.426	1.441
15.250	1.455	1.470	1.484	1.499	1.513
15.500	1.528	1.542	1.557	1.570	1.582
15.750	1.593	1.603	1.613	1.623	1.633
16.000	1.643	1.653	1.663	1.673	1.683
16.250	1.693	1.703	1.714	1.724	1.734
16.500	1.744	1.754	1.764	1.774	1.784
16.750	1.794	1.804	1.814	1.822	1.829
17.000	1.836	1.842	1.849	1.856	1.863
17.250	1.869	1.876	1.883	1.890	1.896
17.500	1.903	1.909	1.913	1.917	1.921
17.750	1.923	1.926	1.928	1.929	1.931
18.000	1.932	1.932	1.932	1.931	1.930
18.250	1.929	1.928	1.928	1.927	1.927
18.500	1.927	1.926	1.926	1.926	1.926
18.750	1.926	1.926	1.925	1.925	1.925
19.000	1.925	1.925	1.925	1.925	1.925
19.250	1.925	1.924	1.923	1.923	1.922
19.500	1.922	1.921	1.921	1.920	1.920
19.750	1.920	1.920	1.920	1.919	1.919
20.000	1.919	1.919	1.919	1.919	1.919
20.250	1.919	1.919	1.919	1.919	1.919
20.500	1.919	1.919	1.919	1.919	1.919
20.750	1.919	1.919	1.919	1.919	1.919

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
21.000	1.919	1.919	1.919	1.919	1.919
21.250	1.919	1.919	1.919	1.919	1.919
21.500	1.919	1.919	1.919	1.919	1.918
21.750	1.917	1.917	1.916	1.915	1.915
22.000	1.915	1.914	1.914	1.914	1.914
22.250	1.913	1.913	1.913	1.913	1.913
22.500	1.913	1.913	1.913	1.913	1.913
22.750	1.913	1.913	1.913	1.914	1.914
23.000	1.915	1.916	1.916	1.917	1.917
23.250	1.917	1.918	1.918	1.918	1.918
23.500	1.918	1.918	1.918	1.919	1.919
23.750	1.919	1.919	1.919	1.919	1.919
24.000	1.919	1.918	1.916	1.914	1.912
24.250	1.910	1.908	1.907	1.906	1.905
24.500	1.904	1.904	1.903	1.903	1.902
24.750	1.902	1.902	1.901	1.901	1.901
25.000	1.901	1.901	1.901	1.901	1.901
25.250	1.901	1.901	1.901	1.901	1.901
25.500	1.901	1.900	1.900	1.900	1.900
25.750	1.900	1.900	1.900	1.900	1.900
26.000	1.900	1.900	1.900	1.900	1.900
26.250	1.900	1.900	1.900	1.900	1.900
26.500	1.900	1.900	1.900	1.900	1.900
26.750	1.900	1.900	1.900	1.900	1.900
27.000	1.900	1.900	1.900	1.900	1.900
27.250	1.900	1.900	1.900	1.900	1.900
27.500	1.900	1.900	1.900	1.900	1.900
27.750	1.900	1.900	1.900	1.900	1.900
28.000	1.900	1.900	1.900	1.900	1.900
28.250	1.900	1.900	1.900	1.900	1.900
28.500	1.900	1.900	1.900	1.900	1.900
28.750	1.900	1.900	1.900	1.900	1.900
29.000	1.900	1.900	1.900	1.900	1.900
29.250	1.900	1.900	1.900	1.900	1.900
29.500	1.900	1.900	1.900	1.900	1.900
29.750	1.900	1.900	1.900	1.900	1.900
30.000	1.900	1.900	1.900	1.900	1.900
30.250	1.900	1.900	1.900	1.900	1.900
30.500	1.900	1.900	1.900	1.900	1.900
30.750	1.900	1.900	1.900	1.900	1.900
31.000	1.900	1.900	1.900	1.900	1.900
31.250	1.900	1.900	1.900	1.900	1.900

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
31.500	1.900	1.900	1.900	1.900	1.900
31.750	1.900	1.900	1.900	1.900	1.900
32.000	1.900	1.900	1.900	1.900	1.900
32.250	1.900	1.900	1.900	1.900	1.900
32.500	1.900	1.900	1.900	1.900	1.900
32.750	1.900	1.900	1.900	1.900	1.900
33.000	1.900	1.900	1.900	1.900	1.900
33.250	1.900	1.900	1.900	1.900	1.900
33.500	1.900	1.900	1.900	1.900	1.900
33.750	1.900	1.900	1.900	1.900	1.900
34.000	1.900	1.900	1.900	1.900	1.900
34.250	1.900	1.900	1.900	1.900	1.900
34.500	1.900	1.900	1.900	1.900	1.900
34.750	1.900	1.900	1.900	1.900	1.900
35.000	1.900	1.900	1.900	1.900	1.900
35.250	1.900	1.900	1.900	1.900	1.900
35.500	1.900	1.900	1.900	1.900	1.900
35.750	1.900	1.900	1.900	1.900	1.900
36.000	1.900	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.001	0.004	0.007
4.000	0.010	0.012	0.015	0.018	0.021
4.250	0.024	0.027	0.030	0.033	0.036
4.500	0.039	0.042	0.045	0.048	0.052
4.750	0.055	0.058	0.061	0.065	0.068
5.000	0.071	0.075	0.078	0.082	0.085
5.250	0.088	0.092	0.095	0.099	0.103
5.500	0.106	0.110	0.113	0.115	0.117
5.750	0.119	0.122	0.124	0.126	0.129
6.000	0.131	0.133	0.136	0.138	0.141
6.250	0.143	0.146	0.148	0.150	0.153
6.500	0.155	0.158	0.161	0.163	0.166
6.750	0.168	0.171	0.174	0.176	0.179
7.000	0.182	0.184	0.187	0.190	0.193
7.250	0.196	0.198	0.201	0.204	0.207
7.500	0.210	0.213	0.216	0.219	0.222
7.750	0.225	0.228	0.231	0.234	0.237
8.000	0.240	0.243	0.247	0.250	0.253
8.250	0.256	0.259	0.262	0.266	0.269
8.500	0.272	0.276	0.279	0.282	0.286
8.750	0.289	0.293	0.296	0.300	0.303
9.000	0.307	0.310	0.314	0.317	0.321
9.250	0.325	0.328	0.332	0.336	0.340
9.500	0.343	0.347	0.351	0.355	0.359
9.750	0.363	0.367	0.371	0.375	0.379
10.000	0.383	0.387	0.391	0.395	0.399
10.250	0.404	0.408	0.412	0.416	0.421

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
10.500	0.425	0.430	0.434	0.438	0.443
10.750	0.448	0.452	0.457	0.462	0.466
11.000	0.471	0.476	0.481	0.486	0.491
11.250	0.495	0.500	0.505	0.511	0.516
11.500	0.521	0.526	0.532	0.537	0.542
11.750	0.548	0.553	0.559	0.565	0.570
12.000	0.576	0.582	0.588	0.594	0.600
12.250	0.606	0.612	0.618	0.624	0.630
12.500	0.637	0.643	0.650	0.656	0.663
12.750	0.670	0.676	0.683	0.690	0.697
13.000	0.705	0.712	0.719	0.727	0.734
13.250	0.743	0.753	0.764	0.776	0.788
13.500	0.800	0.812	0.824	0.836	0.848
13.750	0.860	0.872	0.884	0.896	0.908
14.000	0.921	0.933	0.945	0.957	0.969
14.250	0.981	0.992	1.004	1.016	1.028
14.500	1.040	1.053	1.066	1.079	1.093
14.750	1.106	1.119	1.132	1.145	1.158
15.000	1.172	1.185	1.198	1.211	1.224
15.250	1.237	1.251	1.264	1.277	1.290
15.500	1.303	1.316	1.330	1.342	1.352
15.750	1.361	1.370	1.379	1.388	1.396
16.000	1.405	1.414	1.422	1.431	1.440
16.250	1.448	1.457	1.466	1.474	1.483
16.500	1.492	1.500	1.509	1.518	1.526
16.750	1.535	1.544	1.552	1.558	1.564
17.000	1.569	1.575	1.580	1.585	1.590
17.250	1.596	1.601	1.606	1.611	1.617
17.500	1.622	1.627	1.633	1.638	1.643
17.750	1.648	1.654	1.659	1.664	1.669
18.000	1.675	1.679	1.683	1.687	1.690
18.250	1.693	1.696	1.699	1.702	1.705
18.500	1.708	1.711	1.714	1.717	1.720
18.750	1.723	1.726	1.729	1.731	1.734
19.000	1.737	1.740	1.743	1.746	1.749
19.250	1.752	1.754	1.756	1.758	1.760
19.500	1.762	1.764	1.766	1.768	1.769
19.750	1.771	1.773	1.775	1.777	1.779
20.000	1.780	1.782	1.784	1.786	1.788
20.250	1.790	1.792	1.793	1.795	1.797
20.500	1.799	1.801	1.803	1.804	1.806
20.750	1.808	1.810	1.812	1.814	1.815

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
21.000	1.817	1.819	1.821	1.823	1.825
21.250	1.826	1.828	1.830	1.832	1.834
21.500	1.836	1.837	1.839	1.841	1.842
21.750	1.843	1.844	1.844	1.845	1.846
22.000	1.846	1.847	1.848	1.848	1.849
22.250	1.850	1.850	1.851	1.852	1.853
22.500	1.853	1.854	1.855	1.855	1.856
22.750	1.857	1.857	1.858	1.860	1.861
23.000	1.863	1.865	1.867	1.869	1.870
23.250	1.872	1.874	1.876	1.878	1.880
23.500	1.881	1.883	1.885	1.887	1.889
23.750	1.890	1.892	1.894	1.896	1.898
24.000	1.899	1.901	1.900	1.899	1.898
24.250	1.896	1.894	1.893	1.891	1.890
24.500	1.888	1.887	1.885	1.883	1.882
24.750	1.880	1.879	1.877	1.876	1.874
25.000	1.872	1.871	1.869	1.868	1.866
25.250	1.865	1.863	1.861	1.860	1.858
25.500	1.857	1.855	1.854	1.852	1.851
25.750	1.849	1.847	1.846	1.844	1.843
26.000	1.841	1.840	1.838	1.837	1.835
26.250	1.833	1.832	1.830	1.829	1.827
26.500	1.826	1.824	1.823	1.821	1.819
26.750	1.818	1.816	1.815	1.813	1.812
27.000	1.810	1.809	1.807	1.806	1.804
27.250	1.802	1.801	1.799	1.798	1.796
27.500	1.795	1.793	1.792	1.790	1.789
27.750	1.787	1.785	1.784	1.782	1.781
28.000	1.779	1.778	1.776	1.775	1.773
28.250	1.772	1.770	1.769	1.767	1.766
28.500	1.764	1.763	1.761	1.759	1.758
28.750	1.756	1.755	1.753	1.752	1.750
29.000	1.749	1.747	1.746	1.744	1.743
29.250	1.741	1.740	1.738	1.737	1.735
29.500	1.734	1.732	1.731	1.729	1.728
29.750	1.726	1.725	1.723	1.721	1.720
30.000	1.718	1.717	1.715	1.714	1.712
30.250	1.711	1.709	1.708	1.706	1.705
30.500	1.703	1.702	1.700	1.699	1.697
30.750	1.696	1.694	1.693	1.691	1.690
31.000	1.688	1.687	1.685	1.684	1.682
31.250	1.681	1.679	1.678	1.676	1.675

Subsection: Time vs. Volume
Label: PO-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Time vs. Volume (ac-ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)	Volume (ac-ft)
31.500	1.673	1.672	1.670	1.669	1.667
31.750	1.666	1.664	1.663	1.662	1.660
32.000	1.659	1.657	1.656	1.654	1.653
32.250	1.651	1.650	1.648	1.647	1.645
32.500	1.644	1.642	1.641	1.639	1.638
32.750	1.636	1.635	1.633	1.632	1.630
33.000	1.629	1.627	1.626	1.624	1.623
33.250	1.622	1.620	1.619	1.617	1.616
33.500	1.614	1.613	1.611	1.610	1.608
33.750	1.607	1.605	1.604	1.602	1.601
34.000	1.599	1.598	1.597	1.595	1.594
34.250	1.592	1.591	1.589	1.588	1.586
34.500	1.585	1.583	1.582	1.581	1.579
34.750	1.578	1.576	1.575	1.573	1.572
35.000	1.570	1.569	1.567	1.566	1.565
35.250	1.563	1.562	1.560	1.559	1.557
35.500	1.556	1.554	1.553	1.552	1.550
35.750	1.549	1.547	1.546	1.544	1.543
36.000	1.541	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Elevation-Area Volume Curve
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
692.76	0.00	0.0001	0.0000	0.000	0.000
693.46	0.00	0.0001	0.0003	0.000	0.000
693.47	0.00	0.3798	0.3861	0.001	0.001
699.14	0.00	0.3798	1.1394	2.154	2.155

Pond Volume Equations
*** Incremental volume computed by the Conic Method for Reservoir Volumes.**

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where:	EL1, EL2	Lower and upper elevations of the increment
	Area1, Area2	Areas computed for EL1, EL2, respectively
	Volume	Incremental volume between EL1 and EL2

Subsection: Elevation-Area Volume Curve
Label: PO-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
692.76	0.00	0.0001	0.0000	0.000	0.000
693.46	0.00	0.0001	0.0003	0.000	0.000
693.47	0.00	0.3798	0.3861	0.001	0.001
699.14	0.00	0.3798	1.1394	2.154	2.155

Pond Volume Equations
*** Incremental volume computed by the Conic Method for Reservoir Volumes.**

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where:	EL1, EL2	Lower and upper elevations of the increment
	Area1, Area2	Areas computed for EL1, EL2, respectively
	Volume	Incremental volume between EL1 and EL2

Subsection: Outlet Input Data
Label: 100 Yr Orifice DuPage Co Outlet Structure
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Requested Pond Water Surface Elevations	
Minimum (Headwater)	692.76 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	699.14 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	100yr	Forward	TW	692.76	699.14
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: 100yr Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	692.76 ft
Orifice Diameter	2.48 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

Requested Pond Water Surface Elevations	
Minimum (Headwater)	692.76 ft
Increment (Headwater)	0.01 ft
Maximum (Headwater)	699.14 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Area	Control Structure Weir	Forward	TW	698.47	699.14
Irregular Weir	Overland Weir	Forward	TW	698.60	699.14
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Control Structure Weir Structure Type: Orifice-Area	
Number of Openings	1
Elevation	698.47 ft
Orifice Area	2.45 ft²
Top Elevation	698.96 ft
Datum Elevation	698.47 ft
Orifice Coefficient	0.600

Structure ID: Overland Weir
Structure Type: Irregular Weir

Station (ft)	Elevation (ft)
0.00	0.54
0.01	0.40
12.42	0.30
31.25	0.20
41.58	0.10
52.00	0.00
61.25	0.40
61.26	0.54

Lowest Elevation	698.60 ft
Weir Coefficient	3.00 (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

Subsection: Diverted Hydrograph
Label: Outlet-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Peak Discharge	1.413 ft³/s
Time to Peak	18.050 hours
Hydrograph Volume	0.485 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
17.450	0.000	0.107	0.363	0.576	0.753
17.700	0.901	1.023	1.126	1.211	1.281
17.950	1.340	1.389	1.413	1.394	1.351
18.200	1.309	1.272	1.242	1.216	1.195
18.450	1.177	1.162	1.150	1.140	1.131
18.700	1.124	1.118	1.113	1.109	1.106
18.950	1.103	1.101	1.099	1.097	1.096
19.200	1.095	1.086	1.058	1.022	0.989
19.450	0.960	0.936	0.916	0.900	0.886
19.700	0.874	0.865	0.857	0.850	0.845
19.950	0.840	0.837	0.833	0.831	0.829
20.200	0.827	0.825	0.824	0.823	0.822
20.450	0.822	0.821	0.821	0.820	0.820
20.700	0.820	0.819	0.819	0.819	0.819
20.950	0.819	0.819	0.819	0.819	0.819
21.200	0.819	0.819	0.819	0.819	0.819
21.450	0.819	0.819	0.819	0.819	0.810
21.700	0.783	0.748	0.715	0.687	0.663
21.950	0.643	0.627	0.613	0.602	0.593
22.200	0.585	0.578	0.573	0.568	0.565
22.450	0.561	0.559	0.557	0.555	0.553
22.700	0.552	0.551	0.550	0.558	0.584
22.950	0.619	0.652	0.680	0.703	0.723
23.200	0.739	0.752	0.764	0.773	0.781
23.450	0.787	0.793	0.797	0.801	0.804
23.700	0.807	0.809	0.811	0.812	0.813
23.950	0.814	0.815	0.790	0.711	0.604
24.200	0.506	0.421	0.351	0.292	0.243
24.450	0.202	0.168	0.140	0.116	0.097
24.700	0.081	0.067	0.056	0.046	0.039
24.950	0.032	0.027	0.022	0.019	0.015
25.200	0.013	0.011	0.009	0.007	0.006
25.450	0.005	0.004	0.004	0.003	0.002
25.700	0.002	0.002	0.001	0.001	0.001

Subsection: Diverted Hydrograph
Label: Outlet-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Peak Discharge	0.382 ft³/s
Time to Peak	24.050 hours
Hydrograph Volume	0.844 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
0.950	0.000	0.005	0.016	0.032	0.048
1.200	0.063	0.078	0.092	0.102	0.102
1.450	0.102	0.102	0.102	0.102	0.102
1.700	0.102	0.103	0.103	0.103	0.103
1.950	0.104	0.104	0.104	0.104	0.105
2.200	0.105	0.106	0.106	0.106	0.107
2.450	0.107	0.107	0.108	0.108	0.109
2.700	0.109	0.110	0.110	0.111	0.111
2.950	0.112	0.112	0.113	0.114	0.114
3.200	0.115	0.115	0.116	0.117	0.117
3.450	0.118	0.118	0.119	0.120	0.120
3.700	0.121	0.122	0.123	0.123	0.124
3.950	0.125	0.125	0.126	0.127	0.128
4.200	0.128	0.129	0.130	0.131	0.132
4.450	0.132	0.133	0.134	0.135	0.136
4.700	0.137	0.138	0.138	0.139	0.140
4.950	0.141	0.142	0.143	0.144	0.145
5.200	0.146	0.147	0.148	0.149	0.150
5.450	0.151	0.151	0.152	0.153	0.154
5.700	0.154	0.154	0.155	0.155	0.156
5.950	0.156	0.157	0.157	0.158	0.158
6.200	0.159	0.159	0.160	0.160	0.161
6.450	0.161	0.162	0.162	0.163	0.163
6.700	0.164	0.164	0.165	0.165	0.166
6.950	0.166	0.167	0.167	0.168	0.169
7.200	0.169	0.170	0.170	0.171	0.171
7.450	0.172	0.173	0.173	0.174	0.174
7.700	0.175	0.176	0.176	0.177	0.177
7.950	0.178	0.179	0.179	0.180	0.180
8.200	0.181	0.182	0.182	0.183	0.184
8.450	0.184	0.185	0.186	0.186	0.187
8.700	0.188	0.188	0.189	0.190	0.190
8.950	0.191	0.192	0.192	0.193	0.193
9.200	0.194	0.195	0.195	0.196	0.197
9.450	0.197	0.198	0.198	0.199	0.200
9.700	0.200	0.201	0.202	0.202	0.203
9.950	0.204	0.204	0.205	0.206	0.206
10.200	0.207	0.208	0.208	0.209	0.210
10.450	0.211	0.211	0.212	0.213	0.214

Subsection: Diverted Hydrograph
Label: Outlet-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
10.700	0.214	0.215	0.216	0.217	0.217
10.950	0.218	0.219	0.220	0.221	0.221
11.200	0.222	0.223	0.224	0.224	0.225
11.450	0.226	0.227	0.227	0.228	0.229
11.700	0.230	0.231	0.231	0.232	0.233
11.950	0.234	0.235	0.235	0.236	0.237
12.200	0.238	0.239	0.240	0.241	0.242
12.450	0.243	0.243	0.244	0.245	0.246
12.700	0.247	0.248	0.249	0.250	0.251
12.950	0.252	0.253	0.254	0.255	0.256
13.200	0.257	0.258	0.259	0.261	0.262
13.450	0.264	0.266	0.267	0.269	0.270
13.700	0.272	0.273	0.275	0.276	0.278
13.950	0.279	0.281	0.282	0.284	0.285
14.200	0.286	0.288	0.289	0.291	0.292
14.450	0.294	0.295	0.297	0.298	0.300
14.700	0.301	0.303	0.304	0.305	0.307
14.950	0.308	0.310	0.311	0.313	0.314
15.200	0.316	0.317	0.319	0.320	0.321
15.450	0.323	0.324	0.326	0.327	0.328
15.700	0.329	0.330	0.331	0.332	0.333
15.950	0.334	0.335	0.336	0.337	0.338
16.200	0.338	0.339	0.340	0.341	0.342
16.450	0.343	0.344	0.344	0.345	0.346
16.700	0.347	0.348	0.349	0.349	0.350
16.950	0.351	0.351	0.352	0.352	0.353
17.200	0.353	0.354	0.354	0.355	0.355
17.450	0.356	0.356	0.357	0.357	0.358
17.700	0.358	0.359	0.359	0.360	0.360
17.950	0.361	0.361	0.362	0.362	0.363
18.200	0.363	0.363	0.363	0.364	0.364
18.450	0.364	0.364	0.365	0.365	0.365
18.700	0.366	0.366	0.366	0.366	0.367
18.950	0.367	0.367	0.368	0.368	0.368
19.200	0.368	0.369	0.369	0.369	0.369
19.450	0.369	0.370	0.370	0.370	0.370
19.700	0.370	0.370	0.371	0.371	0.371
19.950	0.371	0.371	0.371	0.372	0.372
20.200	0.372	0.372	0.372	0.373	0.373
20.450	0.373	0.373	0.373	0.373	0.374
20.700	0.374	0.374	0.374	0.374	0.374
20.950	0.375	0.375	0.375	0.375	0.375
21.200	0.375	0.376	0.376	0.376	0.376

Subsection: Diverted Hydrograph
Label: Outlet-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
21.450	0.376	0.376	0.377	0.377	0.377
21.700	0.377	0.377	0.377	0.377	0.377
21.950	0.377	0.377	0.377	0.377	0.378
22.200	0.378	0.378	0.378	0.378	0.378
22.450	0.378	0.378	0.378	0.378	0.378
22.700	0.378	0.378	0.378	0.378	0.379
22.950	0.379	0.379	0.379	0.379	0.379
23.200	0.380	0.380	0.380	0.380	0.380
23.450	0.380	0.381	0.381	0.381	0.381
23.700	0.381	0.381	0.381	0.382	0.382
23.950	0.382	0.382	0.382	0.382	0.382
24.200	0.382	0.382	0.382	0.382	0.381
24.450	0.381	0.381	0.381	0.381	0.381
24.700	0.381	0.380	0.380	0.380	0.380
24.950	0.380	0.380	0.380	0.379	0.379
25.200	0.379	0.379	0.379	0.379	0.379
25.450	0.378	0.378	0.378	0.378	0.378
25.700	0.378	0.378	0.377	0.377	0.377
25.950	0.377	0.377	0.377	0.377	0.376
26.200	0.376	0.376	0.376	0.376	0.376
26.450	0.376	0.376	0.375	0.375	0.375
26.700	0.375	0.375	0.375	0.375	0.374
26.950	0.374	0.374	0.374	0.374	0.374
27.200	0.374	0.373	0.373	0.373	0.373
27.450	0.373	0.373	0.372	0.372	0.372
27.700	0.372	0.372	0.372	0.372	0.371
27.950	0.371	0.371	0.371	0.371	0.371
28.200	0.371	0.370	0.370	0.370	0.370
28.450	0.370	0.370	0.370	0.369	0.369
28.700	0.369	0.369	0.369	0.369	0.369
28.950	0.368	0.368	0.368	0.368	0.368
29.200	0.368	0.368	0.367	0.367	0.367
29.450	0.367	0.367	0.367	0.367	0.366
29.700	0.366	0.366	0.366	0.366	0.366
29.950	0.366	0.365	0.365	0.365	0.365
30.200	0.365	0.365	0.365	0.365	0.364
30.450	0.364	0.364	0.364	0.364	0.364
30.700	0.364	0.363	0.363	0.363	0.363
30.950	0.363	0.363	0.363	0.362	0.362
31.200	0.362	0.362	0.362	0.362	0.362
31.450	0.361	0.361	0.361	0.361	0.361
31.700	0.361	0.361	0.360	0.360	0.360
31.950	0.360	0.360	0.360	0.360	0.359

Subsection: Diverted Hydrograph
Label: Outlet-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
32.200	0.359	0.359	0.359	0.359	0.359
32.450	0.359	0.358	0.358	0.358	0.358
32.700	0.358	0.358	0.358	0.358	0.357
32.950	0.357	0.357	0.357	0.357	0.357
33.200	0.357	0.356	0.356	0.356	0.356
33.450	0.356	0.356	0.355	0.355	0.355
33.700	0.355	0.355	0.355	0.355	0.354
33.950	0.354	0.354	0.354	0.354	0.354
34.200	0.354	0.353	0.353	0.353	0.353
34.450	0.353	0.353	0.353	0.352	0.352
34.700	0.352	0.352	0.352	0.352	0.352
34.950	0.351	0.351	0.351	0.351	0.351
35.200	0.351	0.351	0.350	0.350	0.350
35.450	0.350	0.350	0.350	0.350	0.349
35.700	0.349	0.349	0.349	0.349	0.349
35.950	0.349	0.348	(N/A)	(N/A)	(N/A)

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	692.76 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
692.76	0.000	0.000	0.0001	0.000	0.000	0.000
692.77	0.000	0.000	0.0001	0.000	0.000	0.000
692.78	0.000	0.000	0.0001	0.000	0.000	0.001
692.79	0.000	0.000	0.0001	0.000	0.000	0.001
692.80	0.000	0.000	0.0001	0.000	0.000	0.002
692.81	0.000	0.000	0.0001	0.000	0.000	0.002
692.82	0.000	0.000	0.0001	0.000	0.000	0.003
692.83	0.000	0.000	0.0001	0.000	0.000	0.003
692.84	0.000	0.000	0.0001	0.000	0.000	0.004
692.85	0.000	0.000	0.0001	0.000	0.000	0.004
692.86	0.000	0.000	0.0001	0.000	0.000	0.005
692.87	0.000	0.000	0.0001	0.000	0.000	0.005
692.88	0.000	0.000	0.0001	0.000	0.000	0.006
692.89	0.000	0.000	0.0001	0.000	0.000	0.006
692.90	0.000	0.000	0.0001	0.000	0.000	0.007
692.91	0.000	0.000	0.0001	0.000	0.000	0.007
692.92	0.000	0.000	0.0001	0.000	0.000	0.008
692.93	0.000	0.000	0.0001	0.000	0.000	0.008
692.94	0.000	0.000	0.0001	0.000	0.000	0.009
692.95	0.000	0.000	0.0001	0.000	0.000	0.009
692.96	0.000	0.000	0.0001	0.000	0.000	0.010
692.97	0.000	0.000	0.0001	0.000	0.000	0.010
692.98	0.000	0.000	0.0001	0.000	0.000	0.011
692.99	0.000	0.000	0.0001	0.000	0.000	0.011
693.00	0.000	0.000	0.0001	0.000	0.000	0.012
693.01	0.000	0.000	0.0001	0.000	0.000	0.012
693.02	0.000	0.000	0.0001	0.000	0.000	0.013
693.03	0.000	0.000	0.0001	0.000	0.000	0.013
693.04	0.000	0.000	0.0001	0.000	0.000	0.014
693.05	0.000	0.000	0.0001	0.000	0.000	0.014

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
693.06	0.000	0.000	0.0001	0.000	0.000	0.015
693.07	0.000	0.000	0.0001	0.000	0.000	0.015
693.08	0.000	0.000	0.0001	0.000	0.000	0.015
693.09	0.000	0.000	0.0001	0.000	0.000	0.016
693.10	0.000	0.000	0.0001	0.000	0.000	0.016
693.11	0.000	0.000	0.0001	0.000	0.000	0.017
693.12	0.000	0.000	0.0001	0.000	0.000	0.017
693.13	0.000	0.000	0.0001	0.000	0.000	0.018
693.14	0.000	0.000	0.0001	0.000	0.000	0.018
693.15	0.000	0.000	0.0001	0.000	0.000	0.019
693.16	0.000	0.000	0.0001	0.000	0.000	0.019
693.17	0.000	0.000	0.0001	0.000	0.000	0.020
693.18	0.000	0.000	0.0001	0.000	0.000	0.020
693.19	0.000	0.000	0.0001	0.000	0.000	0.021
693.20	0.000	0.000	0.0001	0.000	0.000	0.021
693.21	0.000	0.000	0.0001	0.000	0.000	0.022
693.22	0.000	0.000	0.0001	0.000	0.000	0.022
693.23	0.000	0.000	0.0001	0.000	0.000	0.023
693.24	0.000	0.000	0.0001	0.000	0.000	0.023
693.25	0.000	0.000	0.0001	0.000	0.000	0.024
693.26	0.000	0.000	0.0001	0.000	0.000	0.024
693.27	0.000	0.000	0.0001	0.000	0.000	0.025
693.28	0.000	0.000	0.0001	0.000	0.000	0.025
693.29	0.000	0.000	0.0001	0.000	0.000	0.026
693.30	0.000	0.000	0.0001	0.000	0.000	0.026
693.31	0.000	0.000	0.0001	0.000	0.000	0.027
693.32	0.000	0.000	0.0001	0.000	0.000	0.027
693.33	0.000	0.000	0.0001	0.000	0.000	0.028
693.34	0.000	0.000	0.0001	0.000	0.000	0.028
693.35	0.000	0.000	0.0001	0.000	0.000	0.029
693.36	0.000	0.000	0.0001	0.000	0.000	0.029
693.37	0.000	0.000	0.0001	0.000	0.000	0.030
693.38	0.000	0.000	0.0001	0.000	0.000	0.030
693.39	0.000	0.000	0.0001	0.000	0.000	0.030
693.40	0.000	0.000	0.0001	0.000	0.000	0.031
693.41	0.000	0.000	0.0001	0.000	0.000	0.031
693.42	0.000	0.000	0.0001	0.000	0.000	0.032
693.43	0.000	0.000	0.0001	0.000	0.000	0.032
693.44	0.000	0.000	0.0001	0.000	0.000	0.033
693.45	0.000	0.000	0.0001	0.000	0.000	0.033
693.46	0.000	0.000	0.0001	0.000	0.000	0.034
693.47	0.000	0.001	0.3798	0.000	0.000	0.657
693.48	0.000	0.005	0.3798	0.000	0.000	2.495
693.49	0.000	0.009	0.3798	0.000	0.000	4.333
693.50	0.000	0.013	0.3798	0.000	0.000	6.172

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
693.51	0.000	0.017	0.3798	0.000	0.000	8.010
693.52	0.000	0.020	0.3798	0.000	0.000	9.848
693.53	0.000	0.024	0.3798	0.000	0.000	11.686
693.54	0.000	0.028	0.3798	0.000	0.000	13.525
693.55	0.000	0.032	0.3798	0.000	0.000	15.363
693.56	0.000	0.036	0.3798	0.000	0.000	17.201
693.57	0.000	0.039	0.3798	0.000	0.000	19.040
693.58	0.000	0.043	0.3798	0.000	0.000	20.878
693.59	0.000	0.047	0.3798	0.000	0.000	22.716
693.60	0.000	0.051	0.3798	0.000	0.000	24.554
693.61	0.000	0.055	0.3798	0.000	0.000	26.393
693.62	0.000	0.058	0.3798	0.000	0.000	28.231
693.63	0.000	0.062	0.3798	0.000	0.000	30.069
693.64	0.000	0.066	0.3798	0.000	0.000	31.908
693.65	0.000	0.070	0.3798	0.000	0.000	33.746
693.66	0.000	0.074	0.3798	0.000	0.000	35.584
693.67	0.000	0.077	0.3798	0.000	0.000	37.422
693.68	0.000	0.081	0.3798	0.000	0.000	39.261
693.69	0.000	0.085	0.3798	0.000	0.000	41.099
693.70	0.000	0.089	0.3798	0.000	0.000	42.937
693.71	0.000	0.093	0.3798	0.000	0.000	44.775
693.72	0.000	0.096	0.3798	0.000	0.000	46.614
693.73	0.000	0.100	0.3798	0.000	0.000	48.452
693.74	0.000	0.104	0.3798	0.000	0.000	50.290
693.75	0.000	0.108	0.3798	0.000	0.000	52.129
693.76	0.000	0.112	0.3798	0.000	0.000	53.967
693.77	0.000	0.115	0.3798	0.000	0.000	55.805
693.78	0.000	0.119	0.3798	0.000	0.000	57.643
693.79	0.000	0.123	0.3798	0.000	0.000	59.482
693.80	0.000	0.127	0.3798	0.000	0.000	61.320
693.81	0.000	0.130	0.3798	0.000	0.000	63.158
693.82	0.000	0.134	0.3798	0.000	0.000	64.997
693.83	0.000	0.138	0.3798	0.000	0.000	66.835
693.84	0.000	0.142	0.3798	0.000	0.000	68.673
693.85	0.000	0.146	0.3798	0.000	0.000	70.511
693.86	0.000	0.149	0.3798	0.000	0.000	72.350
693.87	0.000	0.153	0.3798	0.000	0.000	74.188
693.88	0.000	0.157	0.3798	0.000	0.000	76.026
693.89	0.000	0.161	0.3798	0.000	0.000	77.865
693.90	0.000	0.165	0.3798	0.000	0.000	79.703
693.91	0.000	0.168	0.3798	0.000	0.000	81.541
693.92	0.000	0.172	0.3798	0.000	0.000	83.379
693.93	0.000	0.176	0.3798	0.000	0.000	85.218
693.94	0.000	0.180	0.3798	0.000	0.000	87.056
693.95	0.000	0.184	0.3798	0.000	0.000	88.894

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
693.96	0.000	0.187	0.3798	0.000	0.000	90.732
693.97	0.000	0.191	0.3798	0.000	0.000	92.571
693.98	0.000	0.195	0.3798	0.000	0.000	94.409
693.99	0.000	0.199	0.3798	0.000	0.000	96.247
694.00	0.000	0.203	0.3798	0.000	0.000	98.086
694.01	0.000	0.206	0.3798	0.000	0.000	99.924
694.02	0.000	0.210	0.3798	0.000	0.000	101.762
694.03	0.000	0.214	0.3798	0.000	0.000	103.600
694.04	0.000	0.218	0.3798	0.000	0.000	105.439
694.05	0.000	0.222	0.3798	0.000	0.000	107.277
694.06	0.000	0.225	0.3798	0.000	0.000	109.115
694.07	0.000	0.229	0.3798	0.000	0.000	110.954
694.08	0.000	0.233	0.3798	0.000	0.000	112.792
694.09	0.000	0.237	0.3798	0.000	0.000	114.630
694.10	0.000	0.241	0.3798	0.000	0.000	116.468
694.11	0.000	0.244	0.3798	0.000	0.000	118.307
694.12	0.000	0.248	0.3798	0.000	0.000	120.145
694.13	0.000	0.252	0.3798	0.000	0.000	121.983
694.14	0.000	0.256	0.3798	0.000	0.000	123.822
694.15	0.000	0.260	0.3798	0.000	0.000	125.660
694.16	0.000	0.263	0.3798	0.000	0.000	127.498
694.17	0.000	0.267	0.3798	0.000	0.000	129.336
694.18	0.000	0.271	0.3798	0.000	0.000	131.175
694.19	0.000	0.275	0.3798	0.000	0.000	133.013
694.20	0.000	0.279	0.3798	0.000	0.000	134.851
694.21	0.000	0.282	0.3798	0.000	0.000	136.689
694.22	0.000	0.286	0.3798	0.000	0.000	138.528
694.23	0.000	0.290	0.3798	0.000	0.000	140.366
694.24	0.000	0.294	0.3798	0.000	0.000	142.204
694.25	0.000	0.298	0.3798	0.000	0.000	144.043
694.26	0.000	0.301	0.3798	0.000	0.000	145.881
694.27	0.000	0.305	0.3798	0.000	0.000	147.719
694.28	0.000	0.309	0.3798	0.000	0.000	149.557
694.29	0.000	0.313	0.3798	0.000	0.000	151.396
694.30	0.000	0.317	0.3798	0.000	0.000	153.234
694.31	0.000	0.320	0.3798	0.000	0.000	155.072
694.32	0.000	0.324	0.3798	0.000	0.000	156.911
694.33	0.000	0.328	0.3798	0.000	0.000	158.749
694.34	0.000	0.332	0.3798	0.000	0.000	160.587
694.35	0.000	0.336	0.3798	0.000	0.000	162.425
694.36	0.000	0.339	0.3798	0.000	0.000	164.264
694.37	0.000	0.343	0.3798	0.000	0.000	166.102
694.38	0.000	0.347	0.3798	0.000	0.000	167.940
694.39	0.000	0.351	0.3798	0.000	0.000	169.779
694.40	0.000	0.355	0.3798	0.000	0.000	171.617

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
694.41	0.000	0.358	0.3798	0.000	0.000	173.455
694.42	0.000	0.362	0.3798	0.000	0.000	175.293
694.43	0.000	0.366	0.3798	0.000	0.000	177.132
694.44	0.000	0.370	0.3798	0.000	0.000	178.970
694.45	0.000	0.374	0.3798	0.000	0.000	180.808
694.46	0.000	0.377	0.3798	0.000	0.000	182.647
694.47	0.000	0.381	0.3798	0.000	0.000	184.485
694.48	0.000	0.385	0.3798	0.000	0.000	186.323
694.49	0.000	0.389	0.3798	0.000	0.000	188.161
694.50	0.000	0.393	0.3798	0.000	0.000	190.000
694.51	0.000	0.396	0.3798	0.000	0.000	191.838
694.52	0.000	0.400	0.3798	0.000	0.000	193.676
694.53	0.000	0.404	0.3798	0.000	0.000	195.514
694.54	0.000	0.408	0.3798	0.000	0.000	197.353
694.55	0.000	0.412	0.3798	0.000	0.000	199.191
694.56	0.000	0.415	0.3798	0.000	0.000	201.029
694.57	0.000	0.419	0.3798	0.000	0.000	202.868
694.58	0.000	0.423	0.3798	0.000	0.000	204.706
694.59	0.000	0.427	0.3798	0.000	0.000	206.544
694.60	0.000	0.431	0.3798	0.000	0.000	208.382
694.61	0.000	0.434	0.3798	0.000	0.000	210.221
694.62	0.000	0.438	0.3798	0.000	0.000	212.059
694.63	0.000	0.442	0.3798	0.000	0.000	213.897
694.64	0.000	0.446	0.3798	0.000	0.000	215.736
694.65	0.000	0.450	0.3798	0.000	0.000	217.574
694.66	0.000	0.453	0.3798	0.000	0.000	219.412
694.67	0.000	0.457	0.3798	0.000	0.000	221.250
694.68	0.000	0.461	0.3798	0.000	0.000	223.089
694.69	0.000	0.465	0.3798	0.000	0.000	224.927
694.70	0.000	0.469	0.3798	0.000	0.000	226.765
694.71	0.000	0.472	0.3798	0.000	0.000	228.604
694.72	0.000	0.476	0.3798	0.000	0.000	230.442
694.73	0.000	0.480	0.3798	0.000	0.000	232.280
694.74	0.000	0.484	0.3798	0.000	0.000	234.118
694.75	0.000	0.488	0.3798	0.000	0.000	235.957
694.76	0.000	0.491	0.3798	0.000	0.000	237.795
694.77	0.000	0.495	0.3798	0.000	0.000	239.633
694.78	0.000	0.499	0.3798	0.000	0.000	241.471
694.79	0.000	0.503	0.3798	0.000	0.000	243.310
694.80	0.000	0.507	0.3798	0.000	0.000	245.148
694.81	0.000	0.510	0.3798	0.000	0.000	246.986
694.82	0.000	0.514	0.3798	0.000	0.000	248.825
694.83	0.000	0.518	0.3798	0.000	0.000	250.663
694.84	0.000	0.522	0.3798	0.000	0.000	252.501
694.85	0.000	0.525	0.3798	0.000	0.000	254.339

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
694.86	0.000	0.529	0.3798	0.000	0.000	256.178
694.87	0.000	0.533	0.3798	0.000	0.000	258.016
694.88	0.000	0.537	0.3798	0.000	0.000	259.854
694.89	0.000	0.541	0.3798	0.000	0.000	261.693
694.90	0.000	0.544	0.3798	0.000	0.000	263.531
694.91	0.000	0.548	0.3798	0.000	0.000	265.369
694.92	0.000	0.552	0.3798	0.000	0.000	267.207
694.93	0.000	0.556	0.3798	0.000	0.000	269.046
694.94	0.000	0.560	0.3798	0.000	0.000	270.884
694.95	0.000	0.563	0.3798	0.000	0.000	272.722
694.96	0.000	0.567	0.3798	0.000	0.000	274.561
694.97	0.000	0.571	0.3798	0.000	0.000	276.399
694.98	0.000	0.575	0.3798	0.000	0.000	278.237
694.99	0.000	0.579	0.3798	0.000	0.000	280.075
695.00	0.000	0.582	0.3798	0.000	0.000	281.914
695.01	0.000	0.586	0.3798	0.000	0.000	283.752
695.02	0.000	0.590	0.3798	0.000	0.000	285.590
695.03	0.000	0.594	0.3798	0.000	0.000	287.428
695.04	0.000	0.598	0.3798	0.000	0.000	289.267
695.05	0.000	0.601	0.3798	0.000	0.000	291.105
695.06	0.000	0.605	0.3798	0.000	0.000	292.943
695.07	0.000	0.609	0.3798	0.000	0.000	294.782
695.08	0.000	0.613	0.3798	0.000	0.000	296.620
695.09	0.000	0.617	0.3798	0.000	0.000	298.458
695.10	0.000	0.620	0.3798	0.000	0.000	300.296
695.11	0.000	0.624	0.3798	0.000	0.000	302.135
695.12	0.000	0.628	0.3798	0.000	0.000	303.973
695.13	0.000	0.632	0.3798	0.000	0.000	305.811
695.14	0.000	0.636	0.3798	0.000	0.000	307.650
695.15	0.000	0.639	0.3798	0.000	0.000	309.488
695.16	0.000	0.643	0.3798	0.000	0.000	311.326
695.17	0.000	0.647	0.3798	0.000	0.000	313.164
695.18	0.000	0.651	0.3798	0.000	0.000	315.003
695.19	0.000	0.655	0.3798	0.000	0.000	316.841
695.20	0.000	0.658	0.3798	0.000	0.000	318.679
695.21	0.000	0.662	0.3798	0.000	0.000	320.518
695.22	0.000	0.666	0.3798	0.000	0.000	322.356
695.23	0.000	0.670	0.3798	0.000	0.000	324.194
695.24	0.000	0.674	0.3798	0.000	0.000	326.032
695.25	0.000	0.677	0.3798	0.000	0.000	327.871
695.26	0.000	0.681	0.3798	0.000	0.000	329.709
695.27	0.000	0.685	0.3798	0.000	0.000	331.547
695.28	0.000	0.689	0.3798	0.000	0.000	333.385
695.29	0.000	0.693	0.3798	0.000	0.000	335.224
695.30	0.000	0.696	0.3798	0.000	0.000	337.062

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
695.31	0.000	0.700	0.3798	0.000	0.000	338.900
695.32	0.000	0.704	0.3798	0.000	0.000	340.739
695.33	0.000	0.708	0.3798	0.000	0.000	342.577
695.34	0.000	0.712	0.3798	0.000	0.000	344.415
695.35	0.000	0.715	0.3798	0.000	0.000	346.253
695.36	0.000	0.719	0.3798	0.000	0.000	348.092
695.37	0.000	0.723	0.3798	0.000	0.000	349.930
695.38	0.000	0.727	0.3798	0.000	0.000	351.768
695.39	0.000	0.731	0.3798	0.000	0.000	353.607
695.40	0.000	0.734	0.3798	0.000	0.000	355.445
695.41	0.000	0.738	0.3798	0.000	0.000	357.283
695.42	0.000	0.742	0.3798	0.000	0.000	359.121
695.43	0.000	0.746	0.3798	0.000	0.000	360.960
695.44	0.000	0.750	0.3798	0.000	0.000	362.798
695.45	0.000	0.753	0.3798	0.000	0.000	364.636
695.46	0.000	0.757	0.3798	0.000	0.000	366.475
695.47	0.000	0.761	0.3798	0.000	0.000	368.313
695.48	0.000	0.765	0.3798	0.000	0.000	370.151
695.49	0.000	0.769	0.3798	0.000	0.000	371.989
695.50	0.000	0.772	0.3798	0.000	0.000	373.828
695.51	0.000	0.776	0.3798	0.000	0.000	375.666
695.52	0.000	0.780	0.3798	0.000	0.000	377.504
695.53	0.000	0.784	0.3798	0.000	0.000	379.343
695.54	0.000	0.788	0.3798	0.000	0.000	381.181
695.55	0.000	0.791	0.3798	0.000	0.000	383.019
695.56	0.000	0.795	0.3798	0.000	0.000	384.857
695.57	0.000	0.799	0.3798	0.000	0.000	386.696
695.58	0.000	0.803	0.3798	0.000	0.000	388.534
695.59	0.000	0.807	0.3798	0.000	0.000	390.372
695.60	0.000	0.810	0.3798	0.000	0.000	392.210
695.61	0.000	0.814	0.3798	0.000	0.000	394.049
695.62	0.000	0.818	0.3798	0.000	0.000	395.887
695.63	0.000	0.822	0.3798	0.000	0.000	397.725
695.64	0.000	0.826	0.3798	0.000	0.000	399.564
695.65	0.000	0.829	0.3798	0.000	0.000	401.402
695.66	0.000	0.833	0.3798	0.000	0.000	403.240
695.67	0.000	0.837	0.3798	0.000	0.000	405.078
695.68	0.000	0.841	0.3798	0.000	0.000	406.917
695.69	0.000	0.845	0.3798	0.000	0.000	408.755
695.70	0.000	0.848	0.3798	0.000	0.000	410.593
695.71	0.000	0.852	0.3798	0.000	0.000	412.432
695.72	0.000	0.856	0.3798	0.000	0.000	414.270
695.73	0.000	0.860	0.3798	0.000	0.000	416.108
695.74	0.000	0.864	0.3798	0.000	0.000	417.946
695.75	0.000	0.867	0.3798	0.000	0.000	419.785

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft³/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
695.76	0.000	0.871	0.3798	0.000	0.000	421.623
695.77	0.000	0.875	0.3798	0.000	0.000	423.461
695.78	0.000	0.879	0.3798	0.000	0.000	425.300
695.79	0.000	0.883	0.3798	0.000	0.000	427.138
695.80	0.000	0.886	0.3798	0.000	0.000	428.976
695.81	0.000	0.890	0.3798	0.000	0.000	430.814
695.82	0.000	0.894	0.3798	0.000	0.000	432.653
695.83	0.000	0.898	0.3798	0.000	0.000	434.491
695.84	0.000	0.902	0.3798	0.000	0.000	436.329
695.85	0.000	0.905	0.3798	0.000	0.000	438.167
695.86	0.000	0.909	0.3798	0.000	0.000	440.006
695.87	0.000	0.913	0.3798	0.000	0.000	441.844
695.88	0.000	0.917	0.3798	0.000	0.000	443.682
695.89	0.000	0.920	0.3798	0.000	0.000	445.521
695.90	0.000	0.924	0.3798	0.000	0.000	447.359
695.91	0.000	0.928	0.3798	0.000	0.000	449.197
695.92	0.000	0.932	0.3798	0.000	0.000	451.035
695.93	0.000	0.936	0.3798	0.000	0.000	452.874
695.94	0.000	0.939	0.3798	0.000	0.000	454.712
695.95	0.000	0.943	0.3798	0.000	0.000	456.550
695.96	0.000	0.947	0.3798	0.000	0.000	458.389
695.97	0.000	0.951	0.3798	0.000	0.000	460.227
695.98	0.000	0.955	0.3798	0.000	0.000	462.065
695.99	0.000	0.958	0.3798	0.000	0.000	463.903
696.00	0.000	0.962	0.3798	0.000	0.000	465.742
696.01	0.000	0.966	0.3798	0.000	0.000	467.580
696.02	0.000	0.970	0.3798	0.000	0.000	469.418
696.03	0.000	0.974	0.3798	0.000	0.000	471.257
696.04	0.000	0.977	0.3798	0.000	0.000	473.095
696.05	0.000	0.981	0.3798	0.000	0.000	474.933
696.06	0.000	0.985	0.3798	0.000	0.000	476.771
696.07	0.000	0.989	0.3798	0.000	0.000	478.610
696.08	0.000	0.993	0.3798	0.000	0.000	480.448
696.09	0.000	0.996	0.3798	0.000	0.000	482.286
696.10	0.000	1.000	0.3798	0.000	0.000	484.124
696.11	0.000	1.004	0.3798	0.000	0.000	485.963
696.12	0.000	1.008	0.3798	0.000	0.000	487.801
696.13	0.000	1.012	0.3798	0.000	0.000	489.639
696.14	0.000	1.015	0.3798	0.000	0.000	491.478
696.15	0.000	1.019	0.3798	0.000	0.000	493.316
696.16	0.000	1.023	0.3798	0.000	0.000	495.154
696.17	0.000	1.027	0.3798	0.000	0.000	496.992
696.18	0.000	1.031	0.3798	0.000	0.000	498.831
696.19	0.000	1.034	0.3798	0.000	0.000	500.669
696.20	0.000	1.038	0.3798	0.000	0.000	502.507

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
696.21	0.000	1.042	0.3798	0.000	0.000	504.346
696.22	0.000	1.046	0.3798	0.000	0.000	506.184
696.23	0.000	1.050	0.3798	0.000	0.000	508.022
696.24	0.000	1.053	0.3798	0.000	0.000	509.860
696.25	0.000	1.057	0.3798	0.000	0.000	511.699
696.26	0.000	1.061	0.3798	0.000	0.000	513.537
696.27	0.000	1.065	0.3798	0.000	0.000	515.375
696.28	0.000	1.069	0.3798	0.000	0.000	517.214
696.29	0.000	1.072	0.3798	0.000	0.000	519.052
696.30	0.000	1.076	0.3798	0.000	0.000	520.890
696.31	0.000	1.080	0.3798	0.000	0.000	522.728
696.32	0.000	1.084	0.3798	0.000	0.000	524.567
696.33	0.000	1.088	0.3798	0.000	0.000	526.405
696.34	0.000	1.091	0.3798	0.000	0.000	528.243
696.35	0.000	1.095	0.3798	0.000	0.000	530.081
696.36	0.000	1.099	0.3798	0.000	0.000	531.920
696.37	0.000	1.103	0.3798	0.000	0.000	533.758
696.38	0.000	1.107	0.3798	0.000	0.000	535.596
696.39	0.000	1.110	0.3798	0.000	0.000	537.435
696.40	0.000	1.114	0.3798	0.000	0.000	539.273
696.41	0.000	1.118	0.3798	0.000	0.000	541.111
696.42	0.000	1.122	0.3798	0.000	0.000	542.949
696.43	0.000	1.126	0.3798	0.000	0.000	544.788
696.44	0.000	1.129	0.3798	0.000	0.000	546.626
696.45	0.000	1.133	0.3798	0.000	0.000	548.464
696.46	0.000	1.137	0.3798	0.000	0.000	550.303
696.47	0.000	1.141	0.3798	0.000	0.000	552.141
696.48	0.000	1.145	0.3798	0.000	0.000	553.979
696.49	0.000	1.148	0.3798	0.000	0.000	555.817
696.50	0.000	1.152	0.3798	0.000	0.000	557.656
696.51	0.000	1.156	0.3798	0.000	0.000	559.494
696.52	0.000	1.160	0.3798	0.000	0.000	561.332
696.53	0.000	1.164	0.3798	0.000	0.000	563.171
696.54	0.000	1.167	0.3798	0.000	0.000	565.009
696.55	0.000	1.171	0.3798	0.000	0.000	566.847
696.56	0.000	1.175	0.3798	0.000	0.000	568.685
696.57	0.000	1.179	0.3798	0.000	0.000	570.524
696.58	0.000	1.183	0.3798	0.000	0.000	572.362
696.59	0.000	1.186	0.3798	0.000	0.000	574.200
696.60	0.000	1.190	0.3798	0.000	0.000	576.039
696.61	0.000	1.194	0.3798	0.000	0.000	577.877
696.62	0.000	1.198	0.3798	0.000	0.000	579.715
696.63	0.000	1.202	0.3798	0.000	0.000	581.553
696.64	0.000	1.205	0.3798	0.000	0.000	583.392
696.65	0.000	1.209	0.3798	0.000	0.000	585.230

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
696.66	0.000	1.213	0.3798	0.000	0.000	587.068
696.67	0.000	1.217	0.3798	0.000	0.000	588.906
696.68	0.000	1.221	0.3798	0.000	0.000	590.745
696.69	0.000	1.224	0.3798	0.000	0.000	592.583
696.70	0.000	1.228	0.3798	0.000	0.000	594.421
696.71	0.000	1.232	0.3798	0.000	0.000	596.260
696.72	0.000	1.236	0.3798	0.000	0.000	598.098
696.73	0.000	1.240	0.3798	0.000	0.000	599.936
696.74	0.000	1.243	0.3798	0.000	0.000	601.774
696.75	0.000	1.247	0.3798	0.000	0.000	603.613
696.76	0.000	1.251	0.3798	0.000	0.000	605.451
696.77	0.000	1.255	0.3798	0.000	0.000	607.289
696.78	0.000	1.259	0.3798	0.000	0.000	609.128
696.79	0.000	1.262	0.3798	0.000	0.000	610.966
696.80	0.000	1.266	0.3798	0.000	0.000	612.804
696.81	0.000	1.270	0.3798	0.000	0.000	614.642
696.82	0.000	1.274	0.3798	0.000	0.000	616.481
696.83	0.000	1.278	0.3798	0.000	0.000	618.319
696.84	0.000	1.281	0.3798	0.000	0.000	620.157
696.85	0.000	1.285	0.3798	0.000	0.000	621.996
696.86	0.000	1.289	0.3798	0.000	0.000	623.834
696.87	0.000	1.293	0.3798	0.000	0.000	625.672
696.88	0.000	1.297	0.3798	0.000	0.000	627.510
696.89	0.000	1.300	0.3798	0.000	0.000	629.349
696.90	0.000	1.304	0.3798	0.000	0.000	631.187
696.91	0.000	1.308	0.3798	0.000	0.000	633.025
696.92	0.000	1.312	0.3798	0.000	0.000	634.863
696.93	0.000	1.315	0.3798	0.000	0.000	636.702
696.94	0.000	1.319	0.3798	0.000	0.000	638.540
696.95	0.000	1.323	0.3798	0.000	0.000	640.378
696.96	0.000	1.327	0.3798	0.000	0.000	642.217
696.97	0.000	1.331	0.3798	0.000	0.000	644.055
696.98	0.000	1.334	0.3798	0.000	0.000	645.893
696.99	0.000	1.338	0.3798	0.000	0.000	647.731
697.00	0.000	1.342	0.3798	0.000	0.000	649.570
697.01	0.000	1.346	0.3798	0.000	0.000	651.408
697.02	0.000	1.350	0.3798	0.000	0.000	653.246
697.03	0.000	1.353	0.3798	0.000	0.000	655.085
697.04	0.000	1.357	0.3798	0.000	0.000	656.923
697.05	0.000	1.361	0.3798	0.000	0.000	658.761
697.06	0.000	1.365	0.3798	0.000	0.000	660.599
697.07	0.000	1.369	0.3798	0.000	0.000	662.438
697.08	0.000	1.372	0.3798	0.000	0.000	664.276
697.09	0.000	1.376	0.3798	0.000	0.000	666.114
697.10	0.000	1.380	0.3798	0.000	0.000	667.953

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft³/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
697.11	0.000	1.384	0.3798	0.000	0.000	669.791
697.12	0.000	1.388	0.3798	0.000	0.000	671.629
697.13	0.000	1.391	0.3798	0.000	0.000	673.467
697.14	0.000	1.395	0.3798	0.000	0.000	675.306
697.15	0.000	1.399	0.3798	0.000	0.000	677.144
697.16	0.000	1.403	0.3798	0.000	0.000	678.982
697.17	0.000	1.407	0.3798	0.000	0.000	680.820
697.18	0.000	1.410	0.3798	0.000	0.000	682.659
697.19	0.000	1.414	0.3798	0.000	0.000	684.497
697.20	0.000	1.418	0.3798	0.000	0.000	686.335
697.21	0.000	1.422	0.3798	0.000	0.000	688.174
697.22	0.000	1.426	0.3798	0.000	0.000	690.012
697.23	0.000	1.429	0.3798	0.000	0.000	691.850
697.24	0.000	1.433	0.3798	0.000	0.000	693.688
697.25	0.000	1.437	0.3798	0.000	0.000	695.527
697.26	0.000	1.441	0.3798	0.000	0.000	697.365
697.27	0.000	1.445	0.3798	0.000	0.000	699.203
697.28	0.000	1.448	0.3798	0.000	0.000	701.042
697.29	0.000	1.452	0.3798	0.000	0.000	702.880
697.30	0.000	1.456	0.3798	0.000	0.000	704.718
697.31	0.000	1.460	0.3798	0.000	0.000	706.556
697.32	0.000	1.464	0.3798	0.000	0.000	708.395
697.33	0.000	1.467	0.3798	0.000	0.000	710.233
697.34	0.000	1.471	0.3798	0.000	0.000	712.071
697.35	0.000	1.475	0.3798	0.000	0.000	713.910
697.36	0.000	1.479	0.3798	0.000	0.000	715.748
697.37	0.000	1.483	0.3798	0.000	0.000	717.586
697.38	0.000	1.486	0.3798	0.000	0.000	719.424
697.39	0.000	1.490	0.3798	0.000	0.000	721.263
697.40	0.000	1.494	0.3798	0.000	0.000	723.101
697.41	0.000	1.498	0.3798	0.000	0.000	724.939
697.42	0.000	1.502	0.3798	0.000	0.000	726.778
697.43	0.000	1.505	0.3798	0.000	0.000	728.616
697.44	0.000	1.509	0.3798	0.000	0.000	730.454
697.45	0.000	1.513	0.3798	0.000	0.000	732.292
697.46	0.000	1.517	0.3798	0.000	0.000	734.131
697.47	0.000	1.521	0.3798	0.000	0.000	735.969
697.48	0.000	1.524	0.3798	0.000	0.000	737.807
697.49	0.000	1.528	0.3798	0.000	0.000	739.645
697.50	0.000	1.532	0.3798	0.000	0.000	741.484
697.51	0.000	1.536	0.3798	0.000	0.000	743.322
697.52	0.000	1.540	0.3798	0.000	0.000	745.160
697.53	0.000	1.543	0.3798	0.000	0.000	746.999
697.54	0.000	1.547	0.3798	0.000	0.000	748.837
697.55	0.000	1.551	0.3798	0.000	0.000	750.675

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
697.56	0.000	1.555	0.3798	0.000	0.000	752.513
697.57	0.000	1.559	0.3798	0.000	0.000	754.352
697.58	0.000	1.562	0.3798	0.000	0.000	756.190
697.59	0.000	1.566	0.3798	0.000	0.000	758.028
697.60	0.000	1.570	0.3798	0.000	0.000	759.867
697.61	0.000	1.574	0.3798	0.000	0.000	761.705
697.62	0.000	1.578	0.3798	0.000	0.000	763.543
697.63	0.000	1.581	0.3798	0.000	0.000	765.381
697.64	0.000	1.585	0.3798	0.000	0.000	767.220
697.65	0.000	1.589	0.3798	0.000	0.000	769.058
697.66	0.000	1.593	0.3798	0.000	0.000	770.896
697.67	0.000	1.597	0.3798	0.000	0.000	772.735
697.68	0.000	1.600	0.3798	0.000	0.000	774.573
697.69	0.000	1.604	0.3798	0.000	0.000	776.411
697.70	0.000	1.608	0.3798	0.000	0.000	778.249
697.71	0.000	1.612	0.3798	0.000	0.000	780.088
697.72	0.000	1.616	0.3798	0.000	0.000	781.926
697.73	0.000	1.619	0.3798	0.000	0.000	783.764
697.74	0.000	1.623	0.3798	0.000	0.000	785.602
697.75	0.000	1.627	0.3798	0.000	0.000	787.441
697.76	0.000	1.631	0.3798	0.000	0.000	789.279
697.77	0.000	1.635	0.3798	0.000	0.000	791.117
697.78	0.000	1.638	0.3798	0.000	0.000	792.956
697.79	0.000	1.642	0.3798	0.000	0.000	794.794
697.80	0.000	1.646	0.3798	0.000	0.000	796.632
697.81	0.000	1.650	0.3798	0.000	0.000	798.470
697.82	0.000	1.654	0.3798	0.000	0.000	800.309
697.83	0.000	1.657	0.3798	0.000	0.000	802.147
697.84	0.000	1.661	0.3798	0.000	0.000	803.985
697.85	0.000	1.665	0.3798	0.000	0.000	805.824
697.86	0.000	1.669	0.3798	0.000	0.000	807.662
697.87	0.000	1.673	0.3798	0.000	0.000	809.500
697.88	0.000	1.676	0.3798	0.000	0.000	811.338
697.89	0.000	1.680	0.3798	0.000	0.000	813.177
697.90	0.000	1.684	0.3798	0.000	0.000	815.015
697.91	0.000	1.688	0.3798	0.000	0.000	816.853
697.92	0.000	1.692	0.3798	0.000	0.000	818.692
697.93	0.000	1.695	0.3798	0.000	0.000	820.530
697.94	0.000	1.699	0.3798	0.000	0.000	822.368
697.95	0.000	1.703	0.3798	0.000	0.000	824.206
697.96	0.000	1.707	0.3798	0.000	0.000	826.045
697.97	0.000	1.711	0.3798	0.000	0.000	827.883
697.98	0.000	1.714	0.3798	0.000	0.000	829.721
697.99	0.000	1.718	0.3798	0.000	0.000	831.559
698.00	0.000	1.722	0.3798	0.000	0.000	833.398

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
698.01	0.000	1.726	0.3798	0.000	0.000	835.236
698.02	0.000	1.729	0.3798	0.000	0.000	837.074
698.03	0.000	1.733	0.3798	0.000	0.000	838.913
698.04	0.000	1.737	0.3798	0.000	0.000	840.751
698.05	0.000	1.741	0.3798	0.000	0.000	842.589
698.06	0.000	1.745	0.3798	0.000	0.000	844.427
698.07	0.000	1.748	0.3798	0.000	0.000	846.266
698.08	0.000	1.752	0.3798	0.000	0.000	848.104
698.09	0.000	1.756	0.3798	0.000	0.000	849.942
698.10	0.000	1.760	0.3798	0.000	0.000	851.781
698.11	0.000	1.764	0.3798	0.000	0.000	853.619
698.12	0.000	1.767	0.3798	0.000	0.000	855.457
698.13	0.000	1.771	0.3798	0.000	0.000	857.295
698.14	0.000	1.775	0.3798	0.000	0.000	859.134
698.15	0.000	1.779	0.3798	0.000	0.000	860.972
698.16	0.000	1.783	0.3798	0.000	0.000	862.810
698.17	0.000	1.786	0.3798	0.000	0.000	864.649
698.18	0.000	1.790	0.3798	0.000	0.000	866.487
698.19	0.000	1.794	0.3798	0.000	0.000	868.325
698.20	0.000	1.798	0.3798	0.000	0.000	870.163
698.21	0.000	1.802	0.3798	0.000	0.000	872.002
698.22	0.000	1.805	0.3798	0.000	0.000	873.840
698.23	0.000	1.809	0.3798	0.000	0.000	875.678
698.24	0.000	1.813	0.3798	0.000	0.000	877.516
698.25	0.000	1.817	0.3798	0.000	0.000	879.355
698.26	0.000	1.821	0.3798	0.000	0.000	881.193
698.27	0.000	1.824	0.3798	0.000	0.000	883.031
698.28	0.000	1.828	0.3798	0.000	0.000	884.870
698.29	0.000	1.832	0.3798	0.000	0.000	886.708
698.30	0.000	1.836	0.3798	0.000	0.000	888.546
698.31	0.000	1.840	0.3798	0.000	0.000	890.384
698.32	0.000	1.843	0.3798	0.000	0.000	892.223
698.33	0.000	1.847	0.3798	0.000	0.000	894.061
698.34	0.000	1.851	0.3798	0.000	0.000	895.899
698.35	0.000	1.855	0.3798	0.000	0.000	897.738
698.36	0.000	1.859	0.3798	0.000	0.000	899.576
698.37	0.000	1.862	0.3798	0.000	0.000	901.414
698.38	0.000	1.866	0.3798	0.000	0.000	903.252
698.39	0.000	1.870	0.3798	0.000	0.000	905.091
698.40	0.000	1.874	0.3798	0.000	0.000	906.929
698.41	0.000	1.878	0.3798	0.000	0.000	908.767
698.42	0.000	1.881	0.3798	0.000	0.000	910.606
698.43	0.000	1.885	0.3798	0.000	0.000	912.444
698.44	0.000	1.889	0.3798	0.000	0.000	914.282
698.45	0.000	1.893	0.3798	0.000	0.000	916.120

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft^3/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft^3/s)	Flow (Total) (ft^3/s)	2S/t + O (ft^3/s)
698.46	0.000	1.897	0.3798	0.000	0.000	917.959
698.47	0.000	1.900	0.3798	0.000	0.000	919.797
698.48	0.168	1.904	0.3798	0.000	0.168	921.804
698.49	0.337	1.908	0.3798	0.000	0.337	923.810
698.50	0.505	1.912	0.3798	0.000	0.505	925.817
698.51	0.674	1.916	0.3798	0.000	0.674	927.824
698.52	0.842	1.919	0.3798	0.000	0.842	929.831
698.53	1.011	1.923	0.3798	0.000	1.011	931.837
698.54	1.179	1.927	0.3798	0.000	1.179	933.844
698.55	1.348	1.931	0.3798	0.000	1.348	935.851
698.56	1.516	1.935	0.3798	0.000	1.516	937.858
698.57	1.685	1.938	0.3798	0.000	1.685	939.864
698.58	1.853	1.942	0.3798	0.000	1.853	941.871
698.59	2.021	1.946	0.3798	0.000	2.021	943.878
698.60	2.190	1.950	0.3798	0.000	2.190	945.885
698.61	2.360	1.954	0.3798	0.000	2.360	947.893
698.62	2.534	1.957	0.3798	0.000	2.534	949.906
698.63	2.716	1.961	0.3798	0.000	2.716	951.926
698.64	2.907	1.965	0.3798	0.000	2.907	953.955
698.65	3.108	1.969	0.3798	0.000	3.108	955.994
698.66	3.320	1.973	0.3798	0.000	3.320	958.044
698.67	3.544	1.976	0.3798	0.000	3.544	960.107
698.68	3.782	1.980	0.3798	0.000	3.782	962.183
698.69	4.034	1.984	0.3798	0.000	4.034	964.273
698.70	4.302	1.988	0.3798	0.000	4.302	966.379
698.71	4.602	1.992	0.3798	0.000	4.602	968.518
698.72	4.919	1.995	0.3798	0.000	4.919	970.673
698.73	5.254	1.999	0.3798	0.000	5.254	972.846
698.74	5.607	2.003	0.3798	0.000	5.607	975.038
698.75	5.980	2.007	0.3798	0.000	5.980	977.249
698.76	6.373	2.011	0.3798	0.000	6.373	979.481
698.77	6.787	2.014	0.3798	0.000	6.787	981.733
698.78	7.223	2.018	0.3798	0.000	7.223	984.006
698.79	7.680	2.022	0.3798	0.000	7.680	986.302
698.80	8.160	2.026	0.3798	0.000	8.160	988.621
698.81	8.681	2.030	0.3798	0.000	8.681	990.980
698.82	9.229	2.033	0.3798	0.000	9.229	993.366
698.83	9.806	2.037	0.3798	0.000	9.806	995.781
698.84	10.415	2.041	0.3798	0.000	10.415	998.228
698.85	11.055	2.045	0.3798	0.000	11.055	1,000.707
698.86	11.730	2.049	0.3798	0.000	11.730	1,003.220
698.87	12.440	2.052	0.3798	0.000	12.440	1,005.768
698.88	13.186	2.056	0.3798	0.000	13.186	1,008.353
698.89	13.970	2.060	0.3798	0.000	13.970	1,010.975
698.90	14.792	2.064	0.3798	0.000	14.792	1,013.635

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Elevation (ft)	Outflow (ft³/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
698.91	15.684	2.068	0.3798	0.000	15.684	1,016.365
698.92	16.613	2.071	0.3798	0.000	16.613	1,019.132
698.93	17.580	2.075	0.3798	0.000	17.580	1,021.938
698.94	18.587	2.079	0.3798	0.000	18.587	1,024.783
698.95	19.632	2.083	0.3798	0.000	19.632	1,027.666
698.96	20.716	2.087	0.3798	0.000	20.716	1,030.589
698.97	21.756	2.090	0.3798	0.000	21.756	1,033.467
698.98	22.835	2.094	0.3798	0.000	22.835	1,036.384
698.99	23.953	2.098	0.3798	0.000	23.953	1,039.341
699.00	25.111	2.102	0.3798	0.000	25.111	1,042.337
699.01	26.359	2.106	0.3798	0.000	26.359	1,045.423
699.02	27.641	2.109	0.3798	0.000	27.641	1,048.543
699.03	28.956	2.113	0.3798	0.000	28.956	1,051.696
699.04	30.302	2.117	0.3798	0.000	30.302	1,054.881
699.05	31.680	2.121	0.3798	0.000	31.680	1,058.097
699.06	33.087	2.124	0.3798	0.000	33.087	1,061.342
699.07	34.523	2.128	0.3798	0.000	34.523	1,064.616
699.08	35.987	2.132	0.3798	0.000	35.987	1,067.919
699.09	37.479	2.136	0.3798	0.000	37.479	1,071.249
699.10	38.997	2.140	0.3798	0.000	38.997	1,074.606
699.11	40.542	2.143	0.3798	0.000	40.542	1,077.989
699.12	42.113	2.147	0.3798	0.000	42.113	1,081.398
699.13	43.709	2.151	0.3798	0.000	43.709	1,084.833
699.14	45.330	2.155	0.3798	0.000	45.330	1,088.292

Subsection: Elevation-Volume-Flow Table (Pond)
Label: PO-1
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	692.76 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
692.76	0.000	0.000	0.0001	0.000	0.000	0.000
693.26	0.102	0.000	0.0001	0.000	0.102	0.126
693.76	0.153	0.112	0.3798	0.000	0.153	54.120
694.26	0.191	0.301	0.3798	0.000	0.191	146.072
694.76	0.222	0.491	0.3798	0.000	0.222	238.017
695.26	0.250	0.681	0.3798	0.000	0.250	329.959
695.76	0.275	0.871	0.3798	0.000	0.275	421.898
696.26	0.298	1.061	0.3798	0.000	0.298	513.835
696.76	0.319	1.251	0.3798	0.000	0.319	605.770
697.26	0.339	1.441	0.3798	0.000	0.339	697.704
697.76	0.357	1.631	0.3798	0.000	0.357	789.636
698.26	0.375	1.821	0.3798	0.000	0.375	881.568
698.76	0.392	2.011	0.3798	0.000	0.392	973.499
699.14	0.404	2.155	0.3798	0.000	0.404	1,043.366

Subsection: Level Pool Pond Routing Summary
Label: PO-1 (IN)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	692.76 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	3.512 ft³/s	Time to Peak (Flow, In)	15.600 hours
Flow (Peak Outlet)	1.413 ft³/s	Time to Peak (Flow, Outlet)	18.050 hours

Elevation (Water Surface, Peak)	698.55 ft
Volume (Peak)	1.932 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	2.385 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.485 ac-ft
Volume (Retained)	1.900 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary
Label: PO-1 (IN)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	692.76 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.000 ft³/s
Flow (Initial Infiltration)	0.000 ft³/s
Flow (Initial, Total)	0.000 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	3.512 ft³/s	Time to Peak (Flow, In)	15.600 hours
Flow (Peak Outlet)	0.382 ft³/s	Time to Peak (Flow, Outlet)	24.050 hours

Elevation (Water Surface, Peak)	698.47 ft
Volume (Peak)	1.901 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	2.385 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.844 ac-ft
Volume (Retained)	1.540 ac-ft
Volume (Unrouted)	-0.001 ac-ft
Error (Mass Balance)	0.1 %

Subsection: Pond Routed Hydrograph (total out)
Label: PO-1 (OUT)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Peak Discharge	1.413 ft³/s
Time to Peak	18.050 hours
Hydrograph Volume	0.485 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
17.450	0.000	0.107	0.363	0.576	0.753
17.700	0.901	1.023	1.126	1.211	1.281
17.950	1.340	1.389	1.413	1.394	1.351
18.200	1.309	1.272	1.242	1.216	1.195
18.450	1.177	1.162	1.150	1.140	1.131
18.700	1.124	1.118	1.113	1.109	1.106
18.950	1.103	1.101	1.099	1.097	1.096
19.200	1.095	1.086	1.058	1.022	0.989
19.450	0.960	0.936	0.916	0.900	0.886
19.700	0.874	0.865	0.857	0.850	0.845
19.950	0.840	0.837	0.833	0.831	0.829
20.200	0.827	0.825	0.824	0.823	0.822
20.450	0.822	0.821	0.821	0.820	0.820
20.700	0.820	0.819	0.819	0.819	0.819
20.950	0.819	0.819	0.819	0.819	0.819
21.200	0.819	0.819	0.819	0.819	0.819
21.450	0.819	0.819	0.819	0.819	0.810
21.700	0.783	0.748	0.715	0.687	0.663
21.950	0.643	0.627	0.613	0.602	0.593
22.200	0.585	0.578	0.573	0.568	0.565
22.450	0.561	0.559	0.557	0.555	0.553
22.700	0.552	0.551	0.550	0.558	0.584
22.950	0.619	0.652	0.680	0.703	0.723
23.200	0.739	0.752	0.764	0.773	0.781
23.450	0.787	0.793	0.797	0.801	0.804
23.700	0.807	0.809	0.811	0.812	0.813
23.950	0.814	0.815	0.790	0.711	0.604
24.200	0.506	0.421	0.351	0.292	0.243
24.450	0.202	0.168	0.140	0.116	0.097
24.700	0.081	0.067	0.056	0.046	0.039
24.950	0.032	0.027	0.022	0.019	0.015
25.200	0.013	0.011	0.009	0.007	0.006
25.450	0.005	0.004	0.004	0.003	0.002
25.700	0.002	0.002	0.001	0.001	0.001

Subsection: Pond Routed Hydrograph (total out)
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Peak Discharge	0.382 ft³/s
Time to Peak	24.050 hours
Hydrograph Volume	0.844 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
0.950	0.000	0.005	0.016	0.032	0.048
1.200	0.063	0.078	0.092	0.102	0.102
1.450	0.102	0.102	0.102	0.102	0.102
1.700	0.102	0.103	0.103	0.103	0.103
1.950	0.104	0.104	0.104	0.104	0.105
2.200	0.105	0.106	0.106	0.106	0.107
2.450	0.107	0.107	0.108	0.108	0.109
2.700	0.109	0.110	0.110	0.111	0.111
2.950	0.112	0.112	0.113	0.114	0.114
3.200	0.115	0.115	0.116	0.117	0.117
3.450	0.118	0.118	0.119	0.120	0.120
3.700	0.121	0.122	0.123	0.123	0.124
3.950	0.125	0.125	0.126	0.127	0.128
4.200	0.128	0.129	0.130	0.131	0.132
4.450	0.132	0.133	0.134	0.135	0.136
4.700	0.137	0.138	0.138	0.139	0.140
4.950	0.141	0.142	0.143	0.144	0.145
5.200	0.146	0.147	0.148	0.149	0.150
5.450	0.151	0.151	0.152	0.153	0.154
5.700	0.154	0.154	0.155	0.155	0.156
5.950	0.156	0.157	0.157	0.158	0.158
6.200	0.159	0.159	0.160	0.160	0.161
6.450	0.161	0.162	0.162	0.163	0.163
6.700	0.164	0.164	0.165	0.165	0.166
6.950	0.166	0.167	0.167	0.168	0.169
7.200	0.169	0.170	0.170	0.171	0.171
7.450	0.172	0.173	0.173	0.174	0.174
7.700	0.175	0.176	0.176	0.177	0.177
7.950	0.178	0.179	0.179	0.180	0.180
8.200	0.181	0.182	0.182	0.183	0.184
8.450	0.184	0.185	0.186	0.186	0.187
8.700	0.188	0.188	0.189	0.190	0.190
8.950	0.191	0.192	0.192	0.193	0.193
9.200	0.194	0.195	0.195	0.196	0.197
9.450	0.197	0.198	0.198	0.199	0.200
9.700	0.200	0.201	0.202	0.202	0.203
9.950	0.204	0.204	0.205	0.206	0.206
10.200	0.207	0.208	0.208	0.209	0.210
10.450	0.211	0.211	0.212	0.213	0.214

Subsection: Pond Routed Hydrograph (total out)
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
10.700	0.214	0.215	0.216	0.217	0.217
10.950	0.218	0.219	0.220	0.221	0.221
11.200	0.222	0.223	0.224	0.224	0.225
11.450	0.226	0.227	0.227	0.228	0.229
11.700	0.230	0.231	0.231	0.232	0.233
11.950	0.234	0.235	0.235	0.236	0.237
12.200	0.238	0.239	0.240	0.241	0.242
12.450	0.243	0.243	0.244	0.245	0.246
12.700	0.247	0.248	0.249	0.250	0.251
12.950	0.252	0.253	0.254	0.255	0.256
13.200	0.257	0.258	0.259	0.261	0.262
13.450	0.264	0.266	0.267	0.269	0.270
13.700	0.272	0.273	0.275	0.276	0.278
13.950	0.279	0.281	0.282	0.284	0.285
14.200	0.286	0.288	0.289	0.291	0.292
14.450	0.294	0.295	0.297	0.298	0.300
14.700	0.301	0.303	0.304	0.305	0.307
14.950	0.308	0.310	0.311	0.313	0.314
15.200	0.316	0.317	0.319	0.320	0.321
15.450	0.323	0.324	0.326	0.327	0.328
15.700	0.329	0.330	0.331	0.332	0.333
15.950	0.334	0.335	0.336	0.337	0.338
16.200	0.338	0.339	0.340	0.341	0.342
16.450	0.343	0.344	0.344	0.345	0.346
16.700	0.347	0.348	0.349	0.349	0.350
16.950	0.351	0.351	0.352	0.352	0.353
17.200	0.353	0.354	0.354	0.355	0.355
17.450	0.356	0.356	0.357	0.357	0.358
17.700	0.358	0.359	0.359	0.360	0.360
17.950	0.361	0.361	0.362	0.362	0.363
18.200	0.363	0.363	0.363	0.364	0.364
18.450	0.364	0.364	0.365	0.365	0.365
18.700	0.366	0.366	0.366	0.366	0.367
18.950	0.367	0.367	0.368	0.368	0.368
19.200	0.368	0.369	0.369	0.369	0.369
19.450	0.369	0.370	0.370	0.370	0.370
19.700	0.370	0.370	0.371	0.371	0.371
19.950	0.371	0.371	0.371	0.372	0.372
20.200	0.372	0.372	0.372	0.373	0.373
20.450	0.373	0.373	0.373	0.373	0.374
20.700	0.374	0.374	0.374	0.374	0.374
20.950	0.375	0.375	0.375	0.375	0.375
21.200	0.375	0.376	0.376	0.376	0.376

Subsection: Pond Routed Hydrograph (total out)
Label: PO-1 (OUT)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
21.450	0.376	0.376	0.377	0.377	0.377
21.700	0.377	0.377	0.377	0.377	0.377
21.950	0.377	0.377	0.377	0.377	0.378
22.200	0.378	0.378	0.378	0.378	0.378
22.450	0.378	0.378	0.378	0.378	0.378
22.700	0.378	0.378	0.378	0.378	0.379
22.950	0.379	0.379	0.379	0.379	0.379
23.200	0.380	0.380	0.380	0.380	0.380
23.450	0.380	0.381	0.381	0.381	0.381
23.700	0.381	0.381	0.381	0.382	0.382
23.950	0.382	0.382	0.382	0.382	0.382
24.200	0.382	0.382	0.382	0.382	0.381
24.450	0.381	0.381	0.381	0.381	0.381
24.700	0.381	0.380	0.380	0.380	0.380
24.950	0.380	0.380	0.380	0.379	0.379
25.200	0.379	0.379	0.379	0.379	0.379
25.450	0.378	0.378	0.378	0.378	0.378
25.700	0.378	0.378	0.377	0.377	0.377
25.950	0.377	0.377	0.377	0.377	0.376
26.200	0.376	0.376	0.376	0.376	0.376
26.450	0.376	0.376	0.375	0.375	0.375
26.700	0.375	0.375	0.375	0.375	0.374
26.950	0.374	0.374	0.374	0.374	0.374
27.200	0.374	0.373	0.373	0.373	0.373
27.450	0.373	0.373	0.372	0.372	0.372
27.700	0.372	0.372	0.372	0.372	0.371
27.950	0.371	0.371	0.371	0.371	0.371
28.200	0.371	0.370	0.370	0.370	0.370
28.450	0.370	0.370	0.370	0.369	0.369
28.700	0.369	0.369	0.369	0.369	0.369
28.950	0.368	0.368	0.368	0.368	0.368
29.200	0.368	0.368	0.367	0.367	0.367
29.450	0.367	0.367	0.367	0.367	0.366
29.700	0.366	0.366	0.366	0.366	0.366
29.950	0.366	0.365	0.365	0.365	0.365
30.200	0.365	0.365	0.365	0.365	0.364
30.450	0.364	0.364	0.364	0.364	0.364
30.700	0.364	0.363	0.363	0.363	0.363
30.950	0.363	0.363	0.363	0.362	0.362
31.200	0.362	0.362	0.362	0.362	0.362
31.450	0.361	0.361	0.361	0.361	0.361
31.700	0.361	0.361	0.360	0.360	0.360
31.950	0.360	0.360	0.360	0.360	0.359

Subsection: Pond Routed Hydrograph (total out) Return Event: 100 years
Label: PO-1 (OUT) Storm Event: 100 Yr
Scenario: 100yr

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 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)
32.200	0.359	0.359	0.359	0.359	0.359
32.450	0.359	0.358	0.358	0.358	0.358
32.700	0.358	0.358	0.358	0.358	0.357
32.950	0.357	0.357	0.357	0.357	0.357
33.200	0.357	0.356	0.356	0.356	0.356
33.450	0.356	0.356	0.355	0.355	0.355
33.700	0.355	0.355	0.355	0.355	0.354
33.950	0.354	0.354	0.354	0.354	0.354
34.200	0.354	0.353	0.353	0.353	0.353
34.450	0.353	0.353	0.353	0.352	0.352
34.700	0.352	0.352	0.352	0.352	0.352
34.950	0.351	0.351	0.351	0.351	0.351
35.200	0.351	0.351	0.350	0.350	0.350
35.450	0.350	0.350	0.350	0.350	0.349
35.700	0.349	0.349	0.349	0.349	0.349
35.950	0.349	0.348	(N/A)	(N/A)	(N/A)

Subsection: Pond Inflow Summary
Label: PO-1 (IN)
Scenario: 100yr Overflow

Return Event: 100 years
Storm Event: 100 Yr

Summary for Hydrograph Addition at 'PO-1'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Site Area

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Site Area	2.385	15.600	3.512
Flow (In)	PO-1	2.385	15.600	3.512

Subsection: Pond Inflow Summary
Label: PO-1 (IN)
Scenario: 100yr

Return Event: 100 years
Storm Event: 100 Yr

Summary for Hydrograph Addition at 'PO-1'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Site Area

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Site Area	2.385	15.600	3.512
Flow (In)	PO-1	2.385	15.600	3.512

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