

Park Street Commerce Center

Master Storm System

Storm Report by

AMERICAN CIVIL
ENGINEERING CO.



John J. Herbert IV, PE #84698

1/13/2023



American Civil Engineering Co.

Stormwater Summary

Park Street Commerce Center

1/17/2023

SJRWMD #:

Basin Size: 16.2 AC

Special Basin Criteria: Lake Okeechobee

Wetlands: Mitigated 1/14/09 #56-00002-M Bluefield Ranch Mitigation Bank

Hydraulic Soils: Manatee #6 Type B/D (77%), Immokalee #11 Type B/D (23%)

Impervious Area: 0.5 AC existing +4.50 AC proposed (85% total coverage)

Treatment Volume Required: 1.75 AF @ 79.35 elv.

Peak Design Storm: 100 Yr – 72 hr

Pre vs Post Discharge: 5.02 cfs vs 0.52 cfs (10Yr/24 Hr)

Pond Volume: Dry Pond 2.90 AF (20.6 Top, 17.50 Bottom) Wet Pond 8.80 AF (19.50 Top, 14.50 waterline)

Pond Recovery: wet pond back to control in 198 Hours following 25 yr – 72 hour storm

Seasonal High Groundwater Elevation: 14.50 elv. (See Geotech Report)

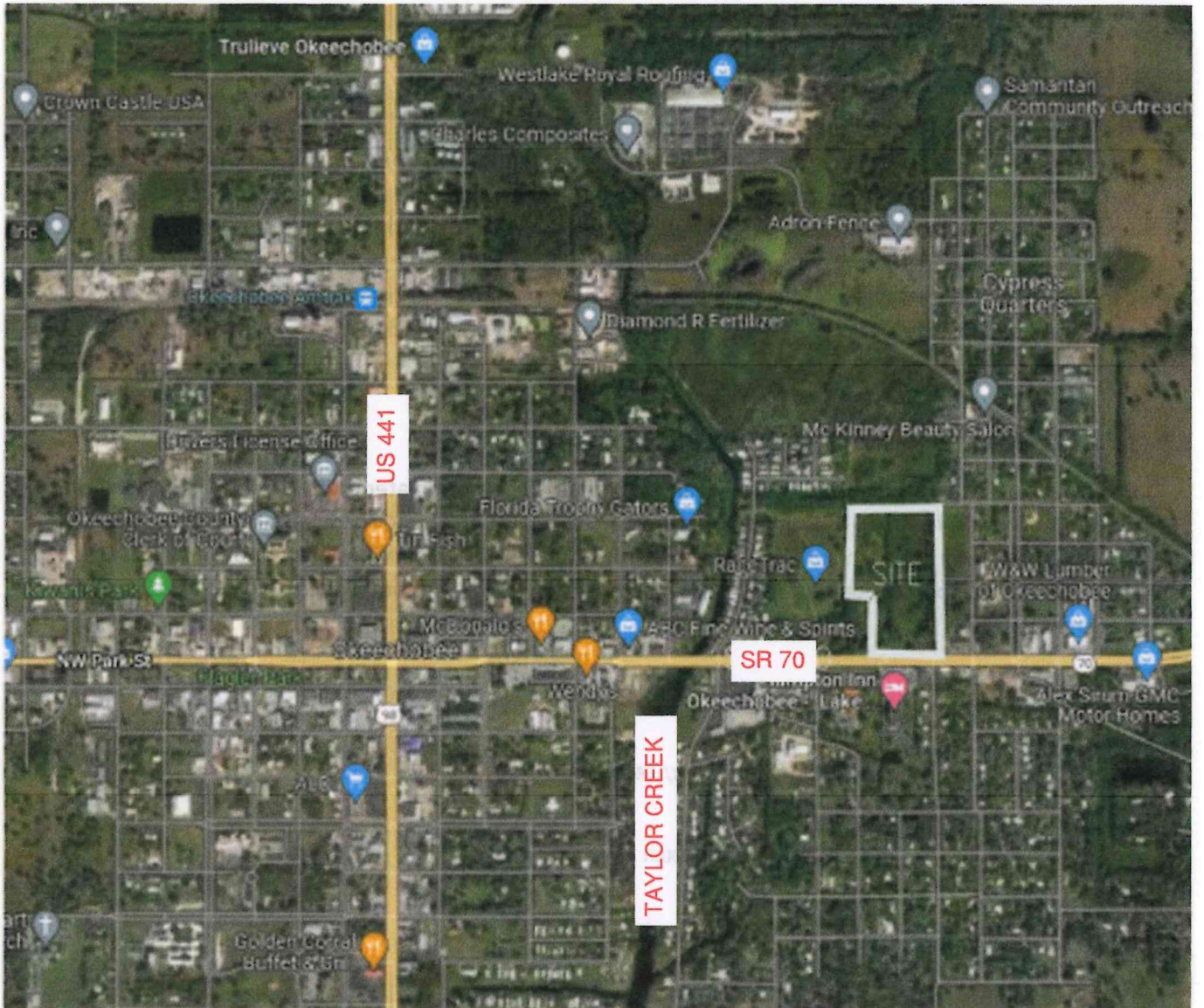
FEMA: Zone X (12093C0480C - 7/16/2016)

Slopes: 4:1 Dry pond, 5:1 wet pond slopes until 2 ft below control elevation, then 2:1 slopes.

Maintenance Berm: 10 ft

Fencing: Both ponds to be fenced.





TRACT A
WET STORM FOND
CHOP M002E Y00
TRACT B
WET STORM FOND
CHOP M002E T00



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Site Location / Existing Conditions:

The project is approximately 16.2 acres in size and located on 1000 East S.R.70 in the City of Okeechobee, Florida. The site is currently undeveloped apart from an unoccupied house in the back northeast corner. A man-made drainage swale has been cut through the center of the site emptying into Taylor Creek in the north. Several isolated wetlands are present on the property. Topography of the site flows from higher elevations in the east to lower elevations in the west, ultimately discharging north into the creek. During geotechnical investigations organic muck layers were discovered in portions of the site (approx. 27%) that correlated with higher water tables relative to the borings without muck.

Proposed Conditions:

Project proposes four individual commercial lots created with stormwater met via master stormwater system to provide for up to 80% impervious area on all lots. A proposed roadway connecting the lots to public right-of-way is also included in the storm system with 62% impervious area. Individual lots to apply for minor modification permits to this master system, showing compliance within allotted impervious areas.

LOT # PROPOSED USE	AREA	ALLOWED IMPERVIOUS AREA
LOT 1 CARWASH OR RESTAURANT W/ DRIVE THROUGH	1.514 AC	80%
LOT 2 RESTAURANT W/ DRIVE THROUGH	1.740 AC	80%
LOT 3 HOTEL OR INDOOR/OUTDOOR STORAGE	1.678 AC	80%
LOT 4 INDOOR/OUTDOOR STORAGE	5.893 AC	80%
PUBLIC ROADS	1.806 AC	62%
TRACT A DRY STORM POND	1.478 AC	-
TRACT B WET STORM POND	2.541 AC	-

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Water Quality:

The site requires nutrient loading be met for Lake Okeechobee basin. The program UCF BMP Trains (ver. 4.3.5) was implemented to meet pre-development levels of discharge. Nutrient loading criteria exceeds the standard SFWMD criteria of 1" over basin or 2.5" over percent impervious area (less roofs & wet ponds). The system is designed to provide 1.25" of dry retention over the basin prior to discharging into a wet pond for attenuation, meeting nutrient criteria when used in series.

Water Quantity:

Rainfall tables used from SFWMD regarding the 10 year – 1 day (5.25"), 25 year – 3 day (9") and 100 year – 3 day (10") storm events were used to set the final elevations of roads and buildings via ICPR routing simulation. The simulation was ran once accounting for the 4" bleeder orifice and emergency overflow on the wet pond and again with no available outfalls. The more conservative simulation was utilized in setting design elevations.

	Wet Pond (elv)	Dry Pond (elv)
No Outfall – 100 YR – 72 Hour storm :	19.47	20.05
No Outfall – 25 YR – 72 Hour storm :	18.98	19.98
No Outfall – 10 YR – 24 Hour storm :	16.50	19.51
Min Road Elevation = 19.60	provided min. road elv = 20.40	
Min Bldg Elevation = 20.05	provided min. bldg. elv = 21.50	

System Recovery:

Drawdown of the wet pond was performed using a 15 day recovery via the orifice only following the 25 year – 72 hour storm event. The pond recovered within 0.10 feet (14.60) with natural state (14.50) at 198 hours after the storm.

Operation & Maintenance:

System to be owned by Lot 3 and maintained through cost share with remaining lots.

Pond Stage / Storage				
Stage (ft)	Area (sf)	Area (ac)	Volume (ac-ft)	Notes
17.5	35,500	0.815	0.000	
18.5	38,765	0.890	0.852	
19.5	42,090	0.966	1.781	Overflow top of outlet 19.41
20.5	45,590	1.047	2.787	
20.6	50,100	1.150	2.897	TOP

Wier Elevation		
Req. Retention	1.440	ac-ft
Min. Wier Elevation for req'd TV =	19.40	ft
Design Wier Elevation =	19.41	ft
Treatment Volume Provided =	1.450	ac-ft

Pond Stage / Storage				
Stage (ft)	Area (sf)	Area (ac)	Volume (ac-ft)	Notes
5.5	19,339	0.444	0.000	
6.5	22,121	0.508	0.476	
7.5	25,056	0.575	1.017	
8.5	28,025	0.643	1.627	
9.5	31,027	0.712	2.305	
10.5	34,064	0.782	3.052	
11.5	37,134	0.852	3.869	
12.5	40,239	0.924	4.757	
13.5	49,755	1.142	5.790	
14.5	59,578	1.368	0.000	Waterline (7.045 AF vol)
15.5	66,299	1.522	1.445	
16.5	73,154	1.679	3.046	
17.5	80,131	1.840	4.805	Overflow top of outlet 18.00
18.5	87,211	2.002	6.726	
19.5	94,391	2.167	8.810	TOP

Wier Elevation		
Req. Retention	1.500	ac-ft
Min. Wier Elevation for req'd TV =	19.40	ft
Design Wier Elevation =	19.40	ft
Treatment Volume Provided =	1.500	ac-ft

Pond Stage / Storage				
Stage (ft)	Area (sf)	Area (ac)	Volume (ac-ft)	Notes
17.8	35,142	0.807	0.000	
18.5	37,383	0.858	0.583	
19.5	40,722	0.935	1.479	Overflow top of outlet 19.30
20.5	44,142	1.013	2.453	
20.6	48,558	1.115	2.560	TOP

Wier Elevation			
Req. Retention		1.500	ac-ft
Min. Wier Elevation for req'd TV =		19.40	ft
Design Wier Elevation =		19.40	ft
Treatment Volume Provided =		1.500	ac-ft

Pond Stage / Storage				
Stage (ft)	Area (sf)	Area (ac)	Volume (ac-ft)	Notes
0.5	14,171	0.325	0.000	
1.5	16,434	0.377	0.351	
2.5	18,729	0.430	0.755	
3.5	21,056	0.483	1.212	
4.5	23,414	0.538	1.722	
5.5	25,805	0.592	2.287	
6.5	28,228	0.648	2.907	
7.5	30,683	0.704	3.583	
8.5	33,170	0.761	4.316	
9.5	35,689	0.819	5.107	
10.5	38,240	0.878	5.955	
11.5	40,822	0.937	6.863	
12.5	43,437	0.997	7.830	
13.5	50,114	1.150	8.904	
14.5	56,991	1.308	0.000	Waterline (10.13 AF vol)
15.5	64,069	1.471	1.390	
16.5	71,346	1.638	2.944	
17.5	78,802	1.809	4.667	Overflow top of outlet 18.00
18.5	86,416	1.984	6.564	
19.5	94,187	2.162	8.637	TOP

Development Drainage Basins

Basin	Area (AC)	% impervious	Cover	CN	Imperv (AC)
Lot 1 Carwash	1.514	80%	Impervious Pervious (Type x Soil) Roof Sub-Total CN	98 61 91	1.211
Lot 2 Fast Food	1.740	80%	Impervious Pervious (Type x Soil) Roof Sub-Total CN	98 61 91	1.392
Lot 3 Hotel	2.010	80%	Impervious Pervious (Type x Soil) Roof Sub-Total CN	98 61 91	1.608
Lot 4 RV/Boat Storage	4.899	80%	Impervious Pervious (Type x Soil) Roof Sub-Total CN	98 61 91	3.919
Tract A Road	1.887	62%	Impervious Pervious (Type x Soil) Sub-Total CN	98 61 84	1.170
Tract B Dry Pond	1.410	0%	Impervious Pervious (Type x Soil) Sub-Total CN	98 61 61	
Tract C Wet Pond	2.465	0%	Waterline Pervious (Type x Soil) Sub-Total CN	100 61 81	
			Pervious (Type B Soil)	61	
Totals	15.925	58%			9.300

Pre-Development	
Sheet Flow	
Surface Description	Range (natural)
Manning's Roughness Coefficient, n	0.2
Flow Length (<300 ft), L (ft)	300
Two year 24-hr rainfall, P (in)	4.92
Land Slope, s (ft/ft)	0.017
$Tt=(0.007(nL)^{0.8})/(P^{0.5} s^{0.4})$, (hr)	0.42604642
Shallow Concentrated Flow	
Surface Description	Range (natural)
Flow Length (>300 ft), L (ft)	102
Watercourse Slope, s (ft/ft)	0.017
Avg. Velocity (TR-55, Fig. 3-1), V (ft/sec)	2.1
$Tt=L/(3600V)$, (hr)	0.013492063
Tc (min.)= 26.37230901	

Post Development	
Sheet Flow	
Surface Description	Range (natural)
Manning's Roughness Coefficient, n	0.2
Flow Length (<300 ft), L (ft)	300
Two year 24-hr rainfall, P (in)	4.92
Land Slope, s (ft/ft)	0.019
$Tt=(0.007(nL)^{0.8})/(P^{0.5} s^{0.4})$, (hr)	0.407506977
Shallow Concentrated Flow	
Surface Description	Range (natural)
Flow Length (>300 ft), L (ft)	102
Watercourse Slope, s (ft/ft)	0.019
Avg. Velocity (TR-55, Fig. 3-1), V (ft/sec)	2.1
$Tt=L/(3600V)$, (hr)	0.013492063
Tc (min.)= 25.25994242	



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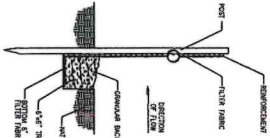
Pre-Development Sheet Flow	
Flow Length (ft)	100
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45
Shallow Concentrated Flow	
Flow Length (ft)	100
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45

PRE-BASIN MAP

Pre-Development Sheet Flow	
Flow Length (ft)	100
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45
Shallow Concentrated Flow	
Flow Length (ft)	100
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45
Flow Velocity (ft/sec)	4.0
Flow Depth (ft)	0.15
Flow Area (sq ft)	15.0
Flow Rate (cfs)	0.45

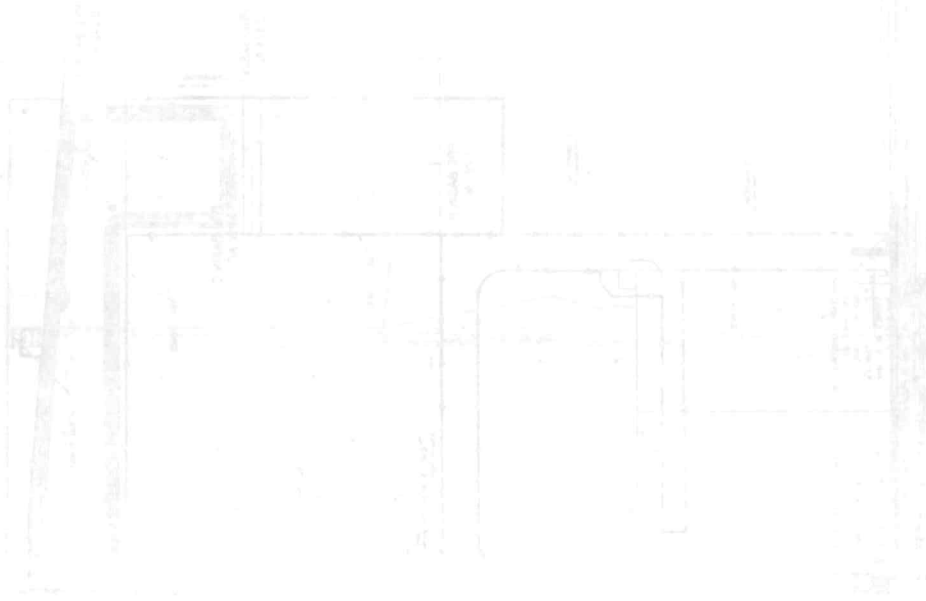


SILT BARRIER DET
NOT TO SCALE



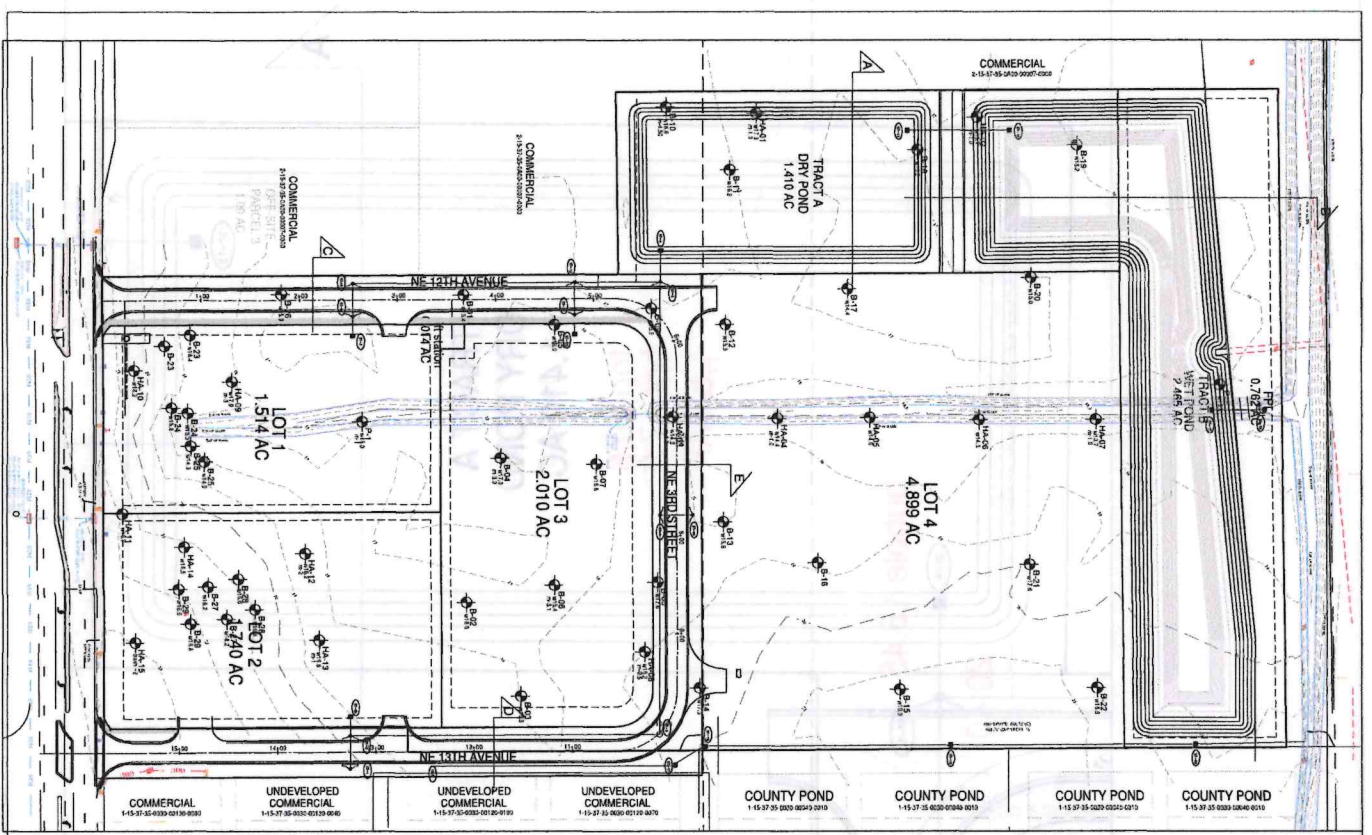


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POST-BASIN MAP





ELEVATIONS BASED ON NMD 88, BASE ELEVATIONS PROVIDED BY BSM & ASSOCIATES

PAVING SPECIFICATIONS - ASPHALT SURFACE/CONC. FINES BASE.

STANDARD SPECIFICATIONS FOR THE PAVING AND DRIVE ARE AS FOLLOWS:

1. ALL MATERIALS AND CONSTRUCTION METHODS TO MEET CURRENT DOT STANDARDS AND SPECIFICATIONS.

2. STORM DRAIN INLET LAYOUTS - ADD A NOTE TO THE DRAINAGE PLAN SHEET DRAINAGE DETAIL SHEET OR SITE DATA NOTES.

3. STORM DRAIN LAYOUTS - ADD A NOTE TO THE DRAINAGE PLAN SHEET DRAINAGE DETAIL SHEET OR SITE DATA NOTES.

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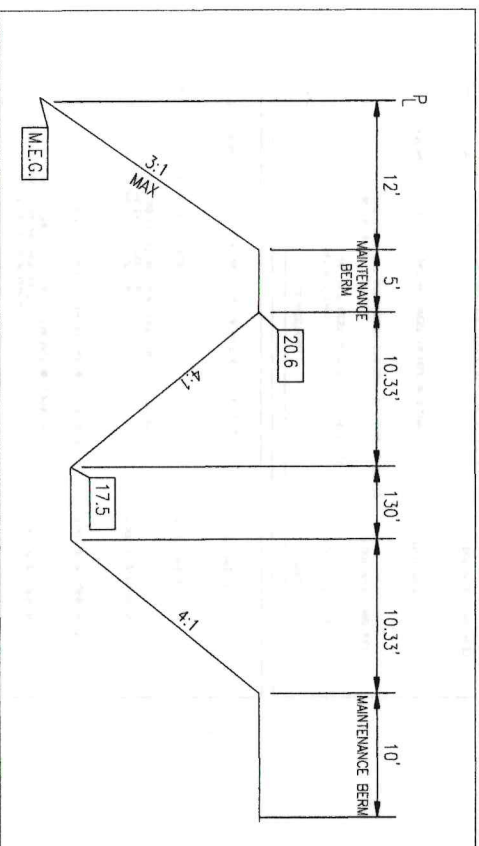
10. STORM DRAIN LAYOUTS - ADD A NOTE TO THE DRAINAGE PLAN SHEET DRAINAGE DETAIL SHEET OR SITE DATA NOTES.

STORM STRUCTURE TABLE

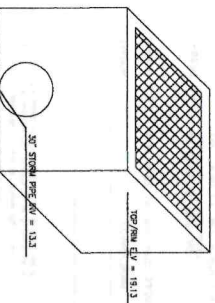
STATION	CONNECTIONS	TYPE
ST-1	21.71 12+82.87 R16.7' OUT 16.87 18" RCP WEST 33.55UF @ 0.20% TO ST-2	FOOT P-2 CURB INLET
ST-2	21.71 12+82.87 R16.7' OUT 16.80 18" RCP WEST 33.55UF @ 0.20% TO ST-2	FOOT P-2 CURB INLET
ST-3	21.84 12+82.87 R16.7' OUT 16.80 24" RCP WEST 279.57UF @ 0.18%	FOOT TYPE-D
ST-4	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-5	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-6	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-7	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-8	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-9	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-10	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-11	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-12	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-13	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-14	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-15	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET
ST-16	21.86 7+49.96 R16.70' OUT 15.99 24" RCP WEST 238.34UF @ 0.20%	FOOT P-2 CURB INLET



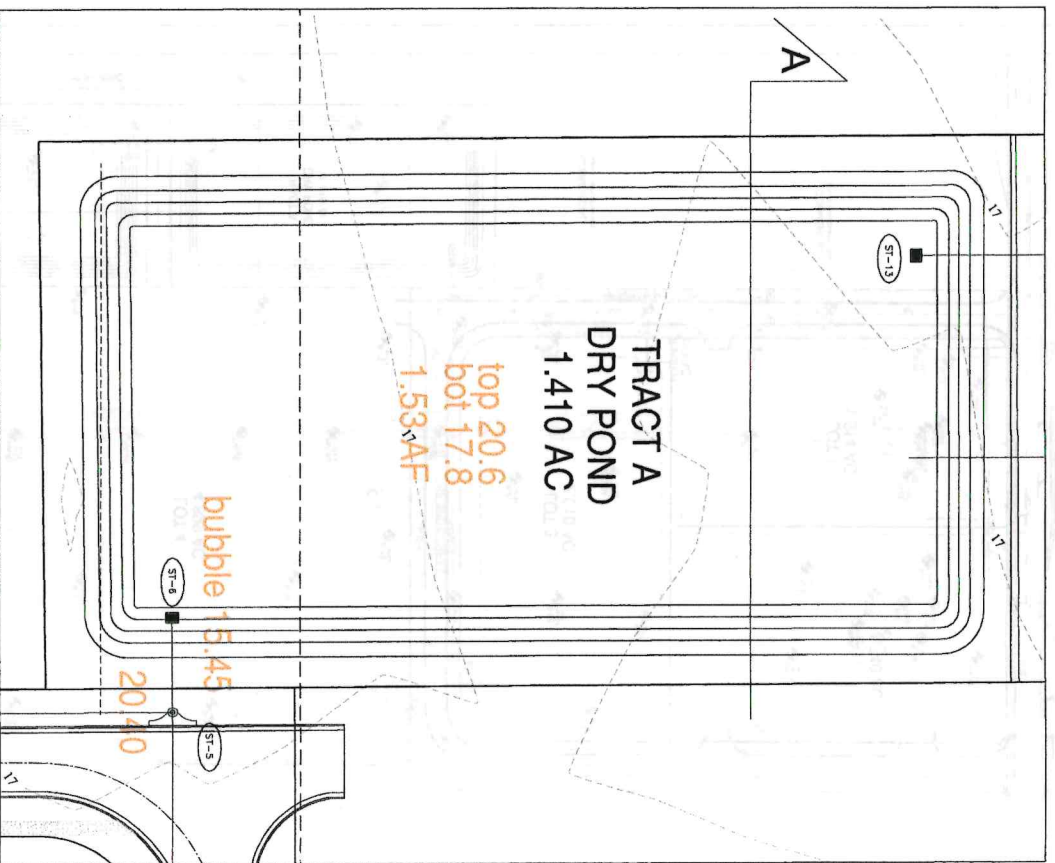
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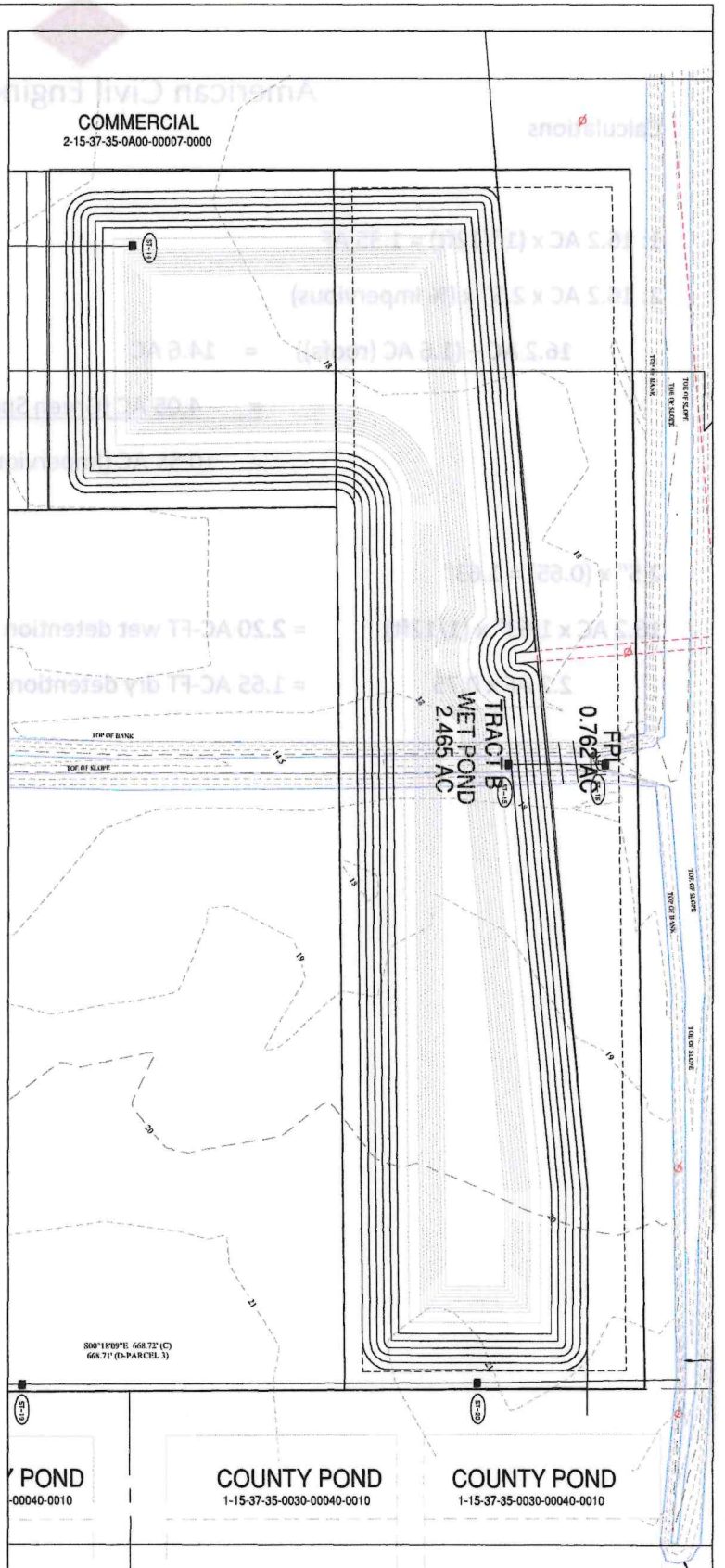


SECTION A

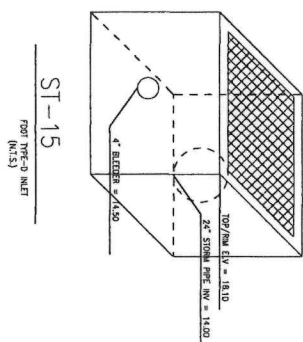
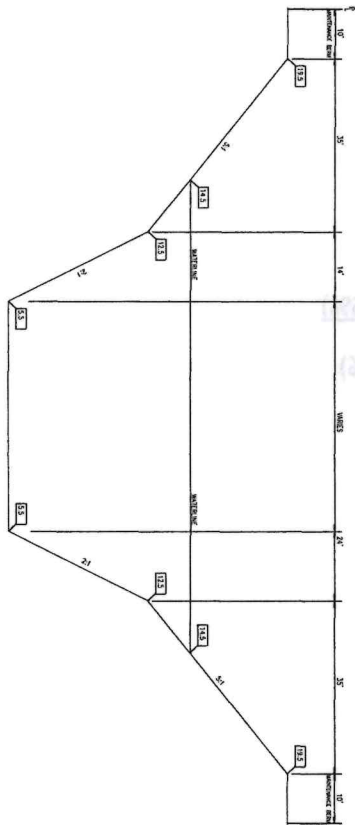


ST-13
POD POND-3 INLET
(N.E.S.)





SECTION B





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Calculations

1: $16.2 \text{ AC} \times (1''/12\text{ft}) = 1.35 \text{ AF}$

2: $16.2 \text{ AC} \times 2.5'' \times (\% \text{ Impervious})$

$$16.2 \text{ AC} - (1.6 \text{ AC (roofs)}) = 14.6 \text{ AC}$$

$$= - 4.05 \text{ AC (Green Space 25\%)}$$

$$= 10.55 \text{ AC (Impervious 65\%)}$$

$$2.5'' \times (0.65) = 1.63''$$

$$16.2 \text{ AC} \times 1.63'' \times (1/12\text{ft}) = 2.20 \text{ AC-FT wet detention}$$

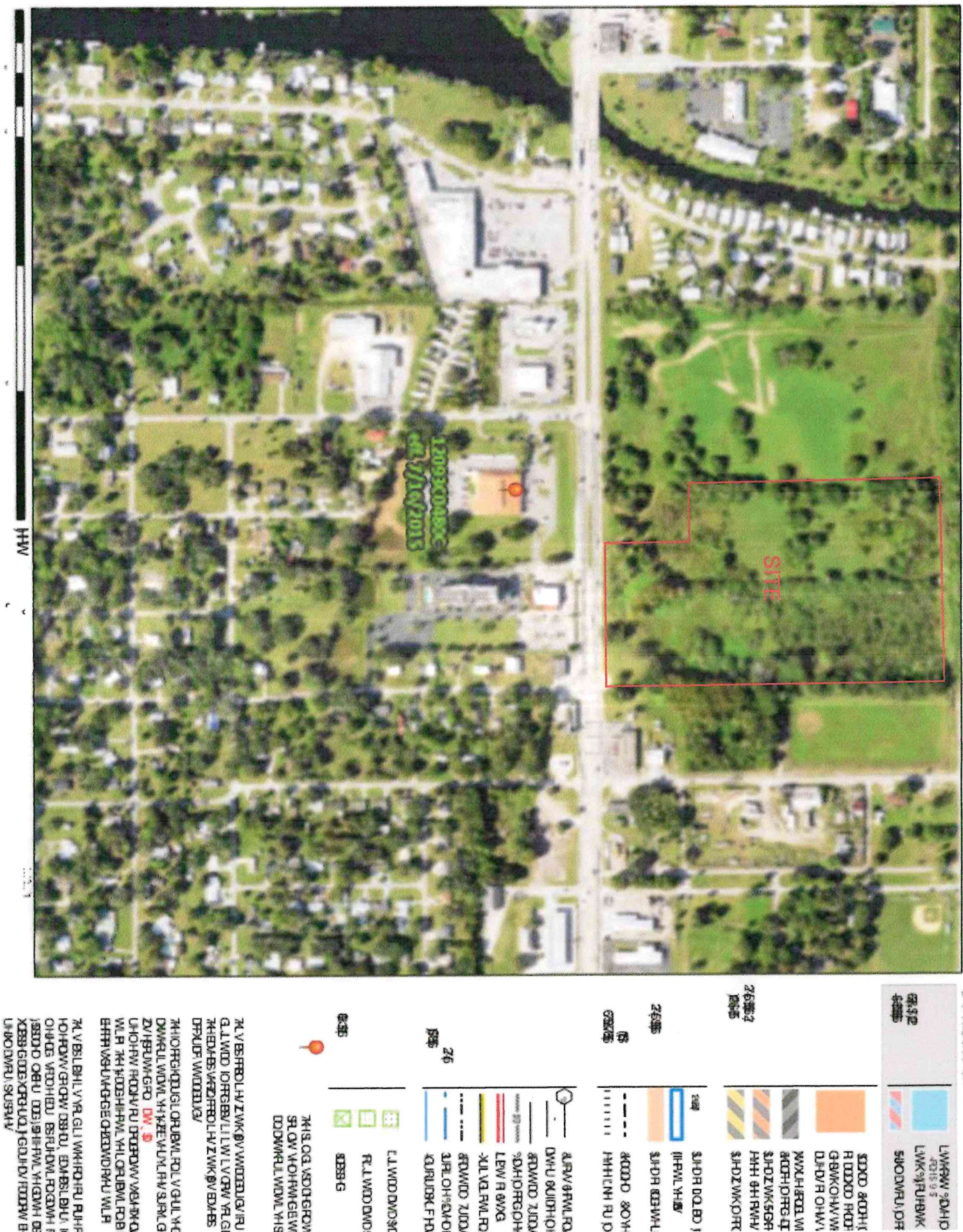
$$2.2 \text{ AF} \times 0.75 = 1.65 \text{ AC-FT dry detention}$$

DLRDO OFEG-DUGLHU)BWWH



H-06

01685 85713, 01685 509 509



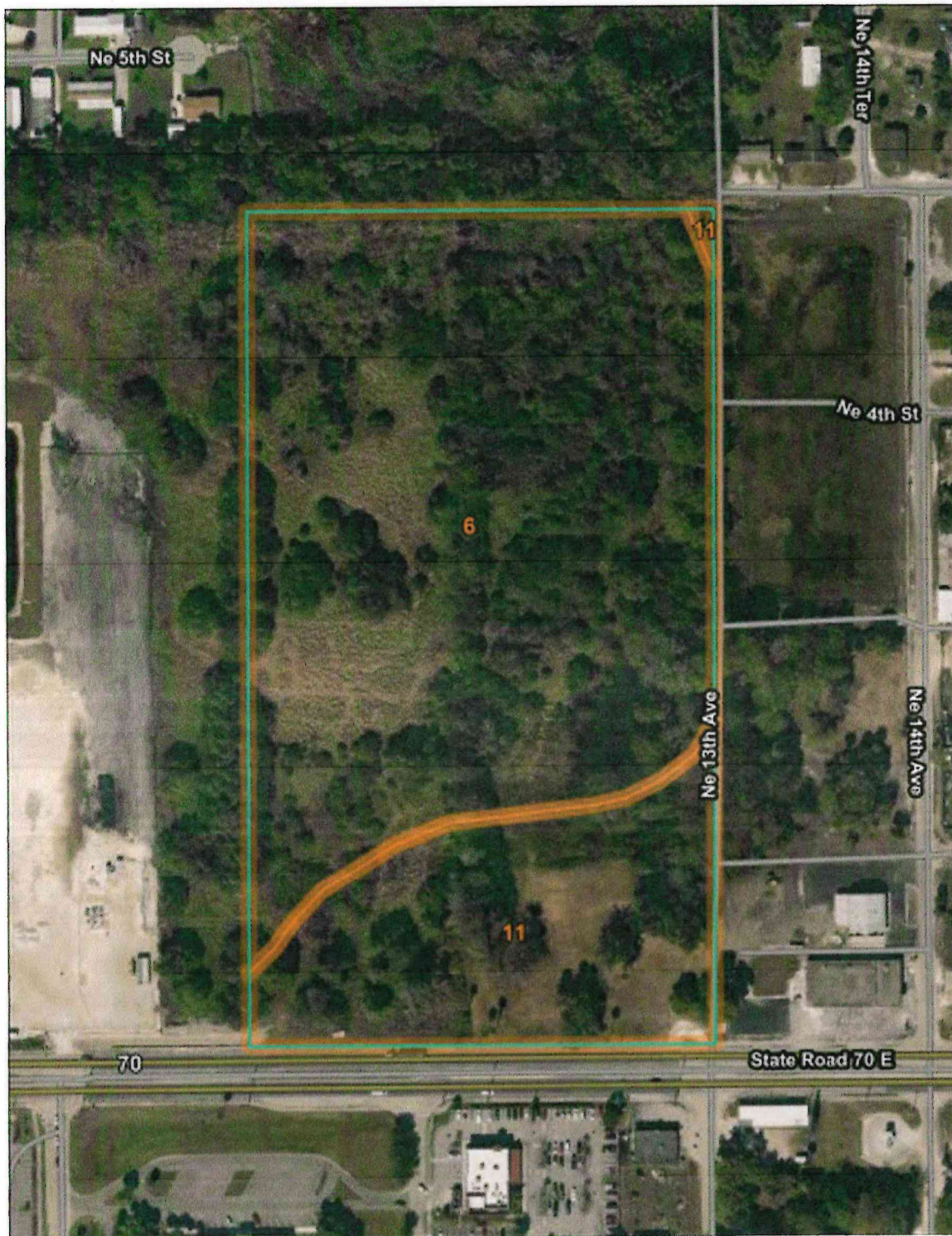


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SOIL MAP

USDA SOILS SURVEY

11—Immokalee fine sand, 0 to 2 percent slopes
6—Manatee loamy fine sand, frequently ponded, 0 to 1 percent slopes



USDA SOILS SURVEY

6—Manatee loamy fine sand, frequently ponded, 0 to 1 percent slopes

11—Immokalee fine sand, 0 to 2 percent slopes

PROJECT: 1000 State Road 70, Okeechobee, Florida

LANE STREET CENTER
MODE MAP

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A Stages
V Stages
T Stages
H Stages

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L Low Water
S Stages
V Stages
T Stages
H Stages

Links
P Pipe
W Well
Channel
D Drop Structure
S Bridge
R Retaining Curve
H Hatched
E Elevation
F Filter
X Exit Trench

ICPR

PARK STREET CENTER
NODE MAP

Nodes

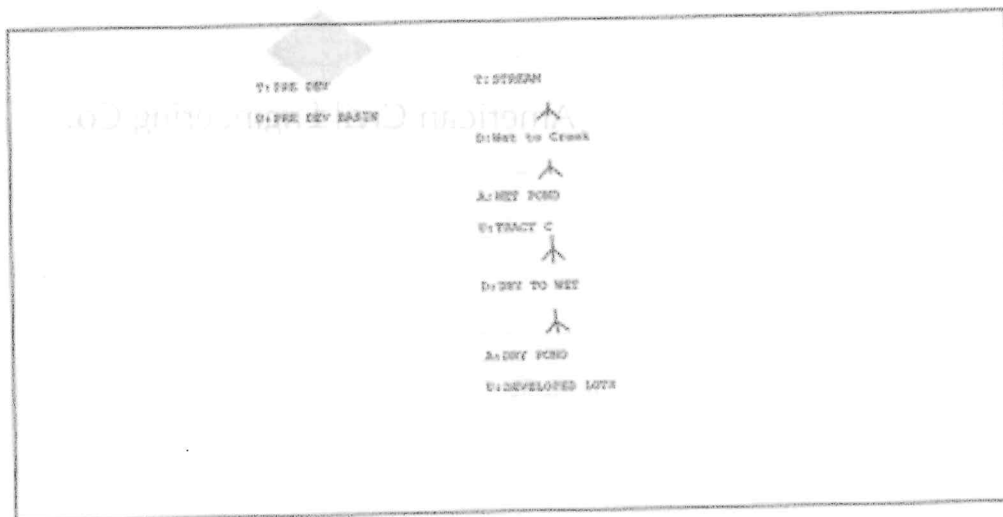
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins

O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links

P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



ICPR

PARK STREET CENTER
Node Min-Max No outfall

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
DRY PONDPOST 100YR-72HR		20.052	19.600	0.0050	44028	48.270	40.634
DRY POND POST 10YR-72HR		19.511	19.600	0.0050	42119	26.114	10.805
DRY POND POST 25YR-72HR		19.976	19.600	0.0049	43759	42.818	35.699
PRE DEVPOST 100YR-72HR		0.000	0.000	0.0000	0	16.417	0.000
PRE DEV POST 10YR-72HR		0.000	0.000	0.0000	0	5.024	0.000
PRE DEV POST 25YR-72HR		0.000	0.000	0.0000	0	13.931	0.000
STREAMPOST 100YR-72HR		14.400	0.000	0.0000	0	0.000	0.000
STREAM POST 10YR-72HR		14.400	0.000	0.0000	0	0.000	0.000
STREAM POST 25YR-72HR		14.400	0.000	0.0000	0	0.000	0.000
WET PONDPOST 100YR-72HR		19.466	18.500	0.0050	94151	44.606	0.000
WET POND POST 10YR-72HR		16.497	18.500	0.0030	73116	11.824	0.000
WET POND POST 25YR-72HR		18.981	18.500	0.0050	90666	39.141	0.000

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
------	------------	-----------------	---------------------	--------------------------	-------------------------	-------------------	--------------------

Model: icpr-1000

1

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft ²	Max Inflow cfs	Max Outflow cfs
DRY PONDPOST	100YR-72HR	20.052	19.600	0.0050	44028	48.276	40.634
DRY POND POST	10YR-72HR	19.511	19.600	0.0050	42119	26.114	10.805
DRY POND POST	25YR-72HR	19.976	19.600	0.0050	43759	42.828	35.700
PRE DEVPOST	100YR-72HR	0.000	0.000	0.0000	0	16.417	0.000
PRE DEV POST	10YR-72HR	0.000	0.000	0.0000	0	5.024	0.000
PRE DEV POST	25YR-72HR	0.000	0.000	0.0000	0	13.934	0.000
STREAMPOST	100YR-72HR	14.400	0.000	0.0000	0	5.810	0.000
STREAM POST	10YR-72HR	14.400	0.000	0.0000	0	0.524	0.000
STREAM POST	25YR-72HR	14.400	0.000	0.0000	0	2.228	0.000
WET PONDPOST	100YR-72HR	18.330	18.500	0.0050	86009	44.606	5.810
WET POND POST	10YR-72HR	16.223	18.500	0.0030	71241	11.824	0.524
WET POND POST	25YR-72HR	18.200	18.500	0.0050	85091	39.142	2.228

PARK STREET CENTER
24 HR bleed down

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft ²	Max Inflow cfs	Max Outflow cfs
DRY POND	24 hr bleed	17.685	19.600	0.0004	36105	0.237	0.000
PRE DEV	24 hr bleed	0.000	0.000	0.0000	0	0.000	0.000
STREAM	24 hr bleed	14.400	0.000	0.0000	0	0.005	0.000
WET POND	24 hr bleed	14.554	18.500	0.0001	59949	0.076	0.005
Node: DRY POND Type: WET Pond Peak Factor: 1.5 Storm Duration (hrs): 0.00 Time of Concentration: 10.00 Time Shift (hrs): 0.00 Max Allowable Q (cfs): 99999.000							
Node: PRE DEV Type: PRE Dev Peak Factor: 1.5 Storm Duration (hrs): 0.00 Time of Concentration: 10.00 Time Shift (hrs): 0.00 Max Allowable Q (cfs): 99999.000							
Node: WET POND Type: WET Pond Peak Factor: 1.5 Storm Duration (hrs): 0.00 Time of Concentration: 10.00 Time Shift (hrs): 0.00 Max Allowable Q (cfs): 99999.000							

PARK STREET CENTER
INPUT SUMMARY

Basins

Name: DEVELOPED LOTS	Node: DRY POND	Status: Onsi
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File:	Storm Duration(hrs): 0.00	
Rainfall Amount(in): 0.000	Time of Conc(min): 20.00	
Area(ac): 13.460	Time Shift(hrs): 0.00	
Curve Number: 82.00	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: PRE DEV BASIN	Node: PRE DEV	Status: Onsi
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File:	Storm Duration(hrs): 0.00	
Rainfall Amount(in): 0.000	Time of Conc(min): 55.00	
Area(ac): 10.685	Time Shift(hrs): 0.00	
Curve Number: 61.00	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: TRACT C	Node: WET POND	Status: Onsi
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File:	Storm Duration(hrs): 0.00	
Rainfall Amount(in): 0.000	Time of Conc(min): 5.00	
Area(ac): 2.465	Time Shift(hrs): 0.00	
Curve Number: 90.00	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Nodes

Name: DRY POND	Base Flow(cfs): 0.000	Init Stage(ft): 17
Group: BASE		Warn Stage(ft): 19
Type: Stage/Area		

Stage(ft)	Area(ac)
17.500	0.8150
18.500	0.8900
19.500	0.9660
20.500	1.0470
21.500	1.1500

PARK STREET CENTER
INPUT SUMMARY

PARK STREET CENTER
INPUT SUMMARY

Name: PRE DEV Base Flow(cfs): 0.000 Init Stage(ft): 0.
Group: BASE Warn Stage(ft): 0.
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	0.000
999.00	0.000

Name: STREAM Base Flow(cfs): 0.000 Init Stage(ft): 14
Group: BASE Warn Stage(ft): 0.
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	14.400
999.00	14.400

Name: WET POND Base Flow(cfs): 0.000 Init Stage(ft): 14
Group: BASE Warn Stage(ft): 18
Type: Stage/Area

Stage(ft)	Area(ac)
14.500	1.3680
15.500	1.5220
16.500	1.6790
17.500	1.8400
18.500	2.0020
19.500	2.1670

Cross Sections

Name: Encroachment: No
Station(ft) Elevation(ft) Manning's N

Operating Tables

Name: Group: BASE
Type: Bottom Clip

PARK STREET CENTER
INPUT SUMMARY

Time(hrs) Clip Depth(in)

Drop Structures

Name: DRY TO WET From Node: DRY POND Length(ft): 100.
Group: BASE To Node: WET POND Count: 1

	UPSTREAM	DOWNSTREAM	Friction Equation: Auto
Geometry:	Circular	Circular	Solution Algorithm: Most
Span(in):	30.00	30.00	Flow: Both
Rise(in):	30.00	30.00	Entrance Loss Coef: 0.00
Invert(ft):	13.300	12.300	Exit Loss Coef: 1.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec: Use
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use
Bot Clip(in):	0.000	0.000	Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

*** Weir 1 of 1 for Drop Structure DRY TO WET ***

Count: 1	Bottom Clip(in): 0.000
Type: Horizontal	Top Clip(in): 0.000
Flow: Both	Weir Disc Coef: 3.200
Geometry: Rectangular	Orifice Disc Coef: 0.600
Span(in): 37.00	Invert(ft): 19.130
Rise(in): 49.00	Control Elev(ft): 19.130

Name: Wet to Creek From Node: WET POND Length(ft): 52.0
Group: BASE To Node: STREAM Count: 1

	UPSTREAM	DOWNSTREAM	Friction Equation: Auto
Geometry:	Circular	Circular	Solution Algorithm: Most
Span(in):	24.00	24.00	Flow: Posi
Rise(in):	24.00	24.00	Entrance Loss Coef: 0.00
Invert(ft):	14.000	13.250	Exit Loss Coef: 1.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec: Use
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use
Bot Clip(in):	0.000	0.000	Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

PARK STREET CENTER
INPUT SUMMARY

*** Weir 1 of 2 for Drop Structure Wet to Creek ***

Count: 1	Bottom Clip(in): 0.000
Type: Vertical: Mavis	Top Clip(in): 0.000
Flow: Both	Weir Disc Coef: 3.200
Geometry: Circular	Orifice Disc Coef: 0.600
Span(in): 4.00	Invert(ft): 14.500
Rise(in): 4.00	Control Elev(ft): 14.500

*** Weir 2 of 2 for Drop Structure Wet to Creek ***

Count: 1	Bottom Clip(in): 0.000
Type: Horizontal	Top Clip(in): 0.000
Flow: Both	Weir Disc Coef: 3.200
Geometry: Rectangular	Orifice Disc Coef: 0.600
Span(in): 37.00	Invert(ft): 18.100
Rise(in): 49.00	Control Elev(ft): 18.100

Hydrology Simulations

Name: POST 100YR-72HR
Filename: C:\Program Files (x86)\Icpr3\examples\#1\POST 100YR-72HR.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Sfwmd72
Rainfall Amount(in): 10.00

Time(hrs)	Print Inc(min)
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72.000	5.00
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Name: POST 10YR-24HR
Filename: C:\Program Files (x86)\Icpr3\examples\#1\POST 10YR-72HR.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 5.25

Time(hrs)	Print Inc(min)
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24.000	5.00
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Name: POST 25YR-72HR
Filename: C:\Program Files (x86)\Icpr3\examples\#1\POST 25YR-72HR.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Sfwmd72
Rainfall Amount(in): 10.00

PARK STREET CENTER
INPUT SUMMARY

Time(hrs)	Print Inc(min)
72.000	5.00

==== Routing Simulations

Name: POST 100YR-72HR Hydrology Sim: POST 100YR-72HR
 Filename: C:\Program Files (x86)\Icpr3\examples\#1\POST 100YR-72HR.I32
 Execute: Yes Restart: No Patch: No
 Alternative: No
 Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
 Time Step Optimizer: 10.000
 Start Time(hrs): 0.000 End Time(hrs): 72.00
 Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
 Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
72.000	15.000
Group	Run
BASE	Yes

Name: POST 10YR-72HR Hydrology Sim: POST 10YR-24HR
 Filename: C:\Program Files (x86)\Icpr3\examples\#1\POST 10YR-72HR.I32
 Execute: Yes Restart: No Patch: No
 Alternative: No
 Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
 Time Step Optimizer: 10.000
 Start Time(hrs): 0.000 End Time(hrs): 24.00
 Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
 Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
24.000	15.000
Group	Run
BASE	Yes

Name: POST 25YR-72HR Hydrology Sim: POST 25YR-72HR
 Filename: C:\Program Files (x86)\Icpr3\examples\#1\POST 25YR-72HR.I32

ARK STREET CENTER
 CODE Min-Max No outfall

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
DRY PONDPOST	100YR-72HR	20.052	19.600	0.0050	44028	48.270	40.634
DRY POND POST	10YR-72HR	19.511	19.600	0.0050	42119	26.114	10.805
DRY POND POST	25YR-72HR	19.976	19.600	0.0049	43759	42.818	35.699
PRE DEVPOST	100YR-72HR	0.000	0.000	0.0000	0	16.417	0.000
PRE DEV POST	10YR-72HR	0.000	0.000	0.0000	0	5.024	0.000
PRE DEV POST	25YR-72HR	0.000	0.000	0.0000	0	13.931	0.000
STREAMPOST	100YR-72HR	14.400	0.000	0.0000	0	0.000	0.000
STREAM POST	10YR-72HR	14.400	0.000	0.0000	0	0.000	0.000
STREAM POST	25YR-72HR	14.400	0.000	0.0000	0	0.000	0.000
WET PONDPOST	100YR-72HR	19.466	18.500	0.0050	94151	44.606	0.000
WET POND POST	10YR-72HR	16.497	18.500	0.0030	73116	11.824	0.000
WET POND POST	25YR-72HR	18.981	18.500	0.0050	90666	39.141	0.000

ARK STREET CENTER
 3DE Min-Max

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
DRY POND POST	100YR-72HR	20.052	19.600	0.0050	44028	48.276	40.634
DRY POND POST	10YR-72HR	19.511	19.600	0.0050	42119	26.114	10.805
DRY POND POST	25YR-72HR	19.976	19.600	0.0050	43759	42.828	35.700
PRE DEV POST	100YR-72HR	0.000	0.000	0.0000	0	16.417	0.000
PRE DEV POST	10YR-72HR	0.000	0.000	0.0000	0	5.024	0.000
PRE DEV POST	25YR-72HR	0.000	0.000	0.0000	0	13.934	0.000
STREAM POST	100YR-72HR	14.400	0.000	0.0000	0	5.810	0.000
STREAM POST	10YR-72HR	14.400	0.000	0.0000	0	0.524	0.000
STREAM POST	25YR-72HR	14.400	0.000	0.0000	0	2.228	0.000
WET POND POST	100YR-72HR	18.330	18.500	0.0050	86009	44.606	5.810
WET POND POST	10YR-72HR	16.223	18.500	0.0030	71241	11.824	0.524
WET POND POST	25YR-72HR	18.200	18.500	0.0050	85091	39.142	2.228

NAME	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
DRY POND POST	100YR-72HR	20.052	19.600	0.0050	44028	48.276	40.634
DRY POND POST	10YR-72HR	19.511	19.600	0.0050	42119	26.114	10.805
DRY POND POST	25YR-72HR	19.976	19.600	0.0050	43759	42.828	35.700
PRE DEV POST	100YR-72HR	0.000	0.000	0.0000	0	16.417	0.000
PRE DEV POST	10YR-72HR	0.000	0.000	0.0000	0	5.024	0.000
PRE DEV POST	25YR-72HR	0.000	0.000	0.0000	0	13.934	0.000
STREAM POST	100YR-72HR	14.400	0.000	0.0000	0	5.810	0.000
STREAM POST	10YR-72HR	14.400	0.000	0.0000	0	0.524	0.000
STREAM POST	25YR-72HR	14.400	0.000	0.0000	0	2.228	0.000
WET POND POST	100YR-72HR	18.330	18.500	0.0050	86009	44.606	5.810
WET POND POST	10YR-72HR	16.223	18.500	0.0030	71241	11.824	0.524
WET POND POST	25YR-72HR	18.200	18.500	0.0050	85091	39.142	2.228

AK STREET CENTER
: day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In sf	Total Vol Out sf
OBT 25YR-72HR	WET POND	BASE	0.00	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	0.26	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	0.50	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	0.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	1.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	1.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	1.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	1.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	2.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	2.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	2.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	2.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	3.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	3.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	3.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	3.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	4.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	4.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	4.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	4.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	5.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	5.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	5.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	5.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	6.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	6.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	6.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	6.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	7.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	7.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	7.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	7.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	8.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	8.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	8.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	8.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	9.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	9.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	9.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	9.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	10.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	10.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	10.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	10.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	11.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	11.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	11.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	11.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	12.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	12.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	12.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	12.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	13.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	13.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	13.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	13.77	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	14.02	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	14.27	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	14.52	14.500	18.500	59590	0.000	0.000	0.0	0.0
OBT 25YR-72HR	WET POND	BASE	14.77	14.500	18.500	59590	0.000	0.000	0.0	0.0

MAX STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-72HR	WET POND	BASE	15.02	14.514	18.500	59687	0.044	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	15.27	14.515	18.500	59691	0.045	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	15.52	14.516	18.500	59696	0.046	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	15.77	14.516	18.500	59701	0.047	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	16.02	14.517	18.500	59705	0.047	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	16.27	14.518	18.500	59710	0.048	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	16.52	14.519	18.500	59715	0.049	0.000	0.0	0.0
POST 25YR-72HR	WET POND	BASE	16.77	14.519	18.500	59720	0.049	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	17.02	14.520	18.500	59725	0.050	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	17.27	14.521	18.500	59730	0.051	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	17.52	14.522	18.500	59735	0.051	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	17.77	14.522	18.500	59740	0.052	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	18.02	14.523	18.500	59745	0.052	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	18.27	14.524	18.500	59750	0.053	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	18.52	14.525	18.500	59756	0.054	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	18.77	14.525	18.500	59761	0.054	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	19.02	14.526	18.500	59766	0.055	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	19.27	14.527	18.500	59772	0.055	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	19.52	14.528	18.500	59777	0.056	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	19.77	14.529	18.500	59783	0.056	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	20.02	14.530	18.500	59789	0.057	0.001	0.0	0.0
POST 25YR-72HR	WET POND	BASE	20.27	14.531	18.500	59794	0.057	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	20.52	14.532	18.500	59800	0.058	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	20.77	14.533	18.500	59805	0.058	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	21.02	14.533	18.500	59811	0.059	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	21.27	14.534	18.500	59817	0.059	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	21.52	14.535	18.500	59823	0.060	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	21.77	14.536	18.500	59829	0.060	0.002	0.0	0.0
POST 25YR-72HR	WET POND	BASE	22.02	14.536	18.500	59835	0.061	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	22.27	14.537	18.500	59840	0.061	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	22.52	14.538	18.500	59846	0.062	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	22.77	14.539	18.500	59852	0.062	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	23.02	14.540	18.500	59858	0.062	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	23.27	14.541	18.500	59864	0.063	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	23.52	14.542	18.500	59870	0.063	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	23.77	14.543	18.500	59876	0.064	0.003	0.1	0.0
POST 25YR-72HR	WET POND	BASE	24.02	14.544	18.500	59883	0.067	0.004	0.1	0.0
POST 25YR-72HR	WET POND	BASE	24.27	14.545	18.500	59891	0.092	0.004	0.1	0.0
POST 25YR-72HR	WET POND	BASE	24.52	14.546	18.500	59900	0.095	0.004	0.1	0.0
POST 25YR-72HR	WET POND	BASE	24.77	14.548	18.500	59909	0.095	0.004	0.1	0.0
POST 25YR-72HR	WET POND	BASE	25.02	14.549	18.500	59918	0.096	0.005	0.1	0.0
POST 25YR-72HR	WET POND	BASE	25.27	14.550	18.500	59927	0.097	0.005	0.1	0.0
POST 25YR-72HR	WET POND	BASE	25.52	14.552	18.500	59937	0.098	0.005	0.1	0.0
POST 25YR-72HR	WET POND	BASE	25.77	14.553	18.500	59946	0.098	0.005	0.1	0.0
POST 25YR-72HR	WET POND	BASE	26.02	14.556	18.500	59955	0.099	0.006	0.1	0.0
POST 25YR-72HR	WET POND	BASE	26.27	14.556	18.500	59965	0.100	0.006	0.1	0.0
POST 25YR-72HR	WET POND	BASE	26.52	14.557	18.500	59974	0.100	0.006	0.1	0.0
POST 25YR-72HR	WET POND	BASE	26.77	14.559	18.500	59984	0.101	0.007	0.1	0.0
POST 25YR-72HR	WET POND	BASE	27.02	14.560	18.500	59993	0.102	0.007	0.1	0.0
POST 25YR-72HR	WET POND	BASE	27.27	14.562	18.500	60003	0.102	0.007	0.1	0.0
POST 25YR-72HR	WET POND	BASE	27.52	14.563	18.500	60012	0.103	0.008	0.1	0.0
POST 25YR-72HR	WET POND	BASE	27.77	14.564	18.500	60022	0.104	0.008	0.1	0.0
POST 25YR-72HR	WET POND	BASE	28.02	14.566	18.500	60032	0.104	0.008	0.1	0.0
POST 25YR-72HR	WET POND	BASE	28.27	14.567	18.500	60041	0.105	0.009	0.1	0.0
POST 25YR-72HR	WET POND	BASE	28.52	14.569	18.500	60051	0.105	0.009	0.1	0.0
POST 25YR-72HR	WET POND	BASE	28.77	14.570	18.500	60061	0.106	0.010	0.1	0.0
POST 25YR-72HR	WET POND	BASE	29.02	14.572	18.500	60070	0.106	0.010	0.1	0.0
POST 25YR-72HR	WET POND	BASE	29.27	14.573	18.500	60080	0.107	0.010	0.1	0.0
POST 25YR-72HR	WET POND	BASE	29.52	14.574	18.500	60090	0.107	0.011	0.1	0.0
POST 25YR-72HR	WET POND	BASE	29.77	14.576	18.500	60099	0.108	0.011	0.1	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25XR-72HR	WET POND	BASE	30.02	14.577	18.500	60109	0.108	0.012	0.1	0.0
POST 25XR-72HR	WET POND	BASE	30.27	14.579	18.500	60119	0.109	0.012	0.1	0.0
POST 25XR-72HR	WET POND	BASE	30.52	14.580	18.500	60129	0.109	0.012	0.1	0.0
POST 25XR-72HR	WET POND	BASE	30.77	14.582	18.500	60138	0.110	0.013	0.1	0.0
POST 25XR-72HR	WET POND	BASE	31.02	14.583	18.500	60148	0.110	0.013	0.1	0.0
POST 25XR-72HR	WET POND	BASE	31.27	14.585	18.500	60158	0.111	0.014	0.1	0.0
POST 25XR-72HR	WET POND	BASE	31.52	14.586	18.500	60167	0.111	0.014	0.1	0.0
POST 25XR-72HR	WET POND	BASE	31.77	14.588	18.500	60177	0.112	0.015	0.1	0.0
POST 25XR-72HR	WET POND	BASE	32.02	14.589	18.500	60187	0.112	0.015	0.1	0.0
POST 25XR-72HR	WET POND	BASE	32.27	14.590	18.500	60197	0.112	0.016	0.1	0.0
POST 25XR-72HR	WET POND	BASE	32.52	14.592	18.500	60206	0.113	0.016	0.1	0.0
POST 25XR-72HR	WET POND	BASE	32.77	14.593	18.500	60216	0.113	0.017	0.1	0.0
POST 25XR-72HR	WET POND	BASE	33.02	14.595	18.500	60226	0.114	0.017	0.1	0.0
POST 25XR-72HR	WET POND	BASE	33.27	14.596	18.500	60235	0.114	0.018	0.1	0.0
POST 25XR-72HR	WET POND	BASE	33.52	14.598	18.500	60245	0.114	0.018	0.1	0.0
POST 25XR-72HR	WET POND	BASE	33.77	14.599	18.500	60254	0.115	0.019	0.1	0.0
POST 25XR-72HR	WET POND	BASE	34.02	14.600	18.500	60264	0.115	0.019	0.1	0.0
POST 25XR-72HR	WET POND	BASE	34.27	14.602	18.500	60274	0.116	0.020	0.2	0.0
POST 25XR-72HR	WET POND	BASE	34.52	14.603	18.500	60283	0.116	0.021	0.2	0.0
POST 25XR-72HR	WET POND	BASE	34.77	14.605	18.500	60293	0.116	0.021	0.2	0.0
POST 25XR-72HR	WET POND	BASE	35.02	14.606	18.500	60302	0.117	0.022	0.2	0.0
POST 25XR-72HR	WET POND	BASE	35.27	14.608	18.500	60312	0.117	0.022	0.2	0.0
POST 25XR-72HR	WET POND	BASE	35.52	14.609	18.500	60321	0.117	0.023	0.2	0.0
POST 25XR-72HR	WET POND	BASE	35.77	14.610	18.500	60331	0.118	0.023	0.2	0.0
POST 25XR-72HR	WET POND	BASE	36.02	14.612	18.500	60340	0.118	0.024	0.2	0.0
POST 25XR-72HR	WET POND	BASE	36.27	14.615	18.500	60349	0.119	0.025	0.2	0.0
POST 25XR-72HR	WET POND	BASE	36.52	14.615	18.500	60359	0.120	0.025	0.2	0.0
POST 25XR-72HR	WET POND	BASE	36.77	14.616	18.500	60368	0.120	0.026	0.2	0.0
POST 25XR-72HR	WET POND	BASE	37.02	14.617	18.500	60378	0.121	0.027	0.2	0.0
POST 25XR-72HR	WET POND	BASE	37.27	14.619	18.500	60387	0.121	0.027	0.2	0.0
POST 25XR-72HR	WET POND	BASE	37.52	14.620	18.500	60397	0.121	0.028	0.2	0.0
POST 25XR-72HR	WET POND	BASE	37.77	14.622	18.500	60406	0.121	0.028	0.2	0.0
POST 25XR-72HR	WET POND	BASE	38.02	14.623	18.500	60415	0.121	0.029	0.2	0.0
POST 25XR-72HR	WET POND	BASE	38.27	14.624	18.500	60424	0.122	0.029	0.2	0.0
POST 25XR-72HR	WET POND	BASE	38.52	14.626	18.500	60434	0.122	0.030	0.2	0.0
POST 25XR-72HR	WET POND	BASE	38.77	14.627	18.500	60443	0.122	0.031	0.2	0.0
POST 25XR-72HR	WET POND	BASE	39.02	14.628	18.500	60452	0.123	0.031	0.2	0.0
POST 25XR-72HR	WET POND	BASE	39.27	14.630	18.500	60461	0.123	0.032	0.2	0.0
POST 25XR-72HR	WET POND	BASE	39.52	14.631	18.500	60470	0.123	0.033	0.2	0.0
POST 25XR-72HR	WET POND	BASE	39.77	14.633	18.500	60479	0.123	0.033	0.2	0.0
POST 25XR-72HR	WET POND	BASE	40.02	14.634	18.500	60488	0.124	0.034	0.2	0.0
POST 25XR-72HR	WET POND	BASE	40.27	14.635	18.500	60497	0.124	0.035	0.2	0.0
POST 25XR-72HR	WET POND	BASE	40.52	14.637	18.500	60506	0.124	0.035	0.2	0.0
POST 25XR-72HR	WET POND	BASE	40.77	14.638	18.500	60515	0.124	0.036	0.2	0.0
POST 25XR-72HR	WET POND	BASE	41.02	14.639	18.500	60523	0.125	0.037	0.2	0.0
POST 25XR-72HR	WET POND	BASE	41.27	14.640	18.500	60532	0.125	0.037	0.2	0.0
POST 25XR-72HR	WET POND	BASE	41.52	14.642	18.500	60541	0.125	0.038	0.2	0.0
POST 25XR-72HR	WET POND	BASE	41.77	14.643	18.500	60550	0.125	0.039	0.2	0.0
POST 25XR-72HR	WET POND	BASE	42.02	14.644	18.500	60558	0.125	0.039	0.2	0.0
POST 25XR-72HR	WET POND	BASE	42.27	14.646	18.500	60567	0.126	0.040	0.2	0.0
POST 25XR-72HR	WET POND	BASE	42.52	14.647	18.500	60575	0.126	0.040	0.2	0.0
POST 25XR-72HR	WET POND	BASE	42.77	14.648	18.500	60584	0.126	0.041	0.2	0.0
POST 25XR-72HR	WET POND	BASE	43.02	14.649	18.500	60592	0.126	0.042	0.2	0.0
POST 25XR-72HR	WET POND	BASE	43.27	14.651	18.500	60601	0.127	0.042	0.2	0.0
POST 25XR-72HR	WET POND	BASE	43.52	14.652	18.500	60609	0.127	0.043	0.2	0.0
POST 25XR-72HR	WET POND	BASE	43.77	14.653	18.500	60617	0.127	0.044	0.2	0.0
POST 25XR-72HR	WET POND	BASE	44.02	14.654	18.500	60626	0.127	0.044	0.2	0.0
POST 25XR-72HR	WET POND	BASE	44.27	14.656	18.500	60634	0.127	0.045	0.3	0.0
POST 25XR-72HR	WET POND	BASE	44.52	14.657	18.500	60642	0.127	0.046	0.3	0.0
POST 25XR-72HR	WET POND	BASE	44.77	14.658	18.500	60650	0.128	0.046	0.3	0.0

IKX STREET CENTER
1 day bleed down post 25/7/2 storm

Simulation	Node	Group	Time	Stage	Warning	Surface	Total	Total	Total	Total
			hrs	ft	Stage	Area	Inflow	Outflow	Vol In	Vol Out
				ft		ft ²	cfs	cfs	af	af
KOST 25YR-72HR	WET POND	BASE	45.02	14.639	18.500	60659	0.129	0.047	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	45.27	14.660	18.500	60666	0.128	0.048	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	45.52	14.662	18.500	60674	0.128	0.048	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	45.77	14.663	18.500	60682	0.128	0.049	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	46.02	14.664	18.500	60690	0.129	0.050	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	46.27	14.665	18.500	60698	0.129	0.050	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	46.52	14.666	18.500	60706	0.129	0.051	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	46.77	14.667	18.500	60713	0.129	0.052	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	47.02	14.669	18.500	60721	0.129	0.052	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	47.27	14.670	18.500	60729	0.129	0.053	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	47.52	14.671	18.500	60736	0.130	0.054	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	47.77	14.672	18.500	60744	0.130	0.054	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	48.02	14.673	18.500	60751	0.131	0.055	0.3	0.0
KOST 25YR-72HR	WET POND	BASE	48.27	14.674	18.500	60760	0.144	0.056	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	48.52	14.676	18.500	60768	0.145	0.056	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	48.77	14.677	18.500	60777	0.145	0.057	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	49.02	14.678	18.500	60786	0.145	0.058	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	49.27	14.680	18.500	60795	0.146	0.059	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	49.52	14.681	18.500	60803	0.149	0.059	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	49.77	14.682	18.500	60812	0.149	0.060	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	50.02	14.683	18.500	60821	0.152	0.061	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	50.27	14.685	18.500	60831	0.115	0.062	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	50.52	14.687	18.500	60843	0.176	0.063	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	50.77	14.688	18.500	60854	0.176	0.064	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	51.02	14.690	18.500	60865	0.178	0.065	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	51.27	14.692	18.500	60877	0.192	0.066	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	51.52	14.694	18.500	60890	0.193	0.067	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	51.77	14.696	18.500	60902	0.193	0.069	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	52.02	14.697	18.500	60914	0.200	0.070	0.3	0.1
KOST 25YR-72HR	WET POND	BASE	52.27	14.700	18.500	60931	0.230	0.071	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	52.52	14.702	18.500	60948	0.253	0.073	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	52.77	14.705	18.500	60966	0.253	0.075	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	53.02	14.708	18.500	60984	0.260	0.076	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	53.27	14.711	18.500	61005	0.310	0.078	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	53.52	14.714	18.500	61029	0.314	0.081	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	53.77	14.718	18.500	61051	0.314	0.083	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	54.02	14.721	18.500	61074	0.352	0.085	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	54.27	14.726	18.500	61117	0.700	0.089	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	54.52	14.739	18.500	61195	1.080	0.097	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	54.77	14.756	18.500	61308	1.415	0.109	0.4	0.1
KOST 25YR-72HR	WET POND	BASE	55.02	14.777	18.500	61449	1.677	0.123	0.5	0.1
KOST 25YR-72HR	WET POND	BASE	55.27	14.802	18.500	61614	1.930	0.138	0.5	0.1
KOST 25YR-72HR	WET POND	BASE	55.52	14.829	18.500	61797	2.115	0.151	0.6	0.1
KOST 25YR-72HR	WET POND	BASE	55.77	14.859	18.500	61995	2.260	0.172	0.6	0.1
KOST 25YR-72HR	WET POND	BASE	56.02	14.889	18.500	62202	2.372	0.195	0.7	0.1
KOST 25YR-72HR	WET POND	BASE	56.27	14.922	18.500	62421	2.535	0.212	0.7	0.1
KOST 25YR-72HR	WET POND	BASE	56.52	14.956	18.500	62651	2.669	0.226	0.8	0.1
KOST 25YR-72HR	WET POND	BASE	56.77	14.992	18.500	62891	2.783	0.240	0.8	0.1
KOST 25YR-72HR	WET POND	BASE	57.02	15.029	18.500	63138	2.883	0.253	0.9	0.1
KOST 25YR-72HR	WET POND	BASE	57.27	15.068	18.500	63398	3.065	0.266	0.9	0.1
KOST 25YR-72HR	WET POND	BASE	57.52	15.108	18.500	63671	3.229	0.279	1.0	0.1
KOST 25YR-72HR	WET POND	BASE	57.77	15.151	18.500	63959	3.436	0.292	1.1	0.1
KOST 25YR-72HR	WET POND	BASE	58.02	15.197	18.500	64263	3.615	0.305	1.1	0.1
KOST 25YR-72HR	WET POND	BASE	58.27	15.244	18.500	64583	3.845	0.319	1.2	0.2
KOST 25YR-72HR	WET POND	BASE	58.52	15.295	18.500	64921	4.064	0.333	1.3	0.2
KOST 25YR-72HR	WET POND	BASE	58.77	15.350	18.500	65289	4.534	0.347	1.4	0.2
KOST 25YR-72HR	WET POND	BASE	59.02	15.410	18.500	65694	5.026	0.362	1.5	0.2
KOST 25YR-72HR	WET POND	BASE	59.26	15.478	18.500	66152	6.081	0.378	1.6	0.2
KOST 25YR-72HR	WET POND	BASE	59.51	15.562	18.500	66726	7.526	0.397	1.7	0.2
KOST 25YR-72HR	WET POND	BASE	59.75	15.745	18.500	67915	20.949	0.436	2.0	0.2

WAK STREET CENTER
: day bleed down post 25/72 storm

Simulation	Group	Time hrs	Stage ft	Warning ft	Surface ft2	Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-2HR	BASE	60.00	16.118	18.500	70523	37.914	0.506	2.6	0.2
POST 25YR-2HR	BASE	60.25	16.595	18.500	73802	38.285	0.583	3.4	0.2
POST 25YR-2HR	BASE	60.50	17.004	18.500	76772	30.711	0.662	4.1	0.2
POST 25YR-2HR	BASE	60.75	17.300	18.500	78750	22.555	0.681	4.7	0.2
POST 25YR-2HR	BASE	61.00	17.514	18.500	80246	16.581	0.109	5.1	0.3
POST 25YR-2HR	BASE	61.25	17.664	18.500	81306	12.170	0.127	5.4	0.3
POST 25YR-2HR	BASE	61.50	17.773	18.500	82077	9.226	0.140	5.6	0.3
POST 25YR-2HR	BASE	61.75	17.855	18.500	82653	7.311	0.150	5.8	0.3
POST 25YR-2HR	BASE	62.00	17.919	18.500	83109	6.190	0.157	5.9	0.3
POST 25YR-2HR	BASE	62.25	17.972	18.500	83482	5.257	0.163	6.0	0.3
POST 25YR-2HR	BASE	62.50	18.017	18.500	83798	4.501	0.169	6.1	0.4
POST 25YR-2HR	BASE	62.75	18.055	18.500	84067	4.069	0.173	6.2	0.4
POST 25YR-2HR	BASE	63.00	18.088	18.500	84301	3.700	0.177	6.3	0.4
POST 25YR-2HR	BASE	63.25	18.118	18.500	84509	3.448	0.187	6.4	0.4
POST 25YR-2HR	BASE	63.50	18.143	18.500	84695	3.285	1.182	6.4	0.4
POST 25YR-2HR	BASE	63.75	18.163	18.500	84827	3.186	1.498	6.5	0.5
POST 25YR-2HR	BASE	64.00	18.179	18.500	84940	3.127	1.791	6.6	0.5
POST 25YR-2HR	BASE	64.25	18.190	18.500	85020	2.842	2.016	6.6	0.5
POST 25YR-2HR	BASE	64.50	18.197	18.500	85087	2.505	2.155	6.7	0.6
POST 25YR-2HR	BASE	64.75	18.200	18.500	85088	2.352	2.218	6.7	0.6
POST 25YR-2HR	BASE	65.00	18.200	18.500	85090	2.174	2.226	6.8	0.7
POST 25YR-2HR	BASE	65.25	18.199	18.500	85082	2.050	2.202	6.8	0.7
POST 25YR-2HR	BASE	65.50	18.197	18.500	85069	1.968	2.162	6.9	0.7
POST 25YR-2HR	BASE	65.75	18.195	18.500	85054	1.917	2.117	6.9	0.8
POST 25YR-2HR	BASE	66.00	18.193	18.500	85040	1.887	2.074	7.0	0.8
POST 25YR-2HR	BASE	66.25	18.191	18.500	85027	1.869	2.035	7.0	0.9
POST 25YR-2HR	BASE	66.50	18.189	18.500	85015	1.858	2.001	7.0	0.9
POST 25YR-2HR	BASE	66.75	18.188	18.500	85005	1.852	1.973	7.1	1.0
POST 25YR-2HR	BASE	67.00	18.187	18.500	84997	1.848	1.949	7.1	1.0
POST 25YR-2HR	BASE	67.25	18.186	18.500	84990	1.846	1.929	7.2	1.0
POST 25YR-2HR	BASE	67.50	18.185	18.500	84984	1.845	1.913	7.2	1.1
POST 25YR-2HR	BASE	67.75	18.184	18.500	84980	1.845	1.900	7.2	1.1
POST 25YR-2HR	BASE	68.00	18.184	18.500	84976	1.844	1.890	7.3	1.2
POST 25YR-2HR	BASE	68.25	18.183	18.500	84968	1.720	1.868	7.3	1.2
POST 25YR-2HR	BASE	68.50	18.181	18.500	84954	1.611	1.830	7.3	1.2
POST 25YR-2HR	BASE	68.75	18.178	18.500	84936	1.504	1.779	7.4	1.3
POST 25YR-2HR	BASE	69.00	18.175	18.500	84914	1.417	1.721	7.4	1.3
POST 25YR-2HR	BASE	69.25	18.172	18.500	84891	1.353	1.660	7.4	1.3
POST 25YR-2HR	BASE	69.50	18.169	18.500	84869	1.308	1.602	7.5	1.4
POST 25YR-2HR	BASE	69.75	18.166	18.500	84847	1.277	1.549	7.5	1.4
POST 25YR-2HR	BASE	70.00	18.163	18.500	84828	1.258	1.501	7.5	1.4
POST 25YR-2HR	BASE	70.25	18.160	18.500	84811	1.247	1.460	7.5	1.5
POST 25YR-2HR	BASE	70.50	18.158	18.500	84796	1.240	1.424	7.6	1.5
POST 25YR-2HR	BASE	70.75	18.157	18.500	84783	1.236	1.395	7.6	1.5
POST 25YR-2HR	BASE	71.00	18.155	18.500	84772	1.234	1.369	7.6	1.6
POST 25YR-2HR	BASE	71.25	18.154	18.500	84763	1.232	1.348	7.6	1.6
POST 25YR-2HR	BASE	71.50	18.152	18.500	84755	1.232	1.330	7.7	1.6
POST 25YR-2HR	BASE	71.75	18.152	18.500	84746	1.231	1.315	7.7	1.6
POST 25YR-2HR	BASE	72.00	18.151	18.500	84740	1.021	1.301	7.7	1.7
POST 25YR-2HR	BASE	72.25	18.146	18.500	84710	0.685	1.233	7.7	1.7
POST 25YR-2HR	BASE	72.50	18.140	18.500	84664	0.482	1.140	7.7	1.7
POST 25YR-2HR	BASE	72.75	18.132	18.500	84613	0.351	1.046	7.7	1.7
POST 25YR-2HR	BASE	73.00	18.125	18.500	84560	0.264	0.960	7.8	1.8
POST 25YR-2HR	BASE	73.25	18.118	18.500	84509	0.204	0.886	7.8	1.8
POST 25YR-2HR	BASE	73.50	18.110	18.500	84458	0.160	0.828	7.8	1.8
POST 25YR-2HR	BASE	73.75	18.103	18.500	84408	0.128	0.787	7.8	1.8
POST 25YR-2HR	BASE	74.00	18.096	18.500	84358	0.104	0.778	7.8	1.8
POST 25YR-2HR	BASE	74.25	18.089	18.500	84307	0.086	0.777	7.8	1.9
POST 25YR-2HR	BASE	74.50	18.082	18.500	84254	0.072	0.776	7.8	1.9
POST 25YR-2HR	BASE	74.75	18.074	18.500	84201	0.060	0.775	7.8	1.9

ARK STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time	Stage	Warning	Surface	Total	Total	Total	Total
			hrs	ft	stage	area	Inflow	Outflow	Vol In	Vol Out
					ft	ft ²	cfs	cfs	ac	ac
POST 25YR-72HR	NET POND	BASE	75.00	18.066	18.500	84146	0.051	0.774	7.8	1.9
POST 25YR-72HR	NET POND	BASE	75.25	18.058	18.500	84092	0.044	0.773	7.8	1.9
POST 25YR-72HR	NET POND	BASE	75.50	18.051	18.500	84036	0.038	0.772	7.8	1.9
POST 25YR-72HR	NET POND	BASE	75.75	18.043	18.500	83981	0.033	0.772	7.8	1.9
POST 25YR-72HR	NET POND	BASE	76.00	18.035	18.500	83925	0.029	0.771	7.8	2.0
POST 25YR-72HR	NET POND	BASE	76.25	18.027	18.500	83868	0.026	0.770	7.8	2.0
POST 25YR-72HR	NET POND	BASE	76.50	18.019	18.500	83812	0.023	0.769	7.8	2.0
POST 25YR-72HR	NET POND	BASE	76.75	18.011	18.500	83755	0.020	0.768	7.8	2.0
POST 25YR-72HR	NET POND	BASE	77.00	18.003	18.500	83699	0.018	0.767	7.8	2.0
POST 25YR-72HR	NET POND	BASE	77.25	17.995	18.500	83642	0.016	0.766	7.8	2.0
POST 25YR-72HR	NET POND	BASE	77.50	17.987	18.500	83585	0.014	0.765	7.8	2.1
POST 25YR-72HR	NET POND	BASE	77.75	17.979	18.500	83528	0.013	0.764	7.8	2.1
POST 25YR-72HR	NET POND	BASE	78.00	17.970	18.500	83470	0.012	0.763	7.8	2.1
POST 25YR-72HR	NET POND	BASE	78.25	17.962	18.500	83413	0.011	0.762	7.8	2.1
POST 25YR-72HR	NET POND	BASE	78.50	17.954	18.500	83356	0.010	0.761	7.8	2.1
POST 25YR-72HR	NET POND	BASE	78.75	17.946	18.500	83299	0.009	0.760	7.8	2.1
POST 25YR-72HR	NET POND	BASE	79.00	17.938	18.500	83241	0.008	0.760	7.8	2.2
POST 25YR-72HR	NET POND	BASE	79.25	17.930	18.500	83184	0.008	0.759	7.8	2.2
POST 25YR-72HR	NET POND	BASE	79.50	17.922	18.500	83127	0.007	0.758	7.8	2.2
POST 25YR-72HR	NET POND	BASE	79.75	17.914	18.500	83069	0.006	0.757	7.8	2.2
POST 25YR-72HR	NET POND	BASE	80.00	17.906	18.500	83012	0.006	0.756	7.8	2.2
POST 25YR-72HR	NET POND	BASE	80.25	17.897	18.500	82955	0.006	0.755	7.8	2.2
POST 25YR-72HR	NET POND	BASE	80.50	17.889	18.500	82897	0.005	0.754	7.8	2.2
POST 25YR-72HR	NET POND	BASE	80.75	17.881	18.500	82840	0.005	0.753	7.8	2.3
POST 25YR-72HR	NET POND	BASE	81.00	17.873	18.500	82783	0.004	0.752	7.8	2.3
POST 25YR-72HR	NET POND	BASE	81.25	17.865	18.500	82725	0.004	0.751	7.8	2.3
POST 25YR-72HR	NET POND	BASE	81.50	17.857	18.500	82668	0.004	0.750	7.8	2.3
POST 25YR-72HR	NET POND	BASE	81.75	17.849	18.500	82611	0.004	0.749	7.8	2.3
POST 25YR-72HR	NET POND	BASE	82.00	17.841	18.500	82553	0.003	0.748	7.8	2.3
POST 25YR-72HR	NET POND	BASE	82.25	17.832	18.500	82496	0.003	0.747	7.8	2.4
POST 25YR-72HR	NET POND	BASE	82.50	17.824	18.500	82439	0.003	0.746	7.8	2.4
POST 25YR-72HR	NET POND	BASE	82.75	17.816	18.500	82381	0.003	0.745	7.8	2.4
POST 25YR-72HR	NET POND	BASE	83.00	17.808	18.500	82324	0.003	0.744	7.8	2.4
POST 25YR-72HR	NET POND	BASE	83.25	17.800	18.500	82267	0.003	0.743	7.8	2.4
POST 25YR-72HR	NET POND	BASE	83.50	17.792	18.500	82210	0.002	0.742	7.8	2.4
POST 25YR-72HR	NET POND	BASE	83.75	17.784	18.500	82153	0.002	0.741	7.8	2.4
POST 25YR-72HR	NET POND	BASE	84.00	17.776	18.500	82096	0.002	0.740	7.8	2.5
POST 25YR-72HR	NET POND	BASE	84.25	17.768	18.500	82038	0.002	0.739	7.8	2.5
POST 25YR-72HR	NET POND	BASE	84.50	17.759	18.500	81981	0.002	0.738	7.8	2.5
POST 25YR-72HR	NET POND	BASE	84.75	17.751	18.500	81924	0.002	0.738	7.8	2.5
POST 25YR-72HR	NET POND	BASE	85.00	17.743	18.500	81867	0.002	0.737	7.8	2.5
POST 25YR-72HR	NET POND	BASE	85.25	17.735	18.500	81810	0.002	0.736	7.8	2.5
POST 25YR-72HR	NET POND	BASE	85.50	17.727	18.500	81753	0.002	0.735	7.8	2.6
POST 25YR-72HR	NET POND	BASE	85.75	17.719	18.500	81696	0.001	0.734	7.8	2.6
POST 25YR-72HR	NET POND	BASE	86.00	17.711	18.500	81640	0.001	0.733	7.8	2.6
POST 25YR-72HR	NET POND	BASE	86.25	17.703	18.500	81583	0.001	0.732	7.8	2.6
POST 25YR-72HR	NET POND	BASE	86.50	17.695	18.500	81526	0.001	0.731	7.8	2.6
POST 25YR-72HR	NET POND	BASE	86.75	17.687	18.500	81469	0.001	0.730	7.8	2.6
POST 25YR-72HR	NET POND	BASE	87.00	17.679	18.500	81412	0.001	0.729	7.8	2.6
POST 25YR-72HR	NET POND	BASE	87.25	17.671	18.500	81355	0.001	0.728	7.8	2.7
POST 25YR-72HR	NET POND	BASE	87.50	17.663	18.500	81299	0.001	0.727	7.8	2.7
POST 25YR-72HR	NET POND	BASE	87.75	17.655	18.500	81242	0.001	0.726	7.8	2.7
POST 25YR-72HR	NET POND	BASE	88.00	17.647	18.500	81185	0.001	0.725	7.8	2.7
POST 25YR-72HR	NET POND	BASE	88.25	17.639	18.500	81129	0.001	0.724	7.8	2.7
POST 25YR-72HR	NET POND	BASE	88.50	17.631	18.500	81072	0.001	0.723	7.8	2.7
POST 25YR-72HR	NET POND	BASE	88.75	17.623	18.500	81016	0.001	0.722	7.8	2.8
POST 25YR-72HR	NET POND	BASE	89.00	17.615	18.500	80959	0.001	0.721	7.8	2.8
POST 25YR-72HR	NET POND	BASE	89.25	17.607	18.500	80903	0.001	0.720	7.8	2.8
POST 25YR-72HR	NET POND	BASE	89.50	17.599	18.500	80846	0.001	0.719	7.8	2.8
POST 25YR-72HR	NET POND	BASE	89.75	17.591	18.500	80790	0.001	0.718	7.8	2.8

WAX STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In ft ³	Total Vol Out ft ³	Total Vol ft ³
POST 25YR-22HR	WET POND	BASE	90.00	17.583	18.500	80733	0.001	0.717	7.8	7.8	2.8
POST 25YR-22HR	WET POND	BASE	90.25	17.575	18.500	80677	0.001	0.716	7.8	7.8	2.8
POST 25YR-22HR	WET POND	BASE	90.50	17.567	18.500	80621	0.001	0.715	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	90.75	17.559	18.500	80565	0.001	0.714	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	91.00	17.551	18.500	80508	0.001	0.713	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	91.25	17.543	18.500	80452	0.001	0.712	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	91.50	17.535	18.500	80396	0.001	0.711	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	91.75	17.527	18.500	80340	0.001	0.710	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	92.00	17.519	18.500	80284	0.001	0.709	7.8	7.8	2.9
POST 25YR-22HR	WET POND	BASE	92.25	17.511	18.500	80228	0.001	0.708	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	92.50	17.503	18.500	80172	0.001	0.707	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	92.75	17.495	18.500	80116	0.000	0.706	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	93.00	17.487	18.500	80060	0.000	0.705	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	93.25	17.479	18.500	80005	0.000	0.704	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	93.50	17.471	18.500	79949	0.000	0.703	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	93.75	17.463	18.500	79894	0.000	0.702	7.8	7.8	3.0
POST 25YR-22HR	WET POND	BASE	94.00	17.456	18.500	79838	0.000	0.701	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	94.25	17.448	18.500	79783	0.000	0.700	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	94.50	17.440	18.500	79728	0.000	0.699	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	94.75	17.432	18.500	79672	0.000	0.698	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	95.00	17.424	18.500	79617	0.000	0.697	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	95.25	17.416	18.500	79562	0.000	0.696	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	95.50	17.408	18.500	79507	0.000	0.695	7.8	7.8	3.1
POST 25YR-22HR	WET POND	BASE	95.75	17.400	18.500	79452	0.000	0.694	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	96.00	17.392	18.500	79396	0.000	0.693	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	96.25	17.385	18.500	79341	0.000	0.692	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	96.50	17.377	18.500	79286	0.000	0.691	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	96.75	17.369	18.500	79231	0.000	0.690	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	97.00	17.361	18.500	79176	0.000	0.689	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	97.25	17.353	18.500	79122	0.000	0.688	7.8	7.8	3.2
POST 25YR-22HR	WET POND	BASE	97.50	17.345	18.500	79067	0.000	0.687	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	97.75	17.338	18.500	79012	0.000	0.686	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	98.00	17.330	18.500	78957	0.000	0.685	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	98.25	17.322	18.500	78902	0.000	0.684	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	98.50	17.314	18.500	78848	0.000	0.683	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	98.75	17.306	18.500	78793	0.000	0.682	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	99.00	17.299	18.500	78738	0.000	0.681	7.8	7.8	3.3
POST 25YR-22HR	WET POND	BASE	99.25	17.291	18.500	78684	0.000	0.680	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	99.50	17.283	18.500	78629	0.000	0.679	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	99.75	17.275	18.500	78575	0.000	0.678	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	100.00	17.268	18.500	78520	0.000	0.677	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	100.25	17.260	18.500	78466	0.000	0.676	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	100.50	17.252	18.500	78412	0.000	0.675	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	100.75	17.244	18.500	78357	0.000	0.674	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	101.00	17.237	18.500	78303	0.000	0.673	7.8	7.8	3.4
POST 25YR-22HR	WET POND	BASE	101.25	17.229	18.500	78249	0.000	0.672	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	101.50	17.221	18.500	78195	0.000	0.671	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	101.75	17.213	18.500	78140	0.000	0.670	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	102.00	17.206	18.500	78086	0.000	0.669	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	102.25	17.198	18.500	78032	0.000	0.668	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	102.50	17.190	18.500	77978	0.000	0.667	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	102.75	17.183	18.500	77924	0.000	0.666	7.8	7.8	3.5
POST 25YR-22HR	WET POND	BASE	103.00	17.175	18.500	77870	0.000	0.665	7.8	7.8	3.6
POST 25YR-22HR	WET POND	BASE	103.25	17.167	18.500	77817	0.000	0.664	7.8	7.8	3.6
POST 25YR-22HR	WET POND	BASE	103.50	17.160	18.500	77763	0.000	0.663	7.8	7.8	3.6
POST 25YR-22HR	WET POND	BASE	103.75	17.152	18.500	77709	0.000	0.662	7.8	7.8	3.6
POST 25YR-22HR	WET POND	BASE	104.00	17.144	18.500	77655	0.000	0.661	7.8	7.8	3.6
POST 25YR-22HR	WET POND	BASE	104.25	17.137	18.500	77601	0.000	0.660	7.8	7.8	3.6
POST 25YR-22HR	WET POND	BASE	104.50	17.129	18.500	77548	0.000	0.659	7.8	7.8	3.7
POST 25YR-22HR	WET POND	BASE	104.75	17.121	18.500	77494	0.000	0.658	7.8	7.8	3.7

ARK STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Mode	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-72HR	NET POND	BASE	105.00	17.116	18.500	77441	0.000	0.657	7.9	3.7
POST 25YR-72HR	NET POND	BASE	105.25	17.106	18.500	77387	0.000	0.656	7.8	3.7
POST 25YR-72HR	NET POND	BASE	105.50	17.091	18.500	77334	0.000	0.655	7.8	3.7
POST 25YR-72HR	NET POND	BASE	105.75	17.076	18.500	77280	0.000	0.654	7.8	3.7
POST 25YR-72HR	NET POND	BASE	106.00	17.063	18.500	77227	0.000	0.653	7.8	3.7
POST 25YR-72HR	NET POND	BASE	106.25	17.050	18.500	77174	0.000	0.652	7.8	3.7
POST 25YR-72HR	NET POND	BASE	106.50	17.038	18.500	77120	0.000	0.651	7.8	3.8
POST 25YR-72HR	NET POND	BASE	106.75	17.026	18.500	77067	0.000	0.650	7.8	3.8
POST 25YR-72HR	NET POND	BASE	107.00	17.013	18.500	77014	0.000	0.649	7.8	3.8
POST 25YR-72HR	NET POND	BASE	107.25	17.001	18.500	76961	0.000	0.648	7.8	3.8
POST 25YR-72HR	NET POND	BASE	107.50	16.988	18.500	76908	0.000	0.647	7.8	3.8
POST 25YR-72HR	NET POND	BASE	107.75	16.976	18.500	76855	0.000	0.646	7.8	3.8
POST 25YR-72HR	NET POND	BASE	108.00	16.963	18.500	76802	0.000	0.645	7.9	3.8
POST 25YR-72HR	NET POND	BASE	108.25	16.951	18.500	76749	0.000	0.644	7.9	3.9
POST 25YR-72HR	NET POND	BASE	108.50	16.938	18.500	76696	0.000	0.642	7.8	3.9
POST 25YR-72HR	NET POND	BASE	108.75	16.926	18.500	76643	0.000	0.641	7.8	3.9
POST 25YR-72HR	NET POND	BASE	109.00	16.913	18.500	76590	0.000	0.640	7.8	3.9
POST 25YR-72HR	NET POND	BASE	109.25	16.901	18.500	76537	0.000	0.639	7.8	3.9
POST 25YR-72HR	NET POND	BASE	109.50	16.888	18.500	76485	0.000	0.638	7.8	3.9
POST 25YR-72HR	NET POND	BASE	109.75	16.876	18.500	76432	0.000	0.637	7.8	3.9
POST 25YR-72HR	NET POND	BASE	110.00	16.863	18.500	76380	0.000	0.636	7.8	3.9
POST 25YR-72HR	NET POND	BASE	110.25	16.851	18.500	76327	0.000	0.635	7.8	4.0
POST 25YR-72HR	NET POND	BASE	110.50	16.838	18.500	76275	0.000	0.634	7.8	4.0
POST 25YR-72HR	NET POND	BASE	110.75	16.826	18.500	76222	0.000	0.633	7.8	4.0
POST 25YR-72HR	NET POND	BASE	111.00	16.813	18.500	76170	0.000	0.632	7.9	4.0
POST 25YR-72HR	NET POND	BASE	111.25	16.801	18.500	76117	0.000	0.631	7.9	4.0
POST 25YR-72HR	NET POND	BASE	111.50	16.788	18.500	76065	0.000	0.630	7.8	4.0
POST 25YR-72HR	NET POND	BASE	111.75	16.776	18.500	76013	0.000	0.629	7.8	4.0
POST 25YR-72HR	NET POND	BASE	112.00	16.763	18.500	75961	0.000	0.628	7.8	4.0
POST 25YR-72HR	NET POND	BASE	112.25	16.751	18.500	75908	0.000	0.627	7.8	4.1
POST 25YR-72HR	NET POND	BASE	112.50	16.738	18.500	75856	0.000	0.626	7.8	4.1
POST 25YR-72HR	NET POND	BASE	112.75	16.726	18.500	75804	0.000	0.625	7.8	4.1
POST 25YR-72HR	NET POND	BASE	113.00	16.713	18.500	75752	0.000	0.624	7.8	4.1
POST 25YR-72HR	NET POND	BASE	113.25	16.701	18.500	75699	0.000	0.623	7.8	4.1
POST 25YR-72HR	NET POND	BASE	113.50	16.688	18.500	75648	0.000	0.622	7.8	4.1
POST 25YR-72HR	NET POND	BASE	113.75	16.676	18.500	75597	0.000	0.621	7.8	4.1
POST 25YR-72HR	NET POND	BASE	114.00	16.663	18.500	75545	0.000	0.620	7.8	4.2
POST 25YR-72HR	NET POND	BASE	114.25	16.651	18.500	75493	0.000	0.618	7.8	4.2
POST 25YR-72HR	NET POND	BASE	114.50	16.638	18.500	75441	0.000	0.617	7.8	4.2
POST 25YR-72HR	NET POND	BASE	114.75	16.626	18.500	75390	0.000	0.616	7.8	4.2
POST 25YR-72HR	NET POND	BASE	115.00	16.613	18.500	75338	0.000	0.615	7.8	4.2
POST 25YR-72HR	NET POND	BASE	115.25	16.601	18.500	75287	0.000	0.614	7.8	4.2
POST 25YR-72HR	NET POND	BASE	115.50	16.588	18.500	75235	0.000	0.613	7.8	4.2
POST 25YR-72HR	NET POND	BASE	115.75	16.576	18.500	75184	0.000	0.612	7.8	4.2
POST 25YR-72HR	NET POND	BASE	116.00	16.563	18.500	75132	0.000	0.611	7.8	4.3
POST 25YR-72HR	NET POND	BASE	116.25	16.551	18.500	75081	0.000	0.610	7.8	4.3
POST 25YR-72HR	NET POND	BASE	116.50	16.538	18.500	75030	0.000	0.609	7.8	4.3
POST 25YR-72HR	NET POND	BASE	116.75	16.526	18.500	74979	0.000	0.608	7.8	4.3
POST 25YR-72HR	NET POND	BASE	117.00	16.513	18.500	74928	0.000	0.607	7.8	4.3
POST 25YR-72HR	NET POND	BASE	117.25	16.501	18.500	74876	0.000	0.606	7.8	4.3
POST 25YR-72HR	NET POND	BASE	117.50	16.488	18.500	74825	0.000	0.605	7.8	4.3
POST 25YR-72HR	NET POND	BASE	117.75	16.476	18.500	74774	0.000	0.604	7.8	4.3
POST 25YR-72HR	NET POND	BASE	118.00	16.463	18.500	74724	0.000	0.603	7.8	4.4
POST 25YR-72HR	NET POND	BASE	118.25	16.451	18.500	74673	0.000	0.602	7.8	4.4
POST 25YR-72HR	NET POND	BASE	118.50	16.438	18.500	74622	0.000	0.601	7.8	4.4
POST 25YR-72HR	NET POND	BASE	118.75	16.426	18.500	74571	0.000	0.599	7.8	4.4
POST 25YR-72HR	NET POND	BASE	119.00	16.413	18.500	74520	0.000	0.598	7.8	4.4
POST 25YR-72HR	NET POND	BASE	119.25	16.401	18.500	74470	0.000	0.597	7.8	4.4
POST 25YR-72HR	NET POND	BASE	119.50	16.388	18.500	74419	0.000	0.596	7.8	4.4
POST 25YR-72HR	NET POND	BASE	119.75	16.376	18.500	74369	0.000	0.595	7.8	4.4

PARK STREET CENTER
12 day bleed down post 25/72 storm

Simulation	Note	Group	Time hrs	Stage ft	Warning ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-12HR	MET POND	BASE	120.00	16.668	18.500	74318	0.000	0.596	7.8	4.3
POST 25YR-12HR	MET POND	BASE	120.25	16.661	18.500	74268	0.000	0.593	7.8	4.5
POST 25YR-12HR	MET POND	BASE	120.50	16.654	18.500	74217	0.000	0.592	7.8	4.5
POST 25YR-12HR	MET POND	BASE	120.75	16.647	18.500	74167	0.000	0.591	7.8	4.5
POST 25YR-12HR	MET POND	BASE	121.00	16.640	18.500	74117	0.000	0.590	7.8	4.5
POST 25YR-12HR	MET POND	BASE	121.25	16.633	18.500	74067	0.000	0.589	7.8	4.5
POST 25YR-12HR	MET POND	BASE	121.50	16.625	18.500	74016	0.000	0.588	7.8	4.5
POST 25YR-12HR	MET POND	BASE	121.75	16.618	18.500	73966	0.000	0.587	7.8	4.5
POST 25YR-12HR	MET POND	BASE	122.00	16.611	18.500	73916	0.000	0.586	7.8	4.5
POST 25YR-12HR	MET POND	BASE	122.25	16.604	18.500	73866	0.000	0.584	7.8	4.6
POST 25YR-12HR	MET POND	BASE	122.50	16.597	18.500	73816	0.000	0.583	7.8	4.6
POST 25YR-12HR	MET POND	BASE	122.75	16.590	18.500	73767	0.000	0.582	7.8	4.6
POST 25YR-12HR	MET POND	BASE	123.00	16.583	18.500	73717	0.000	0.581	7.8	4.6
POST 25YR-12HR	MET POND	BASE	123.25	16.576	18.500	73667	0.000	0.580	7.8	4.6
POST 25YR-12HR	MET POND	BASE	123.50	16.568	18.500	73617	0.000	0.579	7.8	4.6
POST 25YR-12HR	MET POND	BASE	123.75	16.561	18.500	73568	0.000	0.578	7.8	4.6
POST 25YR-12HR	MET POND	BASE	124.00	16.554	18.500	73518	0.000	0.577	7.8	4.6
POST 25YR-12HR	MET POND	BASE	124.25	16.547	18.500	73469	0.000	0.576	7.8	4.7
POST 25YR-12HR	MET POND	BASE	124.50	16.540	18.500	73419	0.000	0.575	7.8	4.7
POST 25YR-12HR	MET POND	BASE	124.75	16.533	18.500	73370	0.000	0.574	7.8	4.7
POST 25YR-12HR	MET POND	BASE	125.00	16.526	18.500	73321	0.000	0.573	7.8	4.7
POST 25YR-12HR	MET POND	BASE	125.25	16.519	18.500	73271	0.000	0.572	7.8	4.7
POST 25YR-12HR	MET POND	BASE	125.50	16.512	18.500	73222	0.000	0.570	7.8	4.7
POST 25YR-12HR	MET POND	BASE	125.75	16.505	18.500	73173	0.000	0.569	7.8	4.7
POST 25YR-12HR	MET POND	BASE	126.00	16.498	18.500	73124	0.000	0.568	7.8	4.7
POST 25YR-12HR	MET POND	BASE	126.25	16.491	18.500	73076	0.000	0.567	7.8	4.8
POST 25YR-12HR	MET POND	BASE	126.50	16.484	18.500	73029	0.000	0.566	7.8	4.8
POST 25YR-12HR	MET POND	BASE	126.75	16.477	18.500	72981	0.000	0.565	7.8	4.8
POST 25YR-12HR	MET POND	BASE	127.00	16.470	18.500	72933	0.000	0.564	7.8	4.8
POST 25YR-12HR	MET POND	BASE	127.25	16.463	18.500	72886	0.000	0.563	7.8	4.8
POST 25YR-12HR	MET POND	BASE	127.50	16.456	18.500	72838	0.000	0.562	7.8	4.8
POST 25YR-12HR	MET POND	BASE	127.75	16.449	18.500	72791	0.000	0.561	7.8	4.8
POST 25YR-12HR	MET POND	BASE	128.00	16.442	18.500	72743	0.000	0.560	7.8	4.8
POST 25YR-12HR	MET POND	BASE	128.25	16.435	18.500	72696	0.000	0.559	7.8	4.8
POST 25YR-12HR	MET POND	BASE	128.50	16.429	18.500	72649	0.000	0.558	7.8	4.8
POST 25YR-12HR	MET POND	BASE	128.75	16.422	18.500	72602	0.000	0.556	7.8	4.9
POST 25YR-12HR	MET POND	BASE	129.00	16.415	18.500	72555	0.000	0.555	7.8	4.9
POST 25YR-12HR	MET POND	BASE	129.25	16.408	18.500	72507	0.000	0.554	7.8	4.9
POST 25YR-12HR	MET POND	BASE	129.50	16.401	18.500	72460	0.000	0.553	7.8	4.9
POST 25YR-12HR	MET POND	BASE	129.75	16.394	18.500	72414	0.000	0.552	7.8	4.9
POST 25YR-12HR	MET POND	BASE	130.00	16.387	18.500	72367	0.000	0.551	7.8	4.9
POST 25YR-12HR	MET POND	BASE	130.25	16.380	18.500	72320	0.000	0.550	7.8	4.9
POST 25YR-12HR	MET POND	BASE	130.50	16.374	18.500	72273	0.000	0.549	7.8	4.9
POST 25YR-12HR	MET POND	BASE	130.75	16.367	18.500	72226	0.000	0.548	7.8	5.0
POST 25YR-12HR	MET POND	BASE	131.00	16.360	18.500	72180	0.000	0.546	7.8	5.0
POST 25YR-12HR	MET POND	BASE	131.25	16.353	18.500	72133	0.000	0.545	7.8	5.0
POST 25YR-12HR	MET POND	BASE	131.50	16.346	18.500	72087	0.000	0.544	7.8	5.0
POST 25YR-12HR	MET POND	BASE	131.75	16.340	18.500	72040	0.000	0.543	7.8	5.0
POST 25YR-12HR	MET POND	BASE	132.00	16.333	18.500	71994	0.000	0.542	7.8	5.0
POST 25YR-12HR	MET POND	BASE	132.25	16.326	18.500	71948	0.000	0.541	7.8	5.0
POST 25YR-12HR	MET POND	BASE	132.50	16.319	18.500	71901	0.000	0.540	7.8	5.0
POST 25YR-12HR	MET POND	BASE	132.75	16.313	18.500	71855	0.000	0.539	7.8	5.0
POST 25YR-12HR	MET POND	BASE	133.00	16.306	18.500	71809	0.000	0.538	7.8	5.1
POST 25YR-12HR	MET POND	BASE	133.25	16.299	18.500	71763	0.000	0.537	7.8	5.1
POST 25YR-12HR	MET POND	BASE	133.50	16.292	18.500	71717	0.000	0.535	7.8	5.1
POST 25YR-12HR	MET POND	BASE	133.75	16.286	18.500	71671	0.000	0.534	7.8	5.1
POST 25YR-12HR	MET POND	BASE	134.00	16.279	18.500	71625	0.000	0.533	7.8	5.1
POST 25YR-12HR	MET POND	BASE	134.25	16.272	18.500	71579	0.000	0.532	7.8	5.1
POST 25YR-12HR	MET POND	BASE	134.50	16.266	18.500	71534	0.000	0.531	7.8	5.1
POST 25YR-12HR	MET POND	BASE	134.75	16.259	18.500	71488	0.000	0.530	7.8	5.1

Simulation	Node	Group	Time	Stage	Warning	Surface	Total	Total	Total	Total
			hrs	ft	Stage	Area	Inflow	Outflow	Vol In	Vol Out
						ft ²	cfs	cfs	af	af
POST 251R-12HR	WET POND	BASE	135.00	16.252	18.500	71442	0.000	0.529	7.0	5.1
POST 251R-12HR	WET POND	BASE	135.25	16.246	18.500	71397	0.000	0.528	7.0	5.2
POST 251R-12HR	WET POND	BASE	135.50	16.239	18.500	71352	0.000	0.527	7.0	5.2
POST 251R-12HR	WET POND	BASE	135.75	16.232	18.500	71306	0.000	0.525	7.0	5.2
POST 251R-12HR	WET POND	BASE	136.00	16.226	18.500	71261	0.000	0.524	7.0	5.2
POST 251R-12HR	WET POND	BASE	136.25	16.219	18.500	71216	0.000	0.523	7.0	5.2
POST 251R-12HR	WET POND	BASE	136.50	16.212	18.500	71170	0.000	0.522	7.0	5.2
POST 251R-12HR	WET POND	BASE	136.75	16.206	18.500	71125	0.000	0.521	7.0	5.2
POST 251R-12HR	WET POND	BASE	137.00	16.199	18.500	71080	0.000	0.520	7.0	5.2
POST 251R-12HR	WET POND	BASE	137.25	16.193	18.500	71035	0.000	0.519	7.0	5.2
POST 251R-12HR	WET POND	BASE	137.50	16.186	18.500	70990	0.000	0.518	7.0	5.3
POST 251R-12HR	WET POND	BASE	137.75	16.180	18.500	70945	0.000	0.516	7.0	5.3
POST 251R-12HR	WET POND	BASE	138.00	16.173	18.500	70901	0.000	0.515	7.0	5.3
POST 251R-12HR	WET POND	BASE	138.25	16.166	18.500	70856	0.000	0.514	7.0	5.3
POST 251R-12HR	WET POND	BASE	138.50	16.160	18.500	70811	0.000	0.513	7.0	5.3
POST 251R-12HR	WET POND	BASE	138.75	16.153	18.500	70767	0.000	0.512	7.0	5.3
POST 251R-12HR	WET POND	BASE	139.00	16.147	18.500	70722	0.000	0.511	7.0	5.3
POST 251R-12HR	WET POND	BASE	139.25	16.140	18.500	70678	0.000	0.510	7.0	5.3
POST 251R-12HR	WET POND	BASE	139.50	16.134	18.500	70633	0.000	0.509	7.0	5.3
POST 251R-12HR	WET POND	BASE	139.75	16.127	18.500	70589	0.000	0.508	7.0	5.4
POST 251R-12HR	WET POND	BASE	140.00	16.121	18.500	70545	0.000	0.506	7.0	5.4
POST 251R-12HR	WET POND	BASE	140.25	16.115	18.500	70501	0.000	0.505	7.0	5.4
POST 251R-12HR	WET POND	BASE	140.50	16.108	18.500	70457	0.000	0.504	7.0	5.4
POST 251R-12HR	WET POND	BASE	140.75	16.102	18.500	70413	0.000	0.503	7.0	5.4
POST 251R-12HR	WET POND	BASE	141.00	16.095	18.500	70369	0.000	0.502	7.0	5.4
POST 251R-12HR	WET POND	BASE	141.25	16.089	18.500	70325	0.000	0.501	7.0	5.4
POST 251R-12HR	WET POND	BASE	141.50	16.082	18.500	70281	0.000	0.500	7.0	5.4
POST 251R-12HR	WET POND	BASE	141.75	16.076	18.500	70237	0.000	0.499	7.0	5.4
POST 251R-12HR	WET POND	BASE	142.00	16.070	18.500	70194	0.000	0.497	7.0	5.4
POST 251R-12HR	WET POND	BASE	142.25	16.063	18.500	70150	0.000	0.496	7.0	5.4
POST 251R-12HR	WET POND	BASE	142.50	16.057	18.500	70107	0.000	0.495	7.0	5.5
POST 251R-12HR	WET POND	BASE	142.75	16.051	18.500	70063	0.000	0.494	7.0	5.5
POST 251R-12HR	WET POND	BASE	143.00	16.044	18.500	70020	0.000	0.493	7.0	5.5
POST 251R-12HR	WET POND	BASE	143.25	16.038	18.500	69977	0.000	0.492	7.0	5.5
POST 251R-12HR	WET POND	BASE	143.50	16.032	18.500	69933	0.000	0.491	7.0	5.5
POST 251R-12HR	WET POND	BASE	143.75	16.025	18.500	69890	0.000	0.489	7.0	5.5
POST 251R-12HR	WET POND	BASE	144.00	16.019	18.500	69847	0.000	0.488	7.0	5.5
POST 251R-12HR	WET POND	BASE	144.25	16.013	18.500	69804	0.000	0.487	7.0	5.5
POST 251R-12HR	WET POND	BASE	144.50	16.006	18.500	69761	0.000	0.486	7.0	5.5
POST 251R-12HR	WET POND	BASE	144.75	16.000	18.500	69718	0.000	0.485	7.0	5.5
POST 251R-12HR	WET POND	BASE	145.00	15.994	18.500	69676	0.000	0.484	7.0	5.6
POST 251R-12HR	WET POND	BASE	145.25	15.988	18.500	69633	0.000	0.483	7.0	5.6
POST 251R-12HR	WET POND	BASE	145.50	15.981	18.500	69590	0.000	0.481	7.0	5.6
POST 251R-12HR	WET POND	BASE	145.75	15.975	18.500	69548	0.000	0.480	7.0	5.6
POST 251R-12HR	WET POND	BASE	146.00	15.969	18.500	69505	0.000	0.479	7.0	5.6
POST 251R-12HR	WET POND	BASE	146.25	15.963	18.500	69463	0.000	0.478	7.0	5.6
POST 251R-12HR	WET POND	BASE	146.50	15.957	18.500	69421	0.000	0.477	7.0	5.6
POST 251R-12HR	WET POND	BASE	146.75	15.950	18.500	69378	0.000	0.476	7.0	5.6
POST 251R-12HR	WET POND	BASE	147.00	15.944	18.500	69336	0.000	0.475	7.0	5.6
POST 251R-12HR	WET POND	BASE	147.25	15.938	18.500	69294	0.000	0.473	7.0	5.7
POST 251R-12HR	WET POND	BASE	147.50	15.932	18.500	69252	0.000	0.472	7.0	5.7
POST 251R-12HR	WET POND	BASE	147.75	15.926	18.500	69210	0.000	0.471	7.0	5.7
POST 251R-12HR	WET POND	BASE	148.00	15.920	18.500	69168	0.000	0.470	7.0	5.7
POST 251R-12HR	WET POND	BASE	148.25	15.914	18.500	69126	0.000	0.469	7.0	5.7
POST 251R-12HR	WET POND	BASE	148.50	15.907	18.500	69085	0.000	0.468	7.0	5.7
POST 251R-12HR	WET POND	BASE	148.75	15.901	18.500	69043	0.000	0.467	7.0	5.7
POST 251R-12HR	WET POND	BASE	149.00	15.895	18.500	69002	0.000	0.465	7.0	5.7
POST 251R-12HR	WET POND	BASE	149.25	15.889	18.500	68960	0.000	0.464	7.0	5.7
POST 251R-12HR	WET POND	BASE	149.50	15.883	18.500	68919	0.000	0.463	7.0	5.7
POST 251R-12HR	WET POND	BASE	149.75	15.877	18.500	68877	0.000	0.462	7.0	5.8

ASK STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-72HR	WET POND	BASE	150.00	15.071	18.500	68036	0.000	0.461	7.8	5.8
POST 25YR-72HR	WET POND	BASE	150.25	15.065	18.500	68795	0.000	0.460	7.8	5.8
POST 25YR-72HR	WET POND	BASE	150.50	15.059	18.500	68754	0.000	0.459	7.8	5.8
POST 25YR-72HR	WET POND	BASE	150.75	15.053	18.500	68713	0.000	0.457	7.8	5.8
POST 25YR-72HR	WET POND	BASE	151.00	15.047	18.500	68672	0.000	0.456	7.8	5.8
POST 25YR-72HR	WET POND	BASE	151.25	15.041	18.500	68631	0.000	0.455	7.8	5.8
POST 25YR-72HR	WET POND	BASE	151.50	15.035	18.500	68590	0.000	0.454	7.8	5.8
POST 25YR-72HR	WET POND	BASE	151.75	15.029	18.500	68550	0.000	0.453	7.8	5.8
POST 25YR-72HR	WET POND	BASE	152.00	15.023	18.500	68509	0.000	0.452	7.8	5.8
POST 25YR-72HR	WET POND	BASE	152.25	15.017	18.500	68468	0.000	0.450	7.8	5.8
POST 25YR-72HR	WET POND	BASE	152.50	15.011	18.500	68428	0.000	0.449	7.8	5.8
POST 25YR-72HR	WET POND	BASE	152.75	15.005	18.500	68388	0.000	0.448	7.8	5.8
POST 25YR-72HR	WET POND	BASE	153.00	15.000	18.500	68347	0.000	0.447	7.8	5.8
POST 25YR-72HR	WET POND	BASE	153.25	15.094	18.500	68307	0.000	0.446	7.8	5.8
POST 25YR-72HR	WET POND	BASE	153.50	15.088	18.500	68267	0.000	0.445	7.8	5.8
POST 25YR-72HR	WET POND	BASE	153.75	15.082	18.500	68227	0.000	0.443	7.8	5.8
POST 25YR-72HR	WET POND	BASE	154.00	15.076	18.500	68187	0.000	0.442	7.8	5.8
POST 25YR-72HR	WET POND	BASE	154.25	15.070	18.500	68147	0.000	0.441	7.8	5.8
POST 25YR-72HR	WET POND	BASE	154.50	15.065	18.500	68107	0.000	0.440	7.8	5.8
POST 25YR-72HR	WET POND	BASE	154.75	15.059	18.500	68068	0.000	0.439	7.8	5.8
POST 25YR-72HR	WET POND	BASE	155.00	15.053	18.500	68028	0.000	0.438	7.8	5.8
POST 25YR-72HR	WET POND	BASE	155.25	15.047	18.500	67988	0.000	0.436	7.8	5.8
POST 25YR-72HR	WET POND	BASE	155.50	15.041	18.500	67949	0.000	0.435	7.8	5.8
POST 25YR-72HR	WET POND	BASE	155.75	15.035	18.500	67909	0.000	0.434	7.8	5.8
POST 25YR-72HR	WET POND	BASE	156.00	15.029	18.500	67870	0.000	0.433	7.8	5.8
POST 25YR-72HR	WET POND	BASE	156.25	15.023	18.500	67831	0.000	0.432	7.8	5.8
POST 25YR-72HR	WET POND	BASE	156.50	15.017	18.500	67792	0.000	0.431	7.8	5.8
POST 25YR-72HR	WET POND	BASE	156.75	15.011	18.500	67753	0.000	0.429	7.8	5.8
POST 25YR-72HR	WET POND	BASE	157.00	15.005	18.500	67714	0.000	0.428	7.8	5.8
POST 25YR-72HR	WET POND	BASE	157.25	15.001	18.500	67675	0.000	0.427	7.8	5.8
POST 25YR-72HR	WET POND	BASE	157.50	15.096	18.500	67636	0.000	0.426	7.8	5.8
POST 25YR-72HR	WET POND	BASE	157.75	15.090	18.500	67597	0.000	0.425	7.8	5.8
POST 25YR-72HR	WET POND	BASE	158.00	15.084	18.500	67559	0.000	0.424	7.8	5.8
POST 25YR-72HR	WET POND	BASE	158.25	15.079	18.500	67520	0.000	0.422	7.8	5.8
POST 25YR-72HR	WET POND	BASE	158.50	15.073	18.500	67482	0.000	0.421	7.8	5.8
POST 25YR-72HR	WET POND	BASE	158.75	15.067	18.500	67443	0.000	0.420	7.8	5.8
POST 25YR-72HR	WET POND	BASE	159.00	15.062	18.500	67405	0.000	0.419	7.8	5.8
POST 25YR-72HR	WET POND	BASE	159.25	15.056	18.500	67367	0.000	0.418	7.8	5.8
POST 25YR-72HR	WET POND	BASE	159.50	15.051	18.500	67329	0.000	0.417	7.8	5.8
POST 25YR-72HR	WET POND	BASE	159.75	15.045	18.500	67291	0.000	0.415	7.8	5.8
POST 25YR-72HR	WET POND	BASE	160.00	15.040	18.500	67253	0.000	0.414	7.8	5.8
POST 25YR-72HR	WET POND	BASE	160.25	15.034	18.500	67215	0.000	0.413	7.8	5.8
POST 25YR-72HR	WET POND	BASE	160.50	15.028	18.500	67177	0.000	0.412	7.8	5.8
POST 25YR-72HR	WET POND	BASE	160.75	15.023	18.500	67139	0.000	0.411	7.8	5.8
POST 25YR-72HR	WET POND	BASE	161.00	15.017	18.500	67102	0.000	0.409	7.8	5.8
POST 25YR-72HR	WET POND	BASE	161.25	15.012	18.500	67064	0.000	0.408	7.8	5.8
POST 25YR-72HR	WET POND	BASE	161.50	15.007	18.500	67027	0.000	0.407	7.8	5.8
POST 25YR-72HR	WET POND	BASE	161.75	15.001	18.500	66989	0.000	0.406	7.8	5.8
POST 25YR-72HR	WET POND	BASE	162.00	15.096	18.500	66952	0.000	0.405	7.8	5.8
POST 25YR-72HR	WET POND	BASE	162.25	15.090	18.500	66915	0.000	0.404	7.8	5.8
POST 25YR-72HR	WET POND	BASE	162.50	15.085	18.500	66878	0.000	0.402	7.8	5.8
POST 25YR-72HR	WET POND	BASE	162.75	15.079	18.500	66841	0.000	0.401	7.8	5.8
POST 25YR-72HR	WET POND	BASE	163.00	15.074	18.500	66804	0.000	0.400	7.8	5.8
POST 25YR-72HR	WET POND	BASE	163.25	15.069	18.500	66767	0.000	0.399	7.8	5.8
POST 25YR-72HR	WET POND	BASE	163.50	15.063	18.500	66731	0.000	0.398	7.8	5.8
POST 25YR-72HR	WET POND	BASE	163.75	15.058	18.500	66694	0.000	0.396	7.8	5.8
POST 25YR-72HR	WET POND	BASE	164.00	15.053	18.500	66657	0.000	0.395	7.8	5.8
POST 25YR-72HR	WET POND	BASE	164.25	15.047	18.500	66621	0.000	0.394	7.8	5.8
POST 25YR-72HR	WET POND	BASE	164.50	15.042	18.500	66585	0.000	0.393	7.8	5.8
POST 25YR-72HR	WET POND	BASE	164.75	15.037	18.500	66548	0.000	0.392	7.8	5.8

Simulation	Node	Group	Time hrs	Stage ft	Warning ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vel In ft/s	Total Vel Out ft/s
POST 25YR-72HR	NET POND	BASE	165.00	15.531	18.500	66312	0.000	0.390	7.8	6.3
POST 25YR-72HR	NET POND	BASE	165.25	15.526	18.500	66416	0.000	0.389	7.8	6.3
POST 25YR-72HR	NET POND	BASE	165.50	15.521	18.500	66440	0.000	0.388	7.8	6.3
POST 25YR-72HR	NET POND	BASE	165.75	15.515	18.500	66404	0.000	0.387	7.8	6.3
POST 25YR-72HR	NET POND	BASE	166.00	15.510	18.500	66368	0.000	0.386	7.8	6.3
POST 25YR-72HR	NET POND	BASE	166.25	15.505	18.500	66333	0.000	0.384	7.8	6.3
POST 25YR-72HR	NET POND	BASE	166.50	15.500	18.500	66297	0.000	0.383	7.8	6.3
POST 25YR-72HR	NET POND	BASE	166.75	15.495	18.500	66262	0.000	0.382	7.8	6.3
POST 25YR-72HR	NET POND	BASE	167.00	15.489	18.500	66227	0.000	0.381	7.8	6.3
POST 25YR-72HR	NET POND	BASE	167.25	15.484	18.500	66193	0.000	0.380	7.8	6.3
POST 25YR-72HR	NET POND	BASE	167.50	15.479	18.500	66158	0.000	0.378	7.8	6.3
POST 25YR-72HR	NET POND	BASE	167.75	15.474	18.500	66124	0.000	0.377	7.8	6.3
POST 25YR-72HR	NET POND	BASE	168.00	15.469	18.500	66089	0.000	0.376	7.8	6.3
POST 25YR-72HR	NET POND	BASE	168.25	15.464	18.500	66055	0.000	0.375	7.8	6.3
POST 25YR-72HR	NET POND	BASE	168.50	15.459	18.500	66021	0.000	0.374	7.8	6.3
POST 25YR-72HR	NET POND	BASE	168.75	15.454	18.500	65987	0.000	0.372	7.8	6.3
POST 25YR-72HR	NET POND	BASE	169.00	15.448	18.500	65952	0.000	0.371	7.8	6.3
POST 25YR-72HR	NET POND	BASE	169.25	15.443	18.500	65919	0.000	0.370	7.8	6.3
POST 25YR-72HR	NET POND	BASE	169.50	15.438	18.500	65885	0.000	0.369	7.8	6.3
POST 25YR-72HR	NET POND	BASE	169.75	15.433	18.500	65851	0.000	0.368	7.8	6.3
POST 25YR-72HR	NET POND	BASE	170.00	15.428	18.500	65817	0.000	0.366	7.8	6.3
POST 25YR-72HR	NET POND	BASE	170.25	15.423	18.500	65784	0.000	0.365	7.8	6.3
POST 25YR-72HR	NET POND	BASE	170.50	15.418	18.500	65750	0.000	0.364	7.8	6.3
POST 25YR-72HR	NET POND	BASE	170.75	15.413	18.500	65717	0.000	0.363	7.8	6.3
POST 25YR-72HR	NET POND	BASE	171.00	15.408	18.500	65684	0.000	0.362	7.8	6.3
POST 25YR-72HR	NET POND	BASE	171.25	15.403	18.500	65650	0.000	0.360	7.8	6.3
POST 25YR-72HR	NET POND	BASE	171.50	15.398	18.500	65617	0.000	0.359	7.8	6.3
POST 25YR-72HR	NET POND	BASE	171.75	15.394	18.500	65584	0.000	0.358	7.8	6.3
POST 25YR-72HR	NET POND	BASE	172.00	15.389	18.500	65551	0.000	0.357	7.8	6.3
POST 25YR-72HR	NET POND	BASE	172.25	15.384	18.500	65519	0.000	0.356	7.8	6.3
POST 25YR-72HR	NET POND	BASE	172.50	15.379	18.500	65486	0.000	0.354	7.8	6.3
POST 25YR-72HR	NET POND	BASE	172.75	15.374	18.500	65453	0.000	0.353	7.8	6.3
POST 25YR-72HR	NET POND	BASE	173.00	15.369	18.500	65421	0.000	0.352	7.8	6.3
POST 25YR-72HR	NET POND	BASE	173.25	15.364	18.500	65388	0.000	0.351	7.8	6.3
POST 25YR-72HR	NET POND	BASE	173.50	15.360	18.500	65356	0.000	0.350	7.8	6.3
POST 25YR-72HR	NET POND	BASE	173.75	15.355	18.500	65324	0.000	0.348	7.8	6.3
POST 25YR-72HR	NET POND	BASE	174.00	15.350	18.500	65291	0.000	0.347	7.8	6.3
POST 25YR-72HR	NET POND	BASE	174.25	15.345	18.500	65259	0.000	0.346	7.8	6.3
POST 25YR-72HR	NET POND	BASE	174.50	15.340	18.500	65227	0.000	0.345	7.8	6.3
POST 25YR-72HR	NET POND	BASE	174.75	15.336	18.500	65196	0.000	0.343	7.8	6.3
POST 25YR-72HR	NET POND	BASE	175.00	15.331	18.500	65164	0.000	0.342	7.8	6.3
POST 25YR-72HR	NET POND	BASE	175.25	15.326	18.500	65132	0.000	0.341	7.8	6.3
POST 25YR-72HR	NET POND	BASE	175.50	15.321	18.500	65101	0.000	0.340	7.8	6.3
POST 25YR-72HR	NET POND	BASE	175.75	15.317	18.500	65069	0.000	0.339	7.8	6.3
POST 25YR-72HR	NET POND	BASE	176.00	15.312	18.500	65038	0.000	0.337	7.8	6.3
POST 25YR-72HR	NET POND	BASE	176.25	15.307	18.500	65007	0.000	0.336	7.8	6.3
POST 25YR-72HR	NET POND	BASE	176.50	15.303	18.500	64975	0.000	0.335	7.8	6.3
POST 25YR-72HR	NET POND	BASE	176.75	15.298	18.500	64944	0.000	0.334	7.8	6.3
POST 25YR-72HR	NET POND	BASE	177.00	15.294	18.500	64913	0.000	0.332	7.8	6.3
POST 25YR-72HR	NET POND	BASE	177.25	15.289	18.500	64882	0.000	0.331	7.8	6.3
POST 25YR-72HR	NET POND	BASE	177.50	15.284	18.500	64852	0.000	0.330	7.8	6.3
POST 25YR-72HR	NET POND	BASE	177.75	15.280	18.500	64821	0.000	0.329	7.8	6.3
POST 25YR-72HR	NET POND	BASE	178.00	15.275	18.500	64790	0.000	0.328	7.8	6.3
POST 25YR-72HR	NET POND	BASE	178.25	15.271	18.500	64760	0.000	0.326	7.8	6.3
POST 25YR-72HR	NET POND	BASE	178.50	15.266	18.500	64730	0.000	0.325	7.8	6.3
POST 25YR-72HR	NET POND	BASE	178.75	15.262	18.500	64699	0.000	0.324	7.8	6.3
POST 25YR-72HR	NET POND	BASE	179.00	15.257	18.500	64669	0.000	0.323	7.8	6.3
POST 25YR-72HR	NET POND	BASE	179.25	15.253	18.500	64639	0.000	0.321	7.8	6.3
POST 25YR-72HR	NET POND	BASE	179.50	15.248	18.500	64609	0.000	0.320	7.8	6.3
POST 25YR-72HR	NET POND	BASE	179.75	15.244	18.500	64579	0.000	0.319	7.8	6.3

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WALK STREET CENTER
1 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In sf	Total Vol Out sf
POST 25YR-72HR	WET POND	BASE	180.00	13.239	18.500	64549	0.000	0.318	7.8	6.7
POST 25YR-72HR	WET POND	BASE	180.25	15.235	18.500	64520	0.000	0.317	7.8	6.7
POST 25YR-72HR	WET POND	BASE	180.50	15.230	18.500	64490	0.000	0.315	7.8	6.7
POST 25YR-72HR	WET POND	BASE	180.75	15.226	18.500	64461	0.000	0.314	7.8	6.7
POST 25YR-72HR	WET POND	BASE	181.00	15.222	18.500	64431	0.000	0.313	7.8	6.8
POST 25YR-72HR	WET POND	BASE	181.25	15.217	18.500	64402	0.000	0.312	7.8	6.8
POST 25YR-72HR	WET POND	BASE	181.50	15.213	18.500	64373	0.000	0.310	7.8	6.8
POST 25YR-72HR	WET POND	BASE	181.75	15.209	18.500	64344	0.000	0.309	7.8	6.8
POST 25YR-72HR	WET POND	BASE	182.00	15.204	18.500	64315	0.000	0.308	7.8	6.8
POST 25YR-72HR	WET POND	BASE	182.25	15.200	18.500	64286	0.000	0.307	7.8	6.8
POST 25YR-72HR	WET POND	BASE	182.50	15.196	18.500	64257	0.000	0.305	7.8	6.8
POST 25YR-72HR	WET POND	BASE	182.75	15.191	18.500	64229	0.000	0.304	7.8	6.8
POST 25YR-72HR	WET POND	BASE	183.00	15.187	18.500	64200	0.000	0.303	7.8	6.8
POST 25YR-72HR	WET POND	BASE	183.25	15.183	18.500	64172	0.000	0.302	7.8	6.8
POST 25YR-72HR	WET POND	BASE	183.50	15.179	18.500	64143	0.000	0.301	7.8	6.8
POST 25YR-72HR	WET POND	BASE	183.75	15.175	18.500	64115	0.000	0.299	7.8	6.8
POST 25YR-72HR	WET POND	BASE	184.00	15.170	18.500	64087	0.000	0.298	7.8	6.8
POST 25YR-72HR	WET POND	BASE	184.25	15.166	18.500	64059	0.000	0.297	7.8	6.8
POST 25YR-72HR	WET POND	BASE	184.50	15.162	18.500	64031	0.000	0.296	7.8	6.8
POST 25YR-72HR	WET POND	BASE	184.75	15.158	18.500	64003	0.000	0.294	7.8	6.8
POST 25YR-72HR	WET POND	BASE	185.00	15.154	18.500	63975	0.000	0.293	7.8	6.8
POST 25YR-72HR	WET POND	BASE	185.25	15.150	18.500	63948	0.000	0.292	7.8	6.8
POST 25YR-72HR	WET POND	BASE	185.50	15.146	18.500	63920	0.000	0.291	7.8	6.8
POST 25YR-72HR	WET POND	BASE	185.75	15.141	18.500	63893	0.000	0.289	7.8	6.8
POST 25YR-72HR	WET POND	BASE	186.00	15.137	18.500	63866	0.000	0.288	7.8	6.8
POST 25YR-72HR	WET POND	BASE	186.25	15.133	18.500	63839	0.000	0.287	7.8	6.8
POST 25YR-72HR	WET POND	BASE	186.50	15.129	18.500	63811	0.000	0.286	7.8	6.8
POST 25YR-72HR	WET POND	BASE	186.75	15.125	18.500	63784	0.000	0.284	7.8	6.8
POST 25YR-72HR	WET POND	BASE	187.00	15.121	18.500	63758	0.000	0.283	7.8	6.8
POST 25YR-72HR	WET POND	BASE	187.25	15.117	18.500	63731	0.000	0.282	7.8	6.8
POST 25YR-72HR	WET POND	BASE	187.50	15.113	18.500	63704	0.000	0.281	7.8	6.8
POST 25YR-72HR	WET POND	BASE	187.75	15.109	18.500	63678	0.000	0.279	7.8	6.8
POST 25YR-72HR	WET POND	BASE	188.00	15.105	18.500	63651	0.000	0.278	7.8	6.8
POST 25YR-72HR	WET POND	BASE	188.25	15.101	18.500	63625	0.000	0.277	7.8	6.8
POST 25YR-72HR	WET POND	BASE	188.50	15.098	18.500	63599	0.000	0.276	7.8	6.8
POST 25YR-72HR	WET POND	BASE	188.75	15.094	18.500	63573	0.000	0.274	7.8	6.8
POST 25YR-72HR	WET POND	BASE	189.00	15.090	18.500	63547	0.000	0.273	7.8	6.8
POST 25YR-72HR	WET POND	BASE	189.25	15.086	18.500	63521	0.000	0.272	7.8	6.8
POST 25YR-72HR	WET POND	BASE	189.50	15.082	18.500	63495	0.000	0.271	7.8	6.8
POST 25YR-72HR	WET POND	BASE	189.75	15.078	18.500	63469	0.000	0.269	7.8	6.8
POST 25YR-72HR	WET POND	BASE	190.00	15.074	18.500	63444	0.000	0.268	7.8	6.8
POST 25YR-72HR	WET POND	BASE	190.25	15.071	18.500	63419	0.000	0.267	7.8	6.8
POST 25YR-72HR	WET POND	BASE	190.50	15.067	18.500	63393	0.000	0.266	7.8	6.8
POST 25YR-72HR	WET POND	BASE	190.75	15.063	18.500	63368	0.000	0.264	7.8	6.8
POST 25YR-72HR	WET POND	BASE	191.00	15.059	18.500	63342	0.000	0.263	7.8	6.8
POST 25YR-72HR	WET POND	BASE	191.25	15.056	18.500	63317	0.000	0.262	7.8	6.8
POST 25YR-72HR	WET POND	BASE	191.50	15.052	18.500	63292	0.000	0.261	7.8	6.8
POST 25YR-72HR	WET POND	BASE	191.75	15.048	18.500	63267	0.000	0.259	7.8	6.8
POST 25YR-72HR	WET POND	BASE	192.00	15.045	18.500	63243	0.000	0.258	7.8	6.8
POST 25YR-72HR	WET POND	BASE	192.25	15.041	18.500	63218	0.000	0.257	7.8	6.8
POST 25YR-72HR	WET POND	BASE	192.50	15.037	18.500	63194	0.000	0.256	7.8	6.8
POST 25YR-72HR	WET POND	BASE	192.75	15.034	18.500	63169	0.000	0.254	7.8	6.8
POST 25YR-72HR	WET POND	BASE	193.00	15.030	18.500	63145	0.000	0.253	7.8	6.8
POST 25YR-72HR	WET POND	BASE	193.25	15.026	18.500	63121	0.000	0.252	7.8	6.8
POST 25YR-72HR	WET POND	BASE	193.50	15.023	18.500	63097	0.000	0.251	7.8	6.8
POST 25YR-72HR	WET POND	BASE	193.75	15.019	18.500	63073	0.000	0.249	7.8	6.8
POST 25YR-72HR	WET POND	BASE	194.00	15.016	18.500	63049	0.000	0.248	7.8	6.8
POST 25YR-72HR	WET POND	BASE	194.25	15.012	18.500	63026	0.000	0.247	7.8	6.8
POST 25YR-72HR	WET POND	BASE	194.50	15.009	18.500	63002	0.000	0.246	7.8	6.8
POST 25YR-72HR	WET POND	BASE	194.75	15.005	18.500	62979	0.000	0.244	7.8	6.8

ARK STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-12HR	WET POND	BASE	195.00	15.002	18.500	62955	0.000	0.243	7.8	7.1
POST 25YR-12HR	WET POND	BASE	195.25	14.998	18.500	62932	0.000	0.242	7.8	7.1
POST 25YR-12HR	WET POND	BASE	195.50	14.995	18.500	62909	0.000	0.241	7.8	7.1
POST 25YR-12HR	WET POND	BASE	195.75	14.991	18.500	62886	0.000	0.239	7.8	7.1
POST 25YR-12HR	WET POND	BASE	196.00	14.988	18.500	62863	0.000	0.238	7.8	7.1
POST 25YR-12HR	WET POND	BASE	196.25	14.984	18.500	62840	0.000	0.237	7.8	7.1
POST 25YR-12HR	WET POND	BASE	196.50	14.981	18.500	62817	0.000	0.235	7.8	7.1
POST 25YR-12HR	WET POND	BASE	196.75	14.978	18.500	62795	0.000	0.234	7.8	7.1
POST 25YR-12HR	WET POND	BASE	197.00	14.974	18.500	62772	0.000	0.233	7.8	7.1
POST 25YR-12HR	WET POND	BASE	197.25	14.971	18.500	62750	0.000	0.232	7.8	7.1
POST 25YR-12HR	WET POND	BASE	197.50	14.968	18.500	62728	0.000	0.230	7.8	7.1
POST 25YR-12HR	WET POND	BASE	197.75	14.964	18.500	62706	0.000	0.229	7.8	7.1
POST 25YR-12HR	WET POND	BASE	198.00	14.961	18.500	62684	0.000	0.228	7.8	7.1
POST 25YR-12HR	WET POND	BASE	198.25	14.958	18.500	62662	0.000	0.227	7.8	7.1
POST 25YR-12HR	WET POND	BASE	198.50	14.955	18.500	62640	0.000	0.225	7.8	7.1
POST 25YR-12HR	WET POND	BASE	198.75	14.951	18.500	62618	0.000	0.224	7.8	7.2
POST 25YR-12HR	WET POND	BASE	199.00	14.948	18.500	62597	0.000	0.223	7.8	7.2
POST 25YR-12HR	WET POND	BASE	199.25	14.945	18.500	62575	0.000	0.222	7.8	7.2
POST 25YR-12HR	WET POND	BASE	199.50	14.942	18.500	62554	0.000	0.220	7.8	7.2
POST 25YR-12HR	WET POND	BASE	199.75	14.939	18.500	62533	0.000	0.219	7.8	7.2
POST 25YR-12HR	WET POND	BASE	200.00	14.936	18.500	62512	0.000	0.218	7.8	7.2
POST 25YR-12HR	WET POND	BASE	200.25	14.932	18.500	62491	0.000	0.216	7.8	7.2
POST 25YR-12HR	WET POND	BASE	200.50	14.929	18.500	62470	0.000	0.215	7.8	7.2
POST 25YR-12HR	WET POND	BASE	200.75	14.926	18.500	62449	0.000	0.214	7.8	7.2
POST 25YR-12HR	WET POND	BASE	201.00	14.923	18.500	62428	0.000	0.213	7.8	7.2
POST 25YR-12HR	WET POND	BASE	201.25	14.920	18.500	62408	0.000	0.211	7.8	7.2
POST 25YR-12HR	WET POND	BASE	201.50	14.917	18.500	62388	0.000	0.210	7.8	7.2
POST 25YR-12HR	WET POND	BASE	201.75	14.914	18.500	62367	0.000	0.209	7.8	7.2
POST 25YR-12HR	WET POND	BASE	202.00	14.911	18.500	62347	0.000	0.208	7.8	7.2
POST 25YR-12HR	WET POND	BASE	202.25	14.908	18.500	62327	0.000	0.206	7.8	7.2
POST 25YR-12HR	WET POND	BASE	202.50	14.905	18.500	62307	0.000	0.205	7.8	7.2
POST 25YR-12HR	WET POND	BASE	202.75	14.902	18.500	62287	0.000	0.204	7.8	7.2
POST 25YR-12HR	WET POND	BASE	203.00	14.899	18.500	62268	0.000	0.202	7.8	7.2
POST 25YR-12HR	WET POND	BASE	203.25	14.896	18.500	62248	0.000	0.200	7.8	7.2
POST 25YR-12HR	WET POND	BASE	203.50	14.893	18.500	62229	0.000	0.198	7.8	7.2
POST 25YR-12HR	WET POND	BASE	203.75	14.891	18.500	62210	0.000	0.196	7.8	7.2
POST 25YR-12HR	WET POND	BASE	204.00	14.888	18.500	62191	0.000	0.194	7.8	7.2
POST 25YR-12HR	WET POND	BASE	204.25	14.885	18.500	62172	0.000	0.191	7.8	7.2
POST 25YR-12HR	WET POND	BASE	204.50	14.882	18.500	62154	0.000	0.189	7.8	7.2
POST 25YR-12HR	WET POND	BASE	204.75	14.879	18.500	62135	0.000	0.187	7.8	7.3
POST 25YR-12HR	WET POND	BASE	205.00	14.877	18.500	62117	0.000	0.185	7.8	7.3
POST 25YR-12HR	WET POND	BASE	205.25	14.874	18.500	62099	0.000	0.183	7.8	7.3
POST 25YR-12HR	WET POND	BASE	205.50	14.871	18.500	62082	0.000	0.181	7.8	7.3
POST 25YR-12HR	WET POND	BASE	205.75	14.869	18.500	62064	0.000	0.179	7.8	7.3
POST 25YR-12HR	WET POND	BASE	206.00	14.866	18.500	62047	0.000	0.177	7.8	7.3
POST 25YR-12HR	WET POND	BASE	206.25	14.864	18.500	62030	0.000	0.175	7.8	7.3
POST 25YR-12HR	WET POND	BASE	206.50	14.861	18.500	62013	0.000	0.173	7.8	7.3
POST 25YR-12HR	WET POND	BASE	206.75	14.859	18.500	61996	0.000	0.172	7.8	7.3
POST 25YR-12HR	WET POND	BASE	207.00	14.856	18.500	61979	0.000	0.170	7.8	7.3
POST 25YR-12HR	WET POND	BASE	207.25	14.854	18.500	61963	0.000	0.168	7.8	7.3
POST 25YR-12HR	WET POND	BASE	207.50	14.851	18.500	61946	0.000	0.166	7.8	7.3
POST 25YR-12HR	WET POND	BASE	207.75	14.849	18.500	61930	0.000	0.164	7.8	7.3
POST 25YR-12HR	WET POND	BASE	208.00	14.846	18.500	61914	0.000	0.162	7.8	7.3
POST 25YR-12HR	WET POND	BASE	208.25	14.844	18.500	61899	0.000	0.161	7.8	7.3
POST 25YR-12HR	WET POND	BASE	208.50	14.842	18.500	61883	0.000	0.159	7.8	7.3
POST 25YR-12HR	WET POND	BASE	208.75	14.840	18.500	61868	0.000	0.157	7.8	7.3
POST 25YR-12HR	WET POND	BASE	209.00	14.837	18.500	61852	0.000	0.155	7.8	7.3
POST 25YR-12HR	WET POND	BASE	209.25	14.835	18.500	61837	0.000	0.154	7.8	7.3
POST 25YR-12HR	WET POND	BASE	209.50	14.833	18.500	61822	0.000	0.152	7.8	7.3
POST 25YR-12HR	WET POND	BASE	209.75	14.831	18.500	61808	0.000	0.152	7.8	7.3

2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25VR-22HR	NET POND	BASE	210.40	14.828	18.500	61793	0.000	0.151	7.9	7.3
POST 25VR-22HR	NET POND	BASE	210.45	14.826	18.500	61798	0.000	0.151	7.9	7.3
POST 25VR-22HR	NET POND	BASE	210.50	14.824	18.500	61763	0.000	0.150	7.8	7.3
POST 25VR-22HR	NET POND	BASE	210.55	14.822	18.500	61749	0.000	0.149	7.8	7.3
POST 25VR-22HR	NET POND	BASE	211.00	14.820	18.500	61734	0.000	0.148	7.8	7.3
POST 25VR-22HR	NET POND	BASE	211.05	14.817	18.500	61720	0.000	0.147	7.8	7.3
POST 25VR-22HR	NET POND	BASE	211.10	14.815	18.500	61705	0.000	0.146	7.8	7.3
POST 25VR-22HR	NET POND	BASE	211.15	14.813	18.500	61691	0.000	0.144	7.8	7.3
POST 25VR-22HR	NET POND	BASE	211.20	14.811	18.500	61677	0.000	0.143	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.25	14.809	18.500	61663	0.000	0.142	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.30	14.807	18.500	61649	0.000	0.141	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.35	14.805	18.500	61636	0.000	0.140	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.40	14.803	18.500	61622	0.000	0.139	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.45	14.801	18.500	61608	0.000	0.137	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.50	14.799	18.500	61595	0.000	0.136	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.55	14.797	18.500	61582	0.000	0.135	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.60	14.795	18.500	61569	0.000	0.134	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.65	14.793	18.500	61556	0.000	0.133	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.70	14.791	18.500	61543	0.000	0.132	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.75	14.789	18.500	61530	0.000	0.130	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.80	14.787	18.500	61517	0.000	0.129	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.85	14.785	18.500	61504	0.000	0.128	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.90	14.783	18.500	61492	0.000	0.127	7.8	7.4
POST 25VR-22HR	NET POND	BASE	211.95	14.782	18.500	61479	0.000	0.125	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.00	14.780	18.500	61467	0.000	0.124	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.05	14.778	18.500	61455	0.000	0.123	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.10	14.776	18.500	61443	0.000	0.122	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.15	14.774	18.500	61431	0.000	0.121	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.20	14.773	18.500	61419	0.000	0.120	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.25	14.771	18.500	61408	0.000	0.118	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.30	14.769	18.500	61396	0.000	0.117	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.35	14.767	18.500	61384	0.000	0.116	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.40	14.766	18.500	61373	0.000	0.115	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.45	14.764	18.500	61362	0.000	0.114	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.50	14.762	18.500	61351	0.000	0.113	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.55	14.761	18.500	61340	0.000	0.112	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.60	14.759	18.500	61329	0.000	0.111	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.65	14.758	18.500	61318	0.000	0.110	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.70	14.756	18.500	61307	0.000	0.108	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.75	14.754	18.500	61296	0.000	0.107	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.80	14.753	18.500	61286	0.000	0.106	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.85	14.751	18.500	61276	0.000	0.105	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.90	14.750	18.500	61265	0.000	0.104	7.8	7.4
POST 25VR-22HR	NET POND	BASE	212.95	14.748	18.500	61255	0.000	0.103	7.8	7.4
POST 25VR-22HR	NET POND	BASE	213.00	14.747	18.500	61245	0.000	0.102	7.8	7.4
POST 25VR-22HR	NET POND	BASE	213.05	14.745	18.500	61235	0.000	0.101	7.8	7.4
POST 25VR-22HR	NET POND	BASE	213.10	14.744	18.500	61225	0.000	0.100	7.8	7.4
POST 25VR-22HR	NET POND	BASE	213.15	14.742	18.500	61215	0.000	0.099	7.8	7.4
POST 25VR-22HR	NET POND	BASE	213.20	14.741	18.500	61205	0.000	0.098	7.8	7.4
POST 25VR-22HR	NET POND	BASE	213.25	14.739	18.500	61196	0.000	0.097	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.30	14.738	18.500	61186	0.000	0.096	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.35	14.737	18.500	61177	0.000	0.095	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.40	14.735	18.500	61167	0.000	0.094	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.45	14.734	18.500	61158	0.000	0.093	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.50	14.732	18.500	61149	0.000	0.093	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.55	14.731	18.500	61140	0.000	0.092	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.60	14.730	18.500	61131	0.000	0.091	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.65	14.728	18.500	61122	0.000	0.090	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.70	14.727	18.500	61113	0.000	0.089	7.8	7.5
POST 25VR-22HR	NET POND	BASE	213.75	14.726	18.500	61104	0.000	0.088	7.8	7.5

US STREET CENTER
: day bleed down post 25/72 storm

Simulation	Node	Group	Time	Stage	Warning	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	sq ft	cfs	cfs	af	af
OST 25YR-72HR	NET POND	BASE	225.60	14.724	18.500	61056	0.000	0.087	7.9	7.5
OST 25YR-72HR	NET POND	BASE	225.25	14.723	18.500	61087	0.000	0.086	7.8	7.5
OST 25YR-72HR	NET POND	BASE	225.50	14.722	18.500	61079	0.000	0.086	7.8	7.5
OST 25YR-72HR	NET POND	BASE	225.75	14.721	18.500	61070	0.000	0.085	7.7	7.5
OST 25YR-72HR	NET POND	BASE	226.00	14.719	18.500	61062	0.000	0.084	7.6	7.5
OST 25YR-72HR	NET POND	BASE	226.25	14.718	18.500	61054	0.000	0.083	7.5	7.5
OST 25YR-72HR	NET POND	BASE	226.50	14.717	18.500	61045	0.000	0.082	7.4	7.5
OST 25YR-72HR	NET POND	BASE	226.75	14.716	18.500	61037	0.000	0.081	7.3	7.5
OST 25YR-72HR	NET POND	BASE	227.00	14.715	18.500	61029	0.000	0.081	7.2	7.5
OST 25YR-72HR	NET POND	BASE	227.25	14.713	18.500	61021	0.000	0.080	7.1	7.5
OST 25YR-72HR	NET POND	BASE	227.50	14.712	18.500	61013	0.000	0.079	7.0	7.5
OST 25YR-72HR	NET POND	BASE	227.75	14.711	18.500	61006	0.000	0.078	6.9	7.5
OST 25YR-72HR	NET POND	BASE	228.00	14.710	18.500	60998	0.000	0.078	6.8	7.5
OST 25YR-72HR	NET POND	BASE	228.25	14.709	18.500	60990	0.000	0.077	6.7	7.5
OST 25YR-72HR	NET POND	BASE	228.50	14.708	18.500	60983	0.000	0.076	6.6	7.5
OST 25YR-72HR	NET POND	BASE	228.75	14.706	18.500	60975	0.000	0.075	6.5	7.5
OST 25YR-72HR	NET POND	BASE	229.00	14.705	18.500	60968	0.000	0.075	6.4	7.5
OST 25YR-72HR	NET POND	BASE	229.25	14.704	18.500	60960	0.000	0.074	6.3	7.5
OST 25YR-72HR	NET POND	BASE	229.50	14.703	18.500	60953	0.000	0.073	6.2	7.5
OST 25YR-72HR	NET POND	BASE	229.75	14.702	18.500	60946	0.000	0.073	6.1	7.5
OST 25YR-72HR	NET POND	BASE	230.00	14.701	18.500	60939	0.000	0.072	6.0	7.5
OST 25YR-72HR	NET POND	BASE	230.25	14.700	18.500	60932	0.000	0.071	5.9	7.5
OST 25YR-72HR	NET POND	BASE	230.50	14.699	18.500	60925	0.000	0.071	5.8	7.5
OST 25YR-72HR	NET POND	BASE	230.75	14.698	18.500	60918	0.000	0.070	5.7	7.5
OST 25YR-72HR	NET POND	BASE	231.00	14.697	18.500	60911	0.000	0.069	5.6	7.5
OST 25YR-72HR	NET POND	BASE	231.25	14.696	18.500	60904	0.000	0.069	5.5	7.5
OST 25YR-72HR	NET POND	BASE	231.50	14.695	18.500	60897	0.000	0.068	5.4	7.5
OST 25YR-72HR	NET POND	BASE	231.75	14.694	18.500	60890	0.000	0.067	5.3	7.5
OST 25YR-72HR	NET POND	BASE	232.00	14.693	18.500	60884	0.000	0.067	5.2	7.5
OST 25YR-72HR	NET POND	BASE	232.25	14.692	18.500	60877	0.000	0.066	5.1	7.5
OST 25YR-72HR	NET POND	BASE	232.50	14.691	18.500	60871	0.000	0.066	5.0	7.5
OST 25YR-72HR	NET POND	BASE	232.75	14.690	18.500	60864	0.000	0.065	4.9	7.5
OST 25YR-72HR	NET POND	BASE	233.00	14.689	18.500	60858	0.000	0.064	4.8	7.5
OST 25YR-72HR	NET POND	BASE	233.25	14.688	18.500	60851	0.000	0.064	4.7	7.5
OST 25YR-72HR	NET POND	BASE	233.50	14.687	18.500	60845	0.000	0.063	4.6	7.5
OST 25YR-72HR	NET POND	BASE	233.75	14.686	18.500	60839	0.000	0.063	4.5	7.5
OST 25YR-72HR	NET POND	BASE	234.00	14.685	18.500	60833	0.000	0.062	4.4	7.5
OST 25YR-72HR	NET POND	BASE	234.25	14.684	18.500	60826	0.000	0.062	4.3	7.5
OST 25YR-72HR	NET POND	BASE	234.50	14.683	18.500	60820	0.000	0.061	4.2	7.5
OST 25YR-72HR	NET POND	BASE	234.75	14.682	18.500	60814	0.000	0.060	4.1	7.5
OST 25YR-72HR	NET POND	BASE	235.00	14.682	18.500	60808	0.000	0.060	4.0	7.5
OST 25YR-72HR	NET POND	BASE	235.25	14.681	18.500	60802	0.000	0.059	3.9	7.5
OST 25YR-72HR	NET POND	BASE	235.50	14.680	18.500	60797	0.000	0.059	3.8	7.5
OST 25YR-72HR	NET POND	BASE	235.75	14.679	18.500	60791	0.000	0.058	3.7	7.5
OST 25YR-72HR	NET POND	BASE	236.00	14.678	18.500	60785	0.000	0.058	3.6	7.5
OST 25YR-72HR	NET POND	BASE	236.25	14.677	18.500	60779	0.000	0.057	3.5	7.5
OST 25YR-72HR	NET POND	BASE	236.50	14.676	18.500	60774	0.000	0.057	3.4	7.5
OST 25YR-72HR	NET POND	BASE	236.75	14.676	18.500	60768	0.000	0.056	3.3	7.5
OST 25YR-72HR	NET POND	BASE	237.00	14.675	18.500	60762	0.000	0.056	3.2	7.5
OST 25YR-72HR	NET POND	BASE	237.25	14.674	18.500	60757	0.000	0.055	3.1	7.5
OST 25YR-72HR	NET POND	BASE	237.50	14.673	18.500	60751	0.000	0.055	3.0	7.5
OST 25YR-72HR	NET POND	BASE	237.75	14.672	18.500	60746	0.000	0.054	2.9	7.5
OST 25YR-72HR	NET POND	BASE	238.00	14.671	18.500	60741	0.000	0.054	2.8	7.5
OST 25YR-72HR	NET POND	BASE	238.25	14.671	18.500	60735	0.000	0.054	2.7	7.5
OST 25YR-72HR	NET POND	BASE	238.50	14.670	18.500	60730	0.000	0.053	2.6	7.5
OST 25YR-72HR	NET POND	BASE	238.75	14.669	18.500	60725	0.000	0.053	2.5	7.5
OST 25YR-72HR	NET POND	BASE	239.00	14.668	18.500	60719	0.000	0.052	2.4	7.5
OST 25YR-72HR	NET POND	BASE	239.25	14.668	18.500	60714	0.000	0.052	2.3	7.5
OST 25YR-72HR	NET POND	BASE	239.50	14.667	18.500	60709	0.000	0.051	2.2	7.5
OST 25YR-72HR	NET POND	BASE	239.75	14.666	18.500	60704	0.000	0.051	2.1	7.5

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URK STREET CENTER
1 day bleed down post 25/12 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In sf	Total Vol Out sf
XST 25YR-72HR	NET POND	BASE	240.00	14.665	18.500	60699	0.000	0.050	7.8	7.6
XST 25YR-72HR	NET POND	BASE	240.25	14.665	18.500	60694	0.000	0.050	7.8	7.6
XST 25YR-72HR	NET POND	BASE	240.50	14.664	18.500	60689	0.000	0.050	7.8	7.6
XST 25YR-72HR	NET POND	BASE	240.75	14.663	18.500	60684	0.000	0.049	7.8	7.6
XST 25YR-72HR	NET POND	BASE	241.00	14.662	18.500	60679	0.000	0.049	7.8	7.6
XST 25YR-72HR	NET POND	BASE	241.25	14.662	18.500	60674	0.000	0.048	7.8	7.6
XST 25YR-72HR	NET POND	BASE	241.50	14.661	18.500	60670	0.000	0.048	7.8	7.6
XST 25YR-72HR	NET POND	BASE	241.75	14.660	18.500	60665	0.000	0.048	7.8	7.6
XST 25YR-72HR	NET POND	BASE	242.00	14.660	18.500	60660	0.000	0.047	7.8	7.6
XST 25YR-72HR	NET POND	BASE	242.25	14.659	18.500	60655	0.000	0.047	7.8	7.6
XST 25YR-72HR	NET POND	BASE	242.50	14.658	18.500	60651	0.000	0.046	7.8	7.6
XST 25YR-72HR	NET POND	BASE	242.75	14.657	18.500	60646	0.000	0.046	7.8	7.6
XST 25YR-72HR	NET POND	BASE	243.00	14.657	18.500	60642	0.000	0.045	7.8	7.6
XST 25YR-72HR	NET POND	BASE	243.25	14.656	18.500	60637	0.000	0.045	7.8	7.6
XST 25YR-72HR	NET POND	BASE	243.50	14.655	18.500	60633	0.000	0.045	7.8	7.6
XST 25YR-72HR	NET POND	BASE	243.75	14.655	18.500	60628	0.000	0.045	7.8	7.6
XST 25YR-72HR	NET POND	BASE	244.00	14.654	18.500	60624	0.000	0.044	7.8	7.6
XST 25YR-72HR	NET POND	BASE	244.25	14.653	18.500	60619	0.000	0.044	7.8	7.6
XST 25YR-72HR	NET POND	BASE	244.50	14.653	18.500	60615	0.000	0.044	7.8	7.6
XST 25YR-72HR	NET POND	BASE	244.75	14.652	18.500	60611	0.000	0.043	7.8	7.6
XST 25YR-72HR	NET POND	BASE	245.00	14.652	18.500	60606	0.000	0.043	7.8	7.6
XST 25YR-72HR	NET POND	BASE	245.25	14.651	18.500	60602	0.000	0.043	7.8	7.6
XST 25YR-72HR	NET POND	BASE	245.50	14.650	18.500	60598	0.000	0.042	7.8	7.6
XST 25YR-72HR	NET POND	BASE	245.75	14.650	18.500	60594	0.000	0.042	7.8	7.6
XST 25YR-72HR	NET POND	BASE	246.00	14.649	18.500	60590	0.000	0.042	7.8	7.6
XST 25YR-72HR	NET POND	BASE	246.25	14.648	18.500	60585	0.000	0.041	7.8	7.6
XST 25YR-72HR	NET POND	BASE	246.50	14.648	18.500	60581	0.000	0.041	7.8	7.6
XST 25YR-72HR	NET POND	BASE	246.75	14.647	18.500	60577	0.000	0.041	7.8	7.6
XST 25YR-72HR	NET POND	BASE	247.00	14.647	18.500	60573	0.000	0.040	7.8	7.6
XST 25YR-72HR	NET POND	BASE	247.25	14.646	18.500	60569	0.000	0.040	7.8	7.6
XST 25YR-72HR	NET POND	BASE	247.50	14.645	18.500	60565	0.000	0.040	7.8	7.6
XST 25YR-72HR	NET POND	BASE	247.75	14.645	18.500	60561	0.000	0.039	7.8	7.6
XST 25YR-72HR	NET POND	BASE	248.00	14.644	18.500	60557	0.000	0.039	7.8	7.6
XST 25YR-72HR	NET POND	BASE	248.25	14.644	18.500	60554	0.000	0.039	7.8	7.6
XST 25YR-72HR	NET POND	BASE	248.50	14.643	18.500	60550	0.000	0.039	7.8	7.6
XST 25YR-72HR	NET POND	BASE	248.75	14.642	18.500	60546	0.000	0.039	7.8	7.6
XST 25YR-72HR	NET POND	BASE	249.00	14.642	18.500	60542	0.000	0.038	7.8	7.6
XST 25YR-72HR	NET POND	BASE	249.25	14.641	18.500	60538	0.000	0.038	7.8	7.6
XST 25YR-72HR	NET POND	BASE	249.50	14.641	18.500	60535	0.000	0.037	7.8	7.6
XST 25YR-72HR	NET POND	BASE	249.75	14.640	18.500	60531	0.000	0.037	7.8	7.6
XST 25YR-72HR	NET POND	BASE	250.00	14.640	18.500	60527	0.000	0.037	7.8	7.6
XST 25YR-72HR	NET POND	BASE	250.25	14.639	18.500	60524	0.000	0.037	7.8	7.6
XST 25YR-72HR	NET POND	BASE	250.50	14.639	18.500	60520	0.000	0.036	7.8	7.6
XST 25YR-72HR	NET POND	BASE	250.75	14.638	18.500	60516	0.000	0.036	7.8	7.6
XST 25YR-72HR	NET POND	BASE	251.00	14.638	18.500	60513	0.000	0.036	7.8	7.6
XST 25YR-72HR	NET POND	BASE	251.25	14.637	18.500	60509	0.000	0.035	7.8	7.6
XST 25YR-72HR	NET POND	BASE	251.50	14.636	18.500	60506	0.000	0.035	7.8	7.6
XST 25YR-72HR	NET POND	BASE	251.75	14.636	18.500	60502	0.000	0.035	7.8	7.6
XST 25YR-72HR	NET POND	BASE	252.00	14.635	18.500	60499	0.000	0.035	7.8	7.6
XST 25YR-72HR	NET POND	BASE	252.25	14.635	18.500	60495	0.000	0.034	7.8	7.6
XST 25YR-72HR	NET POND	BASE	252.50	14.634	18.500	60492	0.000	0.034	7.8	7.6
XST 25YR-72HR	NET POND	BASE	252.75	14.634	18.500	60488	0.000	0.034	7.8	7.6
XST 25YR-72HR	NET POND	BASE	253.00	14.633	18.500	60485	0.000	0.033	7.8	7.6
XST 25YR-72HR	NET POND	BASE	253.25	14.633	18.500	60482	0.000	0.033	7.8	7.6
XST 25YR-72HR	NET POND	BASE	253.50	14.632	18.500	60478	0.000	0.033	7.8	7.6
XST 25YR-72HR	NET POND	BASE	253.75	14.632	18.500	60475	0.000	0.033	7.8	7.6
XST 25YR-72HR	NET POND	BASE	254.00	14.631	18.500	60472	0.000	0.033	7.8	7.6
XST 25YR-72HR	NET POND	BASE	254.25	14.631	18.500	60468	0.000	0.033	7.8	7.6
XST 25YR-72HR	NET POND	BASE	254.50	14.630	18.500	60465	0.000	0.032	7.8	7.6
XST 25YR-72HR	NET POND	BASE	254.75	14.630	18.500	60462	0.000	0.032	7.8	7.6

ANK STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In cu ft	Total Vol Out cu ft
POST 25YR-72HR	NET POND	BASE	255.50	14.630	18.500	60459	0.000	0.032	7.8	7.6
POST 25YR-72HR	NET POND	BASE	255.50	14.629	18.500	60456	0.000	0.032	7.8	7.6
POST 25YR-72HR	NET POND	BASE	255.50	14.629	18.500	60453	0.000	0.031	7.8	7.6
POST 25YR-72HR	NET POND	BASE	255.50	14.628	18.500	60449	0.000	0.031	7.8	7.6
POST 25YR-72HR	NET POND	BASE	256.00	14.628	18.500	60446	0.000	0.031	7.8	7.6
POST 25YR-72HR	NET POND	BASE	256.25	14.627	18.500	60443	0.000	0.031	7.8	7.6
POST 25YR-72HR	NET POND	BASE	256.50	14.627	18.500	60440	0.000	0.031	7.8	7.6
POST 25YR-72HR	NET POND	BASE	256.75	14.626	18.500	60437	0.000	0.030	7.8	7.6
POST 25YR-72HR	NET POND	BASE	257.00	14.626	18.500	60434	0.000	0.030	7.8	7.6
POST 25YR-72HR	NET POND	BASE	257.25	14.625	18.500	60431	0.000	0.030	7.8	7.6
POST 25YR-72HR	NET POND	BASE	257.50	14.625	18.500	60428	0.000	0.030	7.8	7.6
POST 25YR-72HR	NET POND	BASE	257.75	14.624	18.500	60425	0.000	0.030	7.8	7.6
POST 25YR-72HR	NET POND	BASE	258.00	14.624	18.500	60422	0.000	0.029	7.8	7.6
POST 25YR-72HR	NET POND	BASE	258.25	14.624	18.500	60419	0.000	0.029	7.8	7.6
POST 25YR-72HR	NET POND	BASE	258.50	14.623	18.500	60416	0.000	0.029	7.8	7.6
POST 25YR-72HR	NET POND	BASE	258.75	14.623	18.500	60413	0.000	0.029	7.8	7.6
POST 25YR-72HR	NET POND	BASE	259.00	14.622	18.500	60411	0.000	0.029	7.8	7.6
POST 25YR-72HR	NET POND	BASE	259.25	14.622	18.500	60408	0.000	0.028	7.8	7.6
POST 25YR-72HR	NET POND	BASE	259.50	14.621	18.500	60405	0.000	0.028	7.8	7.6
POST 25YR-72HR	NET POND	BASE	259.75	14.621	18.500	60402	0.000	0.028	7.8	7.6
POST 25YR-72HR	NET POND	BASE	260.00	14.621	18.500	60399	0.000	0.028	7.8	7.6
POST 25YR-72HR	NET POND	BASE	260.25	14.620	18.500	60397	0.000	0.028	7.8	7.6
POST 25YR-72HR	NET POND	BASE	260.50	14.620	18.500	60394	0.000	0.027	7.8	7.6
POST 25YR-72HR	NET POND	BASE	260.75	14.619	18.500	60391	0.000	0.027	7.8	7.6
POST 25YR-72HR	NET POND	BASE	261.00	14.619	18.500	60388	0.000	0.027	7.8	7.6
POST 25YR-72HR	NET POND	BASE	261.25	14.619	18.500	60386	0.000	0.027	7.8	7.6
POST 25YR-72HR	NET POND	BASE	261.50	14.618	18.500	60383	0.000	0.027	7.8	7.6
POST 25YR-72HR	NET POND	BASE	261.75	14.618	18.500	60380	0.000	0.027	7.8	7.6
POST 25YR-72HR	NET POND	BASE	262.00	14.617	18.500	60378	0.000	0.026	7.8	7.6
POST 25YR-72HR	NET POND	BASE	262.25	14.617	18.500	60375	0.000	0.026	7.8	7.6
POST 25YR-72HR	NET POND	BASE	262.50	14.617	18.500	60372	0.000	0.026	7.8	7.6
POST 25YR-72HR	NET POND	BASE	262.75	14.616	18.500	60370	0.000	0.026	7.8	7.6
POST 25YR-72HR	NET POND	BASE	263.00	14.616	18.500	60367	0.000	0.026	7.8	7.6
POST 25YR-72HR	NET POND	BASE	263.25	14.615	18.500	60365	0.000	0.026	7.8	7.6
POST 25YR-72HR	NET POND	BASE	263.50	14.615	18.500	60362	0.000	0.025	7.8	7.6
POST 25YR-72HR	NET POND	BASE	263.75	14.615	18.500	60360	0.000	0.025	7.8	7.6
POST 25YR-72HR	NET POND	BASE	264.00	14.614	18.500	60357	0.000	0.025	7.8	7.6
POST 25YR-72HR	NET POND	BASE	264.25	14.614	18.500	60355	0.000	0.025	7.8	7.6
POST 25YR-72HR	NET POND	BASE	264.50	14.614	18.500	60352	0.000	0.025	7.8	7.6
POST 25YR-72HR	NET POND	BASE	264.75	14.613	18.500	60350	0.000	0.025	7.8	7.6
POST 25YR-72HR	NET POND	BASE	265.00	14.613	18.500	60347	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	265.25	14.612	18.500	60345	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	265.50	14.612	18.500	60342	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	265.75	14.612	18.500	60340	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	266.00	14.611	18.500	60338	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	266.25	14.611	18.500	60335	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	266.50	14.611	18.500	60333	0.000	0.024	7.8	7.6
POST 25YR-72HR	NET POND	BASE	266.75	14.610	18.500	60330	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	267.00	14.610	18.500	60328	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	267.25	14.610	18.500	60326	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	267.50	14.609	18.500	60323	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	267.75	14.609	18.500	60321	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	268.00	14.609	18.500	60319	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	268.25	14.608	18.500	60317	0.000	0.023	7.8	7.6
POST 25YR-72HR	NET POND	BASE	268.50	14.608	18.500	60314	0.000	0.022	7.8	7.6
POST 25YR-72HR	NET POND	BASE	268.75	14.608	18.500	60312	0.000	0.022	7.8	7.6
POST 25YR-72HR	NET POND	BASE	269.00	14.607	18.500	60310	0.000	0.022	7.8	7.6
POST 25YR-72HR	NET POND	BASE	269.25	14.607	18.500	60308	0.000	0.022	7.8	7.6
POST 25YR-72HR	NET POND	BASE	269.50	14.607	18.500	60305	0.000	0.022	7.8	7.6
POST 25YR-72HR	NET POND	BASE	269.75	14.606	18.500	60303	0.000	0.022	7.8	7.6

URK STREET CENTER
1 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In sf	Total Vol Out sf
OBT 25YR-72HR	NET POND	BASE	210.00	14.606	18.500	60301	0.000	0.022	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	210.25	14.606	18.500	60299	0.000	0.022	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	210.50	14.605	18.500	60297	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	210.75	14.605	18.500	60295	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	211.00	14.605	18.500	60293	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	211.25	14.604	18.500	60290	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	211.50	14.604	18.500	60288	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	211.75	14.604	18.500	60286	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	212.00	14.603	18.500	60284	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	212.25	14.603	18.500	60282	0.000	0.021	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	212.50	14.603	18.500	60280	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	212.75	14.603	18.500	60278	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	213.00	14.602	18.500	60276	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	213.25	14.602	18.500	60274	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	213.50	14.602	18.500	60272	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	213.75	14.601	18.500	60270	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	214.00	14.601	18.500	60268	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	214.25	14.601	18.500	60266	0.000	0.020	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	214.50	14.600	18.500	60264	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	214.75	14.600	18.500	60262	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	215.00	14.600	18.500	60260	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	215.25	14.600	18.500	60258	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	215.50	14.599	18.500	60256	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	215.75	14.599	18.500	60254	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	216.00	14.599	18.500	60253	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	216.25	14.598	18.500	60251	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	216.50	14.598	18.500	60249	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	216.75	14.598	18.500	60247	0.000	0.019	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	217.00	14.598	18.500	60245	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	217.25	14.597	18.500	60243	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	217.50	14.597	18.500	60241	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	217.75	14.597	18.500	60240	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	218.00	14.597	18.500	60238	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	218.25	14.596	18.500	60236	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	218.50	14.596	18.500	60234	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	218.75	14.595	18.500	60232	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	219.00	14.595	18.500	60231	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	219.25	14.595	18.500	60229	0.000	0.018	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	219.50	14.595	18.500	60227	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	219.75	14.595	18.500	60225	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	220.00	14.594	18.500	60224	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	220.25	14.594	18.500	60222	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	220.50	14.594	18.500	60220	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	220.75	14.594	18.500	60219	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	221.00	14.593	18.500	60217	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	221.25	14.593	18.500	60215	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	221.50	14.593	18.500	60213	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	221.75	14.593	18.500	60212	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	222.00	14.592	18.500	60210	0.000	0.017	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	222.25	14.592	18.500	60208	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	222.50	14.592	18.500	60207	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	222.75	14.592	18.500	60205	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	223.00	14.591	18.500	60204	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	223.25	14.591	18.500	60202	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	223.50	14.591	18.500	60200	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	223.75	14.591	18.500	60199	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	224.00	14.590	18.500	60197	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	224.25	14.590	18.500	60196	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	224.50	14.590	18.500	60194	0.000	0.016	7.8	7.6
OBT 25YR-72HR	NET POND	BASE	224.75	14.590	18.500	60192	0.000	0.016	7.8	7.6

APX STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	Total af
POST 25YR-72HR	NET POND	BASE	285.00	14.590	18.500	60191	0.000	0.016	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	285.25	14.589	18.500	60189	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	285.50	14.589	18.500	60189	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	285.75	14.589	18.500	60186	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	286.00	14.589	18.500	60185	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	286.25	14.588	18.500	60183	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	286.50	14.588	18.500	60182	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	286.75	14.588	18.500	60180	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	287.00	14.588	18.500	60179	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	287.25	14.588	18.500	60177	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	287.50	14.587	18.500	60176	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	287.75	14.587	18.500	60174	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	288.00	14.587	18.500	60173	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	288.25	14.587	18.500	60171	0.000	0.015	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	288.50	14.586	18.500	60170	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	288.75	14.586	18.500	60168	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	289.00	14.586	18.500	60167	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	289.25	14.586	18.500	60165	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	289.50	14.586	18.500	60164	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	289.75	14.585	18.500	60163	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	290.00	14.585	18.500	60161	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	290.25	14.585	18.500	60160	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	290.50	14.585	18.500	60158	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	290.75	14.585	18.500	60157	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	291.00	14.584	18.500	60156	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	291.25	14.584	18.500	60154	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	291.50	14.584	18.500	60153	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	291.75	14.584	18.500	60151	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	292.00	14.583	18.500	60150	0.000	0.014	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	292.25	14.583	18.500	60149	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	292.50	14.583	18.500	60147	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	292.75	14.583	18.500	60146	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	293.00	14.583	18.500	60145	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	293.25	14.582	18.500	60143	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	293.50	14.582	18.500	60142	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	293.75	14.582	18.500	60141	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	294.00	14.582	18.500	60139	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	294.25	14.582	18.500	60138	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	294.50	14.582	18.500	60137	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	294.75	14.581	18.500	60136	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	295.00	14.581	18.500	60134	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	295.25	14.581	18.500	60133	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	295.50	14.581	18.500	60132	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	295.75	14.581	18.500	60130	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	296.00	14.580	18.500	60129	0.000	0.013	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	296.25	14.580	18.500	60128	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	296.50	14.580	18.500	60127	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	296.75	14.580	18.500	60125	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	297.00	14.580	18.500	60124	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	297.25	14.579	18.500	60123	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	297.50	14.579	18.500	60122	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	297.75	14.579	18.500	60121	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	298.00	14.579	18.500	60119	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	298.25	14.579	18.500	60118	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	298.50	14.579	18.500	60117	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	298.75	14.578	18.500	60116	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	299.00	14.578	18.500	60115	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	299.25	14.578	18.500	60113	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	299.50	14.578	18.500	60112	0.000	0.012	7.8	7.7	7.7
POST 25YR-72HR	NET POND	BASE	299.75	14.578	18.500	60111	0.000	0.012	7.8	7.7	7.7

AUX STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-72HR	WET POND	BASE	300.00	14.577	18.500	60110	0.000	0.012	7.8	7.7
POST 25YR-72HR	WET POND	BASE	300.25	14.577	18.500	60109	0.000	0.012	7.8	7.7
POST 25YR-72HR	WET POND	BASE	300.50	14.577	18.500	60107	0.000	0.012	7.8	7.7
POST 25YR-72HR	WET POND	BASE	300.75	14.577	18.500	60106	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	301.00	14.577	18.500	60105	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	301.25	14.577	18.500	60104	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	301.50	14.576	18.500	60103	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	301.75	14.576	18.500	60102	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	302.00	14.576	18.500	60101	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	302.25	14.576	18.500	60099	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	302.50	14.576	18.500	60098	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	302.75	14.576	18.500	60097	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	303.00	14.575	18.500	60096	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	303.25	14.575	18.500	60095	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	303.50	14.575	18.500	60094	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	303.75	14.575	18.500	60093	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	304.00	14.575	18.500	60092	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	304.25	14.574	18.500	60091	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	304.50	14.574	18.500	60090	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	304.75	14.574	18.500	60089	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	305.00	14.574	18.500	60088	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	305.25	14.574	18.500	60086	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	305.50	14.574	18.500	60085	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	305.75	14.574	18.500	60084	0.000	0.011	7.8	7.7
POST 25YR-72HR	WET POND	BASE	306.00	14.574	18.500	60083	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	306.25	14.573	18.500	60082	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	306.50	14.573	18.500	60081	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	306.75	14.573	18.500	60080	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	307.00	14.573	18.500	60079	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	307.25	14.573	18.500	60078	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	307.50	14.573	18.500	60077	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	307.75	14.572	18.500	60076	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	308.00	14.572	18.500	60075	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	308.25	14.572	18.500	60074	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	308.50	14.572	18.500	60073	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	308.75	14.572	18.500	60072	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	309.00	14.572	18.500	60071	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	309.25	14.572	18.500	60070	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	309.50	14.571	18.500	60069	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	309.75	14.571	18.500	60068	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	310.00	14.571	18.500	60067	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	310.25	14.571	18.500	60066	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	310.50	14.571	18.500	60065	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	310.75	14.571	18.500	60064	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	311.00	14.571	18.500	60063	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	311.25	14.570	18.500	60062	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	311.50	14.570	18.500	60061	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	311.75	14.570	18.500	60060	0.000	0.010	7.8	7.7
POST 25YR-72HR	WET POND	BASE	312.00	14.570	18.500	60059	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	312.25	14.570	18.500	60058	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	312.50	14.570	18.500	60057	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	312.75	14.570	18.500	60056	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	313.00	14.569	18.500	60055	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	313.25	14.569	18.500	60054	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	313.50	14.569	18.500	60053	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	313.75	14.569	18.500	60052	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	314.00	14.569	18.500	60051	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	314.25	14.569	18.500	60050	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	314.50	14.568	18.500	60049	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	314.75	14.568	18.500	60048	0.000	0.009	7.8	7.7

ASK STREET CENTER and Pond Routing Model (ICPR) ©2002 Streamline Technologies, Inc.

2 day bleed down post 25/72 storm

Simulation	Mode	Group	Time hr	Stage ft	Warning Stage ft	Surface Area ac	Total Inflow cfs	Total Outflow cfs	Total Vol in sf	Total Vol Out sf
POST 25YR-72HR	WET POND	BASE	315.00	14.568	18.500	60048	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	315.25	14.568	18.500	60047	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	315.50	14.568	18.500	60046	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	315.75	14.568	18.500	60045	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	316.00	14.568	18.500	60044	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	316.25	14.568	18.500	60044	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	316.50	14.567	18.500	60043	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	316.75	14.567	18.500	60042	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	317.00	14.567	18.500	60041	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	317.25	14.567	18.500	60040	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	317.50	14.567	18.500	60039	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	317.75	14.567	18.500	60038	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	318.00	14.567	18.500	60037	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	318.25	14.567	18.500	60036	0.000	0.009	7.8	7.7
POST 25YR-72HR	WET POND	BASE	318.50	14.566	18.500	60035	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	318.75	14.566	18.500	60034	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	319.00	14.566	18.500	60033	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	319.25	14.566	18.500	60032	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	319.50	14.566	18.500	60031	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	319.75	14.566	18.500	60030	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	320.00	14.566	18.500	60029	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	320.25	14.565	18.500	60028	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	320.50	14.565	18.500	60027	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	320.75	14.565	18.500	60026	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	321.00	14.565	18.500	60025	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	321.25	14.565	18.500	60024	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	321.50	14.564	18.500	60023	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	321.75	14.564	18.500	60022	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	322.00	14.564	18.500	60021	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	322.25	14.564	18.500	60020	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	322.50	14.564	18.500	60019	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	322.75	14.564	18.500	60018	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	323.00	14.564	18.500	60017	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	323.25	14.563	18.500	60016	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	323.50	14.563	18.500	60015	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	323.75	14.563	18.500	60014	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	324.00	14.563	18.500	60013	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	324.25	14.563	18.500	60012	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	324.50	14.563	18.500	60011	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	324.75	14.563	18.500	60010	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	325.00	14.562	18.500	60009	0.000	0.008	7.8	7.7
POST 25YR-72HR	WET POND	BASE	325.25	14.562	18.500	60008	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	325.50	14.562	18.500	60007	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	325.75	14.562	18.500	60006	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	326.00	14.562	18.500	60005	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	326.25	14.562	18.500	60004	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	326.50	14.562	18.500	60003	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	326.75	14.562	18.500	60002	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	327.00	14.561	18.500	60001	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	327.25	14.561	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	327.50	14.561	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	327.75	14.561	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	328.00	14.562	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	328.25	14.562	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	328.50	14.562	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	328.75	14.562	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	329.00	14.561	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	329.25	14.561	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	329.50	14.561	18.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	329.75	14.561	18.500	60000	0.000	0.007	7.8	7.7

ARK STREET CENTER
2 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
POST 25YR-72HR	WET POND	BASE	330.00	14.561	10.500	60000	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	330.25	14.561	10.500	59599	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	330.50	14.561	10.500	59598	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	330.75	14.561	10.500	59597	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	331.00	14.561	10.500	59597	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	331.25	14.561	10.500	59596	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	331.50	14.560	10.500	59595	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	331.75	14.560	10.500	59595	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	332.00	14.560	10.500	59594	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	332.25	14.560	10.500	59593	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	332.50	14.560	10.500	59592	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	332.75	14.560	10.500	59592	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	333.00	14.560	10.500	59591	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	333.25	14.560	10.500	59590	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	333.50	14.559	10.500	59589	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	333.75	14.559	10.500	59588	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	334.00	14.559	10.500	59588	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	334.25	14.559	10.500	59587	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	334.50	14.559	10.500	59586	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	334.75	14.559	10.500	59586	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	335.00	14.559	10.500	59585	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	335.25	14.558	10.500	59584	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	335.50	14.558	10.500	59583	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	335.75	14.558	10.500	59582	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	336.00	14.558	10.500	59581	0.000	0.007	7.8	7.7
POST 25YR-72HR	WET POND	BASE	336.25	14.558	10.500	59580	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	336.50	14.558	10.500	59579	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	336.75	14.558	10.500	59578	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	337.00	14.558	10.500	59577	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	337.25	14.558	10.500	59576	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	337.50	14.557	10.500	59575	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	337.75	14.557	10.500	59574	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	338.00	14.557	10.500	59573	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	338.25	14.557	10.500	59572	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	338.50	14.557	10.500	59571	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	338.75	14.557	10.500	59570	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	339.00	14.557	10.500	59569	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	339.25	14.556	10.500	59568	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	339.50	14.556	10.500	59567	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	339.75	14.556	10.500	59566	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	340.00	14.556	10.500	59565	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	340.25	14.556	10.500	59564	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	340.50	14.556	10.500	59563	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	340.75	14.556	10.500	59562	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	341.00	14.556	10.500	59561	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	341.25	14.556	10.500	59560	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	341.50	14.556	10.500	59559	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	341.75	14.556	10.500	59558	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	342.00	14.556	10.500	59557	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	342.25	14.556	10.500	59556	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	342.50	14.556	10.500	59555	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	342.75	14.556	10.500	59554	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	343.00	14.556	10.500	59553	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	343.25	14.556	10.500	59552	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	343.50	14.556	10.500	59551	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	343.75	14.556	10.500	59550	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	344.00	14.556	10.500	59549	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	344.25	14.555	10.500	59548	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	344.50	14.555	10.500	59547	0.000	0.006	7.8	7.7
POST 25YR-72HR	WET POND	BASE	344.75	14.555	10.500	59546	0.000	0.006	7.8	7.7

ARK STREET CENTER
1 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning ft	Surface Area ft ²	Total Inflow cfs	Total Outflow cfs	Total Vol In ft ³	Total Vol Out ft ³
POST 25YR-12HR	WET POND	BASE	345.00	14.555	18.500	59960	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	345.25	14.555	18.500	59960	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	345.50	14.555	18.500	59959	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	345.75	14.555	18.500	59959	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	346.00	14.555	18.500	59958	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	346.25	14.555	18.500	59958	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	346.50	14.555	18.500	59957	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	346.75	14.555	18.500	59956	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	347.00	14.555	18.500	59955	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	347.25	14.554	18.500	59955	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	347.50	14.554	18.500	59954	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	347.75	14.554	18.500	59953	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	348.00	14.554	18.500	59952	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	348.25	14.554	18.500	59952	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	348.50	14.554	18.500	59951	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	348.75	14.553	18.500	59951	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	349.00	14.553	18.500	59950	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	349.25	14.553	18.500	59950	0.000	0.006	7.8	7.7
POST 25YR-12HR	WET POND	BASE	349.50	14.553	18.500	59949	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	349.75	14.553	18.500	59949	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	350.00	14.553	18.500	59948	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	350.25	14.553	18.500	59947	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	350.50	14.553	18.500	59947	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	350.75	14.553	18.500	59946	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	351.00	14.553	18.500	59946	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	351.25	14.553	18.500	59945	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	351.50	14.553	18.500	59945	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	351.75	14.553	18.500	59944	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	352.00	14.553	18.500	59944	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	352.25	14.553	18.500	59943	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	352.50	14.553	18.500	59943	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	352.75	14.552	18.500	59942	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	353.00	14.552	18.500	59942	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	353.25	14.552	18.500	59941	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	353.50	14.552	18.500	59941	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	353.75	14.552	18.500	59940	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	354.00	14.552	18.500	59939	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	354.25	14.552	18.500	59939	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	354.50	14.552	18.500	59938	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	354.75	14.552	18.500	59938	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	355.00	14.552	18.500	59937	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	355.25	14.552	18.500	59937	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	355.50	14.552	18.500	59936	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	355.75	14.552	18.500	59936	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	356.00	14.552	18.500	59935	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	356.25	14.551	18.500	59935	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	356.50	14.551	18.500	59934	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	356.75	14.551	18.500	59934	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	357.00	14.551	18.500	59933	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	357.25	14.551	18.500	59933	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	357.50	14.551	18.500	59932	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	357.75	14.551	18.500	59932	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	358.00	14.551	18.500	59931	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	358.25	14.551	18.500	59931	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	358.50	14.551	18.500	59930	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	358.75	14.551	18.500	59930	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	359.00	14.551	18.500	59929	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	359.25	14.551	18.500	59929	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	359.50	14.551	18.500	59929	0.000	0.005	7.8	7.7
POST 25YR-12HR	WET POND	BASE	359.75	14.551	18.500	59929	0.000	0.005	7.8	7.7

LRK STREET CENTER
1 day bleed down post 25/72 storm

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vel In cfs	Total Vel Out cfs
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BMP - Nutrient Loading

American Civil Engineering Co.



American Civil Engineering Co.

BMP – Nutrient Loading

Summary Treatment Report Version: 4.3.5

Project: Park Street Commerce Center

Analysis Type: Net

Improvement

BMP Types:

Date: 1/12/2023

Catchment 1 -
(Development) Retention
Catchment 2 - (Wet pond)
Wet Detention with Littoral
Shelf

Routing Summary

Catchment 1 Routed to Catchment 2
Catchment 2 Routed to Outlet

Based on % removal values to
the nearest percent

Total nitrogen target removal met? **Yes**

Total phosphorus target removal met? **Yes**

Summary Report

Nitrogen

Surface Water Discharge

Total N pre load	3.96 kg/yr	
Total N post load	81.87 kg/yr	
Target N load reduction	95 %	
Target N discharge load	3.96 kg/yr	
Percent N load reduction	98 %	
Provided N discharge load	1.6 kg/yr	3.53 lb/yr
Provided N load removed	80.27 kg/yr	177 lb/yr

Phosphorus

Surface Water Discharge

Total P pre load	.054 kg/yr	
Total P post load	11.769 kg/yr	
Target P load reduction	100 %	
Target P discharge load	.054 kg/yr	
Percent P load reduction	100 %	
Provided P discharge load	.019 kg/yr	.04 lb/yr
Provided P load removed	11.75 kg/yr	25.909 lb/yr