



CITY OF APALACHICOLA DRAINAGE BASIN ANALYSIS

Drainage Study and Noted Deficiencies

January 2026

FINAL REPORT



SUBMITTED BY
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SUBMITTED TO:
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Project # 50182701

Professional Engineer's Certification

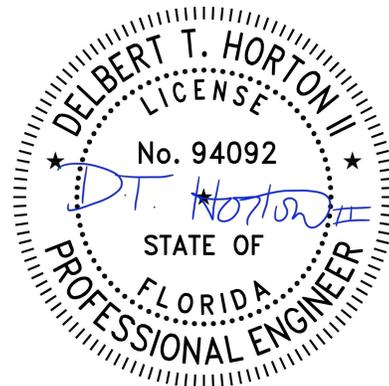
I hereby certify that I am a Licensed Professional Engineer in the State of Florida practicing with Dewberry and that I have supervised the preparation of and approve the evaluations, findings, opinions, conclusions, and technical advice hereby reported for:

Project: City of Apalachicola Drainage Basin Analysis
Dewberry Project No. 50182701

Locations: 18th Street to Water Street & 7th Street to Market Street

This item has been digitally signed and sealed by D.T. Horton II, PE, on 01/20/2026.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



D.T. Horton II, P.E.
Project Manager
License No. 94092

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Attachment B: FEMA Flood Map

Attachment C: NRCS Soil Report

Attachment D: Surveys/Design Documents from Previous Projects

Attachment E: Existing Conditions StormWise Nodes, Links, and Basins Exhibit

Attachment F: StormWise Inputs for Existing Conditions

Attachment G: Existing Condition StormWise Results Spreadsheet

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Attachment I: Field Investigation Exhibit

Attachment J: Video Area Observations Exhibits

Attachment K: Stormwise Surchage Locations Exhibit

1. Introduction

This report provides an analysis of the City of Apalachicola's stormwater conveyances throughout portions of the City. Phase I of this study was completed circa 2018. The purpose of the contained Phase II Project is to document additional City stormwater conveyance deficiencies through field investigation and subsurface videos of the stormwater piping/conveyance system and also to model the existing conveyance systems of concern and identify areas with natural or designed inadequacies.

The City of Apalachicola contracted with Dewberry in August of 2024 to gather field survey data, develop a map of the conveyance system within the drainage basin, create a stormwater model, coordinate an internal pipe visual inspection, and prepare a final report which documents the findings of the investigation.

1.1 Area of Study

For the purposes of this study, the areas of concern will be referred to as "Drainage Basin" areas. The Drainage Basin areas generally consist of the portion of land from 18th Street to Water Street and 7th Street to Market Street.

Please see **Attachment A** for details.

1.2 Exclusions

1. This study does not include or address environmental concerns/issues, system design, opinions of probable construction costs, or property acquisitions.

2. Existing Conditions

2.1 FEMA Flood Zones

The Drainage Basin area is primarily in FEMA Flood "X", which is an area of minimal flood hazard or a 0.2% annual chance of flood hazard. A small portion of the area of interest is in Flood Zone VE. The remainder of the Drainage Basin is in FEMA Flood Zone "AE". Please refer to **Attachment B** for details.

2.2 Soils

The Drainage Basin area consists of Dirego and Bayvi soils, aquents, Bohicket and Tisonia soils, Dorovan-Pamlico complex, Ortega fine sand, Lynn Haven sand, Leon Sand, Maurepas mulch, Mandarin fine sand, Chowan, Brickyard, and Kenner soils, Resota fine sand, Rutledge loamy fine sand, Rutledge fine sand, Scranton fine sand, and Picknet-Pamlico complex. The soil rating for most of these soil groups are "A/D". Ortega fine sand and Resota fine sand are soil rating "A". Bohicket and Tisonia soils are rated "D". Dorovan-Pamlico complex is rated "B/D". Chowan, Brickyard, and Kenner soils are rated "C/D". Please see [Attachment C](#) for a detailed report.

2.3 Survey

All field work and office work associated with this analysis were based on previously completed surveys, as-built information, and design files of constructed areas within the areas of interest. Any information not obtained by previously provided data was discovered through field observation and field measurements. Areas that were unable to be accessed in the field were assumed using adjacent pipe sizes and field measurements of adjacent pipes/structures.

Please see [Attachment D](#) for a copy of the surveys referenced in this project.

2.4 General Topography

The previously conducted surveys indicate that the lowest point elevation recorded on the existing ground surface ranged from approximately two feet (2') to over sixteen feet (16').

Please see [Attachment D](#) for a copy of the surveys referenced in this project.

2.5 Stormwater Conveyance Systems

Generally, there are 8 major conveyance systems that discharge into the Apalachicola River or the Apalachicola Bay. There are systems that are not a part of a major conveyance system but provide drainage into the Apalachicola River or Apalachicola Bay.

3. Limitations, Approach, and Model Inputs

3.1 Limitations

1. Any items of interest that were located on privately owned parcels could not be accessed. Data was gathered in public rights-of-way only. Some conveyance systems appeared to enter private property and some appeared to be underneath existing residences/structures.
2. Detailed data was unable to be collected in areas that were undermaintained, buried, or not clearly visible.

3. The stormwater modeling was completed using a Stormwise 1D Analysis. A 1D Analysis does not utilize surface data to model the area or staging of actual flood waters. However, a 1D Analysis does provide hydraulic grade line data that can be used to identify conveyance system deficiencies.

3.1.1 Assumptions

1. For structures lacking survey information, locations were identified in the field. Rim elevations were estimated using available LiDAR-derived surface data.
2. Where invert elevations were not available, invert assumptions were made based on field observations, visible pipe configurations, relative grades, and reasonable engineering judgment.
3. Any assumed inverts were developed without established elevations and are intended for planning-level and comparative hydraulic analysis only.
4. To key in on modeling deficiencies only, all stormwater conveyance systems were modeled assuming fully functional pipes/inlets.

3.2 Modeling Inputs

3.2.1 Nodes

Nodes were placed at all ditch ends, pipe ends, and stormwater structures. The tops of the structures were analyzed and compared to the maximum staging in the model to determine the most concentrated areas of flooding/staging.

3.2.2 Links

Links were input as pipe links and channel links according to the investigated data.

3.2.3 Basins

Sub-basins for each node were delineated according to the surveyed data and supplemented with the lidar topographic data. The basins were modeled as "Manual" basins in StormWise. Manual basins use layered GIS data to calculate the runoff curve numbers associated with each basin by using in model reference tables that correspond to the land cover and soils GIS Data.

3.2.4 Cross Sections

1. The existing surface was loaded into the model and cross sections for channel links were generated in StormWise.
2. Cross section data was supplemented with field survey data and cross sections were generated from the surveyed surface for channel links that required more detail.
3. One upstream and one downstream cross section were generated for each channel link

4. Identified Deficiencies

Stormwater conveyance deficiencies were analyzed on three fronts: above ground field investigations, underground stormwater video inspections, and conveyance system modeling:

4.1 Field Investigations

Field investigations were completed by Dewberry Engineering to document areas of the conveyance system that were non-functioning or not-fully-functioning due to over vegetation, lack of maintenance, or failure of materials/structures. Please see **Attachment I** in this report for a map that contains detailed photographs documenting conveyance system deficiencies found in the field.

4.2 Stormwater Videos

Gulf Coast Underground was contracted by Dewberry Engineering to provide video footage of underground storm pipes within the Drainage Basin areas. A total of 25 videos were produced by Gulf Coast Underground and contained approximately 1,102.3 feet of pipe.

Dewberry Engineering reviewed the videos produced by Gulf Coast Underground and discovered general deficiencies including, but not limited to: collapsed and cracked pipes, sand and debris build up, and standing water. For a detailed report of deficiencies and locations caught on video, please refer to **Attachment H** in this report.

For a scaled map showing the video observation areas and a general overview of deficiencies caught on video, please see **Attachment J** in this report.

4.3 Modeled Deficiencies

All modeled drainage systems were evaluated under the assumption that existing drainage systems are in fair structural and hydraulic condition, with no known major obstructions, collapses, or structural failures. The modeling approach considers no more than minor system deficiencies, such as localized capacity constraints or tailwater influences, rather than systematic infrastructure failure. Based on the results of the hydraulic modeling, several drainage elements were identified as experiencing capacity limitations under analyzed design storm scenarios. The deficiencies described below are derived from modeled conditions and are subject to the assumptions and limitations of the available data. Actual field performance may vary.

4.3.1 Intersection of Avenue I and Market Street Discharge Point System

The hydraulic model indicates that the discharge drainage system experiences surcharging conditions through much of the system under the analyzed storm events. This condition appears to be primarily associated with the lack of a consistent positive outfall, which limits the ability to set pipe inverts and inlet elevations sufficiently above downstream control stages. As a result, portions of the system remain influenced by elevated tailwater conditions.

The system was evaluated using a Mean High Water (MHW elevation of 0.73 feet, under which conditions the downstream segments of the system remain submerged for extended durations. During, larger storm events, these tailwater effects and reverse flow within portions of the system until downstream stages gradually recede.

Modeling Results and Comments can be found in **Attachment H, and** Surcharge Locations can be found on Exhibit in **Attachment K.**

4.3.2 Battery Park Boat Ramp Discharge Point System

The hydraulic model indicates fewer areas of surcharge throughout the drainage system. The drainage system was evaluated using a Mean High Water (MHW) elevation of 0.73 ft as the downstream boundary condition. Under the modeled storm events, most of the system does not exhibit widespread surcharge conditions, indicating that the modeled conveyance capacity is generally sufficient under the assumed conditions.

The modeled surcharge behavior in these areas were noted, however, due to severe maintenance issues and pipe/structure failures the modeling effort was limited due to field conditions being the critical item and possibly effecting the effectiveness of the model. Modeling Results and Comments can be found in **Attachment H,** and Surcharge Locations can be found on Exhibit in **Attachment K.**

4.3.3 Intersection of 12th Street and Bay Avenue Discharge Point System

The drainage system exhibits little to no surcharge under the modeled storm events, indicating that overall system conveyance is generally adequate. No widespread hydraulic deficiencies were identified within the system.

A localized area of surcharge and surface staging is predicted within a low, depressed portion of the system, as identified by available Lidar topographic data. Model results indicate that runoff accumulates within the depressed area and subsequently enters an unknown subsurface pipe entry point that could not be identified during field and video investigations. Due to lack of confirmed information regarding, buried pipes and connectivity at this location, the modeled results indicate temporary surface staging and potential localized flooding until downstream conditions allow for drawdown.

In addition, a couple of upstream localized surcharge areas are indicated within the system. This condition is likely influenced by areas where field investigations identified buried or inaccessible infrastructure. Data for these sections of segments were assumed. Because these drainage elements could not be directly verified, modeling inputs were based on best available information, which may contribute to the predicted surcharge behavior in this upstream segment.

Modeling Results and Comments can be found in **Attachment H, and** Surcharge Locations can be found on Exhibit in **Attachment K.**

4.3.4 Intersection of 11th St and Avenue B (No Outfall)

For (4) inlets located within the same intersection were identified as being hydraulically connected to each other, however no known or identifiable outfall from this drainage system could be confirmed through field investigations, record review, or available video observations. As a result, the ultimate discharge point for this interconnected system is unknown.

For modeling purposes, contributing basin areas were assumed to drain via overland flow to the four inlets, because no confirmed outfall or downstream discharge path exists, the model has limited means of conveyance, resulting in localized surcharge and subsurface staging at these inlet locations during storm events.

4.3.5 Scipio Creek Marina Discharge Point System

The hydraulic model indicates that the discharge drainage system experiences surcharging conditions through much of the system under the analyzed storm events. This condition appears to be primarily associated with the lack of a consistent positive outfall, which limits the ability to set pipe inverts and inlet elevations sufficiently above downstream control stages. As a result, portions of the system remain influenced by elevated tailwater conditions.

The system was evaluated using a Mean High Water (MHW elevation of 0.73 feet, under which conditions the downstream segments of the system remain submerged for extended durations. During, larger storm events, these tailwater effects and reverse flow within portions of the system until downstream stages gradually recede.

The very low ground elevations within portions of the system area increase susceptibility to tailwater effects. Under elevated downstream stages, including periods approaching or exceeding Mean High-Water Level of 0.73 ft which system was modeled; backflow conditions may occur within the system.

Multiple areas of surface staging are also predicted throughout the system, with particular emphasis on a specific localized area where no identifiable outfall or defined discharge connecting point was observed within the staged area during field investigations. In this area, runoff is expected to accumulate during storm events and staging may overtop the depressed area and transition to overland flow, which will follow local topography toward the nearest downstream collection as indicated by Lidar data and observed site conditions. Modeling Results and Comments can be found in [Attachment H, and](#) Surcharge Locations can be found on Exhibit in [Attachment K](#).

4.3.6 16th Street and Avenue B Discharge Point System

The drainage system exhibits little to no surcharge under the modeled storm events, indicating that overall system conveyance is generally adequate. No widespread hydraulic deficiencies were identified within the system.

A couple of upstream localized surcharge areas are indicated within the system. This condition is likely influenced by assumed areas where field investigations identified buried or inaccessible infrastructure. Because these drainage elements could not be directly verified, modeling inputs were based on best available information, which may contribute to the predicted surcharge behavior in this upstream segment.

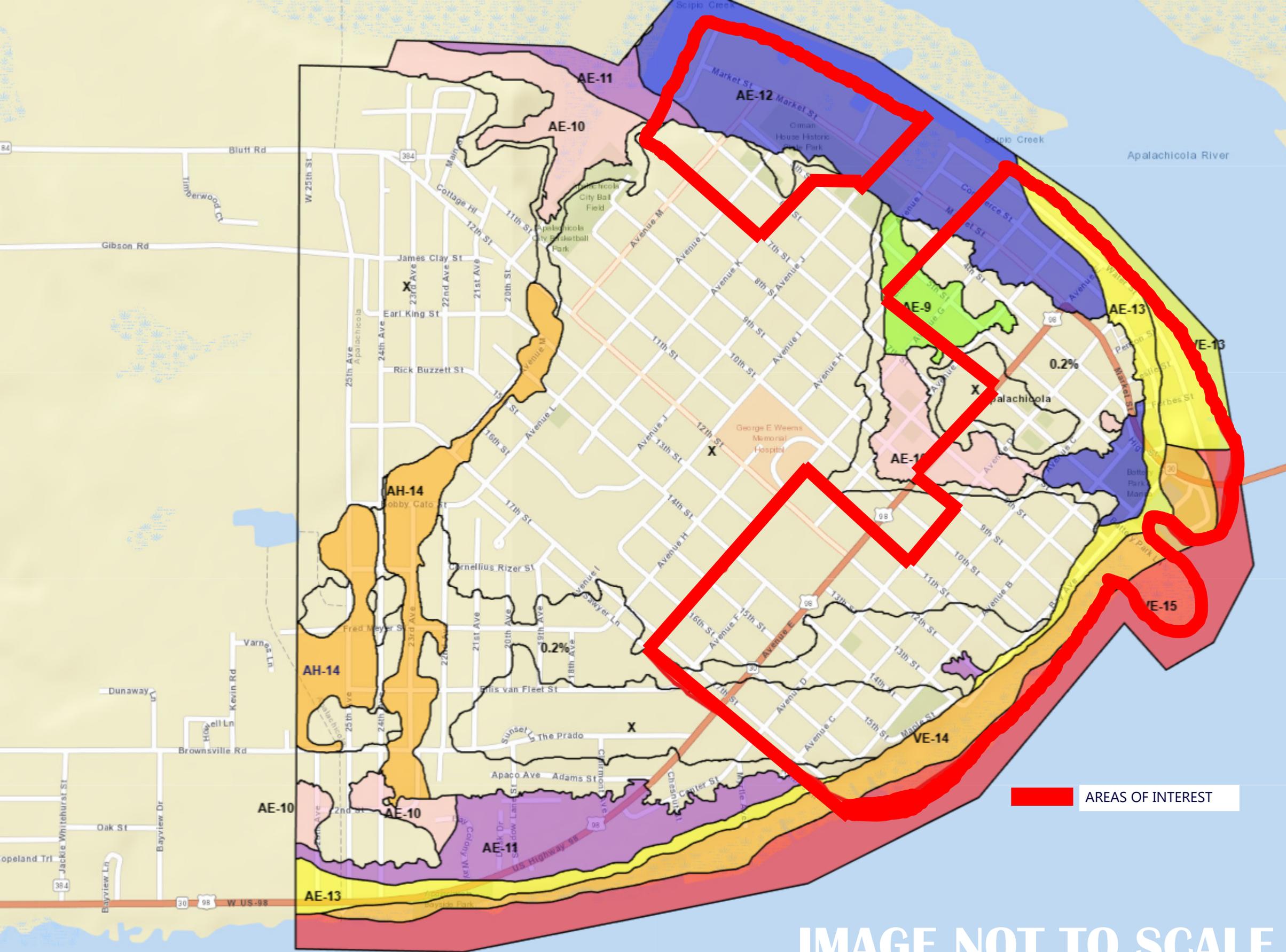
Modeling Results and Comments can be found in [Attachment H, and](#) Surcharge Locations can be found on Exhibit in [Attachment K](#).

Attachment A

Location Map

Attachment B

FEMA Flood Map



 AREAS OF INTEREST

IMAGE NOT TO SCALE

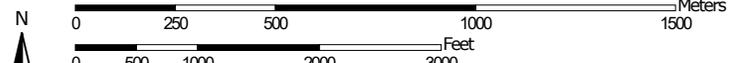
Attachment C

NRCS Soil Report

Hydrologic Soil Group—Franklin County, Florida
(Apalachicola Drainage Analysis)



Map Scale: 1:18,800 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Lines

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Points

 A
 A/D
 B
 B/D

 C
 C/D
 D
 Not rated or not available

Water Features

 Streams and Canals

Transportation

 Rails
 Interstate Highways
 US Routes
 Major Roads
 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Franklin County, Florida
 Survey Area Data: Version 21, Aug 21, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 10, 2024—Jan 20, 2024

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
4	Dirego and Bayvi soils, tidal	A/D	45.5	2.9%
5	Aquents, nearly level		101.4	6.5%
7	Bohicket and Tisonia soils, tidal	D	131.3	8.4%
11	Dorovan-Pamlico complex, depressional	B/D	6.0	0.4%
15	Ortega fine sand, 0 to 5 percent slopes	A	5.4	0.3%
20	Lynn Haven sand	A/D	1.8	0.1%
22	Leon sand, 0 to 2 percent slopes	A/D	252.1	16.1%
23	Maurepas muck, frequently flooded	A/D	12.9	0.8%
24	Mandarin fine sand, 0 to 2 percent slopes	A	322.2	20.5%
25	Chowan, Brickyard, and Kenner soils, frequently flooded	C/D	12.6	0.8%
29	Resota fine sand, 0 to 5 percent slopes	A	62.2	4.0%
30	Rutlege loamy fine sand, depressional	A/D	0.0	0.0%
31	Rutlege fine sand, 0 to 2 percent slopes	A/D	59.9	3.8%
33	Scranton fine sand, 0 to 2 percent slopes	A/D	105.2	6.7%
36	Pickney-Pamlico complex, depressional	A/D	47.3	3.0%
99	Water		204.9	13.1%
100	Waters of the Gulf of Mexico		198.6	12.7%
Totals for Area of Interest			1,569.3	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

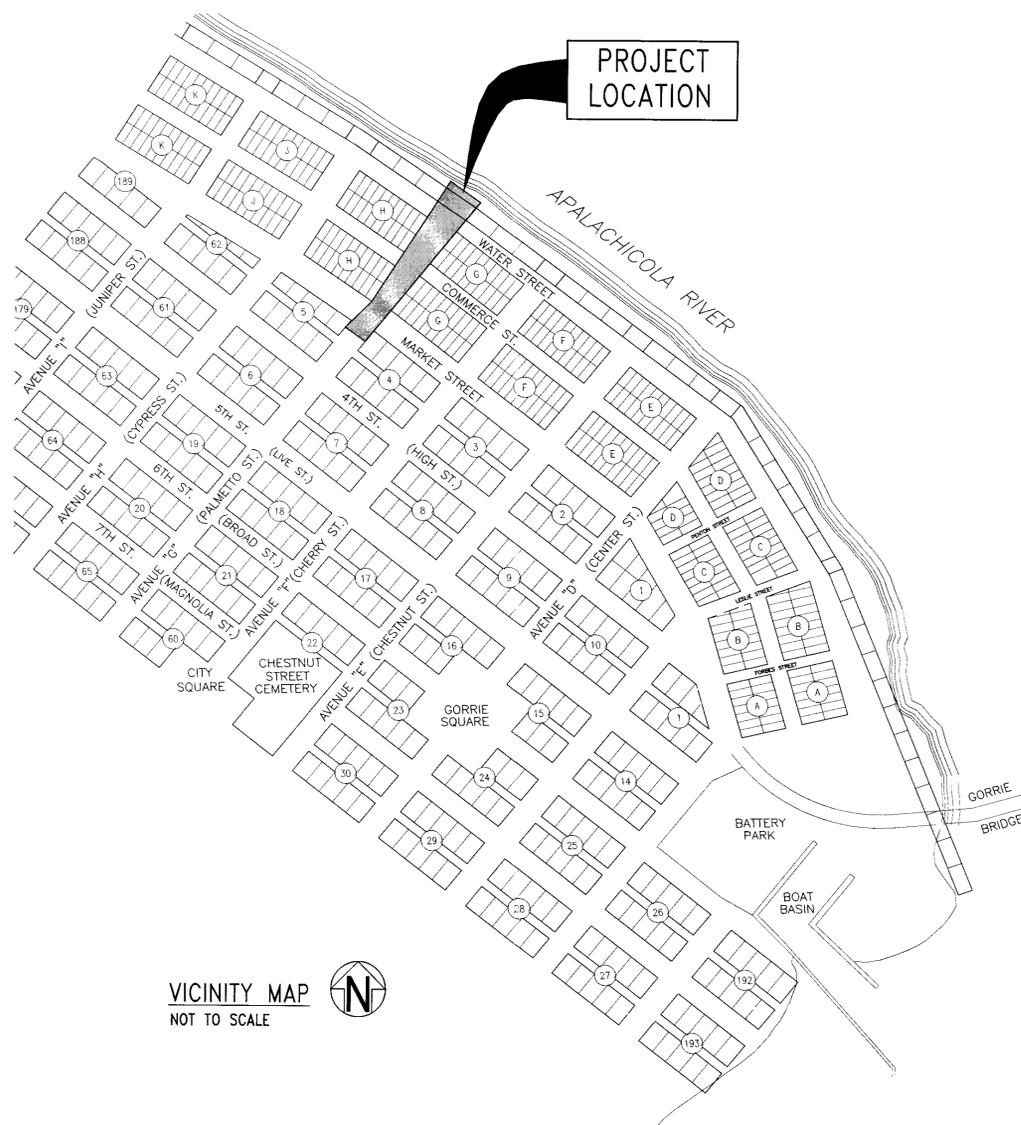
Tie-break Rule: Higher

Attachment D

Surveys from Previous Projects

**CONSTRUCTION PLANS
FOR THE**

**APALACHICOLA STORMWATER
IMPROVEMENTS**



PROJECT
LOCATION

PREPARED FOR
THE CITY OF APALACHICOLA
1 Bay Avenue
APALACHICOLA, FL 32320

Prepared by:



**BASKERVILLE-
DONOVAN, INC.**
INNOVATIVE INFRASTRUCTURE SOLUTIONS
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ENGINEERING BUSINESS: EB-0000340

**BDI PROJECT NUMBER: 18453.02
DECEMBER 2008**

ENGINEERING BUSINESS : EB-0000340

DRAWING INDEX:

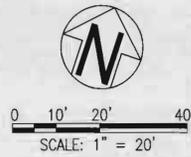
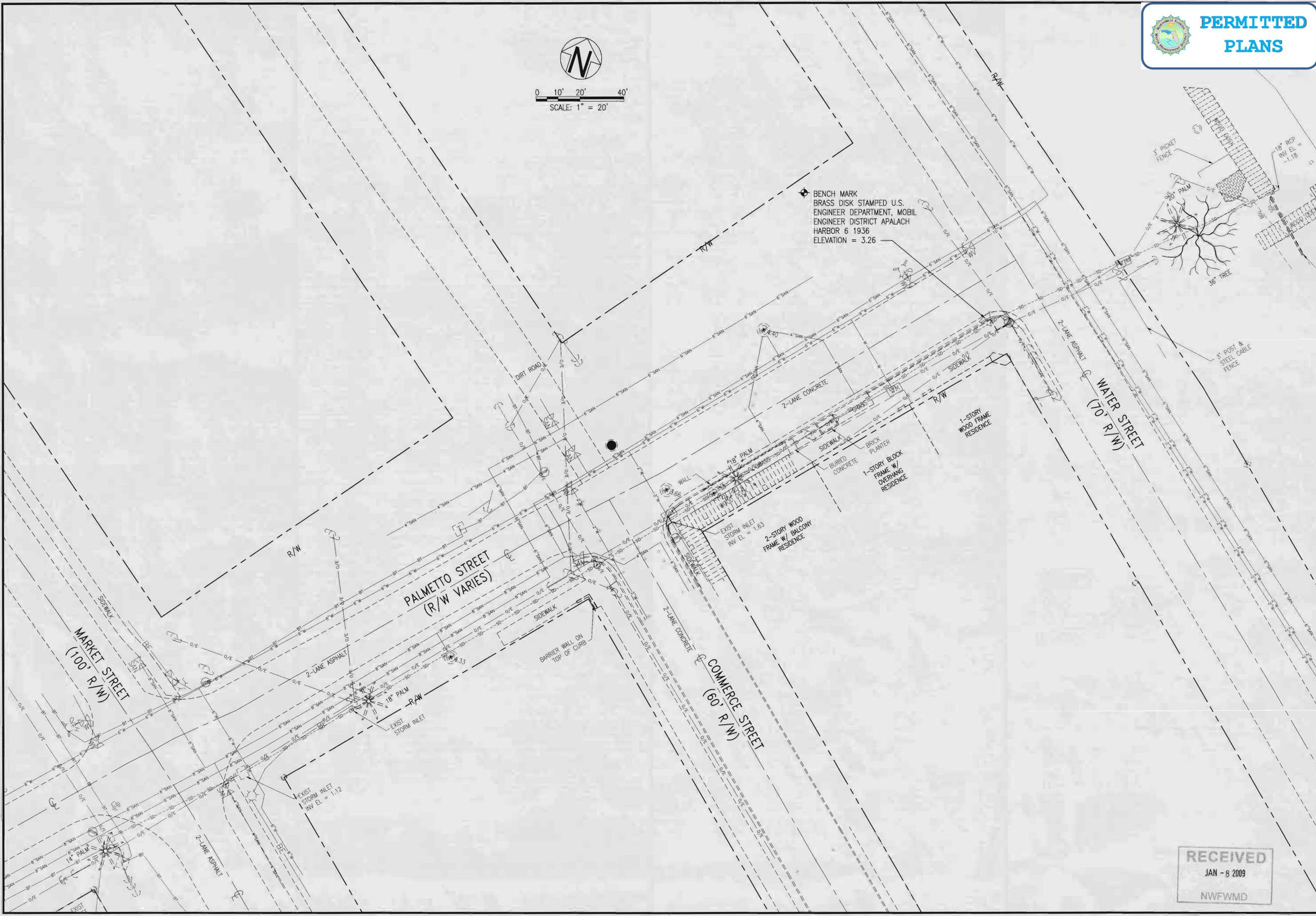
- G-000 COVER SHEET & INDEX
- G-001 GENERAL NOTES AND LEGEND
- C-100 EXISTING CONDITIONS PLAN
- C-101 OVERALL PLAN
- C-102 DRAINAGE IMPROVEMENTS
- C-103 DRAINAGE IMPROVEMENTS
- C-104 DRAINAGE IMPROVEMENTS
- C-105 DRAINAGE IMPROVEMENTS
- C-900 DETAILS
- C-901 DETAILS

VICINITY MAP
NOT TO SCALE



JAN - 8 2009

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BENCH MARK
BRASS DISK STAMPED U.S.
ENGINEER DEPARTMENT, MOBIL
ENGINEER DISTRICT APALACH
HARBOR 6 1936
ELEVATION = 3.26



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**APALACHICOLA
STORM WATER
IMPROVEMENTS**

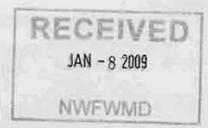
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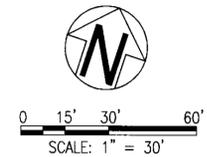
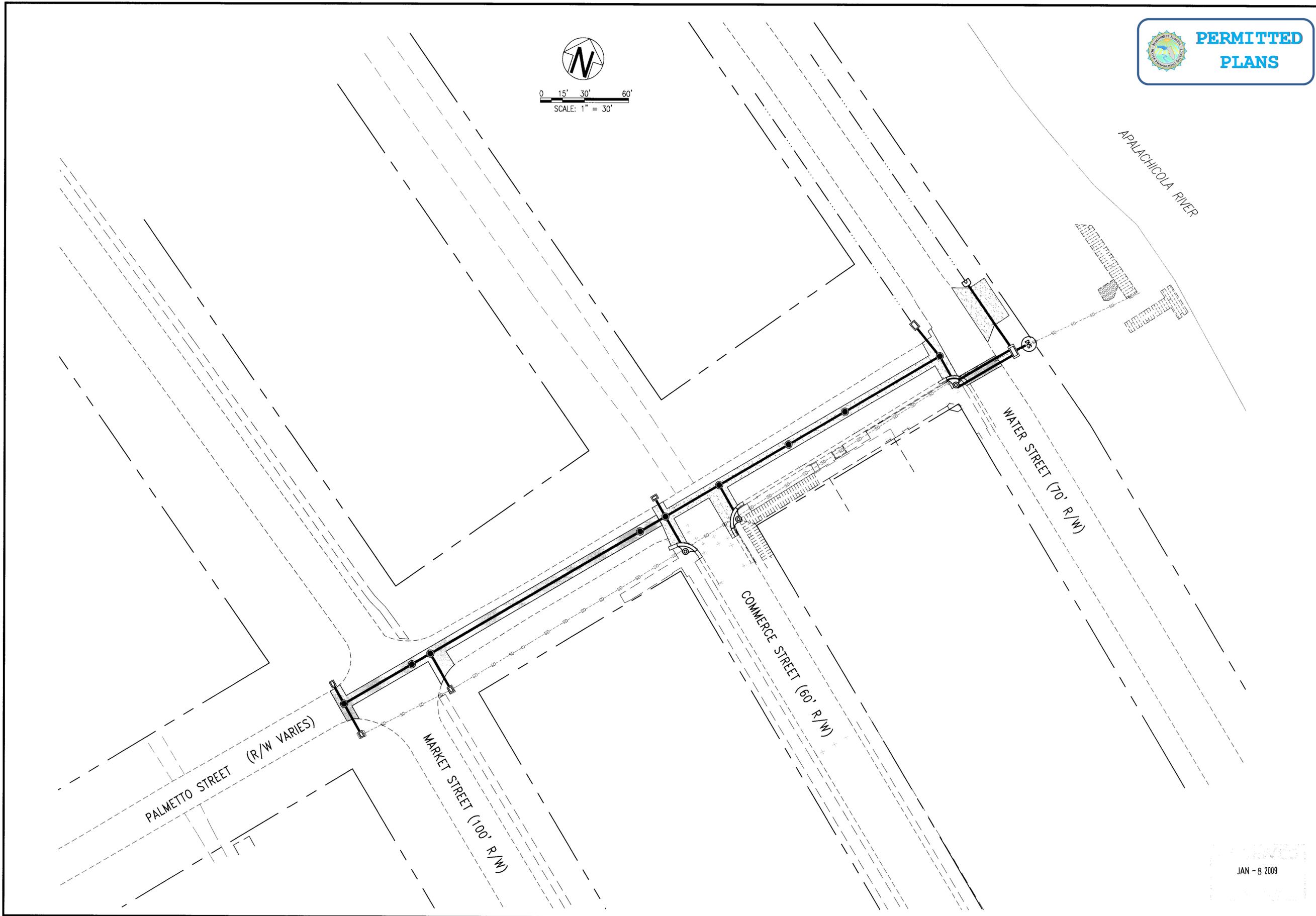
PROJECT NO: 18453.02
DESIGNED BY:
DRAWN BY:
CHK'D BY:
PROJ. MGR: R. ROGERS
DATE: DECEMBER 2008

**EXISTING CONDITIONS
PLAN**

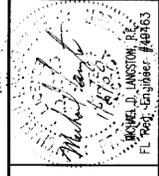
C-100



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 ENGINEERING BUSINESS: ER-0000340



APALACHICOLA STORM WATER IMPROVEMENTS

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PROJECT NO: 18453.02
 DESIGNED BY:
 DRAWN BY:
 PROJ. MGR.: R. ROGERS
 DATE: DECEMBER 2008

OVERALL PLAN

C-101

JAN - 8 2009

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 ENGINEERING BUSINESS: EF-00002

[Professional Engineer Seal]
 C. MURPHY, P.E.
 License No. 10000
 State of Florida

**APALACHICOLA
 STORM WATER
 IMPROVEMENTS**

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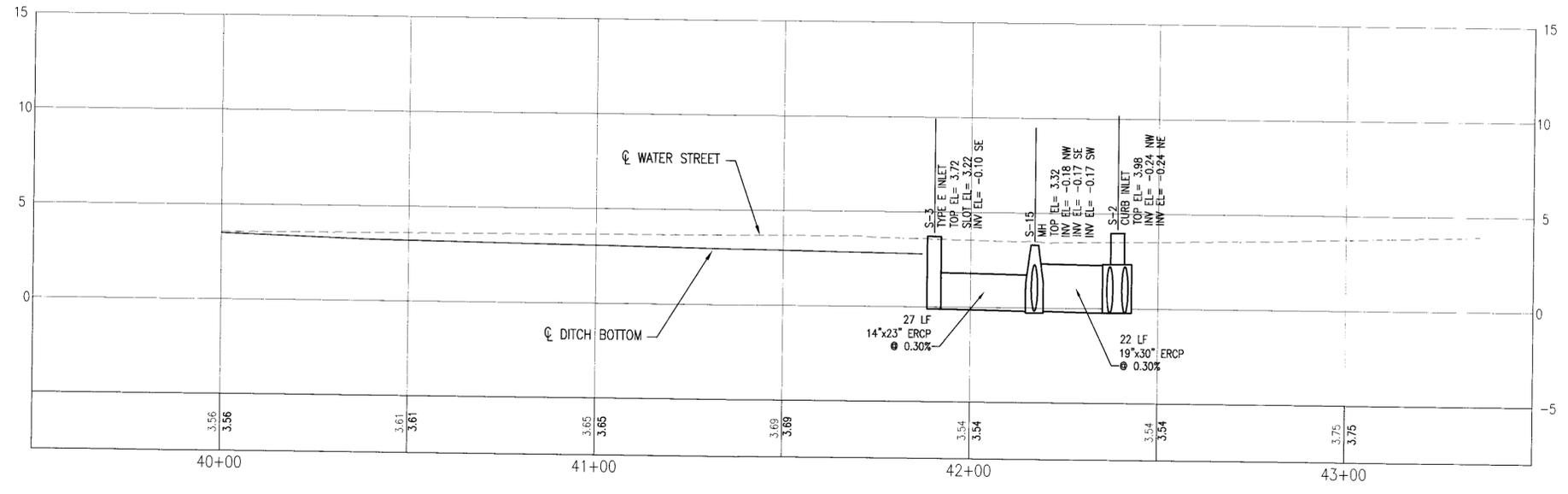
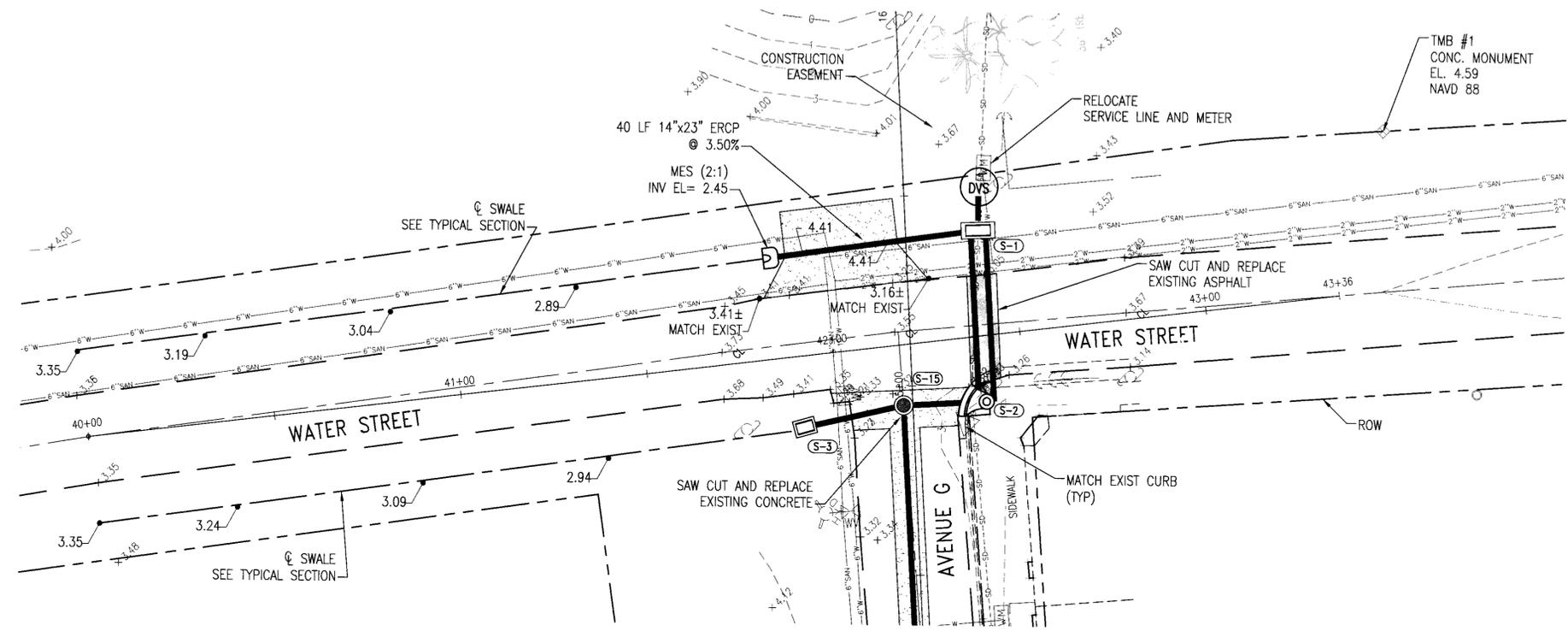
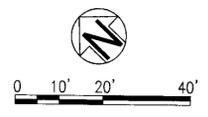
NOT RELEASED FOR CONSTRUCTION

BY: R. ROGERS
 DATE: DECEMBER 2008

PROJECT NO: **18453.02**
 DESIGNED BY:
 DRAWN BY:
 CHK'D BY:
 PROJ. MGR.: R. ROGERS
 DATE: DECEMBER 2008

**DRAINAGE
 IMPROVEMENTS**

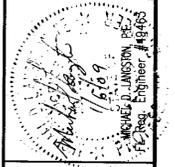
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 ENGINEERING BUSINESS: EB-000034



APALACHICOLA STORM WATER IMPROVEMENTS

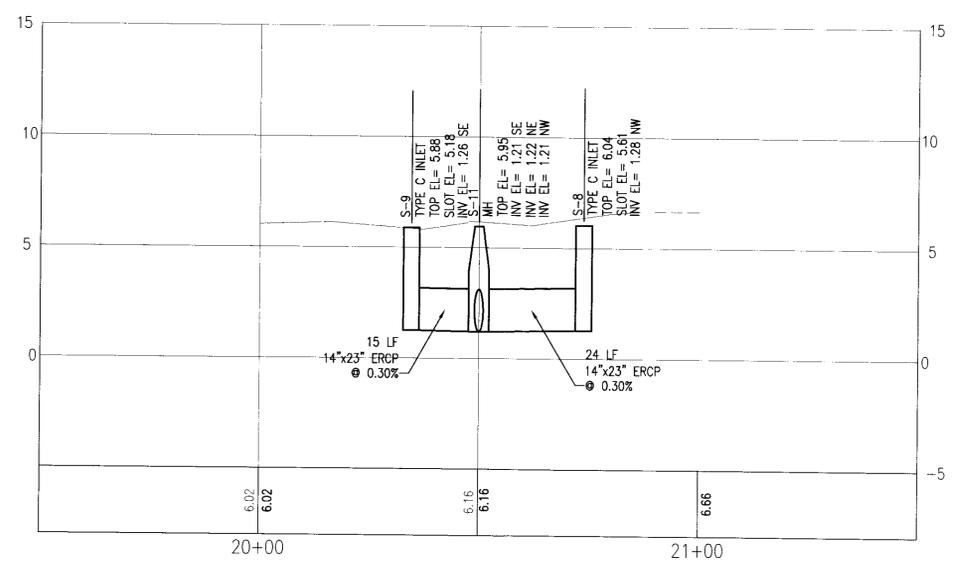
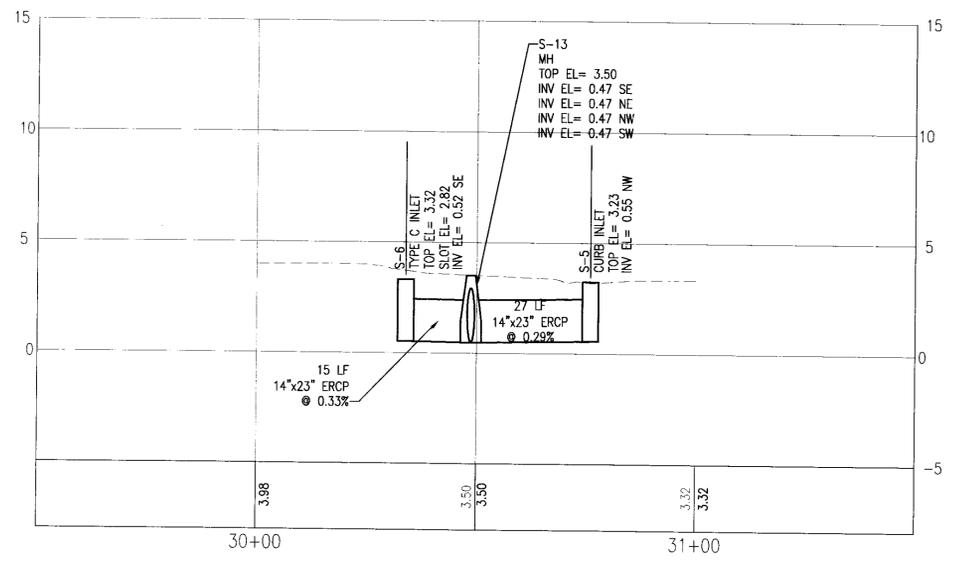
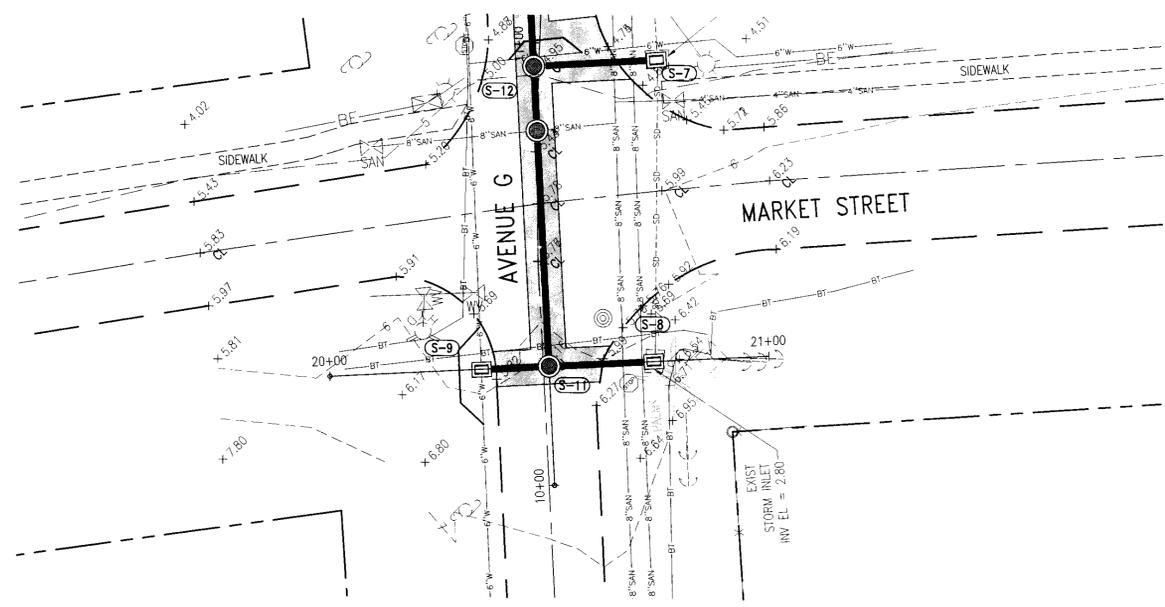
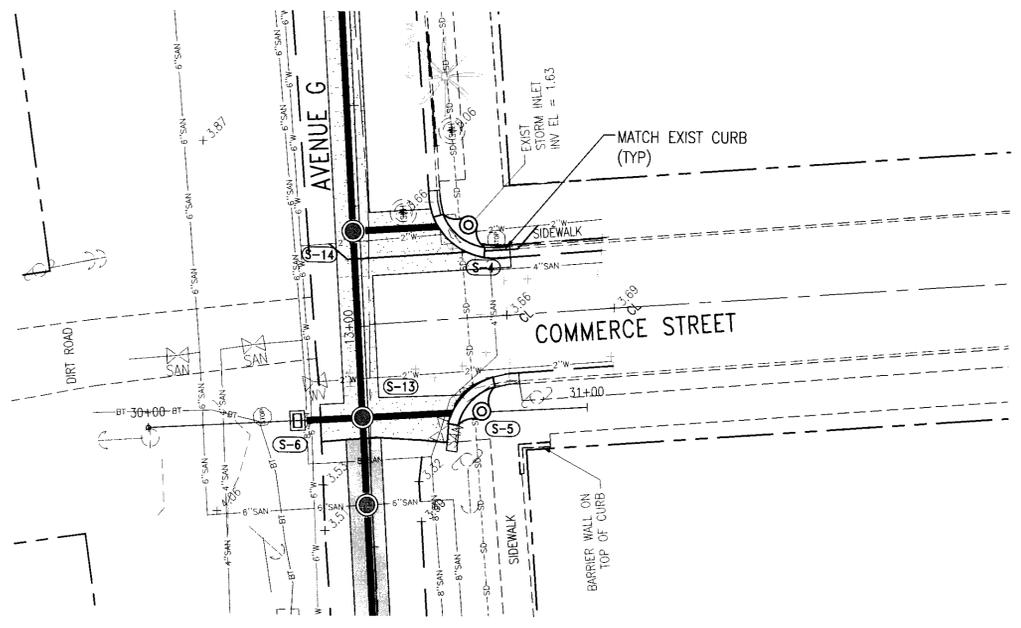
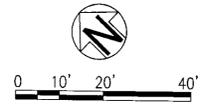
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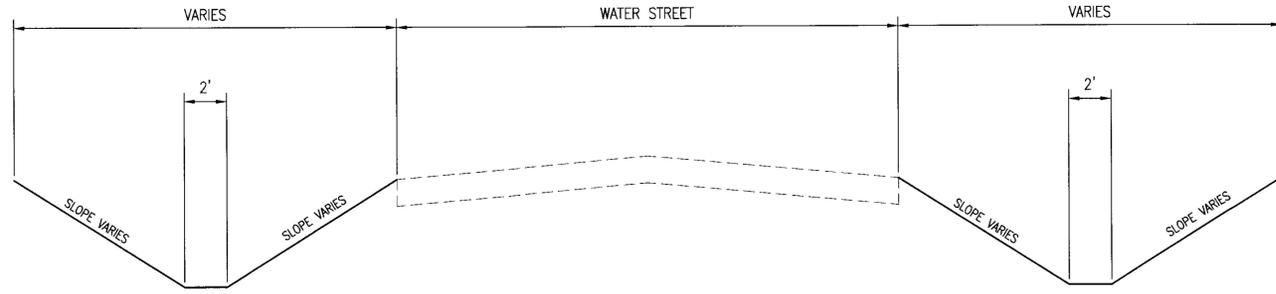
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PROJECT NO: 18453.02
 DESIGNED BY:
 DRAWN BY:
 CHK'D BY:
 PROD. MGR: R. ROGERS
 DATE: DECEMBER 2008

DRAINAGE IMPROVEMENTS



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**PERMITTED
PLANS**

BASKERVILLE-DONOVAN, INC.
 INNOVATIVE INFRASTRUCTURE SOLUTIONS
 PANAMA CITY ■ PANAMA CITY ■ TALLAHASSEE
 MOBILE ■ BREVARD ■ SAFASOTA
 22219 PANAMA CITY BRANCH PARKWAY
 PANAMA CITY BEACH, FLORIDA 32413 (850)230-6160
 ENGINEERING BUSINESS: EB-0000840

Handwritten signature
 1/8/09
 WENDE J. JANSON, P.E.
 FL Reg. Engineer #49463

**APALACHICOLA
 STORM WATER
 IMPROVEMENTS**

NO.	DATE	APPR.	REVISION/ACTION TAKEN

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 PROJ. MGR: R. ROGERS
 DATE: DECEMBER 2008

**DRAINAGE
 IMPROVEMENTS**

C-105

JAN - 8 2009

BASKERVILLE-DONOVAN, INC.
 INNOVATIVE INFRASTRUCTURE SOLUTIONS
 PANAMA CITY, FLORIDA
 PANAMA CITY BRANCH
 SUITE 200
 22210 PANAMA CITY BEACH, FLORIDA 32414
 PANAMA CITY BRANCH, FLORIDA 32414
 ENGINEERING BUSINESS

APALACHICOLA
 STORM WATER
 IMPROVEMENTS

REVISION/ACTION TAKEN

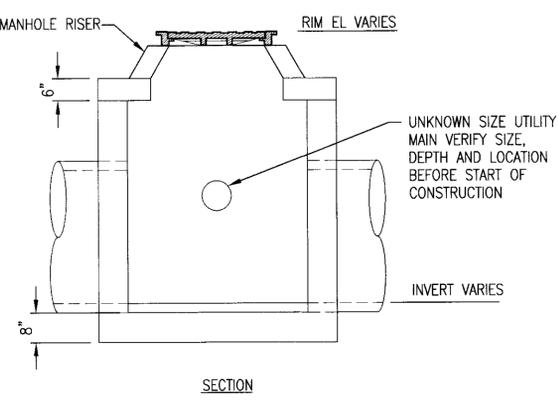
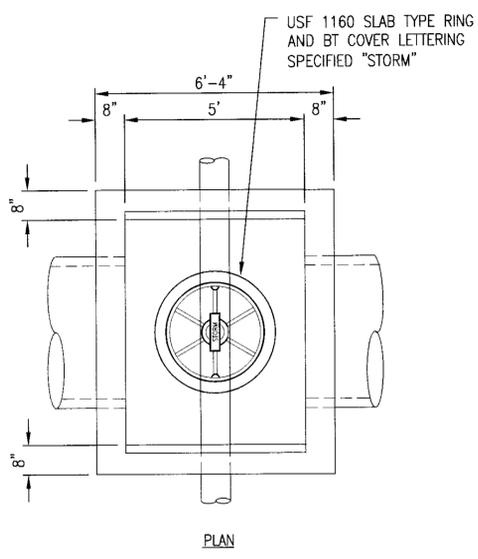
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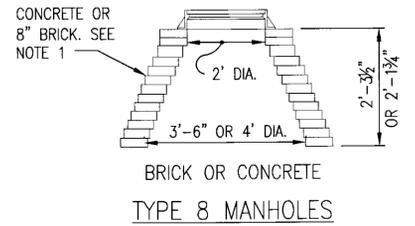
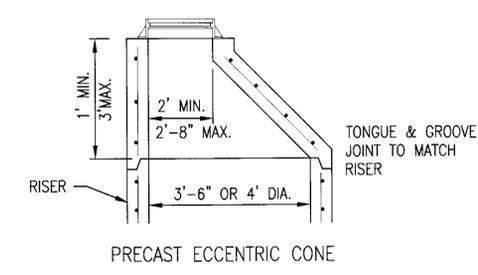
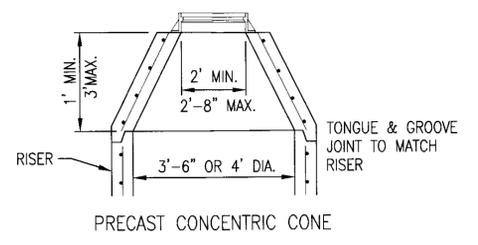
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DETAILS

C-900



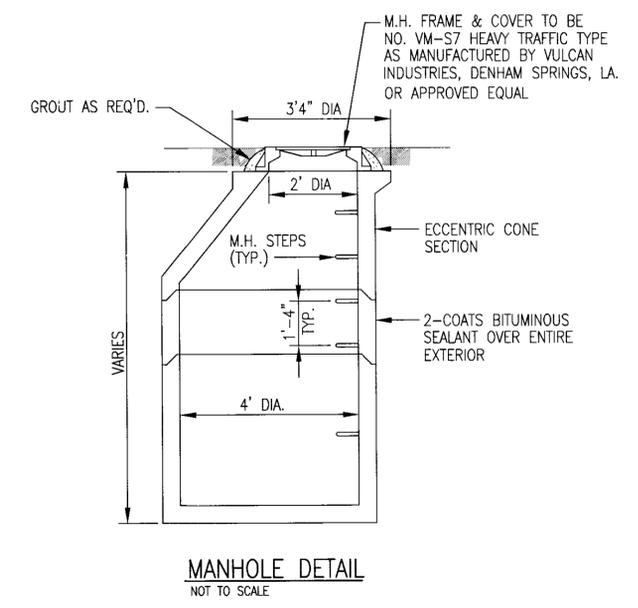
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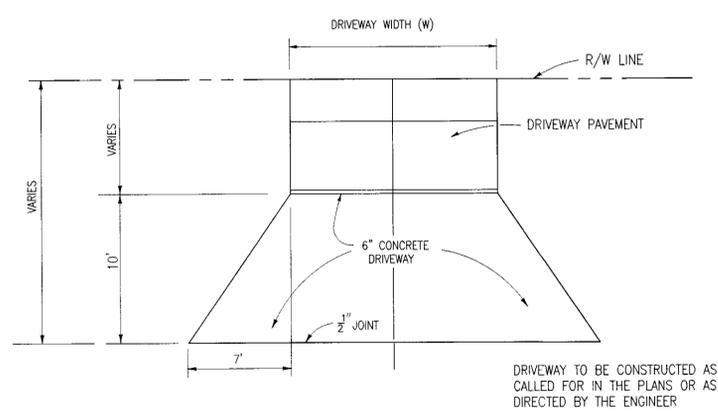
NOTES (TOPS)

1. MANHOLE TOP TYPE 8 MAY BE OF CAST-IN-PLACE OR PRECAST CONCRETE CONSTRUCTION OR BRICK CONSTRUCTION. FOR CONCRETE CONSTRUCTION, THE CONCRETE AND STEEL REINFORCEMENT SHALL BE THE SAME AS THE SUPPORTING WALL UNIT. AN ECCENTRIC CONE MAY BE USED.
2. MANHOLE TOPS SHALL BE SECURED TO STRUCTURES BY OPTIONAL CONSTRUCTION JOINTS AS SHOWN.

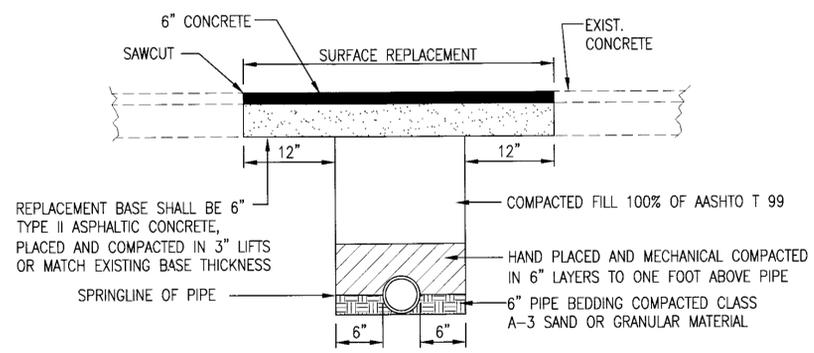
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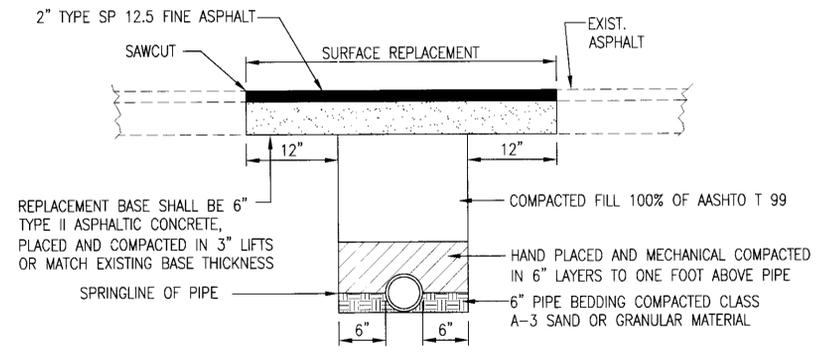
MANHOLE DETAIL
NOT TO SCALE



STANDARD CONCRETE DRIVEWAY SECTION WITHOUT CURB
NOT TO SCALE



CONCRETE LATERAL PAVEMENT PATCH DETAIL
NOT TO SCALE



ASPHALT LATERAL PAVEMENT PATCH DETAIL
NOT TO SCALE

JAN - 8 2009

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BASKERVILLE-DONOVAN, INC.
 INNOVATIVE INFRASTRUCTURE SOLUTIONS
 MOBILE, ALABAMA
 PANAMA CITY, FLORIDA
 SARASOTA, FLORIDA
 22219 PANAMA CITY BEACH PARKWAY
 PANAMA CITY BEACH, FLORIDA 32413 (850)200-0000
 ENGINEERING BUSINESS: FB-0000340

APALACHICOLA STORM WATER IMPROVEMENTS

NO. DATE APPR. REVISION/ACTION TAKEN

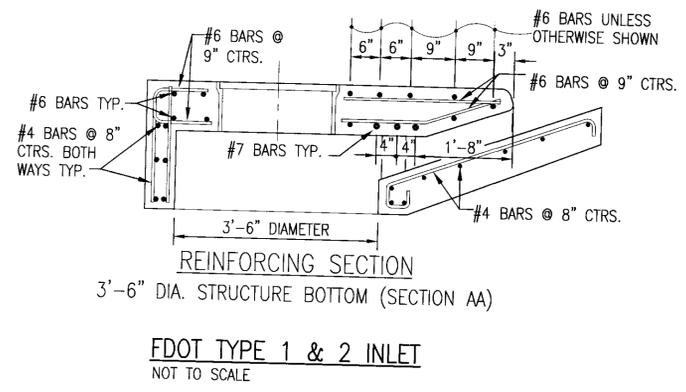
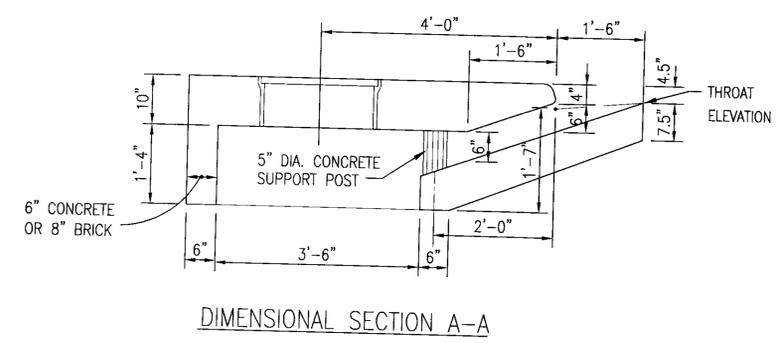
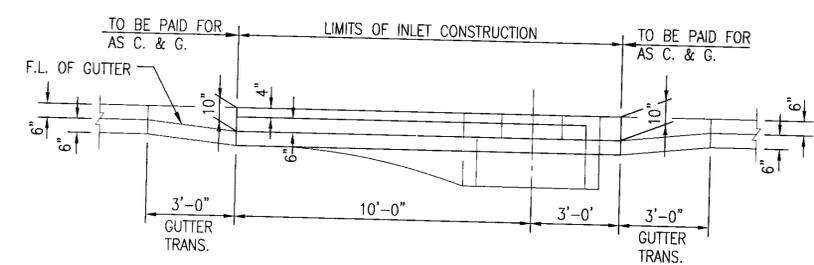
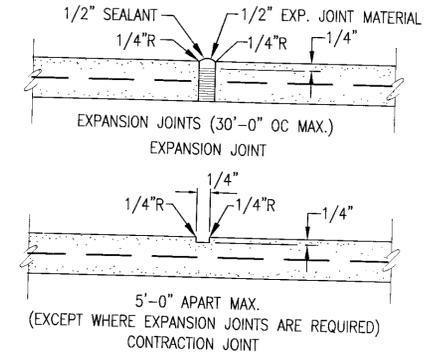
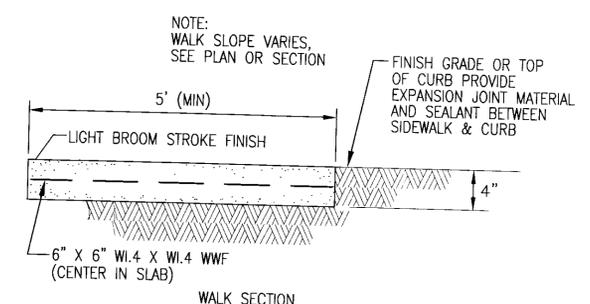
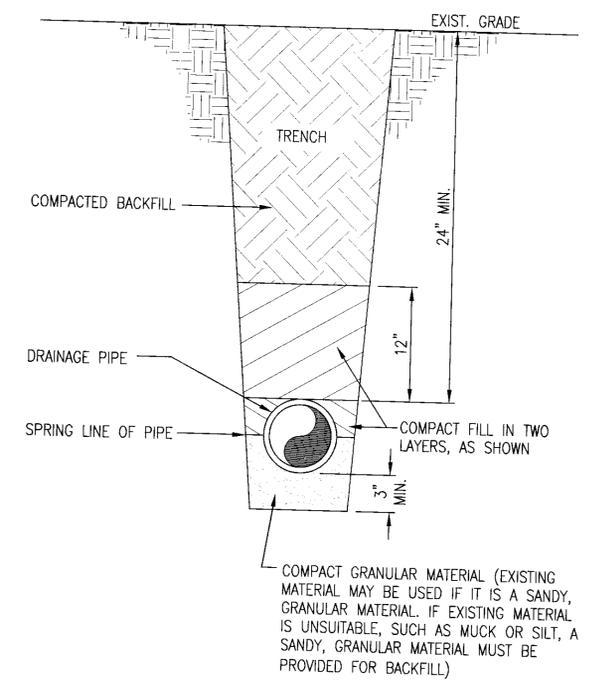
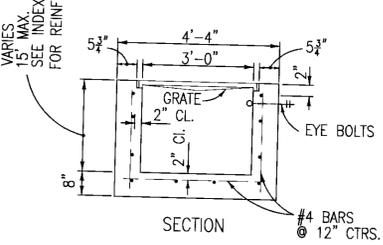
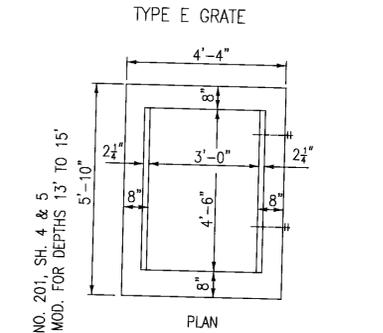
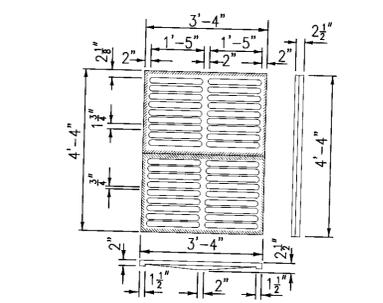
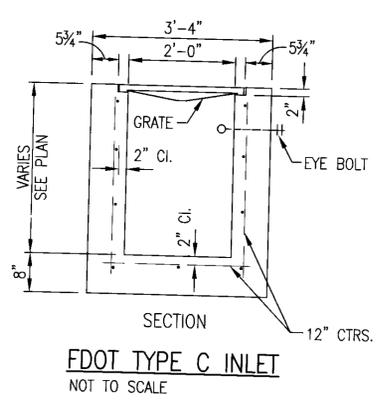
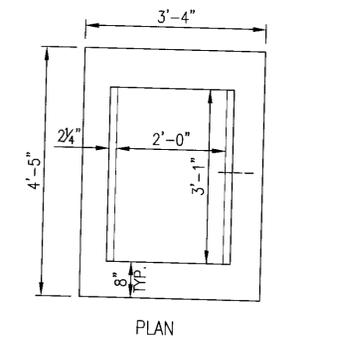
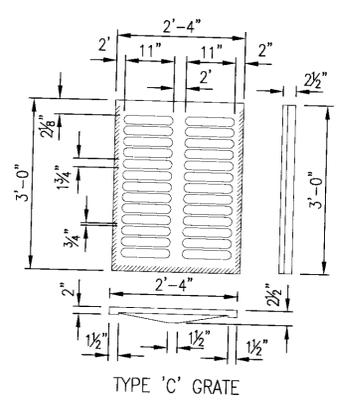
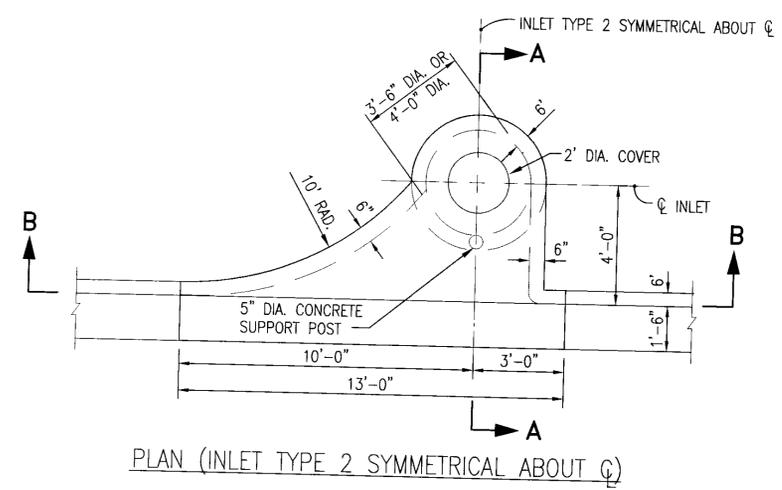
PROJECT NO: 18453.02
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 CHK'D BY:
 PROJ. MGR.: R. ROGERS
 DATE: DECEMBER 2008

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DETAILS

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TRO JB

TRO JunglBrannen

CONSULTANTS



203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

GENERAL NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF APALACHICOLA DESIGN STANDARDS AND STANDARD SPECIFICATIONS FOR CONSTRUCTION, UNLESS OTHERWISE STATED OR SHOWN IN THE PLANS.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH FRANKLIN COUNTY STANDARDS AND SPECIFICATIONS, UNLESS OTHERWISE APPROVED BY THE COUNTY.
3. WHERE THE CITY DESIGN STANDARDS DIFFER FROM THE FRANKLIN COUNTY STANDARDS, THE MORE STRINGENT STANDARD SHALL APPLY, UNLESS APPROVED BY THE COUNTY.
4. ALL PROPOSED GROUND ELEVATIONS ARE FINISHED SOD ELEVATIONS. FINISH EARTHWORK GRADING SHALL BE 0.2 FEET BELOW ELEVATIONS SHOWN TO ALLOW FOR SOD THICKNESS.
5. SODDING INCLUDES MAINTAINING SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED, WHICHEVER COMES LAST. UNTIL THEN, ALL EROSION, SILTATION AND MAINTENANCE OF GRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.
6. WHERE EXCAVATIONS ARE IN CLOSE PROXIMITY OF TREES NOT SHOWN AS BEING REMOVED, THE CONTRACTOR SHALL USE EXTREME CARE IN NOT DAMAGING THE ROOT SYSTEM. NO EQUIPMENT, SUPPLIES, OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE DRIP LINE OF TREES TO REMAIN AND BE PRESERVED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL EMPLOYEES AND SUBCONTRACTORS OF THIS REQUIREMENT AND TO ENFORCE SAME.
7. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (800-432-4770) AND UTILITY OWNERS LISTED BELOW AT LEAST TWO (2) FULL BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE. THE CONTRACTOR SHALL WAIT THE REQUIRED TIME FOR BURIED UTILITIES TO BE LOCATED AND MARKED. THE CONTRACTOR SHALL PROTECT THE MARKS DURING CONSTRUCTION. IF THE MARKS ARE DESTROYED, THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL FLORIDA AGAIN. THE CONTRACTOR SHALL DIG SAFELY, USING EXTREME CAUTION, WHEN DIGGING WITHIN 36 INCHES ON EITHER SIDE OF THE MARKS TO AVOID HITTING THE BURIED UTILITY LINES.
8. PROPOSED CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA), THE ADA COMPLIANCE HANDBOOK, LATEST EDITION, AND THE FLORIDA ACCESSIBILITY CODE. SIDEWALK CONSTRUCTION AND EXPANSION JOINT SPACING SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARD INDEX 310.
9. ALL INLETS SHALL BE PROTECTED AS PER FDEP BEST MANAGEMENT PRACTICES, AND THE FDEP/FDOT EROSION AND SEDIMENT CONTROL HANDBOOK.
10. THE CONTRACTOR SHALL PROTECT ALL GRASSED AREAS FROM DISCARDED CONCRETE AND EXCESS MATERIALS. ALL DISCARDED CONCRETE AND EXCESS MATERIALS SHALL BE REMOVED FROM THE RIGHT-OF-WAY (OR JOB SITE) ON A DAILY BASIS.
11. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION (STREET SIGNS) VISIBLE DURING CONSTRUCTION OPERATIONS. IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
12. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH MATERIALS FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY TO THE PROJECT ADMINISTRATOR. THE CONTRACTOR SHALL PROVIDE THE PROJECT ADMINISTRATOR WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE ENGINEER SHALL COORDINATE WITH THE PROJECT ADMINISTRATOR PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. SINCE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
13. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT SHALL IMMEDIATELY BE REPORTED TO THE ENGINEER WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER IS TO NOTIFY THE PROJECT ADMINISTRATOR OF DISCOVERY. THE PROJECT ADMINISTRATOR WILL ARRANGE AN INVESTIGATION, IDENTIFICATION AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE ENGINEER. THE PROJECT ADMINISTRATOR WILL ADVISE THE ENGINEER.
14. THE CONTRACTOR SHALL DISPOSE OF ALL DEBRIS UPON COMPLETION OF THE PROJECT.
15. THE EROSION CONTROL PLAN SHALL BE IN ACCORDANCE WITH THE FDOT/FDEP EROSION & SEDIMENT CONTROL HANDBOOK.
16. ALL FILL MATERIAL SHALL BE SELECT FILL AS DEFINED BY FDOT DESIGN STANDARD INDEX 505 AND THE GEOTECHNICAL REPORT'S RECOMMENDATIONS.
17. CONTRACTOR SHALL NOTIFY ALL ADJACENT PROPERTY OWNERS, IF THEIR LANDSCAPING IS TO BE REMOVED, TO COORDINATE THE REMOVAL AND POSSIBLE RELOCATION.
18. DEWATERING: SHOULD LOWERING OF GROUNDWATER BE NECESSARY FOR THE INSTALLATION OF CONCRETE STRUCTURES, OR TO PREVENT LATERAL MOVEMENT OF CONCRETE ALREADY PLACED, SUCH LOWERING SHALL BE ACCOMPLISHED BY MEANS OF A WELL POINT SYSTEM OR OTHER APPROVED MEANS, AT CONTRACTOR'S EXPENSE. COMPREHENSIVE PLANS FOR DEWATERING OPERATIONS, IF USED, SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITTING ASSOCIATED WITH DEWATERING.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING NPDES PERMIT.
20. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY METERS, VALVES, SERVICE LATERALS, FIRE HYDRANTS, MAINS, WATER, WASTEWATER, OR GAS FACILITIES DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST.
21. SWEEPING SHALL OCCUR DAILY OR IMMEDIATELY AFTER SUCH EVENTS THAT CAUSE TRACKING ONTO STREET.
22. ALL SIGNAGE IMPACTED BY CONSTRUCTION ACTIVITIES SHALL BE RELOCATED BY CONTRACTOR AT NO ADDITIONAL COST.
23. ANY SIGNS DAMAGED BY THE CONTRACTOR OR STOCKPILED BY THE CONTRACTOR THAT BECOME DAMAGED SHALL BE REPLACED.
24. ALL FINAL PROPOSED STRIPING AND MESSAGES SHALL BE THERMOPLASTIC. TEMPORARY STRIPING SHALL BE PAINT.
25. ALL PROPOSED INLETS SHALL HAVE 12" SUMP BOTTOMS .OPEN BOTTOMS SHALL NOT BE ALLOWED IN AREAS WHERE HIGH GROUNDWATER EXISTS.
26. ALL MAILBOXES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.
27. CONTRACTOR SHALL PROVIDE SIX (6) SETS OF AS-BUILT DRAWINGS AND ONE (1) DIGITAL COPY IN AUTOCAD FORMAT OF THE COMPLETED PROJECT. THE AS BUILT DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED SURVEYOR.
28. PROPOSED FINISHED FLOOR ELEVATIONS SHALL BE ONE (1) FOOT MINIMUM ABOVE THE CENTERLINE OF ADJACENT ROADWAYS, UNLESS OTHERWISE SPECIFIED ON PLANS.
29. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS.
30. WATER MAINS AND SEWER FORCE MAINS SHALL BE FLUSHED FOR A DURATION OF AT LEAST THAT AMOUNT OF TIME NEEDED TO FLUSH FIVE TIMES THE PIPE VOLUME AFTER 3 FPS VELOCITY IS REACHED OR UNTIL CLEAR, WHICHEVER IS GREATER. MAXIMUM LENGTH OF PIPE BETWEEN FLUSHING ASSEMBLIES SHALL BE 5,000 FEET.
31. ALL ABANDONED UTILITIES SHALL BE REMOVED FROM THE GROUND, NOT ABANDONED IN PLACE, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

CONSTRUCTION SEQUENCE AND BMP'S

- 1. CONTRACTOR SHALL NOTIFY CITY OF APALACHICOLA PUBLIC WORKS A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, INCLUDING LAND CLEARING. (850) 653-1522.
2. THE INITIAL PART OF THE CONSTRUCTION PROCESS SHALL BE THE INSTALLATION OF SILT FENCE AROUND THE PERIMETER OF THE AREA THAT IS TO BE DISTURBED TO ENSURE NO TURBID RUNOFF LEAVES THE CONSTRUCTION SITE. THE SILT FENCE SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS. IF THERE IS A POSSIBILITY OF RUNOFF TO A WATER BODY, TURBIDITY CURTAIN SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS. THE SECOND STEP SHALL BE THE INSTALLATION OF THE CONSTRUCTION ENTRANCE AND DEMOLITION OF ANY EXISTING IMPROVEMENTS AS NEEDED (SEE DEMOLITION PLAN). THE THIRD STEP SHALL BE TO CLEAR AND GRUB AREAS WHERE IMPROVEMENTS ARE TO BE INSTALLED. AS FILL IS BROUGHT INTO THE SITE, THE STORM WATER BASIN SHOULD BE CREATED TO CAPTURE ANY OVERLAND FLOW AND ACT AS A SEDIMENT TRAP. IT IS RECOMMENDED THAT THE BASIN BE CONSTRUCTED APPROXIMATELY 1/2' HIGHER THAN DESIGN AT THIS POINT TO ENSURE ALL SILTS AND FINES ARE REMOVED AT THE TIME OF FINAL GRADING OF THE STORM WATER BASIN.
3. TYPICALLY, THE SANITARY SEWER, STORM SEWER, AND WATER MAINS ARE INSTALLED RESPECTIVELY. UPON INSTALLATION OF THE STORM SEWER, HAY BALES AND FILTER FABRICS SHALL BE USED AT ALL INLET OPENINGS PER THE CONSTRUCTION DETAILS TO KEEP THE SYSTEM FREE OF SEDIMENTS DURING THE CONSTRUCTION PHASE. DEPENDING ON SITE CONDITIONS AND SIZE, SEDIMENT TRAPS SHALL BE UTILIZED TO PREVENT TURBID RUNOFF FROM LEAVING THE SITE (SEE EROSION CONTROL PLAN).
4. SITE STABILIZATION SHALL BE PROVIDED AS SOON AS THE GRADING WILL ALLOW IN ORDER TO STOP EROSION AND REDUCE TURBID RUNOFF. SEEDING SODDING, OR HYDROSEEDING SHALL BE USED WHEN FINAL GRADES ARE ESTABLISHED.
5. EROSION CONTROL MEASURES SHALL BE UTILIZED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT AND BE MANAGED IN ACCORDANCE WITH THE STATE NPDES PROGRAM.
6. THE DESIGN OF THE STORM WATER MANAGEMENT SYSTEM FOR THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT.

UNLAWFUL DISPOSAL OF WASTE, FAILURE TO DELIVER WASTE

- 1. NO SOLID OR OTHER CONSTRUCTION WASTE SHALL BE DUMPED OR BURIED ON PROJECT SITE OR PUBLIC OR PRIVATE PROPERTY. SOLID WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS.

SPECIAL NOTES

- 1. CONTRACTOR SHALL COMPLY WITH THE CITY OF APALACHICOLA ORDANANCE 2011-01 "TREE ORDANANCE" INCLUDING SECTION VI FOR TREE PROTECTION DURING CONSTRUCTION.

UTILITY GENERAL NOTES:

- 1. ALL MAINS SHALL BE INSTALLED ACCORDING TO ENGINEERING PLANS AND SPECIFICATIONS AND IN ACCORDANCE WITH FRANKLIN COUNTY AND CITY OF APALACHICOLA STANDARDS AND SPECIFICATIONS.
2. ALL VALVES AND MATERIALS SHALL COMPLY WITH AWWA (AMERICAN WATER WORKS ASSOCIATION) STANDARDS, LATEST EDITION.
3. ALL MAIN LINE VALVES SHALL BE RESILIENT SEATED GATE VALVES.
4. THE CONTRACTOR WILL BE REQUIRED TO REMOVE & REPLACE ITEMS ENCOUNTERED IN THE FIELD, ie SIGNS, FENCING, POST, etc..
5. MAINS SHALL HAVE A MINIMUM OF 36" COVER UNLESS APPROVED BY ENGINEER.
6. CONTRACTOR IS TO FURNISH "AS BUILT PLANS" INDICATING LOCATIONS OF ALL FITTINGS, VALVES, AND DEAD END RUNS WITH THREE (3) PHYSICAL FEATURES (LOT CORNERS, TREES, ETC.)
7. ALL WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C651. PRESSURE TESTING SHALL BE IN ACCORDANCE WITH AWWA C600.
8. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ENGINEER 48 HOURS PRIOR TO PRESSURE TESTING, DISINFECTION, AND BACTERIOLOGICAL TESTING. PRESSURE TESTING SHALL BE VALVE TO VALVE. CONTRACTOR SHALL USE 2" AIR RELEASE VALVE PORTS OR SHALL TAP THE WATER MAIN WITH A 1" TAPPING SADDLE.
9. BASE AND BACKFILL MATERIALS SHALL BE EITHER OF THE SAME TYPE AND COMPOSITION AS THE MATERIALS REMOVED, OR OF EQUAL OR GREATER STRUCTURAL ADEQUACY. MATERIALS CONTAMINATED WITH DELETERIOUS SUBSTANCES DURING EXCAVATION SHALL NOT BE USED FOR FILL.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FITTINGS, TAPS, EQUIPMENT AS REQUIRED FOR FLUSHING SYSTEM. PRESSURE TESTING, DISINFECTION, AND BACTERIOLOGICAL TESTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF EXISTING UTILITIES, AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK, AND TAKE WHATEVER STEP NECESSARY TO PROVIDE FOR THEIR PROTECTION.
12. UTILITIES SHOWN ON THE PLAN MAY NOT BE ACCURATE AND ALL UTILITIES MAY NOT BE SHOWN.
13. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS 48 HOURS PRIOR TO COMMENCING CONSTRUCTION AND SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
14. ALL VALVE BOXES SHALL BE INSTALLED PER DETAIL SHOWN. PRE-CAST VALVE PADS SHALL NOT BE USED. ALL VALVE BOX RISERS SHALL BE DUCTILE IRON, NOT PVC.
15. ALL PAVEMENT SHALL BE CUT AND PATCHED IN ACCORDANCE WITH ENGINEERING PLANS AND SPECIFICATIONS.
16. ALL CONCRETE ENCASED DUCTILE IRON SHALL BE WRAPPED WITH A PLASTIC MATERIAL AND TAPED TOGETHER BEFORE CONCRETE IS PLACED AROUND THE PIPE.
17. WHERE THERE IS LESS THAN 12" CLEARANCE BETWEEN PVC/DI PIPE AND OTHER PIPE OR SPECIFIED AREAS, THE PIPE SHALL BE ENCASED WITH 6" THICKNESS AROUND THE PIPE AND 6" CLEARANCE EACH WAY IN THE AXIAL DIRECTION.
18. THE CONTRACTOR SHALL REMOVE AND REPLACE, TO THEIR ORIGINAL NATURE, ALL DISTURBED MATERIALS OR OBJECTS WITHIN THE PATH OF THE NEW UTILITIES AS NECESSARY. ALL REPLACED MATERIALS SHALL BE EQUAL OR BETTER AND SHALL BE APPROVED BY THE ENGINEER. THIS INCLUDES ALL LANDSCAPING WITHIN THE RIGHT OF WAY IN THE PATH OF THE NEW UTILITIES.
19. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. THE SURVEY MAY NOT SHOW ALL OBJECTS WITHIN THE PATH OF THE NEW UTILITIES. IF OBJECTS ARE NOT SHOWN ON THE SURVEY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN 7 DAYS PRIOR TO THE BID DATE. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL OBJECTS NOT SHOWN ON THE SURVEY.
20. ALL CONSTRUCTION AREAS NEAR WETLANDS ARE TO BE MONITORED CLOSELY FOR EROSION. SILT FENCE AND HAY BALES SHALL BE USED IN THESE AREAS. CONTRACTOR SHALL FOLLOW ALL THE FDEP/COE DREDGE AND FILL PERMIT REQUIREMENTS IF APPLICABLE. SEE SPECIFICATIONS.
21. ALL SPOIL MATERIAL SHALL BE PLACED ON THE UPLAND SIDE OF ANY SLOPED CONSTRUCTION AREA.
22. THE CONTRACTOR SHALL TAKE WHATEVER STEPS NECESSARY TO PREVENT EROSION INTO NEARBY WETLANDS.
23. THE CONTRACTOR SHALL USE RESTRAINED JOINT PIPE FOR ALL BENDS, TEES, VALVES, AND TRANSITION FITTINGS.
24. INSULATED 10 GA. LOCATING WIRE SHALL BE INSTALLED ON TOP OF ALL NON-METALIC PIPE, WHICH INCLUDES SERVICE CONNECTIONS. ALL LOCATING WIRE SHALL BE CONNECTED AND SHALL TERMINATE IN VALVE BOXES AND METER BOXES AS SHOWN IN THE DETAILS.
25. ALL PIPE SHALL BE INSTALLED IN DRY CONDITIONS. WELL POINTING MAY BE REQUIRED AT THE DIRECTION OF THE ENGINEER. WELL POINTS OR SOCK PIPE MAY BE USED.
26. THE FLUSHING VELOCITY SHALL BE A MINIMUM OF 3 FEET PER SECOND FOR 3 TIMES THE PIPE VOLUME. THE OWNER WILL PAY FOR THE FIRST FLUSH AND PRESSURE TEST WATER. THE CONTRACTOR WILL PAY FOR ANY WATER FOR ADDITIONAL REPAIRS, FLUSHING, AND TESTING. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY ABOVE GROUND OUTLETS AND VALVES FOR FLUSHING THE PIPES ON THIS PROJECT.
27. CONTRACTOR SHALL FOLLOW ALL OSHA REQUIREMENTS FOR CONSTRUCTION.
28. THE CONTRACTOR SHALL FOLLOW ALL CONDITIONS OF THE PERMIT REQUIREMENTS. SEE SPECIFICATIONS FOR COPY OF PERMITS.
29. ALL DISTURBED AREAS SHALL BE SODDED UNLESS OTHERWISE SPECIFIED IN THE PLANS.
30. A ONE FOOT STRIP OF SOD SHALL BE INSTALLED ON THE EDGE OF ALL ASPHALT OVERLAY AREAS AND AROUND ALL ABOVE GROUND CONCRETE STRUCTURES INCLUDING BUT NOT LIMITED TO VALVE PADS, BLOW OFF VAULTS, AND AIR RELEASE VAULTS.
31. CONTRACTOR SHALL PROVIDE ALL FITTINGS, SLEEVES AND TRANSITION ADAPTERS AS NECESSARY TO COMPLETE THIS PROJECT.
32. CONTRACTOR SHALL COMPLETE RESTORATION WITHIN 2 WEEKS OF SUCCESSFUL PIPE PRESSURE TESTING AT ANY GIVEN LOCATION. TEST SHALL BE PERFORMED VALVE TO VALVE WITHIN ONE WEEK OF COMPLETING THAT SECTION. PRESSURE TESTING SHALL TAKE PLACE EVERY 2 WEEKS DURING CONSTRUCTION FOR ANY PIPE INSTALLED IN THAT PERIOD.
33. THE LINING IN THE LIFT STATION WETWELL SHALL BE INSTALLED AT THE TIME THE WETWELL SECTIONS ARE BEING CAST.
34. GRAVITY SEWER MANHOLES LOCATED WITHIN PAVEMENT SHALL BE FLUSH WITH PROPOSED GRADE. GRAVITY SEWER MANHOLES LOCATED WITHIN GRASSED AREAS SHALL BE 3 INCHES ABOVE PROPOSED GRADE.
35. ALL DUCTILE IRON WATER MAIN SHALL BE RESTRAINED JOINT, CLASS 250 OR GREATER AND SHALL HAVE CEMENT LINING IN ACCORDANCE WITH AWWA C104.
36. ALL PVC PIPE SHALL BE DR 18, PRESSURE CLASS 235.
37. ALL FITTINGS LARGER THAN 3 INCHES IN DIAMETER SHALL BE RESTRAINED JOINT DUCTILE IRON, MANUFACTURED IN ACCORDANCE WITH ANSI / AWWA C110 / A21.10 OR C153 / A21.53 THE MINIMUM PRESSURE RATING FOR FITTINGS SHALL BE 250 PSI.
38. ALL WATER SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF 24 INCHES EXCEPT UNDER ROADWAYS. UNDER ROADWAYS, SERVICE LINE SHALL BE INSTALLED WITH A MINIMUM COVER OF 4 FEET AND SHALL BE PULLED THROUGH A CASING.
39. SANITARY SEWER MAINS SHALL BE PVC SDR 35 AND BE MANUFACTURED IN ACCORDANCE WITH ASTM D3034 AND ASTM D1784. JOINTS FOR PVC SEWER PIPE SHALL BE BELL AND SPIGOT CONFORMING TO ASTM D3212 USING FACTOR INSTALLED FLEXIBLE ELASTOMERIC SEALS.
40. PVC PIPE FITTINGS SHALL COMPLY WITH ASTM D3034, ASTM D3212 AND HAVE ELASTOMERIC SEALS CONFORMING TO ASTM F477.
41. ALL SEWER LATERALS SHALL BE LOCATED A MINIMUM OF 36 INCHES BELOW GRADE OR GREATER.
42. LONG RADIUS WYES OR TEES SHALL BE INSERTED INTO SEWER LINE TO PROVIDE SERVICE TO EACH PARCEL.
43. SEWER LINES SHALL BE INSPECTED BY CONTRACTOR BY PULLING 12 INCH LONG MANDREL THROUGH PIPE. PIPES 12 INCHES IN DIAMETER OR GREATER SHALL BE VIDEO INSPECTED AND DATA PROVIDED TO BAY COUNTY. CONTRACTOR SHALL INSPECT PIPE BETWEEN MANHOLES AND AT PROJECT COMPLETION.
44. SEWER PIPES SHALL BE TESTED USING EITHER INFILTRATION TEST OR LOW PRESSURE AIR TEST AND BY "FLASHING" THE LINES.
45. ALL UTILITY TESTING MUST BE WITNESSED BY CITY OF APALACHICOLA. CONTRACTOR SHALL NOTIFY THE CITY 24 HOURS (MINIMUM) IN ADVANCE OF TESTING.
46. ALL DRILLING AND TAPPING EQUIPMENT USED AND MATERIALS SUPPLIED TO MAKE TAPS SHALL BE IN ACCORDANCE WITH AWWA STANDARDS.
47. TRANSFER OF SERVICE: IMMEDIATELY BEFORE CONNECTING TO THE RELOCATED OR EXISTING METER, ALL SERVICE LINES SHALL BE FLUSHED TO REMOVE ANY FOREIGN MATTER. ANY SPECIAL FITTINGS REQUIRED TO RECONNECT THE EXISTING METER TO THE NEW SERVICE LINE, OR THE EXISTING SERVICE LINE, SHALL BE PROVIDED BY THE CONTRACTOR. TO MINIMIZE OUT OF SERVICE TIME, THE CONTRACTOR SHALL DETERMINE THE CONNECTIONS TO BE MADE AND HAVE ALL THE REQUIRED PIPE AND FITTINGS ON HAND BEFORE SHUTTING OFF THE EXISTING SERVICE. AFTER COMPLETING THE CONNECTION, THE NEW CORPORATION STOP SHALL BE OPENED AND ALL VISIBLE LEAKS REPAIRED.
48. BACKFLOW PREVENTERS SHALL BE PROVIDED ON ALL WATER SERVICES.
49. GPS COORDINATES SHALL BE PROVIDED FOR EACH SERVICE CONNECTION AND LATERAL.

GRAVITY SEWER INSTALLATION RELATED ITEMS:

- 1. ALL GRAVITY SEWER PIPE, MANHOLES, SERVICE LATERALS AND PIPE BEDDING SHALL BE INSTALLED ACCORDING TO ENGINEERING DRAWINGS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING SEWER MAINS AND SEWER LATERALS TO BE CONNECTED TO PRIOR TO CONSTRUCTION.
3. ALL GRAVITY SEWER PIPE SIZES 4" TO 15" AND DEPTHS UP TO 15 FEET SHALL BE PVC AND IN ACCORDANCE WITH ASTM D-3034-SDR26, UNLESS SPECIFIED OTHERWISE.
4. ALL SEWER SERVICE LATERAL CONNECTIONS SHALL BE INSTALLED A MINIMUM OF 5 FEET FROM THE NEAREST MANHOLE AND HAVE A 2 FEET MINIMUM SEPARATION BETWEEN MANHOLE. ALL SEWER SERVICE LATERALS CONNECTIONS TO NEW PVC SEWER PIPE SHALL BE MADE WITH GASKETED PVC TEE OR WYE FITTINGS. SADDLE CONNECTIONS SHALL NOT BE ALLOWED.
5. THE MINIMUM SEWER SERVICE LATERAL PIPE SLOPE SHALL BE AS FOLLOWS: 4 INCHES=2%; 6 INCHES=1%; 8 INCHES=0.5%.
6. LOCATOR TAPE SHALL BE INSTALLED 12" TO 18" ABOVE ALL GRAVITY SEWER MAINS AND SERVICE LATERALS AND LOCATOR TAPE SHALL BE MARKED "SANITARY SEWER BELOW".
7. ALL CONNECTIONS TO EXISTING SEWER MAINS AND LATERALS OF DISSIMILAR MATERIALS SHALL BE MADE WITH STRONG BACK FLEXIBLE REPAIR COUPLINGS.
8. MANHOLES SHALL BE A MINIMUM FOUR (4) FOOT DIAMETER AND CONSTRUCTED PER CITY OF QUINCY STANDARDS AND SPECIFICATIONS.
9. ALL MANHOLE BENCHES SHALL BE REPAIRED OR REPLACED AS NECESSARY TO HAVE SMOOTH TRANSITIONS THROUGH MANHOLE.
10. ALL GRAVITY SEWER PIPE (MAINS AND LATERALS) SHALL HAVE AIR TEST AND COLOR CCTV INSPECTION COMPLETED AND APPROVED BY THE ENGINEER PRIOR TO FINALIZING FINISH GRADE WITH SEED, SOD OR PAVEMENT.
11. CCTV INSPECTIONS SHALL BE COMPLETED IMMEDIATELY AFTER FLUSHING WITH CLEAN WATER. ANY DEBRIS ENCOUNTERED WILL RESULT IN A FAILED INSPECTION AND PRESSURE TEST.
12. GRAVITY SEWER PIPE SAGS SHALL NOT EXCEED MORE THAN 10% OF THE PIPE DIAMETER.

SPECIAL NOTE:

- 1. THE DESIGN OF THE STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT AS SHOWN IN THESE PLANS, COMPLIES WITH THE REQUIREMENTS OF THE NORTH WEST FLORIDA WATER MANAGEMENT DISTRICT AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

EROSION CONTROL NOTES:

- 1. EROSION PROTECTION: SOIL EROSION SEDIMENTATION MUST BE CONTROLLED AND RETAINED ON SITE DURING CONSTRUCTION. THEREFORE, EROSION PROTECTION, SUCH AS STAKED BALED HAY AND SILT FENCE BARRIERS, MUST BE INSTALLED PRIOR TO START OF CONSTRUCTION.
2. ALL INLETS SHALL BE PROTECTED AS PER FDEP BEST MANAGEMENT PRACTICES, AND THE FDEP/FDOT EROSION AND SEDIMENT CONTROL HANDBOOK.
3. THE CONTRACTOR SHALL PROTECT ALL GRASSED AREAS FROM DISCARDED CONCRETE AND EXCESS MATERIALS. ALL DISCARDED CONCRETE AND EXCESS MATERIALS SHALL BE REMOVED FROM THE RIGHT-OF-WAY (OR JOB SITE) ON A DAILY BASIS.
4. THE EROSION CONTROL PLAN SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104 AND THE FDOT/FDEP EROSION & SEDIMENT CONTROL HANDBOOK.
5. SILT FENCE BARRIER SHALL BE INSTALLED AS SHOWN ON PLANS, AND IN ALL AREAS SUBJECT TO SOIL EROSION SEDIMENTATION.
6. SOD ALL SLOPES 3:1 OR STEEPER.
7. GRADES AT CURBS ARE AT GUTTER FLOWLINE.
8. EROSION CONTROL MATTING SHALL BE BONTERRA CF9 OR EQUAL APPROVED BY THE ENGINEER. INLET FILTER SYSTEMS SHALL BE SILT-SAVER, INC. OR EQUAL APPROVED BY THE ENGINEER.
9. CONTRACTOR SHALL RETAIN ALL SOIL EROSION SEDIMENTATION ON-SITE (BUT NOT IN THE WETLANDS)
10. ALL DISTURBED AREAS NOT SPECIFICALLY SHOWN TO BE SODDED SHALL BE GRASSED AND MULCHED. THE GRASS SEED SHALL BE 20 PARTS BERMUDA AND 80 PARTS PENSACOLA BAHIA. APPLICATION SHALL BE 100 POUNDS PER ACRE. IF CONSTRUCTION OCCURS DURING THE MONTHS OF OCTOBER THROUGH JANUARY, SEEDING SHALL BE 50 PARTS WINTER RYE AND 50 PARTS PENSACOLA BAHIA AT 100 POUNDS PER ACRE. SEEDS AREAS SHALL BE FERTILIZED WITH 8-8-8 NPK DRY FERTILIZER AT THE RATE OF 800 POUNDS PER ACRE.
11. ALL AREAS TO BE GRASSED AND MULCHED SHALL HAVE A MINIMUM OF ONE INCH OF TOPSOIL DISTRIBUTED PRIOR TO SEEDING.
12. FUNCTIONAL EROSION AND SILTATION CONTROLS SHALL BE INSTALLED AS NEEDED THROUGHOUT THE CLEARED AREAS AND AS SHOWN ON THE CONSTRUCTION PLANS IMMEDIATELY SUBSEQUENT TO ESTABLISHED ROUGH GRADE.
13. ALL EROSION CONTROL STRUCTURES SHALL BE IN PLACE BEFORE DEMOLITION BEGINS.
14. CONSTRUCT FILTER FENCES, HAY BALES AND TREE PROTECTION BARRICADES.
15. STRIP THE TOP SOIL AND STOCKPILE FOR USE IN LANDSCAPED AREAS.
16. STABILIZE CONSTRUCTION DRIVEWAYS WITH GRAVEL AS REQUIRED TO PREVENT SILT FROM LEAVING THE SITE. SEE EROSION CONTROL PLAN FOR DETAILS.
17. INSTALL UTILITIES AND DRAINAGE PIPES PROTECTING INLETS w/STAKED HAY BALES OR FILTER FENCE TO PREVENT EROSION FROM ENTERING THE DRAINAGE SYSTEMS. CONSTRUCT STORMWATER MANAGEMENT CONTROL STRUCTURES: (FILTRATION, RATE CONTROL, ETC.)
18. CONSTRUCT BUILDINGS, PARKING AND OTHER IMPROVEMENTS AS SHOWN ON THE PLANS, MAINTAIN SEDIMENTATION, EROSION AND TREE PROTECTION MEASURES.
19. FINAL GRADE THE SITE AND LANDSCAPE AS PER PLANS AND SPECIFICATIONS, STABILIZING ALL DISTURBED AREAS.
20. USE RAIL FENCE AROUND PROTECTED TREES.
21. NO HEAVY EQUIPMENT IN NATURAL AREAS. ALL PLANTING TO BE DONE BY HAND.
22. ALL DISTURBED AREAS SHALL BE SATISFACTORILY STABILIZED, UNLESS OTHERWISE SPECIFIED, SOD SHALL BE PROVIDED IN THE FOLLOWING AREAS:
A. ALL SLOPES 3:1 AND STEEPER
B. ENTIRE AREA BETWEEN SIDEWALKS AND BACK OF ROAD CURB.
C. INTERIOR SLOPES OF PONDS AND SWALES, AND IN A TWO-FOOT WIDE STRIP ALONG THE TOP-OF-BANK OF ALL PONDS AND SWALES.
D. IN A TWO-FOOT WIDE STRIP ALONG ALL BUILDINGS, STRUCTURES, ROADS WHERE NO SIDEWALKS RUN PARALLEL, AND OUTER EDGES OF ALL SIDEWALKS. OTHER AREAS MAY BE SEEDED AND MULCH, UNLESS OTHERWISE SPECIFIED
E. CONTRACTOR SHALL MAINTAIN SODDED OR GRASSED UNTIL PLANTS HAVE TAKEN ROOT AND THE AREA IS SATISFACTORILY STABILIZED.
F. CONSTRUCTION ENTRANCE TO BE CONSTRUCTED OF 6 INCHES (MIN.) #57 STONE TO PREVENT TRACKING ONTO STREETS.

Mark Date Description

REVISIONS

CLIENT



PROJECT NAME

2016 ADDITION AND RENOVATIONS

Project No. 2013092
Date Issued JULY 2016
Drawing Scale

DRAWING TITLE

GENERAL NOTES

SEALS

BARBA D. BAUTISTA, P.E. 79785
EB 0008794

SHEET ID

SD

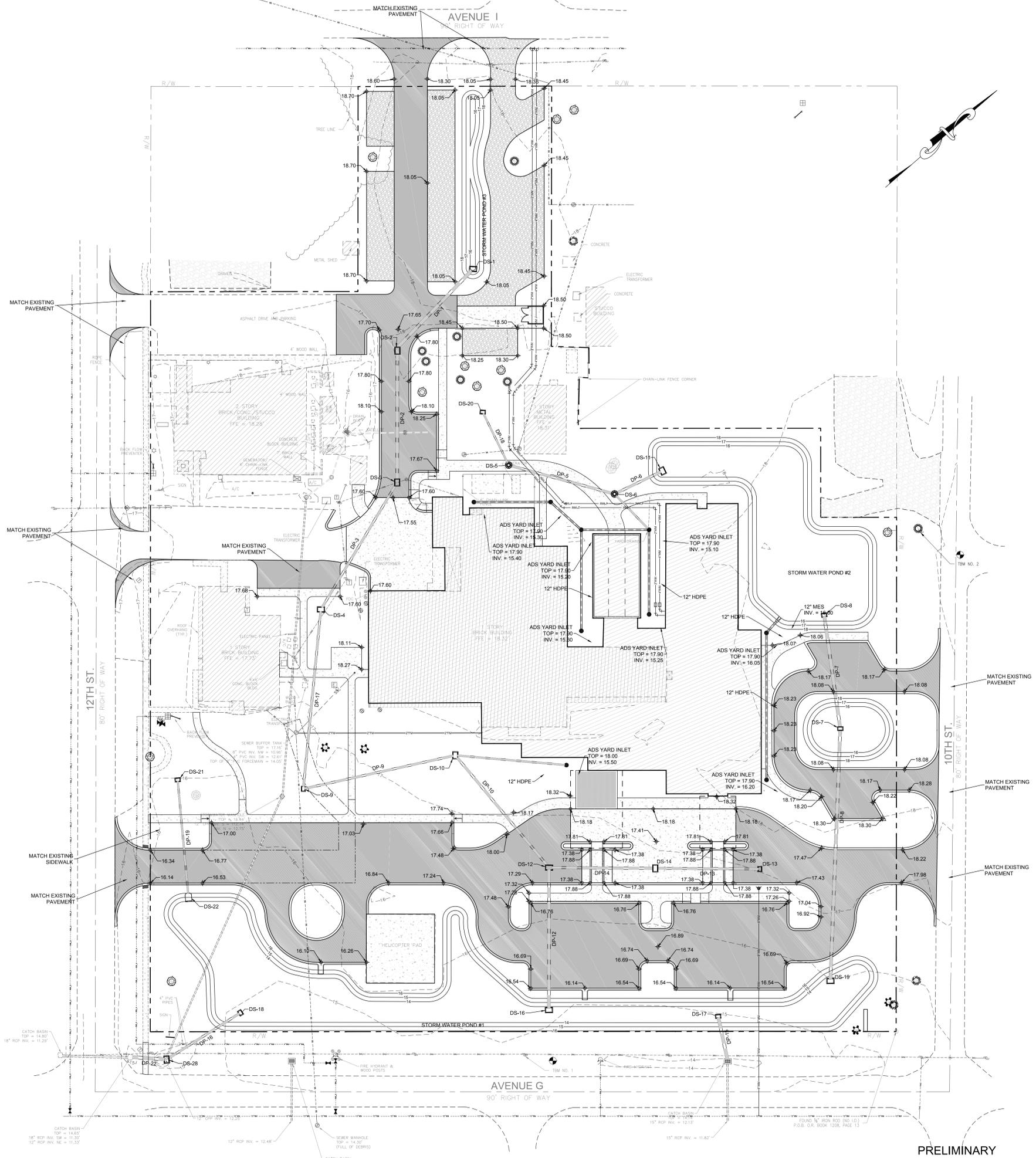
PRELIMINARY NOT FOR CONSTRUCTION

C-100

DRAINAGE STRUCTURE TABLE				
NO.	STRUCTURE TYPE	TOP OF GRATE ELEV.	PIPE INV. ELEV.	BOTTOM ELEV.
DS-1	TYPE "E" INLET	TOP ELEV. = 17.60'	INV. OUT S = 14.00'	14.00'
DS-2	TYPE "E" INLET	TOP ELEV. = 17.50'	INV. IN N = 13.75' INV. OUT SE = 13.75'	13.75'
DS-3	TYPE "E" INLET	TOP ELEV. = 17.45'	INV. IN NW = 13.50' INV. IN S = 13.25'	13.25'
DS-4	TYPE "E" INLET	TOP ELEV. = 17.45'	INV. IN W = 13.25' INV. OUT SE = 13.25'	13.25'
DS-5	STORM MANHOLE	TOP ELEV. = 18.56'	INV. IN W = 14.75' INV. OUT NE = 14.75'	12.75'
DS-6	STORM MANHOLE	TOP ELEV. = 18.31'	INV. IN SW = 14.50' INV. IN E = 15.00' INV. OUT N = 14.50'	14.50'
DS-7	TYPE "C" INLET	TOP ELEV. = 17.75'	INV. IN NW = 13.75' INV. OUT SE = 13.75'	13.75'
DS-8	TYPE "C" INLET	TOP ELEV. = 17.50'	INV. OUT SE = 14.00'	14.00'
DS-9	TYPE "C" INLET	TOP ELEV. = 16.90'	INV. IN NW = 13.00' INV. OUT NE = 13.00'	13.00'
DS-10	TYPE "E" INLET	TOP ELEV. = 18.00'	INV. IN SW = 12.80' INV. IN NE = 15.40' INV. OUT E = 12.80'	11.80'
DS-11	TYPE "E" BUBBLE UP	TOP ELEV. = 17.50'	INV. IN S = 14.25'	14.25'
DS-12	TYPE "E" INLET	TOP ELEV. = 17.00'	INV. IN W = 12.73' INV. IN NE = 12.73' INV. OUT SE = 12.55'	12.55'
DS-13	TYPE "C" INLET	TOP ELEV. = 17.00'	INV. OUT SW = 13.00'	13.00'
DS-14	TYPE "E" INLET	TOP ELEV. = 17.00'	INV. IN NE = 12.80' INV. OUT SW = 12.80'	12.80'
DS-16	TYPE "E" BUBBLE UP	TOP ELEV. = 15.75'	INV. IN NW = 12.35'	12.35'
DS-17	TYPE "C" DISCHARGE	TOP ELEV. = 15.75'	INV. OUT SE = 12.50'	12.50'
DS-18	TYPE "C" DISCHARGE	TOP ELEV. = 15.75'	INV. OUT SE = 12.50'	12.50'
DS-19	TYPE "E" BUBBLE UP	TOP ELEV. = 17.75'	INV. IN NW = 13.00'	13.00'
DS-20	TYPE "C" INLET	TOP ELEV. = 17.90'	INV. OUT E = 15.00'	15.00'
DS-21	TYPE "C" INLET	TOP ELEV. = 16.00'	INV. OUT SE = 14.00'	14.00'
DS-22	MES	TOP ELEV. = 14.95'	INV. IN NW = 13.90'	???
DS-28	TYPE "E" INLET	TOP ELEV. = 14.25'	INV. IN N = 11.50' INV. OUT SW = 11.50'	11.50'

DRAINAGE PIPE TABLE				
NO.	SIZE	LF	MATERIAL	SLOPE
DP-1	24"	79	HDPE	0.32%
DP-2	24"	94	HDPE	0.27%
DP-3	16"	108	HDPE	0.00%
DP-5	18"	80	HDPE	0.31%
DP-6	18"	39	HDPE	0.65%
DP-7	24"	84	HDPE	0.30%
DP-8	24"	184	HDPE	0.41%
DP-9	16"	113	HDPE	0.18%
DP-10	18"	106	HDPE	0.07%
DP-12	24"	104	HDPE	0.19%
DP-13	16"	76	HDPE	0.26%
DP-14	18"	77	HDPE	0.08%
DP-15	24"	32	HDPE	1.09%
DP-16	16"	63	HDPE	1.58%
DP-17	16"	132	HDPE	0.19%
DP-18	12"	43	HDPE	0.58%
DP-19	12"	85	HDPE	0.12%
DP-20	12"	35	HDPE	0.29%
DP-21	12"	79	HDPE	0.13%
DP-22	18"	25	RCP	0.81%

NOTES:
1. ALL ADS INLETS SHALL BE IN-LINE DRAINS WITHOUT SUMPS.
2. ALL ADS TOPS SHALL BE STANDARD H-10 PEDESTRIAN RATED.



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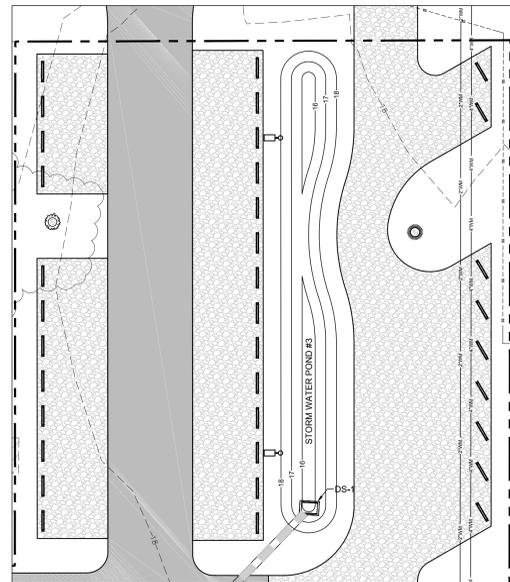
TRO JB

TRO JunglBrannen

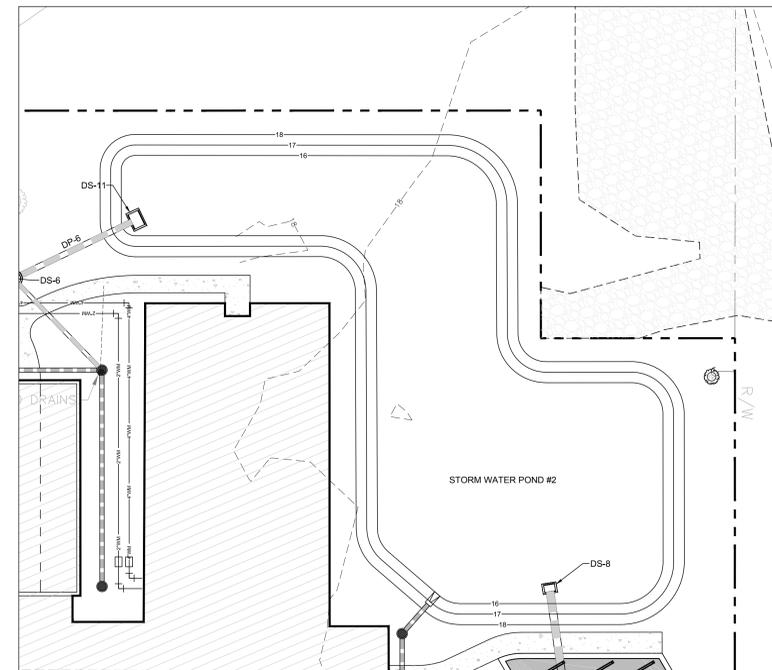
CONSULTANTS

Dewberry | PREBLE-RISH

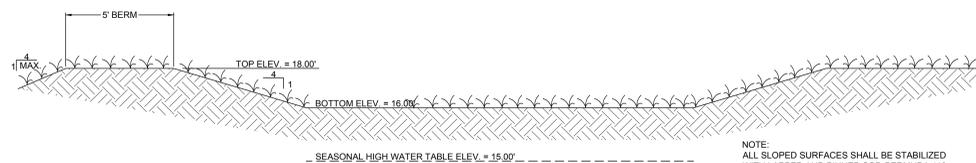
203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644



PLAN SWMF # 3
SCALE: 1"=20'



PLAN SWMF # 2
SCALE: 1"=20'

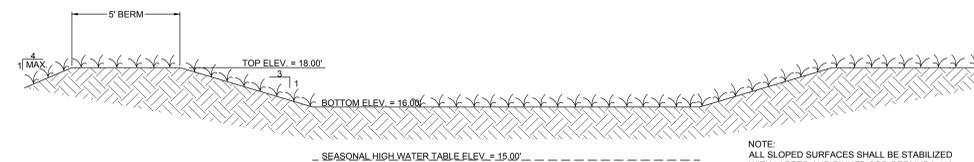


SECTION TYPICAL POND SECTION
SCALE: N.T.S.

NOTE:
ALL SLOPED SURFACES SHALL BE STABILIZED WITH LAPPED AND PINNED SOD-BERMUDA 419.
ALL DISTURBED FLAT SURFACES SHALL BE STABILIZED PURSUANT TO THE FOLLOWING HYDROSEED MIX:

PLANTING DATE OF APRIL 1 - OCTOBER 31
HULLED BERMUDA @ 2LBS PER 1000 S.F.
BROWN TOP MILLET - @ 8LB PER 1,000 S.F.
70/30 MULCH @ 50 LBS PER 1,000 S.F.
16-16-16 FERTILIZER @ 4LBS PER 1,000 S.F.

PLANTING DATE OF NOVEMBER 1 - MARCH 31
UNHULLED BERMUDA @ 2LBS PER 1000 S.F.
ANNUAL RYE - @ 8LB PER 1,000 S.F.
70/30 MULCH @ 50 LBS PER 1,000 S.F.
16-16-16 FERTILIZER @ 4LBS PER 1,000 S.F.



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UNHULLED BERMUDA @ 2LBS PER 1000 S.F.
ANNUAL RYE - @ 8LB PER 1,000 S.F.
70/30 MULCH @ 50 LBS PER 1,000 S.F.
16-16-16 FERTILIZER @ 4LBS PER 1,000 S.F.

Mark Date Description

REVISIONS

CLIENT



PROJECT NAME

2016 ADDITION AND RENOVATIONS

Project No. 2013052
Date Issued JULY 2016
Drawing Scale

AS SHOWN

DRAWING TITLE

STORM WATER DETAIL PLAN

SEALS

BARBA D. BAUTISTA, P.E. 79785
EB 0008794

SHEET ID

SD

STORMWATER OPERATION/MAINTENANCE PLAN
OPERATION AND MAINTENANCE ENTITY IS WEEMS MEMORIAL HOSPITAL
AFTER EACH RAINFALL EVENT

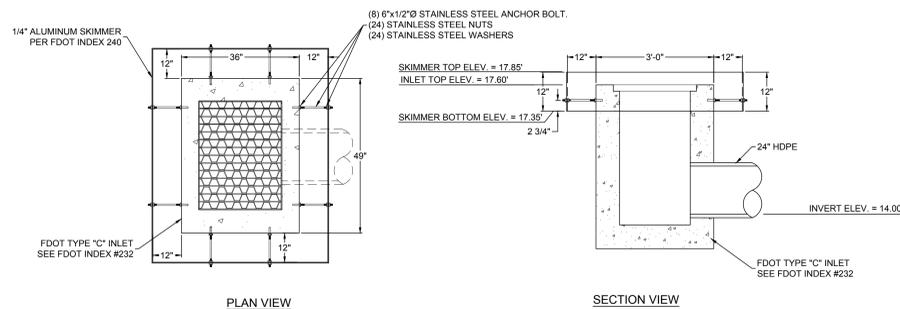
- PAVEMENT AREAS - CLEANSWEEP DEBRIS AND DIRT FROM PAVEMENT AREAS.
- SEDIMENTS IN RETENTION/DETENTION AREAS - REMOVED IMMEDIATELY.
- DEBRIS IN RETENTION/DETENTION AREAS - ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED IMMEDIATELY.
- YARD INLETS, CATCH BASINS, ETC. - ALL DEBRIS AND FOREIGN MATERIALS SHALL BE REMOVED IMMEDIATELY.

PERIODIC POND/SYSTEM MAINTENANCE

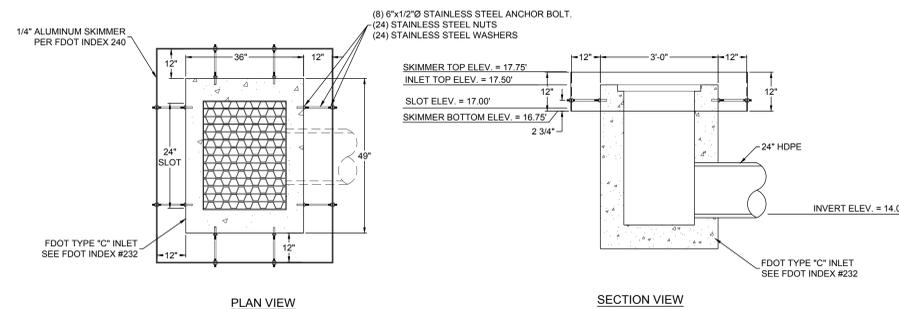
- CLEANING/SWEEPING OF PAVEMENT AREAS SHALL BE ACCOMPLISHED WEEKLY OR AS REQUIRED.
- INSPECT POND PERIODICALLY FOR ACCUMULATION OF TRASH AND DEBRIS AND REMOVE IT UPON DISCOVERY.
- MOWING AND LANDSCAPING MAINTENANCE SHOULD BE DONE ON A MONTHLY BASIS DURING THE ACTIVE GROWING SEASON FOR THE AREA. INSPECT AND MAINTAIN AS REQUIRED DURING THE GROWING SEASON.
- WEEDS OR UNDESIRABLE GROWTH SHALL BE REMOVED UPON DISCOVERY.
- CATCH BASINS SHALL BE FLUSHED AS NECESSARY (IF ANY).
- THE OWNER SHALL RE-GRADE AND RE-STABILIZE SWALE/RETENTION/DETENTION AREAS AS REQUIRED TO MAINTAIN THE APPROVED DESIGN, CROSS-SECTION, LINE, AND GRADE.
- REMOVE SEDIMENT FROM POND WHEN ACCUMULATION REACHES FOUR (4) INCHES. MEASURE ACCUMULATION ONCE A YEAR.

INSPECTIONS

- A MAINTENANCE INSPECTION MUST BE PERFORMED EVERY THIRD YEAR BY A REGISTERED PROFESSIONAL.
- THE MAINTENANCE INSPECTION MUST BE DOCUMENTED ON THE FDEP AND/OR NFWMD STANDARD INSPECTION FORM (2-230-31111).
- THE INSPECTION MUST BE SIGNED, SEALED, AND DATED BY THE REGISTERED PROFESSIONAL.
- THE INSPECTION MUST BE CONDUCTED USING THE PLANS, CALCULATIONS AND SPECIFICATIONS APPROVED BY THE FDEP AND/OR NFWMD.



DETAIL CONCRETE DISCHARGE STRUCTURE DS-1 (TYPE C)
SCALE: N.T.S.



DETAIL CONCRETE DISCHARGE STRUCTURE DS-17 (TYPE C)
SCALE: N.T.S.

PRELIMINARY
NOT FOR CONSTRUCTION

C-107



TRO JB

TRO JunglBrannen

CONSULTANTS

Dewberry PREBLE-RISH

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Panama City, FL 32405
850.522.0644

CORRUGATED HDPE/PP BELL GRAVITY APPLICATIONS

- A. BELL END ACCEPTS CORRUGATED HDPE/PP DUAL WALL PIPE-ADSHANCOR INC. SPECIFICATIONS IN 4", 6", 8", 10", 12", 15", 18", 21", 24", AND 30" SIZES.
B. CURVATURE VARIES WITH MAINLINE DIAMETERS.
C. SPIGOT END PVC SDR 35, ASTM D3034 DIAMETERS: 4", 6", 8", 10", 12", 15", 18", 21", 24" AND 30"

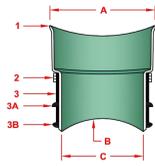


Table with 2 columns: PART and PART NAME. Lists parts 1 through 4 and their descriptions.

MATERIALS: PVC SDR 26 ASTM D3034, BAND SS #301, SCREW SS #305, HOUSING SS #301, ASTM F477

Table with 2 columns: INSERTA TEE SIZE and HOLE DIAMETER. Lists sizes from 4" to 30" and corresponding hole diameters.

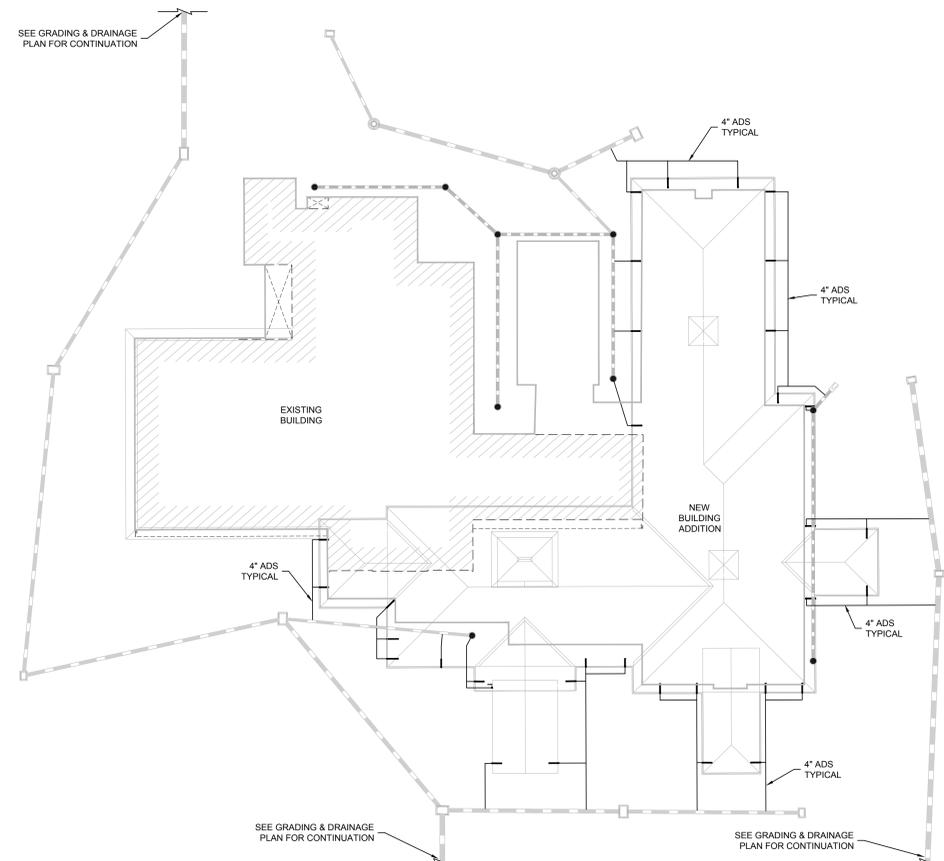
NOTE: RECOMMENDED METHOD OF CUTTING HOLE IS WITH HOLE SAW FOR PVC AND OTHER PLASTICS, AND DIAMOND BIT FOR CONCRETES, CLAY, FRP AND D.I. (SEE INSTALLATION INSTRUCTIONS. HOLE SAWS ARE AVAILABLE FOR PURCHASE OR RENT.)



INSERTA TEE | PO BOX 714 CORNELIUS, OR 97116 PH: (503) 357-2110 FAX: (503) 359-5417 SALES@INSERTATEE.COM

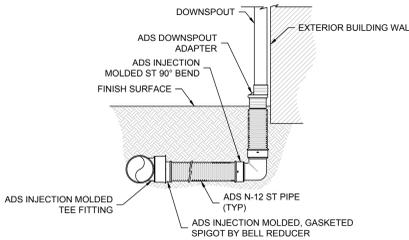
CORRUGATED HDPE/PP BELL GRAVITY APPLICATION SPECIFICATIONS SCALE: N.T.S. DATE: 8/12/2013 DRAWN BY: K.L.J.

TYPICAL DOWNSPOUT CONNECTION TIE-IN NOT TO SCALE



- NOTES: 1. D.S. = DOWNSPOUT 2. DOWNSPOUT LOCATIONS ARE APPROXIMATE. SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS. 3. SEE ARCHITECTURAL PLANS FOR GUTTER DESIGN. 4. ALL PIPE UNDERDRAINS SHALL MAINTAIN POSITIVE FLOW TO STORMWATER COLLECTION SYSTEM.

DOWNSPOUT CONNECTION PLAN NOT TO SCALE



NOTE: ALL NEW DOWNSPOUTS SHALL BE CONNECTED TO NEAREST STORM DRAIN.

DETAIL DOWNSPOUT CONNECTION TO STORM DRAIN SCALE: N.T.S.

NYLOPLAST INLINE DRAIN WITH STANDARD GRATE

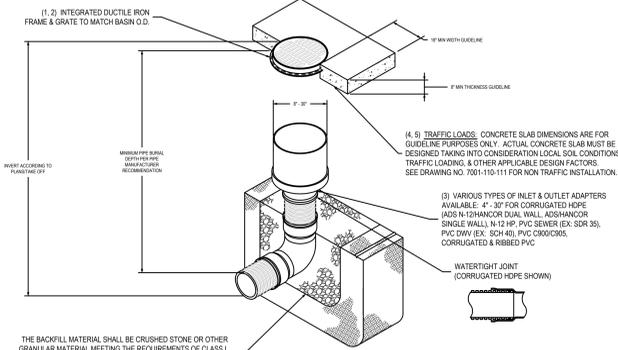


Table with columns: DRAWN BY, DATE, PROJECT NO, DWG NO, SCALE, SHEET, REV. Includes Nyloplast logo and contact information.

NOTE: USE STANDARD H-10 GRATE FOR ALL NYLOPLAST INLETS ON PLANS.

NYLOPLAST TURF TRAFFIC INSTALLATION

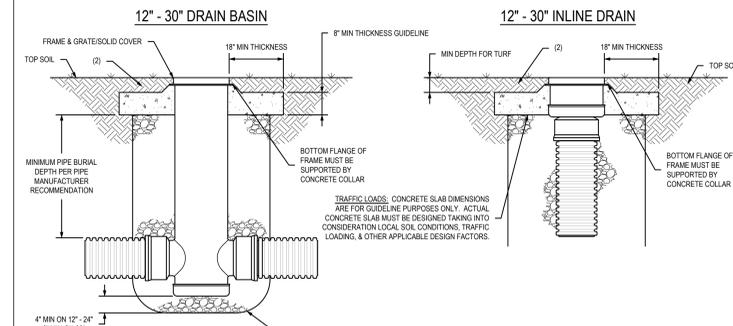


Table with columns: DRAWN BY, DATE, PROJECT NO, DWG NO, SCALE, SHEET, REV. Includes Nyloplast logo and contact information.

NON TRAFFIC INSTALLATION

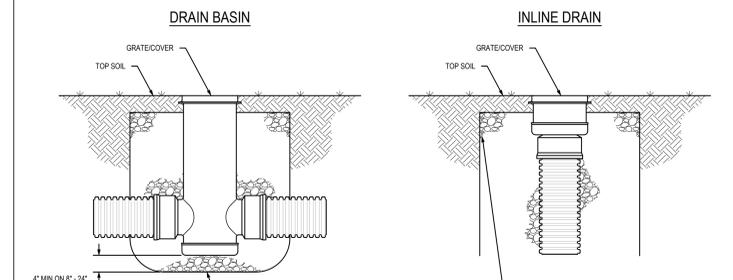


Table with columns: DRAWN BY, DATE, PROJECT NO, DWG NO, SCALE, SHEET, REV. Includes Nyloplast logo and contact information.

NOTE: SEE ARCHITECTURAL PLANS FOR DOWNSPOUT CONNECTIONS. ALL DOWNSPOUTS SHALL BE CONNECTED TO THE STORM PIPE NETWORK UNLESS OTHERWISE SPECIFIED ON THE PLANS.

PRELIMINARY NOT FOR CONSTRUCTION

Mark Date Description REVISIONS

CLIENT



PROJECT NAME: 2016 ADDITION AND RENOVATIONS

Project No. 2013052 Date Issued JULY 2016 Drawing Scale

DRAWING TITLE: MISCELLANEOUS DETAILS

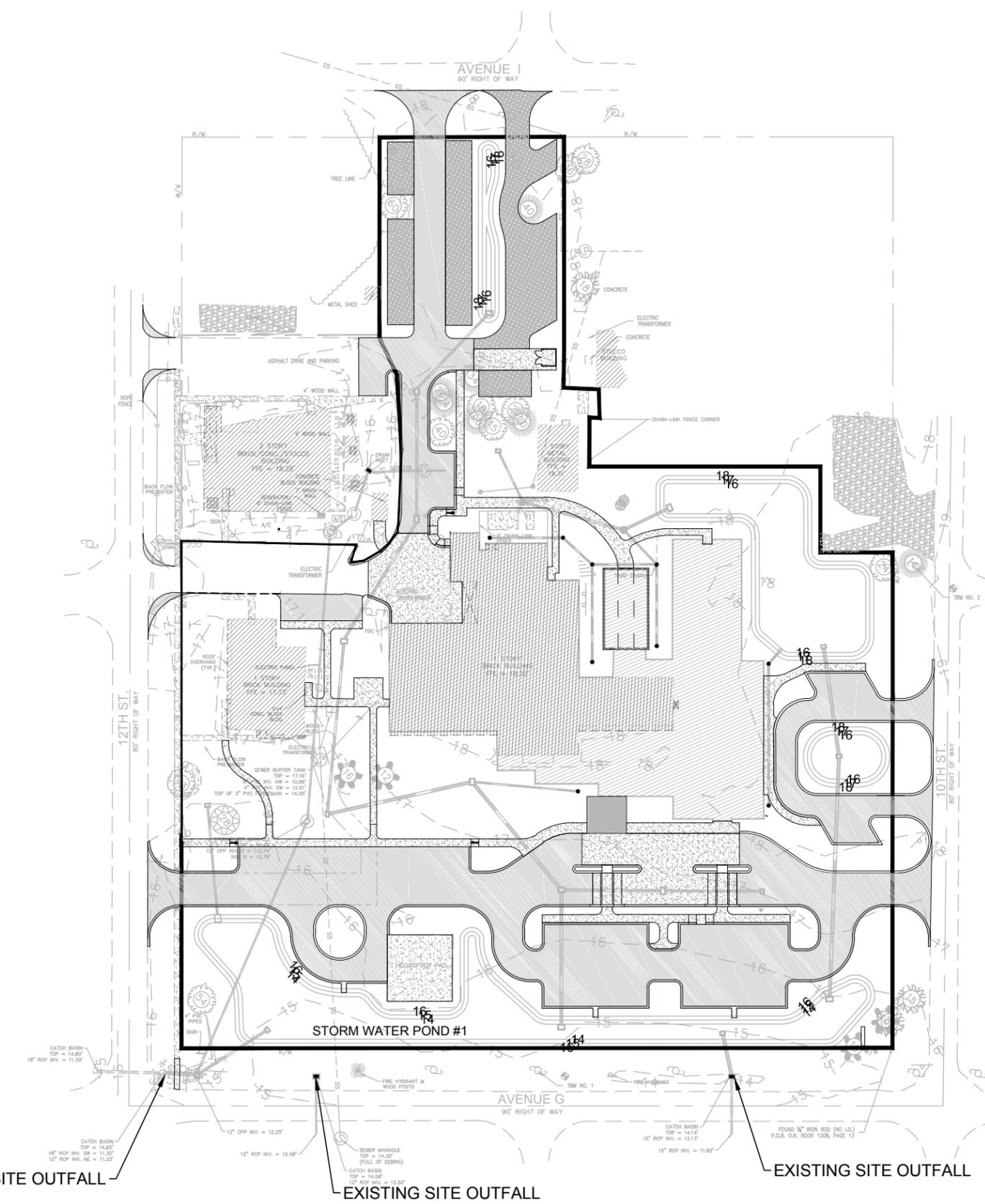
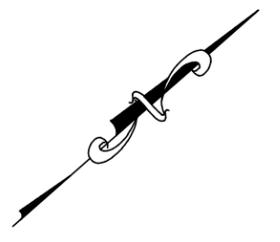
SEALS

BARBA D. BAUTISTA, P.E. 79785 EB 0008794

SHEET ID

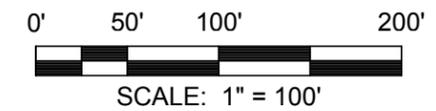
SD

C-109



Basin	Area	Curve Number
Predevelopment	5.92	70

← = EXISTING OVERLAND STORMWATER FLOW



EXISTING SITE OUTFALL

EXISTING SITE OUTFALL

EXISTING SITE OUTFALL

September 15, 2016 08:43:25 EST
K:\1747_001 GEORGE E. WEEMS HOSPITAL\CIVIL3\FOLDER_EXHIBITS\SPOND DRAINAGE BASINS.DWG BROCHER

NO.	DATE:	APPR.	REVISION:
1			
2			
3			
4			
5			



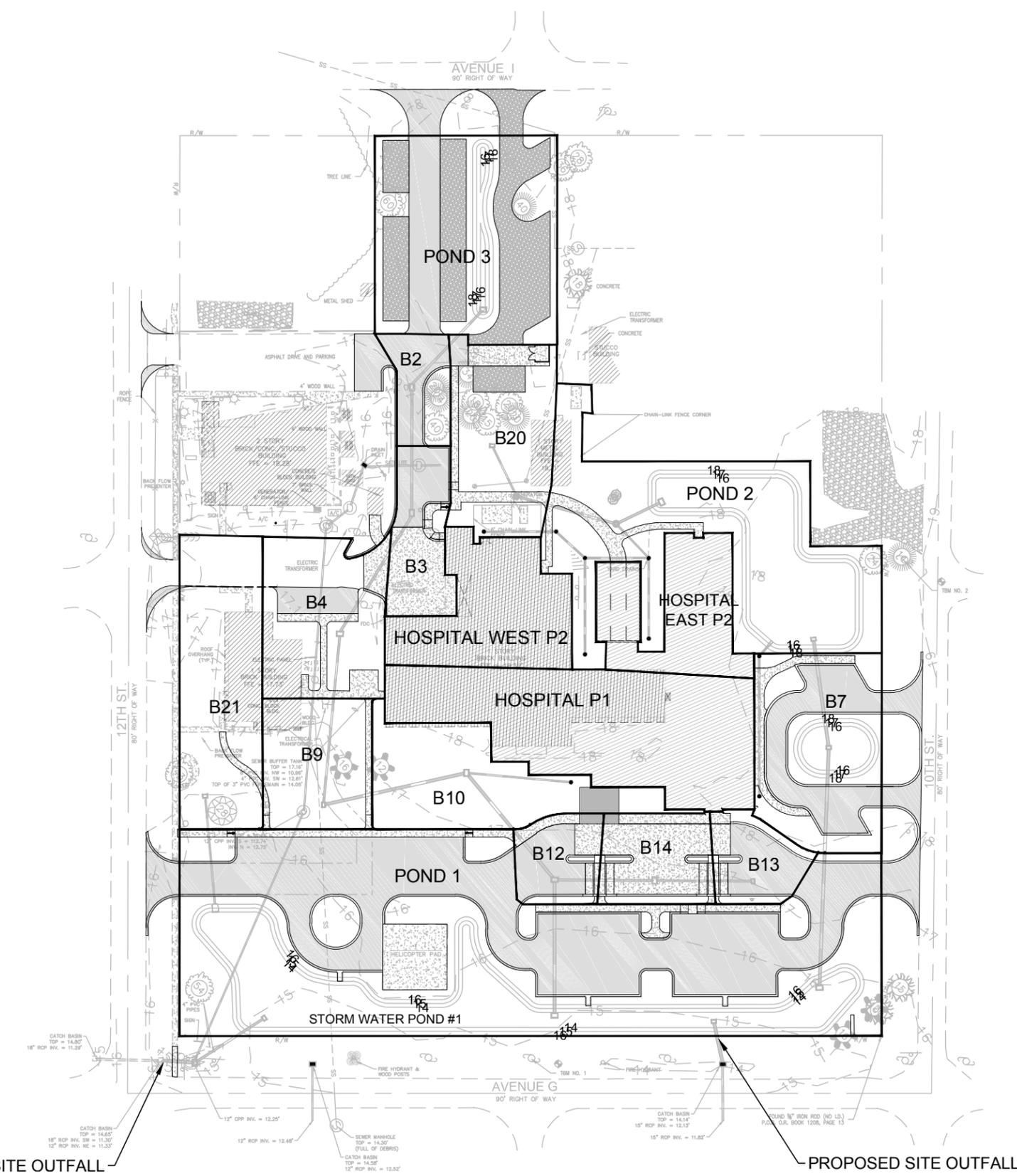
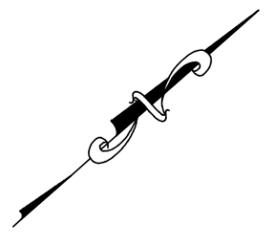
 203 ABERDEEN PARKWAY, PANAMA CITY, FL 32405
 (850) 522-1414

PRE-DEVELOPMENT DRAINAGE BASINS
 WEEMS MEMORIAL HOSPITAL
 APALACHICOLA
 FRANKLIN COUNTY, FLORIDA

DATE: SEPT. 2016	PROJECT NO. 91747001
SCALE: AS SHOWN	EXHIBIT 1 of 2
DRAWN: M. MORE	
CHECKED: D. BAUTISTA	

EB# 0008794

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Basin	Area	Curve Number
B10	0.27	51
B2	0.09	81
B3	0.13	96
B4	0.26	79
B7	0.33	74
B9	0.19	57
B12	0.1	95
B13	0.1	95
B14	0.14	94
Hospital east P2	0.21	98
Hospital P1	0.5	98
Hospital west P2	0.25	98
P21	0.33	70
B20	0.27	75
Pond 1	1.65	80
Pond 2	0.61	71
Pond 3	0.5	76
Total Area	5.93	



PROPOSED SITE OUTFALL

PROPOSED SITE OUTFALL

September 15, 2016 08:43:25 EST
K:\1747_001 GEORGE E. WEEMS HOSPITAL\CIVIL3\FOLDER\EXHIBITS\SPOND DRAINAGE BASINS.DWG BROCHER

NO.	DATE:	APPR.	REVISION:
1			
2			
3			
4			
5			

Dewberry | PREBLE-RISH
 203 ABERDEEN PARKWAY, PANAMA CITY, FL 32405
 (850) 522-1414

POST-DEVELOPMENT DRAINAGE BASINS
 WEEMS MEMORIAL HOSPITAL
 APALACHICOLA
 FRANKLIN COUNTY, FLORIDA

DATE: SEPT. 2016	PROJECT NO. 91747001
SCALE: AS SHOWN	
DRAWN: M. MORE	EXHIBIT 2 of 2
CHECKED: D. BAUTISTA	

EB# 0008794

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NWC AVENUE E (US HWY 98)
& 9TH ST.

APALACHICOLA, FL

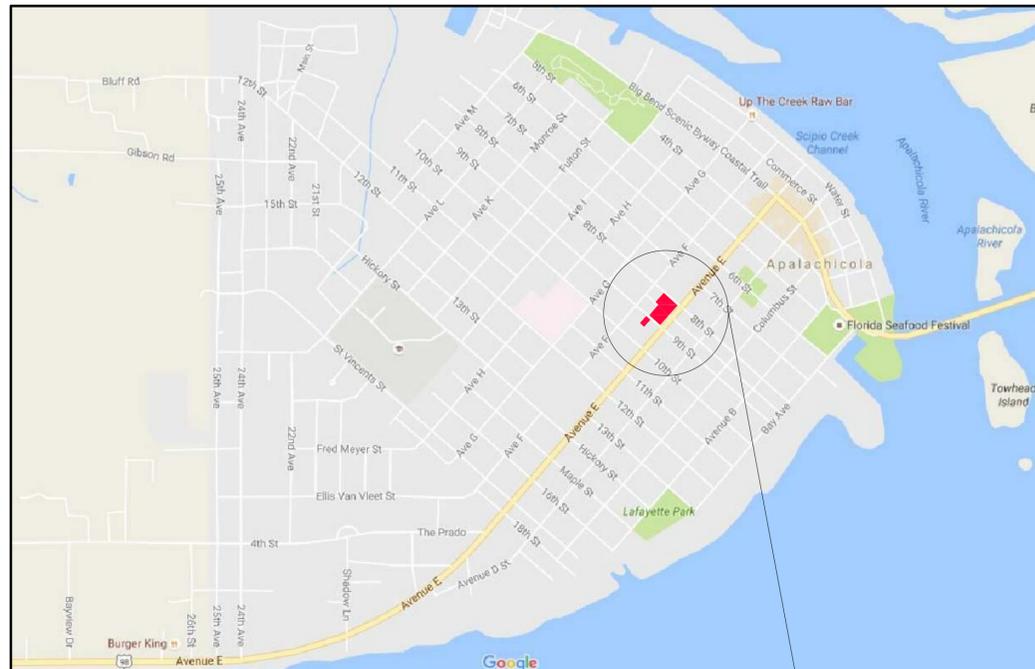
CVS STORE NUMBER: 05165

DRAWINGS LIST

- C1 TITLE SHEET
- C2 EXISTING CONDITIONS
- C3 DEMOLITION PLAN
- C4 CIVIL SITE PLAN
- C5 UTILITY PLAN
- C6 GRADING PLAN
- C7 STRIPING PLAN
- C8 TYPICAL SECTIONS
- C9 TYPICAL SECTIONS
- C10 SECTIONS AND DETAILS
- C11 SECTIONS AND DETAILS
- C12 EROSION CONTROL PLAN
- C13 EROSION CONTROL DETAILS
- L1 LANDSCAPE PLAN

BOUNDARY SURVEY SHT.1 & 2

TOTAL: 16 SHEETS



VICINITY MAP

22"X34" SCALE: 1"=1000'
11"X17" SCALE: 1"=2000'

PROJECT LOCATION



10,119-NON-PROTO
REAR DRIVE-THRU

STORE NUMBER: 05165
NWC OF AVENUE E (US HWY 98) &
9TH ST.
APALACHICOLA, FL

PROJECT TYPE:
DEAL TYPE:
CS PROJECT NUMBER: 086006



LINFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS, ARCHITECTS,
LANDSCAPE ARCHITECTS, AND SURVEYORS
3608 18th Street, Suite 200
Metairie, Louisiana 70002

CONSULTANT:

DEVELOPER:



5455 TROY HWY.
MONTGOMERY, AL 36116
TEL (334) 288-2330
FAX (334) 281-7221

SEAL:



REVISIONS:

- △ 12-9-16 - GENERAL REVISIONS
- △ 01-02-17 - GENERAL REVISIONS
- △ 6-9-17 - GENERAL REVISIONS

DRAWING BY: L.H.J.

DATE: 08-31-16

JOB NUMBER: 14-127B

TITLE:
TITLE SHEET

SHEET NUMBER:
C1

COMMENTS:
NOT RELEASED FOR CONSTRUCTION

TEAM MEMBERS

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SUITE 300
TAMPA, FL 33607

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MONTGOMERY, AL 36116 FAX: (334) 281-7221

LINFIELD, HUNTER & JUNIUS, INC. CASEY M. GENOVESE
3608 18TH STREET TEL: (504) 833-5300
SUITE 200 FAX: (504) 833-5350
METAIRIE, LA 70002

GOODWYN, MILLS AND CAWOOD INC. YANN COWART
2660 EAST CHASE LANE TEL: (334) 271-3200
SUITE 200 FAX: (334) 272-1566
MONTGOMERY, AL 36117

LINFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS, ARCHITECTS,
LANDSCAPE ARCHITECTS, AND SURVEYORS
METAIRIE, LOUISIANA

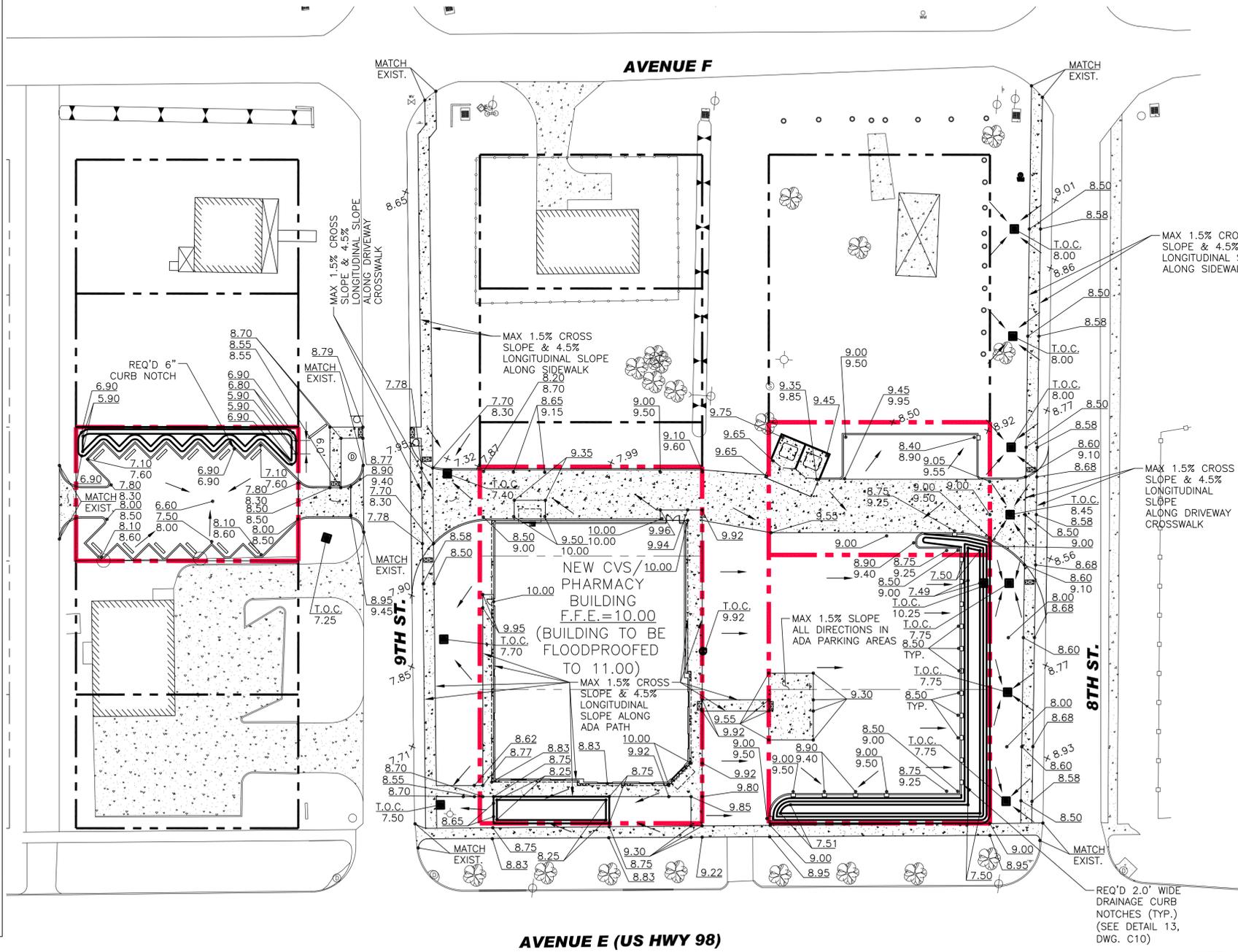
LEGEND

EXISTING FEATURES

- ⊕ OR ■ EXIST. DRAIN INLET
- C— EXIST. GUY WIRE
- W(SIZE) --- EXIST. WATERLINE
- G(SIZE) --- EXIST. GAS LINE
- UE --- UE --- EXIST. UNDERGROUND ELECTRIC LINE
- S --- S --- EXIST. SEWER LINE
- UT --- UT --- EXIST. UNDERGROUND TELEPHONE LINE
- (SIZE) --- EXIST. DRAIN LINE
- T.B.M. TEMPORARY BENCHMARK
- CS THE POINT OF CHANGE FROM CIRCULAR CURVE TO SPIRAL
- T.O.C. TOP OF CASTING/CURB ELEVATION
- EL. ELEVATION
- HC HANDICAP
- SMH SEWER MANHOLE
- DMH DRAIN MANHOLE
- DI DRAIN INLET
- ⊕ EXIST. SEWER MANHOLE
- ⊕ EXIST. DRAIN MANHOLE
- ⊕ EXIST. FIRE HYDRANT
- ⊕ EXIST. WATER VALVE
- ⊕ EXIST. WATER METER
- ⊕ EXIST. GAS METER
- ⊕ EXIST. GAS VALVE
- ⊕ EXIST. SEWER CLEANOUT
- ⊕ EXIST. SIGN
- ⊕ EXIST. BOLLARD
- ⊕ EXIST. FUEL FILLER LIDS
- ⊕ EXIST. LIGHT POLE
- ⊕ EXIST. TRAFFIC LIGHT
- ⊕ EXIST. HOSE BIB
- ⊕ EXIST. TRAFFIC SIGNALBOX
- ⊕ EXIST. RIGHT-OF-WAY MARKER
- ⊕ EXIST. POWER OR TELEPHONE POLE
- ⊕ EXIST. CATCH BASIN
- X CUT --- CROSS CUT IN CONC.
- EXIST. ACCESS SERVITUDE LINE
- EXIST. BOUNDARY LINE
- RCP --- REINFORCED CONCRETE PIPE
- TCP --- TERRA COTTA PIPE
- CMP --- CORRUGATED METAL PIPE
- INV. --- INVERT ELEVATION
- CONC. --- CONCRETE
- SW --- SIDEWALK
- X 9.00 --- EXIST. SPOT ELEVATION
- FND --- FOUND
- OVERHEAD ELECTRIC --- OVERHEAD ELECTRIC
- EXIST. TREE OR SHRUB --- EXIST. TREE OR SHRUB
- EXIST. DITCH --- EXIST. DITCH
- EXIST. CHAINLINK FENCE --- EXIST. CHAINLINK FENCE
- EXIST. WOODEN FENCE --- EXIST. WOODEN FENCE
- EXIST. WROUGHT IRON FENCE --- EXIST. WROUGHT IRON FENCE
- TEMPORARY BENCHMARK (1/2" CAPPED IRON ROD) --- TEMPORARY BENCHMARK (1/2" CAPPED IRON ROD)
- FOUND IRON PIPE --- FOUND IRON PIPE
- FOUND RAILROAD SPIKE --- FOUND RAILROAD SPIKE
- EXIST. MAILBOX --- EXIST. MAILBOX
- EXIST. TELEPHONE PEDESTAL --- EXIST. TELEPHONE PEDESTAL
- EXIST. ELECTRICAL TRANSFORMER --- EXIST. ELECTRICAL TRANSFORMER
- EXIST. AC UNIT --- EXIST. AC UNIT
- EXIST. STEEL POLE --- EXIST. STEEL POLE
- NEW FEATURES**
- DRAINAGE ARROW --- DRAINAGE ARROW
- 7.90 --- GUTTER ELEVATION
- 8.40 --- TOP OF CURB ELEVATION
- T.O.C. --- TOP OF CASTING ELEVATION
- 8.00 --- TOP OF CASTING ELEVATION
- G.L. --- GRADE LINE
- T.O.C. --- TOP OF CASTING
- F.P.G. --- FINISHED PAVEMENT GRADE
- X 7.87 --- EXISTING GRADE

NOTES:

1. SEE DRAWING C4 FOR GEOMETRY ASSOCIATED WITH NEW CONSTRUCTION.
2. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988, NATIONAL GEODETIC SURVEY, OPUS STATIC SOLUTION (GEOID 12B).
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS AND GRADES AND REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE STARTING CONSTRUCTION.
4. THE GRADE IN THE GRASS AND LANDSCAPED AREAS SHALL COME TO THE TOP OF CURB UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
5. NO SITE WORK ACTIVITIES SHALL TAKE PLACE WITHOUT CITY SITE REVIEW/APPROVAL OF PROPOSED EROSION CONTROL MEASURES AND ADVANCED NOTIFICATION OF THE REQUESTED INSPECTION IS REQUIRED.
6. THE CONTRACTOR SHALL ENSURE WORK WITHIN THE CITY & FDOT RIGHTS-OF-WAY RESULTS IN NO DAMAGE TO CITY & FDOT INFRASTRUCTURE OUTSIDE THE LIMITS OF THE PROPOSED WORK. ANY SUCH DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROMPTLY REPAIR.
7. AFTER DEMOLITION AND CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL PROMPTLY RESTORE AND REGRADE THE CITY & FDOT RIGHTS-OF-WAY AND STABILIZE WITH FILL MATERIAL AND SOD.



AVENUE E (US HWY 98)

GRADING PLAN
 22"x34" SCALE: 1" = 30'
 11"x17" SCALE: 1" = 60'



10.119-NON-PROTO REAR DRIVE-THRU

STORE NUMBER: 05165
 NWC OF AVENUE E (US HWY 98) & 9TH ST.
 APALACHICOLA, FL

PROJECT TYPE: CS PROJECT NUMBER: 086006



CONSULTANT:

DEVELOPER: Halstead
 5455 TROY HWY.
 MONTGOMERY, AL 36116
 TEL (334) 288-2330
 FAX (334) 281-7221



REVISIONS:
 12-9-16 - GENERAL REVISIONS
 01-02-17 - GENERAL REVISIONS
 6-9-17 - GENERAL REVISIONS

DRAWING BY: LHJ
DATE: 08-31-16
JOB NUMBER: 14-127B
TITLE: GRADING PLAN

SHEET NUMBER: C6
COMMENTS: NOT RELEASED FOR CONSTRUCTION



10,119-NON-PROTO
REAR DRIVE-THRU

STORE NUMBER: 05165
NWC OF AVENUE E (US HWY 98) &
9TH ST.
APALACHICOLA, FL

PROJECT TYPE:
DEAL TYPE:
CS PROJECT NUMBER: 086006



LINFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS, ARCHITECTS,
LANDSCAPE ARCHITECTS, AND SURVEYORS
3608 18th Street, Suite 200
Metairie, Louisiana 70002

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CONSULTANT:

DEVELOPER:



5455 TROY HWY.
MONTGOMERY, AL 36116
TEL (334) 288-2330
FAX (334) 281-7221

SEAL:



REVISIONS:

△ 12-9-16 - GENERAL REVISIONS

DRAWING BY: LHJ

DATE: 08-31-16

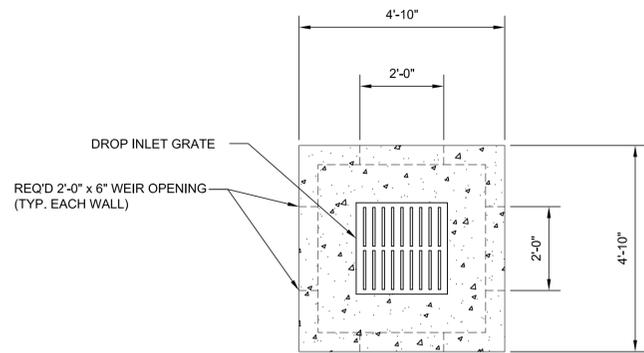
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TITLE:
SECTIONS & DETAILS

SHEET NUMBER:

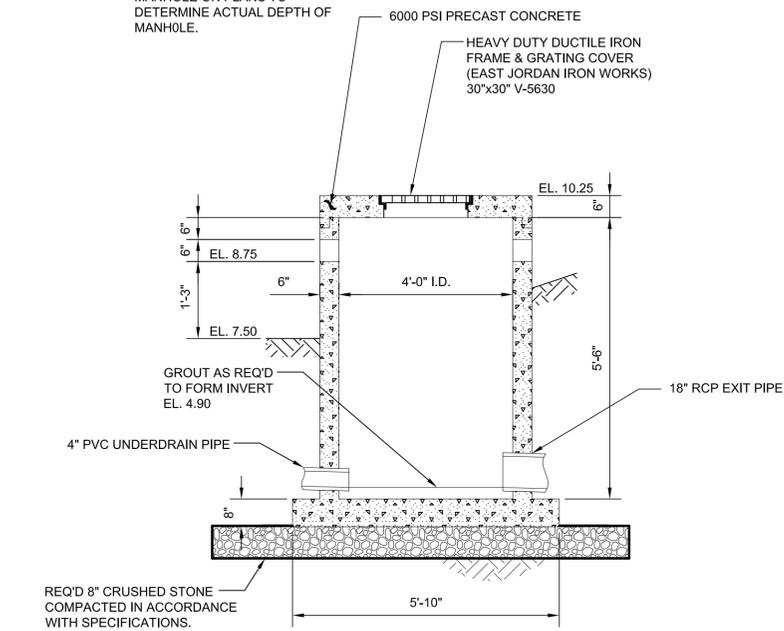
C11

COMMENTS:
NOT RELEASED FOR CONSTRUCTION



NOTE:

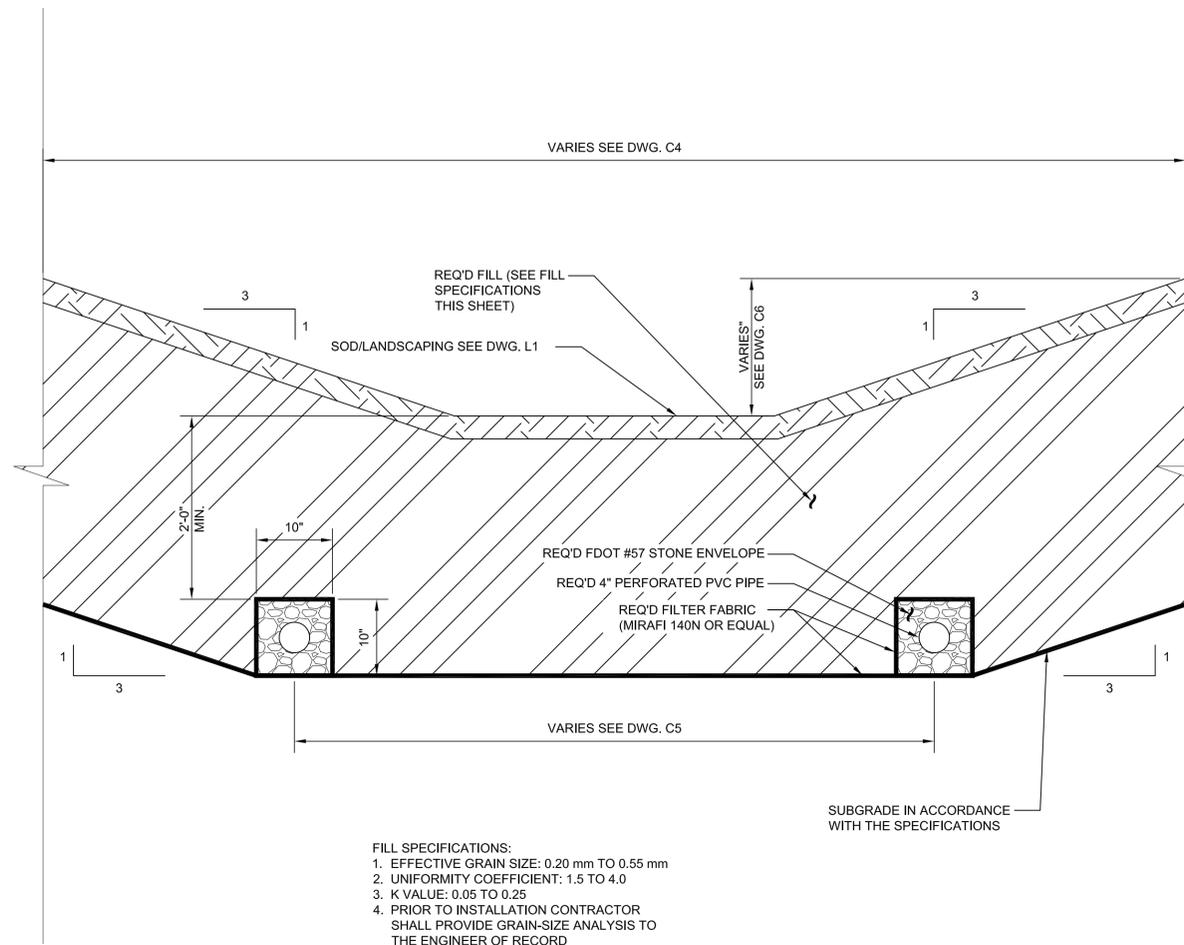
1. SEE TOP OF CASTING AND
INVERT ELEVATIONS OF NEW
MANHOLE ON PLANS TO
DETERMINE ACTUAL DEPTH OF
MANHOLE.



1 PRECAST OUTFALL CONTROL STRUCTURE DETAIL

C4 | C11

NOT TO SCALE



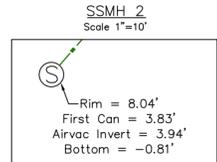
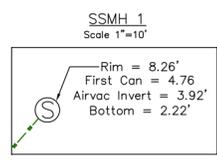
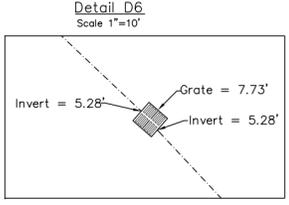
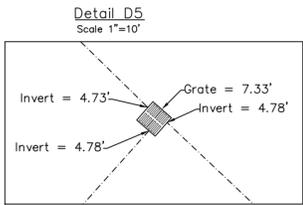
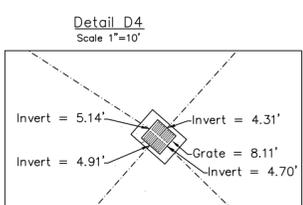
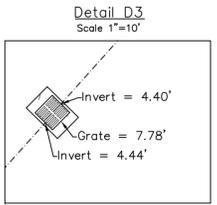
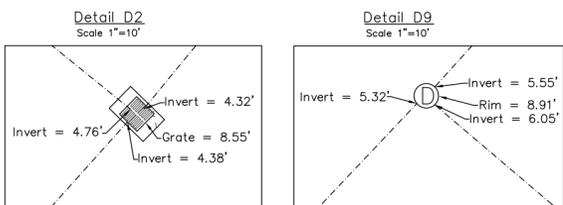
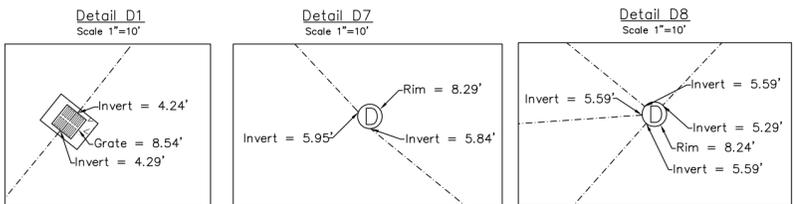
FILL SPECIFICATIONS:

1. EFFECTIVE GRAIN SIZE: 0.20 mm TO 0.55 mm
2. UNIFORMITY COEFFICIENT: 1.5 TO 4.0
3. K VALUE: 0.05 TO 0.25
4. PRIOR TO INSTALLATION CONTRACTOR SHALL PROVIDE GRAIN-SIZE ANALYSIS TO THE ENGINEER OF RECORD

2 DRY RETENTION POND WITH UNDERDRAIN DETAIL

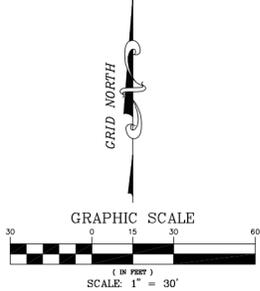
C4 | C11

NOT TO SCALE



LINE	LENGTH	BEARING
L1 (F)	99.46'	N 41°47'04" E
L1 (P)	100.00'	N/A
L2 (F)	59.54'	S 48°12'56" E
L2 (P)	60.00'	N/A
L3 (F)	59.54'	S 48°12'56" E
L3 (P)	60.00'	N/A
L4 (F)	100.00'	N 41°47'04" E

- LEGEND**
- (F) Field Distance and/or Bearing
 - (P) Plat Distance and/or Bearing
 - (D) Deed Distance and/or Bearing
 - 1/2" Capped Iron Rod Set (LB 7584)
 - 1/2" Capped Iron Rod Set (Voelker Control Points)
 - 1/2" Capped Iron Rod Found (LB 7160)
 - Permanent Control Point Found (LB 2372)
 - Benchmark
 - Backflow Preventer
 - Stop Sign
 - Round Propane Tank
 - Handicap Symbol
 - Sanitary Sewer Manhole
 - 6" PVC
 - Drainage Manhole
 - Propane/Natural Gas Tank
 - Water Valve
 - Water Meter
 - Fire Hydrant
 - Power Pole
 - Light Pole
 - Guy Anchor
 - Electrical Junction Box
 - A/C Unit
 - Overhead Electric
 - Sanitary Sewer Line
 - Water Line
 - 6" Chainlink Fence
 - 4" Wood Fence
 - 3" Metal Fence/Wood Fence
 - Oak Tree
 - Cedar Tree
 - Maple Tree
 - Asphalt Pavement
 - Concrete Pavement
 - Gravel/Limestone
 - Wood Post



SURVEYORS REPORT:

F.E.M.A. FLOOD INSURANCE RATE MAP NO. 12037C0526 F, DATED SEPTEMBER 29, 2010 INDICATES THAT THIS PROPERTY IS LOCATED IN "ZONE AE(10)". FLOOD ZONE(S) SCALED FROM THE AFOREMENTIONED FLOOD INSURANCE RATE MAP. THIS SURVEY WAS PREPARED FOR THE CLIENT'S USE AND PURPOSE AS SHOWN.

USAGE FOR ANY OTHER PURPOSE, REPRODUCTIONS (IN WHOLE OR IN PART) SHALL NOT BE MADE WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE SURVEYOR.

NO ATTEMPT HAS BEEN MADE BY VOELKER SURVEYING TO VERIFY TITLE, ACTUAL LEGAL OWNERSHIPS, DEED RESTRICTIONS, EASEMENTS, OR OTHER BURDENS ON THE PROPERTY OTHER THAN THAT FURNISHED BY THE CLIENT OR HIS REPRESENTATIVE, ALSO TITLE COMMITMENT NO. CVS 5165, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, DATED JULY 8, 2016 AT 5:00 PM. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THE COUNTY. PROPERTY IS SUBJECT TO ZONING SETBACKS AND RESTRICTIONS OF RECORD.

UTILITIES, BOTH OVERHEAD AND UNDERGROUND SHOWN, HAVE BEEN LOCATED FROM VISIBLE UTILITY FEATURES, AND PREVIOUS CONSTRUCTION DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN, COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES, EXCEPT FOR ABOVE GROUND VISIBLE UTILITY FEATURES.

THIS COMPANY AND ITS EMPLOYEES HAVE MADE NO ATTEMPT TO PHYSICALLY LOCATE UNDERGROUND FEATURES; SUCH AS FOOTINGS AND OTHER UNDERGROUND IMPROVEMENTS.

ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

ALL TIES TO PUBLIC LAND SURVEY SYSTEM MONUMENTS ARE PROPORTED.

BEARINGS BASED ON STATE PLANE COORDINATES, FLORIDA NORTH, NORTH AMERICAN DATUM (1983), ALSO THE SOUTH LINE OF BLOCK 32, CITY OF APALACHICOLA, BEING S 41° 47'04" W.

ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (1988), NATIONAL GEODETIC SURVEY, CPUS STATIC SOLUTION (GEOD 128).

T.B.M. #1 1/2" CAPPED IRON ROD (VOELKER CONTROL POINT), ELEVATION = 8.13'
T.B.M. #2 1/2" CAPPED IRON ROD (VOELKER CONTROL POINT), ELEVATION = 9.18'
T.B.M. #3 1/2" CAPPED IRON ROD (VOELKER CONTROL POINT), ELEVATION = 8.17'
T.B.M. #4 1/2" CAPPED IRON ROD (VOELKER CONTROL POINT), ELEVATION = 8.96'

REFERENCE MAPS:
a. PLAT OF CITY OF APALACHICOLA
b. FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP, SECTION NO. 49010-2553, DATED MARCH 5, 1997.

LEGAL DESCRIPTION:

PARCEL 1:
ALL OF LOTS 1 AND 2 OF BLOCK 32 OF THE CITY OF APALACHICOLA, FRANKLIN COUNTY, FLORIDA, ACCORDING TO THE MAP OR PLAT THEREOF ON FILE IN THE CLERK OF THE CIRCUIT CLERK'S OFFICE IN FRANKLIN COUNTY, FLORIDA.

PARCEL 2:
ALL OF LOT 3 OF BLOCK 32 OF THE CITY OF APALACHICOLA, FRANKLIN COUNTY, FLORIDA, ACCORDING TO THE MAP OR PLAT OF SAID CITY IN MOST COMMON USE.

PARCEL 3:
A PORTION OF LOTS 6, 7, 8, AND THE 20 FEET OF LOT 6,7,8 AND THE 20 FEET OF LOT 9 ADJACENT TO LOT 8 (BEING THAT PART OF LOT 9 FRONTING 20 FEET ON 9TH STREET AND RUNNING SAME WIDTH BACK TO THE ALLEY), OF BLOCK 32 OF THE CITY OF APALACHICOLA, FRANKLIN COUNTY, FLORIDA, ACCORDING TO THE MAP OR PLAT OF SAID CITY IN MOST COMMON USE.

PARCEL 4:
LOT 8 OF BLOCK 32 OF THE CITY OF APALACHICOLA, FRANKLIN COUNTY, FLORIDA, ACCORDING TO THE MAP OR PLAT THEREOF ON FILE IN THE CLERK OF THE CIRCUIT CLERK'S OFFICE IN FRANKLIN COUNTY, FLORIDA, LESS AND EXCEPT THE NORTH 20 FEET THEREOF.

AND

THE NORTH 20 FEET OF LOT 9 OF BLOCK 32, WHICH 20 FEET LIE ADJACENT TO LOT 8, BLOCK 32 OF THE CITY OF APALACHICOLA, FRANKLIN COUNTY, FLORIDA, ACCORDING TO THE MAP OR PLAT THEREOF ON FILE IN THE CLERK OF THE CIRCUIT CLERK'S OFFICE IN FRANKLIN COUNTY, FLORIDA.

PARCEL 5:
LOT 10, AND THE SOUTHERLY 40 FEET OF LOT 9, ALL IN BLOCK 32 OF THE CITY OF APALACHICOLA, AS PER MAP OR PLAT IN COMMON USE OF FILE AT THE CLERK OF THE CIRCUIT OFFICE IN FRANKLIN COUNTY, FLORIDA.

CERTIFICATION:

To:
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 6(a), 6(b), 7(a), 8, 9, 11(a), 11(b), 13, 19, 20(a) & 21 of Table A thereof. The field work was completed on February 9, 2015.

Ronald J. Voelker, Jr.
Florida Licensed Professional Surveyor and Mapper #6628

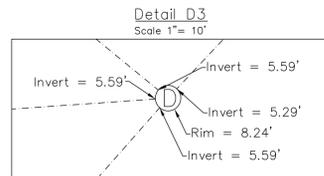
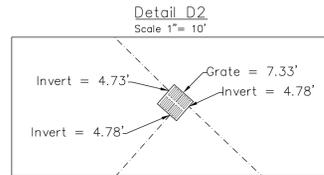
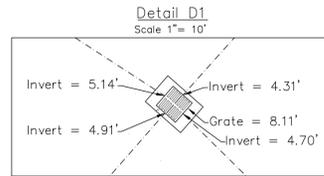
Date

REVISIONS

Voelker Surveying
Santa Rosa Beach, Florida 32459
110 Logan Lane, Suite 4
850.231.6300 Fax: 850.231.6305
Phone: 850.231.6300
www.voelkersurvey.com

AN ALTA/ACSM SURVEY FOR CVS
Lots 1,2,3 & Lots 6,7,8,9,10, City of Apalachicola, Franklin County, Florida

Job# 7997
Field Book: 406
Field Date: 3 Aug. 16
APPROVED BY: RV
DRAWN BY: CWB
DATE: 23 Aug 2016
SCALE: 1" = 30'
SHEET 1 OF 1

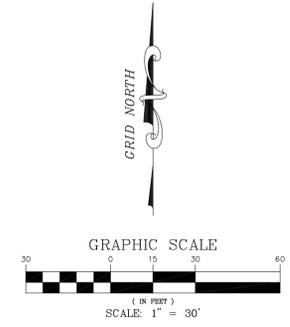
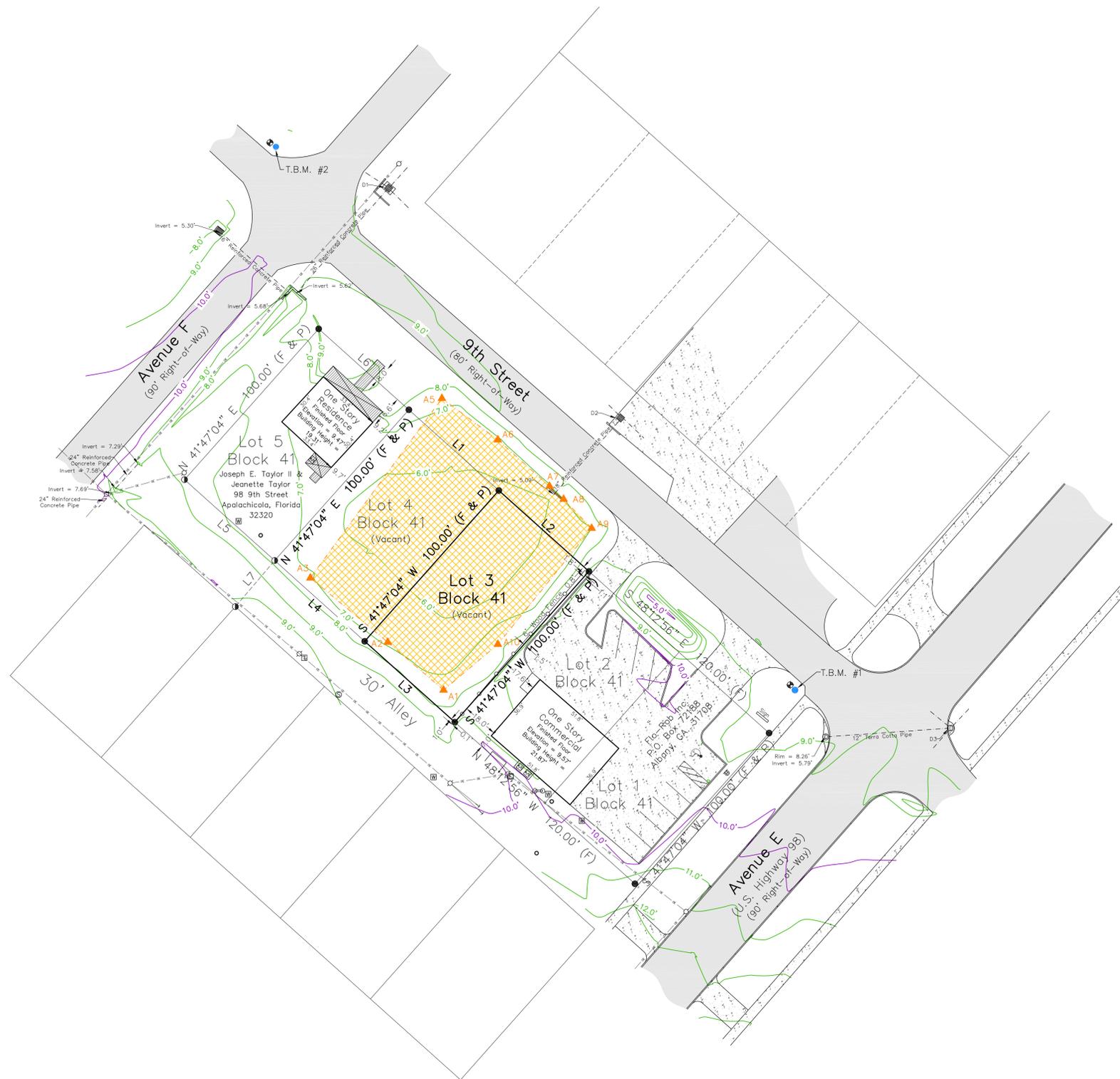


LINE TABLE

LINE	LENGTH	BEARING
L1 (F)	58.93'	S 48°12'56" E
L1 (P)	60.00'	N/A
L2 (F)	60.00'	S 48°12'56" E
L3 (F)	60.00'	N 48°12'56" W
L4 (F)	58.93'	N 48°12'56" W
L4 (P)	60.00'	N/A
L5 (F)	60.00'	N 48°12'56" W
L5 (P)	60.00'	N/A
L6 (F)	60.00'	S 48°12'56" E
L6 (P)	60.00'	N/A
L7 (F)	30.01'	N 40°36'14" E

LEGEND

- (F) Field Distance and/or Bearing
- (P) Plat Distance and/or Bearing
- 1/2" Capped Iron Rod Set (LB 7584)
- 1/2" Capped Iron Rod Set (Voelker Control Point)
- 1/2" Capped Iron Rod Found (LB 7160)
- ⊕ Benchmark
- ⊖ Backflow Preventer
- Ⓜ Mail Box
- ⊙ Sanitary Sewer Manhole
- ⊙ Water Meter
- ⊕ Power Pole
- ⊕ Guy Anchor
- ⊕ Electrical Junction Box
- ⊕ A/C Unit
- ⊕ Telephone Pedestal
- ⊕ Overhead Electric
- ⊕ 4" Wood Fence
- ⊕ Asphalt Pavement
- ⊕ Concrete Pavement
- ⊕ Wood
- ⊕ Wetlands Area
- ⊕ Handicap Symbol
- ⊕ Handicap Sign
- ⊕ Street Sign
- ⊕ 4" Vertical PVC Pipe



SURVEYORS REPORT:

F.E.M.A. FLOOD INSURANCE RATE MAP NO. 12037C0526 F, DATED FEBRUARY 5, 2014 INDICATES THAT THIS PROPERTY IS LOCATED IN "ZONE AE(10)". FLOOD ZONE(S) SCALED FROM THE AFORESAID FLOOD INSURANCE RATE MAP. THIS SURVEY WAS PREPARED FOR THE CLIENT'S USE AND PURPOSE AS SHOWN.

USAGE FOR ANY OTHER PURPOSE, REPRODUCTIONS (IN WHOLE OR IN PART) SHALL NOT BE MADE WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE SURVEYOR.

THE RELATIVE ERROR OF CLOSURE OF THIS SURVEY & PLAT IS WITHIN THE ALLOWABLE TOLERANCE FOR SUBURBAN SURVEYS (1" IN 7500') ACCORDING TO THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA.

NO ATTEMPT HAS BEEN MADE BY VOELKER SURVEYING TO VERIFY TITLE, ACTUAL LEGAL OWNERSHIPS, DEED RESTRICTIONS, EASEMENTS, OR OTHER BURDENS ON THE PROPERTY OTHER THAN THAT FURNISHED BY THE CLIENT OR HIS REPRESENTATIVE. ALSO TITLE COMMITMENT NO. 17-00409/4017004825J, BY CHICAGO TITLE INSURANCE COMPANY, DATED MAY 10, 2017 AT 8:00 AM, NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THE COUNTY. PROPERTY IS SUBJECT TO ZONING SETBACKS AND RESTRICTIONS OF RECORD.

UTILITIES, BOTH OVERHEAD AND UNDERGROUND SHOWN, HAVE BEEN LOCATED FROM VISIBLE UTILITY FEATURES, AND PREVIOUS CONSTRUCTION DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN, COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES, EXCEPT FOR ABOVE GROUND VISIBLE UTILITY FEATURES.

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ALL TIES TO PUBLIC LAND SURVEY SYSTEM MONUMENTS ARE PROPORTED.

BEARINGS BASED ON STATE PLANE COORDINATES, FLORIDA NORTH, NORTH AMERICAN DATUM (1983), ALSO THE SOUTH RIGHT-OF-WAY OF 9TH STREET BEING S 48°12'56" E.

ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (1988), NATIONAL GEODETIC SURVEY, OPUS STATIC SOLUTION (GEOID 12B).
T.B.M. #1 1/2" CAPPED IRON ROD (VOELKER CONTROL POINT), ELEVATION = 8.13'
T.B.M. #2 1/2" CAPPED IRON ROD (VOELKER CONTROL POINT), ELEVATION = 9.18'

REFERENCE MAPS:
a. PLAT OF CITY OF APALACHICOLA
b. FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP, SECTION NO. 49010-2553, DATED MARCH 5, 1997.
c. BOUNDARY SURVEY OF LOTS 1-3 & LOTS 6-10, BLOCK 32, CITY OF APALACHICOLA, BY VOELKER SURVEYING, DATED AUGUST 23, 2016.

LEGAL DESCRIPTION:

LOT 3, IN BLOCK 41, OF THE CITY OF APALACHICOLA, ACCORDING TO THE PLAT THEREOF, RECORDED IN THE PUBLIC RECORDS OF FRANKLIN COUNTY, FLORIDA.

CERTIFICATION:

To: CVS Pharmacy, Inc., its parent, affiliates & subsidiaries, and their successors, assigns & grantees; CVS Health Corporation, Holstead, LLC; Holland & Knight, LLP.; & T Investments, LLC., An Alabama Limited Liability Company

This is to certify that this map or plat of the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 6(a), 6(b), 7(a), 8, 9, 11, 13, 19, 20(a) & 21 of Table A thereof. The field work was completed on 25 May, 2017.

Ronald J. Voelker, Jr.
Florida Licensed Professional Surveyor and Mapper #6628

Survey Map & Report or the copies thereof are not valid without the signature and the original rolled seal of a Florida licensed Surveyor & Mapper

Date

Voelker Surveying
Santa Rosa Beach, Florida 32459
110 Logan Lane, Suite 4
Phone: 850.231.6300 Fax: 850.231.6305
web: voelkersurvey.com

AN ALTA/NSPS SURVEY FOR
CVS PHARMACY, INC.
Lot 3, Block 41, City of Apalachicola, Franklin County, Florida

Job# 9071
Field Book: 452
Field Date: 25 May 2017
APPROVED BY: RV
DRAWN BY: CWB
DATE: 30 May 2017
SCALE: 1" = 30'
SHEET 1 OF 1

REVISIONS



Know what's below.
Call before you dig.

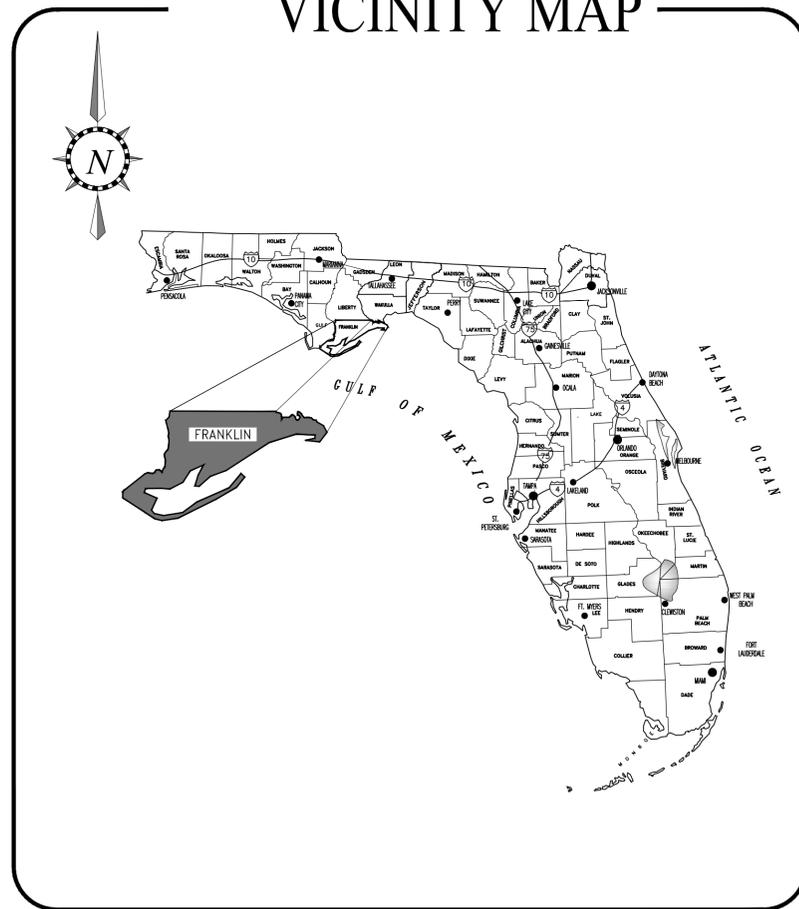


CONSTRUCTION PLANS FOR APALACHICOLA DRAINAGE AND STORMWATER IMPROVEMENTS AVENUE "F" & "G"

PREPARED FOR:

CITY OF APALACHICOLA Franklin County, Florida

VICINITY MAP



SHEET	DESCRIPTION:
C1	COVER SHEET
C2	GENERAL NOTES
C3	TOPOGRAPHIC SURVEY
C4	OVERALL DEMOLITION & EROSION PLAN
C5	SWPPP
C6	SITE, PAVING, GRADING & DRAINAGE PLAN (AVENUE F)
C7	SITE, PAVING, GRADING & DRAINAGE PLAN (AVENUE G)
C8	GENERAL DETAILS

REV. NO.	REV. DATE	REVISION DESCRIPTION	RELEASED TO	RELEASE DATE

LOCATION MAP



OCTOBER 2018

PREPARED BY:



Dewberry®

PROJECT NUMBER: 50105885

EB# 0006155

OWNER, DEVELOPER, AGENT

OWNER/DEVELOPER:

CITY OF APALACHICOLA
1 AVENUE EAST
APALACHICOLA, FL 32320
PHONE: 850-653-3886

ENGINEER/AGENT:

DEWBERRY INC.
502 E PARK AVE.
TALLAHASSEE, FL 32301

ERRORS AND OMISSIONS, IF ANY, IN THESE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS SHALL BE NOTED AT ONCE AND CALLED TO THE ENGINEER'S ATTENTION PRIOR TO SUBMITTING BIDS.
ALL CORRESPONDENCE IN REGARDS TO THESE CONSTRUCTION/BID DOCUMENTS SHALL BE DIRECTED TO AYODEJI O. AJOSE-ADEOGUN, P.E. AT PREBLE-RISH, INC. CONSULTING ENGINEERS 502 E PARK AVE. TALLAHASSEE, FL 32301 (850)523-0062

**Issued for
Permitting**
11/28/2018 2:08:29

AYODEJI O. AJOSE-ADEOGUN, P.E.
P.E. #: 65524

DATE:



Know what's below.
Call before you dig.

sunshine state

ONE CALL
of florida

60% CONSTRUCTION DOCUMENTS FOR:

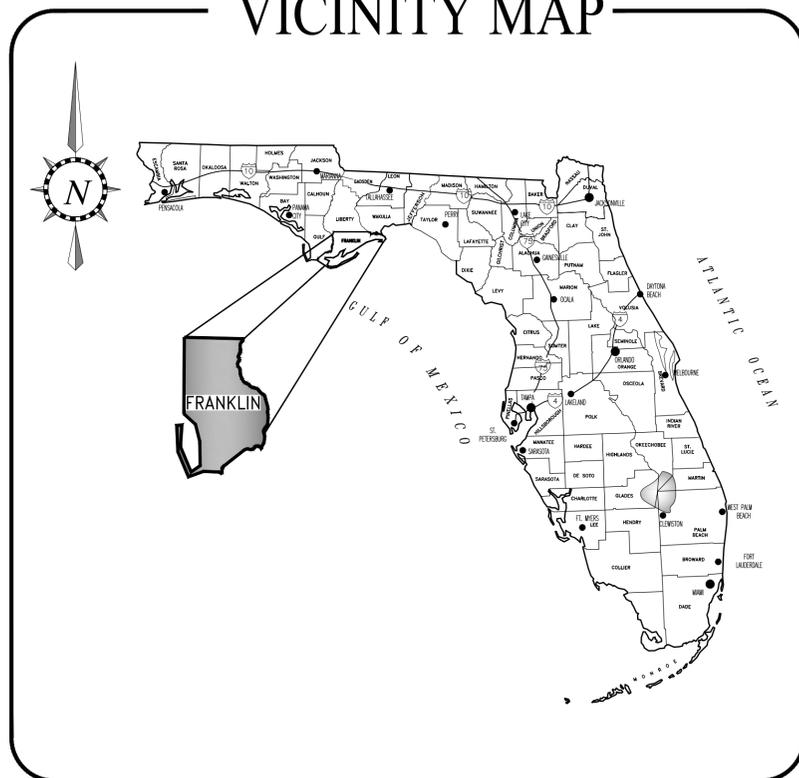
APALACHICOLA SITE IMPROVEMENTS FOR AVENUE "G" & WATER STREET

PREPARED FOR:

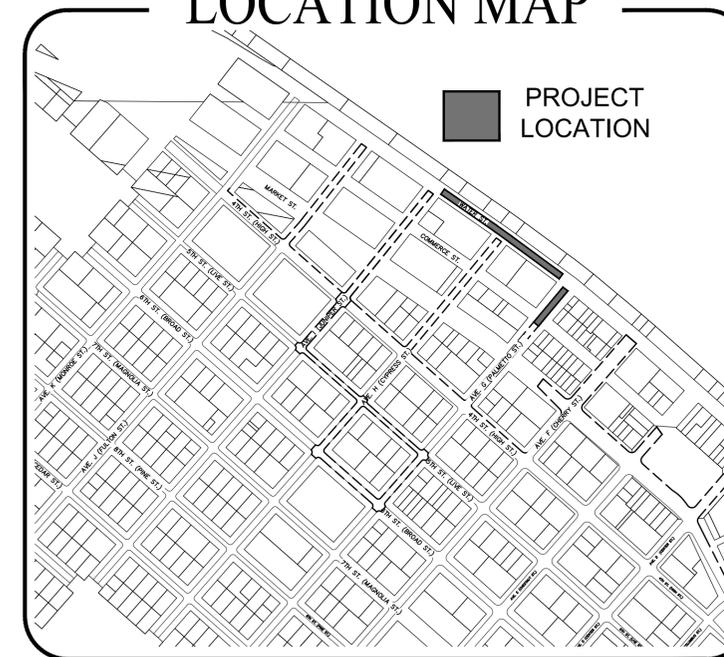
CITY OF APALACHICOLA FRANKLIN COUNTY FLORIDA



VICINITY MAP



LOCATION MAP



SHEET	DESCRIPTION:
C1	COVER SHEET
C2	GENERAL NOTES & S.W.P.P. PLAN
C3	EXISTING CONDITIONS (SHEETS S1-S2)
C4	OVERALL DEMOLITION & EROSION PLAN
C5	SITE PAVING, GRADING & DRAINAGE PLAN (AVENUE "G")
C6	SITE PAVING, GRADING & DRAINAGE PLAN (WATER STREET)
C7	GENERAL DETAILS

REV. NO.	REV. DATE	REVISION DESCRIPTION	RELEASED TO	RELEASE DATE

OWNER, DEVELOPER, AGENT

OWNER/DEVELOPER: CITY OF APALACHICOLA
192 COACH WAGONER BLVD
APALACHICOLA, FLORIDA 32320
850.653.3886

ENGINEER/AGENT: DEWBERRY ENGINEERS INC.
101 N. MONROE STREET
SUITE 710
TALLAHASSEE, FL 32304
850.532.0062

SURVEYOR: DEWBERRY ENGINEERS INC.
203 ABERBEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644

ISSUED FOR PERMITTING ONLY

APRIL 2020

PREPARED BY:



PROJECT NUMBER: 50105885

EB# 0008794

ERRORS AND OMISSIONS, IF ANY, IN THESE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION. GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS.

GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS SHALL BE NOTED AT ONCE AND CALLED TO THE ENGINEER'S ATTENTION PRIOR TO SUBMITTING BIDS.

ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS SHALL BE NOTED AT ONCE AND CALLED TO THE ENGINEER'S ATTENTION 48 HOURS PRIOR TO SUBMITTING BIDS.

ALL CORRESPONDENCE IN REGARDS TO THESE CONSTRUCTION/BID DOCUMENTS SHALL BE DIRECTED TO AYODEJI AJOSE-ADEOGUN, P.E. AT DEWBERRY ENGINEERS INC., 101 N. MONROE ST, STE: 710, TALLAHASSEE, FL 32301. PHONE: (850) 523.0062.

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS CURRENT EDITION, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CURRENT EDITION, AS AMENDED BY CONTRACT DOCUMENTS. FOR DESIGN STANDARDS CLICK ON "DESIGN STANDARDS" AT THE FOLLOWING WEB SITE: [HTTP://WWW.DOT.STATE.FL.US/RDDDESIGN/](http://www.dot.state.fl.us/rddesign/)

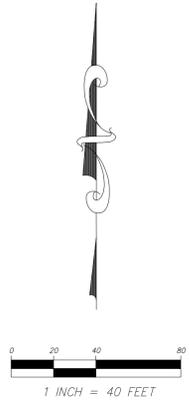
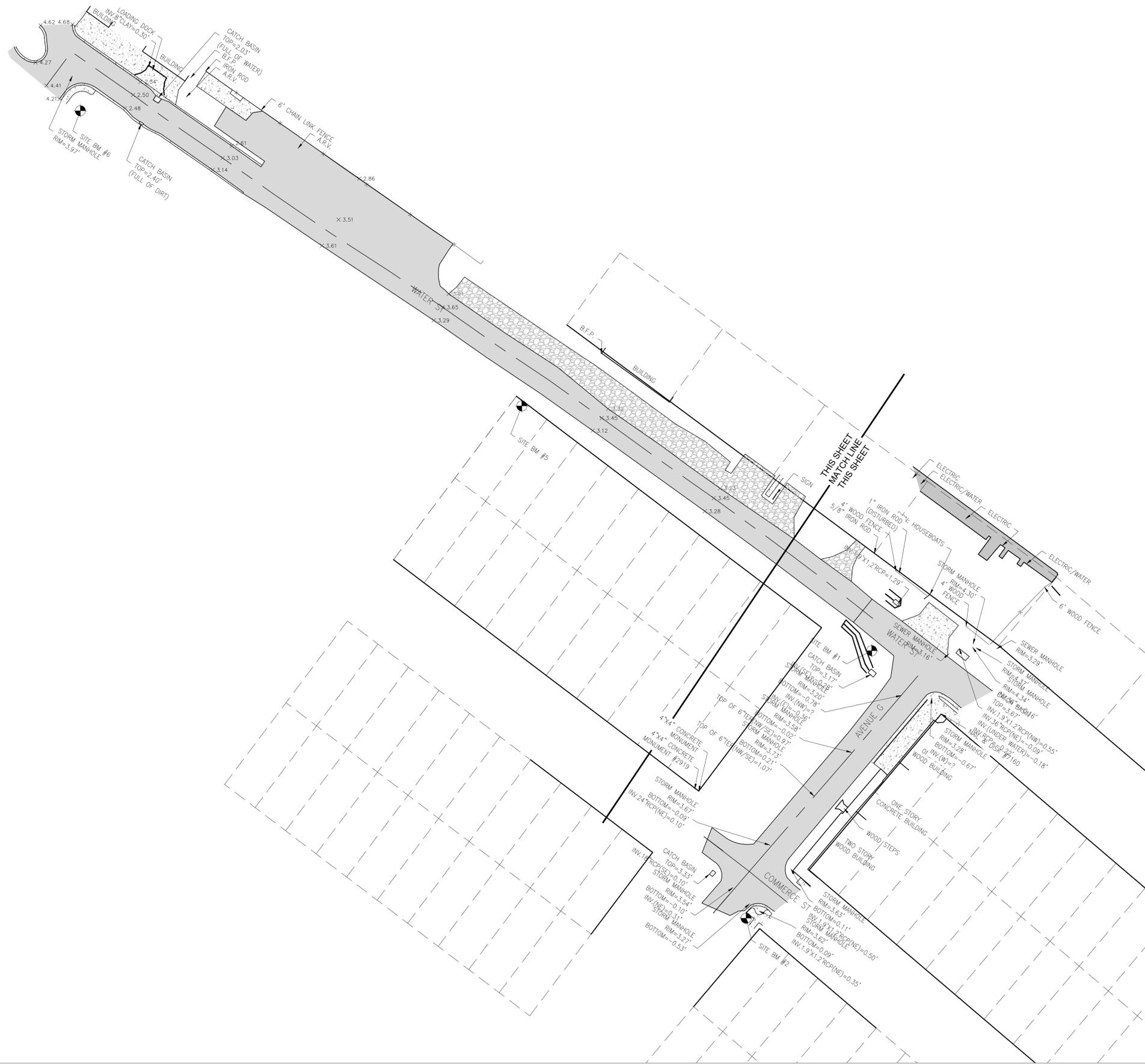
FOR THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CLICK ON THE "STANDARD SPECIFICATIONS" LINK AT THE FOLLOWING WEB SITE: [HTTP://WWW.DOT.STATE.FL.US/PROGRAMMANAGEMENT](http://www.dot.state.fl.us/programmanagement)

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AYODEJI AJOSE-ADEOGUN ON THE DATE NOTED ON THE ELECTRONIC SIGNATURE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

AYODEJI AJOSE-ADEOGUN, P.E.
P.E. #: 65524

DATE:



- SOURCE BENCHMARKS:**
1. FOUND CONCRETE MONUMENT 872 8 8690F - ELEVATION = 2.41'

- SITE BENCHMARKS:**
1. SET NAIL & DISK L.B. 8011 IN UTILITY POLE - ELEVATION = 4.01'
 2. SET NAIL & DISK L.B. 8011 IN UTILITY POLE - ELEVATION = 4.28'
 3. SET NAIL & DISK L.B. 8011 IN UTILITY POLE - ELEVATION = 4.96'
 4. SET NAIL & DISK L.B. 8011 IN UTILITY POLE - ELEVATION = 4.96'
 5. SET NAIL & DISK L.B. 8011 IN UTILITY POLE - ELEVATION = 3.86'
 6. SET NAIL & DISK L.B. 8011 IN UTILITY POLE - ELEVATION = 3.63'

SYMBOLS & ABBREVIATIONS:

- # = NUMBER
- L.B. = LICENSED BUSINESS
- P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
- INV. = INVERT
- TER = TERRCOTA PIPE
- RCP = REINFORCED CONCRETE PIPE
- B.F.P. = BACK FLOW PREVENTER
- A.R.V. = AIR RELEASE VALVE
- ⊥ = TRAFFIC SIGN
- ⊥ = WATER VALVE
- ⊥ = WATER METER
- ⊥ = SANITARY SEWER VALVE
- ⊥ = SANITARY SEWER MANHOLE
- ⊥ = STORM SEWER MANHOLE
- ⊥ = STUBOUT
- ⊥ = CLEANOUT
- ⊥ = SITE BENCHMARK
- ⊥ = CONCRETE/WOOD BOLLARD
- ⊥ = GUY ANCHOR
- ⊥ = UTILITY POLE
- ⊥ = TELEPHONE BOX
- ⊥ = CONTOUR ELEVATION AT 1" INTERVALS
- = OVERHEAD UTILITY LINE
- = SPOT ELEVATION AT "X"
- X = EXISTING ASPHALT PAVEMENT
- ▨ = EXISTING CONCRETE
- ▨ = EXISTING WOOD DECK
- ▨ = EXISTING GRAVEL/SHELL

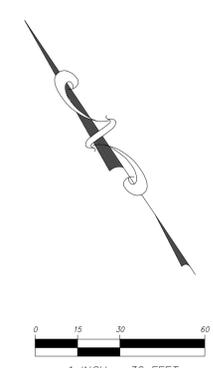
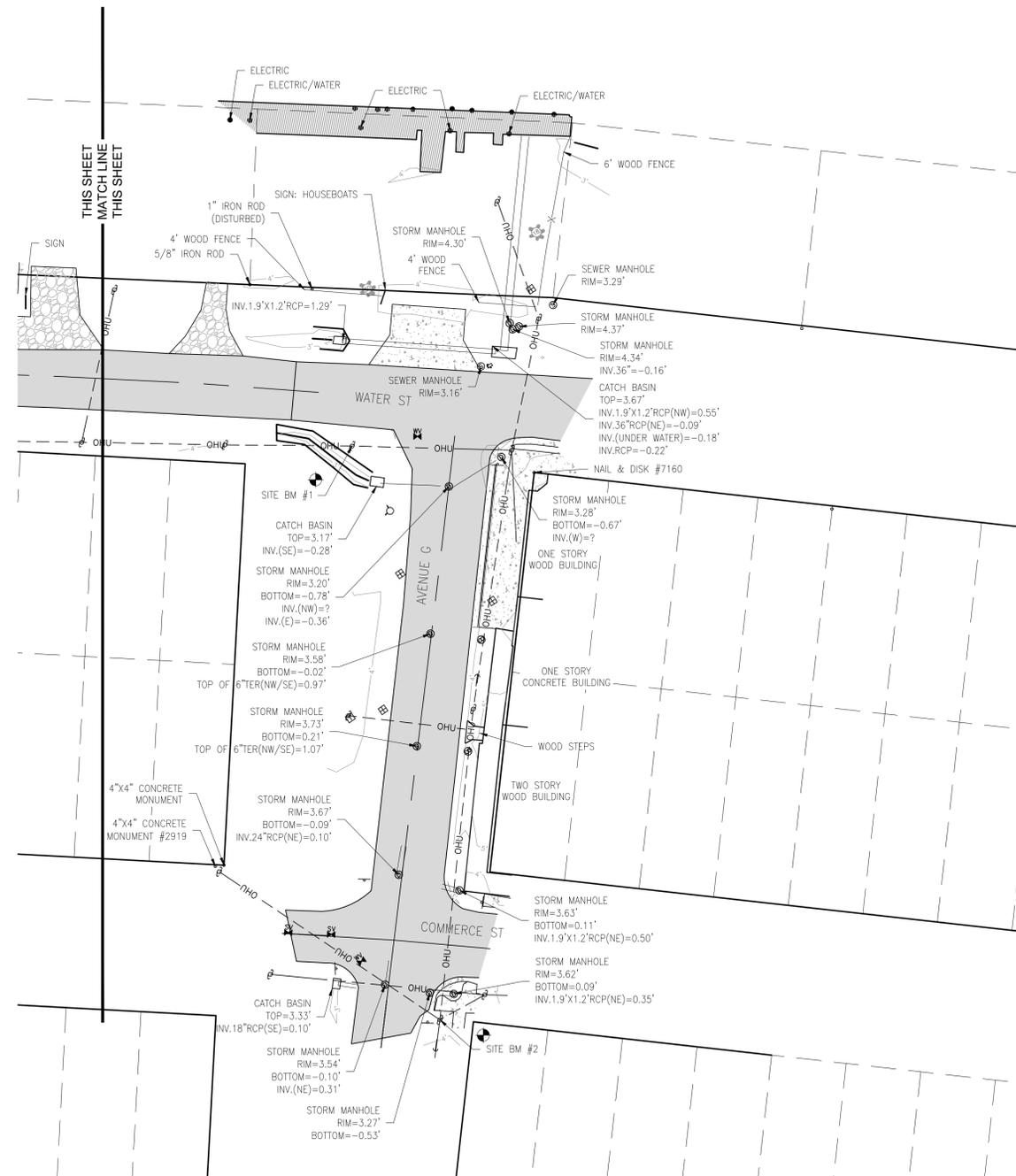
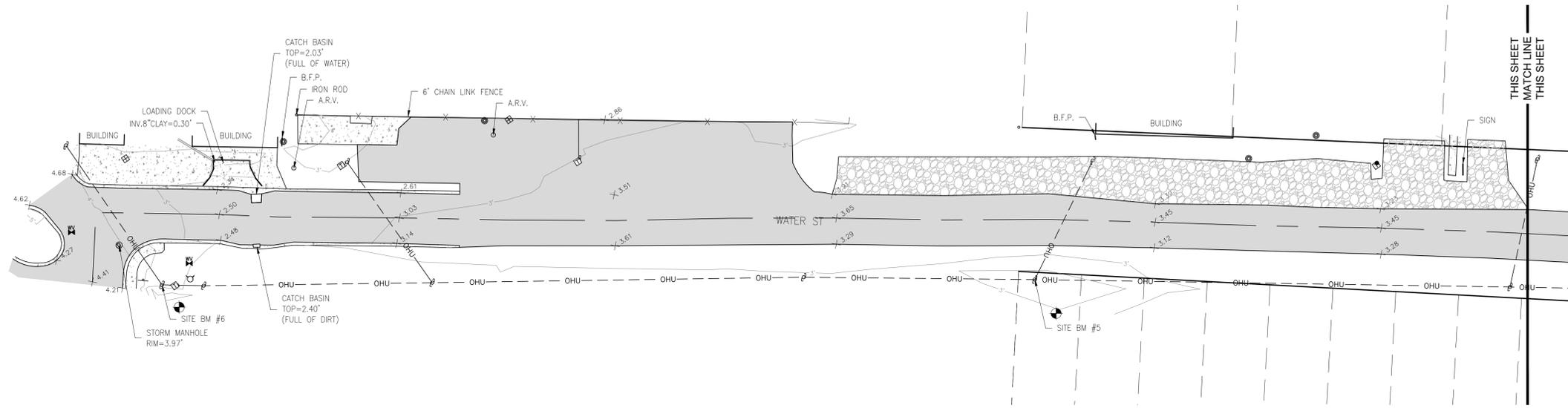
REV	DATE	BY	DESCRIPTION
1	2/10/20	AF	ADDITIONAL TOPOGRAPHIC DATA

Dewberry
 DEWBERRY ENGINEERS, INC.
 10000 W. WASHINGTON AVENUE
 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION NO. LB 8011

DAVID JON BARRETT, P.S.M. DATE SIGNED
 PROFESSIONAL SURVEYOR & MAPPER No. 150105

TOPOGRAPHIC SURVEY
 SECTION 6, TOWNSHIP 9
 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

FB/PG	257/64-65
FIELD DATE	8/27/2018
DRAWING DATE	8/28/2018
BY	AF
APPROVED	DJB
PROJECT NO.	50105885
SCALE	1" = 40'



FE/PG	DATE	DRAWN	REVISION	ADDITIONAL TOPOGRAPHIC DATA
N/A	2/10/20	AF		

Dewberry
 DEWBERRY ENGINEERS, INC.
 10000 W. UNIVERSITY BLVD.
 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION NO. LB 8011

DAVID JON BARRETT, P.E.M.
 PROFESSIONAL SURVEYOR & MAPPER NO. 15040

TOPOGRAPHIC SURVEY
 SECTION 6, TOWNSHIP 9
 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

FB/PG	257/64-65
FIELD DATE	8/27/2018
DRAWING DATE	8/28/2018
BY	AF
APPROVED	DJB
PROJECT NO.	50105885
SCALE	1" = 30'

S2

August 12, 2024 (10:01:46 EST)
 DRAWING NAME: M:\50156541_APALACHICOLA_STORMWATER_REPAIR\SURVEY\DWG\50156541 - TSDWG 5(C) BY: AFURR

SYMBOLS & ABBREVIATIONS:

- R/W = RIGHT OF WAY
- L.B. = LICENSED BUSINESS
- P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
- B.F.P. = BACK FLOW PREVENTER
- INV. = INVERT
- VCP = VITRIFIED CLAY PIPE
- PVC = POLYVINYL CHLORIDE
- CMP = CORRUGATED METAL PIPE
- CPP = CORRUGATED PLASTIC PIPE
- RCP = REINFORCED CONCRETE PIPE
- ERCP = ELLIPTICAL REINFORCED CONCRETE PIPE
- ⊕ = FOUND 1/2" CAPPED IRON ROD
- ⊙ = FOUND NAIL AND DISK
- ⊙ = FOUND 4" BY 4" CONCRETE MONUMENT
- ⊙ = LAMP POLE
- ⊙ = TRAFFIC SIGN
- ⊙ = MAILBOX
- ⊙ = WATER VALVE
- ⊙ = WATER METER
- ⊙ = FIRE HYDRANT
- ⊙ = SANITARY SEWER VALVE
- ⊙ = SANITARY SEWER MANHOLE
- ⊙ = IRRIGATION CONTROL VALVE
- ⊙ = CLEANOUT
- ⊙ = WOOD POST
- ⊙ = GUY ANCHOR
- ⊙ = UTILITY POLE
- ⊙ = FLAG POLE
- ⊙ = BURIED FIBER OPTIC CABLE MARKER
- ⊙ = ELECTRIC BOX
- ⊙ = TELEPHONE BOX
- ⊙ = TELEVISION BOX
- X ELEV = SPOT ELEVATION AT "X"
- 10- = CONTOUR ELEVATION AT 1' INTERVALS
- ⊙ = EXISTING CEDAR TREE (DIAMETER SHOWN IN INCHES)
- OHU- = OVERHEAD UTILITY LINE
- ▒ = EXISTING ASPHALT PAVEMENT
- ▒ = EXISTING CONCRETE
- ▒ = EXISTING DIRT/GRAVEL
- ▒ = EXISTING RIP RAP
- ▒ = EXISTING BRICK PAVER
- ▒ = EXISTING LANDSCAPE AREA
- ▒ = EXISTING BUILDING

SURVEYOR'S NOTES:

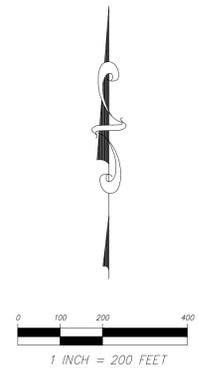
1. THIS SURVEY IS REFERENCED TO FLORIDA STATE PLANE COORDINATES, NORTH ZONE, NAD 1983(1983), U.S. SURVEY FEET, N.G.S. MONUMENT "872 8690 D" AND "J 45" WERE RECOVERED AND CHECKED INTO DURING THIS SURVEY.
2. VERTICAL DATUM SHOWN HEREON IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), PER N.G.S. MONUMENT "872 8690 D" AND "J 45".
3. THIS SURVEY, MAP, AND REPORT IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
4. NO ATTEMPT HAS BEEN MADE BY DEWBERRY ENGINEERS INC. TO LOCATE OR DETERMINE UNDERGROUND UTILITIES, UTILITY LINES, FOUNDATIONS, OR OTHER UNDERGROUND STRUCTURES, EXCEPT AS SHOWN.

SOURCE CONTROL POINTS:

DESCRIPTION	NORTHING	EASTING	ELEV. (NAVD 1988)
S1 FOUND N.G.S. MONUMENT "872 8690 D"	264345.41'	1815261.83'	11.44'
S2 FOUND N.G.S. MONUMENT "J 45"	264238.41'	1815107.57'	14.89' (NOT GRAPHICALLY SHOWN)

TEMPORARY SITE CONTROL POINTS:

DESCRIPTION	NORTHING	EASTING	ELEV. (NAVD 1988)
T1 SET 5/8" CAPPED IRON ROD L.B. 8011	264353.44'	1815179.41'	11.81'
T2 SET 5/8" CAPPED IRON ROD L.B. 8011	264451.95'	1815315.38'	8.08'
T3 SET 5/8" CAPPED IRON ROD L.B. 8011	264479.91'	1815530.49'	4.77'
T4 X IN CONCRETE	264944.28'	1815053.51'	9.45'
T5 SET 5/8" CAPPED IRON ROD L.B. 8011	265221.88'	1814780.68'	6.01'
T6 SET 5/8" CAPPED IRON ROD L.B. 8011	265475.86'	1814495.25'	4.52'
T7 SET 5/8" CAPPED IRON ROD L.B. 8011	265712.96'	1814206.32'	3.76'
T8 SET NAIL & DISK L.B. 8011	263744.53'	1814600.57'	10.86'
T9 SET NAIL & DISK L.B. 8011	263771.78'	1814100.52'	10.54'
T10 SET NAIL & DISK L.B. 8011	263300.10'	1813692.23'	15.72'
T11 SET NAIL & DISK L.B. 8011	264489.20'	1814250.40'	10.56'
T12 SET NAIL & DISK L.B. 8011	264812.27'	1813934.54'	9.00'
T13 SET NAIL & DISK L.B. 8011	264822.04'	1813430.09'	6.92'
T14 SET NAIL & DISK L.B. 8011	265102.90'	1812639.64'	15.20'
T15 SET NAIL & DISK L.B. 8011	265536.86'	1813059.47'	10.83'
T16 SET NAIL & DISK L.B. 8011	265991.26'	1813415.53'	4.14'
T17 SET NAIL & DISK L.B. 8011	264041.34'	1814823.09'	12.16'



INDEX OF SHEETS:
 1 - OVERALL SITE, CONTROL POINTS, SURVEYOR'S NOTES, AND LEGEND.
 2 - 9 TOPOGRAPHIC SURVEY DETAILS.

NO.	REVISIONS	BY	DATE

TOPOGRAPHIC SURVEY
 APALACHICOLA STORM WATER REPAIR
 SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

FIELD BOOK/PAGE: 347/8
 FIELD DATE: 08/08/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 200'
 APPROVED BY: RD

Dewberry
 DEWBERRY ENGINEERS, INC.
 203 ABERDEEN PARKWAY
 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 1 OF 9

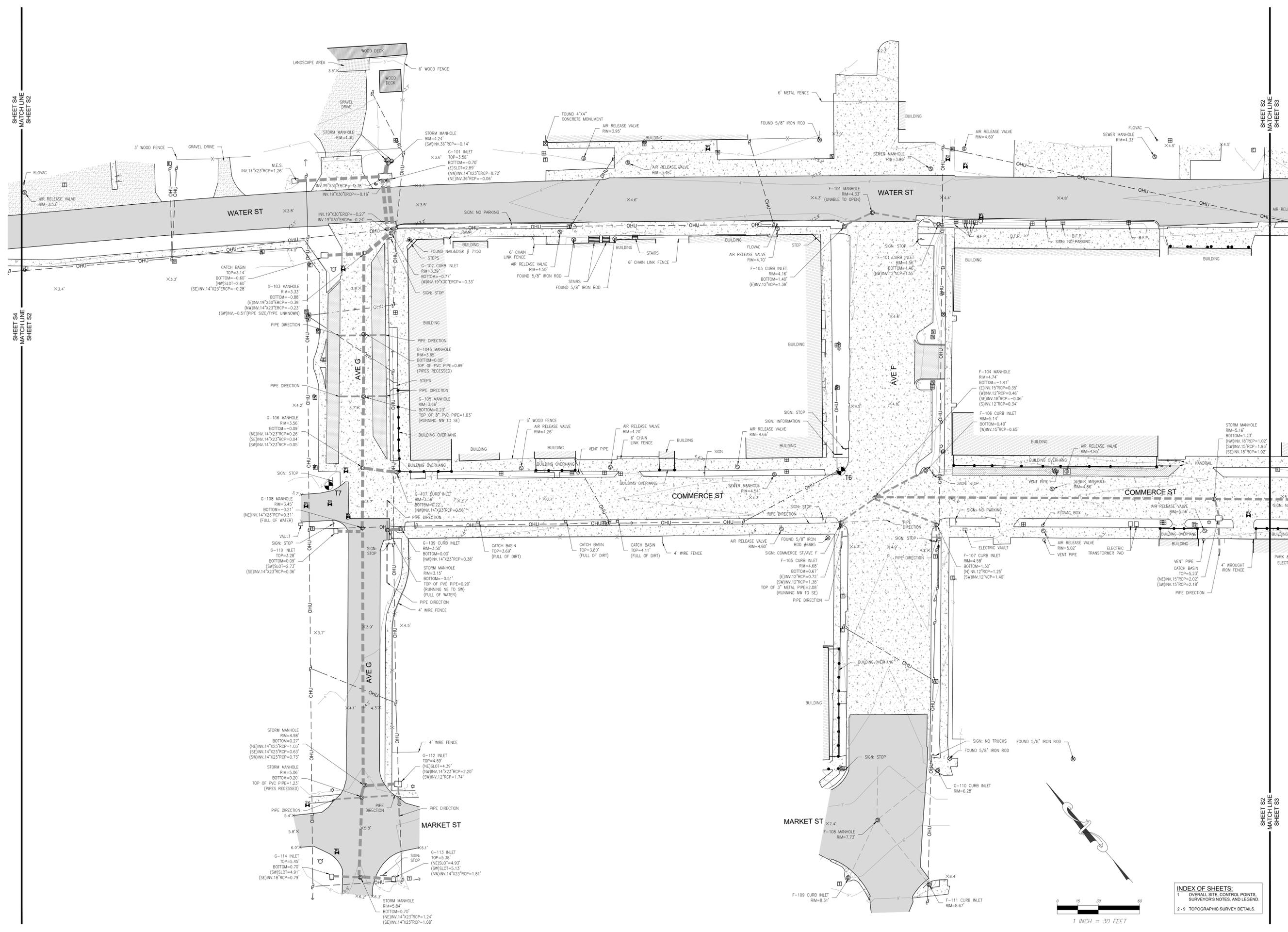
A

B

C

D

E



NO.	REVISIONS	DATE	BY

DAVID OHU, LICENSED PROFESSIONAL SURVEYOR & MAPPER, NO. 153008

TOPOGRAPHIC SURVEY
APALACHICOLA STORM WATER REPAIR
SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
FRANKLIN COUNTY, FLORIDA

FIELD BOOK/PAGE: 347/6
 FIELD DATE: 08/06/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 30'
 APPROVED BY: RD

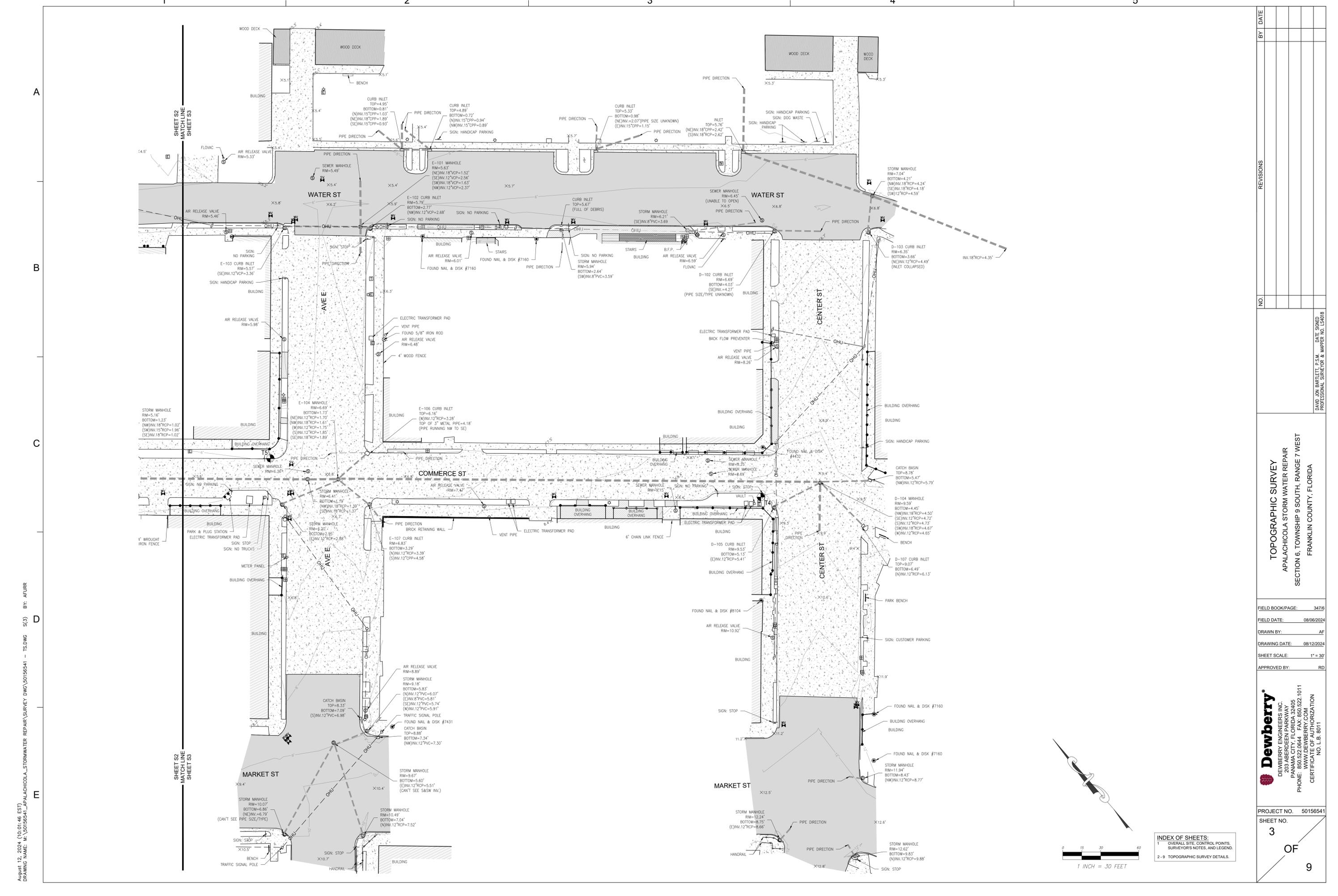
Dewberry
 DEWBERRY ENGINEERS, INC.
 203 ABERDEEN PARKWAY
 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 2 OF 9

INDEX OF SHEETS:

1	OVERALL SITE, CONTROL POINTS, SURVEYORS NOTES, AND LEGEND.
2-9	TOPOGRAPHIC SURVEY DETAILS.

August 12, 2024 (10:01:46 EST)
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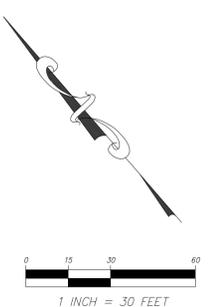
NO.	REVISIONS	BY	DATE

TOPOGRAPHIC SURVEY
APALACHICOLA STORM WATER REPAIR
 SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

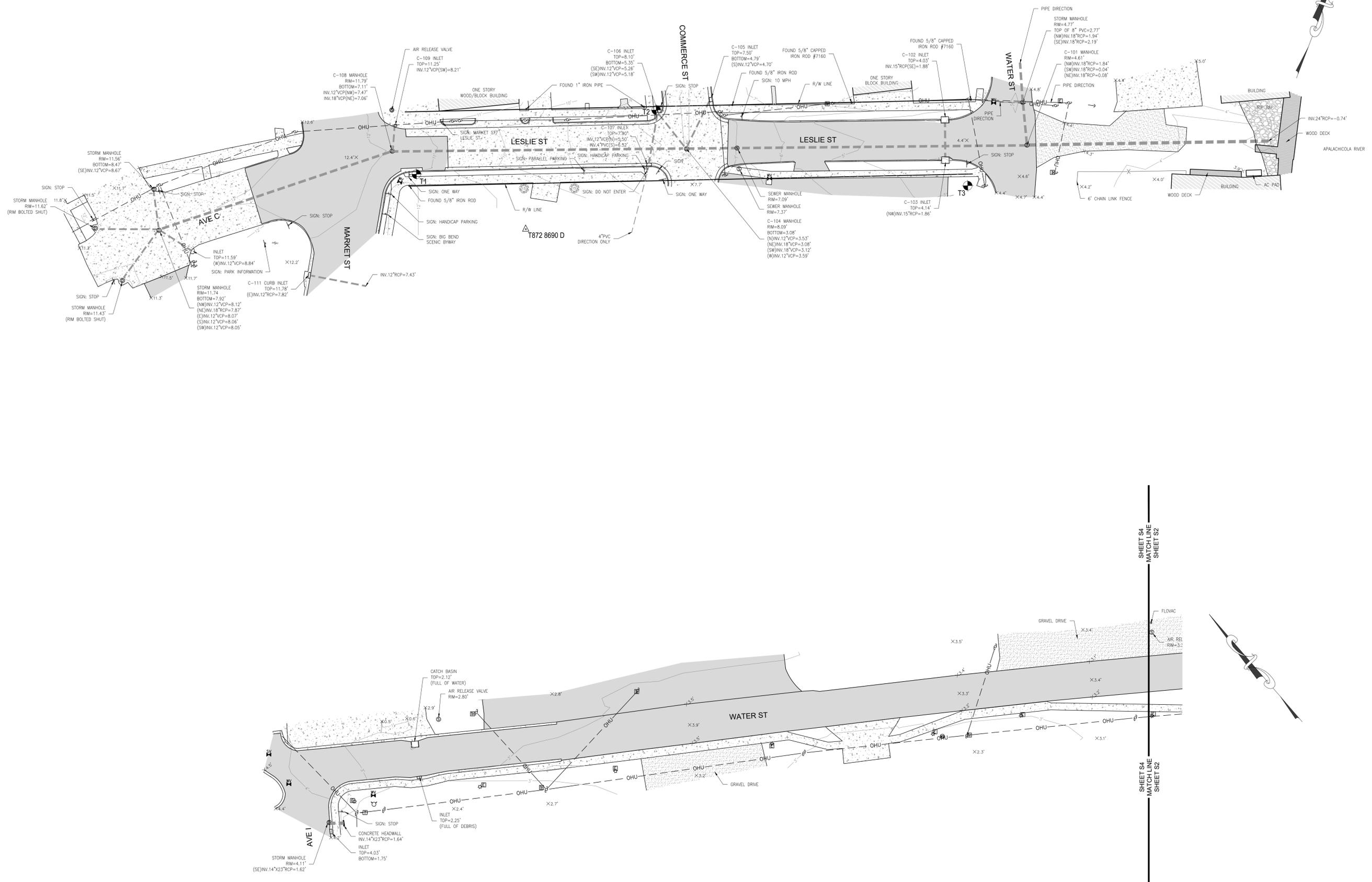
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 FIELD DATE: 08/06/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 30'
 APPROVED BY: RD

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 203 ABERDEEN PARKWAY
 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 3 OF 9



INDEX OF SHEETS:
 1 OVERALL SITE, CONTROL POINTS, SURVEYOR'S NOTES, AND LEGEND.
 2-9 TOPOGRAPHIC SURVEY DETAILS.



INDEX OF SHEETS:

1	OVERALL SITE, CONTROL POINTS, SURVEYOR'S NOTES, AND LEGEND.
2-9	TOPOGRAPHIC SURVEY DETAILS.

NO.	REVISIONS	BY	DATE

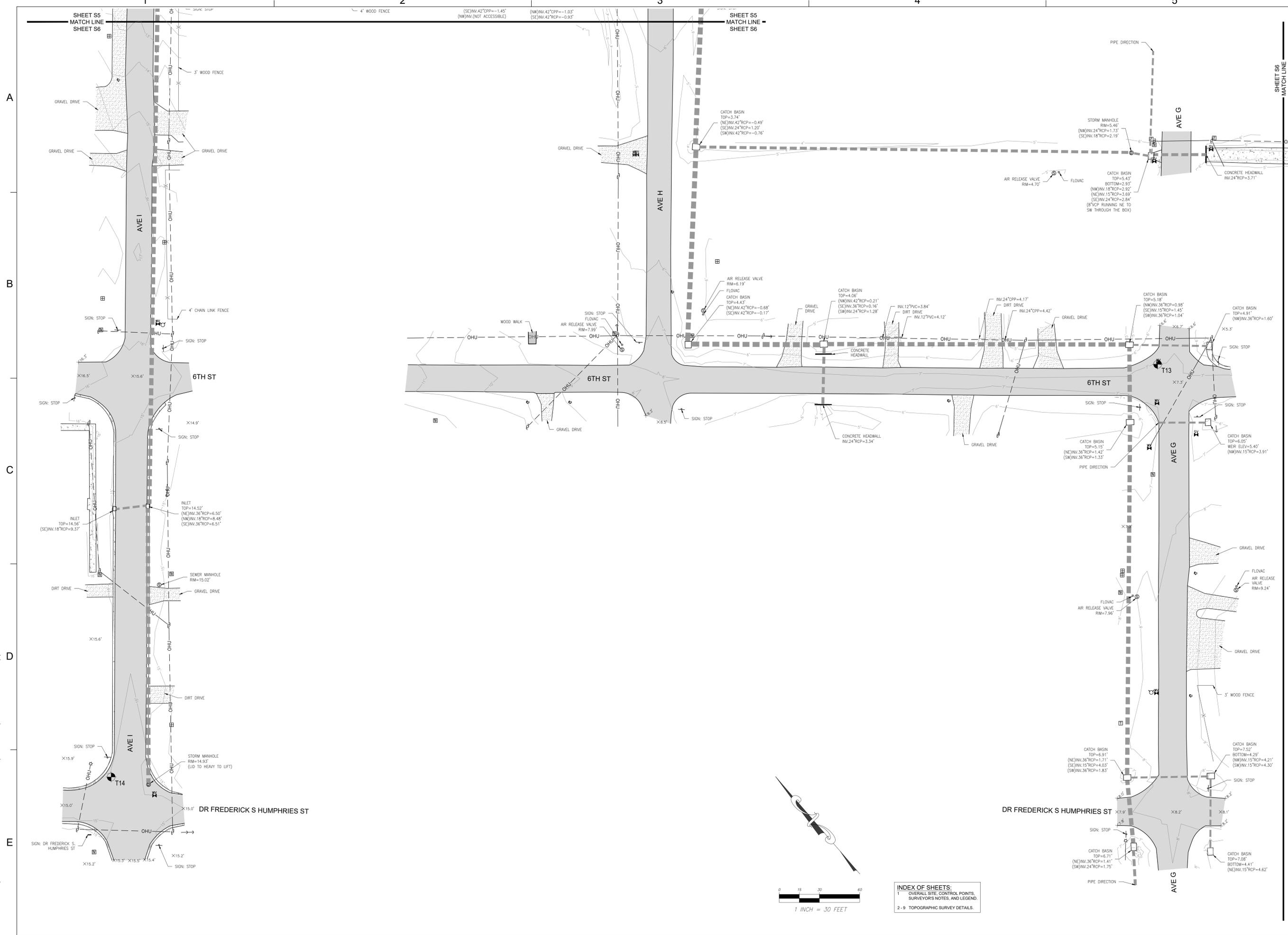
TOPOGRAPHIC SURVEY
APALACHICOLA STORM WATER REPAIR
 SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

FIELD BOOK/PAGE: 347/6
 FIELD DATE: 08/06/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 30'
 APPROVED BY: RD

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 203 ABERDEEN PARKWAY
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 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 4 OF 9

August 12, 2024 (10:01:46 EST)
 DRAWING NAME: M:\5015654\APALACHICOLA_STORMWATER_REPAIR\SURVEY\DWG\5015654 - TSD.WG S(C) BY: AFURR



INDEX OF SHEETS:

1	OVERALL SITE, CONTROL POINTS, SURVEYOR'S NOTES, AND LEGEND.
2-9	TOPOGRAPHIC SURVEY DETAILS.

NO.	BY	DATE	REVISIONS

TOPOGRAPHIC SURVEY
 APALACHICOLA STORM WATER REPAIR
 SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

FIELD BOOK/PAGE: 347/8
 FIELD DATE: 08/06/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 30'
 APPROVED BY: RD

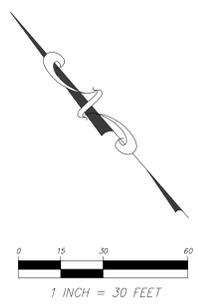
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 DEWBERRY ENGINEERS, INC.
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 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DEWBERRY.COM
 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 6 OF 9

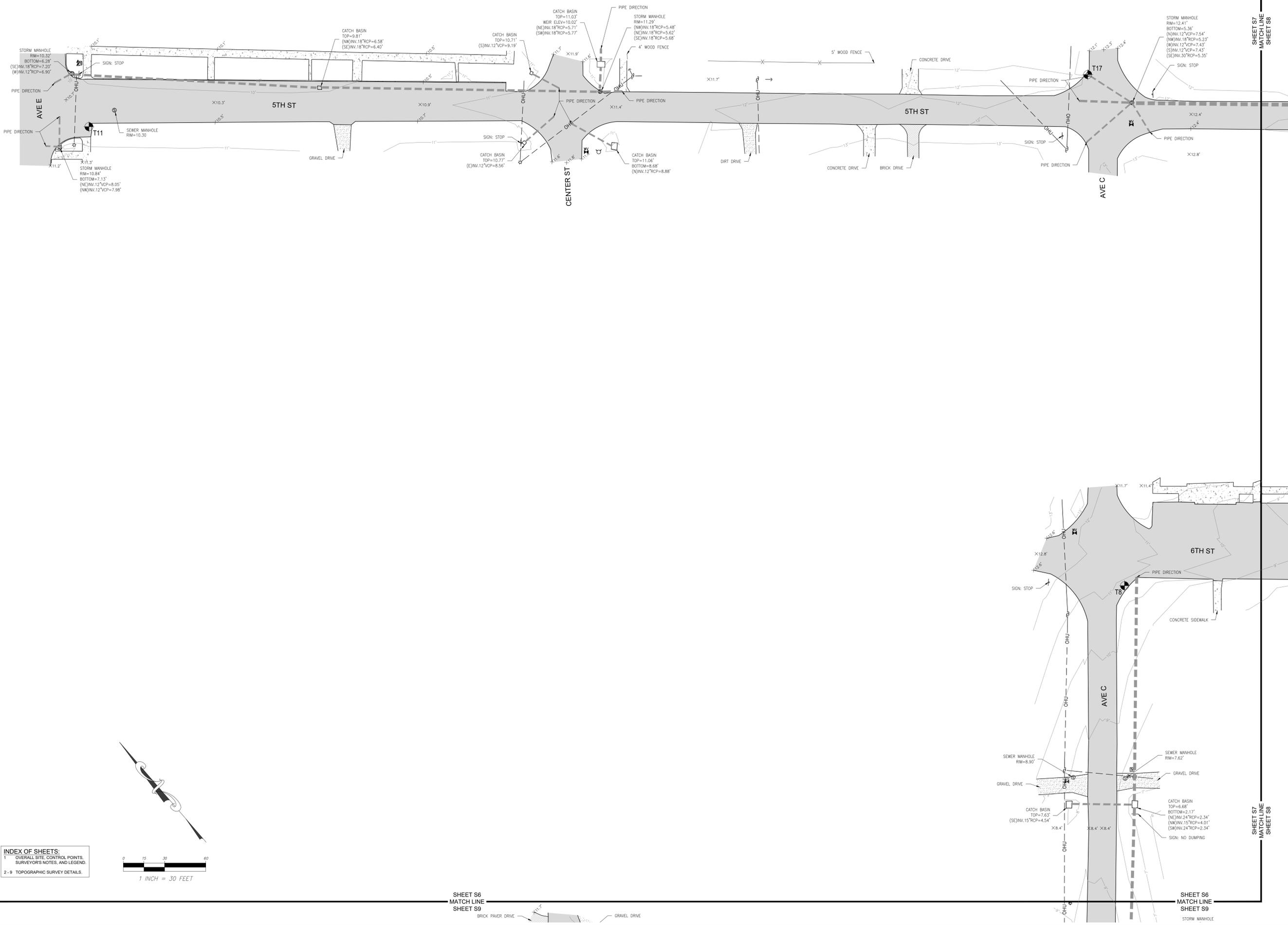
IANUS OHU BAYLETT, P.E., DATE CHECKED
 PROFESSIONAL SURVEYOR & MAPPER NO. 152008

August 12, 2024 (10:01:46 EST)
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INDEX OF SHEETS:
 1 OVERALL SITE, CONTROL POINTS, SURVEYOR'S NOTES, AND LEGEND.
 2-9 TOPOGRAPHIC SURVEY DETAILS.



SHEET S6
 MATCH LINE
 SHEET S9



NO.	REVISIONS	BY	DATE

NO. 150156541-01 DATE CHECKED: 08/12/2024
 PROFESSIONAL SURVEYOR & MAPPER NO. 15008

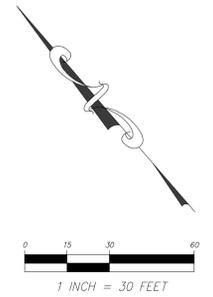
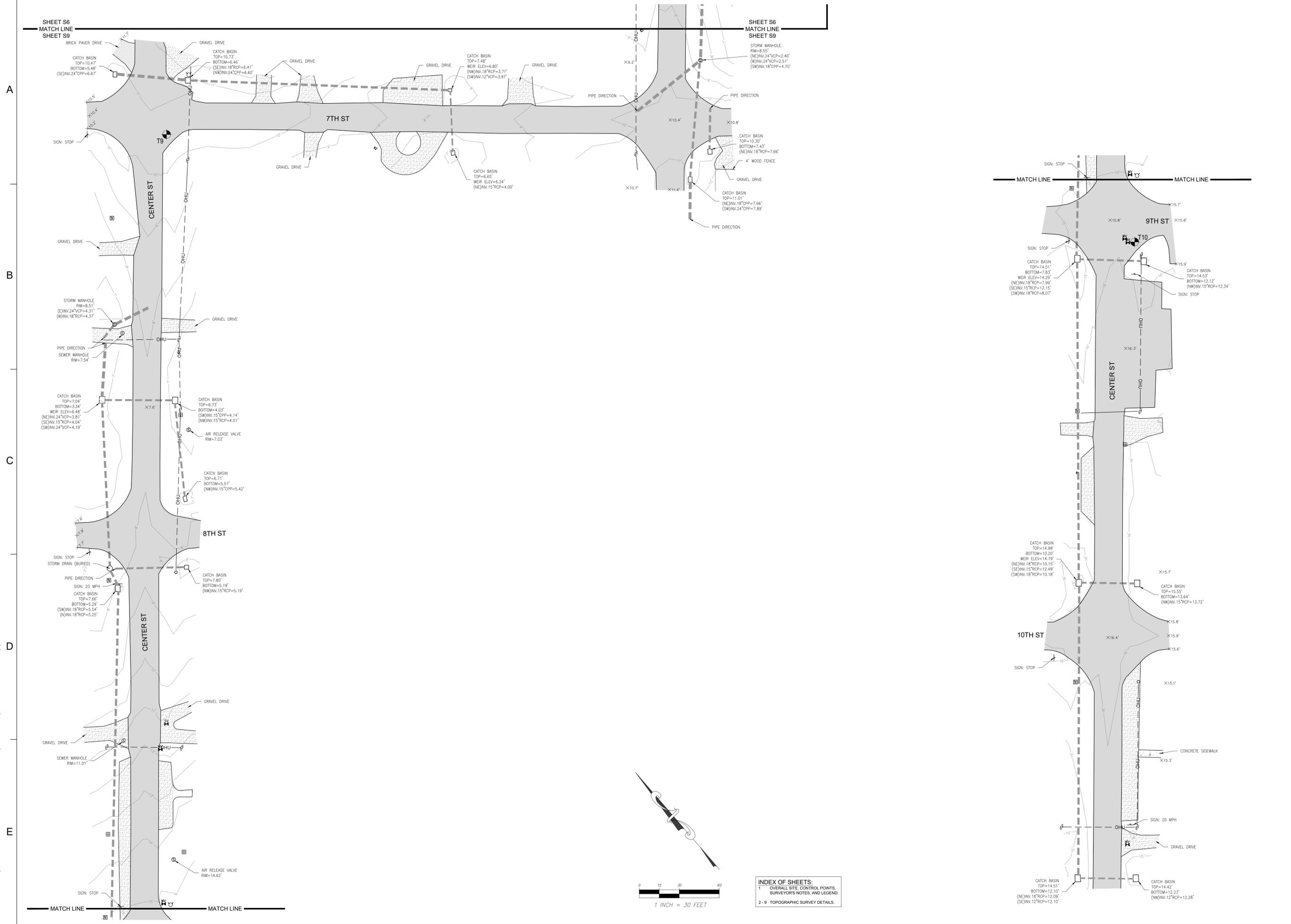
TOPOGRAPHIC SURVEY
 APALACHICOLA STORM WATER REPAIR
 SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

FIELD BOOK/PAGE: 347/6
 FIELD DATE: 08/06/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 30'
 APPROVED BY: RD

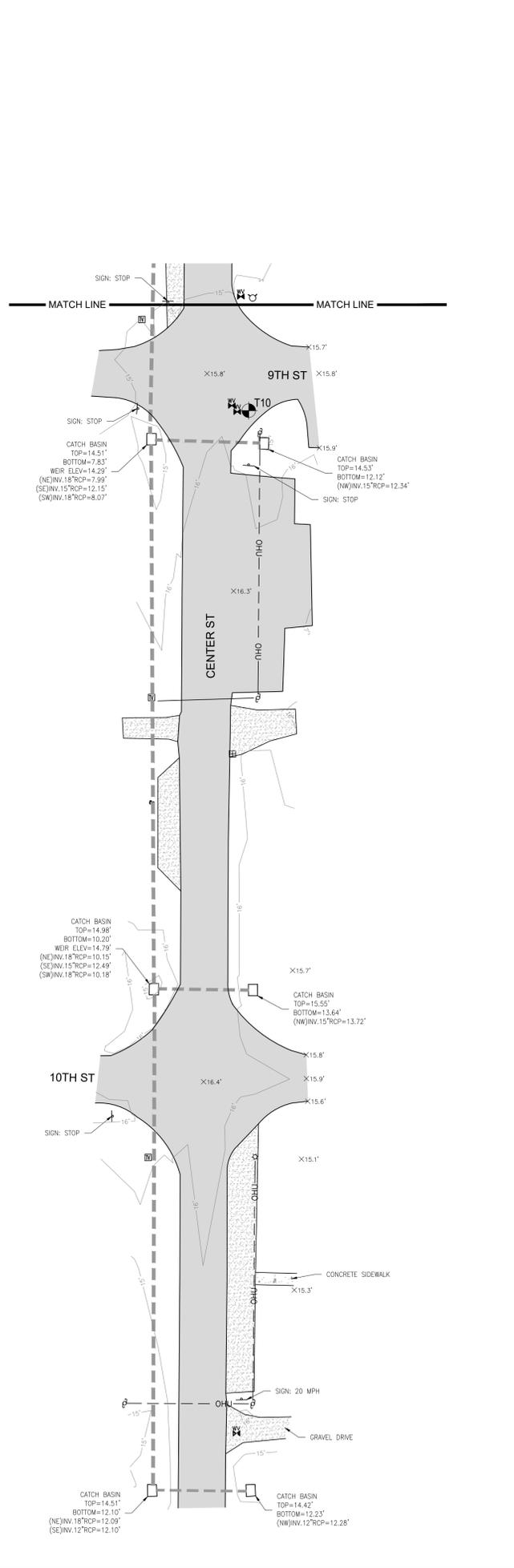
Dewberry
 DEWBERRY ENGINEERS, INC.
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 PHONE: 850.522.0644 FAX: 850.522.1011
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 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 7 OF 9

August 12, 2024 (10:01:46 EST)
 DRAWING NAME: M:\50156541_APALACHICOLA_STORMWATER_REPAIR_SURVEY_DWG\50156541 - TSD.WMG S(C) BY: AFURR



INDEX OF SHEETS:
 1 OVERALL SITE, CONTROL POINTS, SURVEYOR'S NOTES, AND LEGEND.
 2 - 9 TOPOGRAPHIC SURVEY DETAILS.



NO.	REVISIONS	BY	DATE

DAVIS, JOHN BASTIEN, P.E., DATE CHECKED
 PROFESSIONAL SURVEYOR # MAPPER NO. LS2008

TOPOGRAPHIC SURVEY
 APALACHICOLA STORM WATER REPAIR
 SECTION 6, TOWNSHIP 9 SOUTH, RANGE 7 WEST
 FRANKLIN COUNTY, FLORIDA

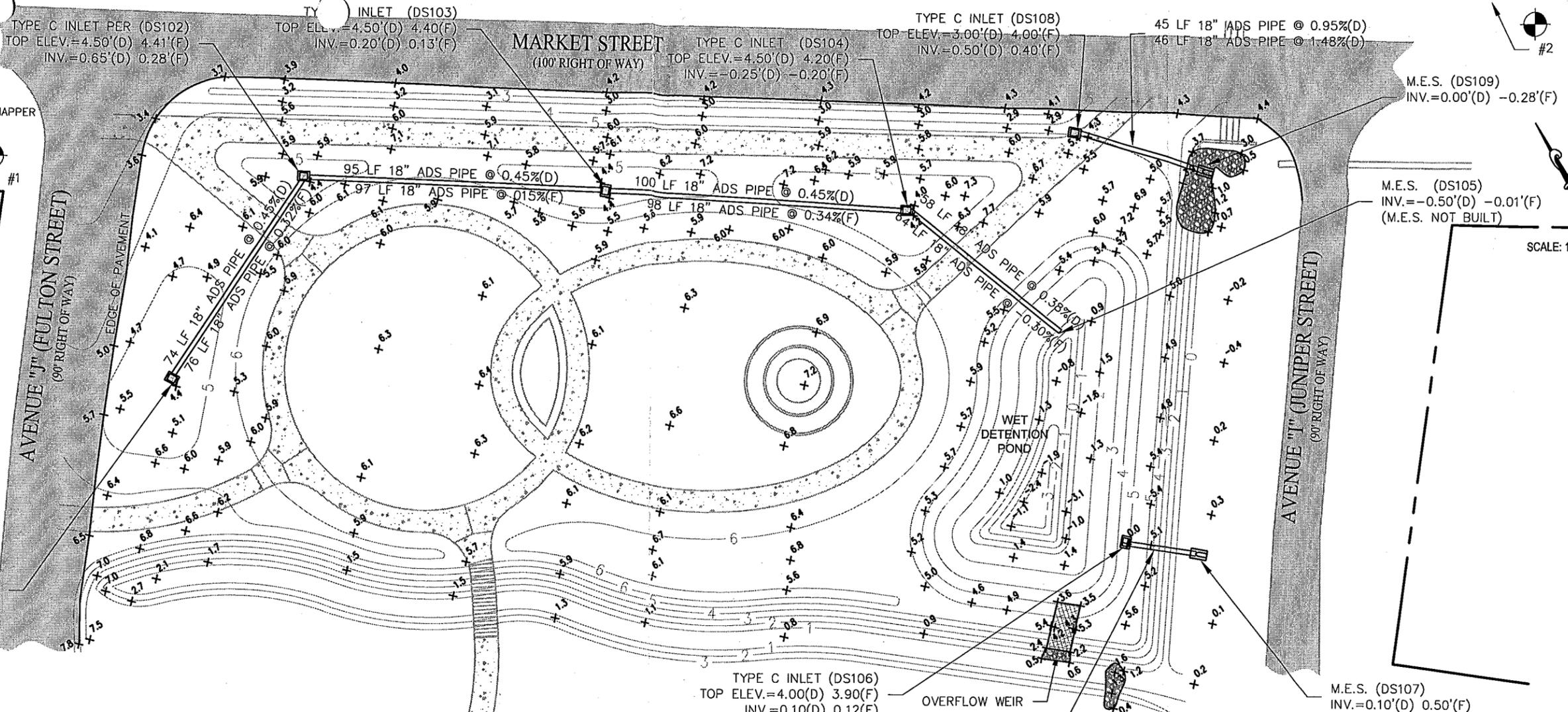
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 FIELD DATE: 08/06/2024
 DRAWN BY: AF
 DRAWING DATE: 08/12/2024
 SHEET SCALE: 1" = 30'
 APPROVED BY: RD

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 DEWBERRY ENGINEERS, INC.
 203 ABERDEEN PARKWAY
 PANAMA CITY, FLORIDA 32405
 PHONE: 850.522.0644 FAX: 850.522.1011
 WWW.DWBERRY.COM
 CERTIFICATE OF AUTHORIZATION
 NO. L.B. 8011

PROJECT NO. 50156541
 SHEET NO. 9 OF 9

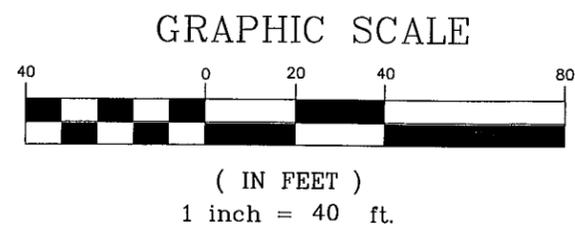
SYMBOLS & ABBREVIATIONS:

- # = NUMBER
- L.B. = LICENSED BUSINESS
- L.S. = LICENSED SURVEYOR
- P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
- INV. = INVERT
- ELEV. = ELEVATION
- ± = MORE OR LESS
- (F) = FIELD MEASUREMENT
- (D) = DESIGN DATA
- ADS = CORRUGATED HDPE PLASTIC PIPE
- = TEMPORARY BENCHMARK
- = EXISTING UTILITY POLE
- = PROPOSED CONCRETE WALK
- = EXISTING RIGHT OF WAY
- = PROPOSED CONTOURS
- = EXISTING ROADS
- = RIP-RAP
- +0.1 = EXISTING SPOT ELEVATION AT "X"



SURVEYOR'S NOTES:

1. THIS SURVEY IS REFERENCED TO FLORIDA STATE PLANE COORDINATES, NORTH ZONE, NAD 1983/90, U.S. SURVEY FEET.
2. VERTICAL DATUM SHOWN HEREON IS REFERENCED TO NAVD 1988.
3. THIS SURVEY, MAP, AND REPORT IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
4. SOURCE OF INFORMATION: SHADED BACKGROUND INFORMATION PER ENGINEERING PLANS BY PREBLE-RISH, INC. PROJECT NUMBER 500.075 DATED JANUARY, 2008.
5. NO UNDERGROUND UTILITIES, UTILITY LINES, FOUNDATIONS, OR OTHER UNDERGROUND STRUCTURES HAVE BEEN LOCATED BY PREBLE-RISH, INC.
6. DATE OF FIELD SURVEY: DECEMBER, 2008.



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- TEMPORARY BENCHMARKS:**
1. SET NAIL AND DISC L.B. 2372 IN UTILITY POLE - ELEVATION = 5.07'
 2. SET NAIL AND DISC L.B. 2372 IN UTILITY POLE - ELEVATION = 3.99'

UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

I HEREBY CERTIFY THAT THIS SURVEY, AS SHOWN HEREON, IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AS OF THE DATE SURVEYED.

[Signature]
FREDERICK C. RANKIN, P.S.M.
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA LICENSE NO. LS 6585

01-07-2009
DATE SIGNED

L.B. 0007137

EB# 0006155

NO.	DATE	APPR.	REVISION:
1			
2			
3			
4			
5			

PREBLE-RISH, INC.
CONSULTING ENGINEERS
CIVIL • SURVEYING • SITE PLANNING

324 MARINA DRIVE PORT ST. JOE, FL 32456 (850) 227-7200
203 ABERDEEN PARKWAY PANAMA CITY, FL 32405 (850) 522-0644
10450 NW MAIN STREET BRISTOL, FL 32321 (850) 643-2774
877 COUNTY ROAD 393 SANTA ROSA BEACH, FL 32459 (850) 267-0759

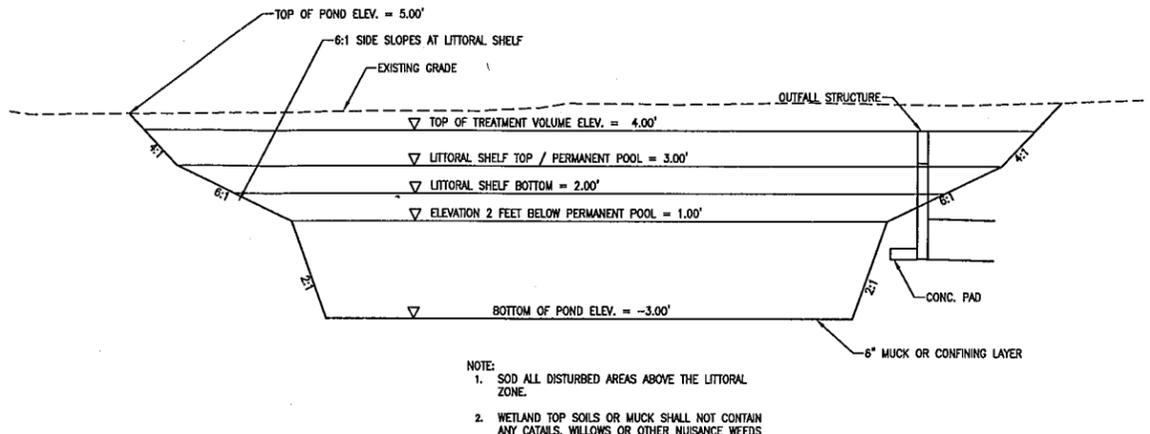
AS-BUILT SURVEY STORM DRAINAGE
THREE SERVICEMEN MEMORIAL PLAZA
APALACHICOLA, FLORIDA

DATE: 12-19-08	PROJECT NO. 500.075
SCALE: 1"= 40'	SHEET
DRAWN: MS	1 of 1
CHECKED: FCR	

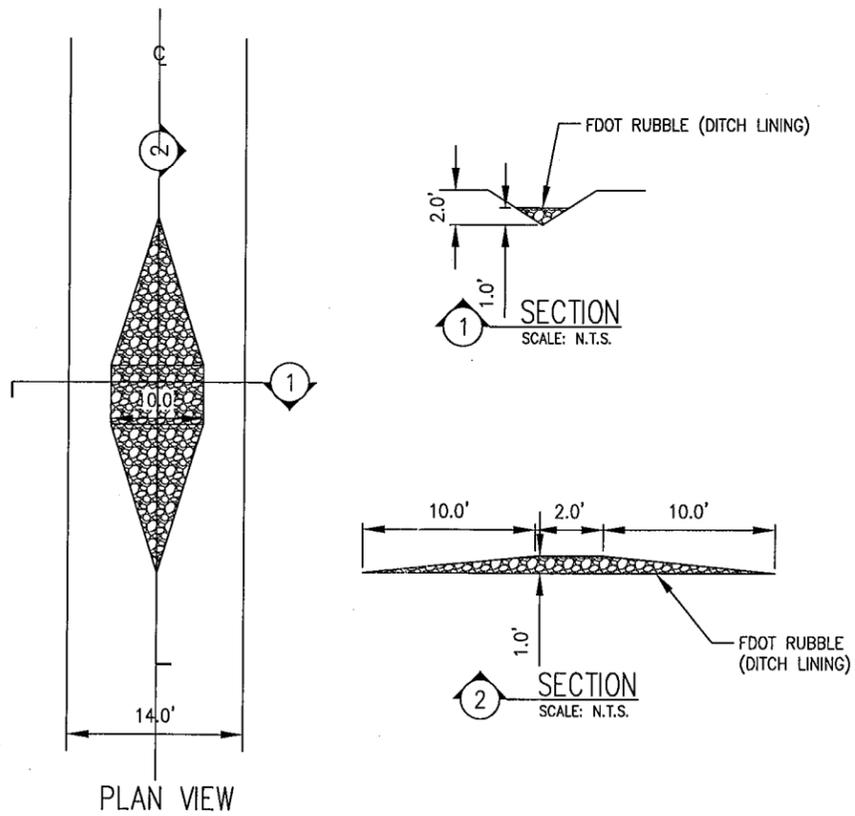
ZONE 1	(NOT TO BE USED)	N/A
ZONE 2	EL = 3.00' PERMANENT POOL	
ZONE 3	(NOT TO BE USED)	N/A
ZONE 4	(NOT TO BE USED)	N/A

- NOTES:
- 85% COVERAGE OF SUITABLE LITTORAL ZONE PLANTS REQUIRED WITHIN 24 MONTHS OF COMPLETION OF CONSTRUCTION AND NUISANCE SPECIES SUCH AS CAT TAILS SHALL BE REMOVED DURING ESTABLISHMENT PERIOD.
 - PLANTINGS SHALL BE 9 SQUARE FEET PER PLANT AT 3' O.C.
 - ZONE 1 (0.5' HIGHER THAN PERMANENT POOL) - NOT TO BE USED
 - ZONE 2 (0.5' HIGHER TO 1.0' BELOW PERMANENT POOL) - CANNA LILY, SPIDER LILY, SOUTHERN BLUE FLAG IRIS, SWAMP LILY, SPIKE RUSH.
 - ZONE 3 (1.0' TO 3.0' BELOW PERMANENT POOL) - (NOT TO BE USED)
 - ZONE 4 (3.0' TO 5.0' BELOW PERMANENT POOL) - (NOT TO BE USED)
 - CONTRACTOR SHALL PLACE AN 18" THICK LAYER OF MUCK IN THE LITTORAL ZONE.
 - CONTRACTOR SHALL SUBMIT ALL PLANTINGS TO ENGINEER 60 DAYS PRIOR TO PLACEMENT AND ALL PLANTS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEVELOPMENT MANUAL PAGES 6-62 TO 6-71.

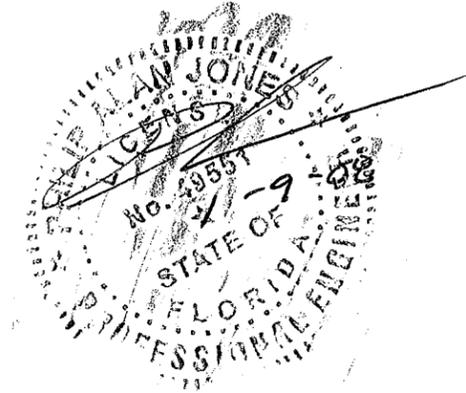
DETAIL WET POND: LITTORAL SHELF PLANTING DETAIL
SCALE: N.T.S.



- NOTE:
- SOD ALL DISTURBED AREAS ABOVE THE LITTORAL ZONE.
 - WETLAND TOP SOILS OR MUCK SHALL NOT CONTAIN ANY CATALAS, WILLOWS OR OTHER NUISANCE WEEDS
- DETAIL WET POND**
SCALE: N.T.S.



TYPICAL RIP-RAP CHECK DAM
SCALE: N.T.S.



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JAN 09 2008
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TALLAHASSEE BRANCH OFFICE

January 9, 2008 09:41:28 EST
S:\500.075 MEMORIAL PLAZA.DWG\WP-DET.DWG

PREBLE-RISH INC. CONSULTING ENGINEERS AND SURVEYORS CIVIL SURVEYING
877 COUNTY ROAD 393 ABERDEEN PARKWAY
FRANKLIN COUNTY, FL 32605
(850) 227-7200

THREE SERVICE MEN MEMORIAL PLAZA
CITY OF APALACHICOLA
FRANKLIN COUNTY, FL

DATE:	12/07
SCALE:	AS SHOWN
DRAWN:	SBM
CHECKED:	SEP/PAJ

PROJECT NO. 500.075
SHEET D1

EB# 0008165

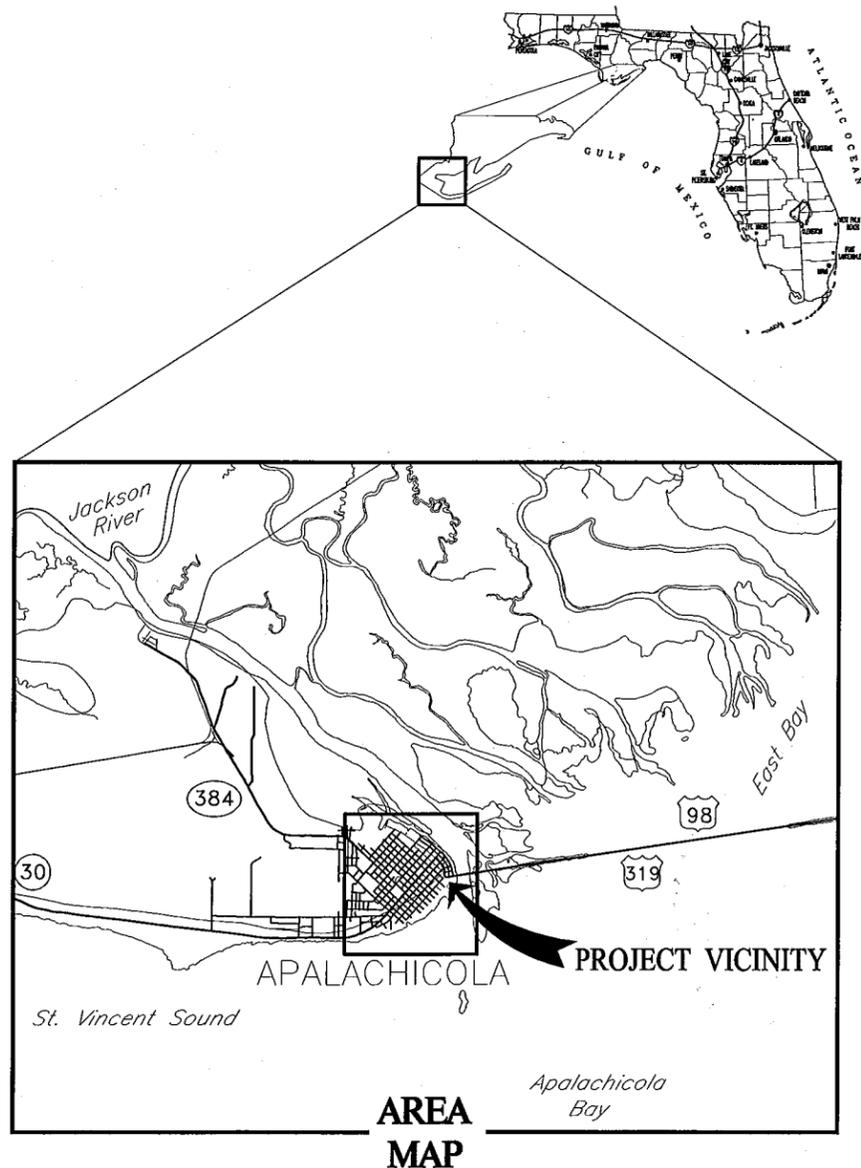
**PERMIT DRAWINGS FOR
THREE SERVICEMEN MEMORIAL PLAZA
PREPARED FOR
CITY OF APALACHICOLA
JANUARY, 2008**

**THREE SERVICEMEN STATUE SOUTH
VIETNAM VETERANS MEMORIAL**



THREE SERVICEMEN STATUE SOUTH, INC.
A SOUTHEASTERN REGION VIETNAM VETERANS MEMORIAL LOCATED IN APALACHICOLA, FLORIDA

RECEIVED
JAN 09 2008
D.E.P.
TALLAHASSEE BRANCH OFFICE



SHEET	DESCRIPTION:
C1	EXISTING SITE CONDITIONS
C2	PROPOSED SITE LAYOUT WITH DRAINAGE STRUCTURES
C3	PROPOSED GRADING PLAN
C4-C6	PLAN & PROFILE - DRAINAGE STRUCTURES
C7	PRE-DEVELOPMENT DRAINAGE
C8	POST DEVELOPMENT DRAINAGE
C9	DRAINAGE BASIN MAP
C10	EROSION CONTROL AND SODDING
TS1	TYPICAL SECTIONS
D1-D2	MISCELLANEOUS DETAILS
SW1	STORMWATER POLLUTION PREVENTION

PLANS PREPARED BY:

PREBLE-RISH INC.
CONSULTING ENGINEERS AND SURVEYORS
CIVIL • SURVEYING • SITE PLANNING

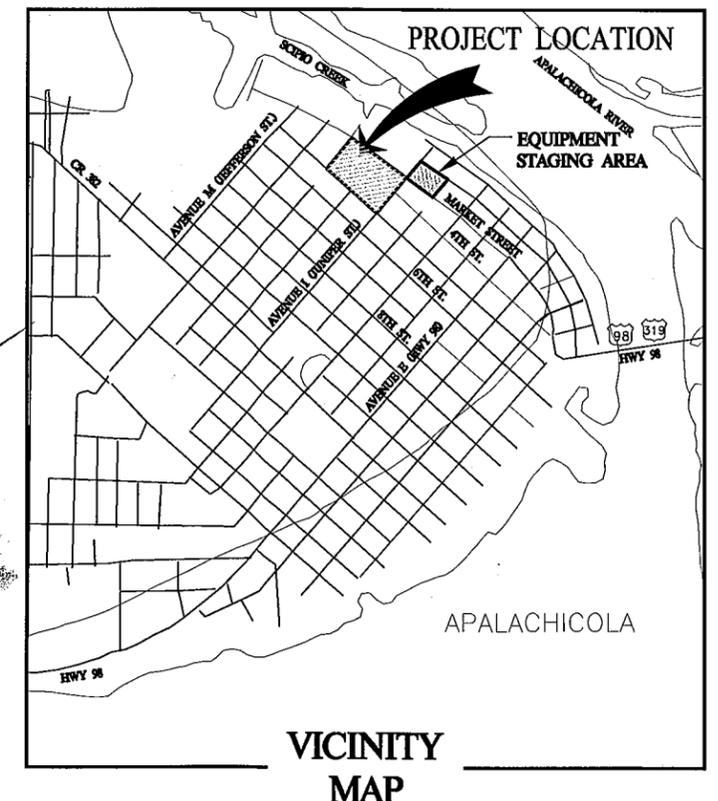
324 MARINA DRIVE
FORT ST. JOE, FL 32456
(850) 227-7200

203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
(850) 522-0844

877 COUNTY ROAD 200
SANTA ROSA BEACH, FL 32490
(850) 231-3902

PROJECT NO. 500.075

ATTENTION IS DIRECTED TO THE FACT THAT
THESE PLANS MAY HAVE BEEN ALTERED IN
SIZE BY PRODUCTION. THIS MUST BE TAKEN
INTO CONSIDERATION WHEN OBTAINING
SCALED INFORMATION OR DRAWING DATA.



January 9, 2008 (09:43:02 EST)
S:\500.075 MEMORIAL PLAZA\DWG\500075059.DWG

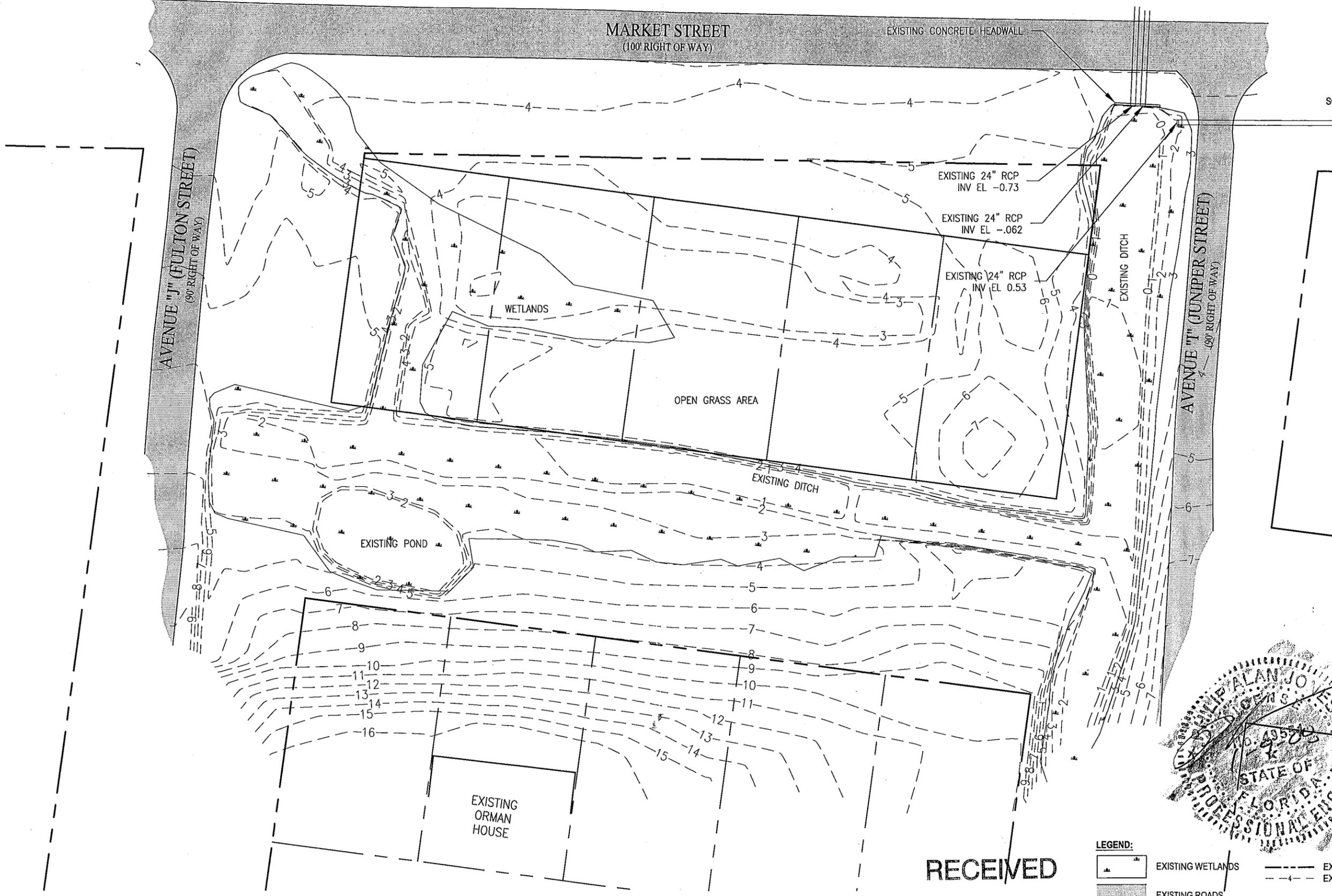
MARKET STREET
(100' RIGHT OF WAY)

EXISTING CONCRETE HEADWALL

SCALE: 1" = 40'

AVENUE "J" (FULTON STREET)
(90' RIGHT OF WAY)

AVENUE "I" (JUNIPER STREET)
(90' RIGHT OF WAY)

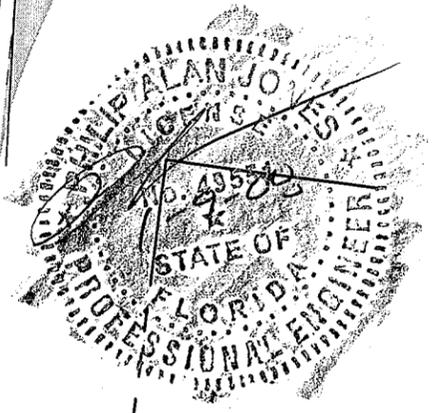


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JAN 09 2008

LEGEND:

- EXISTING WETLANDS
- EXISTING RIGHT OF WAY
- EXISTING CONTOURS
- EXISTING ROADS



January 9, 2008 (09:43:02 EST)
S:\500.075 MEMORIAL PLAZA\DWG\500075DSGN3.DWG

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NO.	DATE	APPR.	REVISION:
1	JAN. 2008		
2	JAN. 2008		
3	JAN. 2008		
4	JAN. 2008		
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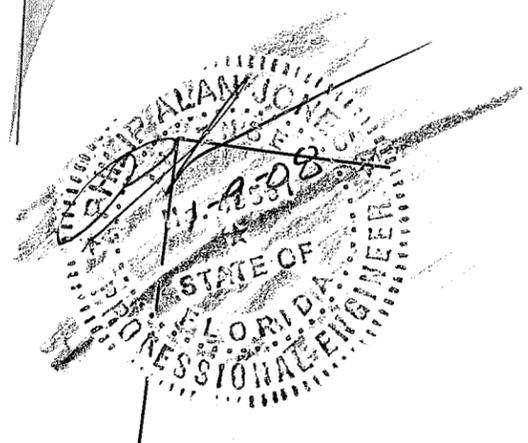
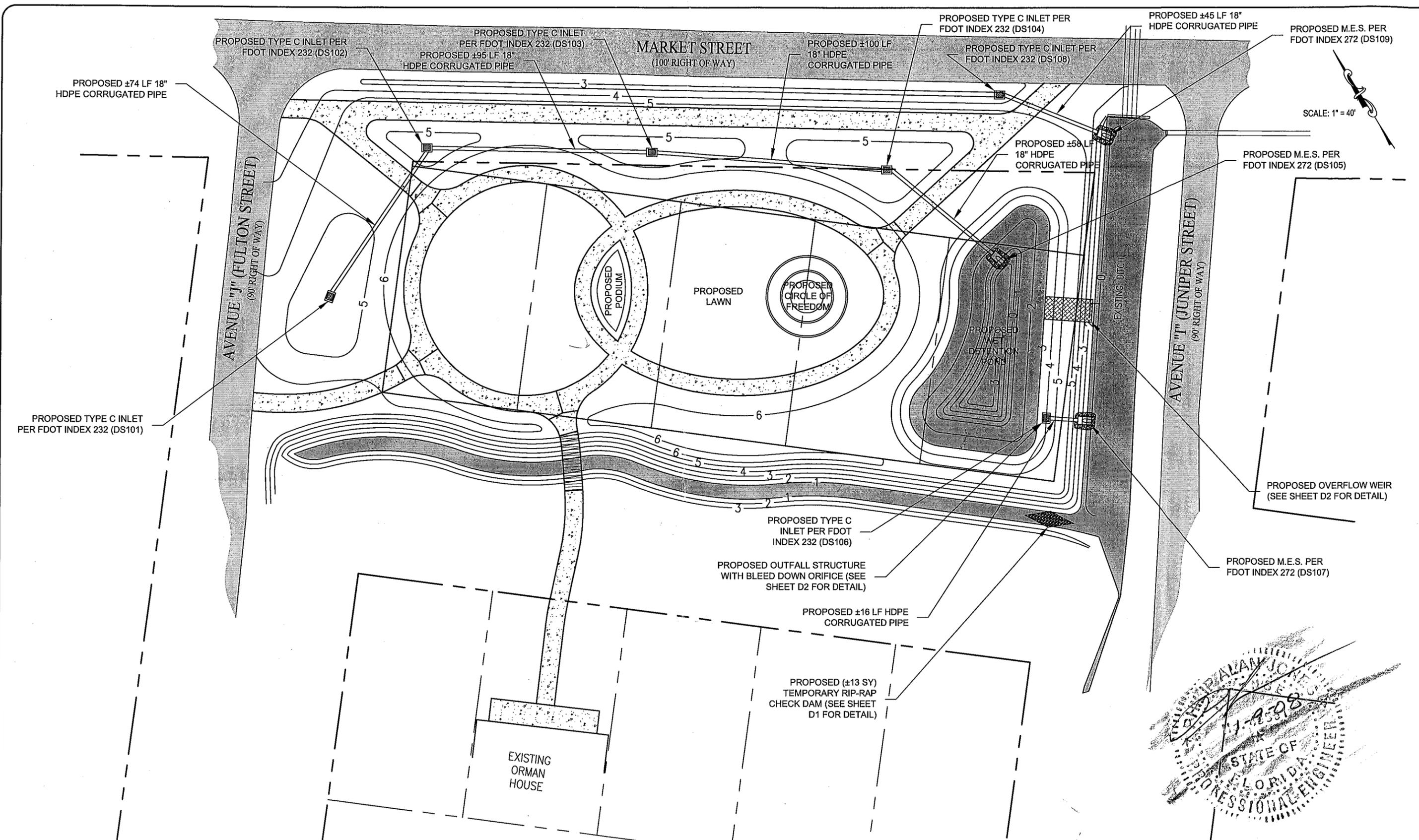
203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
(850) 522-0644

5365 SCENIC HWY 30A, SUITE 102
SANTA ROSA BEACH, FL 32459
(850) 231-3902

D.E.P. EXISTING SITE CONDITIONS
TALLAHASSEE BRANCH OFFICE
THREE SERVICEMEN MEMORIAL PLAZA
APALACHICOLA, FLORIDA

DATE: JAN. 2008	PROJECT NO. 500.075
SCALE: AS SHOWN	SHEET C1
DRAWN: CAK	CHECKED: SEP

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(850) 231-3902

PROPOSED SITE LAYOUT WITH DRAINAGE STRUCTURES
THREE SERVICEMEN MEMORIAL PLAZA
D.E.P. APALACHICOLA, FLORIDA
TALLAHASSEE BRANCH OFFICE

DATE: JAN. 2008
SCALE: AS SHOWN
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PROJECT NO. 500.075
SHEET C2

EB# 0006155

MARKET STREET
(100' RIGHT OF WAY)

AVENUE "J" (FULION STREET)
(90' RIGHT OF WAY)

AVENUE "I" (JUNIPER STREET)
(90' RIGHT OF WAY)

SCALE: 1" = 40'

- 3 0.1550
- 2 0.2480
- 1 0.4650
- 0 0.7595
- 1 0.9300
- 2 1.9220
- 3 2.8830
- 4 3.6850
- 5 4.5260

Sidewalk
1120' x 8' = 8,960sf
statue 1,600sf

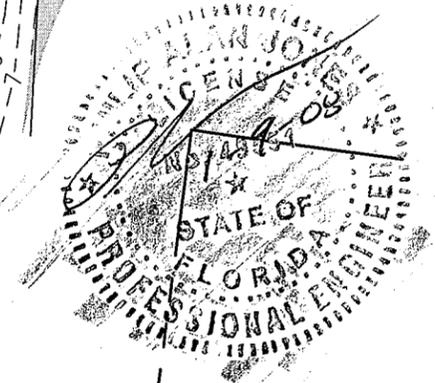
EXISTING POND

EXISTING ORMAN HOUSE

WET DETENTION POND

LEGEND:
 --- EXISTING RIGHT OF WAY
 - - - EXISTING CONTOURS
 - - - PROPOSED CONTOURS

POND AREAS:
 TOP OF POND (EL. 5.0') 6,931 SQ. FT.
 PERMANENT POND (EL. 3.0') 4,431 SQ. FT.



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PROPOSED GRADING PLAN
 D.E.P. THREE SERVICEMEN MEMORIAL PLAZA
 APALACHICOLA, FLORIDA

DATE: JAN. 2008	PROJECT NO. 500.075
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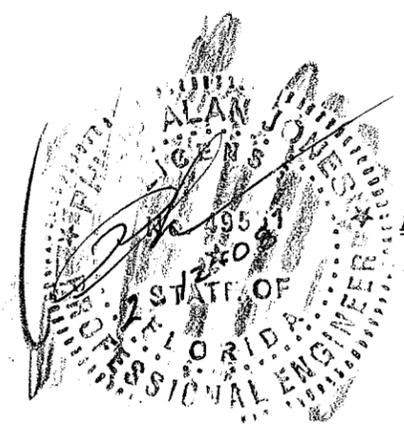
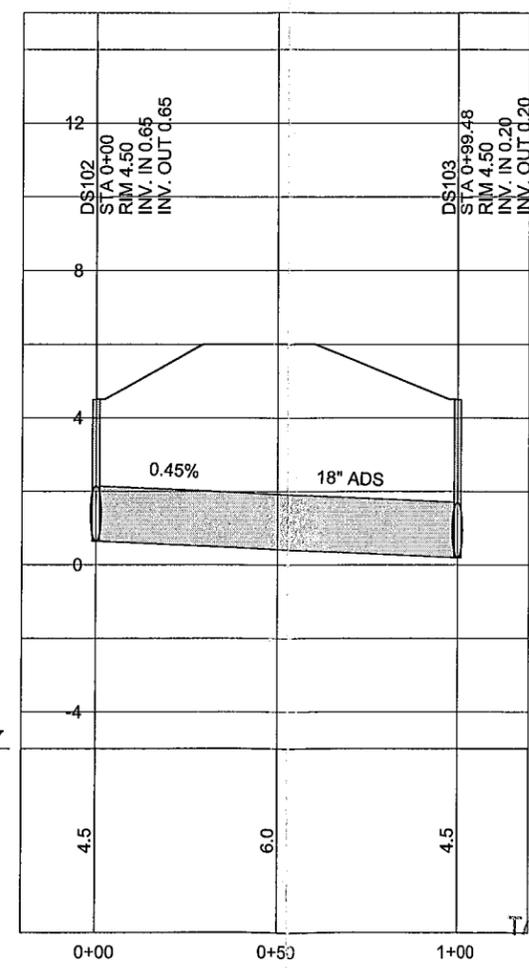
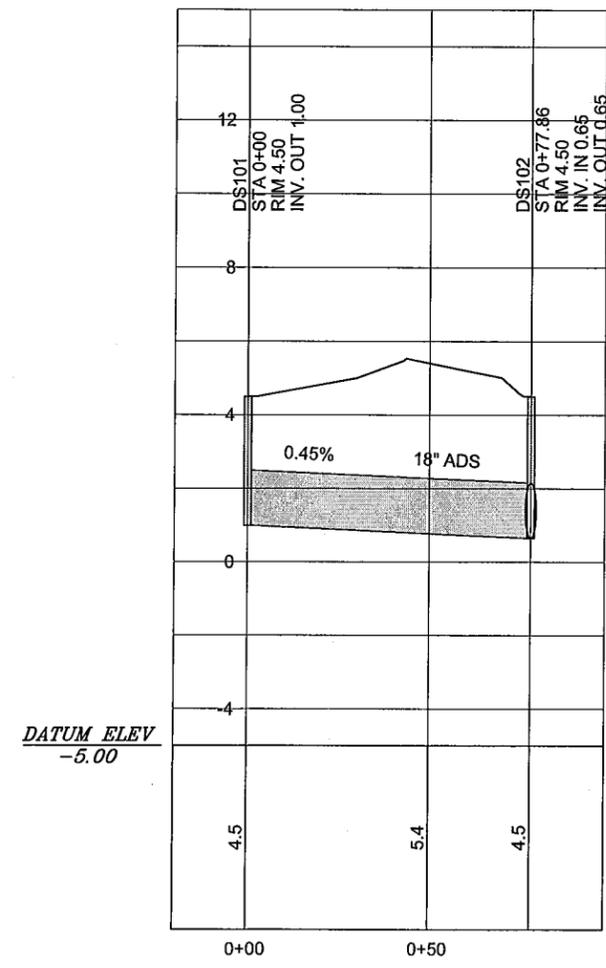
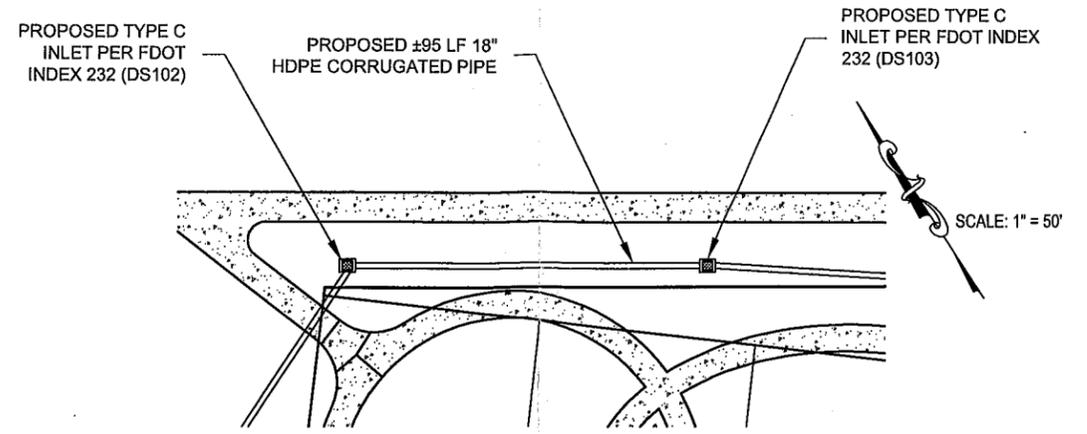
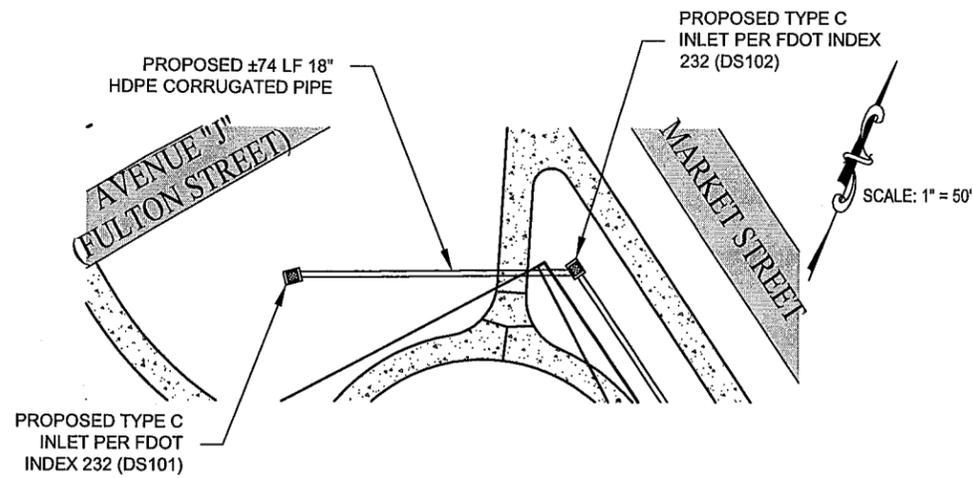
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NO.	DATE	APPR.	REVISION:
1	02/07/08	SEP	Revised Stormwater Pipe Slopes
2	JAN. 2008		
3	JAN. 2008		
4	JAN. 2008		
5	JAN. 2008		

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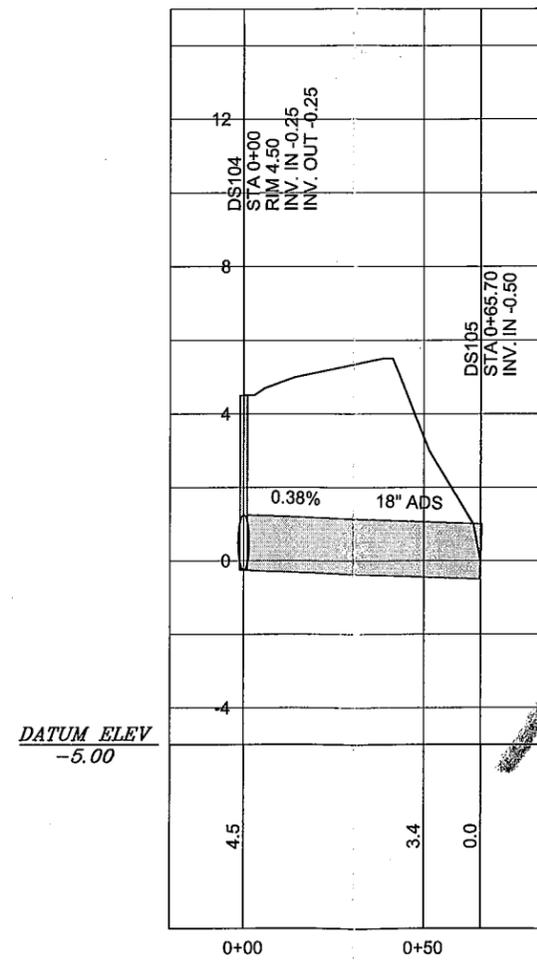
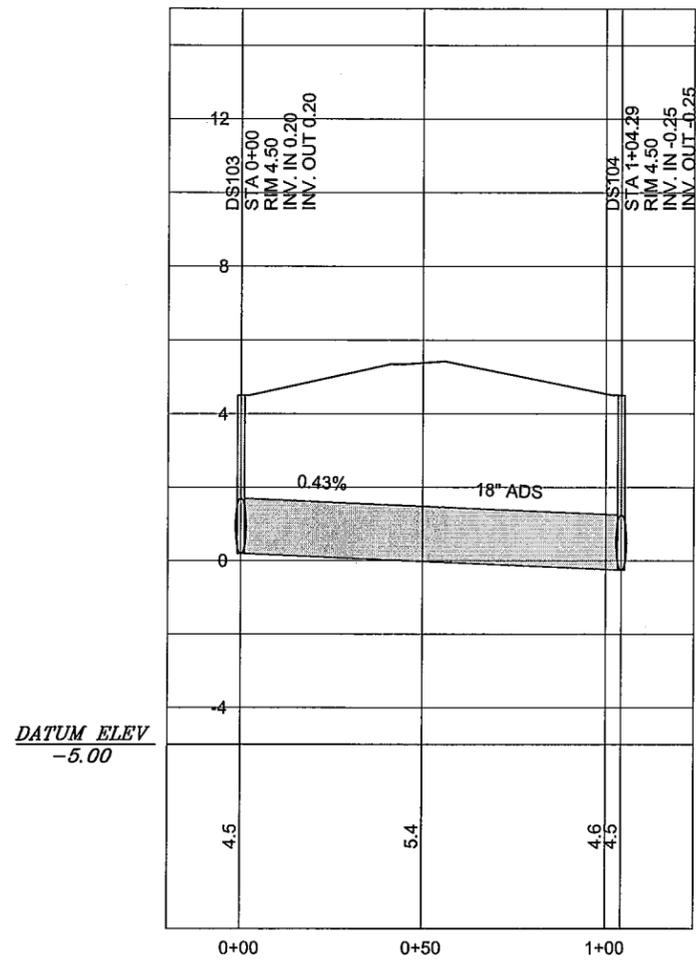
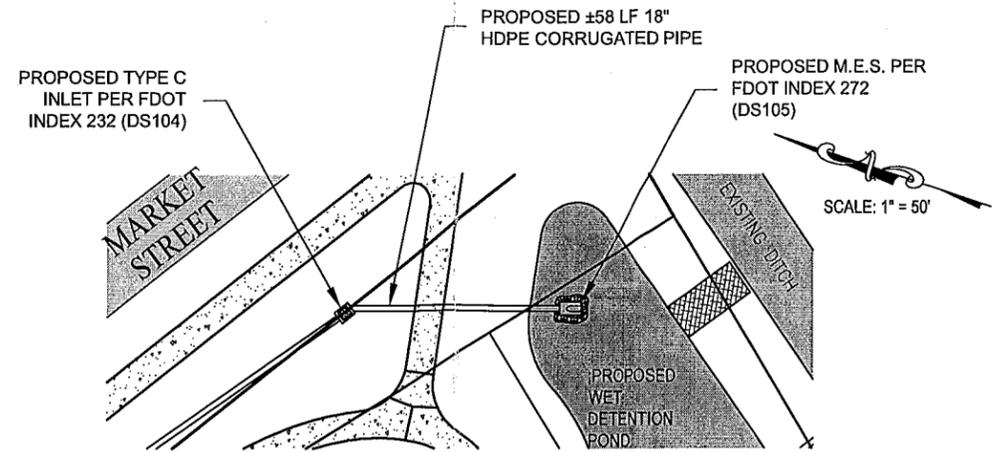
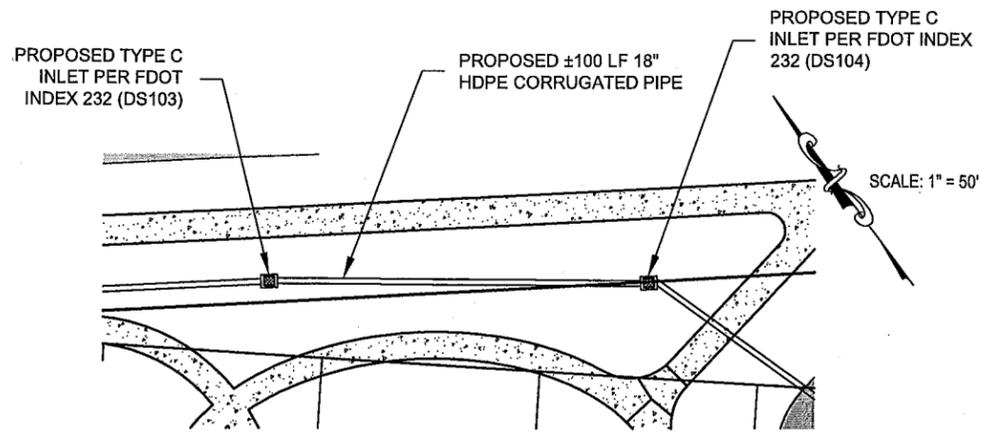
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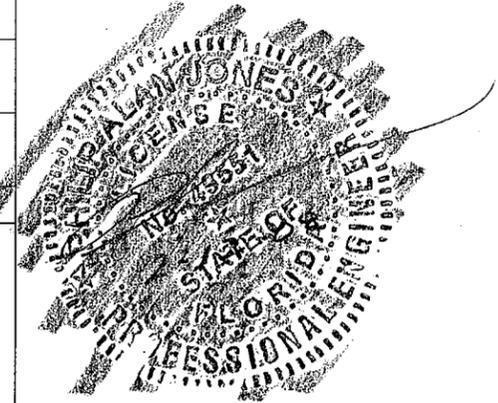
PLAN AND PROFILE - DRAINAGE STRUCTURES
THREE SERVICEMEN MEMORIAL PLAZA
APALACHICOLA, FLORIDA

DATE: JAN. 2008	PROJECT NO. 500.075
SCALE: AS SHOWN	
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1	02/07/08	SEP	Revised Stormwater Pipe Slopes
2	JAN. 2008		
3	JAN. 2008		
4	JAN. 2008		
5	JAN. 2008		

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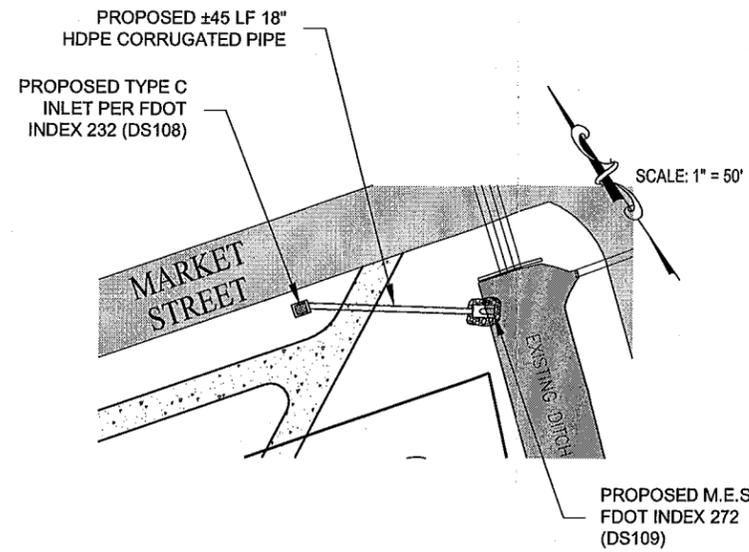
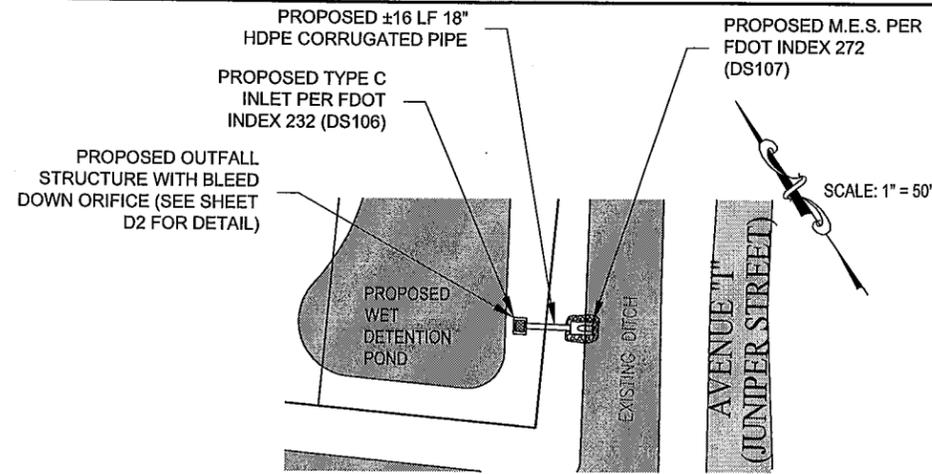
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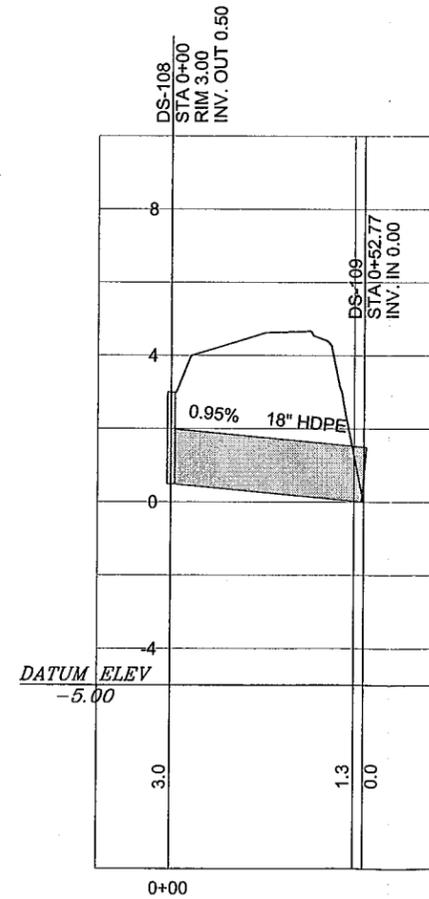
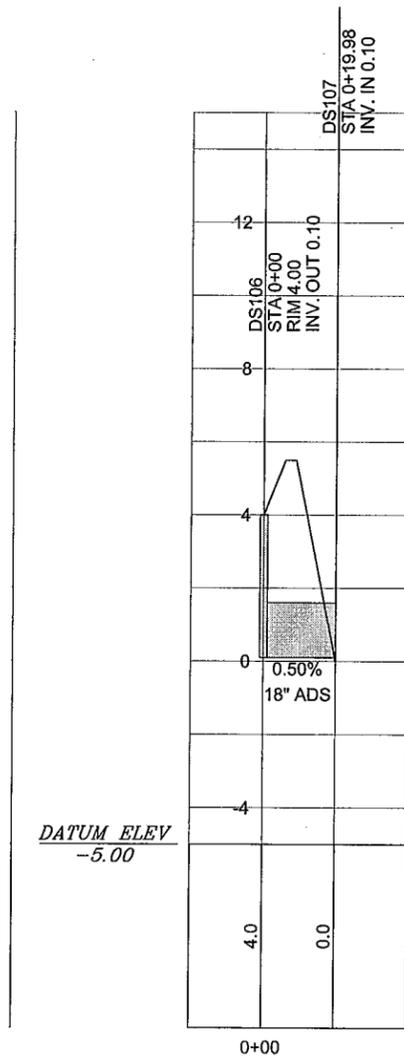
PLAN AND PROFILE - DRAINAGE STRUCTURES
THREE SERVICEMEN MEMORIAL PLAZA
APALACHICOLA, FLORIDA

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NO.	DATE	APPR.	REVISION
1	2/7/08		REVISED STORMWATER PIPE SLOPES
2			
3			
4			
5			

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PLAN AND PROFILE - DRAINAGE STRUCTURES
THREE SERVICEMEN MEMORIAL PLAZA
APALACHICOLA, FLORIDA

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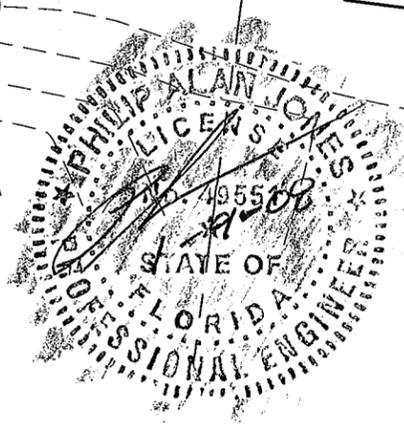
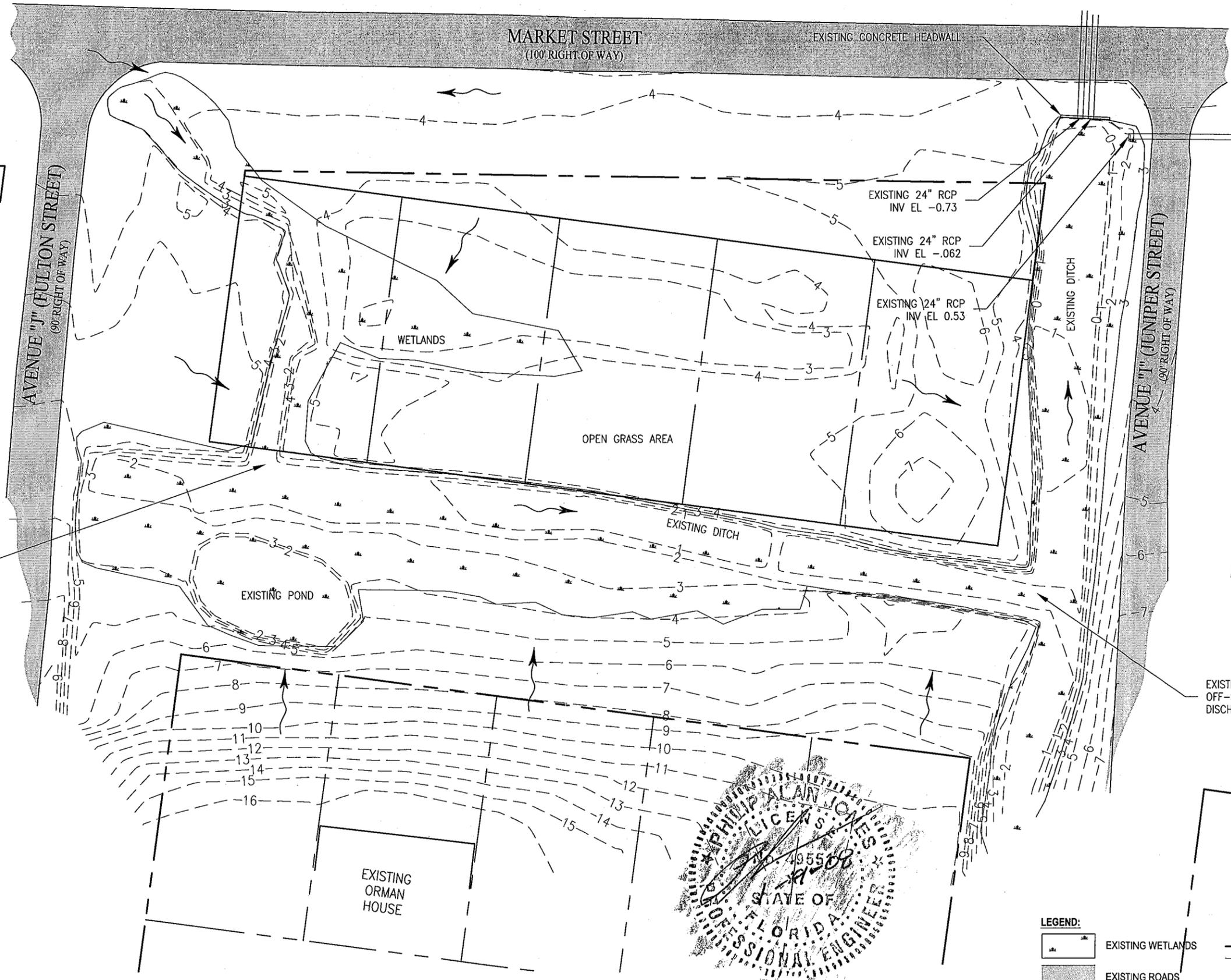
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(850) 522-0544

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SANTA ROSA BEACH, FL 32459
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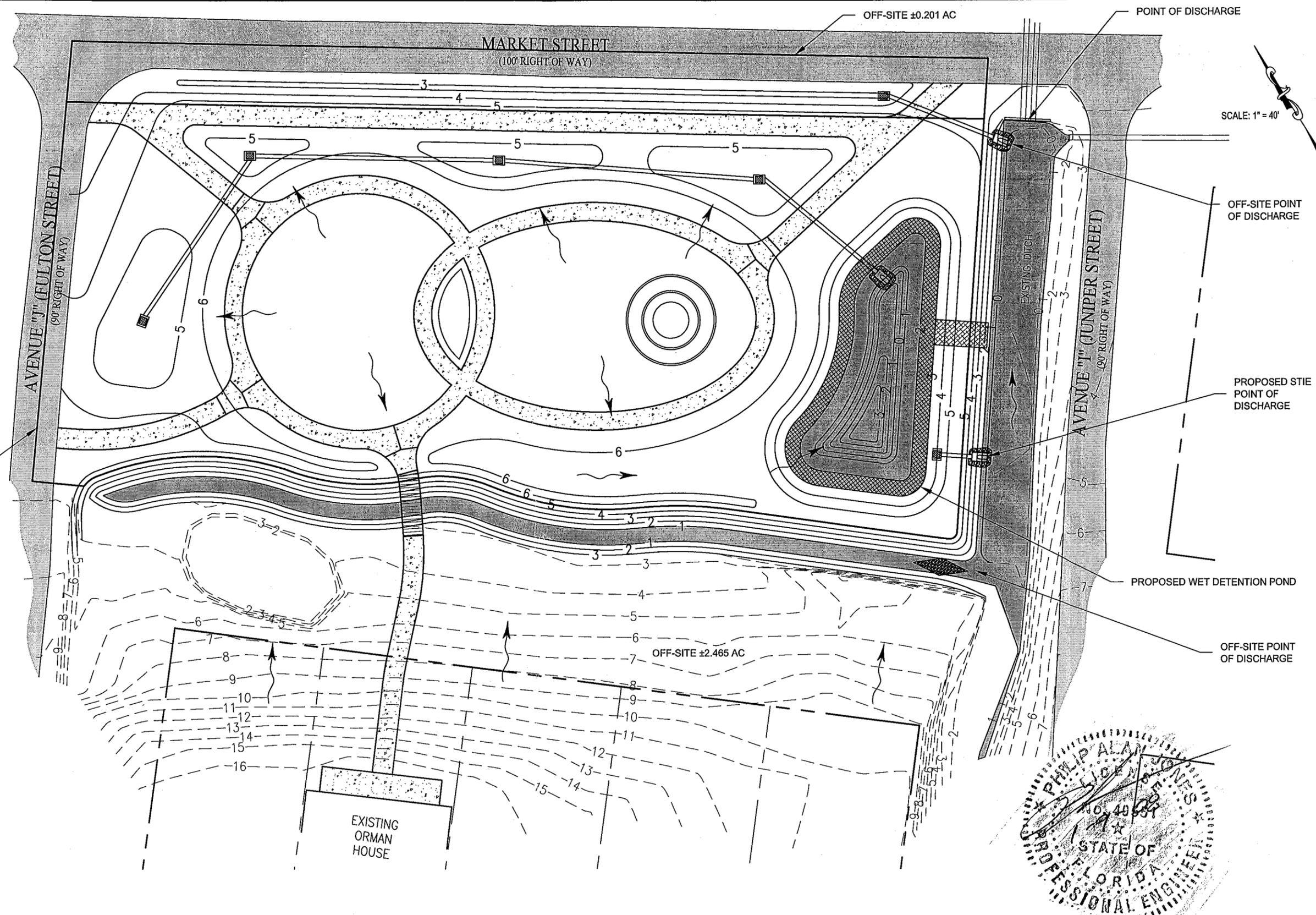
PRE-DEVELOPMENT DRAINAGE
 THREE SERVICEMEN MEMORIAL PLAZA
 APALACHICOLA, FLORIDA
 TALLAHASSEE BRANCH OFFICE

DATE:	JAN. 2008	PROJECT NO.	500.075
SCALE:	AS SHOWN	SHEET	C7
DRAWN:	CAK	CHECKED:	SEP

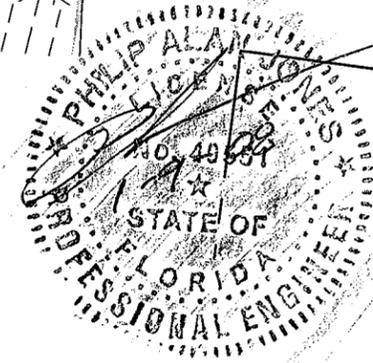


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SCALE: 1" = 40'



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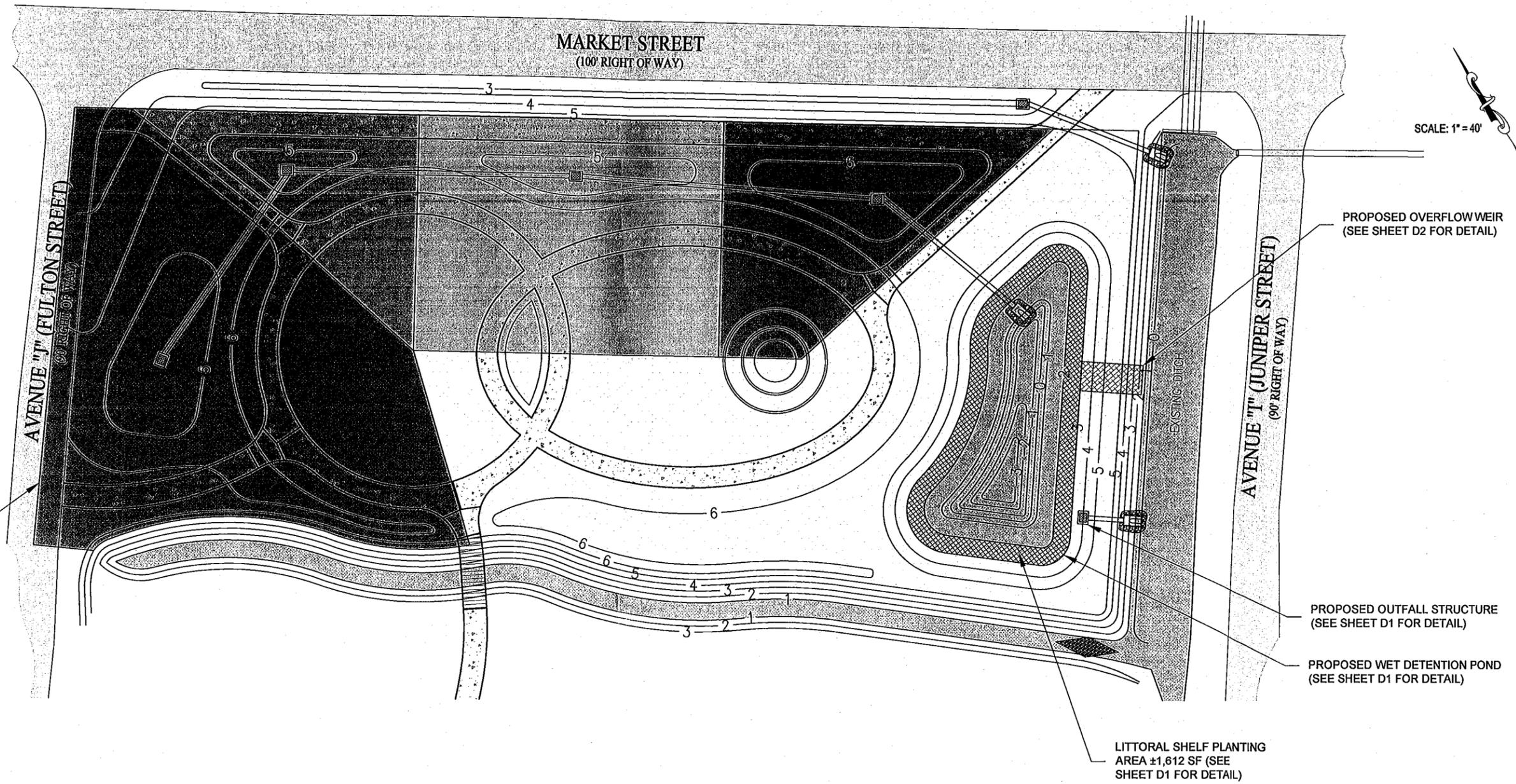
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POST DEVELOPMENT DRAINAGE
 THREE SERVICEMEN MEMORIAL PLAZA
 APALACHICOLA, FLORIDA

D.E.P.
 TALLAHASSEE BRANCH OFFICE

DATE:	PROJECT NO.
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DRAINAGE BASIN BOUNDARY

PROPOSED OVERFLOW WEIR (SEE SHEET D2 FOR DETAIL)

PROPOSED OUTFALL STRUCTURE (SEE SHEET D1 FOR DETAIL)

PROPOSED WET DETENTION POND (SEE SHEET D1 FOR DETAIL)

LITTORAL SHELF PLANTING AREA ±1,812 SF (SEE SHEET D1 FOR DETAIL)

DRAINAGE BASIN AREAS

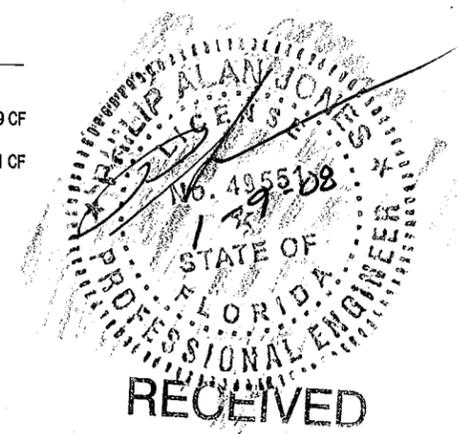
	DB-1A = 0.337 AC
	DB-1B = 0.089 AC
	DB-1C = 0.194 AC
	DB-1D = 0.132 AC
	DB-1E = 0.529 AC
TOTAL = 1.281 AC	

WET DETENTION POND AREAS

TREATMENT TOP (EL 4.0)	= 5631 SF
PERMANENT POND (EL 3.0)	= 4431 SF
LITTORAL SHELF TOP (EL 3.0)	= 4431 SF
LITTORAL SHELF BOTTOM (EL 2.0)	= 2819 SF
POND BOTTOM (EL -3.0)	= 139 SF

TREATMENT VOLUMES

REQUIRED	
1.0" FROM CONTRIBUTING AREA	= 4,649 CF
PROVIDED	= 5,031 CF



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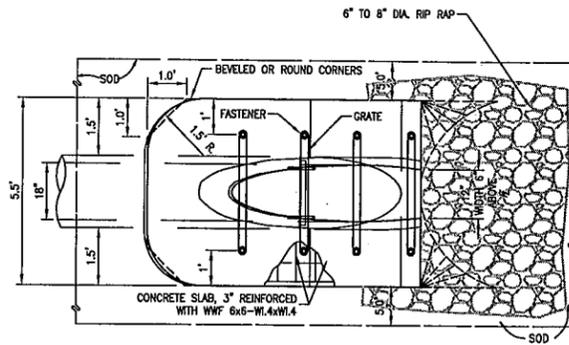
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DRAINAGE BASIN MAP
 THREE SERVICEMEN MEMORIAL PLAZA
 APALACHICOLA, FLORIDA

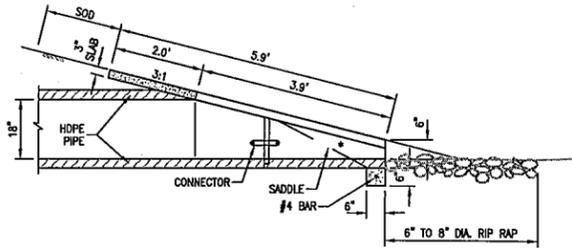
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TOP VIEW-SINGLE PIPE

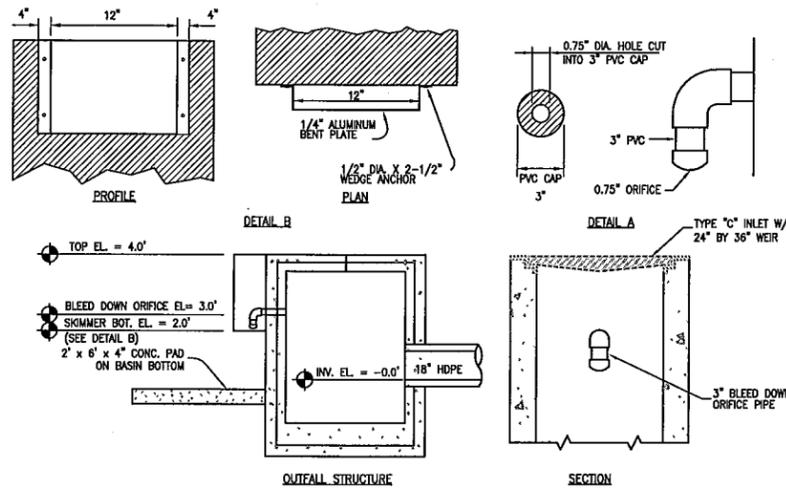


MITERED END SECTION DETAIL

NOTE:
GRATES ARE NOT REQUIRED UNLESS MITERED END IS LOCATED WITHIN THE CLEAR ZONE.

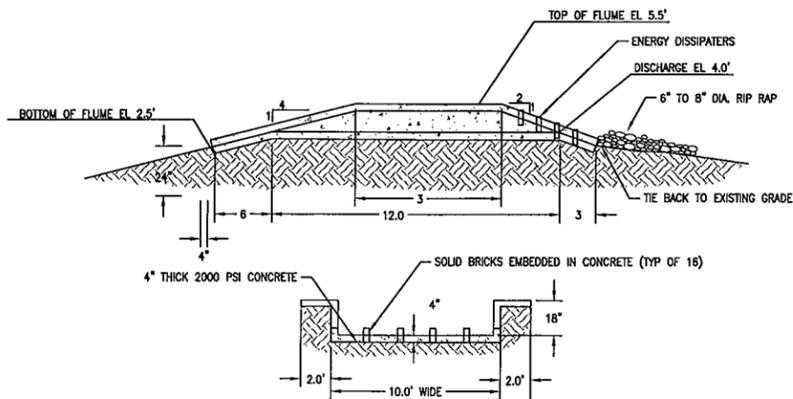
DETAIL 18" HDPE MITERED END SECTION

SCALE: N.T.S.



DETAIL WET POND : OUTFALL STRUCTURE DETAIL

SCALE: N.T.S.

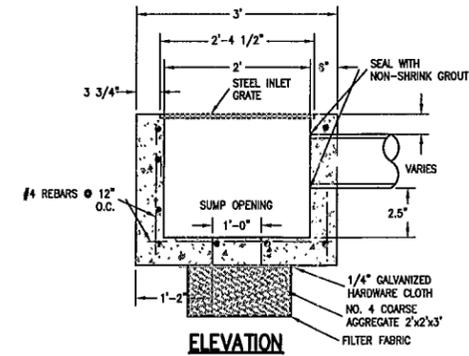


DETAIL CONCRETE OVERFLOW WEIR

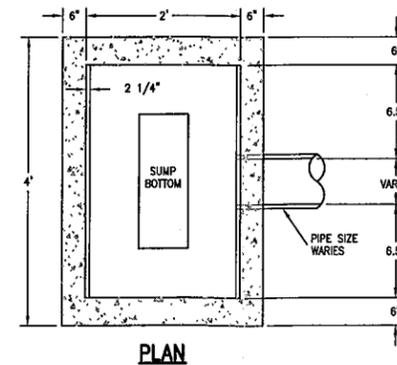
SCALE: N.T.S.

EROSION AND SEDIMENT CONTROL NOTES:

- CONTRACTOR SHALL STAGE AND TIME CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
- AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR WILL STABILIZE THE SOIL. FOR LONG, NARROW AREAS, THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL IF FINAL GRADING AND STABILIZATION WILL NOT BE PERFORMED WITHIN FIVE (5) DAYS. FAILURE TO STABILIZE EXPOSED SOIL AREAS IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF CHAPTERS 62-3, 62-12, AND/OR 62/25, FLORIDA ADMINISTRATIVE CODE, BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND SUBJECT TO CORRECTIVE ACTION, PURSUANT TO SECTION 403.121-403.161 FLORIDA STATUTES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL UNLESS ANOTHER PARTY HAS BEEN PREVIOUSLY SPECIFIED AS RESPONSIBLE FOR THE EROSION CONTROL ASSOCIATED WITH THAT TASK. IN THE EVENT ANOTHER PARTY IS RESPONSIBLE FOR EROSION CONTROL, THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR COORDINATION WITH THE PARTY RESPONSIBLE. IN THE EVENT THAT DAMAGE TO THE CONSTRUCTED ITEM RESULTS ARE DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL REPAIR OR REPLACE THE ITEM AT NO CHARGE TO THE OWNER. TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS, BALED HAY OR STRAW, SILT FENCES, AND TURBIDITY BARRIERS.
- TEMPORARY EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS. PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD, AND/OR ARTIFICIAL COVERINGS.
- PERMANENT EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTIONS 570 AND 575 OF THE FDOT STANDARD SPECIFICATIONS. SEED OR GRASS TYPE SHALL MATCH EXISTING OR BE AS SPECIFIED BY OWNER UNLESS NOTED OTHERWISE.
- GRASS BY SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. THIS SHALL BE USED ONLY IN AREAS SUBJECT TO LIGHT EROSION SUCH AS FLAT AREAS.
- GRASS BY HYDRO-SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. HYDRO-SEEDING MAY BE USED FOR FLAT AREAS AND SIDE SLOPES WHICH DO NOT EXCEED 2:1. DRAINAGE DITCHES OR LARGE SWALES MUST HAVE ADDITIONAL PROTECTION BESIDES HYDRO-SEEDING.
- GRASS AND MULCH SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. GRASS AND MULCH MAY BE USED IN ALL AREAS EXCEPT LARGE SWALES OR DITCHES. MULCH SHALL BE ANCHORED IN ACCORDANCE WITH SECTION 570.
- SOLID SOD SHALL BE IN ACCORDANCE WITH SECTIONS 104, 575, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. SOD MAY BE USED IN ALL AREAS FOR SIDE SLOPES GREATER THAN OR EQUAL TO 2:1. SOD SHALL BE STACKED SO AS TO AVOID A CONTINUOUS SEAM. IN AREAS WITH SLOPES 4:1 OR STEEPER, EACH PIECE OF SOD SHALL BE PEGGED WITH SOD PEGS. IN DIFFICULT SOIL CONDITIONS WITH STEEP SLOPES, IT MAY BE NECESSARY TO COVER SOD WITH ARTIFICIAL COVERINGS SUCH AS JUTE MESH UNTIL SOD BECOMES ESTABLISHED.
- TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS, POLYESTER BLANKETS, JUTE MESH, AND DRAINAGE FABRICS. MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SEEDING SHALL BE INCLUDED IF MATERIAL REQUIRES VEGETATION TO FUNCTION PROPERLY.
- THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER, OR AS SPECIFIED IN THE CONSTRUCTION DRAWINGS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER, AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFF-SITE BY EROSION OR STORMWATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
- CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION-RELATED TRAFFIC IS TO ENTER AND EXIT SITE.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS.



ELEVATION



PLAN

NOTE:
TYPE "C" INLETS SHALL NOT HAVE SUMP OPENING UNLESS SPECIFIED ON PLAN VIEW.

DETAIL TYPE "C" STORMWATER INLET

SCALE: N.T.S.

RECEIVED
D.E.P.
TALLAHASSEE BRANCH OFFICE

NO.	DATE	APPR.	REVISION
1	2/7/08	SEP	Revised Office Dignimeter
2			
3			
4			
5			

PREBLE-RISH INC
CONSULTING ENGINEERS AND SURVEYORS
CIVIL SURVEYING • SITE PLANNING
203 ABERDEEN PARKWAY
TALLAHASSEE, FL 32305
(850) 522-9244

THREE SERVICE MEN MEMORIAL PLAZA
CITY OF APALACHICOLA
FRANKLIN COUNTY, FL

PROJECT NO.	DATE	SCALE	DRAWN	CHECKED
500.075	12/07	AS SHOWN	SBM	SEP/PAJ
SHEET				
D2				

AVENUE "F"
(NOT CONSTRUCTED)
(60' R/W)

12th STREET
(60' R/W - PAVED)

13th STREET

U.S. HIGHWAY NO: 98
(60' R/W - PAVED)

0.77 acres±

APPROXIMATE LOCATION OF EXISTING VACUUM SANITARY SEWER LINE PER THURMAN RODDENBERRY & ASSOCIATES, INC. (TR&A)

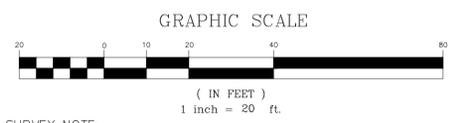
LIMITS OF BASE BID (TYP.)

TWO-STORY BLOCK BUILDING

POINT OF BEGINNING
THE MOST SOUTHEASTERLY CORNER OF BLOCK "84" OF THE CITY OF APALACHICOLA, AS PER MAP OR PLAT THEREOF IN COMMON USE ON FILE AT THE CLERK OF THE CIRCUIT OFFICE IN FRANKLIN COUNTY, FLORIDA.

NOTE:
ALTERNATE BID BOUNDARY SHALL INCLUDE THE ENTIRE PARCEL (EXCLUDING THAT PORTION THAT IS INCLUDED IN THE BASE BID).

- LEGEND**
- △ POINT NOT SET OR FOUND
 - FIRC FOUND IRON ROD & CAP
 - SIRC SET 5/8" RE-ROD #7160
 - FN&C FOUND NAIL AND CAP
 - M MEASURED
 - RP RECORD PLAT
 - R/W RIGHT-OF-WAY



SURVEY NOTE:
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EMO
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1126 Thomasville Road
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SEAL FLORIDA PROFESSIONAL ENGINEER
L. JACK HUSBAND, II, P.E.
LICENSE NUMBER 69169



NEW APALACHICOLA MUNICIPAL LIBRARY
N.W. CORNER 12TH STREET AND AVENUE E
for the
CITY OF APALACHICOLA
APALACHICOLA, FLORIDA 32320

DESIGNED: L. WATSON
DRAWN: L. WATSON
CHECKED: J. HUSBAND
PROJ. NO. 16-280-01
REVISIONS
REV DATE DESCRIPTION
△ - - -
△ - - -
△ - - -
△ - - -
△ - - -
△ - - -
△ - - -

DRAWING PHASE
CONTRACT DOCUMENTS

SCE
SOUTHEASTERN
CONSULTING ENGINEERS, INC.
P.O. BOX 141
WEWAHITCHKA, FL 32465
(850) 639-3860
LB# 29064

DRAWING TITLE
EXISTING CONDITIONS
SCE PROJECT
16-280-01
SHEET NO.
C1
29 JULY 2016

AVENUE "F"
(NOT CONSTRUCTED)
(60' R/W)

12th STREET
(60' R/W - PAVED)

13th STREET

U.S. HIGHWAY NO: 98
(60' R/W - PAVED)

0.77 acres±

DRAINAGE BASIN 2
6,180.21 SF
(0.14 AC)

DRAINAGE BASIN 1
23,744.87 SF
(0.55 AC)

DRAINAGE BASIN 3
3,679.73 SF
(0.08 AC)

APPROXIMATE LOCATION OF EXISTING VACUUM SANITARY SEWER LINE PER THURMAN RODDENBERRY & ASSOCIATES, INC. (TR&A)

POINT OF BEGINNING
THE MOST SOUTHEASTERLY CORNER OF BLOCK "84" OF THE CITY OF APALACHICOLA, AS PER MAP OR PLAT THEREOF IN COMMON USE ON FILE AT THE CLERK OF THE CIRCUIT OFFICE IN FRANKLIN COUNTY, FLORIDA.

LEGEND

- △ POINT NOT SET OR FOUND
- FIRC FOUND IRON ROD & CAP
- SIRC SET 5/8" RE-ROD #7160
- FN&C FOUND NAIL AND CAP
- M MEASURED
- RP RECORD PLAT
- R/W RIGHT-OF-WAY

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CITY OF APALACHICOLA
APALACHICOLA, FLORIDA 32320

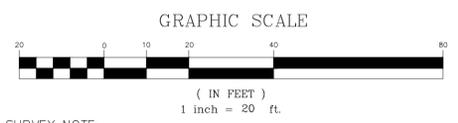
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DRAWN: L. WATSON
CHECKED: J. HUSBAND
PROJ. NO. 16-280-01
REVISIONS
REV DATE DESCRIPTION
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CONTRACT DOCUMENTS

DRAWING TITLE
DRAINAGE BASIN
SCE PROJECT
16-280-01

SHEET NO.
C2
29 JULY 2016

SCE
SOUTHEASTERN
CONSULTING ENGINEERS, INC.
P.O. BOX 141
WEWAHITCHKA, FL 32465
(850) 639-3860
LB# 29064



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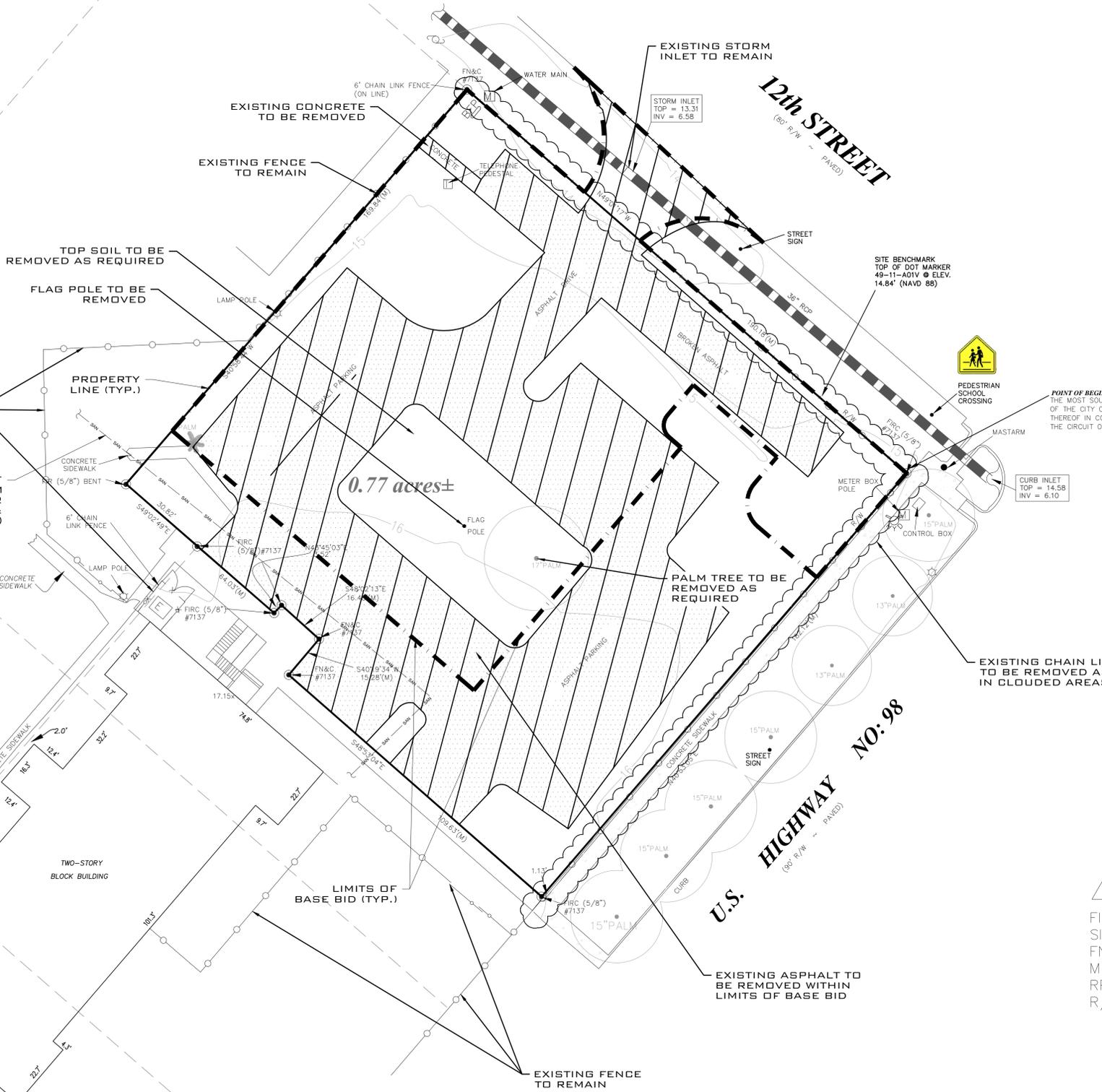
AVENUE "F"
(NOT CONSTRUCTED)
(60' R/W)

12th STREET
(60' R/W - PAVED)

13th STREET

U.S. HIGHWAY NO: 98
(60' R/W - PAVED)

0.77 acres±

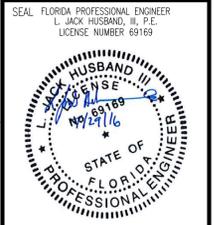


LEGEND

	POINT NOT SET OR FOUND
FIRC	FOUND IRON ROD & CAP
SIRC	SET 5/8" RE-ROD #7160
FN&C	FOUND NAIL AND CAP
M	MEASURED
RP	RECORD PLAT
R/W	RIGHT-OF-WAY

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APALACHICOLA, FLORIDA 32320

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CHECKED: J. HUSBAND
PROJ. NO. 16-280-01

REV	DATE	DESCRIPTION

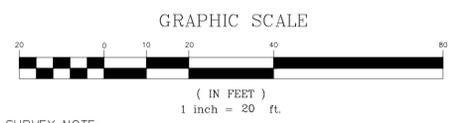
DRAWING PHASE: **CONTRACT DOCUMENTS**

DRAWING TITLE: **DEMOLITION PLAN**
SCE PROJECT
16-280-01

SHEET NO.: **C3**

29 JULY 2016

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CONSULTING ENGINEERS, INC.
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(850) 639-3860
LB# 29064



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Border Revision Date: 1 Jan, 2016

AVENUE "F"
(NOT CONSTRUCTED)
(60' R/W)

13th STREET

12th STREET
(60' R/W - PAVED)

U.S. HIGHWAY
(60' R/W - PAVED)

NO: 98

PROPOSED LEGEND:

- PROPOSED ASPHALT (BASE BID)
- PROPOSED ASPHALT (ALTERNATE BID)
- PROPOSED LANDSCAPING FUNDED FROM THE GMP LANDSCAPE ALLOWANCE
- PROPOSED SOD
- PROPOSED CONCRETE
- PROPOSED BUILDING
- BASE BID LIMITS
- PROPERTY LINE

LEGEND

- POINT NOT SET OR FOUND
- FIRC FOUND IRON ROD & CAP
- SIRC SET 5/8" RE-ROD #7160
- FN&C FOUND NAIL AND CAP
- M MEASURED
- RP RECORD PLAT
- R/W RIGHT-OF-WAY

PROPOSED AREA TABLE		
LIBRARY BUILDING	3,766.60	SF
ASPHALT PAVEMENT	13,897.61	SF
CONCRETE SIDEWALK	1,773.71	SF
OPEN GRASS (GOOD COND.)	14,032.47	SF
TOTAL IMPERVIOUS AREA	19,437.92	SF
TOTAL LOT AREA	33,598.60	SF
IMPERVIOUS AREA PERCENT	57.85	%

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SOUTHERN
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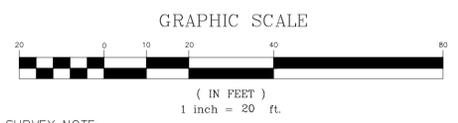
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LICENSE NUMBER 69169

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N.W. CORNER 12TH STREET AND AVENUE E
for the
CITY OF APALACHICOLA
APALACHICOLA, FLORIDA 32320

DESIGNED: L. WATSON		
DRAWN: L. WATSON		
CHECKED: J. HUSBAND		
PROJ. NO. 16-280-01		
REVISIONS		
REV	DATE	DESCRIPTION

DRAWING PHASE	CONTRACT DOCUMENTS
DRAWING TITLE	SITE PLAN SCE PROJECT # 16-280-01
SHEET NO.	C4
DATE	29 JULY 2016



SURVEY NOTE:
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Border Revision Date: 1 Jan, 2016

AVENUE "F"
(NOT CONSTRUCTED)
(60' R/W)

13th STREET

12th STREET
(60' R/W - PAVED)

U.S. HIGHWAY NO: 98
(60' R/W - PAVED)

PROPOSED UTILITY LEGEND:

- WTR — WTR — PROPOSED 1" SCH 80 PVC POTABLE WATER SERVICE LINE
- SAN — SAN — EXISTING VACUUM SANITARY SEWER LINE PER TR&A
- 1" BACKFLOW PREVENTER
- PROPOSED 8" CORRUGATED HDPE PIPE (ADS N12 OR APPROVED EQUAL)
- WM — PROPOSED 1" SDR21 PVC (PURPLE PIPE) REUSE WATER MAIN EXTENSION
- 6" SEWER LATERAL FROM PROPOSED BUILDING TO VACUUM SEWER PIT
- PROPOSED 1" WATER METER ASSEMBLY
- PROPOSED 1" REUSE WATER METER ASSEMBLY

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LICENSE NUMBER 89169

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for the
CITY OF APALACHICOLA
N.W. CORNER 12TH STREET AND AVENUE E
APALACHICOLA, FLORIDA 32320

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DRAWN: L. WATSON
CHECKED: J. HUSBAND
PROJ. NO. 16-280-01

REVISIONS		
REV	DATE	DESCRIPTION

DRAWING PHASE
CONTRACT DOCUMENTS

DRAWING TITLE
**UTILITY PLAN
SCE PROJECT
16-280-01**

SHEET NO.
C6

29 JULY 2016

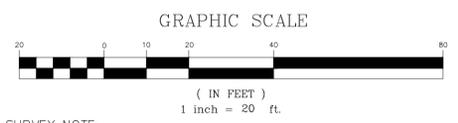
SCE
SOUTHERN
CONSULTING ENGINEERS, INC.
P.O. BOX 141
WEAHCITKA, FL 32465
(850) 639-3860
LB# 29064

IRRIGATION NOTE:
1. IRRIGATION BY OTHERS.
2. CONTROLLER FOR IRRIGATION SYSTEM TO BE LOCATED IN MECHANICAL ROOM (BY OTHERS).

LEGEND

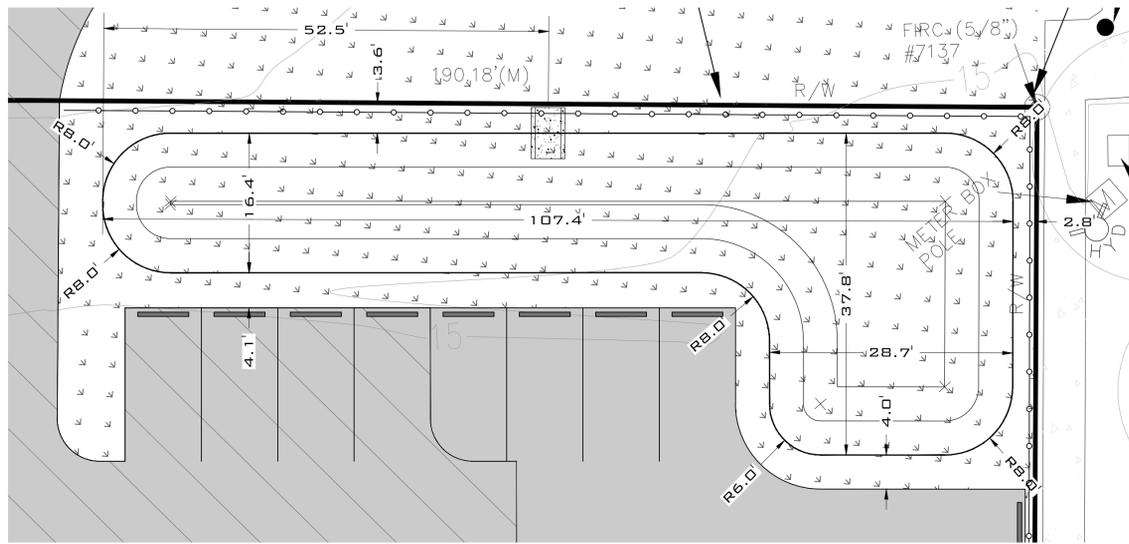
- △ POINT NOT SET OR FOUND
- FIRC FOUND IRON ROD & CAP
- SIRC SET 5/8" RE-ROD #7160
- FN&C FOUND NAIL AND CAP
- M MEASURED
- RP RECORD PLAT
- R/W RIGHT-OF-WAY

REUSE WATER MAIN EXTENSION NOTE:
1. NO FOOT OR FDEP PERMITTING HAS BEEN CONDUCTED AT THIS TIME.
2. CONSULT WITH ARCHITECT PRIOR TO ANY WORK IF THESE SERVICES WILL BE REQUIRED UNDER THIS SCOPE OF WORK.
3. THE 1" REUSE WATER MAIN SHOWN IS APPROXIMATE. THE REQUIRED IRRIGATION SYSTEM FLOW SHALL BE PROVIDED IN ORDER TO ADEQUATELY SIZE THIS LINE.

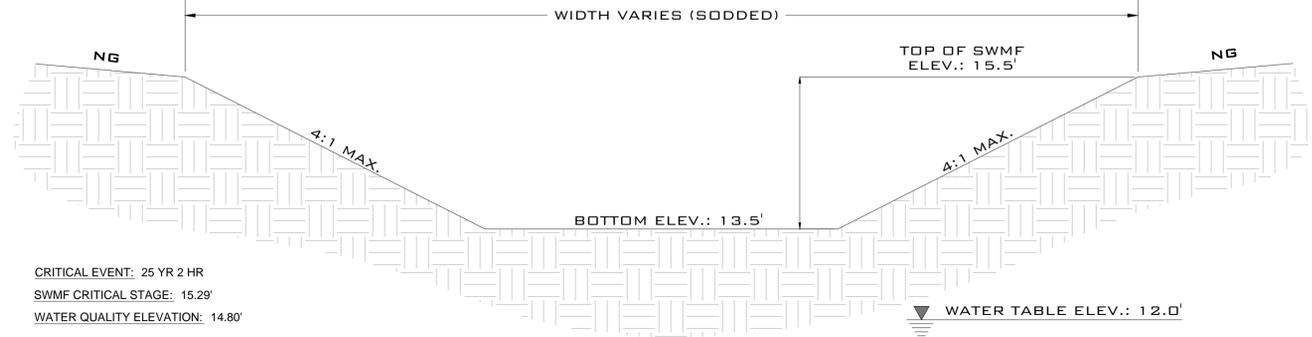


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Border Revision Date: 1 Jan, 2016

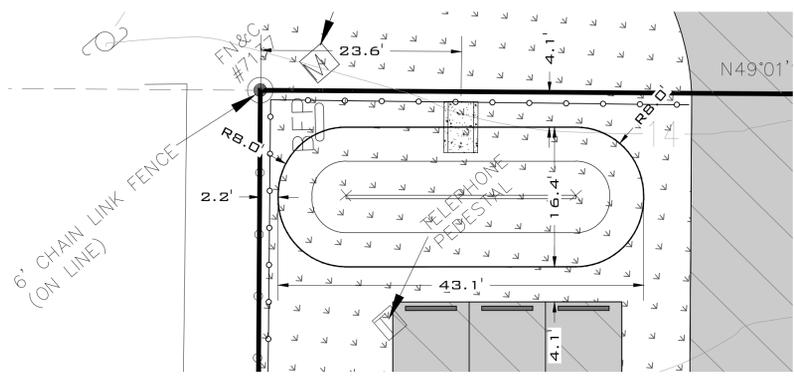


1 SWMF - 01 LAYOUT DETAIL
C7 SCALE: 1" = 10'

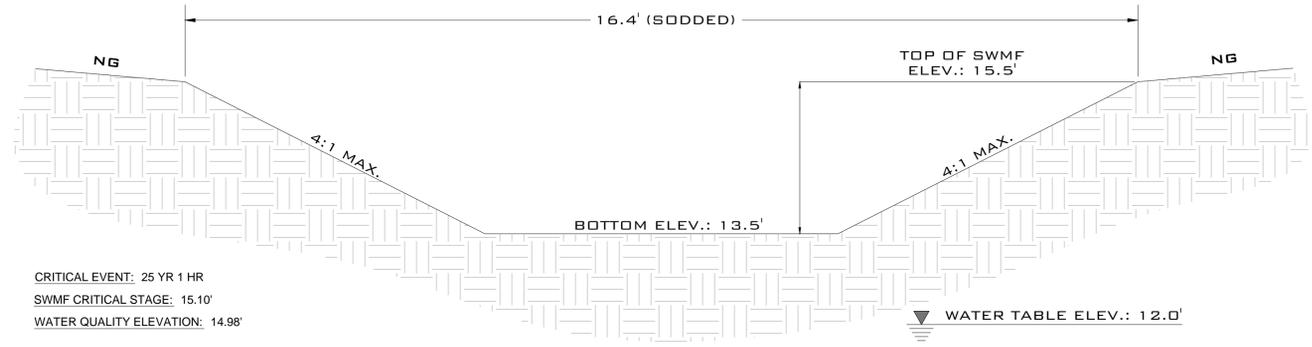


CRITICAL EVENT: 25 YR 2 HR
 SWMF CRITICAL STAGE: 15.29'
 WATER QUALITY ELEVATION: 14.80'

2 SWMF - 01 TYPICAL SECTION
C7 SCALE: N.T.S.

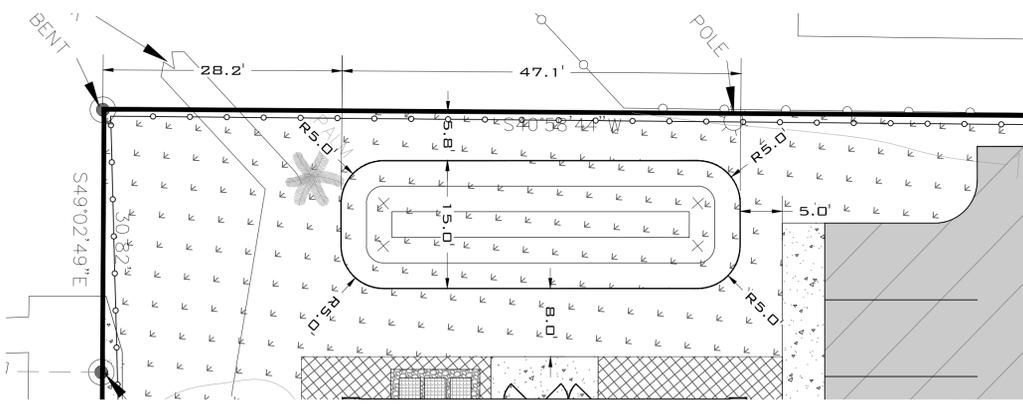


3 SWMF - 02 LAYOUT DETAIL
C7 SCALE: 1" = 10'

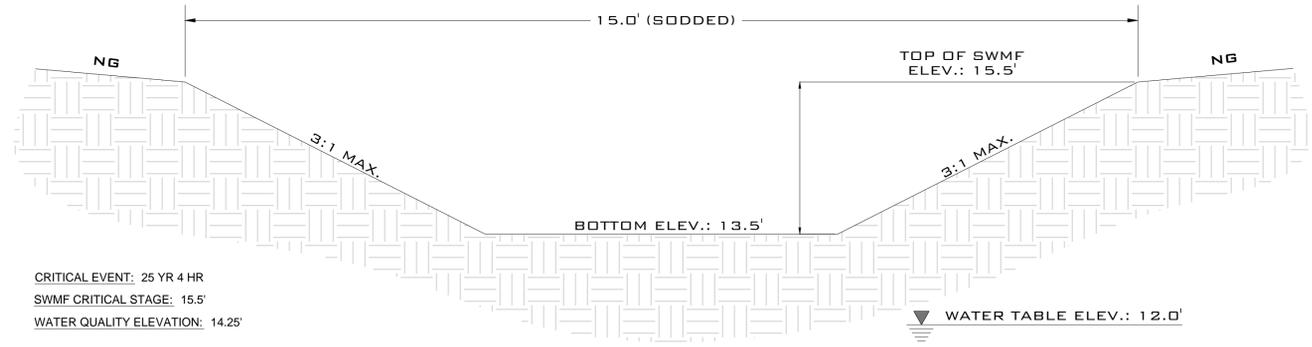


CRITICAL EVENT: 25 YR 1 HR
 SWMF CRITICAL STAGE: 15.10'
 WATER QUALITY ELEVATION: 14.98'

4 SWMF - 02 TYPICAL SECTION
C7 SCALE: N.T.S.



5 SWMF - 03 LAYOUT DETAIL
C7 SCALE: 1" = 10'



CRITICAL EVENT: 25 YR 4 HR
 SWMF CRITICAL STAGE: 15.5'
 WATER QUALITY ELEVATION: 14.25'

6 SWMF - 03 TYPICAL SECTION
C7 SCALE: N.T.S.

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 LICENSE NUMBER 69169



NEW APALACHICOLA MUNICIPAL LIBRARY
 N.W. CORNER 12TH STREET AND AVENUE E
 for the
 CITY OF APALACHICOLA
 APALACHICOLA, FLORIDA 32320

DESIGNED: L. WATSON
DRAWN: L. WATSON
CHECKED: J. HUSBAND
PROJ. NO. 16-280-01
REVISIONS
REV DATE DESCRIPTION

DRAWING PHASE
CONTRACT DOCUMENTS

SCE
 SOUTHEASTERN
 CONSULTING ENGINEERS, INC.
 P.O. BOX 141
 WEWAHITCHKA, FL 32465
 (850) 639-3860
 LB# 29064

DRAWING TITLE
SWMF DETAILS
 SCE PROJECT
 # 16-280-01
 SHEET NO.
C7
 29 JULY 2016

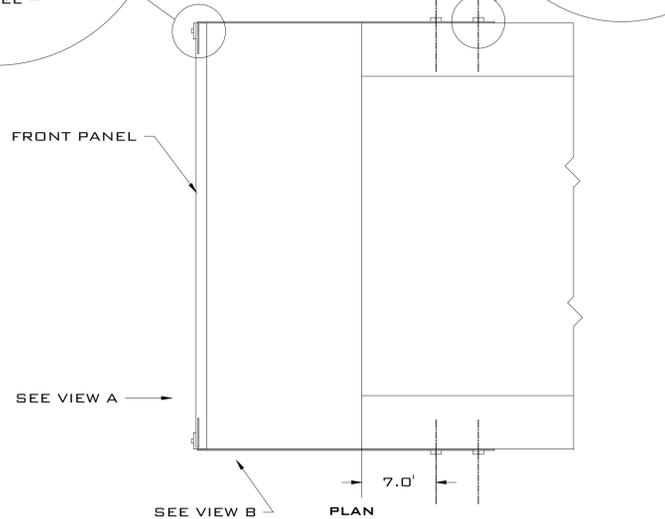
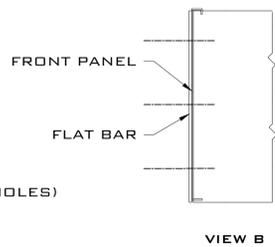
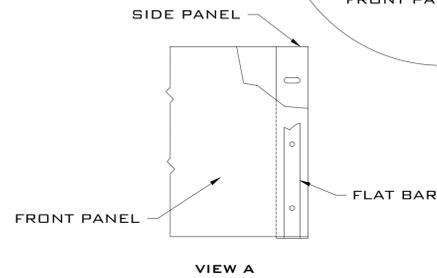
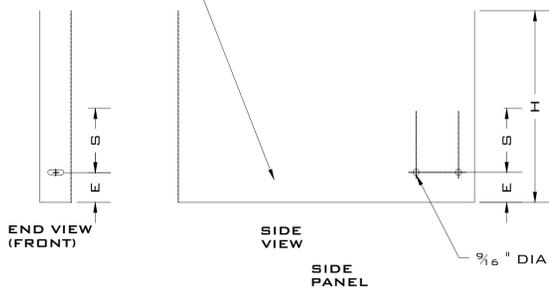
SKIMMER HEIGHT AS SPECIFIED IN THE PLANS (H)	(D)	(E)	(L)	BOLT SPACING (D)
12	3	3-3/16	28	3
14	3	3-3/16	28	4
16	3	3-3/16	28	5
18	3	3-3/16	28	6
20	4	4-3/16	31	7
22	4	4-3/16	31	8
24	4	4-3/16	31	9
26	4	4-3/16	31	10
28	4	4-3/16	31	11
30	5	5-3/16	31	12
32	5	5-3/16	31	13
34	5	5-3/16	31	14
36	6	6-3/16	31	15
38	6	6-3/16	31	16
40	6	6-3/16	31	17

3/8" DIA. X 1 1/2" LONG HEX BOLT, FLAT WASHER, FENDER WASHER, AND LOCK NUT, ALL STAINLESS STEEL. (6 REQUIRED PER SKIMMER)



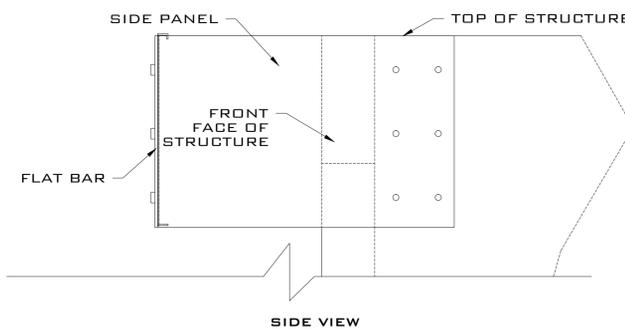
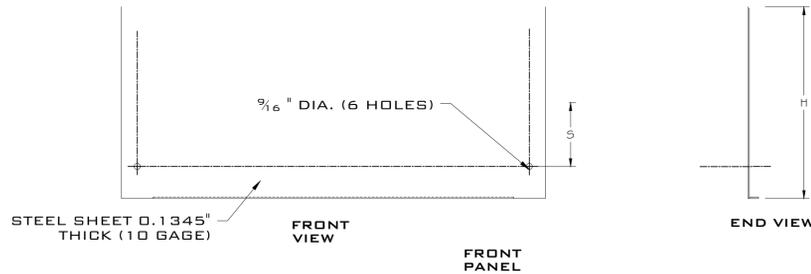
3/8" DIA. STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASER. EMBEDMENT DEPTH = 2 1/2". ANCHORS TO BE KWIK BOLT II BY HILTI CORPORATION, POWER-STUD BY POWERS FASTENING INC., OR TRUBOLT BY ITW RAMSET/RED HEAD AND EDOJA. ANCHORS TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS (12 REQUIRED PER SKIMMER)

STEEL SHEET 0.1345" THICK (10 GAGE)

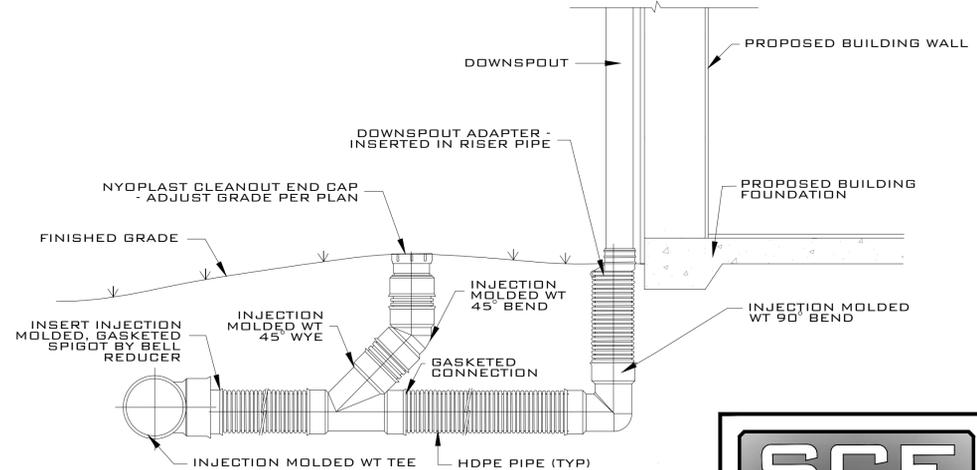
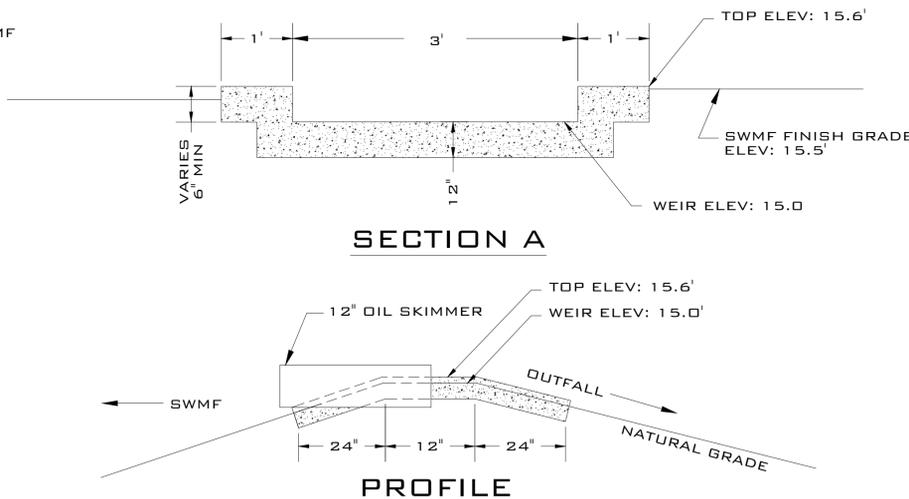
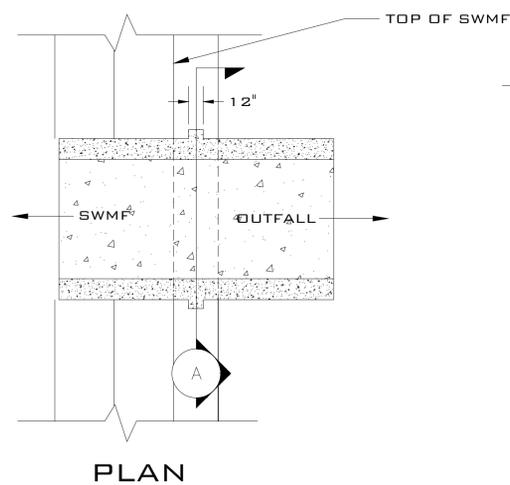


GENERAL NOTES:

1. THE SIDE PANELS ARE DIMENSIONALLY SYMMETRIC, THEREFORE THEY MAY BE USED ON EITHER SIDE OF THE STRUCTURE.
2. TWO (2) SKIMMERS MAY BE CONSTRUCTED ON ONE STRUCTURE PROVIDED THEY ARE ON OPPOSITE ENDS.
3. THE WIDTH OF THE FRONT PANEL (DIMENSION W) SHALL BE THE SAME AS THE OUTSIDE DIMENSION ACROSS THE FRONT OF THE STRUCTURE.
4. THE FRONT PANEL, SIDE PANELS, AND FLAT BARS ARE TO BE HOT DIP GALVANIZED AFTER FABRICATION.
5. THE LOCATION OF THE REINFORCING STEEL IN THESE STRUCTURES MUST CONFORM TO THE APPLICABLE STANDARDS TO AVOID CONFLICT WITH THE EXPANSION ANCHORS USED TO ATTACH THE SKIMMER.
6. THE LOCATION OF THE REINFORCING STEEL IN THESE STRUCTURES MUST CONFORM TO THE APPLICABLE STANDARDS TO AVOID CONFLICT WITH THE EXPANSION ANCHORS USED TO ATTACH THE SKIMMER.
7. A SKIMMER CONSISTS OF TWO (2) SIDE PANELS, ONE FRONT PANEL, TWO (2) FLAT BARS, AND ACCESSORY HARDWARE. THE COST OF SKIMMERS IS TO BE INCLUDED IN THE COST OF THE WEIR.



1 SWMF CONCRETE WEIR DETAIL
CB N.T.S.



3 NYOPLAST DOWNSPOUT DETAIL
CB N.T.S.

2 SWMF CONCRETE WEIR DETAIL
CB N.T.S.

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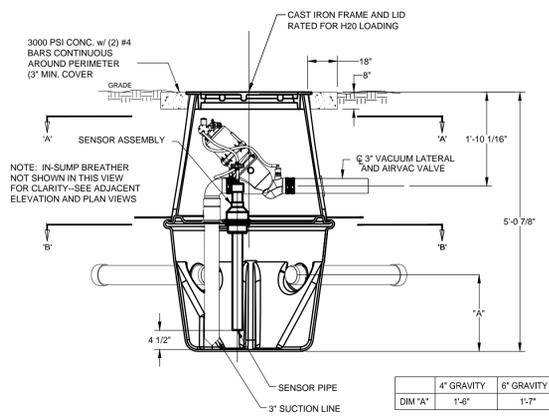
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DRAWN: L. WATSON
CHECKED: J. HUSBAND
PROJ. NO. 16-280-01

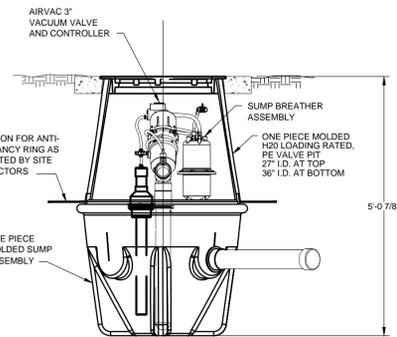
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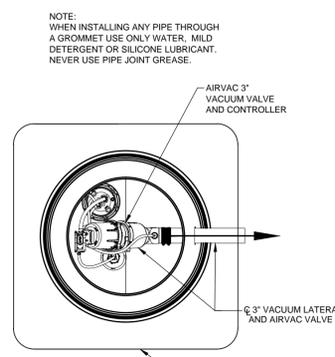
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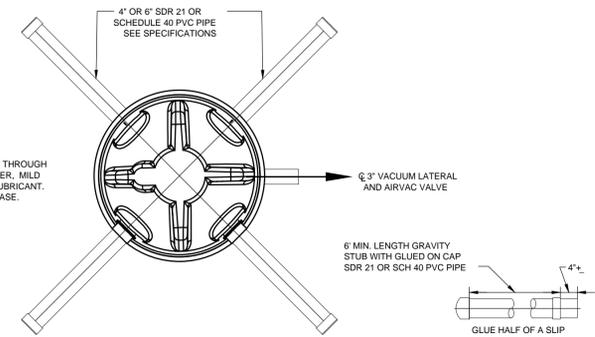
VALVE PIT ELEVATION VIEW



VALVE PIT ELEVATION VIEW

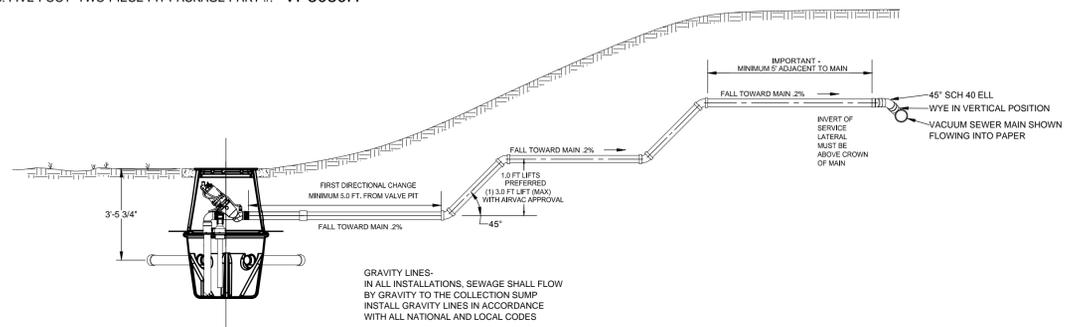


SECTION 'A-A'

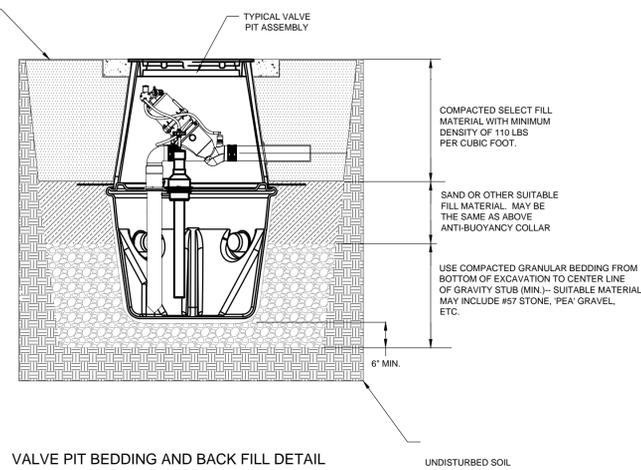


SECTION 'B-B'

- NOTES:
1. ALL GROMMETS FOR VALVE PIT AND SUMP SUPPLIED BY AIRVAC.
 2. ALL HOLES IN VALVE PIT AND PIT BOTTOM ARE FACTORY CUT. ALL GRAVITY LINE CONNECTION OPENINGS IN THE SUMP ARE FIELD CUT.
 3. ONLY BUILDINGS WHOSE LOWER FLOOR ELEVATIONS ARE THE SAME SHOULD BE CONNECTED TO A COMMON VACUUM VALVE PIT INSTALLATION. SOME LOCAL CODES MAY REQUIRE THE INSTALLATION OF A BACKFLOW PREVENTER IN THE OWNERS' GRAVITY LINES. WITH MULTIPLE FLOOR BUILDINGS, EACH FLOOR LEVEL SHOULD BE SERVICED BY ITS OWN VACUUM VALVE PIT PACKAGE.
 4. WHEN INSTALLING ANY PIPE THROUGH A GROMMET, USE ONLY WATER, MILD DETERGENT, OR SILICONE LUBRICANT. NEVER USE PIPE JOINT GREASE.
 5. DO NOT INSTALL VACUUM VALVE UNTIL GRAVITY LINE IS CONNECTED TO PIT PACKAGE AND AIR INTAKE IS IN PLACE.
 6. FIVE-FOOT TWO-PIECE PIT PACKAGE PART #: VP3030H

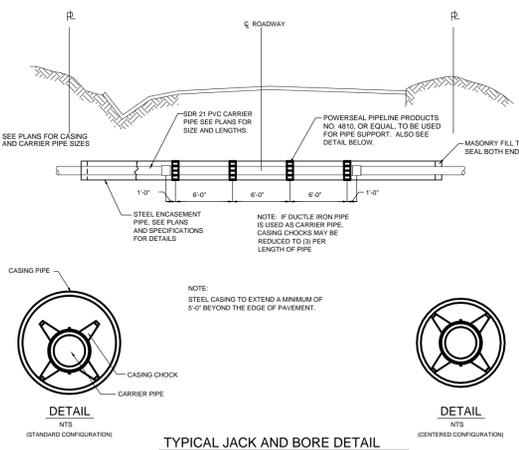


LIFT DETAILS FOR 3" SERVICE LATERAL

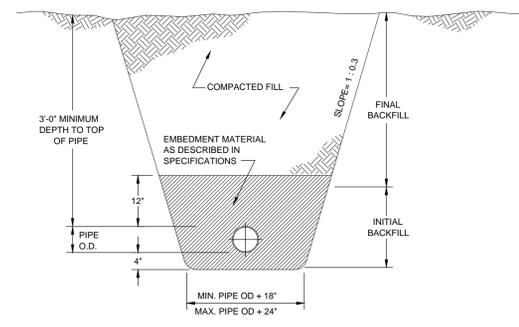


VALVE PIT BEDDING AND BACK FILL DETAIL

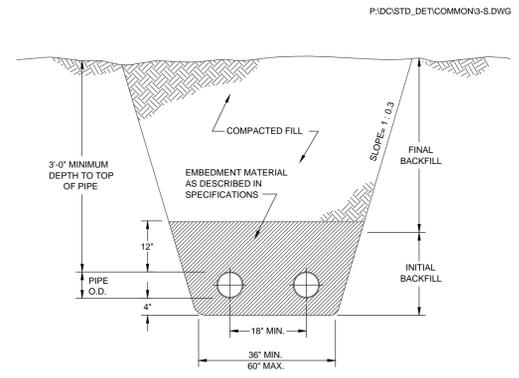
1 AIRVAC 2 PIECE 5' VACUUM SEWER PIT STANDARD DETAILS
C9 N.T.S.



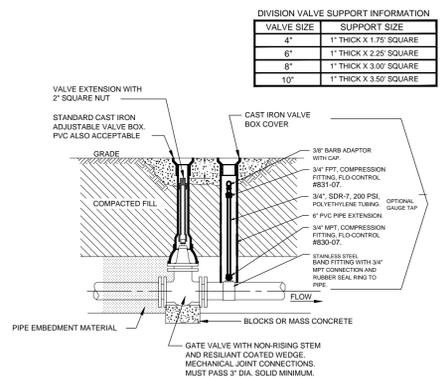
TYPICAL JACK AND BORE DETAIL



TYPICAL TRENCH SECTION



TYPICAL TRENCH SECTION (2-LINE)



DIVISION VALVE AND OPTIONAL GAUGE TAP

2 AIRVAC VACUUM SEWER STANDARD LINE DETAILS
C9 N.T.S.

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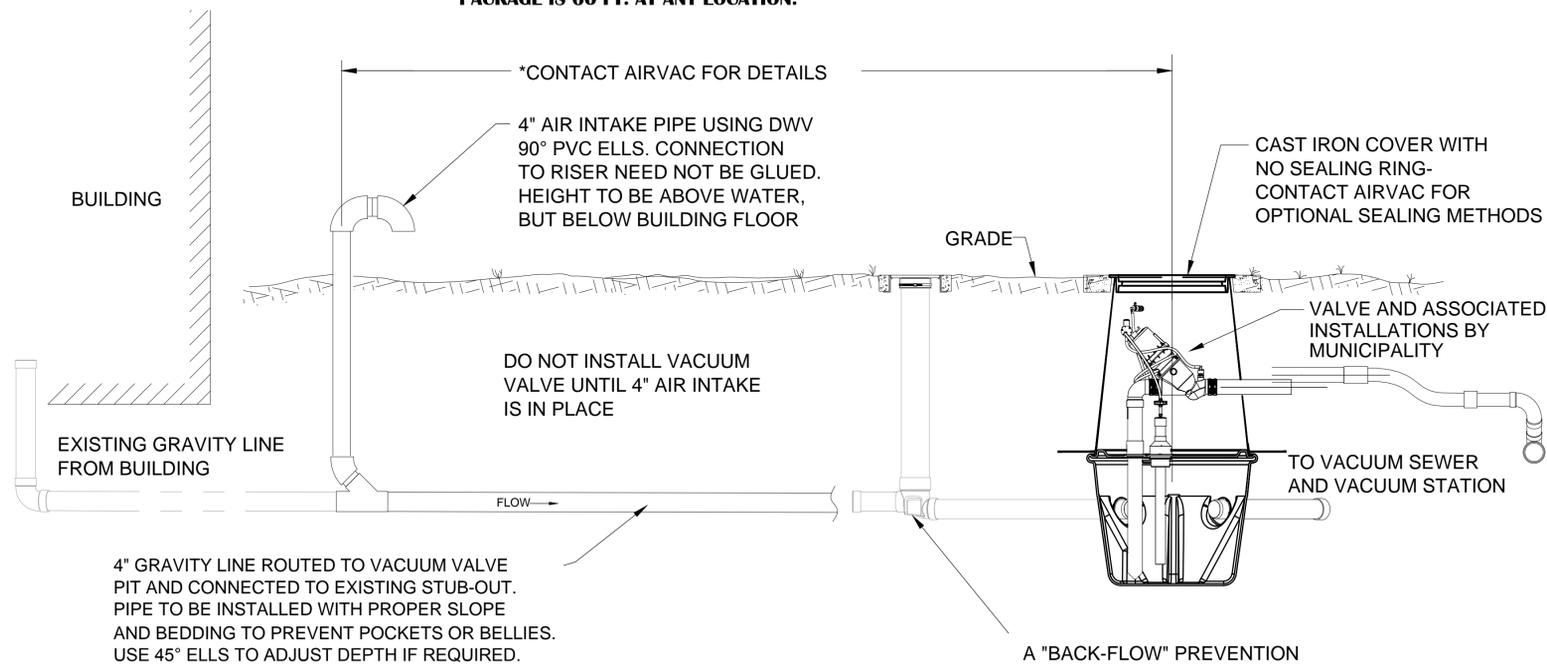
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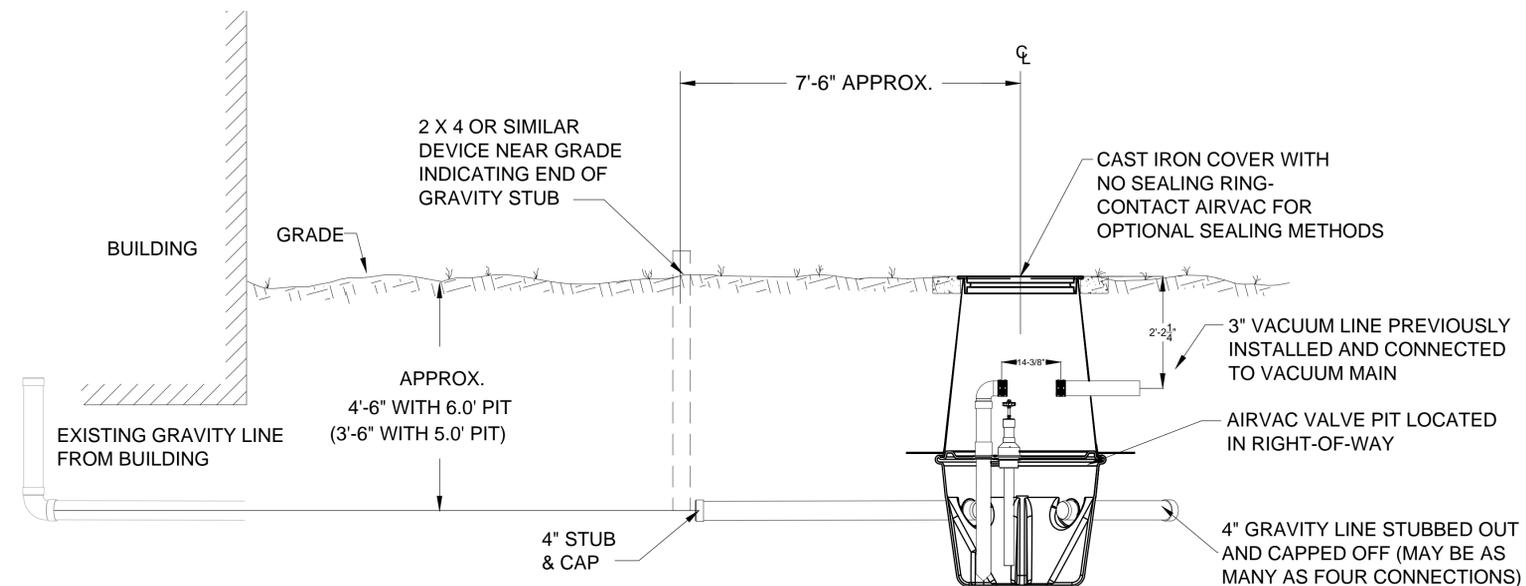
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NOTE: MINIMUM DISTANCE FROM AIR INTAKE OR AIR TERMINAL TO VALVE PIT PACKAGE IS 20 FT. IN COLD WEATHER CLIMATES. (THOSE WITH WINTER DESIGN DRY BULB TEMPERATURE OF 32 DEG. FAHRENHEIT OR LOWER.) MAXIMUM DISTANCE FROM AIR INTAKE TO VALVE PIT PACKAGE IS 60 FT. AT ANY LOCATION.

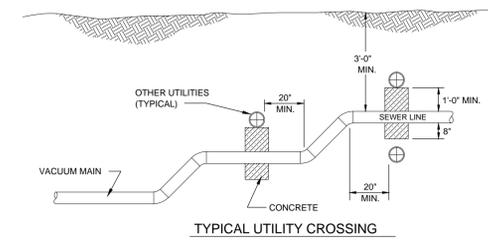


VALVE PIT AFTER BUILDING HOOK-UP



VALVE PIT PRIOR TO BUILDING HOOK-UP

1 BUILDING TO AIRVAC 2 PIECE VALVE PIT CONNECTION DETAILS N.T.S.



TYPICAL UTILITY CROSSING

GENERAL NOTES:

LIFTS:

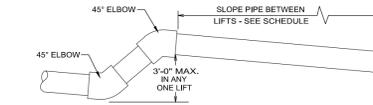
1. MINIMUM SLOPE BETWEEN LIFTS 0.20% X LENGTH OR 0.25 FT. FALL, WHICHEVER IS GREATER (FOR 4" AND LARGER VACUUM LINES).
2. FOR 3" SERVICE LATERALS, MINIMUM SLOPE BETWEEN LIFTS = 0.2% X LENGTH OR 0.20 FEET FALL, WHICHEVER IS GREATER.
3. MINIMUM SPACING BETWEEN LIFTS - 20'-0".
4. MAXIMUM ELEVATIONS IN ANY ONE LIFT - 3'-0".

SERVICE LINES

1. MINIMUM LENGTH OF PIPING FROM MAIN TO VALVE PIT = 5'-0".
2. SLOPE FROM VALVE PIT TO MAIN = 2" OR 0.20% FALL (WHICHEVER IS GREATER).
3. MINIMUM DISTANCE FROM VALVE PIT TO LIFT IN SERVICE LINE = 5'-0".
4. MINIMUM DISTANCE FROM LIFT IN SERVICE LINE TO CROSSOVER CONNECTION = 5'-0".

CROSSOVER CONNECTIONS (SERVICE LINE OR BRANCH CONNECTION TO MAIN)

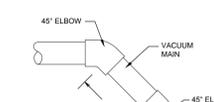
1. MINIMUM SPACING BETWEEN ANY TWO CROSSOVER CONNECTIONS - 5'-0".
2. MINIMUM DISTANCE FROM TOP OF LIFT TO ANY CROSSOVER CONNECTION - 6'-0".
3. ALL CROSSOVER CONNECTIONS MUST ENTER OVER TOP ALIGNMENT.
4. OF THE MAIN (WYE IN VERTICAL POSITION OR 45 DEGREE ALTERNATE LONG TURN 90° PERMITTED AS PART OF CROSSOVER TO MAIN CONNECTION AT MAIN LINE ONLY).



PIPE DIAMETER	SLOPE SCHEDULE	
	MINIMUM FALL	0.2% OF DISTANCE
3"	0.25 FT	0.2% - 105 FT
4"	0.25 FT	0.2% - 105 FT
6"	0.25 FT	0.2% - 105 FT
8"	0.25 FT	0.2% - 105 FT
10"	0.25 FT	0.2% - 105 FT

USE WHICHEVER SLOPE IS GREATER BETWEEN LIFTS. ABOVE THIS LENGTH IN DISTANCE, THE 0.2% SLOPE IS GREATER. ANYTHING SHORTER THAN THIS DISTANCE SHOULD USE MINIMUM FALL INDICATED. WHEN NOT BETWEEN TWO LIFTS, USE 0.2% SLOPE.

LIFT DETAIL AND SLOPE SCHEDULE SD-5



CHANGE IN DIRECTION

2 AIRVAC VACUUM SEWER STANDARD LINE DETAILS N.T.S.

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PROJ. NO. 16-280-01
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REV DATE DESCRIPTION
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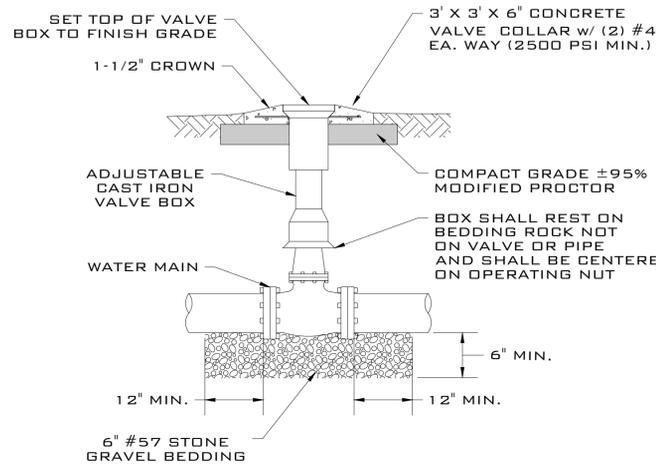
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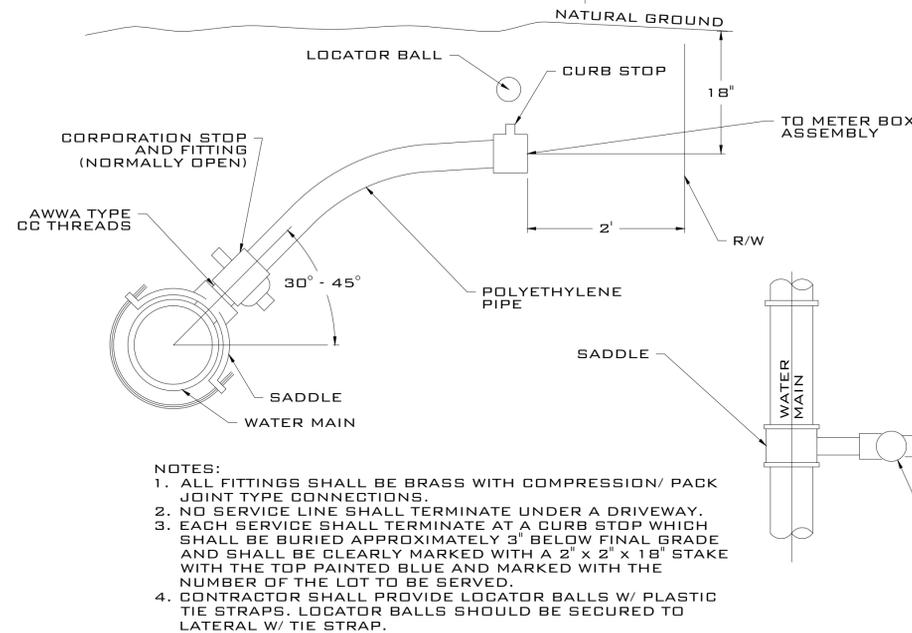
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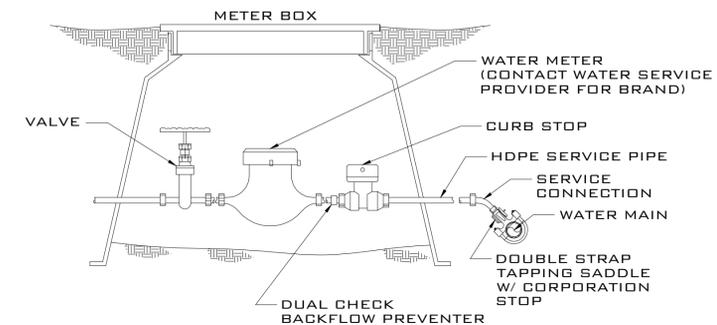
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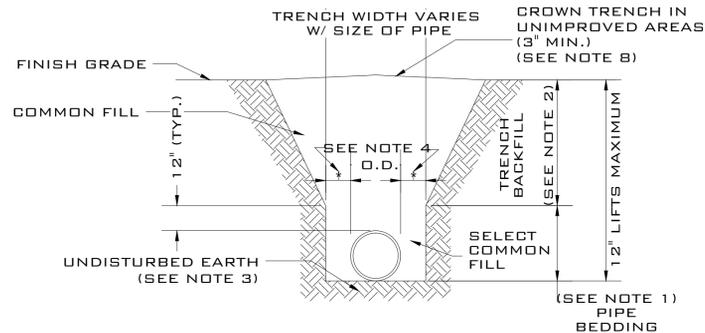
- 1 VALVE AND BOX DETAIL**
C11 N.T.S.
- NOTES:
- PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.
 - THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO COME UP TO 4 FOOT DEPTH BELOW FINISHED GRADE.



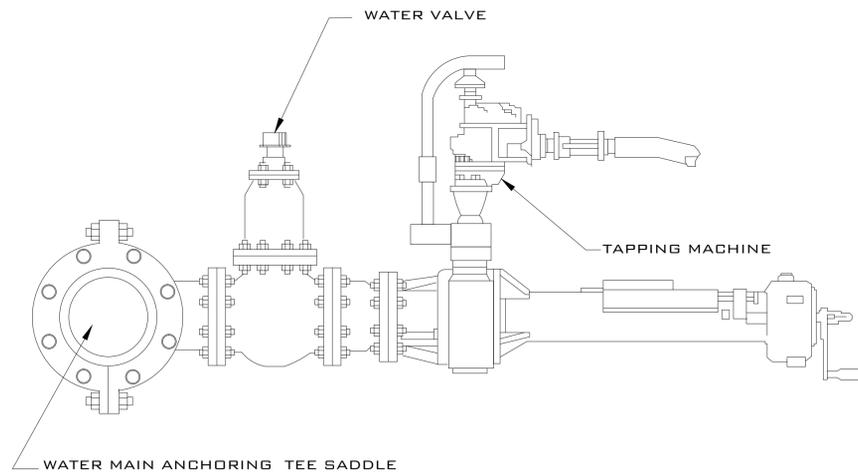
- 2 WATER SERVICE CONNECTION DETAILS**
C11 N.T.S.
- NOTES:
- ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/ PACK JOINT TYPE CONNECTIONS.
 - NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
 - EACH SERVICE SHALL TERMINATE AT A CURB STOP WHICH SHALL BE BURIED APPROXIMATELY 3\"/>



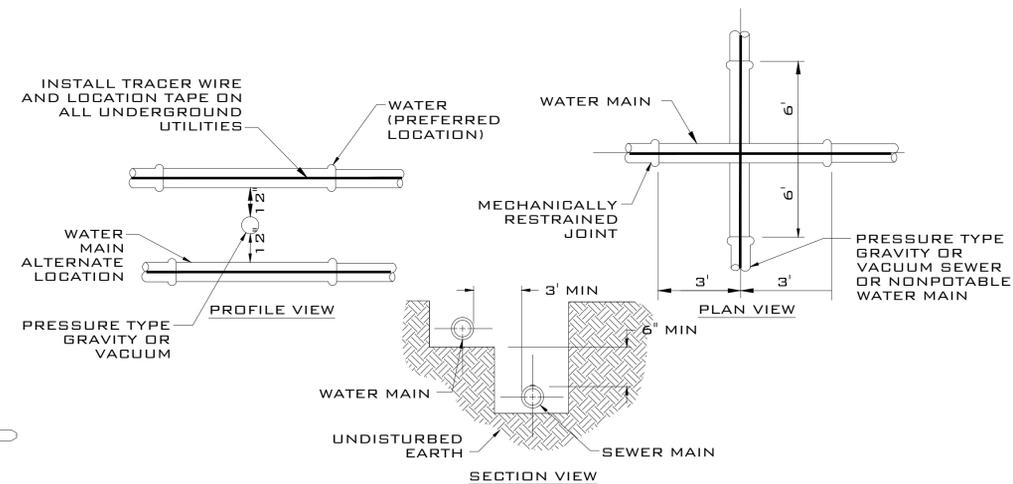
- 3 METER BOX ASSEMBLY**
C11 N.T.S.
- NOTES:
- P.E. TUBING IS TO BE BACKFILLED BY HAND UP TO THE TOP OF THE SERVICE.
 - SERVICE LATERALS TO BE ADDED PRIOR TO FINAL PLAN SUBMITTAL.



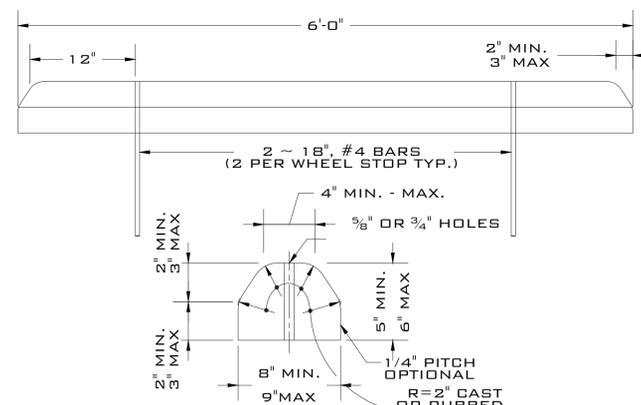
- 4 TRENCH AND BACKFILL DETAILS**
C11 N.T.S.
- NOTES:
- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 - TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 - PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IF OVER-EXCAVATION OCCURS.
 - (*) 15\"/>



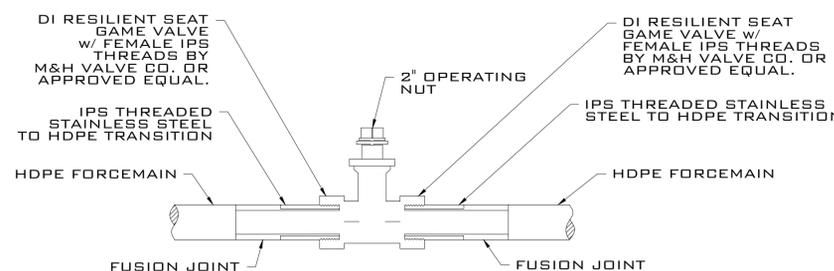
5 WET TAP AND SADDLE ASSEMBLY
C11 N.T.S.



- 6 WATER/SEWER SEPARATION DETAILS**
C11 N.T.S.
- NOTES:
- THE MINIMUM HORIZONTAL DISTANCE BETWEEN THE OUTSIDE OF A WATER MAIN AND SEWER MAIN SHALL BE 6\"/>



7 WHEEL STOP DETAIL
C11 N.T.S.

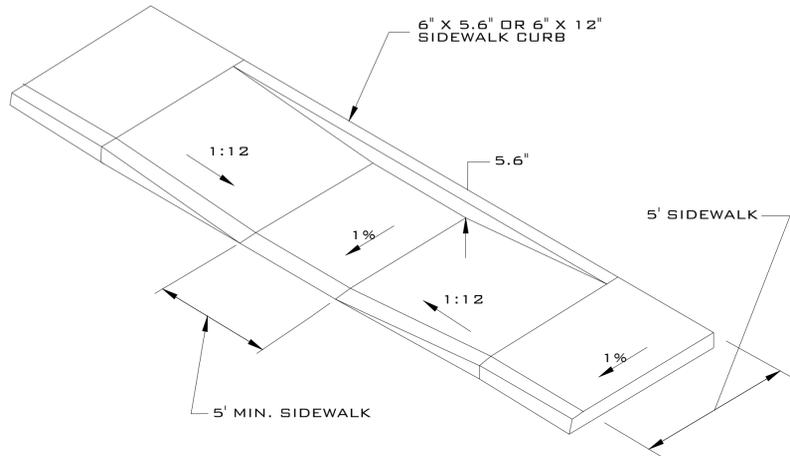


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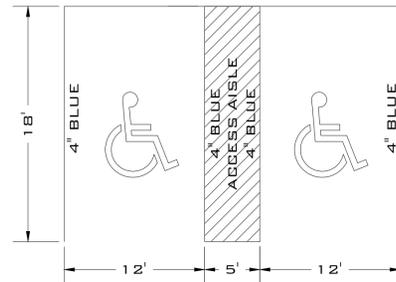
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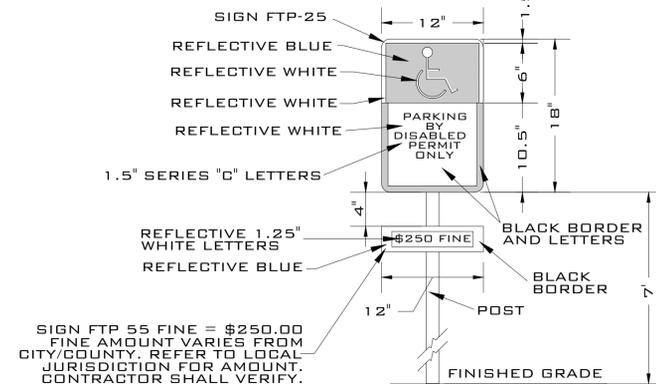


1 ADA RAMP DETAIL
C12 N.T.S.



2 DISABLED PARKING STALL DETAIL
C12 N.T.S.

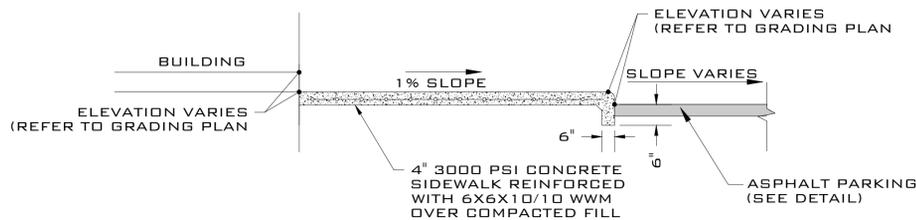
SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED DISABLED SPACES. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN. 5' ACCESS AISLE MAY BE PLACED ON THE RIGHT OR LEFT SIDE OF PARKING STALL. DISABLED PARKING SYMBOL SHALL BE 3 OR 5 FT. HIGH AND BLUE IN COLOR



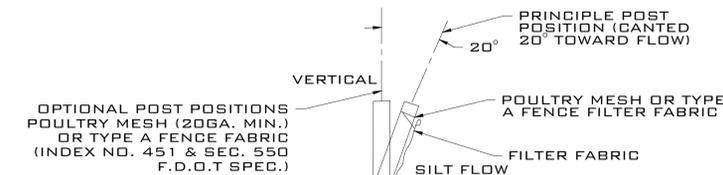
SIGN FTP 55 FINE = \$250.00 FINE AMOUNT VARIES FROM CITY/COUNTY. REFER TO LOCAL JURISDICTION FOR AMOUNT. CONTRACTOR SHALL VERIFY.

SIGN NOTES:
1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUTES.

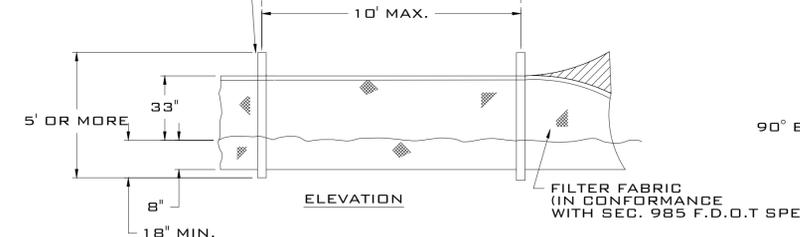
3 DISABLED PARKING SIGN
C12 N.T.S.



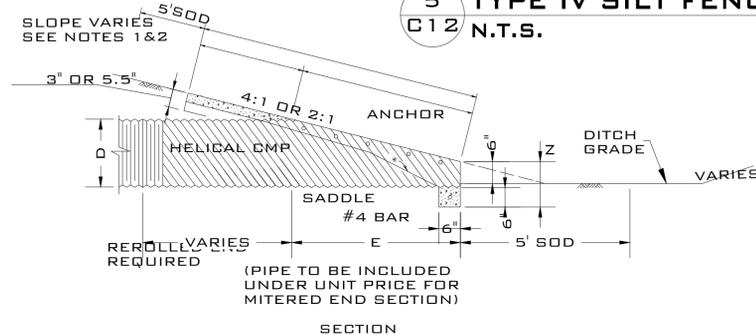
4 SIDEWALK DETAIL
C12 N.T.S.



POST OPTIONS:
SOFTWOOD 4" MIN. DIA.
SOFTWOOD 4" X 4"
HARDWOOD 3" DIA.
STEEL 1.33 LBS/FT. MIN.

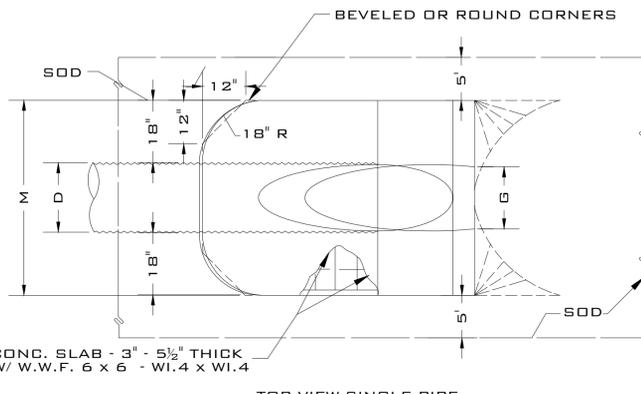


5 TYPE IV SILT FENCE
C12 N.T.S.



(PIPE TO BE INCLUDED UNDER UNIT PRICE FOR MITERED END SECTION)

SECTION



CONC. SLAB - 3" - 5/8" THICK
W/ W.W.F. 6 X 6 - W1.4 X W1.4

TOP VIEW-SINGLE PIPE

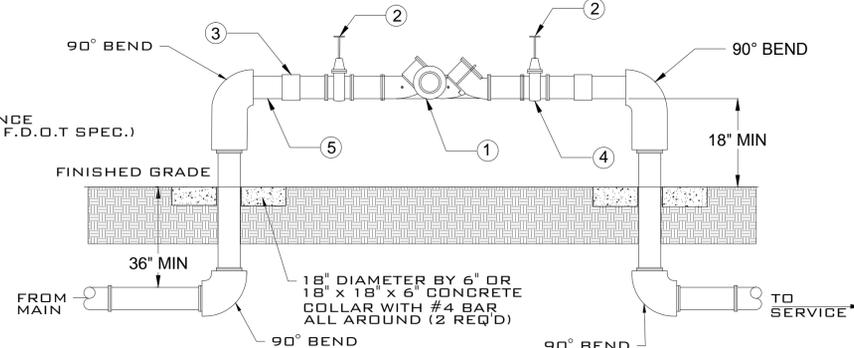
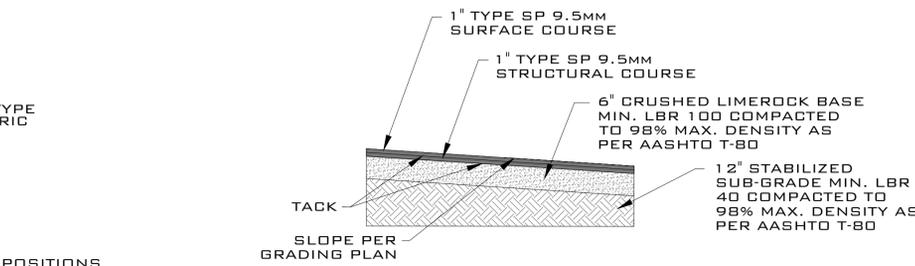
*SLOPE:
4:1 MITER: TO | PIPE FOR PIPES 18" AND SMALLER. 2:1 FOR PIPES 24" AND LARGER.
2:1 MITER: TO | PIPE FOR PIPES 18" AND SMALLER.
1:1 FOR PIPES 24" AND LARGER.

DIMENSIONS AND QUANTITIES

SLOPE	D	X	A	B	C	E	F	G	M				SODDING (SQ. YDS.)								
									5 1/2" CONCRETE SLAB (CY)				SODDING (SQ. YDS.)				SODDING (SQ. YDS.)				
									SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD. PIPE	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD. PIPE	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD. PIPE	
4:1	8"	2'-0"	2.5'	0.72'	3.22'	0.7'	4.0'	0.58'	3.75'	5.75'	7.75'	9.75'	1.04'	0.52'	0.90'	1.22'	1.54'	7	8	8	9
	10"	2'-2"	2.5'	1.34'	3.84'	1.3'	5.0'	0.81'	3.92'	6.08'	8.25'	10.41'	1.04'	0.49'	0.99'	1.34'	1.70'	7	8	9	10
	15"	2'-7"	2.5'	3.09'	5.59'	3.0'	7.0'	1.23'	4.33'	6.92'	9.50'	12.08'	1.04'	0.64'	1.00'	1.35'	1.71'	8	9	10	11
	18"	2'-10"	2.5'	4.12'	6.62'	4.0'	8.0'	1.41'	4.58'	7.42'	10.25'	13.08'	1.04'	0.69'	1.09'	1.49'	1.89'	9	10	11	12
	24"	3'-5"	2.5'	6.18'	8.68'	6.0'	10.0'	1.73'	5.08'	8.50'	11.92'	15.33'	1.04'	0.83'	1.34'	1.82'	2.34'	10	11	13	14

7 MITERED END SECTION
C12 N.T.S.

6 TYPICAL ON-SITE ASPHALT DRIVE AND PARKING DETAIL
C12 N.T.S.



MATERIALS	
ITEM	DESCRIPTION
1	RPZ BACKFLOW PREVENTER
2	GATE VALVE
3	UNION
4	TEST COCKS
5	THREADED NIPPLE

NOTES:
1. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
2. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTION DEVICE. UNDER NO CIRCUMSTANCE, SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION OTHER THAN BACKFLOW DEVICE TESTING.
3. A CONBRADO SERIES 40-000 FREEZE PROTECTION VALVE SHALL BE INCLUDED.

8 REDUCED PRESSURE ZONE BACKFLOW PREVENTER
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SEAL FLORIDA PROFESSIONAL ENGINEER
L. JACK HUSBAND, II, P.E.
LICENSE NUMBER 69169

NEW APALACHICOLA MUNICIPAL LIBRARY
N.W. CORNER 12TH STREET AND AVENUE E
for the
CITY OF APALACHICOLA
APALACHICOLA, FLORIDA 32320

DESIGNED: L. WATSON
DRAWN: L. WATSON
CHECKED: J. HUSBAND
PROJ. NO. 16-280-01

REVISIONS		
REV	DATE	DESCRIPTION
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△	-	-
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DRAWING PHASE
CONTRACT DOCUMENTS

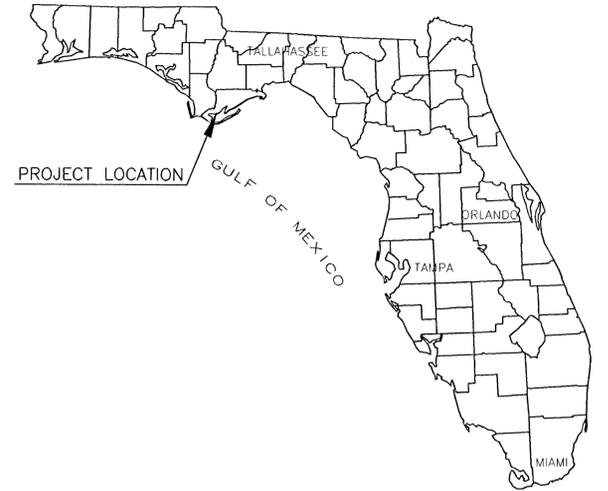
DRAWING TITLE
MISC. DETAILS
SCE PROJECT
16-280-01

SHEET NO.
C12

29 JULY 2016

CITY OF APALACHICOLA

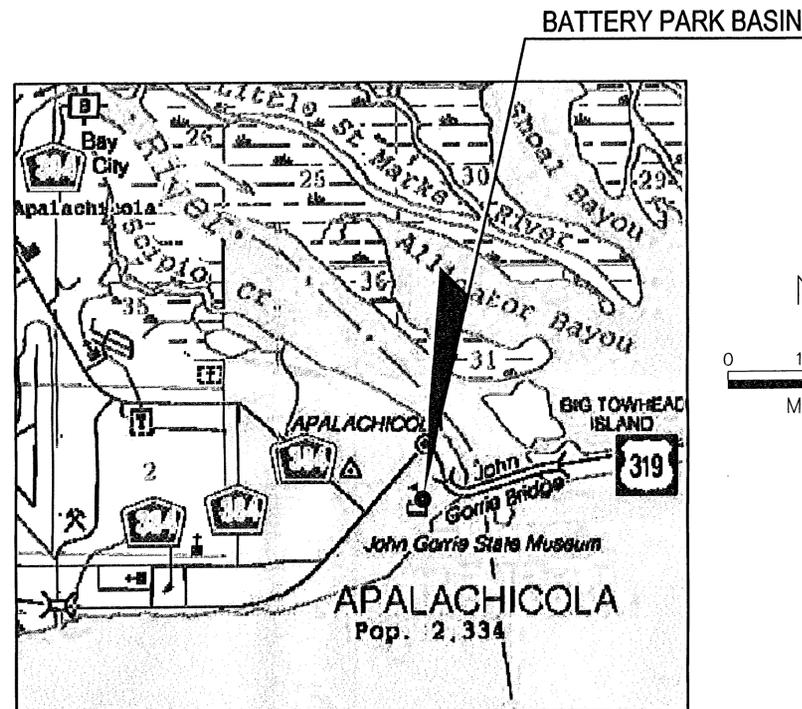
CONSTRUCTION PLANS: **BATTERY PARK BASIN STORMWATER IMPROVEMENTS**



INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	GENERAL NOTES
3	PROJECT LAYOUT
4	PLAN & PROFILE - LINE "A" & "B"
5	PLAN & PROFILE - EXFILTRATION SYSTEM "A" & "B"
6	PLAN & PROFILE - EXFILTRATION SYSTEM "C" & "D"
7	PLAN & PROFILE - EXFILTRATION SYSTEM "E"
8-9	STORMWATER POLLUTION PREVENTION PLAN
10-11	TYPICAL DETAILS

KEY SHEET REVISIONS	
DATE	DESCRIPTION



LOCATION MAP

SCALE: 1" = 1/2 MILE

MAYOR:
VAN W. JOHNSON, Sr.

COMMISSION MEMBERS:
BRENDA ASH
MITCHELL BARTLEY
FRANK COOK
JIMMY ELLIOT

CITY ADMINISTRATOR:
BETTY WEBB

SHOP DRAWINGS
TO BE SUBMITTED TO:

PREBLE-RISH INC.
ATTN: CHARLEY COTTON, P.E.
877 COUNTY ROAD 393
SANTA ROSA BEACH, FL. 32459

PLANS PREPARED BY:



PREBLE-RISH INC
CONSULTING ENGINEERS AND SURVEYORS
CIVIL • SURVEYING • SITE PLANNING

324 MARINA DRIVE
PORT ST. JOE, FL 32458
(850) 227-7200

203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
(850) 522-0644

10499 NW MAIN STREET
BRISTOL, FL 32321
(850) 843-2771

877 COUNTY ROAD 393
SANTA ROSA BEACH, FL 32459
(850) 231-3902

PRI PROJECT No. : 219.006

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

100% FDEP PERMIT PLAN SET
MARCH 13, 2014

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CONSTRUCTION**

ENGINEER OF RECORD: CHARLES W. COTTON, P.E.

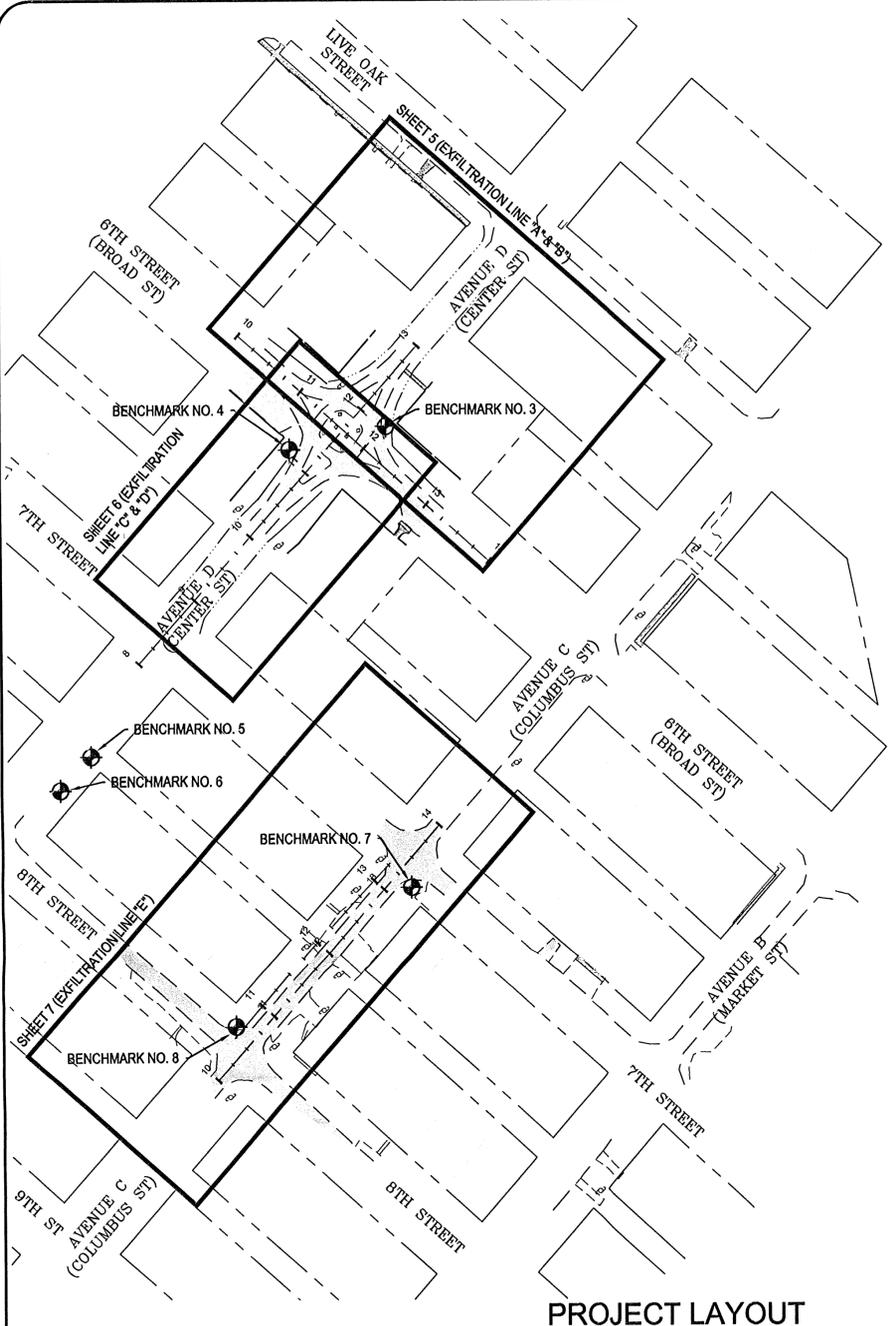
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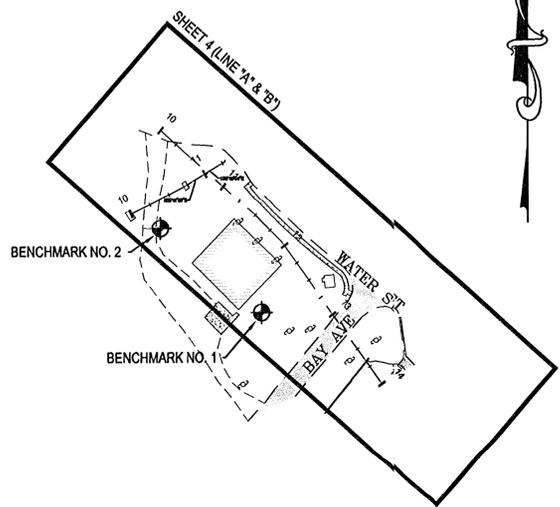
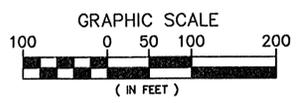


FISCAL YEAR	SHEET NO.
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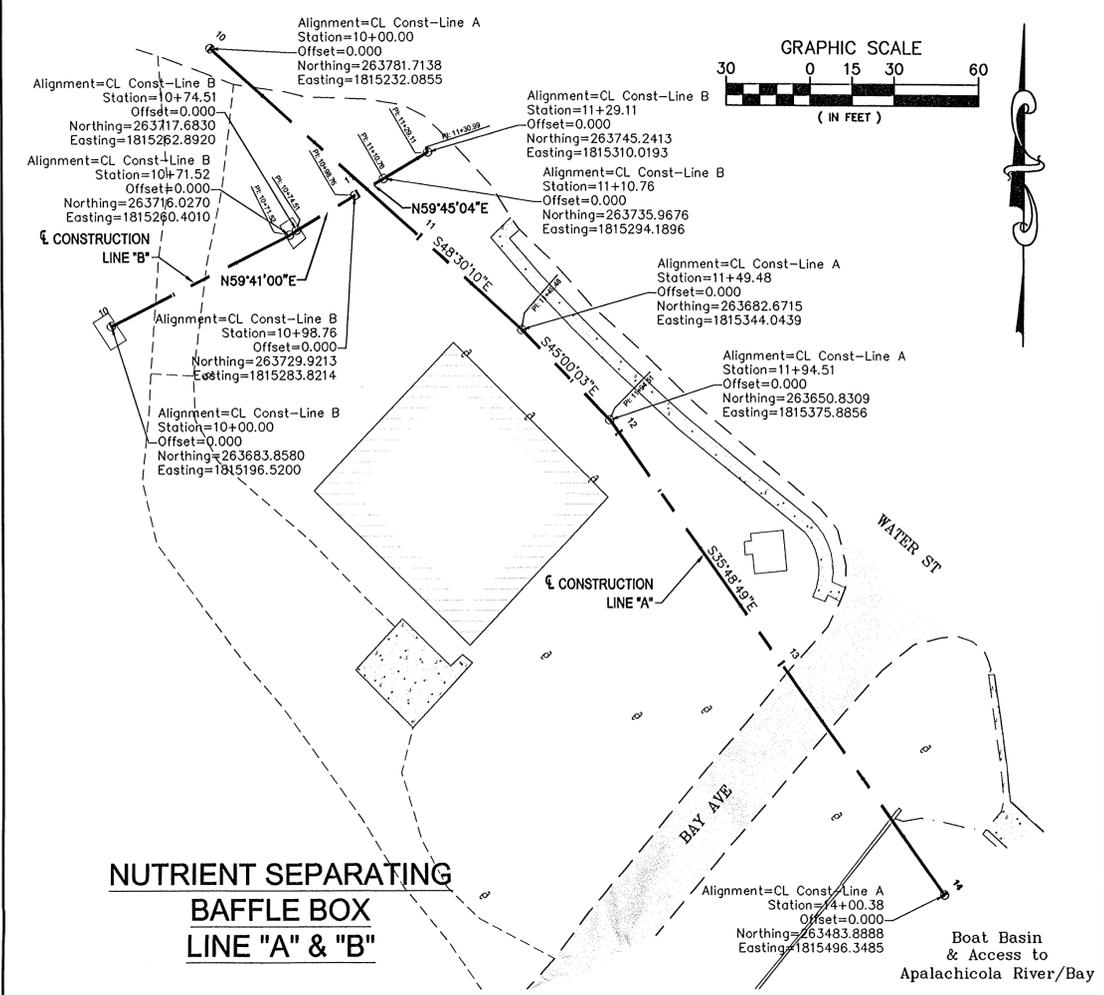


PROJECT LAYOUT

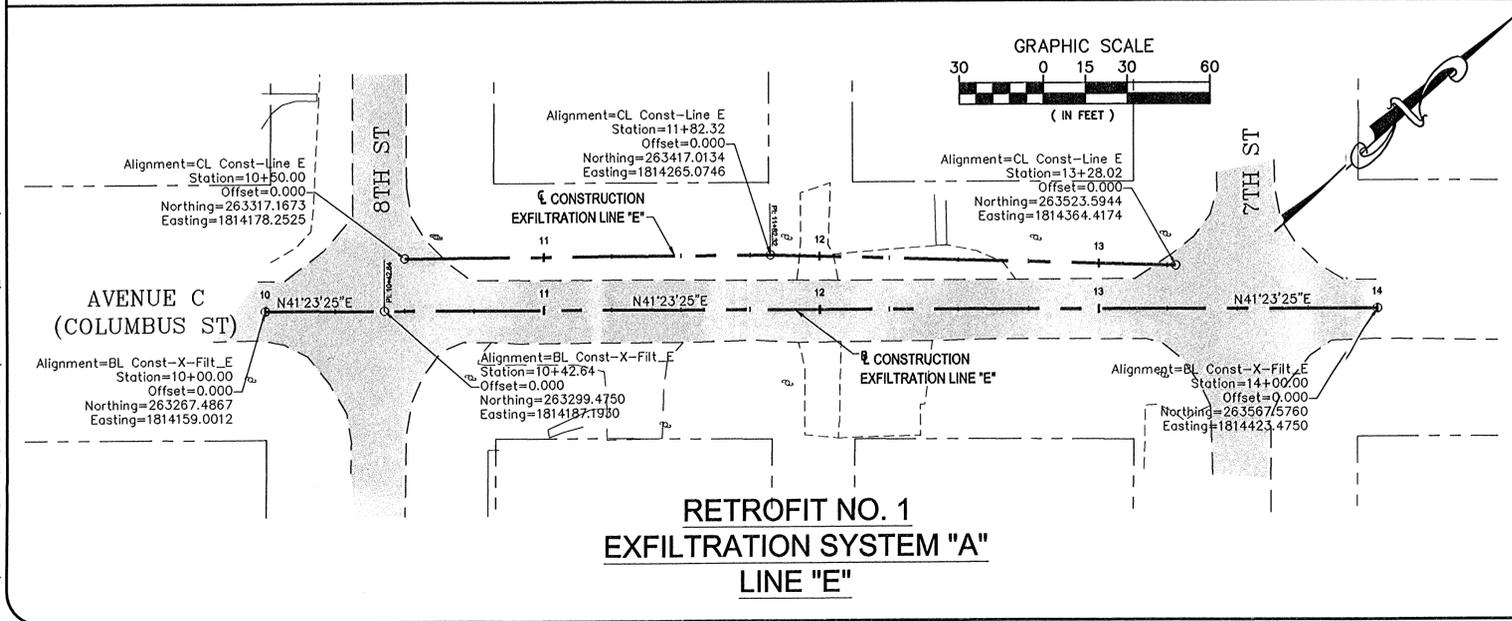
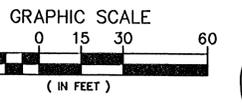
SITE BENCHMARKS	
NO. 1 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 8.16'	NO. 5 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 7.89'
NO. 2 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 8.16'	NO. 6 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 7.61'
NO. 3 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 16.90'	NO. 7 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 8.16'
NO. 4 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 16.53'	NO. 8 - NAIL & DISK NO. 7137 IN UTILITY POLE TBM ELEV. = 14.42'



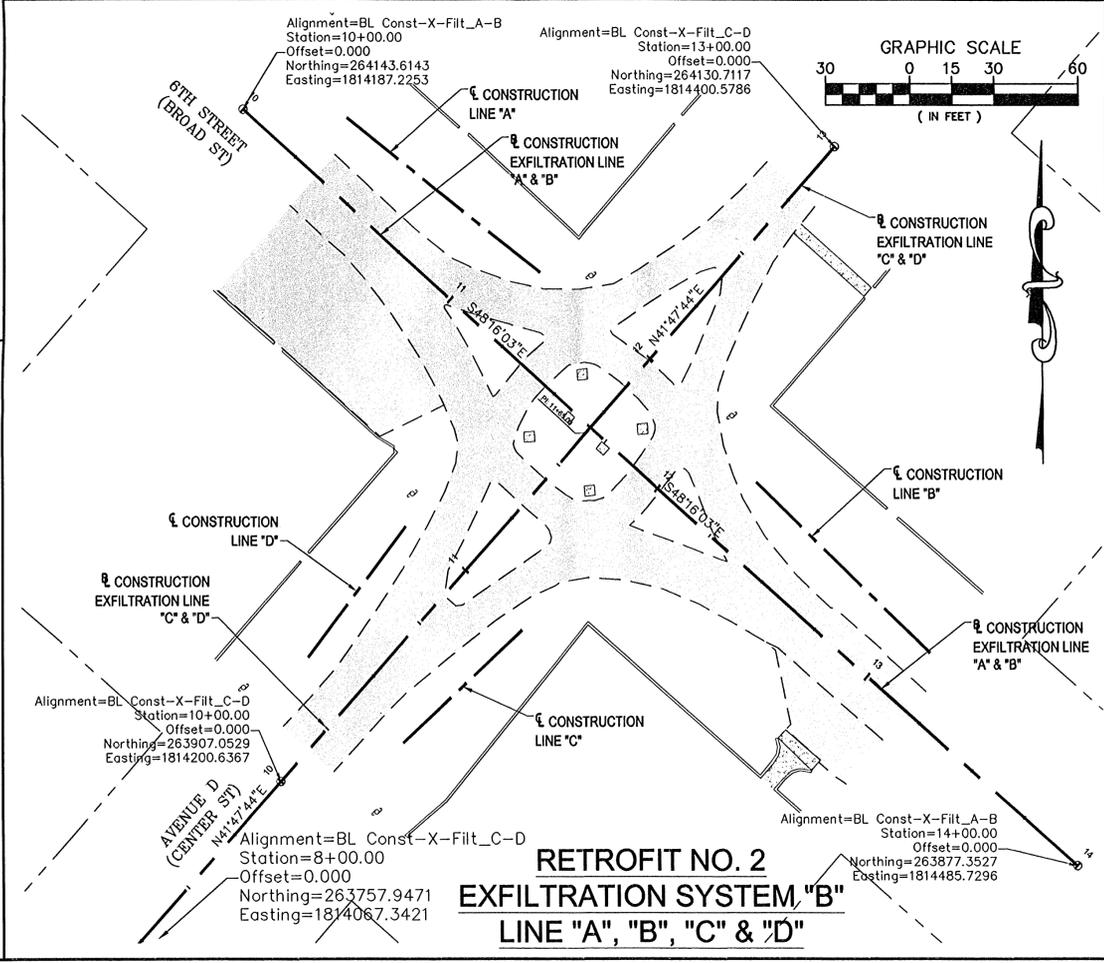
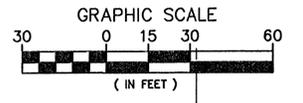
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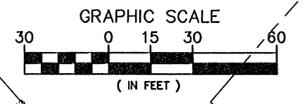
**NUTRIENT SEPARATING
BAFFLE BOX
LINE "A" & "B"**



**RETROFIT NO. 1
EXFILTRATION SYSTEM "A"
LINE "E"**



**RETROFIT NO. 2
EXFILTRATION SYSTEM "B"
LINE "A", "B", "C" & "D"**



March 13, 2014 (12:36:16 EST)
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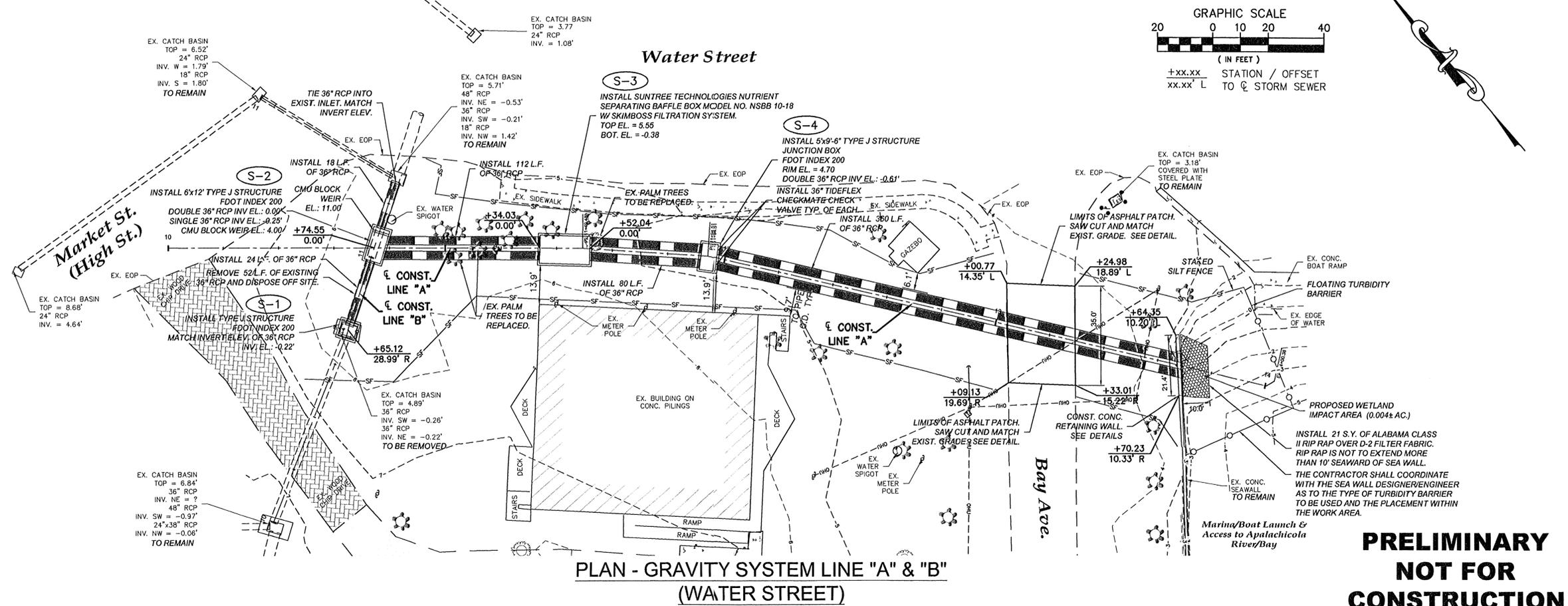
PREBLE-RISH, INC.
CONSULTING ENGINEERS
CIVIL • SURVEYING • SITE PLANNING

2007 CENTRAL AVE EAST
377 COUNTY ROAD 383
NAPLES BEACH, FL 34109
(800) 471-2004

DATE: 13 MAR., 2014
CHECKED: CLK
DRAWN: MLM
DESIGNED: CWC
SCALE: AS SHOWN

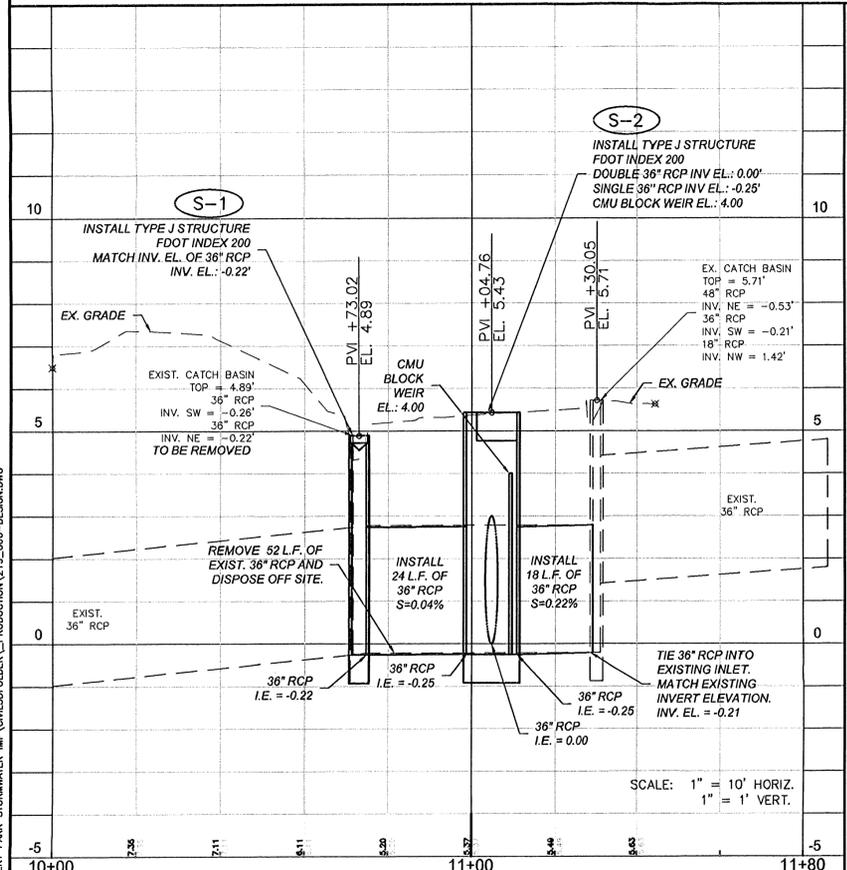
PROJECT LAYOUT
BATTERY PARK BASIN
STORMWATER IMPROVEMENTS
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA

PROJECT NO: 219.006
SHEET: 3

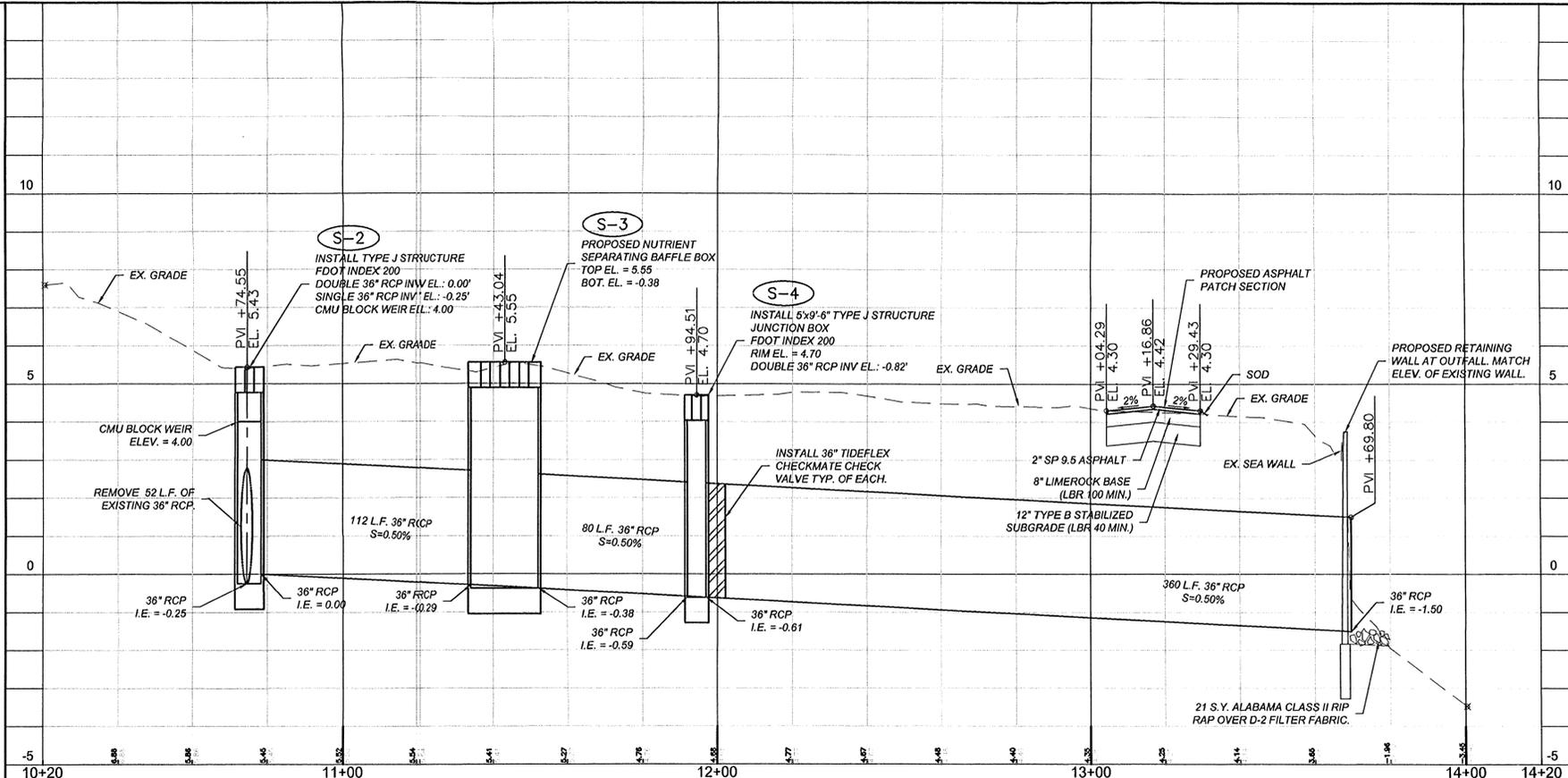


PLAN - GRAVITY SYSTEM LINE "A" & "B"
(WATER STREET)

**PRELIMINARY
NOT FOR
CONSTRUCTION**



PROFILE - GRAVITY SYSTEM LINE "B"
(MARKET STREET)



PROFILE - GRAVITY SYSTEM LINE "A"
(WATER STREET)

SCALE: 1" = 10' HORIZ.
1" = 1' VERT.

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SCALE: AS SHOWN

DESIGNED: CWC

DRAWN: MLM

CHECKED: CLK

DATE: 13 MAR., 2014

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354 MARINA DRIVE
PORT ST. JOE, FL 32456
(850) 227-7200

2007 ARBICHER PARKWAY
PANAMA CITY, FL 32409
(850) 522-8844

877 COUNTY ROAD 303
SANTA ROSA BEACH, FL 32089
(850) 267-0799

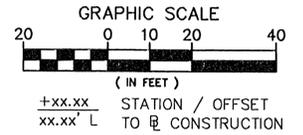
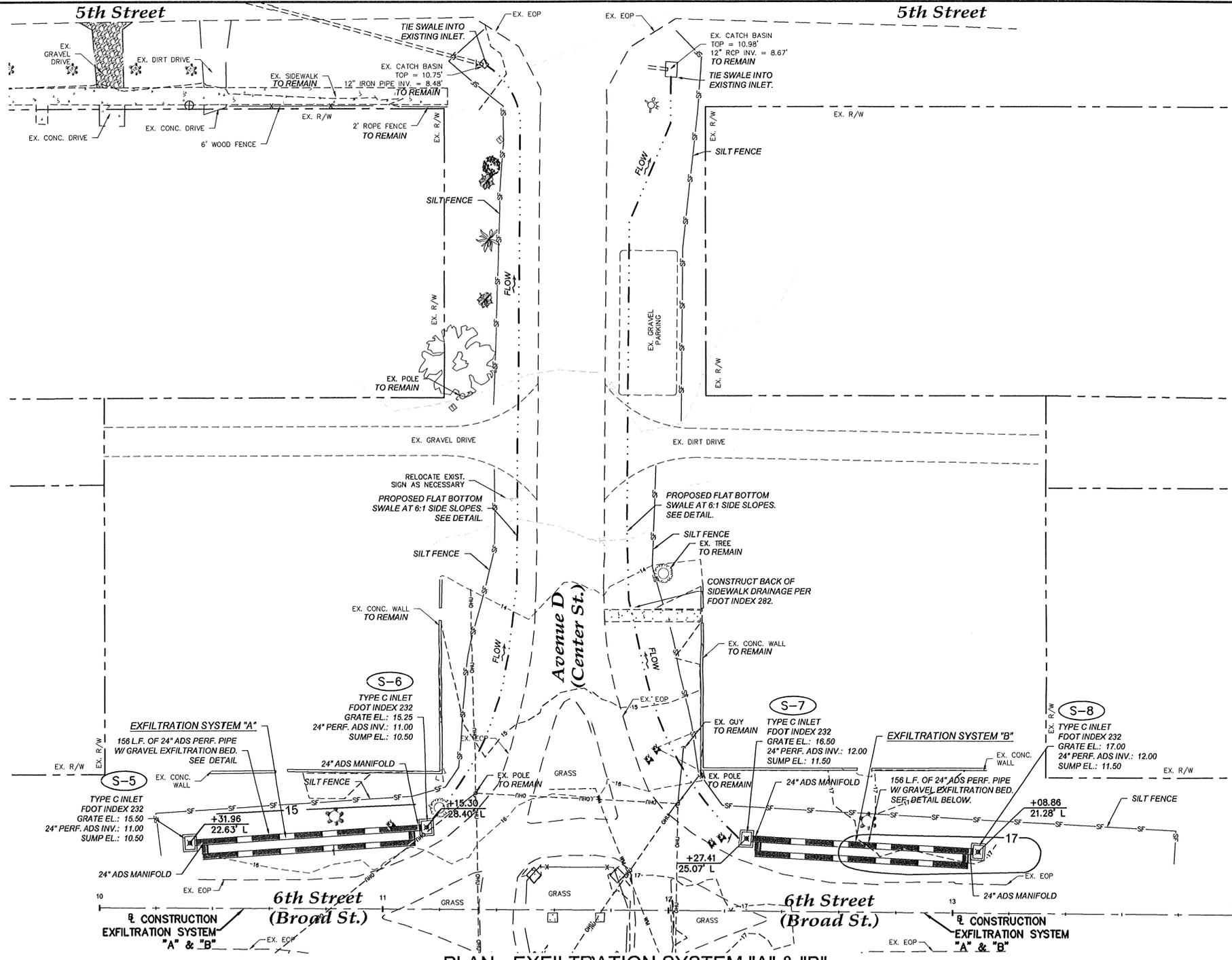
CHARLES W. GOTTON
FL. REG. NO. 7250

PLAN & PROFILE - LINE "A" & "B"
BATTERY PARK BASIN
STORMWATER IMPROVEMENTS
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA

PROJECT NO: 219.006

SHEET: 4

March 13, 2014 (1:42:32 EST)
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(850) 227-7200

20637 CENTRAL AVE EAST
BLOUNTSTOWN, FL 32024
(850) 942-0300

877 COUNTY ROAD 360
SANTA ROSA BEACH, FL 32489
(850) 267-0759

SCALE: AS SHOWN
DESIGNED: CVC
DRAWN: MIM
CHECKED: CLK
DATE: 13 MAR, 2014

EXFILTRATION SYSTEM "A" & "B"

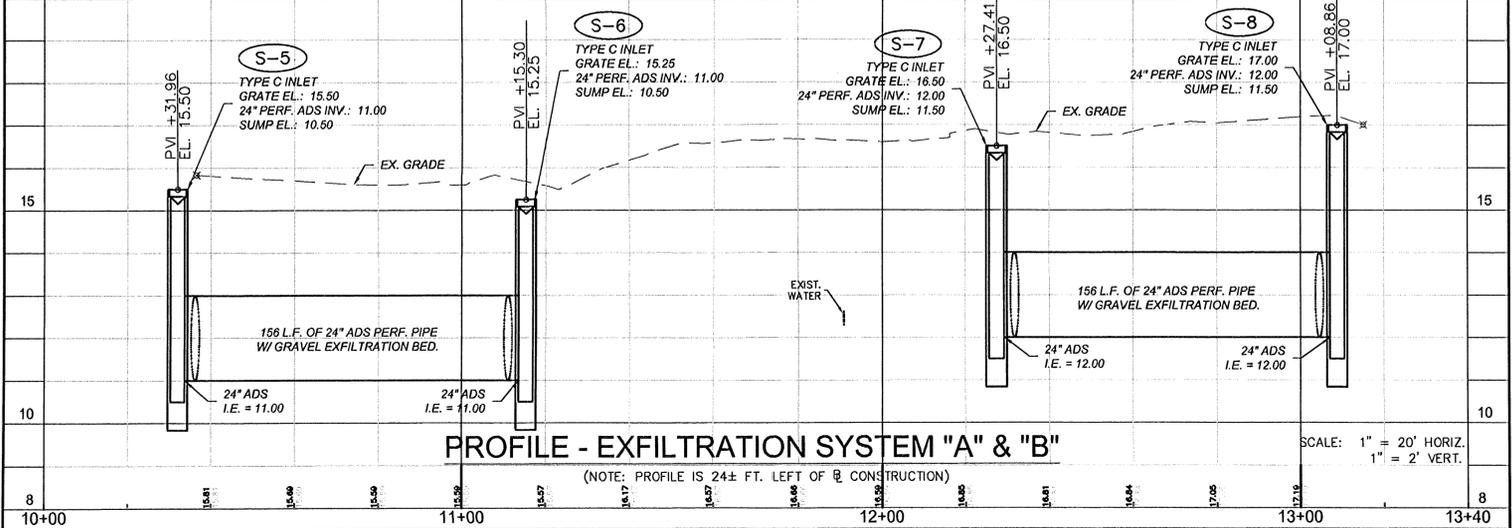
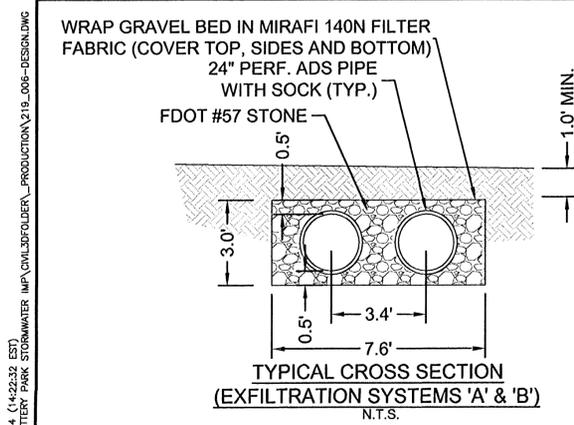
BATTERY PARK BASIN

STORMWATER IMPROVEMENTS

CITY OF APALACHICOLA

FRANKLIN COUNTY, FLORIDA

PROJECT NO: 219.006 SHEET: 5

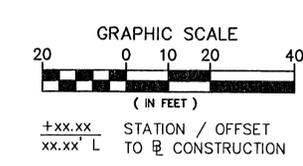
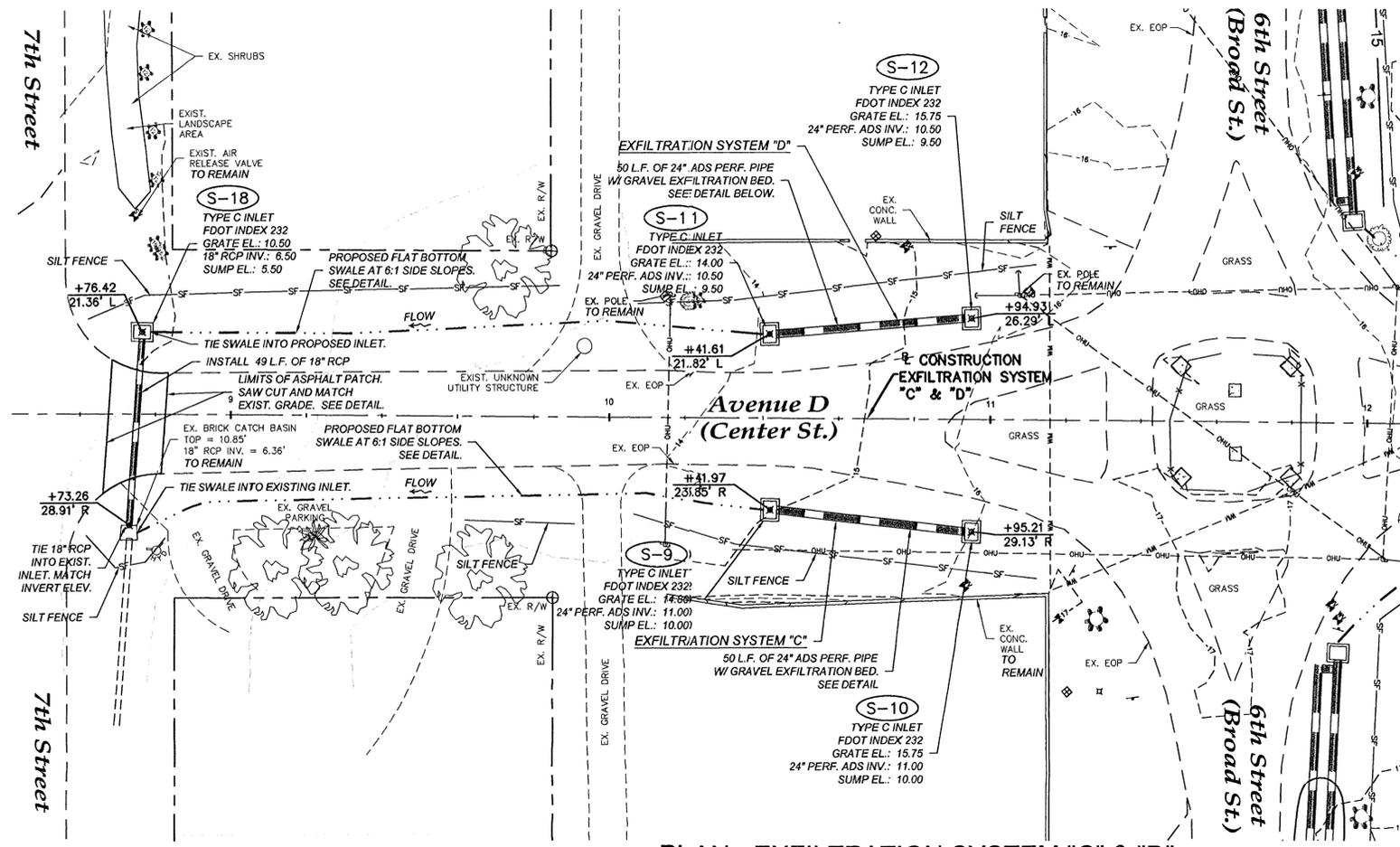


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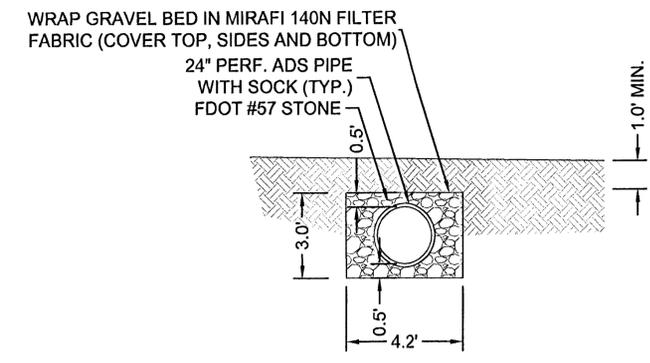
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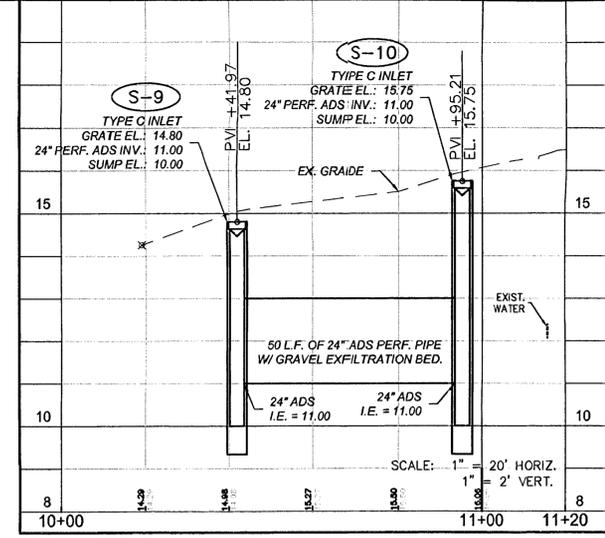
March 13, 2014 (142532.EST)
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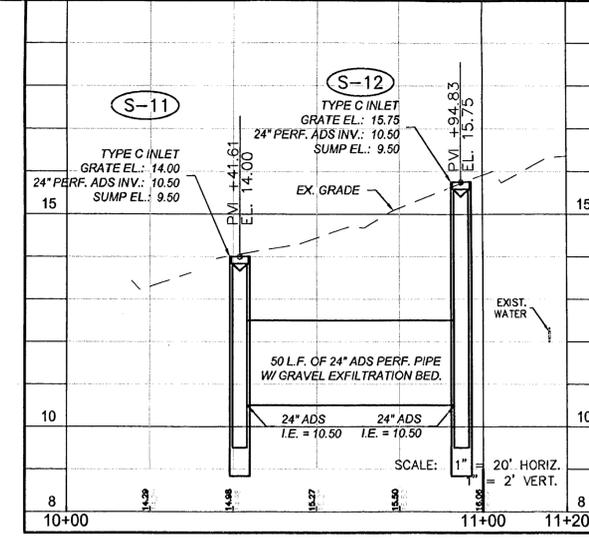
PLAN - EXFILTRATION SYSTEM "C" & "D"



TYPICAL CROSS SECTION (EXFILTRATION SYSTEMS 'C' & 'D')
N.T.S.



PROFILE - EXFILTRATION SYSTEM "C"
(NOTE: PROFILE IS 26± FT. RIGHT OF CONSTRUCTION)



PROFILE - EXFILTRATION SYSTEM "D"
(NOTE: PROFILE IS 24± FT. LEFT OF CONSTRUCTION)

REVISION:		NO.		DATE		APPR.	
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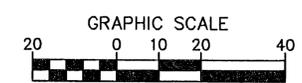
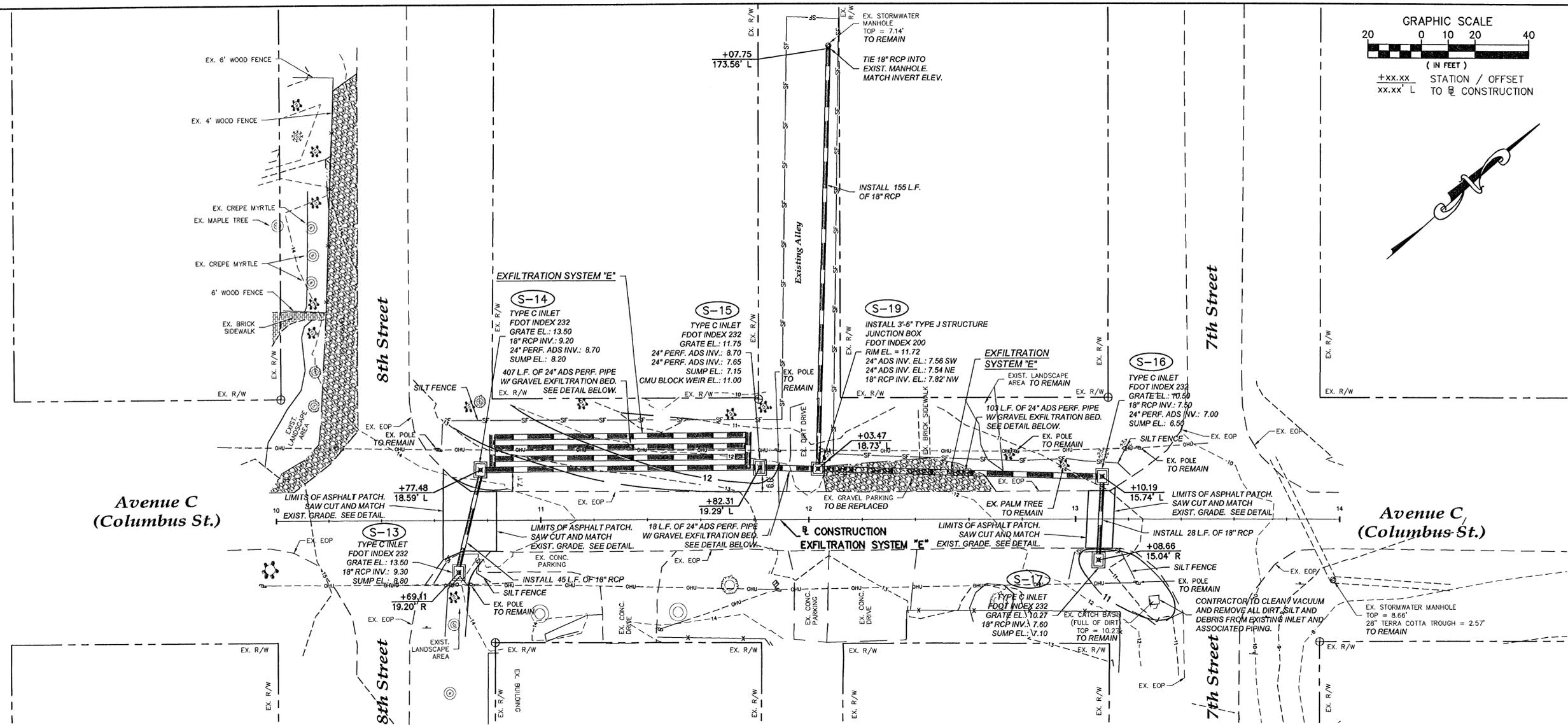
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DESIGNED:	CWC	
DRAWN:	MLM	
SCALE:	AS SHOWN	

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PLAN & PROFILE - EXFILTRATION SYSTEM "C" & "D" BATTERY PARK BASIN STORMWATER IMPROVEMENTS CITY OF APALACHICOLA FRANKLIN COUNTY, FLORIDA	
PROJECT NO:	219.006
SHEET:	6

**PRELIMINARY
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CONSTRUCTION**

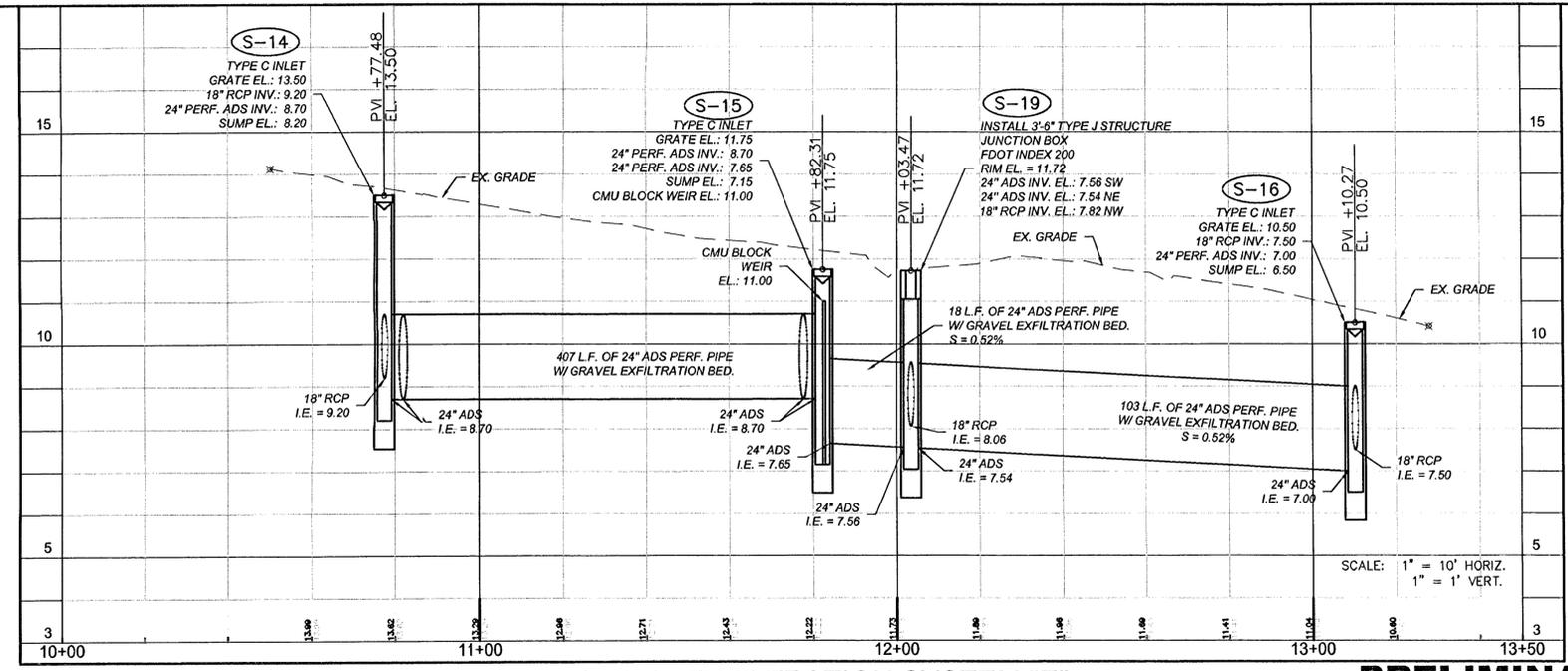
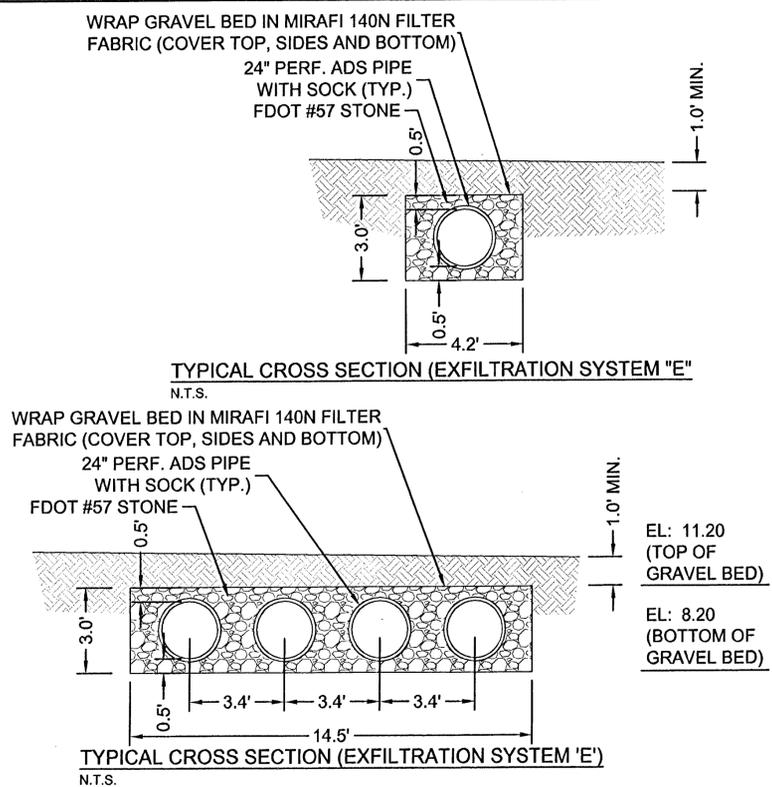
March 13, 2014 (142232 EST)
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±xx.xx STATION / OFFSET
xx.xx' L TO CONSTRUCTION



PLAN - EXFILTRATION SYSTEM "E"



PROFILE - EXFILTRATION SYSTEM "E"

**PRELIMINARY
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CONSTRUCTION**

March 13, 2014 (14-2232-EST)
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DATE: 13 MAR. 2014
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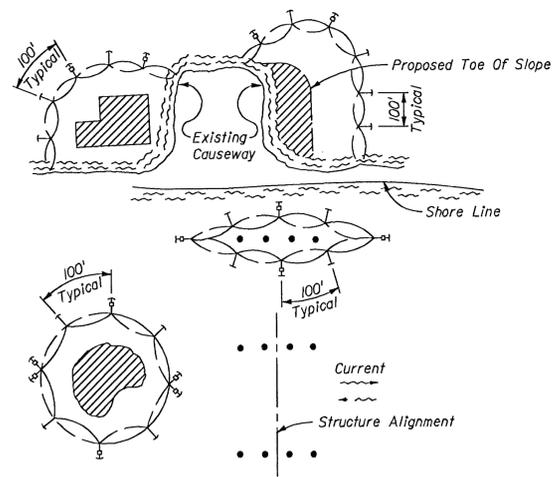
PREBLE-RISH, INC.
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SANTA ROSA BEACH, FL 32089
(850) 257-0758

324 MARINA DRIVE
PORT ST. JOE, FL 32456
(850) 227-7720

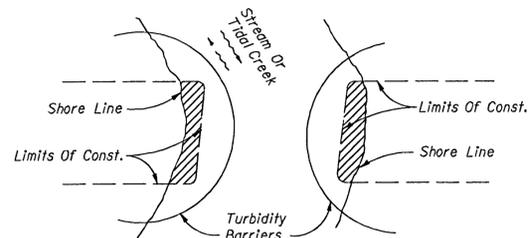
**BATTERY PARK BASIN
STORMWATER IMPROVEMENTS
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA**

PROJECT NO: 219.006 SHEET: 7



LEGEND

- Pile Locations
- ▨ Dredge Or Fill Area
- Mooring Buoy w/Anchor
- Anchor
- Barrier Movement Due To Current Action

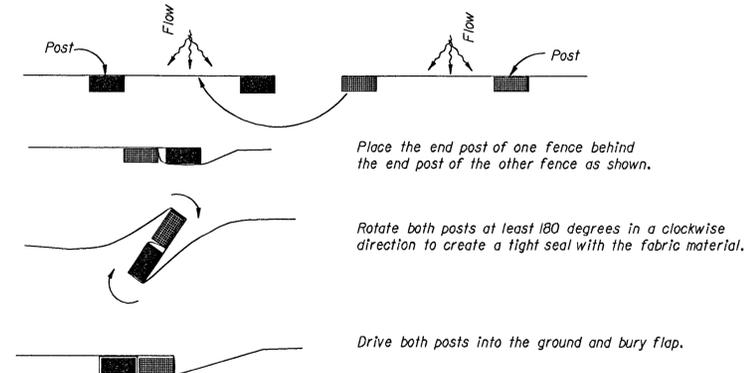
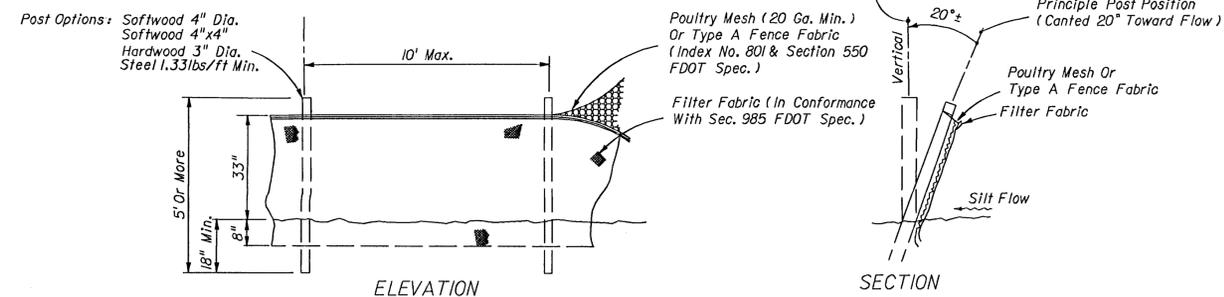
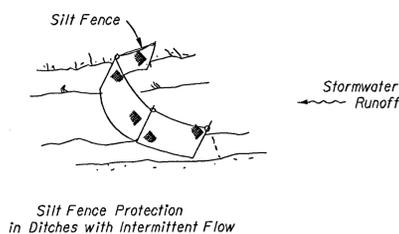
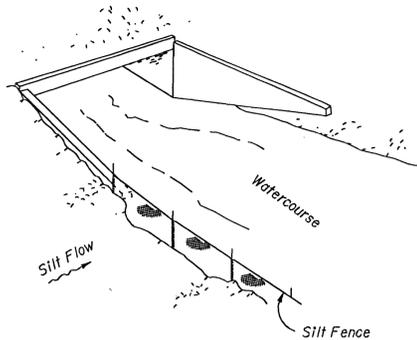
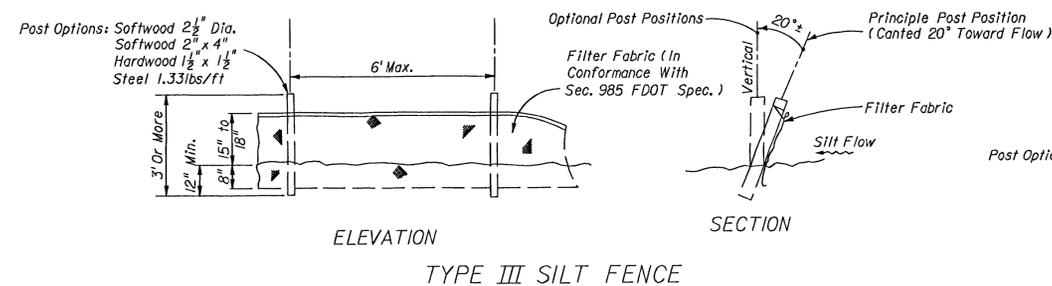


Note:
Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

NOTES:

1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
2. Number and spacing of anchors dependent on current velocities.
3. Deployment of barrier around pile locations may vary to accommodate construction operations.
4. Navigation may require segmenting barrier during construction operations.
5. For additional information see Section 104 of the Standard Specifications.

TURBIDITY BARRIER APPLICATIONS

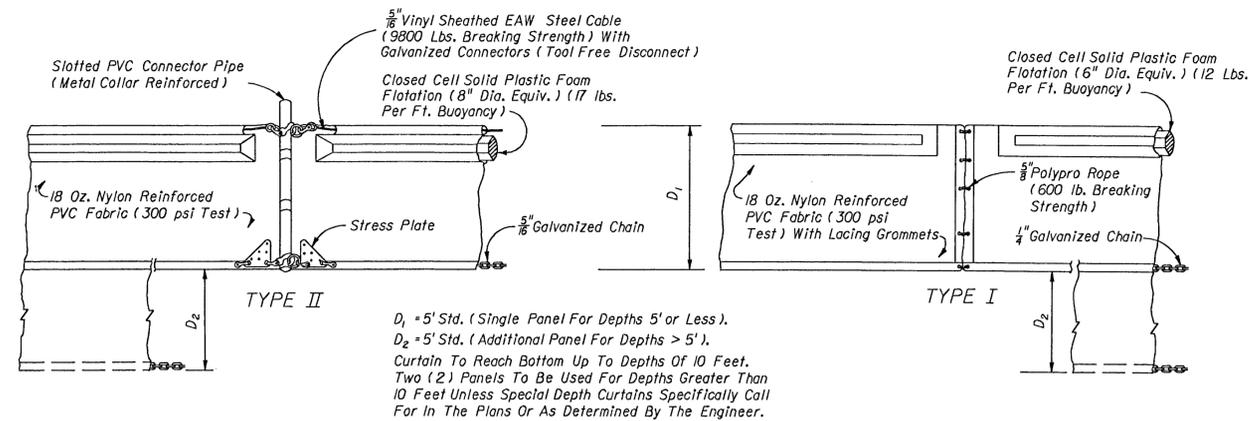


PLAN VIEW

JOINING TWO SILT FENCES

NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS



$D_1 = 5'$ Std. (Single Panel For Depths 5' or Less).
 $D_2 = 5'$ Std. (Additional Panel For Depths > 5').
Curtain To Reach Bottom Up To Depths Of 10 Feet.
Two (2) Panels To Be Used For Depths Greater Than 10 Feet Unless Special Depth Curtains Specifically Call For In The Plans Or As Determined By The Engineer.

GENERAL NOTES

1. Floating turbidity barriers are to be paid for under the contract unit price for Floating Turbidity Barrier, LF.
2. Staked turbidity barriers are to be paid for under the contract unit price for Staked Turbidity Barrier, LF.

March 13, 2014 (10:28:48 EST)
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CONSULTING ENGINEERS
CIVIL • SURVEYING • SITE PLANNING

2087 CENTRAL AVE. EAST
200 ABERDEEN PARKWAY
324 MARINA DRIVE
FRANKLIN COUNTY, FL 32605
(850) 227-7205
(850) 322-5444
(850) 287-0789

DATE: 13 MAR., 2014
CHECKED: CLK
DRAWN: MLM
DESIGNED: CWC
SCALE: AS SHOWN

STORMWATER POLLUTION PREVENTION PLAN

BATTERY PARK BASIN
STORMWATER IMPROVEMENTS
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA

PROJECT NO: 219.006 SHEET: 8

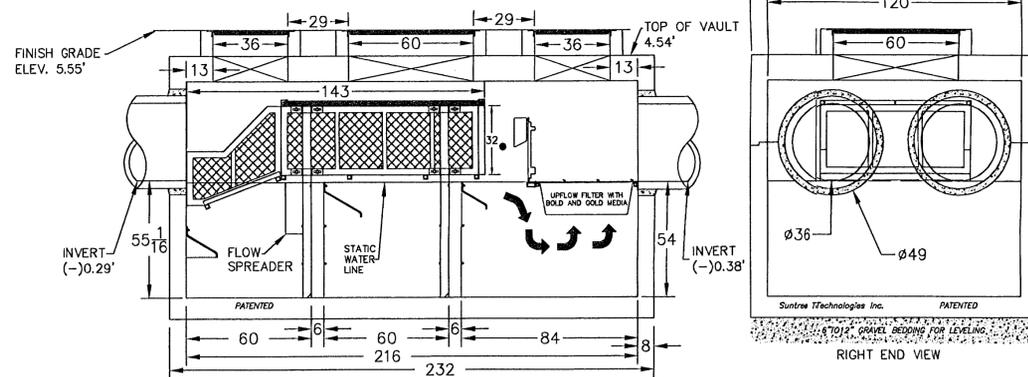
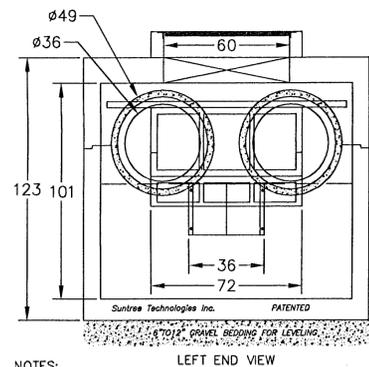
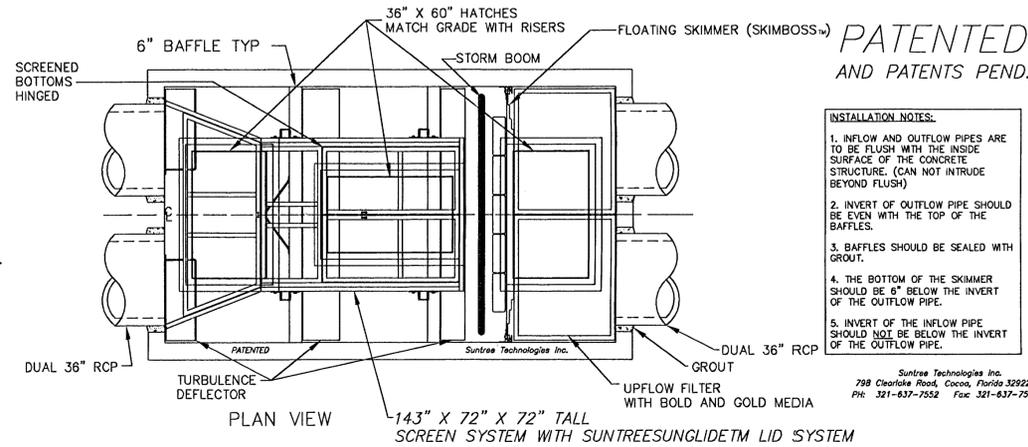
NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt fence shall be in accordance with Chart 1, Sheet 1.
2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (LF).

**PRELIMINARY
NOT FOR
CONSTRUCTION**

SUNTREE TECHNOLOGIES INC.® NUTRIENT SEPARATING BAFFLE BOX™ MODEL NO: NSBB-10-18-149-BATTERY PARK-1

- FLOW & BY-PASS SPECIFICATIONS FOR BIOMASS SEPARATING SCREEN SYSTEM, SEDIMENT COLLECTION CHAMBERS, AND SKIMMER SPECIFICATIONS**
- Pipe inflow area (Drawn as DUAL 36" RCP) — 14.13 sq.ft.
- SCREEN SPECIFICATIONS:**
- Open orifice area in screen system — 99.87 sq.ft.
 - Open orifice area in screen system with 50% blockage — 49.94 sq.ft.
 - Open orifice area in screen system with 75% blockage — 24.97 sq.ft.
 - Minimum by-pass through screen system below the top surface of the pipe — 15.49 sq.ft.
 - Minimum by-pass around screen system below the top surface of the pipe — 27.16 sq.ft.
 - Screen system storage volume — 164.40 cu.ft.
- SEDIMENT STORAGE:**
- Volume of first sediment chamber — 225 cu.ft.
 - Volume of second sediment chamber — 225 cu.ft.
 - Volume of third sediment chamber — 315 cu.ft.
 - Total sediment volume — 765 cu.ft.
- SKIMMER SPECIFICATIONS:**
- Flow area under skimmer — 19.58 sq.ft.
 - Area of pipe in line with skimmer — 13.00 sq.ft.
 - Area between the skimmer and the outflow pipe parallel with the surface of the pipe — 56.52 sq.ft.



- NOTES:**
- CONCRETE 28 DAY COMPRESSIVE STRENGTH FC=5000 PSI
 - REINFORCING: ASTM A-615 GRADE 60
 - SUPPORTS AN H2O LOADING AS INDICATED BY AASHTO.
 - JOINT SEALANT: BUTYL RUBBER SS-S-00210
 - ALL WALLS TO BE 8" THICK, BOTTOM TO BE 10" THICK. TOP TO BE 12" THICK.

- TREATMENT DESIGN FLOW FOR 90% REMOVAL EFFICIENCY OF TSS IS 45 CFS.
- INFLOW AND OUTFLOW PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE. (CAN NOT INTRUDE BEYOND FLUSH)
- BAFFLES ARE TO BE SEALED WITH GROUT TO FORM 3 WATER TIGHT CHAMBERS.
- CAST LIFTING POINTS ON OUTSIDE OF THE BOX

SUNTREE TECHNOLOGIES, INC. 798 CLEARLAKE RD SUITE #2 COCOA, FL. 32922		PROJECT: BATTERY PARK
NUTRIENT SEPARATING BAFFLE BOX MODEL NO. NSBB-10-18-101-BATTERY PARK-1		DRAWING # 4-03-06-14-04
DATE: 01/21/14	SCALE: SF = 72	FILE NAME: NSBB-10-18-101-BATTERY PARK-1
DRAFTER: T.H.2. UNITS = INCHES		REVISIONS: DATE:

Hydrodynamic, Volume, & Physical Specifications Of The Suntree Nutrient Separating Baffle Box Model Number: NSBB-10-18-101-BATTERY PARK-1

- The stormwater treatment structure will not be positioned in an off line treatment configuration. It will be sized so that the entire flow of a DUAL 36" pipes will always receive treatment by passing it through the inside of the stormwater treatment structure.
- For flows of 45 cfs a removal efficiency of at least 80% for TSS will be achieved, and flows of up to 100 cfs will be able to pass through the stormwater treatment structure for treatment.
- The stormwater treatment structure will be able to store captured solid debris such as leaves and litter in a dry state between rain events. The volume of dry storage will be approximately 164.40 cubic feet.
- The stormwater treatment structure will have the capacity to store approximately 765 cubic feet of captured sediment.
- The skimmer will be the Suntree SkimBoss system. As the water level in the vault changes, the Suntree floating skimmer will automatically move vertically, floating on the changing water level as needed to prevent water flow from topping the skimmer. On each end of the skimmer a track system is attached to the wall to hold the skimmer in place and provide for vertical movement. Wheels are attached to the ends of the skimmer and fit into the tracks and act to reduce the frictional forces between the skimmer and the tracks so that the skimmer can easily move vertically with the changing water elevations. There are 2 types of wheels that turn perpendicular to each other which are used to deal with the frictional forces. The centering wheels roll against the sides of the vault walls and work to reduce the frictional force of the vault walls. The load wheels reduce the friction produced from the water flow pushing the skimmer against the track in the direction of water flow. The body of the skimmer will be rigid and made of laminated fiberglass. The buoyancy of the skimmer comes from 2 components. The primary buoyancy component are the floats on the upstream side of the skimmer. These floats are located along the top of the skimmer and account for majority of the buoyancy. Another buoyancy component will be PVC structural foam laminated within the fiberglass layers of the body of the skimmer. The body of the skimmer is shaped so that the floats fit within the shape of the skimmer which combine to form a relatively flat surface on the upstream side. The floats are attached to the body of the skimmer within a cavity along the top of the skimmer. The floats are spaced off from the surface of the skimmer body so water can flow completely around on all sides of the float. The space between the float and the body of the skimmer is what allows the skimmer to buoyant relative to the water level on the upstream side of the skimmer. On the face of each end of the skimmer a rubber seal prevents the passage of oils or other floating chemicals. A hydrocarbon absorption boom is positioned along the face of the skimmer to absorb hydrocarbons. The hydrocarbon absorption boom is held in position by brackets that allow for the vertical movement of the boom along the face of the skimmer. The boom will float on the water surface and rise up and down with the changing water levels.
- The nutrient separating screen system shall be positioned approximately 3.5' above the static water level within the baffle box. Adjacent to the inflow, the screen system will have openings on both sides that have a combined cross sectional area that exceeds the cross sectional area of the pipe. These openings will act as an internal bypass for water flow in the event that the screen system becomes full of debris.
- The nutrient separating screen system shall have a minimum of 6" of vertical adjustment. The adjustment method shall be a system with brackets that are attached to the sides of the screen system that will slide vertically along 4" x 4" aluminum square poles. Two stainless steel bolts on each bracket can be tightened to lock the screen system in place, or loosened to allow for vertical adjustment of the screen system. The square poles are anchored to the baffle wall by stainless steel bolts.
- The nutrient separating screen system shall have a minimum of 3" of horizontal adjustment in the direction of the length of the concrete structure. The brackets that clamp the vertical adjustment poles to the side of the screen system can be repositioned to allow of horizontal adjustment.
- The nutrient separating screen system shall have a bottom section adjacent to the inflow which is hinged and can be opened for cleaning. This bottom section will function as a screened ramp to direct debris into the main body of the screened system. The sides of the screen system adjacent to the inflow will be made with stainless steel screen and transition in vertical height from a minimum of 8" above the inflow invert to the height of the main body of the screen system. The lower sides of the screen system adjacent to the inflow will provide bypass for water flow around the main body of the screen system if necessary. The cross sectional area of the bypass around the screen system will be equal to or exceed the cross sectional area of the inflow pipe.
- The nutrient separating screen system shall give access from above grade to the lower sediment collection chambers by the following method. The bottom of the screen system will contain hinged screened doors that can be opened in such a way as to allow adequate access for a vacuum truck to remove everything in all the lower collection chambers.
- The screen system structure will be a welded aluminum framework spanned by stainless steel screen, be generally rectangular in shape, and be formed to make a bottom, 2 long sides, and 1 end; the top and 1 end will remain open. The screen system will consist of panel sections that are held together with stainless steel bolts. When the panel sections are unbolted and separated from each other they will be able to pass through an access hatch or round manhole in the top of the baffle box for removal purposes. The aluminum frame work along the sides and end will be made of mostly 3" x 3" x 1/4" aluminum angle beam. The screen used to span the aluminum frame is described as follows: For the body of the screen system, flattened expanded stainless steel sheet 1/2" No. 16 F; Open area = 60%; Grade = 304 Stainless Steel. For the riser section of the screen system, flattened expanded stainless steel sheet 3/4" #13 F; open area = 75%; Grade 304 Stainless Steel. The screen will be attached to the screen system frame by sandwiching the screen to the aluminum frame between a series of 2" x 3/16" aluminum bars and welded in place.
- A turbulence deflector will be attached near the top of each of the baffles and adjacent to the inflow with stainless steel bolts and stainless steel fender washers. The turbulence deflectors will be made from laminated fiberglass and measure a minimum of 3/8" in thickness. The turbulence deflectors attached to the baffles will form a horizontal ledge that measures 18" from the downstream side of the first baffle and 12" from the downstream side of the second baffle, and span the full width of the baffle box. Adjacent to the inflow will be a set of 2 turbulence deflectors that each measure 15" wide x 38" long. A 24" flow spreader will be attached to the face of the first baffle with stainless steel bolts, nuts, and washers.
- The structure of the box will be precast concrete. The concrete will be 28 day compressive strength fc = 5,000 psi. Steel reinforcing will be ASTM A - 615 Grade 60. Structure will support an H2O loading as indicated by AASHTO. The joint between the concrete sections will ship lap and the joint sealed with Ram-Nek or equal butyl rubber joint sealant. Two baffles will separate the bottom of the structure into 3 chambers for the settling and collection of sediment. The baffles will be sealed with non-shrink grout to form 3 water tight chambers.
- For access into the Nutrient Separating Baffle Box, Three 36" X 60" Openings will be cast into the top of the vault.
- The inflow and outflow pipes will not intrude beyond flush with the inside surface of the Nutrient Separating Baffle Box. The space between the pipe holes in the ends of the Nutrient Separating Baffle Box and the outside surface of the pipe will be filled with non-shrink grout to form a water proof seal. The invert of the outflow pipe will be even with the tops of the baffles.

March 13, 2014 (10:34:57 EST)
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REVISION:

NO.	DATE	DESCRIPTION
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(850) 227-7200

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BLOOMINGTON, IN 47403
(800) 914-3000

877 COUNTY ROAD 303
SANTA ROSA BEACH, FL 32489
(850) 767-9759

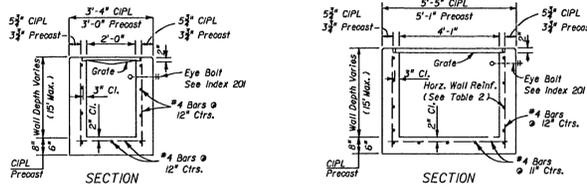
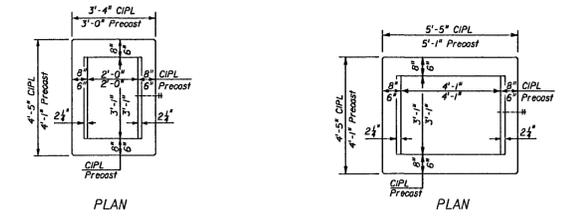
SCALE: AS SHOWN
DESIGNED: CWC
DRAWN: MLM
CHECKED: CLK
DATE: 13 MAR., 2014

TYPICAL DETAILS

BATTERY PARK BASIN
STORMWATER IMPROVEMENTS
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT NO:	SHEET:
219.006	10



HORIZONTAL WALL REINFORCING SCHEDULES (TABLE 1)

WALL DEPTH	SCHEDULE	AREA (in ² /ft)	MAX. SPACING BARS	WWF
0'-6"	A12	0.20	12"	8"
0'-15"	A12	0.20	12"	8"

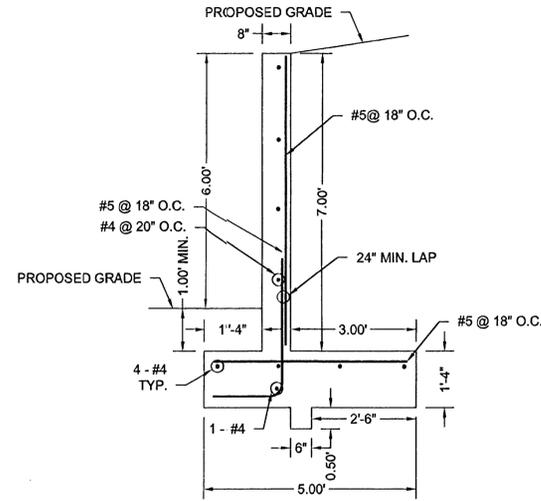
TYPE C
Recommended Maximum Pipe Size:
2'-0" Wall - 18" Pipe
3'-0" Wall - 24" Pipe (18" where an 18" pipe enters a 2'-0" wall)

HORIZONTAL WALL REINFORCING SCHEDULES (TABLE 2)

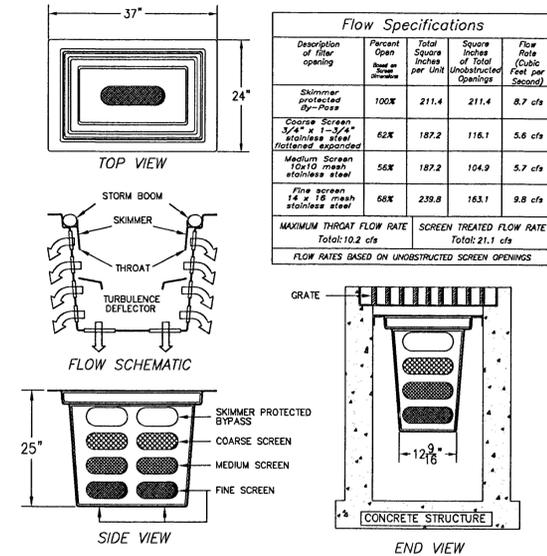
WALL DEPTH	SCHEDULE	AREA (in ² /ft)	MAX. SPACING BARS	WWF
0'-6"	A12	0.20	12"	8"
0'-10"	A6	0.20	6"	5"
0'-13"	A4	0.20	4"	3"
0'-15"	B5.5	0.24	5 1/2"	5"

TYPE D
Recommended Maximum Pipe Size:
3'-0" Wall - 24" Pipe
4'-0" Wall - 36" Pipe

TYPICAL DETAIL
FDOT DITCH BOTTOM INLET-INDEX 232
SCALE: N.T.S.



TYPICAL DETAIL
CONCRETE RETAINING WALL
SCALE: N.T.S.

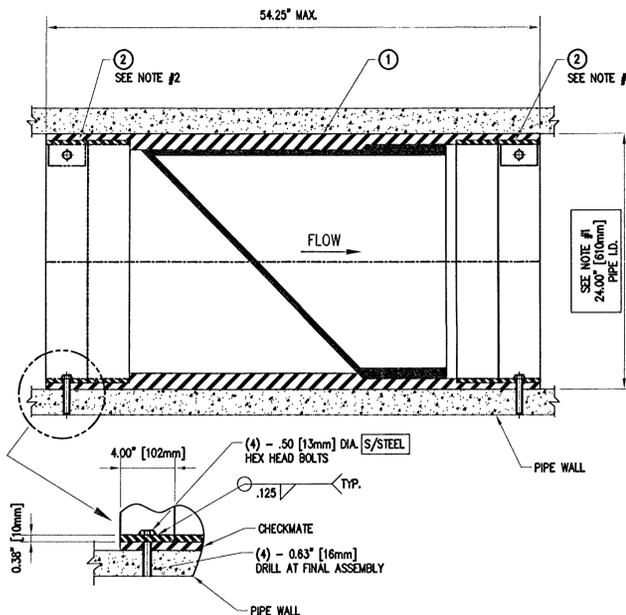


Flow Specifications

Description of filter opening	Percent Open Area	Total Square Inches per Unit	Square Inches of Total Unobstructed Openings	Flow Rate (Cubic Feet per Second)
Skimmer protected by-pass	100%	211.4	211.4	8.7 cfs
Coarse Screen 3/4" x 1-3/4" stainless steel fractured openings	62%	187.2	116.1	5.6 cfs
Medium Screen 10x10 mesh stainless steel	56%	187.2	104.9	5.7 cfs
Fine Screen 1/4" x 1/8" mesh stainless steel	68%	239.8	163.1	9.8 cfs
MAXIMUM THROAT FLOW RATE			SCREEN TREATED FLOW RATE	
Total: 10.2 cfs			Total: 21.1 cfs	

FLOW RATES BASED ON UNOBSTRUCTED SCREEN OPENINGS

TYPICAL DETAIL
GRATE INLET SKIMMER BOX
SCALE: N.T.S.

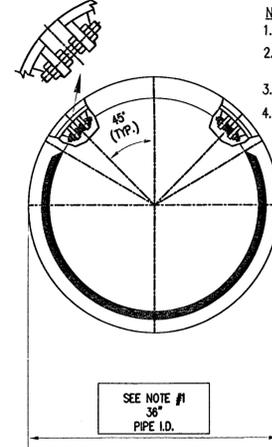


PIN PER NOTE #4
RECOMMENDED PINNING CONFIGURATION
(SUPPLIED BY CUSTOMER) (SEE I.O.M.)
NOT TO SCALE

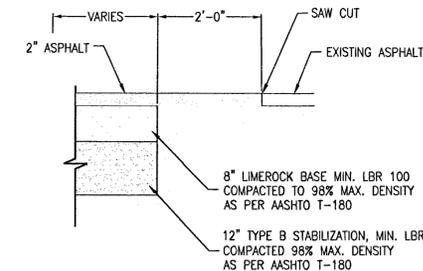
TYPICAL DETAIL
36" TIDEFLEX CHECKMATE CHECK VALVE
SCALE: N.T.S.

ITEM	QTY.	DESCRIPTION	MAT'L
1	1	CHECKMATE CHECK VALVE	MUST BE SUPPLIED
2	2	CLAMP	MUST BE SUPPLIED

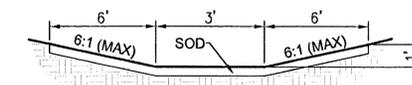
- NOTES:**
- PIPE INSIDE DIAMETER - [MUST BE SUPPLIED]
 - CLAMPS INSTALLED IN UPSTREAM OR DOWNSTREAM CUFF DEPENDING ON INSTALLATION ORIENTATION
 - MAXIMUM ALLOWABLE BACK PRESSURE - [20.0 FEET]
 - IT IS RECOMMENDED TO BOLT OR PIN TIDEFLEX TO PIPE AS SHOWN, 4 PLACES 90° APART



PRELIMINARY DRAWING
NOT FOR APPROVAL PURPOSES



TYPICAL DETAIL
ASPHALT PATCH
SCALE: N.T.S.



TYPICAL DETAIL
SODDED SWALE
SCALE: N.T.S.

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304 MARINA DRIVE
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(888) 287-0759
(888) 914-3300
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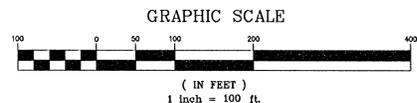
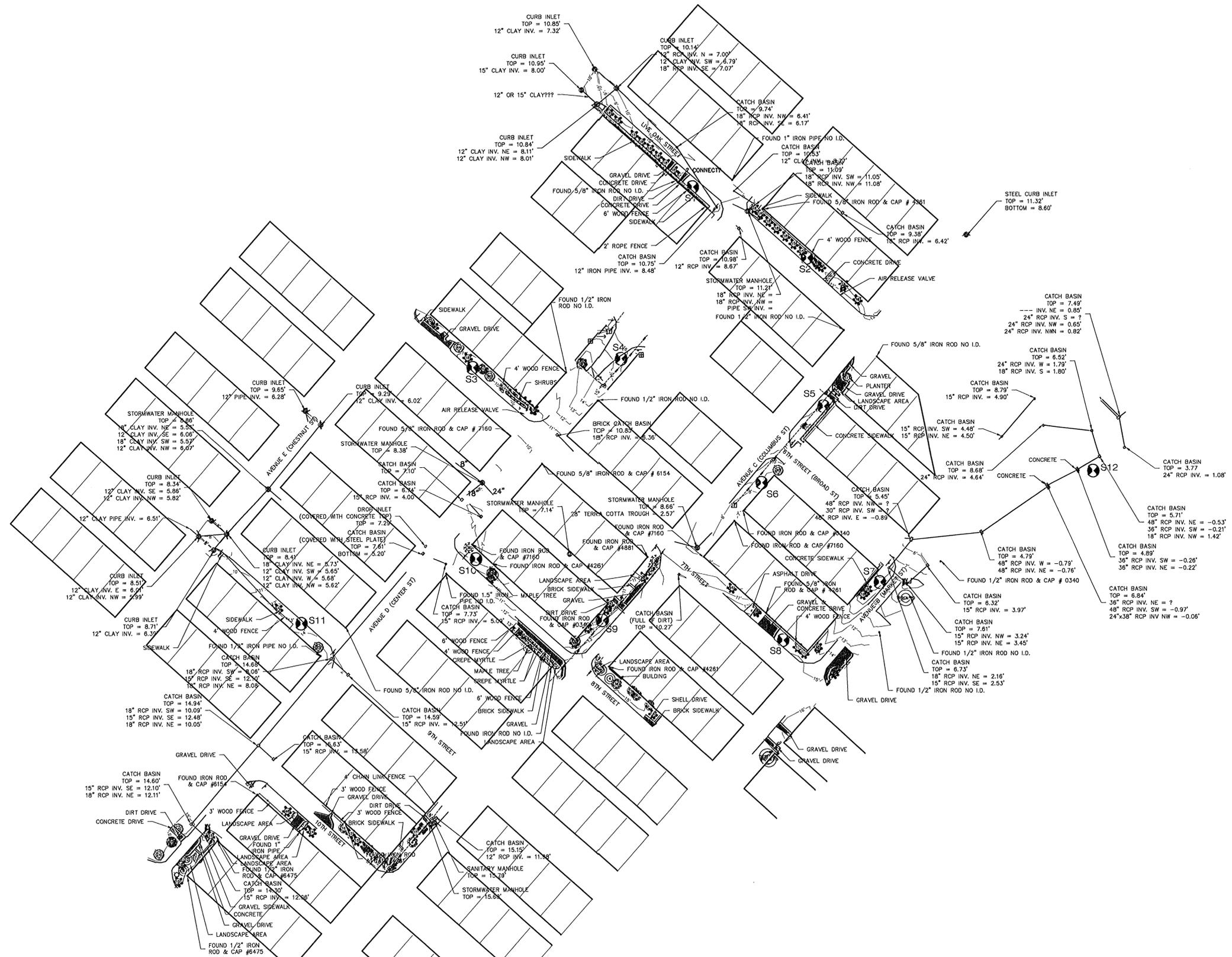
DATE: 13 MAR. 2014
CHECKED: CLK
DRAWN: MLM
DESIGNED: CWC
SCALE: AS SHOWN

NO. DATE: APR. 1 2 3 4 5 6 7

TYPICAL DETAILS
BATTERY PARK BASIN
STORMWATER IMPROVEMENTS
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA

**PRELIMINARY
NOT FOR
CONSTRUCTION**

January 7, 2014 (14.02.30 EST)
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TOPOGRAPHIC SURVEY
 BATTERY PARK

PROJECT NO. 219.006 SHEET S1

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24 HANNA DRIVE
 PALM BEACH, FL 33408
 (561) 655-7500

3000 CENTRAL AVE EAST
 SUITE 200
 GAITHERSBURG, MD 20878
 (301) 251-1100

DATE: 11/12/13
 CHECKED: DJB
 DRAWN: JF
 DESIGNED: JF
 SCALE: 1" = 100'

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FREDERICK C. RISH, P.E.
 PROFESSIONAL SURVEYOR & ENGINEER
 LICENSE NO. 10000

NO.	DATE	APPROV.	REVISION
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Know what's below.
Call before you dig.



CONSTRUCTION PLANS FOR APALACHICOLA DRAINAGE AND WATER QUALITY IMPROVEMENTS

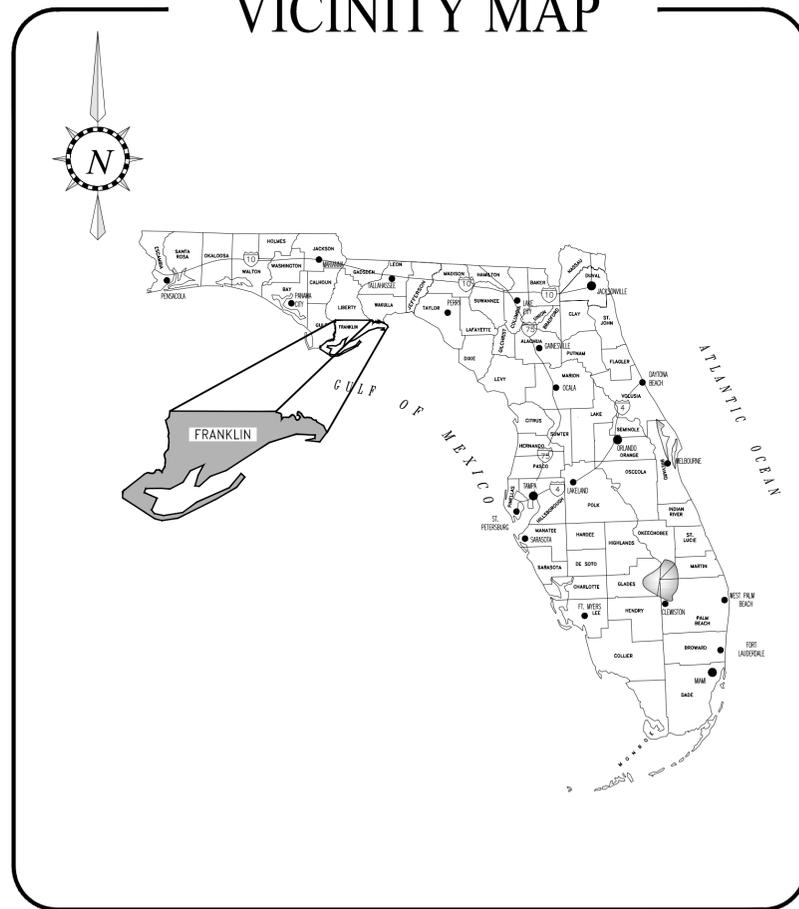
AVE I

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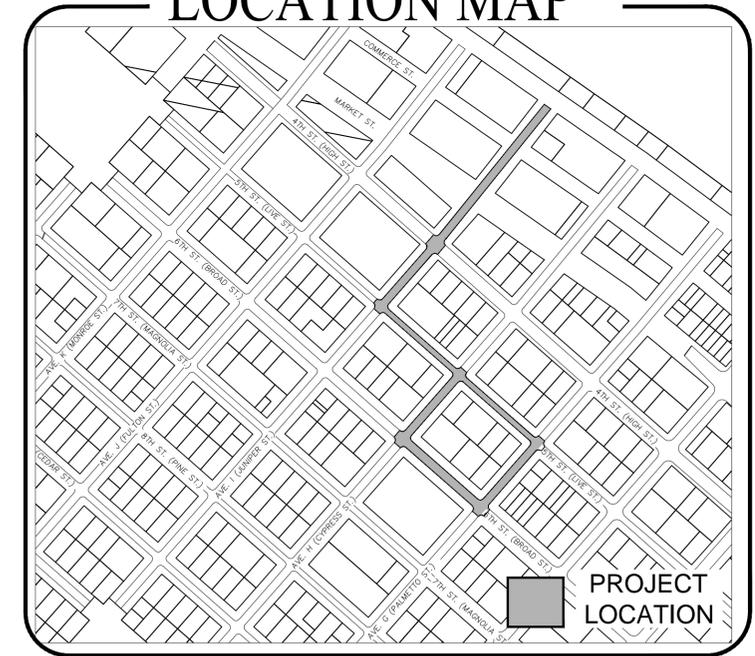
CITY OF APALACHICOLA Franklin County, Florida



VICINITY MAP



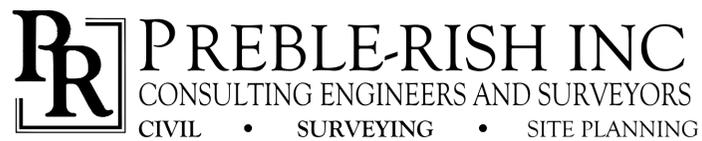
LOCATION MAP



SHEET	DESCRIPTION:
C1	COVER SHEET
C2	GENERAL NOTES
C3-C4	TOPOGRAPHIC SURVEY
C5-C6	DEMOLITION & EROSION PLAN
C7	SWPPP
C8	SITEPLAN
C9	PLAN & PROFILE (5TH STREET AND AVE I)
C10	DITCH SECTION
C11	LANDSCAPE PLAN
C12-C13	GENERAL DETAILS

REV. NO.	REV. DATE	REVISION DESCRIPTION	RELEASED TO	RELEASE DATE

December 15
PREPARED BY:



PROJECT NUMBER: 219.010

EB# 0006155

OWNER, DEVELOPER, AGENT

OWNER/DEVELOPER: CITY OF APALACHICOLA
1 AVENUE EAST
APALACHICOLA, FL 32320
PHONE: 850-653-3886

ENGINEER/AGENT: PREBLE RISH INC.
502 E PARK AVE.
TALLAHASSEE, FL 32301

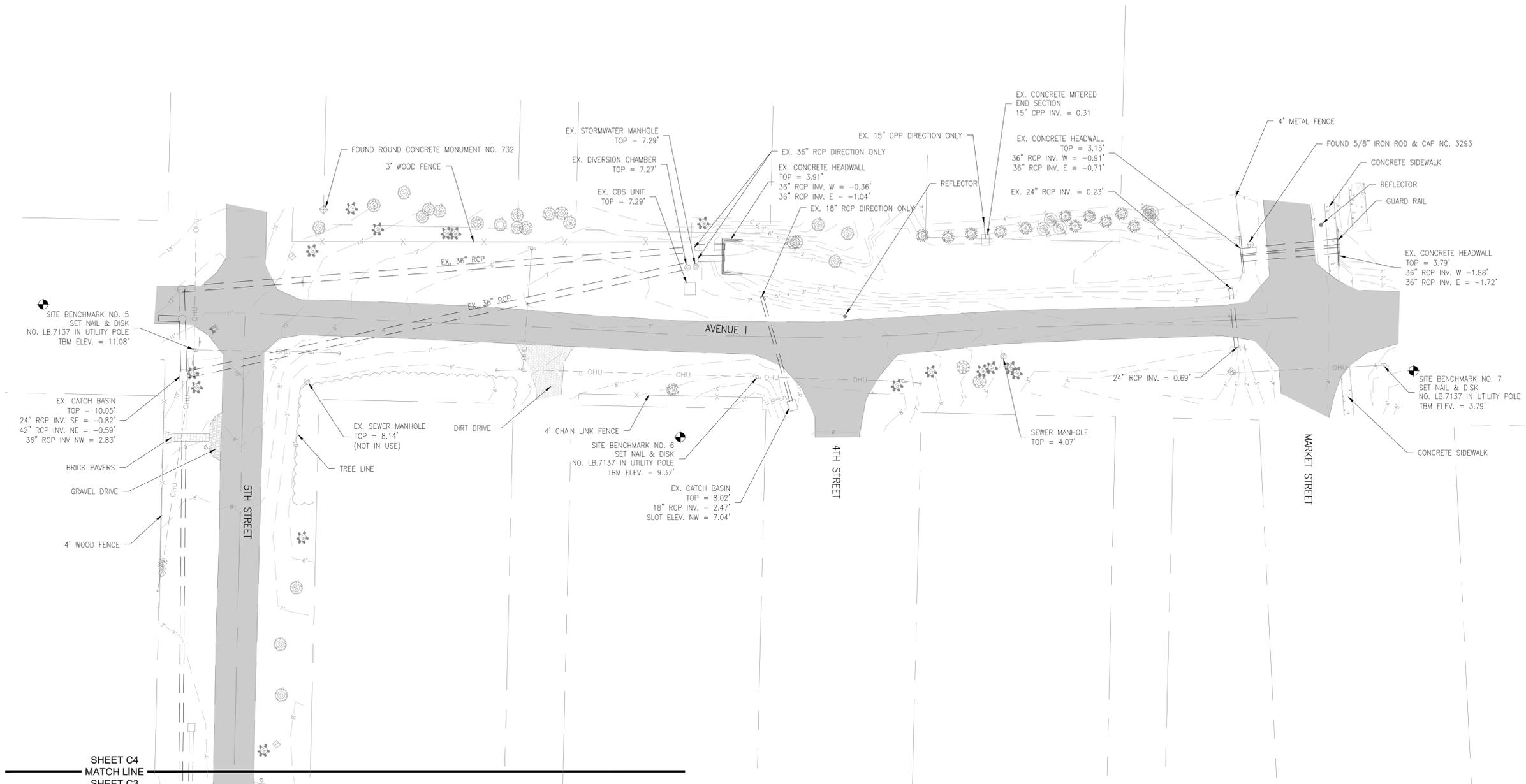
ERRORS AND OMISSIONS, IF ANY, IN THESE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS SHALL BE NOTED AT ONCE AND CALLED TO THE ENGINEER'S ATTENTION PRIOR TO SUBMITTING BIDS.
ALL CORRESPONDENCE IN REGARDS TO THESE CONSTRUCTION/BID DOCUMENTS SHALL BE DIRECTED TO AYODEJI O. AJOSE-ADEOGUN, P.E. AT PREBLE-RISH, INC. CONSULTING ENGINEERS 502 E PARK AVE. TALLAHASSEE, FL 32301 (850)523-0062

AYODEJI O. AJOSE-ADEOGUN, P.E.
P.E. #: 65524

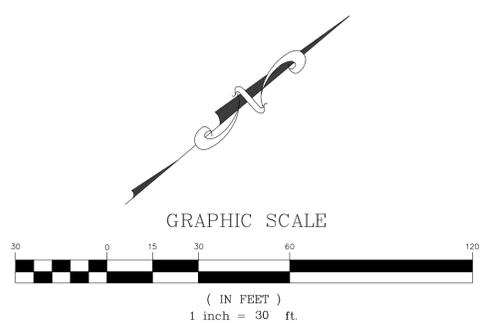
DATE:

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SHEET C4
MATCH LINE
SHEET C3



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FREDERICK C. RAMM, P.S.M.
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA LICENSE NO. L.S. 1686

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36 JASPER TOMAS RD.
JACKSONVILLE, FL 32201
(904) 754-3300 (904) 754-3300 (904) 754-3300

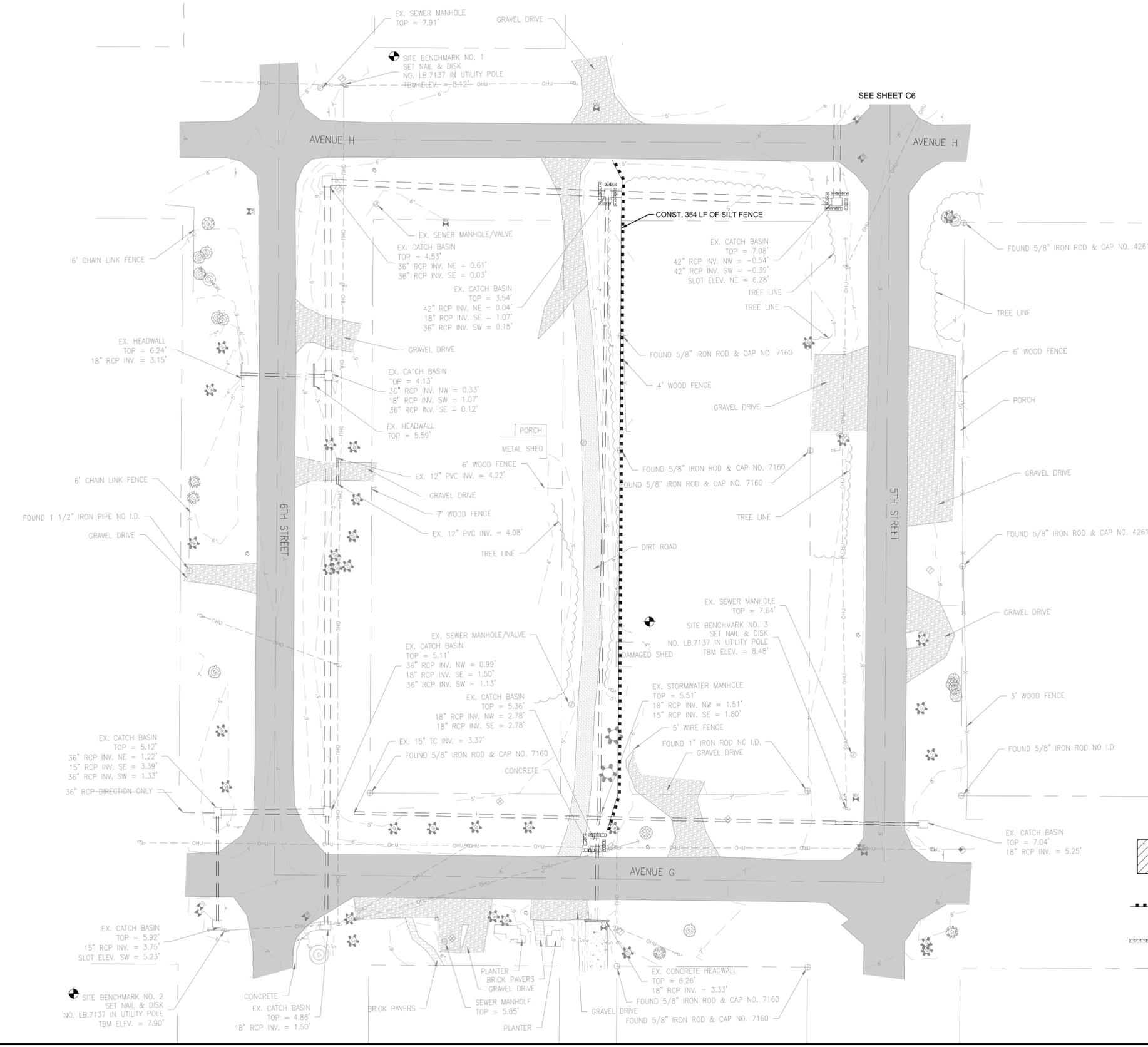
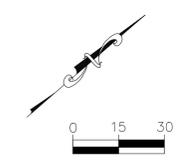
SCALE: 1" = 30'

DESIGNED: JF
DRAWN: JF
CHECKED: DUB
DATE: 12/10/14

TOPOGRAPHIC SURVEY

AVENUE I
CITY OF APALACHICOLA
FRANKLIN COUNTY, FLORIDA

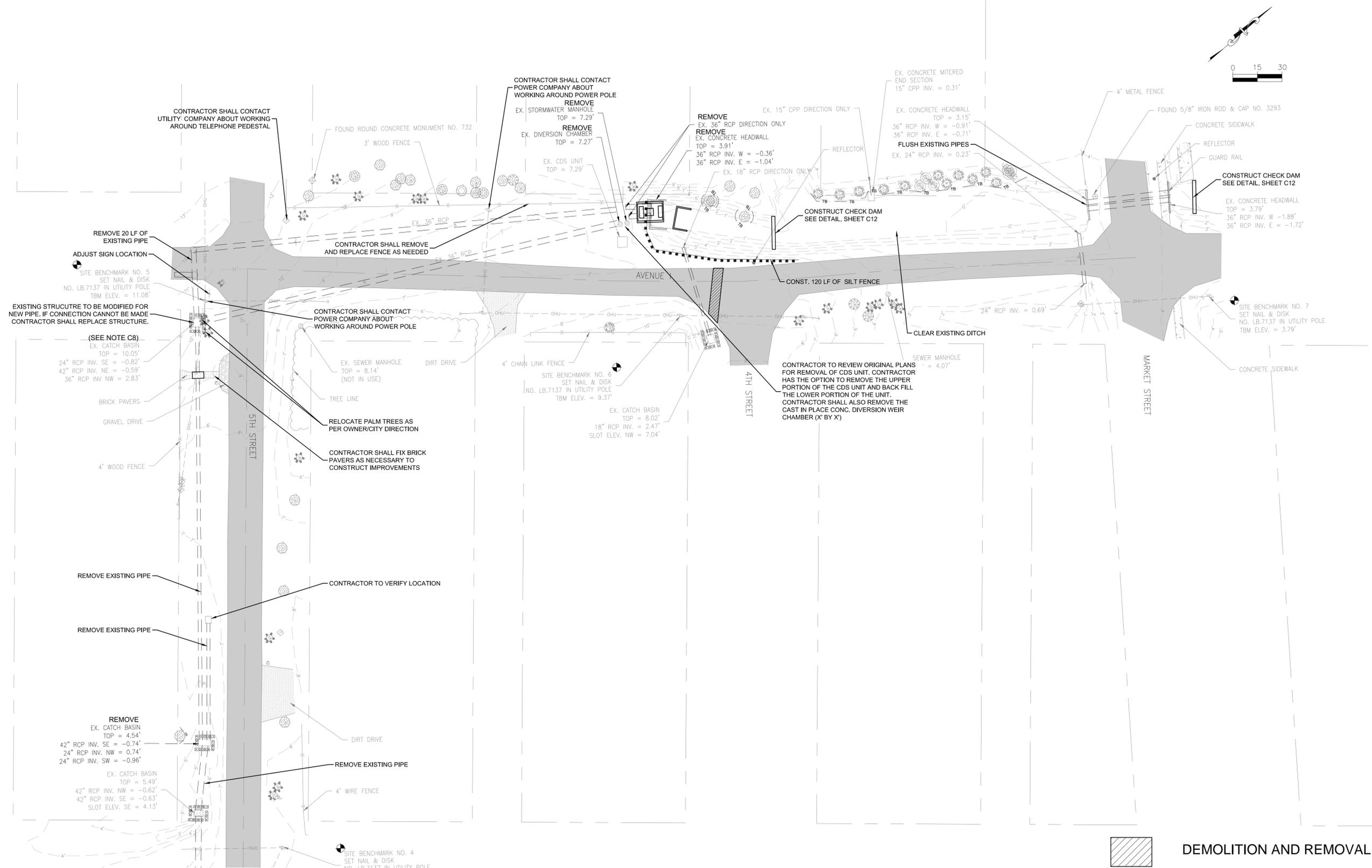
PROJECT NO. 219.010 SHEET C4



<p>PREBLE-RISH INC. CONSULTING ENGINEERS AND SURVEYORS CIVIL • SURVEYING • SITE PLANNING 502 E PARK AVE., TALLAHASSEE, FL 32301 (850) 523-0062</p>		<p>NO. 1 DATE: APRIL</p>	<p>NO. 2 DATE:</p>	<p>NO. 3 DATE:</p>	<p>NO. 4 DATE:</p>	<p>NO. 5 DATE:</p>	<p>NO. 6 DATE:</p>	<p>NO. 7 DATE:</p>	
<p>SCALE: AS SHOWN</p>		<p>DESIGNED: A.O.A.</p>	<p>DRAWN: RJERNIGAN</p>	<p>CHECKED: A.O.A.</p>	<p>DATE: December 2015</p>	<p>NOT PROCEED UNLESS DRAWER WITH PROFESSIONAL ENGINEER'S SEAL</p> <p>AVOCELA O. LUCHE-NECOSOM, P.E. 65524 EB 0006155</p>			
<p>DEMOLITION & EROSION PLAN AVE 1 APALACHICOLA DRAINAGE AND WATER QUALITY IMPROVEMENTS FRANKLIN COUNTY, FLORIDA</p>		<p>PROJECT NO. 219.010</p>	<p>SHEET C5</p>						

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-  DEMOLITION AND REMOVAL
-  SILTFENCE
-  INLET PROTECTION
-  TREE PROTECTION

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 CONSULTING ENGINEERS AND SURVEYORS
 CIVIL • SURVEYING • SITE PLANNING
 502 E PARK AVE., TALLAHASSEE, FL 32301
 (850) 523-0062

NOT PROFESSIONAL UNLESS DRAWN WITH PROFESSIONAL ENGINEER'S SEAL
 ANOCELA O. LOUSE-NEEDHAM, P.E.
 65524 EB 0006155

SCALE: AS SHOWN
 DESIGNED: A.O.A.
 DRAWN: RJERNIGAN
 CHECKED: A.O.A.
 DATE: December 2015

DEMOLITION & EROSION PLAN

AVE 1
APALACHICOLA DRAINAGE AND WATER QUALITY IMPROVEMENTS
FRANKLIN COUNTY, FLORIDA

PROJECT NO. 219.010 SHEET C6

SUNTREE TECHNOLOGIES INC.®
BOX™

NUTRIENT SEPARATING BAFFLE

MODEL NO: NSBB-6-15-176-US 98-1

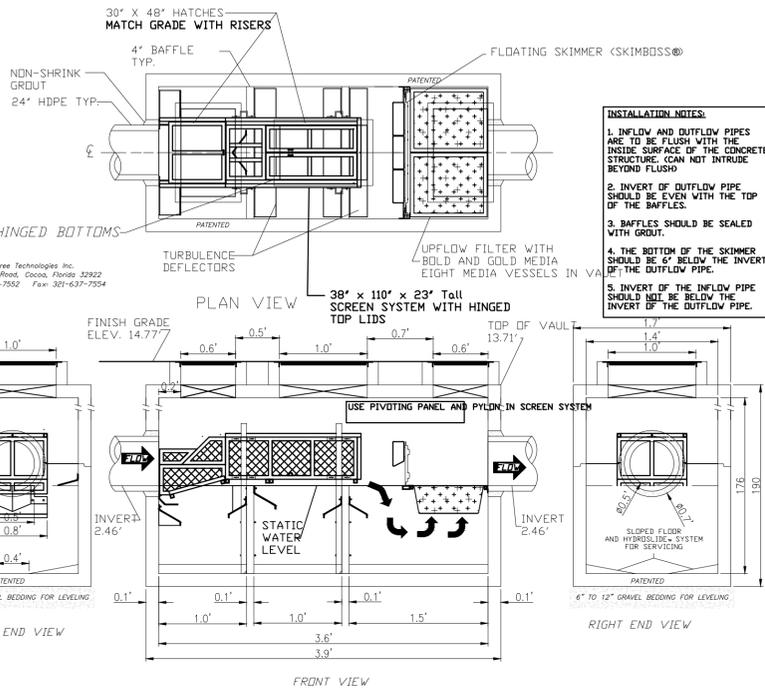
PATENTED
AND PATENTS PENDING

FLOW & BY-PASS SPECIFICATIONS FOR BIOMASS
SEPARATING SCREEN SYSTEM, SEDIMENT COLLECTION
CHAMBERS, AND SKIMMER SPECIFICATIONS

- Pipe inflow area (Drawn as 24" HDPE) — 314 sqft.
- Flow area of skimmer — 9.71 sqft.
- Open orifice area in screen system — 38.68 sqft.
- Open orifice area in screen system with 50% blockage — 19.34 sqft.
- Open orifice area in screen system with 75% blockage — 9.67 sqft.
- Minimum by-pass through screen system — 1.30 sqft.
- Minimum by-pass around screen system below the top surface of the pipe — 5.20 sqft.
- Screen system storage volume — 53.83 cu.ft.
- Volume of first sediment chamber — 96.00 cu.ft.
- Volume of second sediment chamber — 96.00 cu.ft.
- Volume of third sediment chamber — 152.00 cu.ft.
- Total sediment volume — 344.00 cu.ft.
- Area of pipe in line with skimmer — 314 sqft.
- Area between the skimmer and the outflow pipe parallel with the surface of the pipe — 12.56 sqft.

- SKIMMER SPECIFICATIONS:
- Area of pipe in line with skimmer — 9.71 sqft.
 - Area of pipe in line with skimmer — 314 sqft.
 - Area between the skimmer and the outflow pipe parallel with the surface of the pipe — 12.56 sqft.

Suntree Technologies Inc.
798 Clearlake Road, Cocoa, Florida 32922
Ph: 321-637-7552 Fax: 321-637-7554



NUTRIENT SEPARATING BAFFLE BOX
NTS

- Notes:
- CONCRETE 28 DAY COMPRESSIVE STRENGTH $f_c = 5,000$ PSI.
 - REINFORCING: ASTM A-615, GRADE 60.
 - SUPPORTS AN H2O LOADING AS INDICATED BY AASHTO.
 - JOINT SEALANT: BUTYL RUBBER SS-S-00210
 - ALL WALLS, TOP, AND BOTTOM ARE 7" THICK.
 - INFLOW AND OUTFLOW PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE. (CAN NOT INTRUDE BEYOND FLUSH)
 - HINGED LIDS FOR THE SCREEN SYSTEM ARE AVAILABLE UPON REQUEST.
 - BAFFLES WILL BE SEALED WITH GROUT TO FORM THREE WATER TIGHT CHAMBERS.

PEAK TREATMENT DESIGN FLOW
24 ft³/sec
PEAK DESIGN FLOW
BASED ON SITE SPECIFIC
CRITERIA

Hydrodynamic, Volume, & Physical Specifications Of The Suntree Nutrient Separating Baffle Box
Model Number: NSBB-6-15-176-US 98-1-SBF

- The stormwater treatment structure is commonly placed on-line or off-line. It will be sized so that the entire flow of a 'INFLOW' pipe will always receive treatment by passing it through the inside of the stormwater treatment structure. The storm water drain filter system comprising: a housing having an inlet thereinto and an outlet therefrom and having a plurality of chambers formed therein below said inlet; a housing cover for access into said housing; a filter screen mounted over each of a plurality of said housing chambers for collecting trash from said storm water passing therethrough, each said filter screen being movable to allow access to the housing chamber therebeneath; an inlet filter screen movably mounted adjacent said housing inlet for filtering drain water entering said inlet; and an oil sorbent boom removably mounted in said housing above one said housing chamber for collecting oil in the drain water entering said housing inlet; whereby an in-line storm water drain filter system filters materials from drain water passing through said storm water drain.
- For flows of 24 cfs a removal efficiency of at least 80% for TSS will be achieved. Peak flows will be based on site specific criteria and be able to pass through the stormwater treatment structure for treatment.
- The stormwater treatment structure will be able to store captured solid debris such as leaves and litter in a dry state between rain events. The volume of dry debris will be approximately 53.83 cubic feet.
- The stormwater treatment structure will have the capacity to store approximately 344 cubic feet of captured sediment.
- The nutrient separating screen system shall be positioned approximately 35' above the static water level within the baffle box adjacent to the inflow. The screen system will have openings on both sides that have a combined cross sectional area that exceeds the cross sectional area of the pipe. These openings will act as an internal bypass for water flow in the event that the screen system becomes full of debris.
- The nutrient separating screen system shall have a minimum of 10' of vertical adjustment. Vertical adjustment of the screen system will be via telescoping 3" x 3" aluminum square support poles along the sides of the screen system. The square support poles are anchored to the baffle wall by stainless steel bolts.
- The nutrient separating screen system shall have a minimum of 3' of horizontal adjustment in the direction of the length of the concrete structure. The brackets that clamp the vertical adjustment poles to the side of the screen system can be repositioned to allow of horizontal adjustment.
- The nutrient separating screen system shall have a bottom section adjacent to the inflow which is hinged and can be opened for cleaning. This bottom section will function as a screened ramp to direct debris into the main body of the screen system. The sides of the screen system adjacent to the inflow will be made with stainless steel screen and transition in vertical height from a minimum of 8' above the inflow invert to the height of the main body of the screen system. The lower sides of the screen system adjacent to the inflow will provide bypass for water flow around the main body of the screen system if necessary. The cross sectional area of the bypass around the screen system will be equal to or exceed the cross sectional area of the inflow pipe. The bypass adjacent to the inflow along the sides of the screen system can be adjusted as needed by insertion or removal of screened bypass panels.
- The nutrient separating screen system shall give access from above grade to the lower sediment collection chambers by the following method. The bottom of the screen system will contain hinged screened doors that can be opened in such a way as to allow adequate access for a vacuum truck to remove everything in all the lower collection chambers.
- The screen system structure will be a welded aluminum framework spanned by stainless steel screen, be generally rectangular in shape, and be formed to make a bottom, 2 long sides, 1 end, and a top. The inflow end will remain open so as to allow water to enter the screen system. The screen system will consist of screened panel sections that are held together with stainless steel bolts. All the panels, access doors, and lids that make up the screen system will be made with stainless steel screen. When the panel sections are unlatched and separated from each other, they will be able to pass through an access hatch or round manhole in the top of the baffle box for removal purposes. The aluminum frame work will be made of mostly 2" x 2" x 1/4" aluminum angle beam. The screen used to span the aluminum frame is described as follows: For the body of the screen system, flattened expanded stainless steel sheet 3/4" # 13 F. Open area = 75%; Grade = 304 Stainless Steel. The screen attached to the screen system frame by sandwiching the screen to the aluminum frame between a series of 1 1/4" x 3/16" aluminum bars and welded in place. Aluminum screen material is not allowed. The screen can not be attached by riveting the screen to the aluminum framework.
- Within the settling chambers of the treatment system; deflectors will be configured with specific sizes located at specific locations to reduce turbulence within said settling chambers, and minimize the likelihood of re-suspension of previously captured debris. This system of for increasing efficiencies of storm water baffle boxes to remove pollutants, comprising: a baffle box having a first sediment settling chamber with a first baffle, with a raised inlet port adjacent to a front wall of the baffle box for allowing storm water to pass into the baffle box and a second sediment chamber with an inflow deflector in the first sediment chamber adjacent to the inlet portion of the baffle box beneath the inlet port for reducing turbulence of the storm water passing into the sediment chamber to allow for increased settling and less suspension of pollutant particulates; and a flow spreader in the first sediment chamber adjacent to the first baffle for spreading water flow in a wide direction within the baffle box to reduce linear velocity of the flow entering the inflow side, and a raised outlet port adjacent to a rear wall of the baffle box for passing flow from the storm water to pass out of the baffle box.
- In the first chamber a series of deflectors will be installed to reduce turbulence in the chamber. The configuration of the deflectors is as follows: Directly under the inflow pipe and inflow of the screen system, a deflector will be attached to the inflow wall. This deflector will measure approximately 48' long x 9' wide and be attached with stainless steel wedge bolts onto the wall. On the inflow side of the first baffle will be a V shaped deflector so that it will spread wide water flow that impacts the inflow side of the first baffle. Under the V shaped flow spreader will be a deflector shape that prevents water that impacts the first baffle from flowing down into toward the bottom of the first chamber. This deflector can be angled or horizontal as needed. Adjacent to the left and right of the inflow pipe will be a corner deflector attached to the inflow wall approximately midway down between the inflow invert and the bottom of the settling chamber. All these deflectors will be made of fiberglass of approximately 3/8" thickness and be attached by stainless steel wedge bolts.
- In the second chamber a series of deflectors will be installed to reduce turbulence in the chamber. The configuration of the deflectors is as follows: On the down stream side of the first baffle will be a deflector attached near the top of the baffle. This deflector will be angled and measure approximately 70' long x 12' wide. On the inflow side of the second baffle will be a deflector that is angled and measure approximately 70' long x 10' wide. This deflector will be attached at an elevation approximately 6' down from the top of the baffle. All these deflectors will be made of fiberglass of approximately 3/8" thickness and be attached by stainless steel wedge bolts.
- In the third chamber a series of deflectors will be installed to reduce turbulence in the chamber. The configuration of the deflectors is as follows: A deflector will be attached on the down stream side of the second baffle and it will be angled and measure approximately 70' long x 10' wide. A deflector will be attached on the outflow wall of the vault and it will be angled and measure approximately 70' long x 12' wide. These deflectors will be attached at an elevation approximately 6' down from the top of the baffle. All these deflectors will be made of fiberglass of approximately 3/8" thickness and be attached by stainless steel wedge bolts.
- Along each side of the screen system will be a deflector that spans between the inflow wall and the top of the first baffle. This deflector will measure approximately 59' long x 11' wide. This deflector will be angled so as to facilitate the settling of sediments into the settling chambers. All these deflectors will be made of fiberglass of approximately 3/8" thickness and be attached by stainless steel wedge bolts.
- The structure of the box will be precast concrete. The concrete will be 28 day compressive strength $f_c = 5,000$ psi. Steel reinforcing will be ASTM A - 615 Grade 60. Structure will support an H2O loading as indicated by AASHTO. The joint between the concrete sections will ship lap and the joint sealed with Rom-Nek or equal butyl rubber joint sealant. Two baffles will separate the bottom of the structure into 3 chambers for the settling and collection of sediment. The baffles will be sealed with non-shrink grout to form 3 water tight chambers.
- For access into the Nutrient Separating Baffle Box, Three 30' x 48' Openings for Hatches will be cast into the top of the vault.

20. The inflow and outflow pipes will not intrude beyond flush with the inside surface of the Nutrient Separating Baffle Box. The space between the pipe holes in the ends of the Nutrient Separating Baffle Box and the outside surface of the pipe will be filled with non-shrink grout to form a water proof seal. The invert of the outflow pipe will be even with the tops of the baffles.

21. The treatment vault will be an in-line storm water drain system comprising of a housing having an inlet thereinto and an outlet therefrom and having a plurality of interior walls, each having a top edge, forming a plurality of open top chambers below said inlet. The filter basket having a rigid frame and a plurality of screened sides and top and bottom and an open front end, said filter basket rigid frame being attached to at least two of said interior wall edges; a pair of side-by-side screen filter doors covering at least a portion of said top for entry into said filter basket; a pair of side-by-side bottom screen filter doors covering at least a portion of said bottom for entry into at least one of said plurality of chambers; and an inlet feed chute attached to said filter basket open front end, and having a pair of sides and a bottom having a screen door therein, said inlet feed chute being positioned in front of said storm water housing inlet for directing entering storm water into said filter basket whereby an in-line storm water drain system filters materials from storm water passing through said storm water drain. The screened lids in the top of the screen system will consist of 2 side by side panels that are each approximately 74' long x 18-3/4' wide. The aluminum frame work of the screened lid panels will be made of mostly 2" x 2" x 1/4" aluminum angle beam. The screen used to span the aluminum frame is described as follows: flattened expanded stainless steel sheet 3/4" # 13 F. Open area = 75%; Grade = 304 Stainless Steel. The stainless steel screen will be welded to the aluminum frame work by sandwiching the screen between the 2" x 2" x 1/4" aluminum angle framing beam and an aluminum match plate. The screened lids will be hinged along the long side of each panel with stainless steel piano hinge and attach to the top outside of the screen system so that when opened the entire inside of the screen system is easily accessible by a service truck and service personnel.

22. The skimmer will be the Suntree SkinBoss™ System. The storm water treatment system to have a floatable skimmer apparatus for preventing floatable debris from entering the treatment vault outlet comprising: a housing chamber having an inlet thereinto and an outlet therefrom; a skimmer panel having a top and a bottom and being positioned in said housing chamber between the inlet and outlet of said housing chamber, said skimmer panel being movably mounted in said housing chamber in a pair of skimmer tracks for movement therein and positioned in said housing chamber to form a channel under said skimmer panel, said interior panel having a niche formed therein along the top thereof; and at least one floatation member mounted in said skimmer panel niche on the inlet side of said skimmer panel and being spaced from said skimmer panel to allow water in said housing chamber between said floatation member and said skimmer panel to rise and lower said skimmer panel in said skimmer track with the rise and fall of storm water in said housing chamber to thereby hold the top of said skimmer panel above the water level in said housing chamber; whereby storm water is forced under the bottom of said floatable skimmer panel while blocking floatable debris from entering said housing vault outlet. As the water level in the vault changes, the floatable skimmer will automatically move vertically, floating on the changing water level as needed to prevent water flow from topping the skimmer. On each end of the skimmer a track system is attached to the wall to hold the skimmer in place and provide for vertical movement. Wheels made of Delrin are attached to the ends of the skimmer and fit into the tracks and act to reduce the frictional forces between the skimmer and the tracks so that the skimmer can easily move vertically with the changing water elevations. There are 2 types of wheels that turn perpendicular to each other which are used to deal with the frictional forces. The centering wheels roll against the sides of the vault walls and work to reduce the frictional forces pushing the skimmer against the track in the direction of water flow. The body of the skimmer will be rigid and made of laminated fiberglass. The buoyancy of the skimmer comes from 2 components. The primary buoyancy component are the floats on the upstream side of the skimmer. These floats are located along the top of the skimmer and account for the majority of the buoyancy. Another buoyancy component will be PVC structural foam laminated within the fiberglass layers of the body of the skimmer. The body of the skimmer is shaped so that the floats fit within the shape of the skimmer which combine to form a relatively flat surface on the upstream side. The floats are attached to the body of the skimmer within a cavity along the top of the skimmer. The floats are spaced off from the surface of the skimmer body so water can flow completely around on all sides of the float. The space between the float and the body of the skimmer is what allows the skimmer to buoyant relative to the water level on the upstream side of the skimmer. On the face of each end of the skimmer a hydrocarbon absorption boom is positioned along the face of the skimmer to absorb hydrocarbons. The hydrocarbon absorption boom is held in position by brackets that allow for the vertical movement of the boom along the face of the skimmer. The boom will float on the water surface and rise up and down with the changing water levels.

23. The pivoting panel and pylon system, located within the screen system, will act prevent internal backflow currents which will enhance the retention of captured debris within the screen system. The pivoting panel backflow current preventer during storm water treatment, comprising: a screen housing for being placed in a storm water treatment environment, the housing having an inlet end and an outlet end; and a backflow current preventer panel pivotally attached to the screen housing at the inlet end of the screen housing for diverting the incoming water downward through the screen system; wherein the pivoting panel is attached to the screen housing, and wherein the backflow current preventer stops debris from passing out of the screen system when incoming storm water is flowing through the screen system; wherein the pivoting panel is sloped at an angle to the incoming storm water flowing through the screen system; wherein the pivoting panel is substantially vertically oriented substantially perpendicular to the incoming storm water flowing through the screen system; a hinge that attaches to the top portion of the panel to the screen housing. The pivoting panel to be approximately 1/2 the height of the body of the screen housing when at rest against fixed pylon, span the width of the screen housing, and be constructed of 1/4" extruded fiberglass. The pivoting panel will be attached to the top of the screen housing adjacent to the inflow by means of a stainless steel piano hinge. The pylon will act to prevent backflow currents during storm water treatments, comprising: a screen housing for being placed in a storm water treatment environment, the housing having an inlet end and an outlet end; and a backflow current preventer attached to the screen housing at the inlet end of the screen housing, the backflow current preventer includes: a fixed pylon at the inlet end of the screen housing for diverting the incoming storm water to horizontally split to the left and right sides inside of the screen housing. The fixed pylon will be constructed of fiberglass and bolted to the floor of the screen housing with stainless steel bolts. The pivoting panel will have the articulation to rest against the fixed pylon and be horizontal and parallel with the floor of the screen housing.

24. The HydroSlide™ service system will be incorporated into the storm water treatment system as a method of improving the ease and speed of servicing. The treatment vault will be an in-line storm water drain system comprising of a housing having an inlet thereinto and an outlet therefrom and having a plurality of interior walls, each having a top edge, forming a plurality of open top chambers below said inlet, and a floor surface within the vault. For the retention of captured pollutant particulate, said storm water treatment vault shall include the housing chamber having an inlet end and an outlet end; floor of said treatment vault to be sloped so that the perimeter of the area of the floor is higher than the center of the floor; access for servicing of vault above settling chambers at finish grade. The vault to include a water sprayer system located along the top perimeter of the floor to be located along the corner making the floor and the vertical wall; a water source sprayer system to direct jet nozzles for water conveyance parallel to the floor surface away from the corner making the floor and the vertical wall; a water source connection point located adjacent to the service access at finish grade; a conveyance for water flow from the connection point located at finish grade to the water sprayer system located along the floor inside of the vault. Water conveyance from water source connection point to sprayer nozzles to be rated for 600 psi water pressure.

25. Upflow filter to be fitted with adsorbent media described as BOLD AND GOLD. Media to be installed within two removable cartridges. The cartridges will be covered on the top and bottom with perforated stainless steel screen. SkinBoss™ skimmer system shall rest on the leading edge of the upflow filter so as to direct the water flow toward the underside of the upflow filter. During larger flows the SkinBoss™ skimmer system will float up with the hydraulic grade line to allow water to pass under the skimmer and over the top of the upflow filter. During larger flows the SkinBoss™ skimmer system will adjust to allow the water flow to bypass the upflow filter. When the skimmer is elevated and the flow is bypassing the filtration cartridges, louvers across the top of the upflow filter will be positioned to create a slight backflow water current through the filtration cartridges. There will be approximately 14.8 square feet of media with a thickness of 12".

NO.	DATE	APPROVED	REVISION
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NOT FOR CONSTRUCTION. THIS DRAWING IS FOR INFORMATION ONLY.
PROFESSIONAL ENGINEER SEAL

PREBLE-RISH INC.
CONSULTING ENGINEERS AND SURVEYORS
CIVIL • SURVEYING • SITE PLANNING
502 E PARK AVE., TALLAHASSEE, FL 32301
(850) 523-0062

SCALE: N.T.S. DESIGNED: DRAWN: CHECKED: DATE: De

GENERAL DETAILS
AVE 1
APALACHICOLA DRAINAGE AND
WATER QUALITY IMPROVEMENTS
FRANKLIN COUNTY, FLORIDA



December 15, 2015 07:18:40 EST
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SITE PLANS

APALACHICOLA DRAINAGE AND WATER QUALITY IMPROVEMENTS

US 98 AND 16TH STREET

PREPARED FOR:

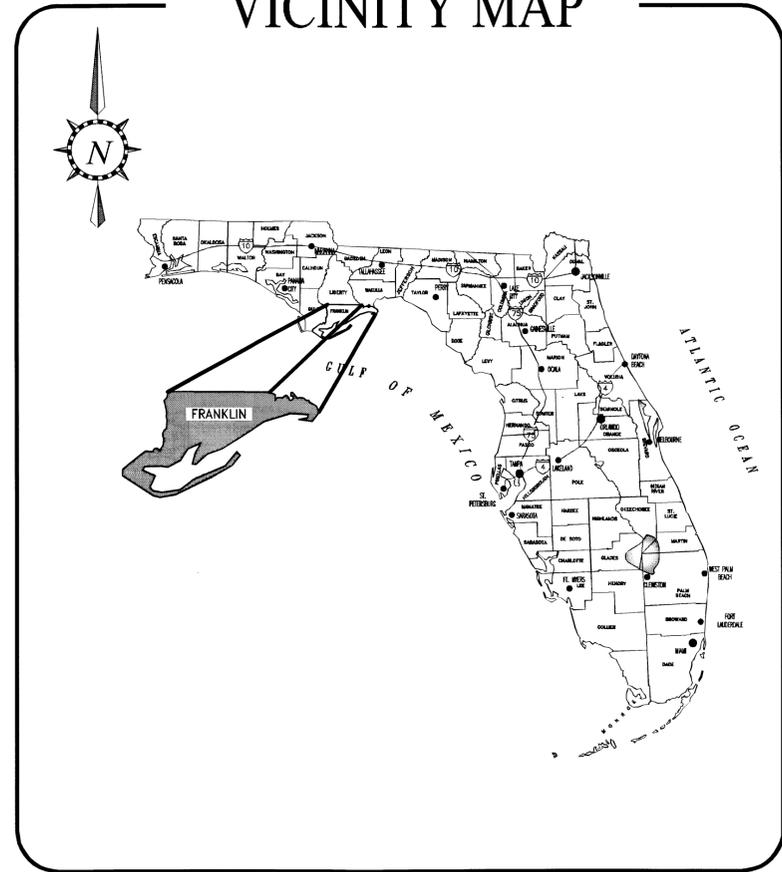
CITY OF APALACHICOLA
Franklin County, Florida



Know what's below.
Call before you dig.



VICINITY MAP



LOCATION MAP

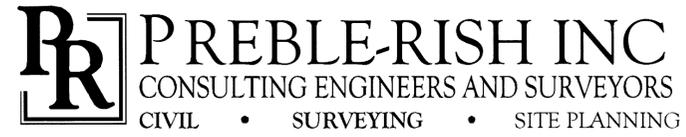


SHEET	DESCRIPTION:
C1	COVER SHEET
C2	GENERAL NOTES
C3	EXISTING CONDITIONS
C4	DEMOLITION AND EROSION
C5	SWPPP
C6	PLAN & PROFILE (AVENUE D)
C7	PLAN & PROFILE (13TH STREET)
C8-C9	GENERAL DETAILS

REV. NO.	REV. DATE	REVISION DESCRIPTION	RELEASED TO	RELEASE DATE

March 15

PREPARED BY:



PREBLE-RISH INC
CONSULTING ENGINEERS AND SURVEYORS
CIVIL • SURVEYING • SITE PLANNING

PROJECT NUMBER: 219.008

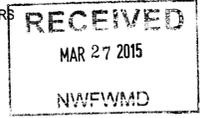
EB# 0006155

OWNER, DEVELOPER, AGENT

OWNER/DEVELOPER: CITY OF APALACHICOLA
1 AVENUE EAST
APALACHICOLA, FL 32320
PHONE: 850-653-3886

ENGINEER/AGENT: PREBLE RISH INC.
315 BEARD ST.
TALLAHASSEE, FL 32303

ERRORS AND OMISSIONS, IF ANY, IN THESE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS SHALL BE NOTED AT ONCE AND CALLED TO THE ENGINEER'S ATTENTION PRIOR TO SUBMITTING BIDS.
ALL CORRESPONDENCE IN REGARDS TO THESE CONSTRUCTION/BID DOCUMENTS SHALL BE DIRECTED TO AYODEJI O. AJOSE-ADEOGUN, P.E. AT PREBLE-RISH, INC. CONSULTING ENGINEERS 315 BEARD ST. TALLAHASSEE, FL 32303 (850)523-0062



MAR 23 2015
AYODEJI O. AJOSE-ADEOGUN, P.E.

DATE:

ISSUED FOR PERMITTING ONLY

March 12, 2015 07:26:07 EST
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GENERAL NOTES:

- 1) THE CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING PRIVATE AND PUBLIC UTILITIES, PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. EXISTING UTILITIES ARE APPROXIMATE AND BASED ON PREVIOUS DESIGN AND AS-BUILTS. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF ANY AND ALL UTILITIES AS REQUIRED BY THE PLANS AND UTILITY COMPANIES, TO CONSTRUCT THE PROPOSED IMPROVEMENTS. UNLESS OTHERWISE STATED, CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE COST OF SAID RELOCATION. IF NECESSARY CONTRACTOR SHALL ALSO NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL (800-432-4770) AT LEAST 2 FULL DAYS PRIOR TO EXCAVATION OR DEMOLITION. NOTE NOT ALL UTILITIES ARE UNDER THIS PROGRAM SO CONTRACTOR SHALL ENSURE TO THE BEST EXTENT CONTACT WITH ACTUAL COMPANIES.
- 2) ALL SOIL ON SITE SHALL BE TESTED BY A GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS FOR ANY UNSUITABLE SOIL THAT IS FOUND ON SITE. CONTRACTOR WILL COORDINATE WITH THE OWNER AND GEOTECHNICAL ENGINEER. CONTRACTOR SHALL ENSURE THAT TESTING IS DONE FOR THE SOILS, ASPHALT, AND BASE. THE TESTING SHALL BE IN PLACE TESTING SHALL BE PERFORMED BY A FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) CERTIFIED TESTING LABORATORY.
- 3) MINIMUM COMPACTION SHALL BE PROVIDED FOR THE PROPOSED BUILDING LOCATIONS AND SURROUNDING AREAS BY THE GEOTECHNICAL ENGINEER. ANY BORROW MATERIAL SHALL, IF REQUIRED, BE PROVIDED BY THE CONTRACTOR BASED ON GEOTECHNICAL FINDINGS AND RECOMMENDATIONS. CONTRACTOR SHALL UTILIZE SUITABLE SOIL ON SITE FOR ANY BORROW MATERIAL. FOLLOWING FINAL GRADING, ANY STOCKPILED TOPSOIL SHALL BE SPREAD OVER DISTURBED AREAS OR OWNERS PROPERTY AS NEEDED. THE SOIL SHALL BE STABILIZED WITH SOD TO PREVENT EROSION ON SITE.
- 4) WHERE REFERENCE IS MADE TO A STANDARD INDEX OR DETAIL, THE F.D.O.T. DESIGN STANDARDS, 2014 EDITION, SHALL BE UTILIZED AS IF A PART OF THESE PLANS. CONTRACTOR CAN SUBSTITUTE FOOT ITEMS FOR THE INFRASTRUCTURE CONSTRUCTION; ANY SUBSTITUTIONS SHALL HAVE A 50 YEAR LIFESPAN. CONTRACTOR/OWNER WILL BE REQUIRED TO PROVIDE DESIGNS OR VERIFICATION OF SUBSTITUTE. ALL SIGNS REFERED TO IN THE PLANS SHALL BE IN ACCORDANCE WITH MUTCD (MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES) LATEST EDITION. ALL STRUCTURES SHALL HAVE OPENINGS SIMILAR TO THOSE NOTED IN THE FDOT INDEX.
- 5) UNLESS OTHERWISE INDICATED OR DETAILED ON THE PLANS OR IN THE SPECIFICATIONS, THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, SHALL BE THE GOVERNING SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION FOR THE SITE WORK.
- 6) THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL ALSO MAINTAIN EROSION CONTROL DEVICES DURING CONSTRUCTION TO PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE AND. THE EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL (SWPP) PLANS ARE THE MINIMUM REQUIRED AND SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. ADDITIONAL EROSION CONTROLS MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR TO CONTROL SEDIMENTS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL STORMWATER RUNOFF SHALL BE CONTROLLED DURING THE COURSE OF CONSTRUCTION IN SUCH A MANNER AS TO PREVENT DAMAGE OR DETRIMENTAL HARM TO WETLAND ON SITE. ALSO, THE CONTRACTOR SHALL REFER TO THE "FLORIDA STORMWATER EROSION AND SEDIMENT CONTROL INSPECTORS MANUAL" FOR ADDITIONAL EROSION CONTROL MEASURE AND ALTERNATIVES. CONTRACTOR SHALL SEEK APPROVAL FROM THE CITY OF APALACHICOLA DEPARTMENT OF DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT AND ENGINEER OF RECORD FOR ANY SUBSTITUTIONS TO THE EROSION CONTROL MEASURES.
- 7) ALL DISTURBED AREAS ON PROJECT SITE SHALL BE SODDED, UNLESS OTHERWISE NOTED ON THE PLANS. DISTURBED AREAS OUTSIDE THE SILT FENCED PERIMETER SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADE IS ACHIEVED. ALL DISTURBED AREAS TO BE LEFT IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH QUICK GROW SEED AND MULCH. THE CONTRACTOR SHALL WARRANTY FOR A MINIMUM OF 1 YEAR AFTER ACCEPTANCE (OR LONGER AS SPECIFIED ELSEWHERE).
- 9) CONTRACTOR SHALL CUT & PATCH ALL ROADS IN ACCORDANCE WITH THE FDOT STANDARDS AND TALQUIN STANDARD. AS REQUIRED FOR UTILITY INSTALLATIONS IF REQUIRED. ALL PERMITS SHALL BE SECURED FOR WORK IN THE FDOT RIGHT OF WAY BEFORE CONSTRUCTION.
- 10) ALL CONCRETE SHALL BE 3,000 PSI MINIMUM, UNLESS OTHERWISE NOTED OR SPECIFIED.
- 11) AS-BUILTS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND OWNER. IF THE AS-BUILT SURVEY INDICATES AN AREA OF INCOMPLETE OR UNACCEPTABLE WORK, THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING THE NECESSARY REPAIRS, AS DIRECTED BY THE ENGINEER, OR CITY OF APALACHICOLA. CONTRACTOR WILL BE REQUIRED TO PROVIDE UPDATED AS-BUILTS TO DEMONSTRATE COMPLIANCE WITH THE PLANS AND PERMITS. ALL FINAL AS-BUILT SURVEYS ARE REQUIRED TO BE CERTIFIED BY A FLORIDA REGISTERED PROFESSIONAL. AS-BUILTS WILL BE NEEDED TO CLOSE OUT PROJECT.

CONSTRUCTION SEQUENCE:

1. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER, CITY OF APALACHICOLA INSPECTOR, UTILITY COMPANIES, ENGINEER AND ALL OTHER PARTIES REQUIRED FOR COMMENCEMENT OF PROJECT. THIS MEETING SHALL TAKE PLACE PRIOR TO COMMENCEMENT OF ANY PROJECT RELATED ACTIVITIES. AT THIS TIME PRIOR TO ANY CONSTRUCTION THE PERMIT MUST BE POSTED WITHOUT NAILING TO ANY TREE ON SITE. THE NAME AND PHONE NUMBER OF THE SEDIMENT AND EROSION CONTROL OFFICER SHALL BE PROVIDED AT THE PRE CONSTRUCTION MEETING TO THE CITY OF APALACHICOLA.
2. THE CONTRACTOR SHALL ENSURE THAT A FOREMAN OR SUPERVISOR WHO HAS BEEN CERTIFIED UNDER FLORIDA STORMWATER, EROSION, AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM IS AVAILABLE IN PERSON OR BY TELEPHONE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. CONSTRUCTION SHALL NOT COMMENCE UNTIL INFORMATION (NAME AND PHONE NUMBER) OF CERTIFIED STORMWATER EROSION AND SEDIMENT CONTROL INSPECTOR HAS BEEN SENT TO THE CITY.
3. PRIOR TO CLEARING, A SILT FENCE BACKED WITH 4" HOG WIRE FENCE (TRENCHED 8 INCHES DEEP AND BACKFILLED ON THE UPHILL SIDE), SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE AS SHOWN ON THE PLANS. SILT FENCE MUST NOT BE TRENCHED WITHIN THE CPZ OF ANY TREES TO BE PROTECTED. EROSION CONTROL SHOWN ON PLANS IS REQUIRED. ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED DURING ANY PHASE OF THE DEVELOPMENT, AT THE DISCRETION OF THE CITY OF APALACHICOLA INSPECTOR. THE CITY OF APALACHICOLA DEPARTMENT OF DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT INSPECTOR MAY REQUIRE ADDITIONAL MEASURES TO PREVENT ADDITIONAL EROSION CONTROL. CONTRACTOR SHALL PROVIDE OUTLET PROTECTIONS FOR SEDIMENTS THAT MAY ENTER THE EXISTING STORMWATER FACILITY. CONTRACTOR CAN USE ADDITIONAL ALTERNATIVE TO PREVENT SEDIMENTS ENTERING THE POND. NO SITE ACTIVITIES SHALL IMPACT THE OFF SITE WETLANDS. CONTRACTOR WILL BE RESPONSIBLE FOR ANY IMPACTS TO THE WETLANDS.
4. DURING THE CLEARING, GRUBBING AND SITE GRADING STAGES, AREAS THAT ARE DISTURBED MORE THAN 7 DAYS SHALL BE STABILIZED WITH RYE GRASS APPLIED AT MANUFACTURER'S RECOMMENDATIONS. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 4,000 POUNDS OF STRAW PER ACRE. ALL EXPOSED SLOPES THAT ARE EQUAL TO OR GREATER THAN 5%, AN EROSION BLANKET SHALL BE UTILIZED UNTIL THE AREA ACHIEVES FINAL STABILIZATION. TO LIMIT THE AMOUNT OF EROSION ON SITE CONTRACTOR SHALL CLEAR SITE AS NEEDED.
5. AFTER THE INITIAL SITE GRADING WORK, ALL PROPOSED INLET(S)/OUTFALLS, ONCE INSTALLED, SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF FILTER FABRIC (WITH THE SAME INSTALLATION AS ABOVE). DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR ARE TO BE LEFT IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH PERMANENT SEED OR OTHER PERMANENT STABILIZATION METHODS. SEEDING SHALL BE THE SAME AS IN TEMPORARY SEEDING.
6. TEMPORARY SEEDING SHALL BE RYE GRASS APPLIED AT MANUFACTURER'S RECOMMENDATIONS TO ANY DISTURBED AREAS THAT ARE INACTIVE MORE THAN 7 DAYS. SOD SHALL BE USED TO STABILIZE THE STORMWATER DISCHARGE SWALE. FILTER FABRIC SHALL BE PLACED UNDER STORMWATER DISCHARGE SWALE OUTFALL.
7. CLEAR THE REMAINING PORTION OF THE SITE, INCLUDING ACCESS DRIVES, AND CREATE DIVERSION CHANNELS IF NECESSARY TO DIRECT STORM WATER FLOW TO THE CONVEYANCE SYSTEM. CONSTRUCT HAY BALE CHECK DAMS WHERE NEEDED TO TRAP SEDIMENT BEFORE IT REACHES THE CONVEYANCE SYSTEM.
8. CONSTRUCT ALL UNDERGROUND UTILITIES SUCH AS SANITARY SEWER AND WATER SERVICES TO THE SITE.
- 9.

10. CARE SHALL BE TAKEN TO ASSURE THE REMOVAL OF ACCUMULATED FINE SEDIMENTS AND THAT THE EXCESSIVE COMPACTION OF SOIL BY CONSTRUCTION MACHINERY IS AVOIDED. INLET(S)/OUTFALLS SHALL BE PROTECTED WITH FILTER FABRIC AND PROPERLY INSTALLED HAY BALES (WITH THE SAME INSTALLATION AS INDICATED ABOVE).
11. ALL SEDIMENT IS TO BE CAPTURED ON THE PROJECT SITE. ANY SEDIMENT ESCAPING THE PROJECT SITE WILL BE REQUIRED TO BE REMOVED AND RESTORED INCLUDING THE TRACKING OF SOIL ON STREETS. CONTRACTOR WILL BE RESPONSIBLE FOR ANY SEDIMENT ENTERING THE WETLAND AND WILL BE RESPONSIBLE FOR ITS REMOVAL.
12. DAILY SWEEPING WILL BE REQUIRED ON THE PROPERTY AND IMMEDIATELY AFTER STORM EVENTS TO PREVENT TRACKING OF SEDIMENT ON TO STREETS AND RIGHT OF WAY.
13. WHERE NEEDED DURING CONSTRUCTION, 2' SOIL DIVERSION BERMS SHALL BE CONSTRUCTED TO INTERCEPT AND DIRECT STORM RUNOFF TO THE ON-SITE STORMWATER INLETS.
14. THE STORMWATER CONTROL OFFICER WITH THE AUTHORITY OF DAY TO DAY OPERATIONS WILL BE PROVIDED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONSTRUCTION SHALL NOT TAKE PLACE UNTIL A STORMWATER CONTROL OFFICER HAS BEEN PROVIDED TO CITY OF APALACHICOLA.
15. LANDSCAPING IS REQUIRED FOR THIS PROJECT. IN THE EVENT ANY DAMAGE OCCURS TO ANY TREES ON SITE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF TREES IN ACCORDANCE WITH CITY OF APALACHICOLA REQUIREMENTS. PLACE SOD OR GRASS AND MULCH ALL REMAINING DISTURBED AREAS OF THE SITE.
16. REMOVE ALL SEDIMENT/EROSION CONTROL DEVICES. REMOVE AND DISTRIBUTE ANY REMAINING SEDIMENT. ASSURE THAT DISTRIBUTE SEDIMENT WILL NOT BE REDISTRIBUTED.
17. TWO WEEKS PRIOR TO FINAL INSPECTION, THE CONTRACTOR SHALL HAVE A WALK THROUGH WITH THE ENGINEER AND A PUNCH LIST SHALL BE PREPARED. ONCE ALL PUNCH LIST ITEMS ARE ADDRESSED TO SATISFY THE ENVIRONMENTAL PERMIT CONTRACTOR SHALL ALSO SCHEDULE A WALK THROUGH WITH THE OWNER, ENGINEER AND CITY OF APALACHICOLA UPON COMPLETION.
18. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH MINIMUM OF SIX (6) COPIES OF A SIGNED AND SEALED AS-BUILT SURVEY TO VERIFY THE INSTALLATION OF ALL INFRASTRUCTURE, STORMWATER FACILITY AND ASSOCIATED CONVEYANCES, LANDSCAPE IMPROVEMENTS ACCORDING TO THE CITY OF APALACHICOLA.
20. FILE SIGNED AND SEALED RECORD DRAWINGS AND STORM WATER COMPLIANCE REPORT WITH THE CITY OF APALACHICOLA TWO WEEKS PRIOR TO REQUESTING A CLOSE OUT OF THE PROJECT.

MAINTENANCE AND INSPECTION SCHEDULE

- 1) EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EVERY 1/2" RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- 2) MAINTENANCE SHALL BE PERFORMED ON THE ROCK ENTRANCE AT NORTH MONROE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT.
- 3) HAY BALES SHALL BE USED IN AREAS WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. INSPECTION OF THE HAY BALES SHALL TAKE PLACE IMMEDIATELY AFTER EACH RAINFALL AND ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- 4) INLET(S)/OUTFALLS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REQUIRED REPAIRS TO THE HAY BALES, SILT FENCE, OR FILTER FABRIC SHALL BE PERFORMED IMMEDIATELY.
- 5) BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED OR SODDED SHALL BE RESEEDED OR RESODDED PER MANUFACTURERS' INSTRUCTIONS.
- 6) MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY. IF NEEDED CONTRACTOR SHALL PIN SOD ON SLOPES STEEPER THAN 4:1
- 7) MAINTAIN ALL OTHER AREAS OF THE SITE WITH PROPER CONTROLS AS NECESSARY OR REQUIRED BY CITY OF APALACHICOLA.
- 8) IF PROPOSED EROSION AND SEDIMENTATION CONTROLS ARE FOUND INEFFECTIVE OR IN NEED OF MAINTENANCE, THE CITY OF APALACHICOLA DEPARTMENT OF DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT ENVIRONMENTAL INSPECTOR MAY DIRECT INSTALLATION OF ADDITIONAL MEASURES TO PROTECT THE ENVIRONMENT. THE ENGINEER SHALL FURNISH THE CONTRACTOR WITH INFORMATION PERTAINING TO THE CONSTRUCTION, OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL PRACTICES PER FLORIDA ADMINISTRATIVE CODE CHAPTER 62-25.025(7).

CONTRACTOR SHALL CONTROL EROSION WITHIN THE PROJECT LIMITS SUCH THAT THERE ARE NO NEGATIVE IMPACTS DOWNSTREAM OF THE PROJECT DUE TO UNCONTROLLED EROSION OR SEDIMENTATION. SHOULD ADDITIONAL BMP'S BE REQUIRED TO CONTROL EROSION AND SEDIMENTATION OF THE WETLAND AND EXISTING SWMF, THE CONTRACTOR SHALL PROVIDE THE AGENT WITH A SUPPLEMENTARY STORMWATER POLLUTION PROTECTION PLAN WITH APPROPRIATE BMP'S PLACED AS NEEDED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESCAPE OF SEDIMENT FROM THE SITE AND SHALL BE HELD RESPONSIBLE FOR ANY AND ALL IMPACTS RESULTING FROM SUCH EVENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF DOWNSTREAM IMPACTS DUE TO THE RELEASE OF SEDIMENTS FROM THE SITE INCLUDING BUT NOT LIMITED TO SEDIMENTATION AND EROSION THAT MAY RESULT FROM THE BUILDUP OF SUCH SEDIMENTS DOWNSTREAM OF THE PROJECT. CONTRACTOR SHALL FULLY BEAR THE FINANCIAL COST OF ANY PENALTIES OR FINES RESULTING FROM SUCH EVENTS.

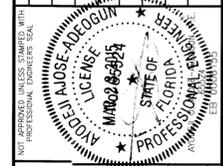
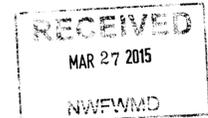
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PREBLE-RISH INC
CONSULTING ENGINEERS AND SURVEYORS
CIVIL • SURVEYING • SITE PLANNING
315 BEARD ST., TALLAHASSEE, FL 32303
(850) 523-0062

SCALE: N.T.S.
DESIGNED: A.O.A.
DRAWN: BDAHLEN
CHECKED: A.O.A.
DATE: March 2015

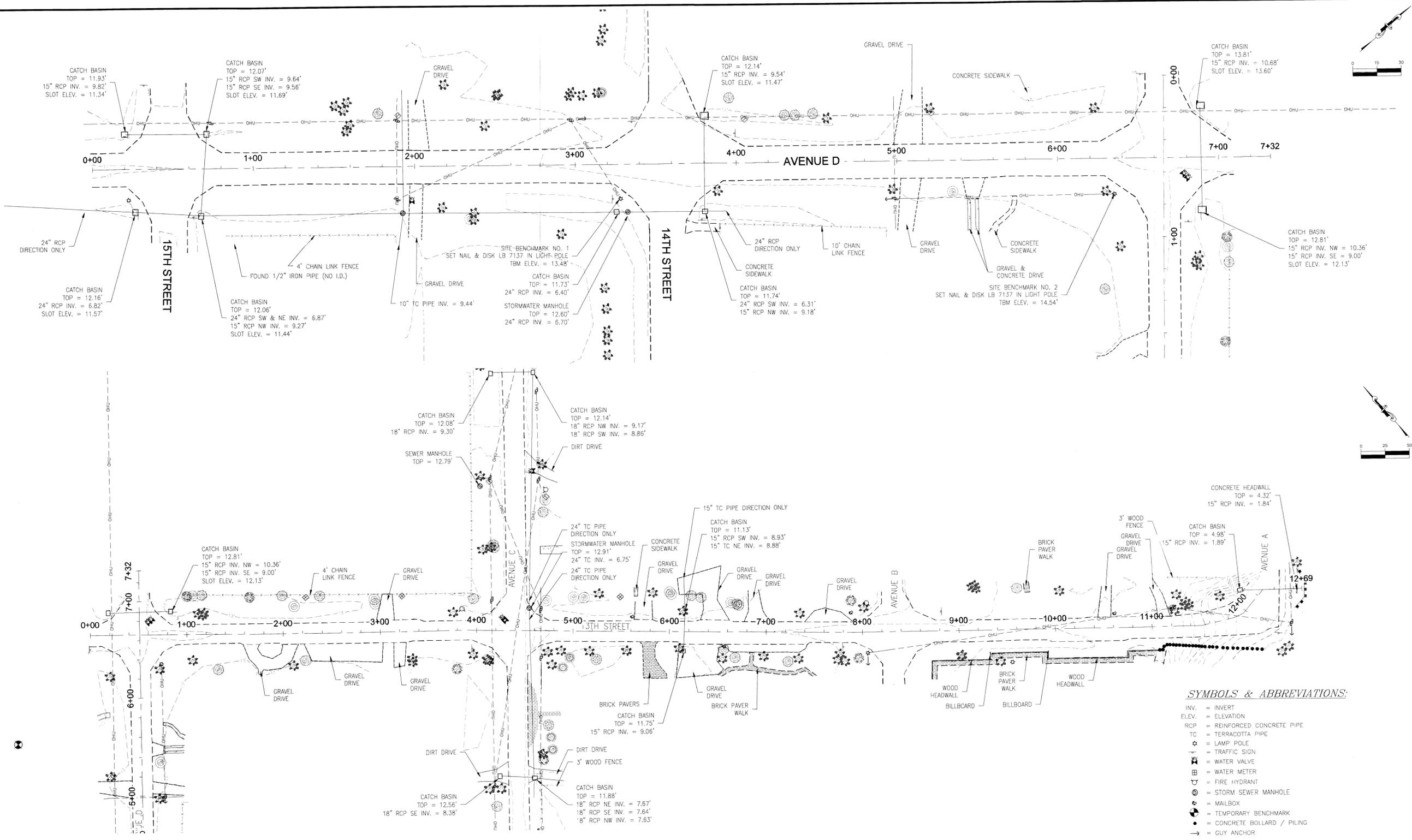
GENERAL NOTES
US 98 AND 16TH STREET
APALACHICOLA DRAINAGE AND
WATER QUALITY IMPROVEMENTS
FRANKLIN COUNTY, FLORIDA

PROJECT NO. 219.008
SHEET C2



March 12, 2015 07:59:37 EST
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March 12, 2015 (17:07:47 EST)
 K:\219.008 APALACHICOLA US98 & 16TH ST SW IMPROVEMENTS\CIVIL\FOLDER_1\PRODUCTION\EXISTING CONDITIONS.DWG



SOURCE BENCHMARK:
 1. FOUND 4" X 4" FDOT CONCRETE MONUMENT 49-99-A30HV - ELEVATION = 16.05'
 (NOT GRAPHICALLY SHOWN)

SITE BENCHMARKS:
 1. SET NAIL & DISK LB 7137 IN LIGHT POLE - ELEVATION = 13.48'
 2. SET NAIL & DISK LB 7137 IN LIGHT POLE - ELEVATION = 14.54'

SURVEYOR'S NOTES:
 1. SURVEY SHOWN HEREON IS REFERENCED TO FLORIDA STATE PLANE COORDINATES, NORTH ZONE, NAD 1983/90, U.S. SURVEY FEET.
 2. VERTICAL DATUM SHOWN HEREON IS REFERENCED TO NAVD 1988.
 3. THIS SURVEY, MAP, AND REPORT IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
 4. NO UNDERGROUND UTILITIES, UTILITY LINES, FOUNDATIONS, OR OTHER UNDERGROUND STRUCTURES HAVE BEEN LOCATED BY PREBLE-RISH, INC., EXCEPT AS SHOWN.
 5. DATE OF FIELD SURVEY:

SYMBOLS & ABBREVIATIONS:

- INV. = INVERT
- ELEV. = ELEVATION
- RCP = REINFORCED CONCRETE PIPE
- TC = TERRACOTTA PIPE
- ★ = LAMP POLE
- ⊠ = TRAFFIC SIGN
- ⊕ = WATER VALVE
- ⊕ = WATER METER
- ⊕ = FIRE HYDRANT
- ⊕ = STORM SEWER MANHOLE
- ⊕ = MAILBOX
- ⊕ = TEMPORARY BENCHMARK
- ⊕ = CONCRETE BOLLARD / PILING
- ⊕ = UTILITY POLE
- ⊕ = TELEPHONE BOX
- 10'--- = CONTOUR ELEVATION AT 1' INTERVALS
- OHU = OVERHEAD UTILITY LINE
- = EXISTING PINE TREE (DIAMETER SHOWN IN INCHES)
- = EXISTING OAK TREE (DIAMETER SHOWN IN INCHES)
- = EXISTING BAY TREE (DIAMETER SHOWN IN INCHES)
- = EXISTING MAGNOLIA TREE (DIAMETER SHOWN IN INCHES)
- = EXISTING CEDAR TREE (DIAMETER SHOWN IN INCHES)
- = EXISTING PALM TREE (DIAMETER SHOWN IN INCHES)
- = EXISTING TREE, TYPE UNKNOWN (DIAMETER SHOWN IN INCHES)
- = EXISTING ASPHALT PAVEMENT
- = EXISTING CONCRETE
- = EXISTING GRAVEL
- = EXISTING BRICK PAVERS

RECEIVED
 MAR 27 2015
 NWF/MAA

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PREBLE-RISH INC.
 CONSULTING ENGINEERS AND SURVEYORS
 CIVIL • SURVEYING • SITE PLANNING

20 E. WASHINGTON ST. SUITE 200
 BOYDTON, FL 32009
 (904) 227-7200

2010 W. WASHINGTON ST. SUITE 200
 BOYDTON, FL 32009
 (904) 227-7200

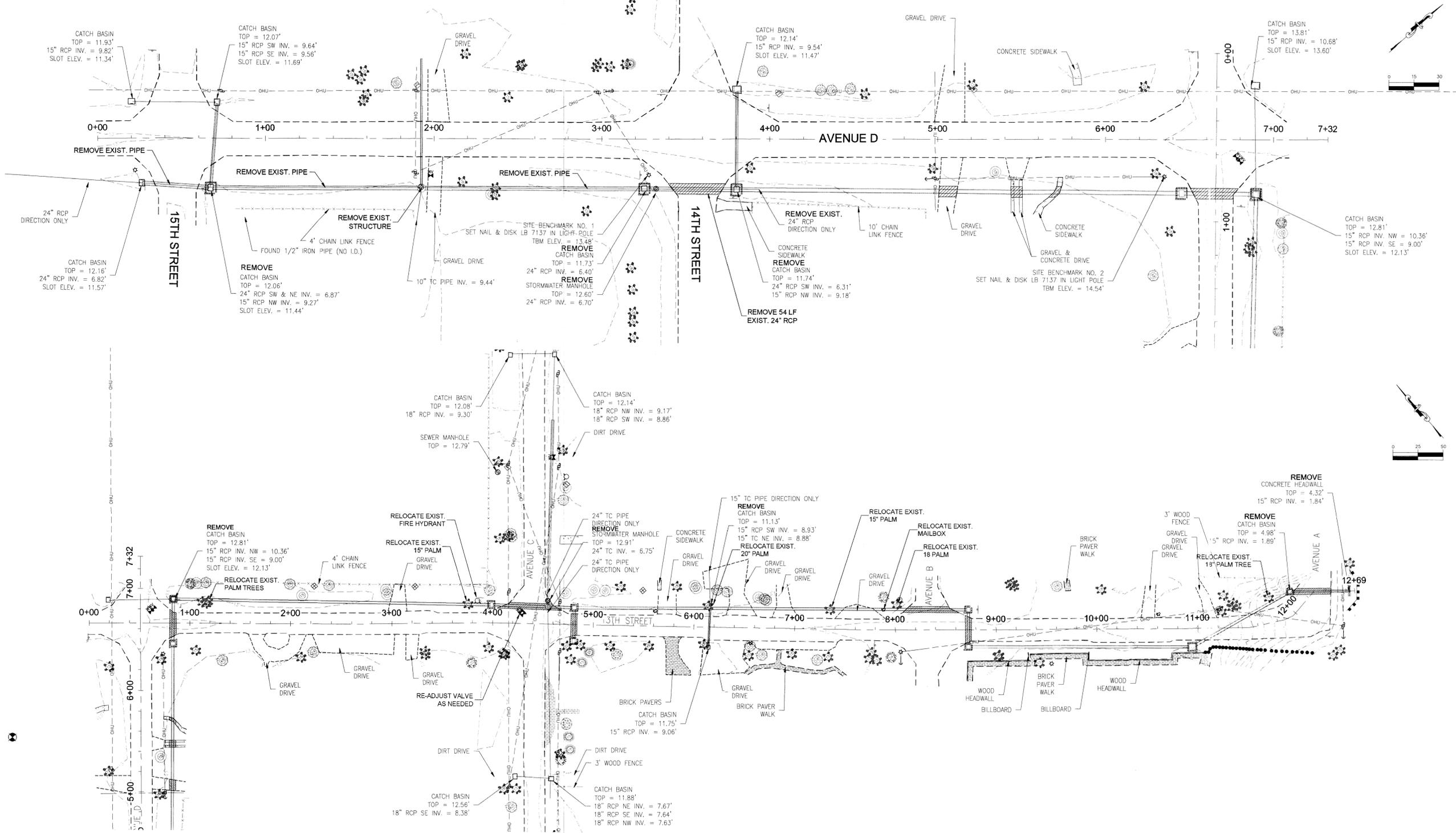
2010 W. WASHINGTON ST. SUITE 200
 BOYDTON, FL 32009
 (904) 227-7200

DATE: 08-20-14
 CHECKED: JF
 DRAWN: JF
 DESIGNED: AS SHOWN
 SCALE: AS SHOWN

EXISTING CONDITIONS
US 98 AND 16TH STREET
FRANKLIN COUNTY, FLORIDA

PROJECT NO. 219.008 SHEET C3

March 12, 2015 (17:07:47 EST)
 C:\219.008\APALACHICOLA\US98 & 16TH ST SW IMPROVEMENTS\CIVIL\335\FOLDERA_PRODUCTION\EXISTING_CONDITIONS.DWG



Tree Removal Calculations

Tree Nos.	Tree Diameter	Common Name	Scientific Name	Tree Debit
	18"	Oak Tree	Quercus	6
	15"	Palm Tree	Cocos Nucifera	
	10"	Palm Tree	Cocos Nucifera	
	18"	Palm Tree	Cocos Nucifera	
	20"	Palm Tree	Cocos Nucifera	
	15"	Palm Tree	Cocos Nucifera	
	15"	Palm Tree	Cocos Nucifera	
Total Debits				6

- DEMOLITION AND REMOVAL
- SILTFENCE
- INLET PROTECTION

RECEIVED
 MAR 27 2015
 NWEFWM

REVISION:

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PREBLER-ISH INC.
 CONSULTING ENGINEERS AND SURVEYORS
 CIVIL • SURVEYING • SITE PLANNING
 315 BEARD ST., TALLAHASSEE, FL 32303
 (850) 523-0062

SCALE: AS SHOWN	DESIGNED: A.O.A.	DRAWN: BDAHLEN	CHECKED: A.O.A.	DATE: March 2015
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DEMOLITION AND EROSION
 US 98 AND 16TH STREET
 APALACHICOLA DRAINAGE AND
 WATER QUALITY IMPROVEMENTS
 FRANKLIN COUNTY, FLORIDA

PROJECT NO. 219.008	SHEET C4
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STORMWATER POLLUTION PREVENTION PLAN:

1. SITE DESCRIPTION:
 A. CONSTRUCTION ACTIVITY: US98 & 16TH STREET
 PROJECT LIMITS: SEE SHEET C6-C7
 PROJECT DESCRIPTION: STORMWATER RESTORATION
 MAJOR SOIL DISTURBING ACTIVITIES: CLEARING AND GRUBBING OVER PROJECT LIMITS.

B. TOTAL PROJECT AREA: 18,963 SQUARE FEET OR 0.44 ACRES

C. (1) NAME OF RECEIVING WATERS: APALACHICOLA BAY

2. CONTROLS:
 NARRATIVE - SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS
 THE SOIL DISTURBING ACTIVITIES FOR THIS PROJECT ARE AS FOLLOWS: ONLY UPON PROPER PLACEMENT OF ALL EROSION CONTROLS CAN SOIL DISTURBING ACTIVITIES TAKE PLACE. HAY BALES AND SILT FENCE WILL BE USED LATERALLY AT SPECIFIED INTERVALS. HAY BALES SHALL BE USED TO PREVENT SEDIMENTATION FROM ESCAPING PROJECT LIMITS.

A. EROSION AND SEDIMENT CONTROLS:

(1) STABILIZATION PRACTICES:

- TEMPORARY SODDING
- TEMPORARY GRASSING
- X PERMANENT PLANTING, SODDING, OR SEEDING
- TEMPORARY MULCHING
- ARTIFICIAL COVERING
- BUFFER ZONES
- X PRESERVATION OF NATURAL RESOURCES

(2) STRUCTURAL PRACTICES:

- SAND BAGGING
- X SILT FENCES
- X HAY BALES
- X BERMS
- DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES
- PIPE SLOPE DRAINS
- FLUMES
- ROCK BEDDING AT CONSTRUCTION EXIT
- TIMBER BEDDING AT CONSTRUCTION EXIT
- DITCH LINER

- SEDIMENT TRAPS
- SEDIMENT BASINS
- STORM INLET SEDIMENT TRAP (ROCK BAGS)
- X STONE OUTLET STRUCTURES
- CURBS AND GUTTERS
- STORM SEWERS
- VELOCITY CONTROL DEVICES
- TURBIDITY BARRIER
- X RIP RAP

B. OTHER CONTROLS:

- (1) WASTE DISPOSAL: NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE
- (2) OFF SITE VEHICLE TRACKING:
 - HAIL ROADS DAMPENED FOR DUST CONTROL
 - X LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
 - X EXCESS DIRT ON ROAD REMOVED DAILY
 - X STABILIZED CONSTRUCTION ENTRANCE
- (3) SANITARY WASTE: N/A
- (4) FERTILIZERS AND PESTICIDES: FERTILIZERS AND/OR PESTICIDES SHALL BE APPLIED ACCORDING TO MANUFACTURERS RECOMMENDATIONS BY A LICENSED OR CERTIFIED APPLICATOR AS DIRECTED BY THE PROJECT ENGINEER.
- (5) NON-STORMWATER DISCHARGE (INCLUDING SPILL REPORTING): NO NON-STORMWATER DISCHARGES ARE ANTICIPATED.

C. APPROVED STATE, LOCAL PLANS, OR STORMWATER PERMITS: NWFWD GENERAL STORMWATER PERMIT AND CITY OF APALACHICOLA DEVELOPMENT ORDER.

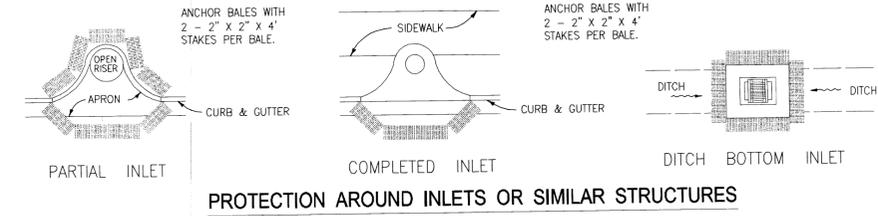
3. MAINTENANCE:
 ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN (7) CALENDAR DAYS AFTER THE SURROUNDING EXPOSED AREA HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT.
4. INSPECTION:
 ALL CONTROLS SHALL BE INSPECTED WEEKLY BY THE CONTRACTOR OR OWNER AS WELL AS AFTER 0.25" OR MORE OF RAIN. AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER EACH INSPECTION. BASED ON INSPECTION RESULTS THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORTS.

A. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER. TO COMPLY, THE COUNTY SHALL INSTALL AND MAINTAIN RAIN GAGES AND DAILY RAINFALL RECORDS. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE COUNTY SHALL ALSO INSPECT AND CERTIFY THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

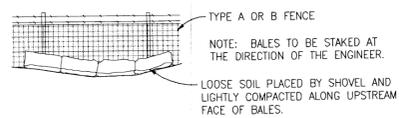
B. IN INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE COUNTY SHALL PROVIDE ADDITIONAL MEASURES, AS NEEDED.

C. RECORDS OF THE INSPECTION AND THE CONSTRUCTION PERMIT MUST BE MAINTAINED AT THE CONSTRUCTION SITE AND BE READILY AVAILABLE FOR INSPECTION.

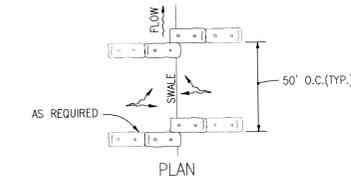
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER THE GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PRIOR TO START OF CONSTRUCTION OR ANY DISTURBANCE OF LAND GREATER THAN ONE ACRE. THE DEVELOPER/COUNTY WILL FORWARD A COPY OF THE PERMIT AND WILL PROVIDE 24 HOUR NOTIFICATION TO CITY OF APALACHICOLA AND NWFWD PRIOR TO COMMENCEMENT OF WORK. ALL REQUIRED ELEMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN MUST BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION. FAILURE TO COMPLY COULD RESULT IN CODE ENFORCEMENT ACTION AND FINES.



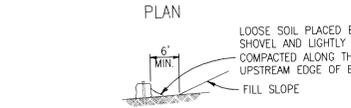
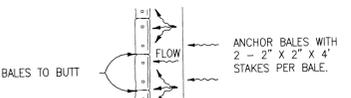
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



BALES BACKED BY FENCE

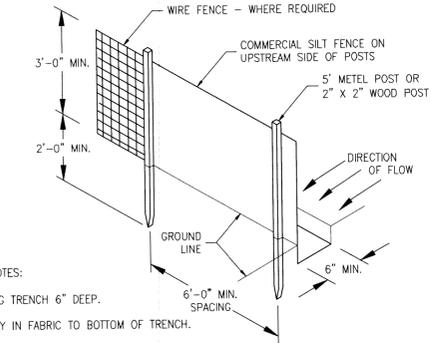


TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE



TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

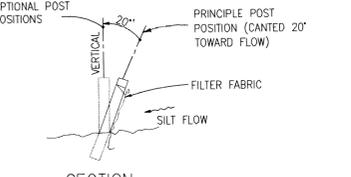
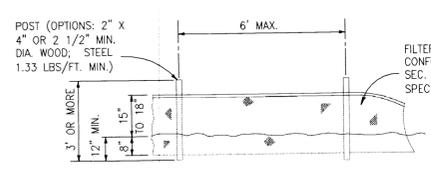
BARRIERS FOR FILL SLOPES



SILT FENCE

NOTES:
 1. DIG TRENCH 6" DEEP.
 2. LAY IN FABRIC TO BOTTOM OF TRENCH.
 3. BACK TRENCH, COVERING FABRIC.

SCALE: N.T.S.



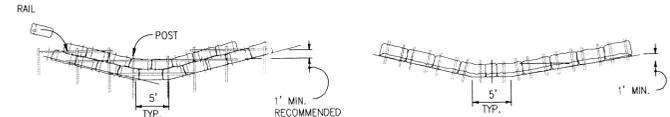
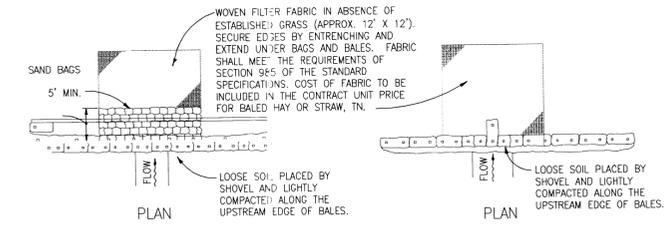
NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).

TYPE III SILT FENCE



NOTE: SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3.

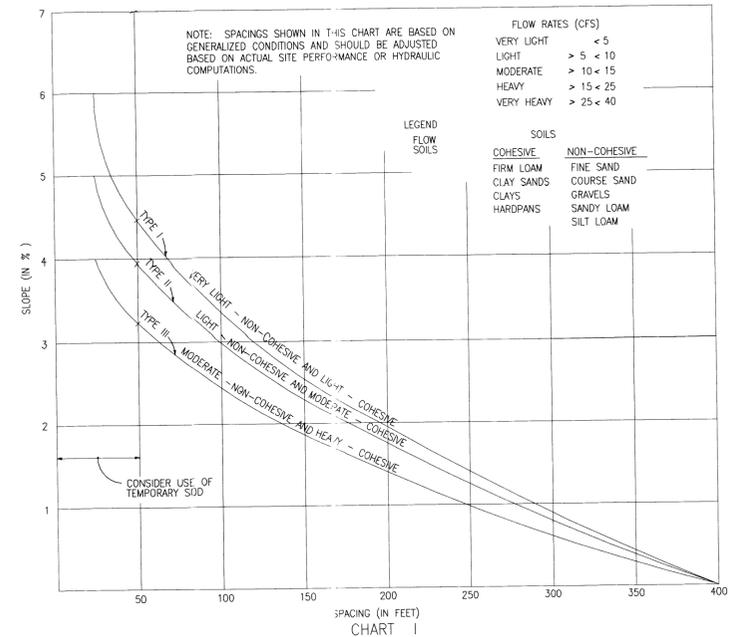
SILT FENCE APPLICATIONS



ANCHOR LOWER BALES WITH 2-2' x 2' x 4' STAKES PER BALE. ANCHOR TOP BALES TO LOWER BALES WITH 2-2' x 2' x 4' STAKES PER BALE

APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN THE CHART BELOW.

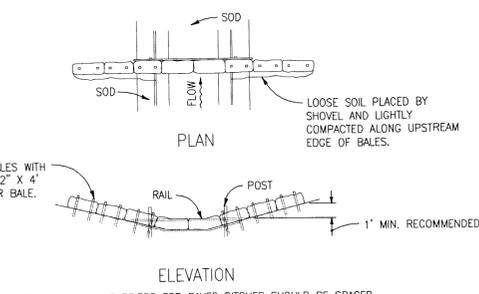
TYPE I & II BARRIER FOR UNPAVED DITCHES



RECOMMENDED SPACING FOR TYPE I AND TYPE II HAY BALE BARRIERS, AND TYPE III SILT FENCES

SPACING: BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH THE CHART BELOW

BARRIER FOR PAVED DITCH



NO. APPROVED FOR CONSTRUCTION WITH	DATE	APPR.
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PREBLE-RISH INC.
 CONSULTING ENGINEERS AND SURVEYORS
 CIVIL • SURVEYING • SITE PLANNING
 315 BEARD ST., TALLAHASSEE, FL 32303
 (850) 523-0062

SCALE: N.T.S. DESIGNED: A.O.A. DRAWN: BDAHLEN CHECKED: A.O.A. DATE: March 2015

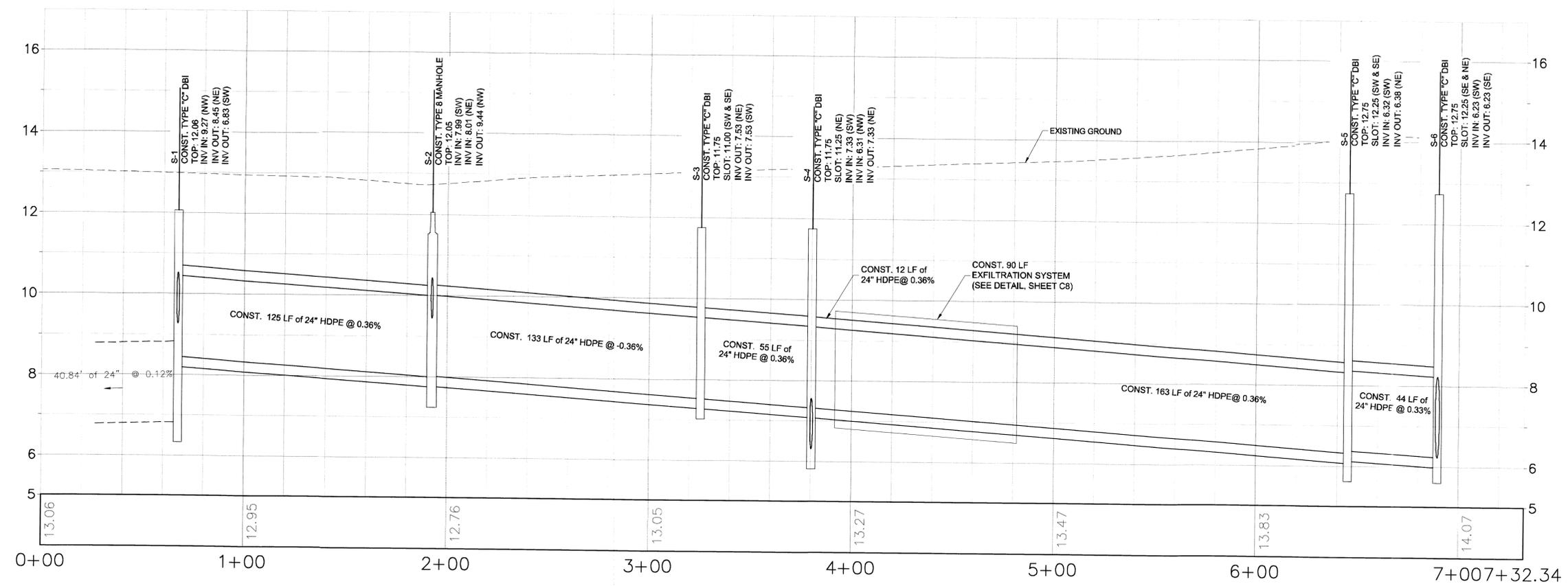
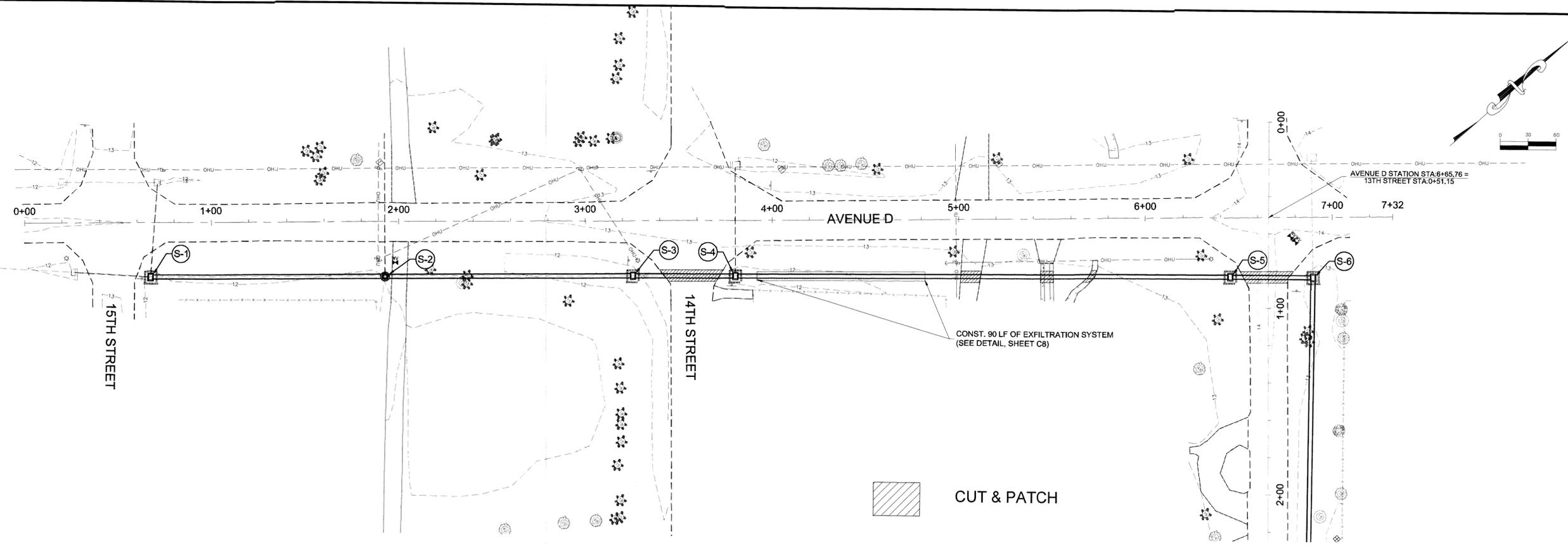
SWPPP
 US 98 AND 16TH STREET
 APALACHICOLA DRAINAGE AND
 WATER QUALITY IMPROVEMENTS
 FRANKLIN COUNTY, FLORIDA

PROJECT NO. 219.008 SHEET C5

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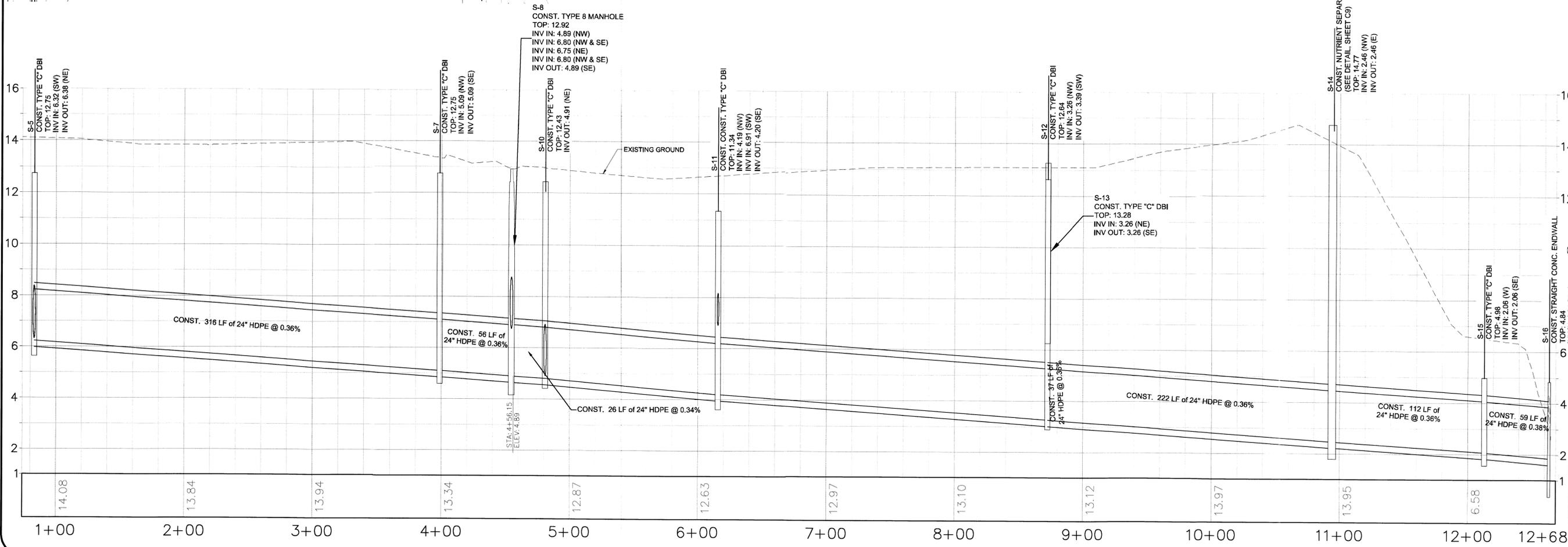
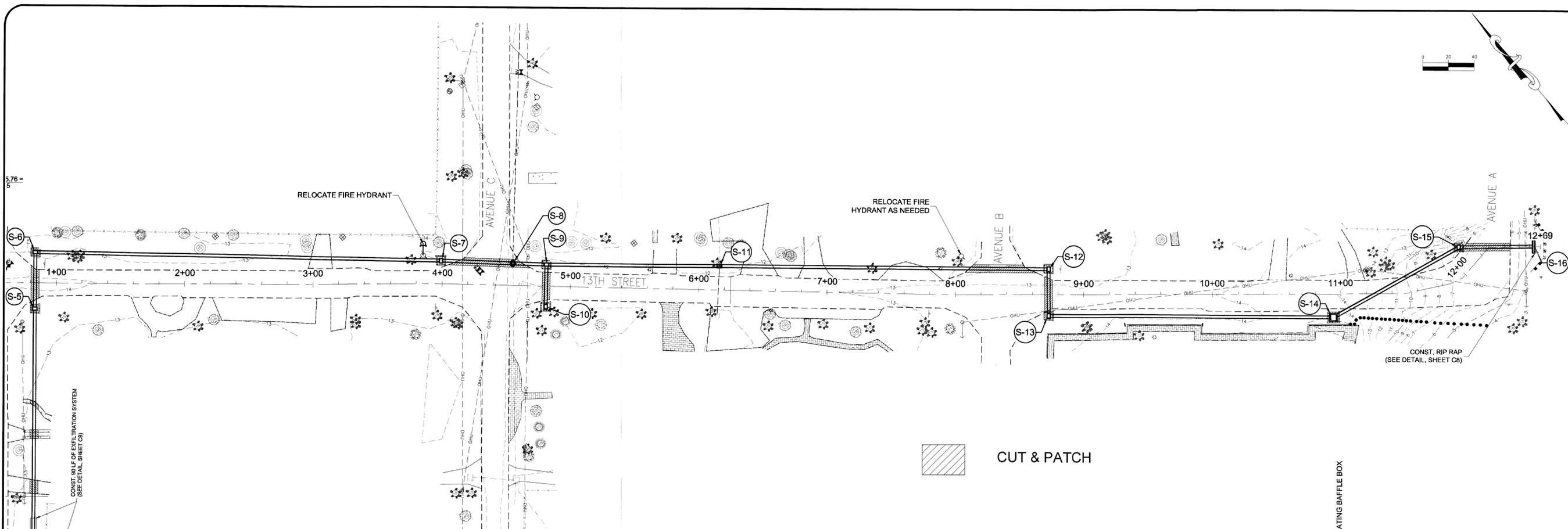
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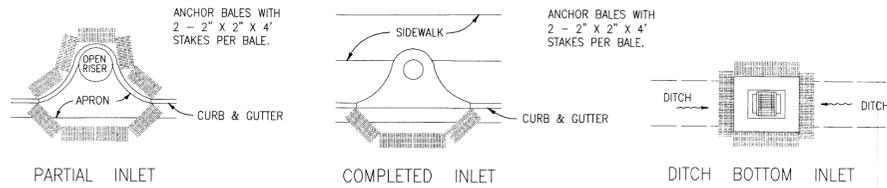
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CIVIL		SURVEYING • SITE PLANNING	
315 BEARD ST., TALLAHASSEE, FL 32303 (850) 523-0062			
SCALE: AS SHOWN	DESIGNED: A.O.A.	DRAWN: BDAHLEN	CHECKED: A.O.A.
			DATE: March 2015
PLAN & PROFILE (AVENUE D)		US 98 AND 16TH STREET APALACHICOLA DRAINAGE AND WATER QUALITY IMPROVEMENTS FRANKLIN COUNTY, FLORIDA	
PROJECT NO. 219.008	SHEET C6		

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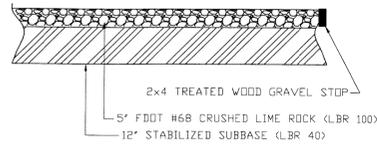
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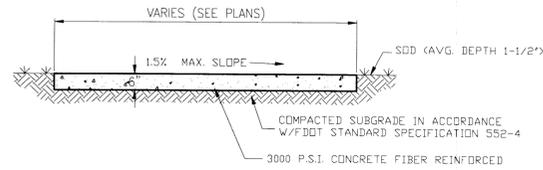
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NO.	DATE	APPR.																				
PLAN & PROFILE (13TH STREET) US 98 AND 16TH STREET APALACHICOLA DRAINAGE AND WATER QUALITY IMPROVEMENTS FRANKLIN COUNTY, FLORIDA PROJECT NO. 219.008 SHEET C7 DATE: MAR 27 2015																						



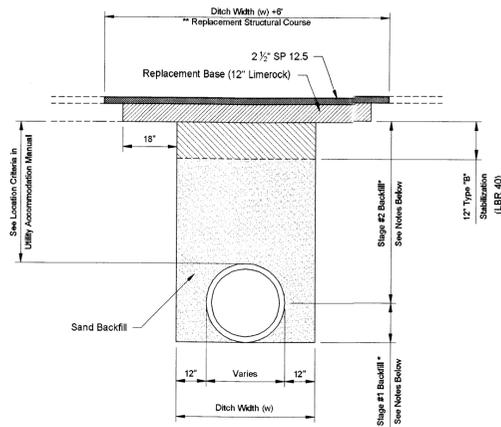
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
N.T.S.



GRAVEL DRIVEWAY DETAIL
N.T.S.



TYPICAL CONCRETE DRIVEWAY DETAIL
N.T.S.



FLEXIBLE PAVEMENT CUT
N.T.S.

PAVEMENT REMOVAL AND REPLACEMENT

Pavement shall be mechanically sawed.

The replacement asphalt shall be as noted above.

The new base materials shall be either of the same type and composition as the material removed or of equal or greater adequacy (see Index No. 514).

BACKFILL
COMPACTED AND STABILIZED FILL OPTION

Backfill material shall be placed in accordance with Section 125 of the Standard Specifications.

In Stage #1, construct compacted fill beneath the haunches of the pipe, using mechanical tamps suitable for this purpose. This compaction applies to the material placed beneath the haunches of the pipe and above any bedding.

In Stage #2, construct compacted fill along the sides of the pipe and up to the bottom of the base, with the upper 12\"/>

*** FLOWABLE FILL OPTION**

If compaction can not be achieved through normal mechanical methods then flowable fill may be used.

Flowable fill is to be placed in accordance with Section 121 of the Specifications, as approved by the Engineer.

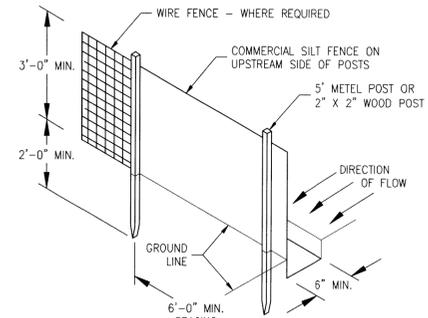
Do not allow the utility being installed to float. If a method is provided to prevent flotation from occurring, stages #1 and #2 can be combined, if approved by the Engineer.

In Stage #1, place flowable fill midway up on both sides of the utility. Allow to harden before placing Stage #2.

In Stage #2, place flowable fill to the bottom of the existing base course.

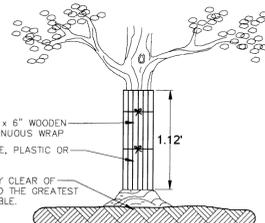
**** ASPHALT**

The thickness of the asphalt patch shall be twice as thick as the existing pavement with a minimum thickness of 2 1/2\"/>

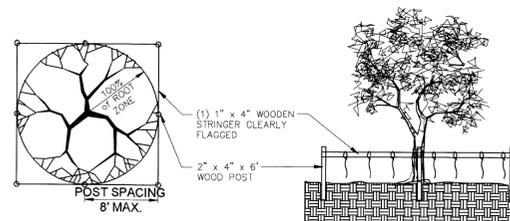


- NOTES:
1. DIG TRENCH 6\"/>

SILT FENCE
N.T.S.

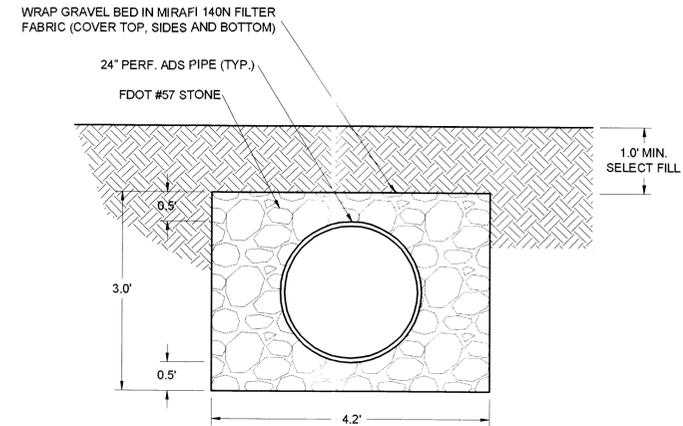


TREE TRUNK PROTECTION (PL2) DETAIL
N.T.S.

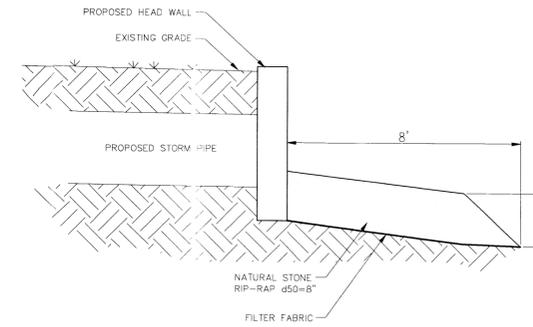


NOTE: THE TREE PROTECTION BARRIER SHALL BE PLACED SO AS TO PROTECT 100% OF THE PROTECTED TREES' ROOT ZONE AS POSSIBLE.

TREE PROTECTION (PL1) BARRICADE
N.T.S.



TYPICAL CROSS SECTION (EXFILTRATION SYSTEMS)
N.T.S.



- NOTES:
1. RIP-RAP WILL REMAIN AFTER CONSTRUCTION IS COMPLETE FOR ENERGY DISSIPATION.
 2. ALL SEDIMENT SHALL BE REMOVED FROM RIP-RAP AFTER CONSTRUCTION IS COMPLETE.
 3. OTHER AREAS DISTURBED BY CONSTRUCTION SHALL BE SODED.

RIP RAP DETAIL
N.T.S.

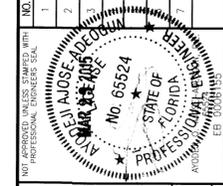
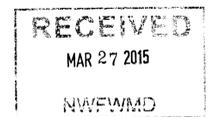
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(850) 523-0062

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DATE: March 2015

GENERAL DETAILS

US 98 AND 16TH STREET
APALACHICOLA DRAINAGE AND
WATER QUALITY IMPROVEMENTS
FRANKLIN COUNTY, FLORIDA

PROJECT NO. 219.008
SHEET C8



NO.	DATE	APPR.	REVISION
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Attachment E

Existing Conditions StormWise Nodes, Links,
and Basins Exhibit

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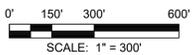
APALACHICOLA DRAINAGE
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CITY OF APALACHICOLA
FRANKLIN COUNTY

SEAL

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EB 0008794

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January 20, 2026 (13:09:19 EST)
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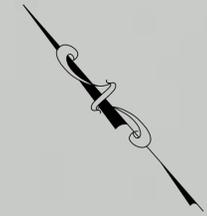
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		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14



Brothers River

Apalachicola



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PROJECT NO. 50182701

C1

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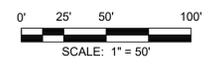
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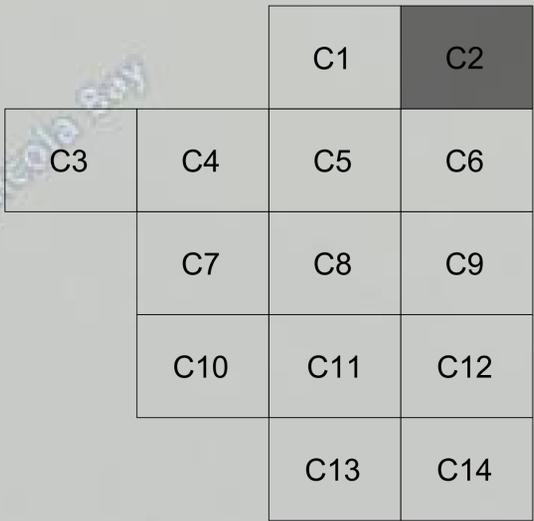
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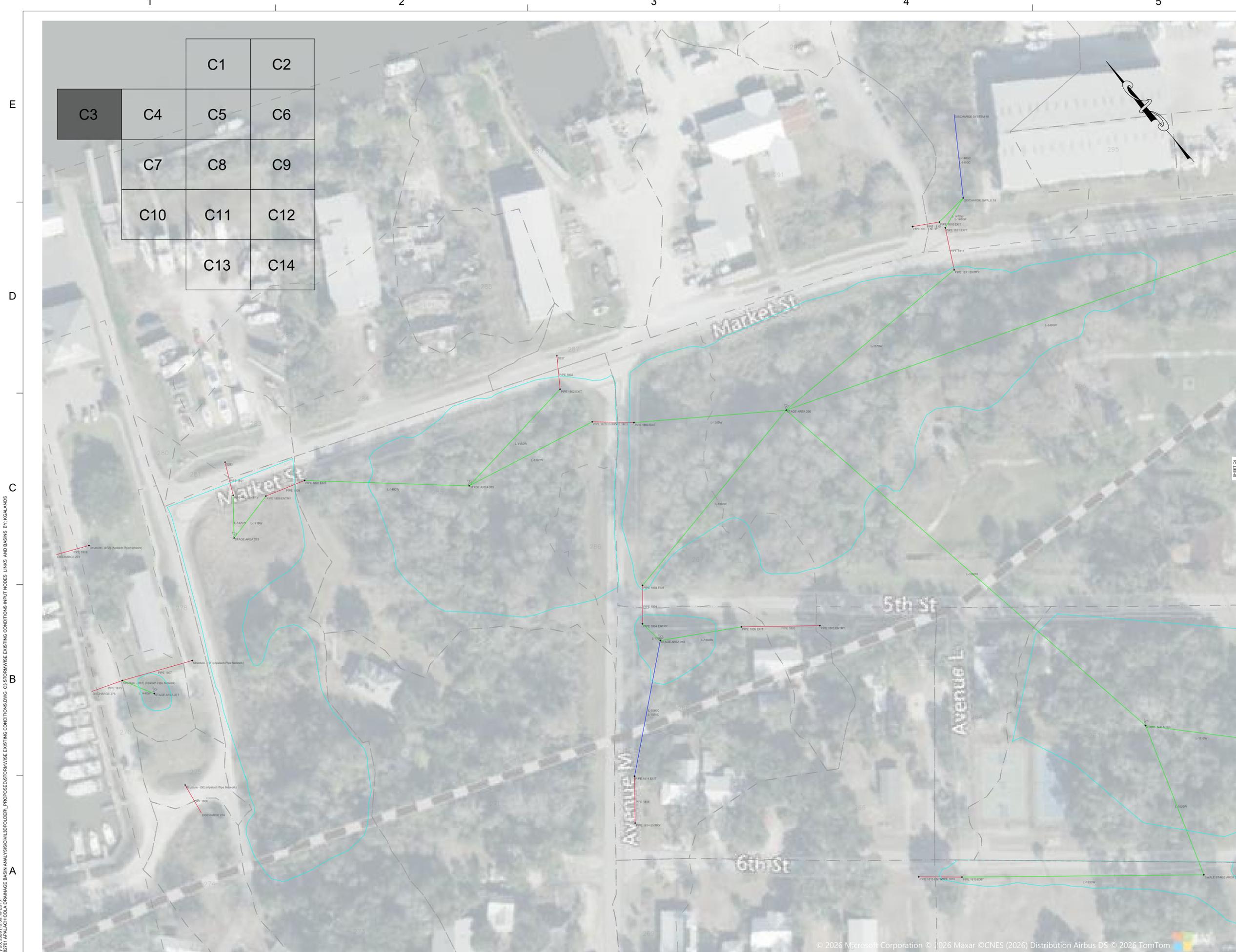
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C3	C4	C5	C6
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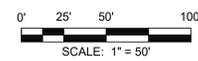
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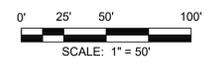
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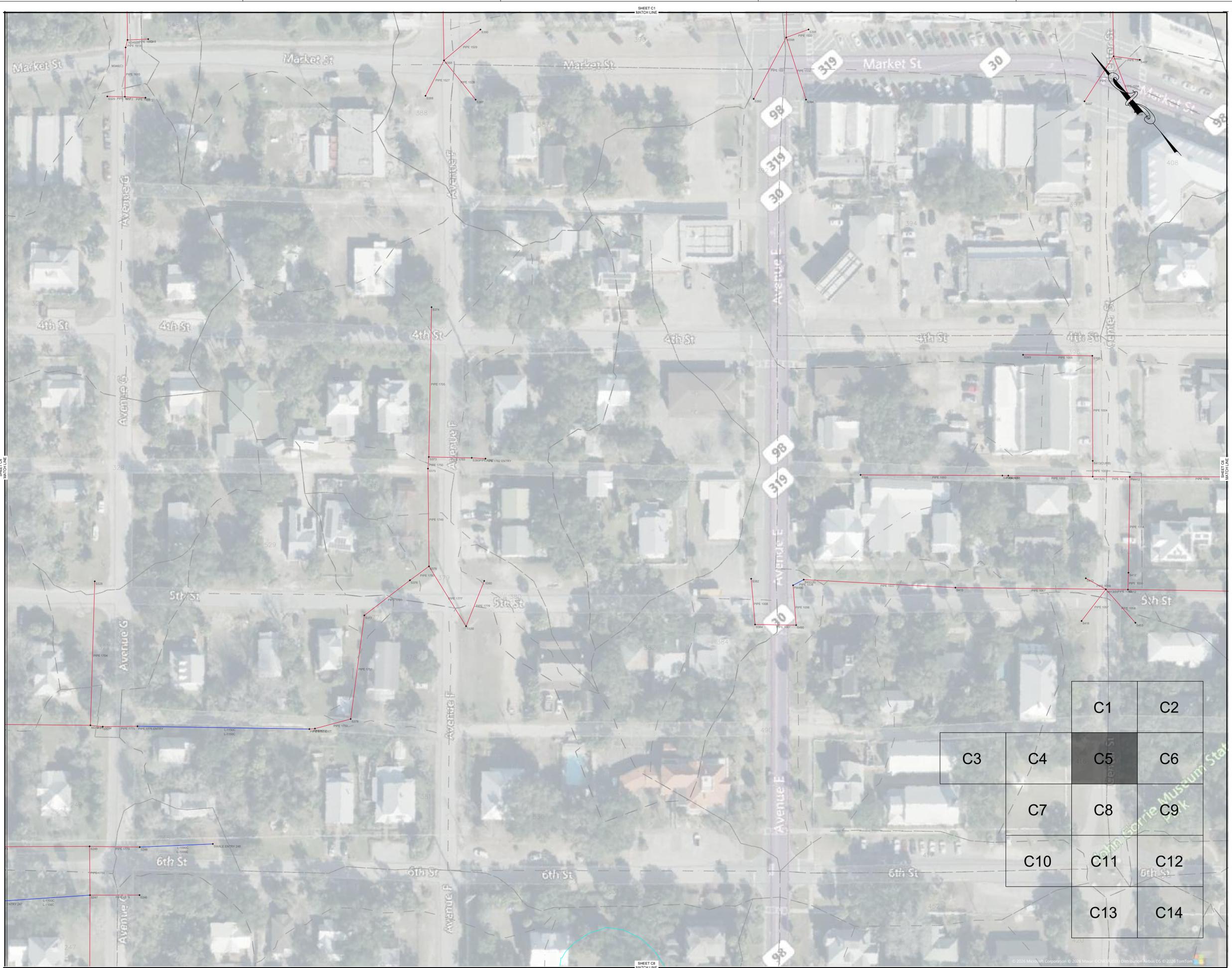
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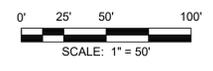
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Basin Analysis
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TITLE
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PROJECT NO. 50182701

C5

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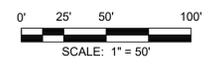
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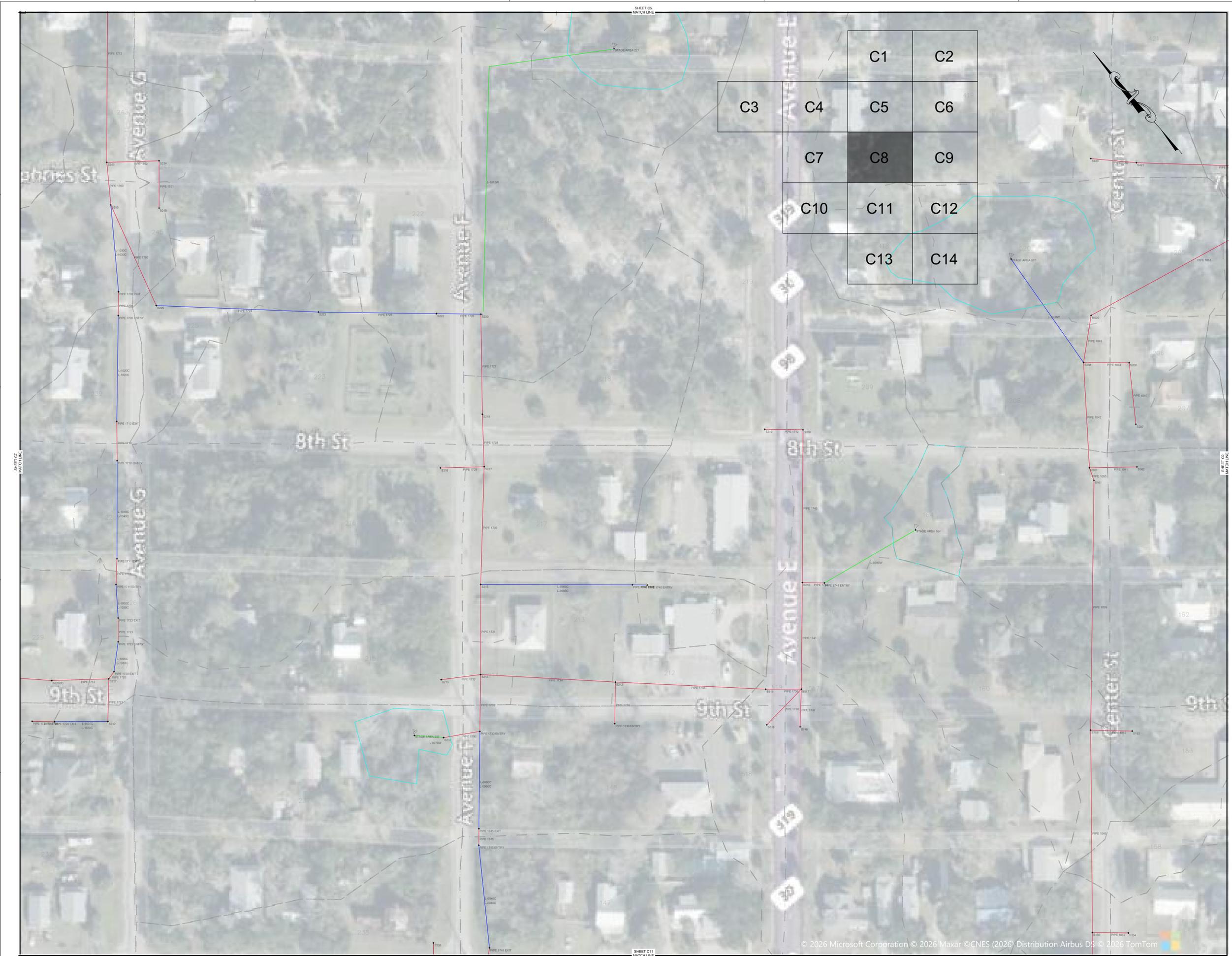
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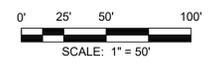
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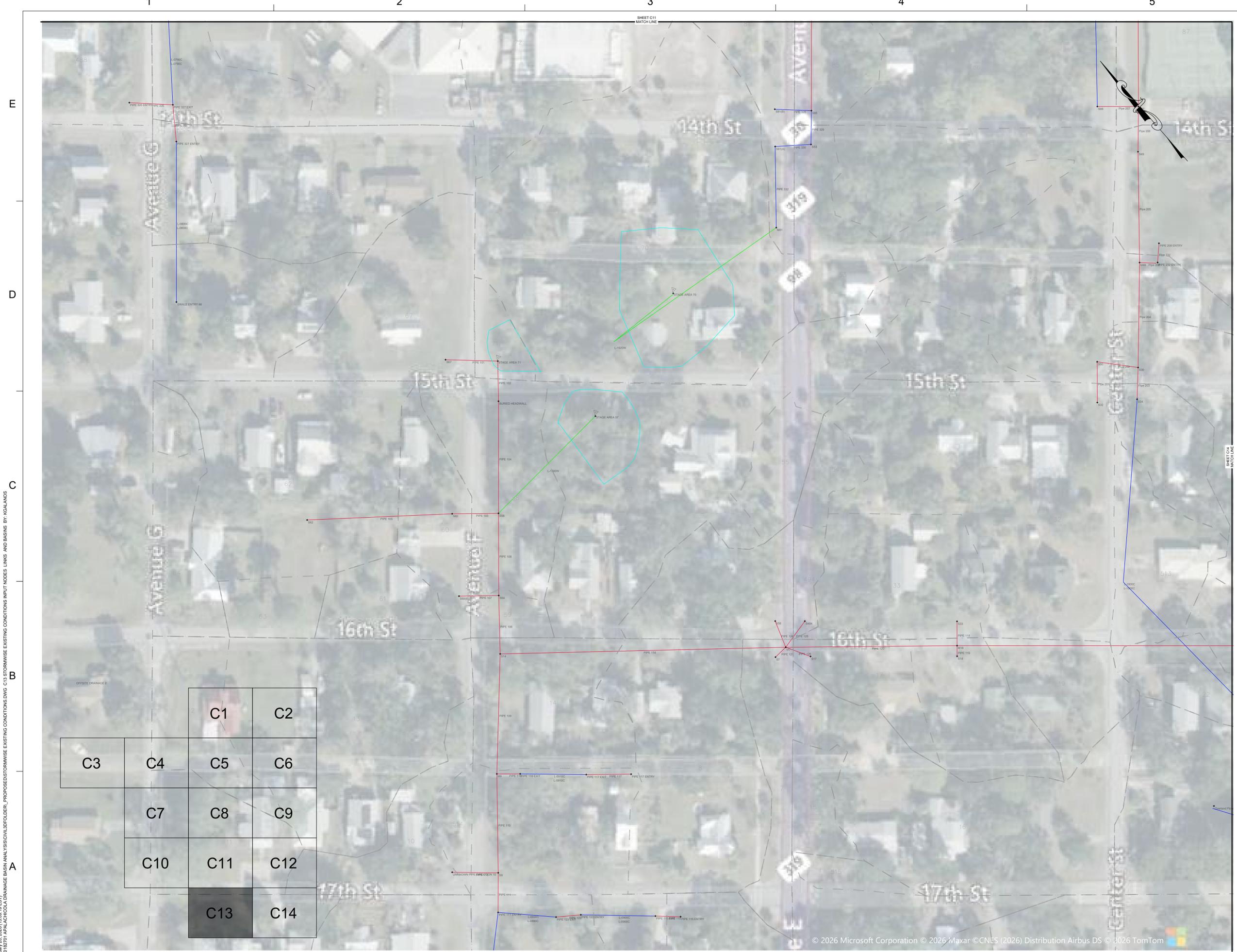
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BASINS**

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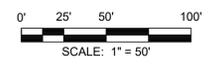
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	C10	C11	C12
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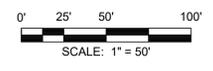
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DATE _____ JANUARY 2026

TITLE
**STORMWISE EXISTING
CONDITIONS INPUT
NODES, LINKS, AND
BASINS**

PROJECT NO. _____ 50182701

C14

SHEET NO.

Attachment F

Stormwise Inputs for Existing Conditions

Manual Basin: 1

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6804 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2806	PER	A/D			
0.3226	LOT	A/D			
0.0772	IMP	A/D			

Comment:

Manual Basin: 10

Scenario: Scenario1
 Node: UNKNOWN PIPE DIRECTION 10
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4184 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0678	IMP	A/D			
0.1498	PER	A/D			
0.1443	LOT	A/D			
0.0245	IMP	A			
0.0320	PER	A			

Comment:

Manual Basin: 100

Scenario: Scenario1
 Node: S100(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6313 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0846	IMP	A			
0.2663	PER	A			
0.4198	LOT	A			
0.3451	PER	A/D			
0.1063	IMP	A/D			
0.4092	LOT	A/D			

Comment:

Manual Basin: 101

Scenario: Scenario1
 Node: S101
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0601 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0124	LOT	A/D			
0.0303	PER	A/D			
0.0174	IMP	A/D			

Comment:

Manual Basin: 102

Scenario: Scenario1
 Node: S102
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 0.1329 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0184	IMP	A/D			
0.0587	PER	A/D			
0.0559	LOT	A/D			

Comment:

Manual Basin: 103

Scenario: Scenario1
 Node: S103
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1000 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0390	IMP	A/D			
0.0600	PER	A/D			
0.0011	LOT	A/D			

Comment:

Manual Basin: 104

Scenario: Scenario1
 Node: S104
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0598 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0389	IMP	A/D			
0.0208	PER	A/D			

Comment:

Manual Basin: 105

Scenario: Scenario1
 Node: S104
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3312 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1063	PER	A/D			
0.0115	IMP	A/D			
0.1347	LOT	A/D			
0.0030	IMP	A			
0.0343	PER	A			
0.0414	LOT	A			

Comment: POSSIBLE FLOOD AREA

Manual Basin: 106

Scenario: Scenario1
 Node: S89
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.7152 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0530	IMP	A/D			
0.2096	PER	A/D			
0.4858	LOT	A/D			
0.5925	LOT	A			
0.2636	PER	A			
0.1107	IMP	A			

Comment:

Manual Basin: 107

Scenario: Scenario1
 Node: S107
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1364 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0860	PER	A			
0,0422	IMP	A			
0,0082	LOT	A			

Comment:

Manual Basin: 108

Scenario: Scenario1
 Node: S108
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9931 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3464	PER	A			
0,1538	IMP	A			
0,4929	LOT	A			

Comment:

Manual Basin: 109

Scenario: Scenario1
 Node: S110
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2087 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0232	LOT	A/D			
0,1851	LOT	A			
0,0004	PER	A			

Comment: POSSIBLE FLOOD AREA

Manual Basin: 11

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4974 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0891	IMP	A/D			
0,1928	PER	A/D			
0,2155	LOT	A/D			

Comment:

Manual Basin: 110

Scenario: Scenario1
 Node: S110
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5038 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0528	IMP	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0537	PER	A/D			
0,1665	PER	A			
0,0381	IMP	A			
0,1928	LOT	A			

Comment:

Manual Basin: 111

Scenario: Scenario1
 Node: S111
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0589 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0349	IMP	A/D			
0,0655	PER	A/D			
0,0075	LOT	A/D			
0,2365	PER	A			
0,6851	LOT	A			
0,0295	IMP	A			

Comment:

Manual Basin: 112

Scenario: Scenario1
 Node: M112
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2129 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1017	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1020	PER	A			
0,0092	LOT	A			

Comment:

Manual Basin: 113

Scenario: Scenario1
 Node: S113
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9171 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0858	PER	A			
0,1882	LOT	A			
0,0324	IMP	A			
0,1850	IMP	A/D			
0,2944	PER	A/D			
0,1313	LOT	A/D			

Comment:

Manual Basin: 114

Scenario: Scenario1
 Node: M112
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1371 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0102	LOT	A			
0,0897	PER	A			
0,0373	IMP	A			

Comment:

Manual Basin: 115

Scenario: Scenario1
 Node: S152
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2429 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0765	LOT	A			
0.1443	PER	A			
0.0221	IMP	A			

Comment:

Manual Basin: 116

Scenario: Scenario1
 Node: S152
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1271 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0616	LOT	A			
0.0411	PER	A			
0.0244	IMP	A			

Comment:

Manual Basin: 117

Scenario: Scenario1
 Node: M112
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4382 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0393	IMP	A			
0.1487	PER	A			
0.2503	LOT	A			

Comment:

Manual Basin: 118

Scenario: Scenario1
 Node: OVERLAND ENTRY 119
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3461 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1066	PER	A			
0.2285	LOT	A			
0.0110	IMP	A			

Comment:

Manual Basin: 119

Scenario: Scenario1
 Node: OVERLAND ENTRY 119
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6516 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0823	IMP	A			
0.2455	PER	A			
0.3238	LOT	A			

Comment:

Manual Basin: 12

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4098 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1462	LOT	A/D			
0.2011	PER	A/D			
0.0625	IMP	A/D			

Comment:

Manual Basin: 120

Scenario: Scenario1
 Node: S122
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0080 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5258	LOT	A			
0.3517	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1305	IMP	A			

Comment:

Manual Basin: 121

Scenario: Scenario1
 Node: S121
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5933 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2253	IMP	A			
0.6546	PER	A			
0.7134	LOT	A			

Comment:

Manual Basin: 122

Scenario: Scenario1
 Node: SWALE ENTRY 123
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6421 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3197	LOT	A			
0.2547	PER	A			
0.0677	IMP	A			

Comment:

Manual Basin: 123

Scenario: Scenario1
 Node: SWALE ENTRY 123
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0799 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0262	IMP	A			
0,0477	PER	A			
0,0060	LOT	A			

Comment:

Manual Basin: 124

Scenario: Scenario1
 Node: S124
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5585 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1399	LOT	A			
0,1767	PER	A			
0,0674	IMP	A			
0,0242	LOT	A/D			
0,0846	PER	A/D			
0,0656	IMP	A/D			

Comment:

Manual Basin: 125

Scenario: Scenario1
 Node: STAGE AREA 126
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4219 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1618	LOT	A			
0,1390	LOT	A/D			
0,0840	PER	A/D			
0,0371	IMP	A/D			

Comment:

Manual Basin: 126

Scenario: Scenario1
 Node: STAGE AREA 126
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1302 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0040	PER	A			
0,0125	LOT	A			
0,0136	PER	A/D			
0,1000	LOT	A/D			

Comment:

Manual Basin: 127

Scenario: Scenario1
 Node: PIPE ENTRY 127
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 1.4403 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,5273	PER	A/D			
0,6898	LOT	A/D			
0,1429	IMP	A/D			
0,0343	LOT	A			
0,0460	PER	A			

Comment:

Manual Basin: 128

Scenario: Scenario1
 Node: S128
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1920 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0477	IMP	A/D			
0,0769	PER	A/D			
0,0674	LOT	A/D			

Comment:

Manual Basin: 129

Scenario: Scenario1
 Node: S129
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2575 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0287	IMP	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1397	PER	A/D			
0,0891	LOT	A/D			

Comment:

Manual Basin: 13

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3407 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,6983	LOT	A/D			
0,1022	PER	A			
0,2990	PER	A/D			
0,1621	LOT	A			
0,0332	IMP	A			
0,0458	IMP	A/D			

Comment:

Manual Basin: 130

Scenario: Scenario1
 Node: PIPE 301 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5132 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0812	IMP	A/D			
0,4686	PER	A/D			
0,8647	LOT	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0401	IMP	A			
0,0574	PER	A			
0,0011	LOT	A			

Comment:

Manual Basin: 131

Scenario: Scenario1
 Node: S131
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1336 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0417	IMP	A			
0,0561	PER	A			
0,0357	LOT	A			

Comment:

Manual Basin: 132

Scenario: Scenario1
 Node: PIPE 313 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2964 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1204	LOT	A/D			
0,1327	PER	A/D			
0,0434	IMP	A/D			

Comment:

Manual Basin: 133

Scenario: Scenario1
 Node: PIPE 313 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4956 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0751	IMP	A/D			
0,1857	PER	A/D			
0,2348	LOT	A/D			

Comment:

Manual Basin: 134

Scenario: Scenario1
 Node: S134
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.0008 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0637	IMP	A			
0,2312	PER	A			
1,5459	LOT	A			
0,0515	IMP	A/D			
0,0424	PER	A/D			
0,0661	LOT	A/D			

Comment:

Manual Basin: 135

Scenario: Scenario1
 Node: S135
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.1640 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1074	IMP	A/D			
0,0620	IMP	A			
0,1830	PER	A			
0,6673	LOT	A			
0,9111	LOT	A/D			
0,2332	PER	A/D			

Comment:

Manual Basin: 136

Scenario: Scenario1
 Node: PIPE EXIT 136
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.5322 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2331	IMP	A/D			
0,8324	PER	A/D			
1,3429	LOT	A/D			
0,0434	IMP	A			
0,0804	PER	A			

Comment:

Manual Basin: 137

Scenario: Scenario1
 Node: S137
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2657 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0808	IMP	A/D			
0,1505	PER	A/D			
0,0344	LOT	A/D			

Comment:

Manual Basin: 138

Scenario: Scenario1
 Node: PIPE 1748 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.4635 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0648	IMP	A			
0,3543	PER	A			
0,6757	LOT	A			
0,5424	PER	A/D			
0,6744	LOT	A/D			
0,1519	IMP	A/D			

Comment:

Manual Basin: 139

Scenario: Scenario1
 Node: PIPE ENTRY 127
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 1.0118 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1651	PER	A			
0.3625	LOT	A			
0.0761	PER	A/D			
0.0876	IMP	A			
0.2765	LOT	A/D			
0.0439	IMP	A/D			

Comment:

Manual Basin: 14

Scenario: Scenario1
 Node: PIPE 117 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6507 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0514	PER	A/D			
0.0368	LOT	A/D			
0.2661	LOT	A			
0.2243	PER	A			
0.0721	IMP	A			

Comment:

Manual Basin: 140

Scenario: Scenario1
 Node: S127(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0945 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0516	PER	A/D			
0.0010	LOT	A/D			
0.0419	IMP	A/D			

Comment:

Manual Basin: 141

Scenario: Scenario1
 Node: S141
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2818 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0939	PER	A/D			
0.1228	LOT	A/D			
0.0391	IMP	A/D			
0.0137	PER	A			
0.0123	IMP	A			

Comment:

Manual Basin: 142

Scenario: Scenario1
 Node: S141
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1649 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1358	LOT	A/D			
0.0291	PER	A/D			

Comment:

Manual Basin: 143

Scenario: Scenario1
 Node: S143
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8023 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0060	LOT	A/D			
0.0094	PER	A/D			
0.4200	PER	A			
0.1008	LOT	A			
0.2660	IMP	A			

Comment:

Manual Basin: 144

Scenario: Scenario1
 Node: S145(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3041 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0401	PER	A			
0.2632	LOT	A			
0.0008	IMP	A			

Comment:

Manual Basin: 145

Scenario: Scenario1
 Node: PIPE 359 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4282 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0528	IMP	A			
0.0781	IMP	A/D			
0.2267	PER	A/D			
0.3200	LOT	A/D			
0.1575	PER	A			
0.5930	LOT	A			

Comment:

Manual Basin: 146

Scenario: Scenario1
 Node: S146
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4555 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4439	LOT	A			
0.3315	PER	A			
0.1657	IMP	A			
0.1953	LOT	A/D			
0.2244	PER	A/D			
0.0947	IMP	A/D			

Comment:

Manual Basin: 147

Scenario: Scenario1
 Node: PIPE 1739 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2664 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0187	IMP	A			
0,0144	PER	A			
0,1115	IMP	A/D			
0,4417	PER	A/D			
0,6802	LOT	A/D			

Comment:

Manual Basin: 148

Scenario: Scenario1
 Node: PIPE 1739 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0621 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3815	PER	A/D			
0,5783	LOT	A/D			
0,1023	IMP	A/D			

Comment:

Manual Basin: 149

Scenario: Scenario1
 Node: S149
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3424 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0732	PER	A			
0,0395	IMP	A			
0,0049	IMP	A/D			
0,0531	PER	A/D			
0,0924	LOT	A/D			
0,0793	LOT	A			

Comment:

Manual Basin: 15

Scenario: Scenario1
 Node: S17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1841 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0107	LOT	A			
0,0186	LOT	A/D			
0,1077	PER	A/D			
0,0470	IMP	A/D			

Comment:

Manual Basin: 150

Scenario: Scenario1
 Node: S150
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 0.2492 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0000	LOT	A/D			
0,0003	PER	A/D			
0,1273	PER	A			
0,0620	IMP	A			
0,0597	LOT	A			

Comment:

Manual Basin: 151

Scenario: Scenario1
 Node: S152
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6267 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3102	LOT	A			
0,2310	PER	A			
0,0838	IMP	A			
0,0015	PER	A/D			
0,0001	LOT	A/D			

Comment:

Manual Basin: 152

Scenario: Scenario1
 Node: S152
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3308 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1004	IMP	A			
0,4867	PER	A			
0,7416	LOT	A			
0,0020	IMP	A/D			

Comment:

Manual Basin: 153

Scenario: Scenario1
 Node: S154
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2378 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1193	IMP	A			
0,1182	PER	A			
0,0003	LOT	A			

Comment:

Manual Basin: 154

Scenario: Scenario1
 Node: S154
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8691 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2636	PER	A			
0,0732	IMP	A			
0,5323	LOT	A			

Comment:

Manual Basin: 155

Scenario: Scenario1
 Node: S155
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2183 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1418	PER	A			
0.0444	IMP	A			
0.0322	LOT	A			

Comment:

Manual Basin: 156

Scenario: Scenario1
 Node: S155
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4225 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1164	PER	A			
0.3060	LOT	A			

Comment:

Manual Basin: 157

Scenario: Scenario1
 Node: S165

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3834 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2359	LOT	A			
0.1119	PER	A			
0.0355	IMP	A			

Comment:

Manual Basin: 158

Scenario: Scenario1
 Node: S154
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3402 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1526	LOT	A			
0.1524	PER	A			
0.0351	IMP	A			

Comment:

Manual Basin: 159

Scenario: Scenario1
 Node: S159
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.1856 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1359	PER	A			
0.0437	IMP	A			
0.0059	LOT	A			

Comment:

Manual Basin: 16

Scenario: Scenario1
 Node: S17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3840 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1380	IMP	A			
0.3530	PER	A			
0.6074	LOT	A			
0.1554	LOT	A/D			
0.0994	PER	A/D			
0.0309	IMP	A/D			

Comment:

Manual Basin: 160

Scenario: Scenario1
 Node: PIPE 1744 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0612 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1656	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0649	PER	A			
0.0363	IMP	A			
0.0855	IMP	A/D			
0.2818	PER	A/D			
0.4271	LOT	A/D			

Comment:

Manual Basin: 161

Scenario: Scenario1
 Node: S161
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9605 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0068	IMP	A			
0.0901	IMP	A/D			
0.3888	PER	A/D			
0.4748	LOT	A/D			

Comment:

Manual Basin: 162

Scenario: Scenario1
 Node: S162
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4983 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1609	PER	A			
0.3237	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0429	IMP	A			
0,4919	LOT	A/D			
0,3818	PER	A/D			
0,0969	IMP	A/D			

Comment:

Manual Basin: 163

Scenario: Scenario1
 Node: S163
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4048 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1098	LOT	A			
0,2091	PER	A			
0,0859	IMP	A			

Comment:

Manual Basin: 164

Scenario: Scenario1
 Node: STAGE AREA 164
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2096 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0325	PER	A/D			
0,1587	LOT	A/D			
0,0054	IMP	A/D			
0,0058	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0073	IMP	A			

Comment:

Manual Basin: 165

Scenario: Scenario1
 Node: S165
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3688 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1130	IMP	A			
0,2075	PER	A			
0,0483	LOT	A			

Comment:

Manual Basin: 166

Scenario: Scenario1
 Node: Stage Area 166
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2308 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,7042	LOT	A			
0,4514	PER	A			
0,0752	IMP	A			

Comment:

Manual Basin: 167

Scenario: Scenario1
 Node: S167
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.8052 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3364	IMP	A			
1,0987	PER	A			
1,3701	LOT	A			

Comment:

Manual Basin: 168

Scenario: Scenario1
 Node: OVERLAND FLOW 170
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0862 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0138	LOT	A			
0,0453	PER	A			
0,0271	IMP	A			

Comment:

Manual Basin: 169

Scenario: Scenario1
 Node: S169
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2353 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0535	IMP	A			
0,1037	PER	A			
0,0781	LOT	A			

Comment:

Manual Basin: 17

Scenario: Scenario1
 Node: S17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2860 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0039	PER	A			
0,0295	LOT	A			
0,1164	LOT	A/D			
0,0916	PER	A/D			
0,0446	IMP	A/D			

Comment:

Manual Basin: 170

Scenario: Scenario1
 Node: OVERLAND FLOW 170
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5407 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0521	IMP	A			
0,1755	PER	A			
0,3131	LOT	A			

Comment:

Manual Basin: 171

Scenario: Scenario1
 Node: S171
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0725 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0390	IMP	A			
0,0335	PER	A			

Comment:

Manual Basin: 172

Scenario: Scenario1
 Node: STAGE AREA 172
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9551 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1225	IMP	A			
0,4444	PER	A			
0,5180	LOT	A			
0,2704	PER	A/D			
0,5722	LOT	A/D			
0,0275	IMP	A/D			

Comment:

Manual Basin: 173

Scenario: Scenario1
 Node: S173
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3917 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0659	IMP	A			
0,1903	PER	A			
0,1355	LOT	A			

Comment:

Manual Basin: 174

Scenario: Scenario1
 Node: S174
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1809 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0351	IMP	A			
0,0896	PER	A			
0,0562	LOT	A			

Comment:

Manual Basin: 175

Scenario: Scenario1
 Node: OUTFALL SYSTEM 3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2510 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3290	LOT	A/D			
0,3554	PER	A/D			
0,2769	LOT	A			
0,2385	PER	A			
0,0069	IMP	A/D			
0,0444	IMP	A			

Comment:

Manual Basin: 176

Scenario: Scenario1
 Node: S176
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0909 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0204	IMP	A			
0,0509	PER	A			
0,0196	LOT	A			

Comment:

Manual Basin: 177

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 4
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1124 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3091	LOT	A/D			
0,1905	PER	A/D			
0,2323	LOT	A			
0,3285	PER	A			
0,0519	IMP	A			

Comment:

Manual Basin: 178

Scenario: Scenario1
 Node: STAGE AREA 178
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4193 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,9189	LOT	A			
0,4293	PER	A			
0,0711	IMP	A			

Comment:

Manual Basin: 179

Scenario: Scenario1
 Node: STAGE AREA 178
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 1.1220 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.8203	LOT	A			
0.2769	PER	A			
0.0249	IMP	A			

Comment:

Manual Basin: 18

Scenario: Scenario1
 Node: S18
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4782 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2759	LOT	A			
0.1325	PER	A			
0.0170	LOT	A/D			
0.0098	IMP	A			
0.0290	PER	A/D			
0.0140	IMP	A/D			

Comment:

Manual Basin: 180

Scenario: Scenario1
 Node: S180(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0756 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5427	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2797	LOT	A			
0.2531	IMP	A			

Comment:

Manual Basin: 181

Scenario: Scenario1
 Node: OVERLAND FLOW 181
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3114 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2164	LOT	A			
0.0715	PER	A			
0.0234	IMP	A			

Comment:

Manual Basin: 182

Scenario: Scenario1
 Node: S182
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0551 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0138	IMP	A			
0.0317	PER	A			
0.0096	LOT	A			

Comment:

Manual Basin: 183

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 5
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3570 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1341	LOT	A/D			
0.0504	PER	A/D			
0.4926	LOT	A			
0.6222	PER	A			
0.0577	IMP	A			

Comment:

Manual Basin: 184

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 6
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1315 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0030	PER	A/D			
0.3054	PER	A			
0.0017	LOT	A/D			
0.7879	LOT	A			
0.0334	IMP	A			

Comment:

Manual Basin: 185

Scenario: Scenario1
 Node: SWALE 501 ENTRY

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1690 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1370	LOT	A			
0.0320	PER	A			

Comment:

Manual Basin: 186

Scenario: Scenario1
 Node: SWALE 501 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5548 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4867	PER	A			
0.0926	IMP	A			
0.9755	LOT	A			

Comment:

Manual Basin: 187

Scenario: Scenario1
 Node: STAGE AREA 187
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5558 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2481	PER	A			
0,2184	LOT	A			
0,0892	IMP	A			

Comment:

Manual Basin: 188

Scenario: Scenario1
 Node: Overland Flow Entry 188
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2,5104 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2417	IMP	A			
0,8883	PER	A			
1,3804	LOT	A			

Comment:

Manual Basin: 189

Scenario: Scenario1
 Node: SWALE 191 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,7680 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0939	IMP	A			
0,2252	PER	A			
0,4488	LOT	A			

Comment:

Manual Basin: 19

Scenario: Scenario1
 Node: Overland Flow Entry 22
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,4011 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1432	LOT	A			
0,1833	PER	A			
0,0746	IMP	A			

Comment:

Manual Basin: 190

Scenario: Scenario1
 Node: S153
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,6032 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2631	LOT	A			
0,2577	PER	A			
0,0824	IMP	A			

Comment:

Manual Basin: 191

Scenario: Scenario1
 Node: SWALE 191 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,3875 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2232	IMP	A			
0,5613	PER	A			
0,6030	LOT	A			

Comment:

Manual Basin: 192

Scenario: Scenario1
 Node: S192
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,2387 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0694	LOT	A			
0,0988	PER	A			
0,0705	IMP	A			

Comment:

Manual Basin: 193

Scenario: Scenario1
 Node: PIPE 902 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,7613 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1365	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,7127	PER	A			
0,9121	LOT	A			

Comment:

Manual Basin: 194

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 9
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 16,6137 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7,8615	PER	A/D			
6,0671	PER	A			
2,4194	LOT	A			
0,2083	IMP	A			
0,0574	LOT	A/D			

Comment:

Manual Basin: 195

Scenario: Scenario1
 Node: S195
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,2857 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2655	PER	A			
0,0202	IMP	A			

Comment:

Manual Basin: 196
 Scenario: Scenario1
 Node: S431
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1916 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0482	IMP	A			
0.1328	PER	A			
0.0106	LOT	A			

Comment:

Manual Basin: 197
 Scenario: Scenario1
 Node: S197
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9309 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1279	IMP	A			
0.3111	PER	A			
0.4919	LOT	A			

Comment:

Manual Basin: 198
 Scenario: Scenario1
 Node: S192
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3483 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1422	IMP	A			
0.4668	PER	A			
0.7393	LOT	A			

Comment:

Manual Basin: 199
 Scenario: Scenario1
 Node: S527
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1145 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0646	PER	A			
0.0245	IMP	A			
0.0253	LOT	A			

Comment:

Manual Basin: 2
 Scenario: Scenario1
 Node: S2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6775 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2421	PER	A/D			
0.3660	LOT	A/D			

Comment:

Manual Basin: 20
 Scenario: Scenario1
 Node: Overland Flow Entry 23
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4808 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0611	IMP	A			
0.1894	PER	A			
0.2303	LOT	A			

Comment:

Manual Basin: 200
 Scenario: Scenario1
 Node: S527
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1520 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0666	LOT	A			
0.0629	PER	A			
0.0225	IMP	A			

Comment:

Manual Basin: 201
 Scenario: Scenario1
 Node: UNKNOWN PIPE COLLECTION 526
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0097 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0772	IMP	A			
0.2785	PER	A			
0.4406	LOT	A			
0.0832	LOT	A/D			
0.0958	PER	A/D			
0.0344	IMP	A/D			

Comment:

Manual Basin: 202
 Scenario: Scenario1
 Node: S202
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2274 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0891	PER	A			
0.0994	LOT	A			
0.0389	IMP	A			

Comment:

Manual Basin: 203
 Scenario: Scenario1
 Node: S203
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0060 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0700	IMP	A			
0.2608	PER	A			
0.0678	PER	A/D			
0.0929	LOT	A/D			
0.5146	LOT	A			

Comment:

Manual Basin: 204

Scenario: Scenario1
 Node: UNKNOWN PIPE COLLECTION 526
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1408 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0016	PER	A/D			
0.0293	PER	A			
0.1094	LOT	A			
0.0004	IMP	A			

Comment:

Manual Basin: 205

Scenario: Scenario1
 Node: UNKNOWN PIPE COLLECTION 526
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4952 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2034	PER	A			
0.2047	LOT	A			
0.0871	IMP	A			

Comment:

Manual Basin: 206

Scenario: Scenario1
 Node: S206
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2168 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0129	LOT	A/D			
0.0567	PER	A/D			
0.0601	LOT	A			
0.0601	PER	A			
0.0219	IMP	A/D			
0.0052	IMP	A			

Comment:

Manual Basin: 207

Scenario: Scenario1
 Node: S207
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2730 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0663	IMP	A/D			
0.0959	PER	A/D			
0.0900	LOT	A/D			
0.0208	LOT	A			

Comment:

Manual Basin: 208

Scenario: Scenario1
 Node: S208
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8927 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0746	IMP	A/D			
0.2457	PER	A/D			
0.2504	LOT	A/D			
0.0059	IMP	A			
0.0933	PER	A			
0.2230	LOT	A			

Comment:

Manual Basin: 209

Scenario: Scenario1
 Node: S209
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0049 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2268	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4792	PER	A			
0.2989	LOT	A			

Comment:

Manual Basin: 21

Scenario: Scenario1
 Node: Overland Flow Entry 23
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2699 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0550	PER	A			
0.2149	LOT	A			

Comment:

Manual Basin: 210

Scenario: Scenario1
 Node: PIPE 1744 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9097 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3592	PER	A			
0.6472	LOT	A			
0.0984	IMP	A			
0.4101	LOT	A/D			
0.2910	PER	A/D			
0.1038	IMP	A/D			

Comment:

Manual Basin: 211

Scenario: Scenario1
 Node: PIPE 1740 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3100 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1027	PER	A/D			
0.2073	LOT	A/D			

Comment:

Manual Basin: 212

Scenario: Scenario1
 Node: S212
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2798 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0352	IMP	A/D			
0.1194	PER	A/D			
0.1252	LOT	A/D			

Comment:

Manual Basin: 213

Scenario: Scenario1
 Node: PIPE 1740 EXIT

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6140 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0457	IMP	A/D			
0.2302	PER	A/D			
0.3381	LOT	A/D			

Comment:

Manual Basin: 214

Scenario: Scenario1
 Node: S214
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1055 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0291	IMP	A/D			
0.0585	PER	A/D			
0.0180	LOT	A/D			

Comment:

Manual Basin: 215

Scenario: Scenario1
 Node: S215
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.8549 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1450	IMP	A/D			
0.3646	PER	A/D			
0.3454	LOT	A/D			

Comment:

Manual Basin: 216

Scenario: Scenario1
 Node: S216
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.8828 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0863	IMP	A/D			
0.5244	PER	A/D			
0.0739	IMP	A			
0.1663	PER	A			
0.8955	LOT	A/D			
0.1364	LOT	A			

Comment:

Manual Basin: 217

Scenario: Scenario1
 Node: PIPE 1740 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7412 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0386	PER	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1358	LOT	A/D			
0.2491	LOT	A			
0.2381	PER	A			
0.0772	IMP	A			
0.0025	IMP	A/D			

Comment:

Manual Basin: 218

Scenario: Scenario1
 Node: S218
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8813 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0824	IMP	A			
0.2712	PER	A			
0.5277	LOT	A			

Comment:

Manual Basin: 219

Scenario: Scenario1
 Node: S219
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.0466 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0766	PER	A/D			
0.0106	IMP	A/D			
0.2756	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,9220	PER	A			
0,0758	LOT	A/D			
0,6860	LOT	A			

Comment:

Manual Basin: 22

Scenario: Scenario1
 Node: Overland Flow Entry 22
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4090 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2840	LOT	A			
0,0907	PER	A			
0,0343	IMP	A			

Comment:

Manual Basin: 220

Scenario: Scenario1
 Node: S220
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6502 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,7793	LOT	A			
0,7894	PER	A			
0,0816	IMP	A			

Comment:

Manual Basin: 221

Scenario: Scenario1
 Node: STAGE AREA 221
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0651 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,8420	LOT	A			
0,2231	PER	A			

Comment:

Manual Basin: 222

Scenario: Scenario1
 Node: S222
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1216 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2148	IMP	A			
0,5380	PER	A			
0,3688	LOT	A			

Comment:

Manual Basin: 223

Scenario: Scenario1
 Node: S223
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8901 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0044	IMP	A			
0,0658	PER	A			
0,0663	IMP	A/D			
0,1781	PER	A/D			
0,1374	LOT	A			
0,4381	LOT	A/D			

Comment:

Manual Basin: 224

Scenario: Scenario1
 Node: S223
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.0749 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1,2278	LOT	A			
0,5991	PER	A			
0,0167	PER	A/D			
0,1396	IMP	A			
0,0916	LOT	A/D			

Comment:

Manual Basin: 225

Scenario: Scenario1
 Node: S225
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.3707 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1665	PER	A/D			
0,0264	IMP	A/D			
0,0666	LOT	A/D			
0,0170	PER	A			
0,0943	LOT	A			

Comment:

Manual Basin: 226

Scenario: Scenario1
 Node: PIPE 1723 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1167 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0862	PER	A/D			
0,0305	IMP	A/D			

Comment:

Manual Basin: 227

Scenario: Scenario1
 Node: PIPE 1720 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0928 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0359	IMP	A/D			
0,0553	PER	A/D			
0,0016	LOT	A/D			

Comment:

Manual Basin: 228
 Scenario: Scenario1
 Node: PIPE 1711 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2083 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0530	IMP	A/D			
0.1128	PER	A/D			
0.0425	LOT	A/D			

Comment:

Manual Basin: 229
 Scenario: Scenario1
 Node: S229(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6442 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0450	IMP	A/D			
0.2098	PER	A/D			
0.3893	LOT	A/D			

Comment:

Manual Basin: 23

Scenario: Scenario1
 Node: Overland Flow Entry 23
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.7584 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1388	IMP	A			
0.6578	PER	A			
0.9618	LOT	A			

Comment:

Manual Basin: 230
 Scenario: Scenario1
 Node: S230(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1569 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0340	IMP	A/D			
0.0862	PER	A/D			
0.0289	LOT	A/D			
0.0066	IMP	A			
0.0013	PER	A			

Comment:

Manual Basin: 231
 Scenario: Scenario1
 Node: PIPE 1722 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3420 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1312	IMP	A/D			
0.5188	PER	A/D			
0.6462	LOT	A/D			
0.0268	IMP	A			
0.0189	PER	A			

Comment:

Manual Basin: 232
 Scenario: Scenario1
 Node: PIPE 1722 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3921 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1518	IMP	A/D			
0.5091	PER	A/D			
0.7312	LOT	A/D			

Comment:

Manual Basin: 233
 Scenario: Scenario1
 Node: SWALE ENTRY 233
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.8661 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1063	IMP	A			
0.4183	PER	A			
0.0316	IMP	A/D			
0.1728	PER	A/D			
0.9759	LOT	A			
0.1612	LOT	A/D			

Comment:

Manual Basin: 234
 Scenario: Scenario1
 Node: S234
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1941 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1023	LOT	A/D			
0.0466	PER	A/D			
0.0295	PER	A			
0.0156	IMP	A			
0.0001	LOT	A			

Comment:

Manual Basin: 235
 Scenario: Scenario1
 Node: S235
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1046 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0322	IMP	A/D			
0,0636	PER	A/D			
0,0067	LOT	A/D			
0,0021	IMP	A			

Comment:

Manual Basin: 236

Scenario: Scenario1
 Node: S236
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4096 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0014	IMP	A/D			
0,0878	IMP	A			
0,0162	LOT	A/D			
0,1985	PER	A			
0,1058	LOT	A			

Comment:

Manual Basin: 237

Scenario: Scenario1
 Node: STAGE AREA 237
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2,0628 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2053	IMP	A/D			
0,7634	PER	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1,0941	LOT	A/D			

Comment:

Manual Basin: 238

Scenario: Scenario1
 Node: S238
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7385 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1316	IMP	A/D			
0,3237	PER	A/D			
0,2832	LOT	A/D			

Comment:

Manual Basin: 239

Scenario: Scenario1
 Node: PIPE 1710 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6888 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1570	IMP	A/D			
0,3173	PER	A/D			
0,2145	LOT	A/D			

Comment:

Manual Basin: 24

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,3926 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0625	PER	A/D			
0,0231	IMP	A/D			
0,0122	LOT	A/D			
0,4661	PER	A			
0,6765	LOT	A			
0,1522	IMP	A			

Comment:

Manual Basin: 240

Scenario: Scenario1
 Node: PIPE 1708 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,4897 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1,0342	LOT	A/D			
0,0057	IMP	A/D			
0,2732	PER	A/D			
0,0631	IMP	A			
0,1007	PER	A			
0,0127	LOT	A			

Comment:

Manual Basin: 241

Scenario: Scenario1
 Node: STAGE AREA 242
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,7011 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1845	IMP	A/D			
0,4005	PER	A/D			
0,1160	LOT	A/D			
0,0001	IMP	A			

Comment:

Manual Basin: 242

Scenario: Scenario1
 Node: STAGE AREA 242
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2,7640 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0450	IMP	A			
0,1440	PER	A			
0,2772	IMP	A/D			
0,8203	PER	A/D			
0,4335	LOT	A			
1,0440	LOT	A/D			

Comment:

Manual Basin: 243

Scenario: Scenario1
 Node: S243
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3597 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0675	IMP	A			
0.1179	LOT	A			
0.1744	PER	A			

Comment:

Manual Basin: 244

Scenario: Scenario1
 Node: S224
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0846 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0190	IMP	A			
0.0427	PER	A			
0.0229	LOT	A			

Comment:

Manual Basin: 245

Scenario: Scenario1
 Node: S245
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1122 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0059	IMP	A/D			
0.0006	PER	A/D			
0.0748	PER	A			
0.0007	LOT	A			
0.0301	IMP	A			

Comment:

Manual Basin: 246

Scenario: Scenario1
 Node: S246
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6884 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1151	LOT	A			
0.1211	PER	A			
0.2130	LOT	A/D			
0.0123	IMP	A			
0.1820	PER	A/D			
0.0449	IMP	A/D			

Comment:

Manual Basin: 247

Scenario: Scenario1
 Node: SWALE ENTRY 247
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6461 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0115	IMP	A			
0.0348	PER	A			
0.0910	LOT	A			
0.0698	IMP	A/D			
0.2004	PER	A/D			
0.2385	LOT	A/D			

Comment:

Manual Basin: 248

Scenario: Scenario1
 Node: SWALE ENTRY 248
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7462 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0790	LOT	A			
0.1655	PER	A			
0.0659	IMP	A			
0.2514	PER	A/D			
0.1309	IMP	A/D			
0.0536	LOT	A/D			

Comment:

Manual Basin: 249

Scenario: Scenario1
 Node: S249
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6423 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0459	IMP	A/D			
0.0529	IMP	A			
0.0077	PER	A/D			
0.2900	PER	A			
0.2458	LOT	A			

Comment:

Manual Basin: 25

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3456 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2228	PER	A			
0.1445	LOT	A			
0.3208	PER	A/D			
0.5440	LOT	A/D			
0.0559	IMP	A/D			
0.0576	IMP	A			

Comment:

Manual Basin: 250

Scenario: Scenario1
 Node: STAGE AREA 250
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7150 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1033	IMP	A/D			
0.0564	PER	A/D			
0.1866	PER	A			
0.3675	LOT	A			
0.0012	IMP	A			
0.0000	LOT	A/D			

Comment:

Manual Basin: 251

Scenario: Scenario1
 Node: SWALE ENTRY 321
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5708 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0436	IMP	A			
0.3241	PER	A			
0.7800	LOT	A			
0.1607	PER	A/D			
0.0656	IMP	A/D			
0.1969	LOT	A/D			

Comment:

Manual Basin: 252

Scenario: Scenario1
 Node: SWALE ENTRY 321
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4650 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0436	IMP	A			
0.3241	PER	A			
0.7800	LOT	A			
0.1607	PER	A/D			
0.0656	IMP	A/D			
0.1969	LOT	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0591	PER	A/D			
0.0347	IMP	A/D			
0.0017	LOT	A/D			
0.1468	LOT	A			
0.1685	PER	A			
0.0543	IMP	A			

Comment:

Manual Basin: 253

Scenario: Scenario1
 Node: S253(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1923 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6257	PER	A			
0.1915	IMP	A			
0.3351	LOT	A			
0.0323	PER	A/D			
0.0007	LOT	A/D			
0.0068	IMP	A/D			

Comment:

Manual Basin: 254

Scenario: Scenario1
 Node: S253(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0813 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6257	PER	A			
0.1915	IMP	A			
0.3351	LOT	A			
0.0323	PER	A/D			
0.0007	LOT	A/D			
0.0068	IMP	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0462	IMP	A			
0.0351	PER	A			

Comment:

Manual Basin: 255

Scenario: Scenario1
 Node: S255
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5784 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1286	LOT	A			
0.1169	PER	A			
0.0326	IMP	A			
0.1056	LOT	A/D			
0.1376	PER	A/D			
0.0572	IMP	A/D			

Comment:

Manual Basin: 256

Scenario: Scenario1
 Node: S256
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4158 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0423	IMP	A			
0.1797	PER	A			
0.4531	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0368	IMP	A/D			
0.2281	PER	A/D			
0.4759	LOT	A/D			

Comment:

Manual Basin: 257

Scenario: Scenario1
 Node: M258
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2604 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0501	IMP	A/D			
0.1302	PER	A/D			
0.0800	LOT	A/D			

Comment:

Manual Basin: 258

Scenario: Scenario1
 Node: M258
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1982 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1119	PER	A/D			
0.0566	LOT	A/D			
0.0296	IMP	A/D			

Manual Basin: 259

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 4
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9372 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1505	IMP	A/D			
0.3861	PER	A/D			
0.3874	LOT	A/D			
0.0801	IMP	A			
0.3119	PER	A			
0.6213	LOT	A			

Comment:

Manual Basin: 26

Scenario: Scenario1
 Node: Overland Flow Entry 23
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1200 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0268	IMP	A			
0.0692	PER	A			
0.0240	LOT	A			

Comment:

Manual Basin: 260

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 4
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9111 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0346	LOT	A/D			
0.1691	PER	A/D			
0.3341	LOT	A			
0.2858	PER	A			
0.0503	IMP	A			
0.0372	IMP	A/D			

Comment:

Manual Basin: 261

Scenario: Scenario1
 Node: SWALE STAGE AREA 261
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.8876 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3478	IMP	A			
1.1624	PER	A			
1.3774	LOT	A			

Comment:

Manual Basin: 262

Scenario: Scenario1
 Node: PIPE 1816 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.8253 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1295	IMP	A/D			
0.4049	PER	A/D			
0.2353	IMP	A			
0.6782	PER	A			
0.4655	LOT	A/D			
0.9119	LOT	A			

Comment:

Manual Basin: 263

Scenario: Scenario1
 Node: STAGE AREA 263
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.2146 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1712	IMP	A			
0.0737	IMP	A/D			
0.4626	PER	A			
0.3133	PER	A/D			
0.6051	LOT	A			
0.5888	LOT	A/D			

Comment:

Manual Basin: 264

Scenario: Scenario1
 Node: STAGE AREA 296
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 0.5910 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0681	IMP	A			
0.2500	PER	A			
0.1402	LOT	A			
0.0434	LOT	A/D			
0.0541	PER	A/D			
0.0352	IMP	A/D			

Comment:

Manual Basin: 265

Scenario: Scenario1
 Node: PIPE 1815 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.1153 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1770	IMP	A			
0.8142	PER	A			
1.1242	LOT	A			

Comment:

Manual Basin: 266

Scenario: Scenario1
 Node: PIPE 1805 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1638 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1436	IMP	A			
0,4498	PER	A			
0,4723	LOT	A			
0,0400	IMP	A/D			
0,0428	PER	A/D			
0,0152	LOT	A/D			

Comment:

Manual Basin: 267

Scenario: Scenario1
 Node: STAGE AREA 296
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,4103 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2843	LOT	A			
0,2854	PER	A			
0,3544	LOT	A/D			
0,2966	PER	A/D			
0,0975	IMP	A/D			
0,0921	IMP	A			

Comment:

Manual Basin: 268

Scenario: Scenario1
 Node: STAGE AREA 268
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,2562 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2894	LOT	A			
0,0295	IMP	A			
0,1224	PER	A			
0,1009	IMP	A/D			
0,2983	PER	A/D			
0,4157	LOT	A/D			

Comment:

Manual Basin: 269

Scenario: Scenario1
 Node: PIPE 1814 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,3288 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0957	LOT	A			
0,1876	PER	A			
0,0455	IMP	A			

Comment:

Manual Basin: 27

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,1912 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0698	LOT	A			
0,0873	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0340	IMP	A			

Comment:

Manual Basin: 270

Scenario: Scenario1
 Node: DISCHARGE 274
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,2785 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0097	IMP	A			
0,1115	PER	A			
0,1572	LOT	A			

Comment:

Manual Basin: 271

Scenario: Scenario1
 Node: STAGE AREA 285
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3,1148 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,4461	PER	A			
0,1017	IMP	A			
0,7305	LOT	A			
0,8453	PER	A/D			
0,0500	IMP	A/D			
0,9413	LOT	A/D			

Comment:

Manual Basin: 272

Scenario: Scenario1
 Node: DISCHARGE 274
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,2001 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2465	IMP	A			
0,6001	PER	A			
0,3347	LOT	A			
0,0170	PER	A/D			
0,0019	IMP	A/D			

Comment:

Manual Basin: 273

Scenario: Scenario1
 Node: STAGE AREA 273
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2,7486 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2813	LOT	A			
1,5980	PER	A			
0,3773	LOT	A/D			
0,3335	PER	A/D			
0,1584	IMP	A			

Comment:

Manual Basin: 274

Scenario: Scenario1
 Node: DISCHARGE 274
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5280 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3980	PER	A			
0.1300	IMP	A			

Comment:

Manual Basin: 275

Scenario: Scenario1
 Node: Structure - (50) (Apalach Pipe Network)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2008 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0703	IMP	A			
0.1306	PER	A			

Comment:

Manual Basin: 276

Scenario: Scenario1
 Node: DISCHARGE 276
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 3.1713 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5641	IMP	A			
1.8498	PER	A			
0.7574	LOT	A			

Comment:

Manual Basin: 277

Scenario: Scenario1
 Node: STAGE AREA 277
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1731 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1731	PER	A			

Comment:

Manual Basin: 278

Scenario: Scenario1
 Node: Structure - (11) (Apalach Pipe Network)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2093 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0765	IMP	A			
0.1327	PER	A			

Comment:

Manual Basin: 279

Scenario: Scenario1
 Node: Structure - (662) (Apalach Pipe Network)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8798 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5562	PER	A			
0.2309	IMP	A			
0.0927	LOT	A			

Comment:

Manual Basin: 28

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1248 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0684	PER	A			
0.0151	IMP	A			
0.0413	LOT	A			

Comment:

Manual Basin: 280

Scenario: Scenario1
 Node: BAY DISCHARGE 282
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0548 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0249	IMP	A			
0.0300	PER	A			

Comment:

Manual Basin: 281

Scenario: Scenario1
 Node: S283
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0652 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0273	IMP	A			
0.0379	PER	A			

Comment:

Manual Basin: 282

Scenario: Scenario1
 Node: BAY DISCHARGE 282
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7406 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3472	LOT	A			
0.3934	PER	A			

Comment:

Manual Basin: 283

Scenario: Scenario1
 Node: S283
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2391 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0199	IMP	A			
0.2192	PER	A			

Comment:

Manual Basin: 284

Scenario: Scenario1
 Node: S283
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4463 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0569	IMP	A			
0.1705	PER	A			
0.2189	LOT	A			

Comment:

Manual Basin: 285

Scenario: Scenario1
 Node: STAGE AREA 285

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.1814 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0015	IMP	A/D			
0.0986	PER	A/D			
0.0005	LOT	A/D			
0.9603	PER	A			
0.9702	LOT	A			
0.1503	IMP	A			

Comment:

Manual Basin: 286

Scenario: Scenario1
 Node: STAGE AREA 285
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2594 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0379	IMP	A/D			
0.0520	PER	A/D			
0.0930	PER	A			
0.0175	IMP	A			
0.0589	LOT	A			

Comment:

Manual Basin: 287

Scenario: Scenario1
 Node: S287
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1566 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0455	IMP	A			
0.0827	PER	A			
0.0284	LOT	A			

Comment:

Manual Basin: 288

Scenario: Scenario1
 Node: BAY DISCHARGE 282
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5814 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5814	LOT	A			

Comment:

Manual Basin: 289

Scenario: Scenario1
 Node: BAY DISCHARGE 282
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9810 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1118	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.8692	LOT	A			

Comment:

Manual Basin: 29

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0847 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0351	LOT	A			
0.0370	PER	A			
0.0125	IMP	A			

Comment:

Manual Basin: 290

Scenario: Scenario1
 Node: BAY DISCHARGE 282
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2912 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2378	LOT	A			
0.0534	PER	A			

Comment:

Manual Basin: 291

Scenario: Scenario1
 Node: PIPE 1810 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.0983 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0912	IMP	A			
0.3170	PER	A			
1.6901	LOT	A			

Comment:

Manual Basin: 292

Scenario: Scenario1
 Node: BAY DISCHARGE 282
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2064 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2064	LOT	A			

Comment:

Manual Basin: 293

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 18
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 2.3141 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0422	IMP	A			
0.9697	PER	A			
1.3023	LOT	A			

Comment:

Manual Basin: 294

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 18
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.6210 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.6015	LOT	A			
0.0195	PER	A			

Comment:

Manual Basin: 295

Scenario: Scenario1
 Node: S295
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6098 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0849	IMP	A			
0.1739	PER	A			
0.3509	LOT	A			

Comment:

Manual Basin: 296

Scenario: Scenario1
 Node: STAGE AREA 296
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 9.1286 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3875	IMP	A			
2.9455	PER	A			
1.7659	LOT	A			
2.0584	LOT	A/D			
1.8798	PER	A/D			
0.0915	IMP	A/D			

Comment:

Manual Basin: 297

Scenario: Scenario1
 Node: STAGE AREA 297
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.4084 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.0346	LOT	A			
1.2513	PER	A			
0.1225	IMP	A			

Comment:

Manual Basin: 298

Scenario: Scenario1
 Node: PIPE 1702 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.2388 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7272	LOT	A			
0.7943	PER	A			
0.0761	LOT	A/D			
0.0139	IMP	A			
0.4624	PER	A/D			
0.1650	IMP	A/D			

Comment:

Manual Basin: 299

Scenario: Scenario1
 Node: STAGE AREA 297
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1497 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0369	LOT	A			
0.1128	PER	A			

Comment:

Manual Basin: 3

Scenario: Scenario1
 Node: PIPE 113 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5402 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2261	PER	A/D			
0.2480	LOT	A/D			
0.0661	IMP	A/D			

Comment:

Manual Basin: 30

Scenario: Scenario1
 Node: S30
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2487 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6783	LOT	A			
0.3363	PER	A			
0.0902	IMP	A			
0.0325	IMP	A/D			
0.0732	PER	A/D			
0.0382	LOT	A/D			

Comment:

Manual Basin: 300

Scenario: Scenario1
 Node: STAGE AREA 301
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.4300	LOT	A/D			
0.3297	PER	A			
0.3094	LOT	A			

Comment:

Manual Basin: 303

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.2180 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0199	IMP	A			
1.2354	LOT	A/D			
0.2915	LOT	A			
0.4222	PER	A			
0.2489	PER	A/D			

Comment:

Manual Basin: 304

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.0641 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1188	PER	A			
2.9453	LOT	A			

Peaking Factor: 256.0
 Area: 0.2256 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1805	LOT	A			
0.0451	PER	A			

Comment:

Manual Basin: 301

Scenario: Scenario1
 Node: STAGE AREA 301
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3696 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1404	LOT	A/D			
0.1841	LOT	A			
0.0217	PER	A/D			
0.0234	PER	A			

Comment:

Manual Basin: 302

Scenario: Scenario1
 Node: SWALE DISCHARGE ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.6438 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0820	IMP	A/D			
0.3886	PER	A/D			
0.1041	IMP	A			

Comment:

Manual Basin: 305

Scenario: Scenario1
 Node: PIPE 1812 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2061 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0825	IMP	A			
0.1236	PER	A			

Comment:

Manual Basin: 306

Scenario: Scenario1
 Node: S295
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3807 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0618	PER	A			
0.3189	LOT	A			

Comment:

Manual Basin: 307

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1101 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0096	PER	A			
0.0540	LOT	A			
0.0465	IMP	A			

Comment:

Manual Basin: 308

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0757 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0517	IMP	A			
0.0240	PER	A			

Comment:

Manual Basin: 309

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0365 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0324	IMP	A			
0.0042	PER	A			

Comment:

Manual Basin: 31

Scenario: Scenario1
 Node: Overland Flow Entry 22
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2649 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0700	LOT	A			
0.1460	PER	A			
0.0489	IMP	A			

Comment:

Manual Basin: 310

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1248 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0392	PER	A			
0.0770	IMP	A			
0.0086	LOT	A			

Comment:

Manual Basin: 311

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1877 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0977	IMP	A			
0.0258	PER	A			
0.0643	LOT	A			

Comment:

Manual Basin: 312

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6261 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1136	IMP	A			
0.6410	PER	A			
0.8716	LOT	A			

Comment:

Manual Basin: 313

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0562 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0014	LOT	A			
0.0532	IMP	A			
0.0015	PER	A			

Comment:

Manual Basin: 314

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0595 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0035	LOT	A			
0.0536	IMP	A			
0.0024	PER	A			

Comment:

Manual Basin: 315

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3718 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1345	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2078	PER	A			
0,0295	IMP	A/D			

Comment:

Manual Basin: 316

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9916 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,5980	IMP	A			
0,3936	PER	A			

Comment:

Manual Basin: 317

Scenario: Scenario1
 Node: STAGE AREA 317
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5601 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,6791	LOT	A			
0,4763	PER	A			
0,1578	IMP	A			
0,1401	PER	A/D			
0,0677	LOT	A/D			
0,0390	IMP	A/D			

Comment:

Manual Basin: 318

Scenario: Scenario1
 Node: STAGE AREA 318
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.9079 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1064	IMP	A/D			
0,3544	PER	A/D			
0,6091	PER	A			
1,3697	LOT	A			
0,3093	LOT	A/D			
0,1590	IMP	A			

Comment:

Manual Basin: 319

Scenario: Scenario1
 Node: S319
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5663 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0167	LOT	A/D			
0,1758	LOT	A			
0,0605	PER	A/D			
0,0295	IMP	A/D			
0,2302	PER	A			
0,0536	IMP	A			

Comment:

Manual Basin: 32

Scenario: Scenario1
 Node: S32
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.7675 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1669	IMP	A			
0,4315	PER	A			
0,3973	LOT	A			
0,5162	LOT	A/D			
0,2240	PER	A/D			
0,0315	IMP	A/D			

Comment:

Manual Basin: 320

Scenario: Scenario1
 Node: S253(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4548 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1197	IMP	A			
0,5743	PER	A			
0,7252	LOT	A			
0,0267	IMP	A/D			
0,0090	PER	A/D			

Comment:

Manual Basin: 321

Scenario: Scenario1

Manual Basin: 322

Node: SWALE ENTRY 321
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2834 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0498	IMP	A/D			
0,2629	PER	A/D			
0,0949	IMP	A			
0,3350	LOT	A/D			
0,2292	PER	A			
0,3115	LOT	A			

Comment:

Manual Basin: 322

Scenario: Scenario1
 Node: S322
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.1828 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1821	IMP	A			
0,7627	PER	A			
0,1228	PER	A/D			
0,7811	LOT	A			
0,3158	LOT	A/D			
0,0182	IMP	A/D			

Comment:

Manual Basin: 323

Scenario: Scenario1
 Node: S323

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4211 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2258	PER	A			
0.1001	IMP	A			
0.0952	LOT	A			

Comment:

Manual Basin: 324

Scenario: Scenario1
 Node: S324
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2454 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7069	LOT	A			
0.4320	PER	A			
0.0035	PER	A/D			
0.0062	IMP	A/D			
0.0969	IMP	A			

Comment:

Manual Basin: 325

Scenario: Scenario1
 Node: S324
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4176 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2826	LOT	A			
0.1048	PER	A			
0.0303	IMP	A			

Comment:

Manual Basin: 326

Scenario: Scenario1
 Node: STAGE AREA 250
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5830 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1652	PER	A			
0.3737	LOT	A			
0.0441	IMP	A			

Comment:

Manual Basin: 327

Scenario: Scenario1
 Node: S327
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4114 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1440	IMP	A			
0.2392	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0582	LOT	A			

Comment:

Manual Basin: 328

Scenario: Scenario1
 Node: S328
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5140 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.8408	LOT	A			
0.5630	PER	A			
0.1102	IMP	A			

Comment:

Manual Basin: 329

Scenario: Scenario1
 Node: S329
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4070 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2308	IMP	A			
0.6317	PER	A			
0.5445	LOT	A			

Comment:

Manual Basin: 33

Scenario: Scenario1
 Node: S33
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6722 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0048	IMP	A			
0.0214	PER	A			
0.0444	IMP	A/D			
0.1917	PER	A/D			
0.0046	LOT	A			
0.4053	LOT	A/D			

Comment:

Manual Basin: 330

Scenario: Scenario1
 Node: STAGE AREA 317
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.2174 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7481	LOT	A			
1.1805	PER	A			
0.2888	IMP	A			

Comment:

Manual Basin: 331

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.5421 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.9359	PER	A			
1.4149	LOT	A			
0.1913	IMP	A			

Comment:

Manual Basin: 332

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4132 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0813	IMP	A			
0.3319	PER	A			

Comment:

Manual Basin: 333

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4650 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1055	LOT	A			
0.2898	PER	A			
0.0697	IMP	A			

Comment:

Manual Basin: 334

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2502 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1655	IMP	A			
0.0847	PER	A			

Comment:

Manual Basin: 335

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1475 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1429	IMP	A			
0.0045	PER	A			

Comment:

Manual Basin: 336

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3967 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2189	LOT	A			
0.1118	PER	A			
0.0660	IMP	A			

Comment:

Manual Basin: 337

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0488 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0082	IMP	A			
0.0194	PER	A			
0.0212	LOT	A			

Comment:

Manual Basin: 338

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1016 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0167	IMP	A			
0.0276	PER	A			
0.0573	LOT	A			

Comment:

Manual Basin: 339

Scenario: Scenario1
 Node: PIPE 1601 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2024 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3034	PER	A			
0.8100	LOT	A			
0.0891	IMP	A			

Comment:

Manual Basin: 34

Scenario: Scenario1
 Node: S34
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3338 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1666	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1232	PER	A			
0.0036	IMP	A			
0.0224	IMP	A/D			
0.0179	PER	A/D			

Comment:

Manual Basin: 340

Scenario: Scenario1
 Node: BAY DISCHARGE 340
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9776 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.3445	LOT	A			
0.4933	PER	A			
0.1398	IMP	A			

Comment:

Manual Basin: 341

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 16
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7039 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4422	LOT	A			
0.2616	PER	A			

Comment:

Manual Basin: 342

Scenario: Scenario1
 Node: S342
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2183 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0676	IMP	A			
0.1301	PER	A			
0.0206	LOT	A			

Comment:

Manual Basin: 343

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 15(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3587 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2588	LOT	A			
0.0999	PER	A			

Comment:

Manual Basin: 344

Scenario: Scenario1
 Node: S344
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5658 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1038	LOT	A			
0.3576	PER	A			
0.1045	IMP	A			

Comment:

Manual Basin: 345

Scenario: Scenario1
 Node: S345
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2669 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0708	IMP	A			
0.1938	PER	A			
0.0023	LOT	A			

Comment:

Manual Basin: 346

Scenario: Scenario1
 Node: S346
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2490 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1168	IMP	A			
0.1322	PER	A			

Comment:

Manual Basin: 347

Scenario: Scenario1
 Node: S347
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3161 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1294	PER	A			
0.1735	IMP	A			
0.0132	LOT	A			

Comment:

Manual Basin: 348

Scenario: Scenario1
 Node: S348
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2419 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0914	LOT	A			
0.1178	PER	A			
0.0327	IMP	A			

Comment:

Manual Basin: 349

Scenario: Scenario1
 Node: S349
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4818 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1070	IMP	A			
0.1760	PER	A			
0.1988	LOT	A			

Comment:

Manual Basin: 35

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3577 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5952	PER	A			
0.4599	LOT	A			
0.0790	PER	A/D			
0.1891	LOT	A/D			
0.0003	IMP	A/D			
0.0343	IMP	A			

Comment:

Manual Basin: 350

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 15(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0174 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6489	LOT	A			
0.1062	IMP	A			
0.2624	PER	A			

Comment:

Manual Basin: 351

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 15(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4155 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0440	IMP	A			
0.1525	PER	A			
0.2190	LOT	A			

Comment:

Manual Basin: 352

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 15(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4937 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0815	IMP	A			
0.1971	PER	A			
0.2152	LOT	A			

Comment:

Manual Basin: 353

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 15(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3748 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0421	IMP	A			
0.1484	LOT	A			
0.1844	PER	A			

Comment:

Manual Basin: 354

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 15(C)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5004 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2977	LOT	A			
0.2026	PER	A			

Comment:

Manual Basin: 355

Scenario: Scenario1
 Node: S355
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0732 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0717	IMP	A			
0.0015	LOT	A			

Comment:

Manual Basin: 356

Scenario: Scenario1
 Node: S356
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1280 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1264	IMP	A			
0.0016	LOT	A			

Comment:

Manual Basin: 357

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 14(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
Area: 0.5312 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3836	LOT	A			
0.1475	PER	A			

Comment:

Manual Basin: 358

Scenario: Scenario1
Node: S358
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.1222 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1198	IMP	A			
0.0024	LOT	A			

Comment:

Manual Basin: 359

Scenario: Scenario1
Node: S359
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.3508 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1374	IMP	A			
0.1011	PER	A			
0.1123	LOT	A			

Comment:

Manual Basin: 36

Scenario: Scenario1
Node: S36
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.7702 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2528	LOT	A			
0.4644	PER	A			
0.0530	IMP	A			

Comment:

Manual Basin: 360

Scenario: Scenario1
Node: S360(A)
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.6459 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2434	IMP	A			
0.0990	PER	A			
0.0000	IMP	A/D			
0.3035	LOT	A			

Comment:

Manual Basin: 361

Scenario: Scenario1
Node: S361
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.9207 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6888	LOT	A			
0.0848	PER	A			
0.1471	IMP	A			

Comment:

Manual Basin: 362

Scenario: Scenario1
Node: S362
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.3552 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0788	IMP	A/D			
0.0690	IMP	A			
0.1020	PER	A			
0.1053	LOT	A			

Comment:

Manual Basin: 363

Scenario: Scenario1
Node: S363
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.6147 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0099	IMP	A/D			
0.1890	IMP	A			
0.1763	PER	A			
0.2396	LOT	A			

Comment:

Manual Basin: 364

Scenario: Scenario1
Node: S364
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.3060 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1358	IMP	A			
0.0633	PER	A			
0.1069	LOT	A			

Comment:

Manual Basin: 365

Scenario: Scenario1
Node: DISCHARGE SYSTEM 15(B)
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.5635 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4574	LOT	A			
0.0375	PER	A			
0.0686	IMP	A			

Comment:

Manual Basin: 366

Scenario: Scenario1
 Node: S366
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4852 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2980	LOT	A			
0.0760	PER	A			
0.1112	IMP	A			

Comment:

Manual Basin: 367

Scenario: Scenario1
 Node: S367
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7418 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1719	LOT	A/D			
0.2927	LOT	A			
0.0038	PER	A/D			
0.0015	IMP	A/D			
0.0859	PER	A			
0.1860	IMP	A			

Comment:

Manual Basin: 368

Scenario: Scenario1
 Node: S368
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3715 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0043	IMP	A/D			
0.1975	IMP	A			
0.0949	PER	A			
0.0748	LOT	A			

Comment:

Manual Basin: 369

Scenario: Scenario1
 Node: S369
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3862 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1431	IMP	A			
0.0902	PER	A			
0.1529	LOT	A			

Comment:

Manual Basin: 37

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1044 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0137	IMP	A			
0.0478	PER	A			
0.0428	LOT	A			

Comment:

Manual Basin: 370

Scenario: Scenario1
 Node: STAGE AREA 370
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4955 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.0112	LOT	A			
0.3596	PER	A			
0.1247	IMP	A			

Comment:

Manual Basin: 371

Scenario: Scenario1
 Node: STAGE AREA 370
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1932 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0115	IMP	A			
0.2952	PER	A			
0.8865	LOT	A			

Comment:

Manual Basin: 372

Scenario: Scenario1
 Node: S372
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7455 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2766	LOT	A			
0.3478	PER	A			
0.1212	IMP	A			

Comment:

Manual Basin: 373

Scenario: Scenario1
 Node: S373
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3554 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2482	IMP	A			
0.5372	PER	A			
0.5701	LOT	A			

Comment:

Manual Basin: 374

Scenario: Scenario1
 Node: S374
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3012 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0678	IMP	A			
0,1567	PER	A			
0,0767	LOT	A			

Comment:

Manual Basin: 375

Scenario: Scenario1
 Node: S375
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2764 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0163	IMP	A			
0,1379	PER	A			
0,1222	LOT	A			

Comment:

Manual Basin: 376

Scenario: Scenario1
 Node: S376
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2240 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0174	IMP	A			
0,0631	PER	A			
0,1435	LOT	A			

Comment:

Manual Basin: 377

Scenario: Scenario1
 Node: S377
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0452 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0003	LOT	A			
0,0280	PER	A			
0,0169	IMP	A			

Comment:

Manual Basin: 378

Scenario: Scenario1
 Node: S378
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3627 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0574	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1454	PER	A			
0,1600	LOT	A			

Comment:

Manual Basin: 379

Scenario: Scenario1
 Node: S379
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4790 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2559	LOT	A			
0,1245	PER	A			
0,0986	IMP	A			

Comment:

Manual Basin: 38

Scenario: Scenario1
 Node: OUTFALL SYSTEM 1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3857 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,6119	LOT	A			
0,0786	LOT	A/D			
0,0540	PER	A/D			
0,5916	PER	A			
0,0497	IMP	A			

Comment:

Manual Basin: 380

Scenario: Scenario1
 Node: S380
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1478 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0393	LOT	A			
0,0857	PER	A			
0,0228	IMP	A			

Comment:

Manual Basin: 381

Scenario: Scenario1
 Node: PIPE 1753 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.0789 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1326	IMP	A			
0,5559	PER	A			
0,0545	IMP	A/D			
0,1657	PER	A/D			
1,1160	LOT	A			
0,0543	LOT	A/D			

Comment:

Manual Basin: 382

Scenario: Scenario1
 Node: S382
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9482 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3644	LOT	A			
0.3244	PER	A			
0.2594	IMP	A			

Comment:

Manual Basin: 383

Scenario: Scenario1
 Node: PIPE 1782 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3834 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4196	PER	A			
0.8965	LOT	A			
0.0673	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4196	PER	A			
0.8965	LOT	A			
0.0673	IMP	A			

Comment:

Manual Basin: 384

Scenario: Scenario1
 Node: S384
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3740 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2225	LOT	A			
0.1110	PER	A			
0.0405	IMP	A			

Comment:

Manual Basin: 385

Scenario: Scenario1
 Node: PIPE 1782 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2680 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4649	LOT	A			
0.7104	PER	A			
0.0928	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4649	LOT	A			
0.7104	PER	A			
0.0928	IMP	A			

Comment:

Manual Basin: 386

Scenario: Scenario1
 Node: S392
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6260 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1321	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1321	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4850	LOT	A			
0.0005	PER	A/D			
0.0084	LOT	A/D			

Comment:

Manual Basin: 387

Scenario: Scenario1
 Node: S387
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0363 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0681	PER	A/D			
0.0626	LOT	A/D			
0.2809	IMP	A/D			
0.3958	LOT	A			
0.1949	PER	A			
0.0340	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0681	PER	A/D			
0.0626	LOT	A/D			
0.2809	IMP	A/D			
0.3958	LOT	A			
0.1949	PER	A			
0.0340	IMP	A			

Comment:

Manual Basin: 388

Scenario: Scenario1
 Node: S388
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2167 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0714	IMP	A			
0.0940	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0714	IMP	A			
0.0940	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0485	LOT	A			
0.0029	IMP	A/D			

Comment:

Manual Basin: 389

Scenario: Scenario1
 Node: PIPE 1526 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6085 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4612	LOT	A/D			
0.0187	PER	A/D			
0.0006	IMP	A/D			
0.0429	IMP	A			
0.0379	PER	A			
0.0472	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4612	LOT	A/D			
0.0187	PER	A/D			
0.0006	IMP	A/D			
0.0429	IMP	A			
0.0379	PER	A			
0.0472	LOT	A			

Comment:

Manual Basin: 39

Scenario: Scenario1
 Node: OUTFALL SYSTEM 2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 4.6110 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7925	PER	A/D			
0.4062	LOT	A/D			
1.7690	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7925	PER	A/D			
0.4062	LOT	A/D			
1.7690	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1,5632	PER	A			
0,0638	IMP	A			
0,0163	IMP	A/D			

Comment:

Manual Basin: 390

Scenario: Scenario1
 Node: S390
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,5072 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3300	IMP	A/D			
0,1037	PER	A/D			
0,0725	LOT	A/D			
0,0009	IMP	A			

Comment:

Manual Basin: 391

Scenario: Scenario1
 Node: S391
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,3463 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2126	IMP	A/D			
0,0772	PER	A/D			
0,0562	LOT	A/D			
0,0004	IMP	A			

Comment:

Manual Basin: 392

Scenario: Scenario1
 Node: S392
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,3074 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1573	IMP	A			
0,1073	PER	A			
0,0005	LOT	A			
0,0371	IMP	A/D			
0,0052	PER	A/D			

Comment:

Manual Basin: 393

Scenario: Scenario1
 Node: S393
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,2609 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0020	LOT	A			
0,0968	PER	A			
0,1622	IMP	A			

Comment:

Manual Basin: 394

Scenario: Scenario1
 Node: S394
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2,2393 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3575	IMP	A			
0,2901	PER	A			
1,4231	LOT	A			
0,0039	PER	A/D			
0,1646	IMP	A/D			

Comment:

Manual Basin: 395

Scenario: Scenario1
 Node: S395
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,2517 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,8202	LOT	A			
0,2869	PER	A			
0,1446	IMP	A			

Comment:

Manual Basin: 396

Scenario: Scenario1
 Node: S396
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,0599 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0309	IMP	A			
0,0273	PER	A			
0,0017	LOT	A			

Comment:

Manual Basin: 397

Scenario: Scenario1
 Node: S397
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,5127 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1986	IMP	A			
0,0791	PER	A			
0,1899	LOT	A			
0,0425	IMP	A/D			
0,0027	PER	A/D			

Comment:

Manual Basin: 398

Scenario: Scenario1
 Node: S398
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.5041 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3638	IMP	A/D			
0.0901	PER	A/D			
0.0502	LOT	A/D			

Comment:

Manual Basin: 399

Scenario: Scenario1
 Node: PIPE 1501 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3295 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1723	IMP	A/D			
0.1895	PER	A/D			
0.9677	LOT	A/D			

Comment:

Manual Basin: 4

Scenario: Scenario1
 Node: PIPE 115 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2809 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0854	PER	A/D			
0.1730	LOT	A/D			
0.0225	IMP	A/D			

Comment:

Manual Basin: 40

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2704 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0942	LOT	A			
0.1376	PER	A			
0.0386	IMP	A			

Comment:

Manual Basin: 400

Scenario: Scenario1
 Node: S400
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3832 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2071	IMP	A/D			
0.0808	PER	A/D			
0.0839	LOT	A/D			
0.0113	IMP	A			

Comment:

Manual Basin: 401

Scenario: Scenario1
 Node: S401
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7398 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4287	LOT	A/D			
0.0759	PER	A/D			
0.2219	IMP	A/D			
0.0134	IMP	A			

Comment:

Manual Basin: 402

Scenario: Scenario1
 Node: S402
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3877 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0158	IMP	A/D			
0.0518	IMP	A			
0.0632	PER	A			
0.2568	LOT	A			

Comment:

Manual Basin: 403

Scenario: Scenario1
 Node: S403
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2973 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2469	LOT	A			
0.0209	PER	A			
0.0295	IMP	A			

Comment:

Manual Basin: 404

Scenario: Scenario1
 Node: S404
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2419 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0519	PER	A			
0.1666	IMP	A			
0.0233	LOT	A			

Comment:

Manual Basin: 405

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 12
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9385 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,4465	LOT	A			
0,4258	PER	A			
0,0661	IMP	A			

Comment:

Manual Basin: 406

Scenario: Scenario1
 Node: S406
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,0681 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1739	LOT	A/D			
0,1417	PER	A/D			
0,0606	IMP	A/D			
0,1882	PER	A			
0,4588	LOT	A			
0,0449	IMP	A			

Comment:

Manual Basin: 407

Scenario: Scenario1
 Node: S407
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,4324 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1960	IMP	A/D			
0,1535	PER	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0829	LOT	A/D			

Comment:

Manual Basin: 408

Scenario: Scenario1
 Node: S408
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,7095 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1899	LOT	A			
0,0550	PER	A			
0,1345	PER	A/D			
0,1489	IMP	A/D			
0,0081	LOT	A/D			
0,1730	IMP	A			

Comment:

Manual Basin: 409

Scenario: Scenario1
 Node: S409
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1,1912 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2378	IMP	A			
0,2237	PER	A			
0,7297	LOT	A			

Comment:

Manual Basin: 411

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,1009 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0406	IMP	A			
0,0517	PER	A			
0,0086	LOT	A			

Comment:

Manual Basin: 410

Scenario: Scenario1
 Node: S410
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,3363 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1912	IMP	A			
0,1438	PER	A			
0,0013	LOT	A			

Comment:

Manual Basin: 411

Scenario: Scenario1

Node: S411
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2,8852 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2547	IMP	A			
0,4927	PER	A			
0,7703	LOT	A			
0,8148	LOT	A/D			
0,4548	PER	A/D			
0,0980	IMP	A/D			

Comment:

Manual Basin: 412

Scenario: Scenario1
 Node: S412
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0,1609 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0893	PER	A/D			
0,0471	IMP	A/D			
0,0140	IMP	A			
0,0105	PER	A			

Comment:

Manual Basin: 413

Scenario: Scenario1
 Node: S413
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1632 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0211	IMP	A/D			
0,0213	IMP	A			
0,1065	PER	A			
0,0043	PER	A/D			
0,0101	LOT	A			

Comment:

Manual Basin: 414

Scenario: Scenario1
 Node: S414(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4515 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,4830	PER	A			
0,8688	LOT	A			
0,0997	IMP	A			

Comment:

Manual Basin: 415

Scenario: Scenario1
 Node: S415
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 1.3340 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,3476	PER	A			
0,8879	LOT	A			
0,0985	IMP	A			

Comment:

Manual Basin: 416

Scenario: Scenario1
 Node: S416
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5903 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1136	IMP	A			
0,2916	PER	A			
0,1641	LOT	A			
0,0193	IMP	A/D			
0,0017	PER	A/D			

Comment:

Manual Basin: 417

Scenario: Scenario1
 Node: S416
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3213 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1141	IMP	A			
0,2073	PER	A			

Comment:

Manual Basin: 418

Scenario: Scenario1
 Node: STAGE AREA 520
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3974 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0955	PER	A			
0,2882	LOT	A			
0,0137	IMP	A			

Comment:

Manual Basin: 419

Scenario: Scenario1
 Node: STAGE AREA 520
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.7120 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0750	IMP	A			
0,4736	PER	A			
1,1635	LOT	A			

Comment:

Manual Basin: 42

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2769 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0739	PER	A			
0,2002	LOT	A			
0,0028	IMP	A			

Comment:

Manual Basin: 420

Scenario: Scenario1
 Node: S420
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4111 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1012	IMP	A			
0,2161	PER	A			
0,0937	LOT	A			

Comment:

Manual Basin: 421

Scenario: Scenario1
 Node: S421
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6385 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3208	PER	A			
0.1035	IMP	A			
0.2142	LOT	A			

Comment:

Manual Basin: 422

Scenario: Scenario1
 Node: S422
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5968 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1865	PER	A			
0.3660	LOT	A			
0.0443	IMP	A			

Comment:

Manual Basin: 423

Scenario: Scenario1
 Node: S423
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4829 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2236	PER	A			
0.0694	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1899	LOT	A			

Comment:

Manual Basin: 424

Scenario: Scenario1
 Node: S423
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1085 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1733	IMP	A			
0.4938	PER	A			
0.4414	LOT	A			

Comment:

Manual Basin: 425

Scenario: Scenario1
 Node: S425
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8092 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4893	LOT	A			
0.2204	PER	A			
0.0529	IMP	A			
0.0285	IMP	A/D			
0.0181	PER	A/D			

Comment:

Manual Basin: 426

Scenario: Scenario1
 Node: SWALE ENTRY 426
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2281 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3620	PER	A			
0.0919	LOT	A			
0.2073	IMP	A			
0.2310	LOT	A/D			
0.2501	PER	A/D			
0.0857	IMP	A/D			

Comment:

Manual Basin: 427

Scenario: Scenario1
 Node: S427
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6790 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3261	LOT	A			
0.2188	PER	A			
0.0187	IMP	A			
0.0268	IMP	A/D			
0.0776	PER	A/D			
0.0109	LOT	A/D			

Comment:

Manual Basin: 428

Scenario: Scenario1
 Node: S521
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5232 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1670	LOT	A/D			
0.0377	PER	A/D			
0.0645	LOT	A			
0.1673	PER	A			
0.0867	IMP	A			

Comment:

Manual Basin: 429

Scenario: Scenario1
 Node: S429
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9964 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5100	LOT	A			
0.2150	PER	A			
0.0501	IMP	A			
0.7407	LOT	A/D			
0.3427	PER	A/D			
0.1379	IMP	A/D			

Comment:

Manual Basin: 43

Scenario: Scenario1
 Node: Overland Flow Entry 47

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9187 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1682	IMP	A			
0.4175	PER	A			
0.3329	LOT	A			

Comment:

Manual Basin: 430

Scenario: Scenario1
 Node: 5430
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3122 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0430	IMP	A/D			
0.1249	PER	A/D			
0.0691	LOT	A/D			
0.0531	LOT	A			
0.0221	PER	A			

Comment:

Manual Basin: 431

Scenario: Scenario1
 Node: 5431
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2769 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1096	IMP	A			
0.4258	PER	A			
0.7415	LOT	A			

Comment:

Manual Basin: 432

Scenario: Scenario1
 Node: OUTFALL BOAT RAMP
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.8545 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7606	PER	A			
0.2279	IMP	A			
0.8550	LOT	A			
0.0111	LOT	A/D			

Comment:

Manual Basin: 433

Scenario: Scenario1
 Node: 5433
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3666 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0861	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0706	IMP	A			
0.2037	LOT	A			
0.0062	LOT	A/D			

Comment:

Manual Basin: 434

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 10
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9054 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.5664	PER	A			
0.3391	IMP	A			

Comment:

Manual Basin: 435

Scenario: Scenario1
 Node: BAY DISCHARGE
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 4.1598 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.2188	PER	A			
0.0559	IMP	A			
0.8850	LOT	A			

Comment:

Manual Basin: 436

Scenario: Scenario1
 Node: 5436
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1453 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1131	IMP	A			
1.0322	LOT	A			

Comment:

Manual Basin: 437

Scenario: Scenario1
 Node: BAY DISCHARGE
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6208 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3458	LOT	A			
0.2193	PER	A			
0.0557	IMP	A			

Comment:

Manual Basin: 438

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 13
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4591 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0400	IMP	A			
0.2429	PER	A			
0.1762	LOT	A			

Comment:

Manual Basin: 439

Scenario: Scenario1
 Node: STAGE AREA 439
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1844 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1618	LOT	A			
0.0225	IMP	A			

Comment:

Manual Basin: 44

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1944 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1925	LOT	A			
0.0020	PER	A			

Comment:

Manual Basin: 440

Scenario: Scenario1
 Node: UNKNOWN COLLECTION 440
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.4559 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3160	IMP	A			
3.0620	LOT	A			
0.0217	LOT	A/D			
0.0058	IMP	A/D			
0.0044	PER	A/D			
0.0460	PER	A			

Comment:

Manual Basin: 441

Scenario: Scenario1
 Node: S441
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1728 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0561	IMP	A			
0.1167	LOT	A			

Comment:

Manual Basin: 442

Scenario: Scenario1
 Node: S441
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1044 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0443	IMP	A			
0.0601	LOT	A			

Comment:

Manual Basin: 443

Scenario: Scenario1
 Node: S433(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3000 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0340	IMP	A			
0.0375	IMP	A/D			
0.0164	PER	A			
0.2121	PER	A/D			

Comment:

Manual Basin: 444

Scenario: Scenario1
 Node: S444(CURB)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5865 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2310	IMP	A/D			
0.0267	LOT	A/D			
0.0000	PER	A/D			
0.2337	IMP	A			
0.0288	PER	A			
0.0662	LOT	A			

Comment:

Manual Basin: 445

Scenario: Scenario1
 Node: S445
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0714 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0691	IMP	A/D			
0.1189	PER	A/D			
0.1274	LOT	A/D			
0.2805	PER	A			
0.3405	LOT	A			
0.1350	IMP	A			

Comment:

Manual Basin: 446

Scenario: Scenario1
 Node: STAGE AREA 446
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.4801 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.8134	LOT	A			
0.5550	PER	A			
0.1117	IMP	A			

Comment:

Manual Basin: 447

Scenario: Scenario1
 Node: S449
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3066 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0321	IMP	A/D			
0.0230	LOT	A			
0.1489	PER	A			
0.0452	PER	A/D			
0.0575	IMP	A			

Comment:

Manual Basin: 448

Scenario: Scenario1
 Node: S448
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1744 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1331	LOT	A/D			
0.0269	PER	A/D			
0.0143	IMP	A/D			

Comment:

Manual Basin: 449

Scenario: Scenario1
 Node: S449
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0760 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0677	IMP	A/D			
0.0084	PER	A/D			

Comment:

Manual Basin: 45

Scenario: Scenario1
 Node: PIPE 208 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3775 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1722	LOT	A			
0.1563	PER	A			
0.0490	IMP	A			

Comment:

Manual Basin: 450

Scenario: Scenario1
 Node: UNKNOWN COLLECTION 440
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1523 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1043	IMP	A/D			
0.0223	LOT	A			
0.0081	IMP	A			
0.0173	LOT	A/D			
0.0004	PER	A/D			

Comment:

Manual Basin: 451

Scenario: Scenario1
 Node: UNKNOWN COLLECTION 440
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6355 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3090	LOT	A/D			
0.1341	IMP	A/D			
0.0022	PER	A/D			
0.0051	IMP	A			
0.1851	LOT	A			

Comment:

Manual Basin: 452

Scenario: Scenario1
 Node: S420

Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4115 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1083	IMP	A			
0.2542	PER	A			
0.0490	LOT	A			

Comment:

Manual Basin: 453

Scenario: Scenario1
 Node: S453
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0747 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3064	PER	A			
0.4927	LOT	A			
0.0585	IMP	A			
0.1271	LOT	A/D			
0.0714	PER	A/D			
0.0185	IMP	A/D			

Comment:

Manual Basin: 454

Scenario: Scenario1
 Node: S453
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1332 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0876	PER	A			
0.0457	IMP	A			

Comment:

Manual Basin: 455

Scenario: Scenario1
 Node: UNKNOWN PIPE DIRECTION 411
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1839 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0936	LOT	A			
0.0590	PER	A			
0.0253	IMP	A			
0.0015	PER	A/D			
0.0044	IMP	A/D			

Comment:

Manual Basin: 456

Scenario: Scenario1
 Node: S430
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.2629 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0242	IMP	A/D			
0.0644	PER	A/D			
0.0076	LOT	A/D			
0.7647	PER	A			
0.1637	IMP	A			
1.2383	LOT	A			

Comment:

Manual Basin: 457

Scenario: Scenario1
 Node: S457
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1242 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0637	IMP	A			
0.0605	PER	A			

Comment:

Manual Basin: 458

Scenario: Scenario1
 Node: S458(CURB)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0412 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0226	PER	A			
0.0186	IMP	A			

Comment:

Manual Basin: 459

Scenario: Scenario1
 Node: S459
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.7034 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6605	LOT	A/D			
0.3496	IMP	A/D			
0.4777	LOT	A			
0.1004	PER	A/D			
0.0652	IMP	A			
0.0500	PER	A			

Comment:

Manual Basin: 46

Scenario: Scenario1
 Node: PIPE 208 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3704 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1707	PER	A			
0.0767	IMP	A			
0.1230	LOT	A			

Comment:

Manual Basin: 460

Scenario: Scenario1
 Node: M460
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6674 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1364	LOT	A/D			
0.0238	IMP	A/D			
0.3902	LOT	A			
0.0546	PER	A			
0.0450	IMP	A			
0.0175	PER	A/D			

Comment:

Manual Basin: 461

Scenario: Scenario1
 Node: S461
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4526 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1078	LOT	A/D			
0.0813	IMP	A/D			
0.0583	PER	A/D			
0.1031	LOT	A			
0.0477	PER	A			
0.0545	IMP	A			

Comment:

Manual Basin: 462

Scenario: Scenario1
 Node: S462
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3350 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0818	IMP	A			
0.0220	LOT	A			
0.1731	LOT	A/D			
0.0020	PER	A			
0.0561	IMP	A/D			

Comment:

Manual Basin: 463

Scenario: Scenario1
 Node: S463
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9342 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1216	IMP	A/D			
0.0870	PER	A/D			
0.7255	LOT	A/D			

Comment:

Manual Basin: 464

Scenario: Scenario1
 Node: S464
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min

Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3471 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0598	PER	A			
0.0642	IMP	A			
0.0785	IMP	A/D			
0.0318	LOT	A			
0.0657	PER	A/D			
0.0471	LOT	A/D			

Comment:

Manual Basin: 465

Scenario: Scenario1
 Node: S465
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3495 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0072	IMP	A/D			
0.0786	IMP	A			
0.0163	PER	A/D			
0.0510	PER	A			
0.0076	LOT	A/D			
0.1888	LOT	A			

Comment:

Manual Basin: 466

Scenario: Scenario1
 Node: BAY DISCHARGE 466
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.7574 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5624	LOT	A			
1.0875	PER	A			
0.1076	IMP	A			

Comment:

Manual Basin: 467

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 12
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0231 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4316	PER	A			
0.5101	LOT	A			
0.0814	IMP	A			

Comment:

Manual Basin: 468

Scenario: Scenario1
 Node: DISCHARGE SYSTEM 12
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5723 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3165	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0272	IMP	A			
0.2286	PER	A			

Comment:

Manual Basin: 469

Scenario: Scenario1
 Node: S469
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8056 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0380	PER	A/D			
0.0031	LOT	A/D			
0.6576	LOT	A			
0.0649	PER	A			
0.0371	IMP	A			
0.0049	IMP	A/D			

Comment:

Manual Basin: 47

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.9524 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.7903	PER	A			
0.9520	LOT	A			
0.2102	IMP	A			

Comment:

Manual Basin: 470

Scenario: Scenario1
 Node: 5470
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1565 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1126	IMP	A/D			
0.0438	PER	A/D			
0.0001	PER	A			

Comment:

Manual Basin: 471

Scenario: Scenario1
 Node: 5481
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2790 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.1112	LOT	A			
0.0274	LOT	A/D			
0.1404	IMP	A			

Comment:

Manual Basin: 472

Scenario: Scenario1
 Node: 5472
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2066 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0601	IMP	A			
0.1465	LOT	A			

Comment:

Manual Basin: 473

Scenario: Scenario1
 Node: PIPE 351 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3109 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0691	IMP	A			
0.2418	LOT	A			

Comment:

Manual Basin: 474

Scenario: Scenario1
 Node: PIPE 355 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.2491 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2134	LOT	A			
0.0357	IMP	A			
0.0000	PER	A			

Comment:

Manual Basin: 475

Scenario: Scenario1
 Node: PIPE 354 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0414 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0282	LOT	A			
0.0132	IMP	A			

Comment:

Manual Basin: 476

Scenario: Scenario1
 Node: PIPE 353 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2118 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1920	LOT	A			
0.0198	IMP	A			

Comment:

Manual Basin: 477

Scenario: Scenario1
 Node: PIPE 352 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1209 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0932	LOT	A			
0.0277	IMP	A			

Comment:

Manual Basin: 478

Scenario: Scenario1
 Node: SWALE ENTRY 478
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1307 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0905	LOT	A			
0.0402	IMP	A			

Comment:

Manual Basin: 479

Scenario: Scenario1
 Node: PIPE 323 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
Area: 1.1415 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1011	IMP	A/D			
0.7324	LOT	A/D			
0.2879	LOT	A			
0.0201	IMP	A			

Comment:

Manual Basin: 48

Scenario: Scenario1
Node: PIPE 208 ENTRY
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.1390 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6043	LOT	A			
0.3282	PER	A			
0.0597	IMP	A			
0.6323	LOT	A/D			
0.4024	PER	A/D			
0.1121	IMP	A/D			

Comment:

Manual Basin: 480

Scenario: Scenario1
Node: PIPE 325 EXIT
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.6521 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0058	IMP	A			
0.0645	IMP	A/D			
0.3048	LOT	A/D			
0.2770	LOT	A			

Comment:

Manual Basin: 481

Scenario: Scenario1
Node: S481
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.4761 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0420	IMP	A			
0.1891	LOT	A			
0.2201	LOT	A/D			
0.0248	IMP	A/D			

Comment:

Manual Basin: 482

Scenario: Scenario1
Node: PIPE 321 EXIT
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.5124 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0342	IMP	A			
0.4782	LOT	A			

Comment:

Manual Basin: 483

Scenario: Scenario1
Node: S483
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.2092 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0390	IMP	A			
0.1702	LOT	A			

Comment:

Manual Basin: 484

Scenario: Scenario1
Node: S483
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.1233 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0174	IMP	A			
0.1059	LOT	A			

Comment:

Manual Basin: 485

Scenario: Scenario1
Node: PIPE 317 ENTRY
Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.8548 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0948	IMP	A			
0.7599	LOT	A			

Comment:

Manual Basin: 486

Scenario: Scenario1
Node: S486
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.3941 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3368	LOT	A			
0.0573	IMP	A			

Comment:

Manual Basin: 487

Scenario: Scenario1
Node: S487
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 9999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.2881 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0456	IMP	A			
0,4573	LOT	A			
0,1149	IMP	A/D			
0,6704	LOT	A/D			

Comment:

Manual Basin: 488

Scenario: Scenario1
 Node: PIPE 326 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8638 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0702	IMP	A/D			
0,1929	LOT	A/D			
0,0047	IMP	A			
0,5960	LOT	A			

Comment:

Manual Basin: 489

Scenario: Scenario1
 Node: S499
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6513 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1024	IMP	A			
0,2017	PER	A			
0,2441	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,7466	LOT	A/D			
0,2958	PER	A/D			
0,0607	IMP	A/D			

Comment:

Manual Basin: 49

Scenario: Scenario1
 Node: PIPE 232 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2455 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0020	PER	A			
0,0311	LOT	A			
0,1061	LOT	A/D			
0,0802	PER	A/D			
0,0260	IMP	A/D			
0,0000	IMP	A			

Comment:

Manual Basin: 490

Scenario: Scenario1
 Node: S490
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6417 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2403	IMP	A			
0,2851	PER	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1163	LOT	A			

Comment:

Manual Basin: 491

Scenario: Scenario1
 Node: S491
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5168 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2449	LOT	A/D			
0,1287	LOT	A			
0,0479	PER	A			
0,0317	IMP	A			
0,0159	PER	A/D			
0,0477	IMP	A/D			

Comment:

Manual Basin: 492

Scenario: Scenario1
 Node: S492(A)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2335 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0053	IMP	A			
0,0104	IMP	A/D			
0,0230	LOT	A			
0,1947	LOT	A/D			

Comment:

Manual Basin: 493

Scenario: Scenario1
 Node: S493
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3101 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0570	PER	A/D			
0,0226	IMP	A/D			
0,1883	PER	A			
0,0417	IMP	A			
0,0005	LOT	A			

Comment:

Manual Basin: 494

Scenario: Scenario1
 Node: S494
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0980 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0303	PER	A/D			
0,0277	IMP	A/D			
0,0208	IMP	A			
0,0192	PER	A			

Comment:

Manual Basin: 495

Scenario: Scenario1
 Node: S495
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0896 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0474	PER	A			
0,0021	LOT	A			
0,0401	IMP	A			

Comment:

Manual Basin: 496

Scenario: Scenario1
 Node: SWALE 173
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4241 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0521	IMP	A			
0,0742	PER	A			
0,0314	IMP	A/D			
0,1149	PER	A/D			
0,0013	LOT	A			
0,1503	LOT	A/D			

Comment:

Manual Basin: 497

Scenario: Scenario1
 Node: S174
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3873 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1050	IMP	A			
0,2114	PER	A			
0,0709	LOT	A			

Comment:

Manual Basin: 498

Scenario: Scenario1
 Node: SWALE 498 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1685 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0376	IMP	A			
0,1082	PER	A			
0,0228	LOT	A			

Comment:

Manual Basin: 499

Scenario: Scenario1
 Node: S182
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0231 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0047	IMP	A			
0,0141	PER	A			
0,0043	LOT	A			

Comment:

Manual Basin: 5

Scenario: Scenario1
 Node: PIPE 115 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5194 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0776	PER	A			
0,0333	IMP	A			
0,0409	LOT	A			
0,1135	PER	A/D			
0,2268	LOT	A/D			
0,0273	IMP	A/D			

Comment:

Manual Basin: 50

Scenario: Scenario1
 Node: S50
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6364 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1416	IMP	A/D			
0,3435	PER	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0236	IMP	A			
0,2538	PER	A			
0,4224	LOT	A			
0,4516	LOT	A/D			

Comment:

Manual Basin: 500

Scenario: Scenario1
 Node: SWALE 500 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1858 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0697	IMP	A			
0,0943	PER	A			
0,0218	LOT	A			

Comment:

Manual Basin: 501

Scenario: Scenario1
 Node: SWALE 501 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1616 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0340	IMP	A			
0,1121	PER	A			
0,0155	LOT	A			

Comment:

Manual Basin: 502

Scenario: Scenario1
 Node: PIPE 701 DIRECTION UNKNOWN
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0479 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0104	IMP	A			
0.0278	PER	A			
0.0097	LOT	A			

Comment:

Manual Basin: 503

Scenario: Scenario1
 Node: STAGE AREA 178
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0511 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0169	IMP	A			
0.0329	PER	A			
0.0012	LOT	A			

Comment:

Manual Basin: 504

Scenario: Scenario1

Node: S174
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1397 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0244	IMP	A			
0.0674	PER	A			
0.0479	LOT	A			

Comment:

Manual Basin: 505

Scenario: Scenario1
 Node: S505
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6098 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0971	IMP	A			
0.2335	PER	A			
0.2793	LOT	A			

Comment:

Manual Basin: 506

Scenario: Scenario1
 Node: S98
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 0.5610 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3892	LOT	A			
0.1431	PER	A			
0.0287	IMP	A			

Comment:

Manual Basin: 507

Scenario: Scenario1
 Node: S101
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0417 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1164	IMP	A			
0.3308	PER	A			
0.4714	LOT	A			
0.0646	LOT	A/D			
0.0405	PER	A/D			
0.0180	IMP	A/D			

Comment:

Manual Basin: 508

Scenario: Scenario1
 Node: Overland Flow Entry
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1117 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0298	IMP	A			
0.0747	PER	A			
0.0073	LOT	A			

Comment:

Manual Basin: 509

Scenario: Scenario1
 Node: Overland Flow Entry
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2589 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1448	PER	A			
0.0881	LOT	A			
0.0260	IMP	A			

Comment:

Manual Basin: 51

Scenario: Scenario1
 Node: S50
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2761 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0389	IMP	A			
0.0976	PER	A			
0.1396	LOT	A			

Comment:

Manual Basin: 510

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1362 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1055	PER	A			
0.0304	IMP	A			
0.0003	LOT	A			

Comment:

Manual Basin: 511

Scenario: Scenario1
 Node: Overland Flow Entry 47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1505 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0830	PER	A			
0.0675	IMP	A			

Comment:

Manual Basin: 512

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0392	IMP	A/D			
0.0669	PER	A/D			
0.0109	LOT	A/D			
0.0001	IMP	A			

Comment:

Manual Basin: 515

Scenario: Scenario1
 Node: S17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1003 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0154	IMP	A			
0.0494	PER	A			
0.0026	LOT	A			
0.0110	IMP	A/D			
0.0212	PER	A/D			
0.0006	LOT	A/D			

Comment:

Manual Basin: 516

Scenario: Scenario1
 Node: S152
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3285 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1839	LOT	A			

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1582 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0662	PER	A/D			
0.0341	IMP	A/D			
0.0423	LOT	A/D			
0.6057	LOT	A			
0.3353	PER	A			
0.0747	IMP	A			

Comment:

Manual Basin: 513

Scenario: Scenario1
 Node: S34
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4742 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0940	IMP	A			
0.2174	PER	A			
0.1618	LOT	A			
0.0009	IMP	A/D			

Comment:

Manual Basin: 514

Scenario: Scenario1
 Node: UNKNOWN PIPE DIRECTION 10
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1171 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1050	PER	A			
0.0396	IMP	A			

Comment:

Manual Basin: 517

Scenario: Scenario1
 Node: S517
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0676 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0389	IMP	A/D			
0.0287	PER	A/D			

Comment:

Manual Basin: 518

Scenario: Scenario1
 Node: S518
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4345 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0185	IMP	A			
0.0069	PER	A			
0.1928	PER	A/D			
0.0975	IMP	A/D			
0.1189	LOT	A/D			

Comment:

Manual Basin: 519

Scenario: Scenario1
 Node: S519
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0475 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0304	IMP	A/D			
0.0171	PER	A/D			

Comment:

Manual Basin: 52

Scenario: Scenario1
 Node: S50
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2526 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2181	LOT	A/D			
0.0345	PER	A/D			

Comment:

Manual Basin: 520

Scenario: Scenario1
 Node: STAGE AREA 520
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 0.7898 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0316	PER	A/D			
0.0002	IMP	A/D			
0.1130	IMP	A			
0.2572	PER	A			
0.0140	LOT	A/D			
0.3739	LOT	A			

Comment:

Manual Basin: 521

Scenario: Scenario1
 Node: S521
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5425 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1024	IMP	A			
0.3119	PER	A			
0.2826	LOT	A			
0.0213	IMP	A/D			
0.2239	PER	A/D			
0.6004	LOT	A/D			

Comment:

Manual Basin: 522

Scenario: Scenario1
 Node: S430
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.5206 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0567	IMP	A/D			
0.1455	PER	A/D			
0.0191	LOT	A/D			
0.2553	LOT	A			
0.0440	PER	A			

Comment:

Manual Basin: 523

Scenario: Scenario1
 Node: BAY DISCHARGE 466
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8210 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5372	LOT	A			
0.2182	PER	A			
0.0656	IMP	A			

Comment:

Manual Basin: 524

Scenario: Scenario1
 Node: S527
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3284 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0989	LOT	A			
0.0722	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1573	PER	A			

Comment:

Manual Basin: 525

Scenario: Scenario1
 Node: UNKNOWN PIPE COLLECTION 526
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1849 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0816	PER	A/D			
0.0001	IMP	A/D			
0.0152	IMP	A			
0.0142	PER	A			
0.0738	LOT	A/D			

Comment:

Manual Basin: 526

Scenario: Scenario1
 Node: UNKNOWN PIPE COLLECTION 526
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7617 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0457	IMP	A			
0.0440	PER	A			
0.0464	IMP	A/D			
0.2017	PER	A/D			
0.4048	LOT	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0192	LOT	A			

Comment:

Manual Basin: 527

Scenario: Scenario1
 Node: S527
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2963 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0584	IMP	A			
0,1437	PER	A			
0,0942	LOT	A			

Comment:

Manual Basin: 528

Scenario: Scenario1
 Node: S528
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1241 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0954	PER	A			
0,0219	LOT	A			
0,0067	IMP	A			

Comment:

Manual Basin: 529

Scenario: Scenario1
 Node: PIPE 1753 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4838 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0144	IMP	A			
0,1545	PER	A			
0,3149	LOT	A			

Comment:

Manual Basin: 53

Scenario: Scenario1
 Node: S53
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4087 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0019	LOT	A			
0,1010	LOT	A/D			
0,2137	PER	A/D			
0,0001	PER	A			
0,0921	IMP	A/D			

Comment:

Manual Basin: 530

Scenario: Scenario1
 Node: S530
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number

Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2501 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1776	IMP	A			
0,5742	PER	A			
0,4983	LOT	A			

Comment:

Manual Basin: 531

Scenario: Scenario1
 Node: STAGE AREA 221
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3011 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1067	IMP	A			
0,1945	PER	A			

Comment:

Manual Basin: 54

Scenario: Scenario1
 Node: S494
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1409 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0775	PER	A			
0,0539	LOT	A			
0,0095	IMP	A			

Comment:

Manual Basin: 55

Scenario: Scenario1
 Node: S494
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2433 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1316	PER	A			
0,0871	IMP	A			
0,0247	LOT	A			

Comment:

Manual Basin: 56

Scenario: Scenario1
 Node: S56
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5022 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0304	IMP	A/D			
0,0090	PER	A/D			
0,0611	IMP	A			
0,1756	PER	A			
0,2260	LOT	A			

Comment:

Manual Basin: 57

Scenario: Scenario1
 Node: STAGE AREA 57
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6768 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4622	PER	A			
0.8892	LOT	A			
0.1728	IMP	A			
0.0646	PER	A/D			
0.0243	IMP	A/D			
0.0637	LOT	A/D			

Comment:

Manual Basin: 58

Scenario: Scenario1
 Node: S58
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7012 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1164	LOT	A			
0.0772	PER	A			
0.0043	IMP	A			
0.1316	IMP	A/D			
0.2766	PER	A/D			
0.0952	LOT	A/D			

Comment:

Manual Basin: 59

Scenario: Scenario1
 Node: S59
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1150 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0426	IMP	A			
0.0640	PER	A			
0.0084	LOT	A			

Comment:

Manual Basin: 6

Scenario: Scenario1
 Node: S17
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6598 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1173	IMP	A			
0.2701	PER	A			
0.2435	LOT	A			
0.0288	IMP	A/D			

Comment:

Manual Basin: 60

Scenario: Scenario1
 Node: S60
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4112 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0233	IMP	A			
0.0115	PER	A			
0.1770	PER	A/D			
0.0280	IMP	A/D			
0.1715	LOT	A/D			

Comment:

Manual Basin: 61

Scenario: Scenario1
 Node: S60(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2827 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0067	IMP	A			
0.0017	PER	A			
0.0383	IMP	A/D			
0.0967	PER	A/D			
0.1392	LOT	A/D			

Comment:

Manual Basin: 62

Scenario: Scenario1
 Node: S62
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.3277 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5300	LOT	A/D			
0.1453	PER	A/D			
0.0070	IMP	A/D			
0.3666	LOT	A			
0.2220	PER	A			
0.0569	IMP	A			

Comment:

Manual Basin: 63

Scenario: Scenario1
 Node: S62
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1975 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0270	IMP	A/D			
0.0748	PER	A/D			
0.0957	LOT	A/D			

Comment:

Manual Basin: 64

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3382 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0304	IMP	A/D			
0.0559	PER	A/D			
0.0315	LOT	A/D			
0.0487	IMP	A			
0.1438	PER	A			
0.0278	LOT	A			

Comment:

Manual Basin: 65

Scenario: Scenario1
 Node: OFFSITE DRAINAGE 2
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.0941 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0116	LOT	A			
0.0581	PER	A			
0.0244	IMP	A			

Comment:

Manual Basin: 66

Scenario: Scenario1
 Node: SWALE ENTRY 66
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7353 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0561	IMP	A			
0.3950	LOT	A			
0.2046	PER	A			
0.0224	IMP	A/D			
0.0573	PER	A/D			
0.0000	LOT	A/D			

Comment:

Manual Basin: 67

Scenario: Scenario1
 Node: S67
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8138 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0450	IMP	A/D			
0.0588	PER	A/D			
0.0034	LOT	A/D			
0.0734	IMP	A			
0.2855	PER	A			
0.3476	LOT	A			

Comment:

Manual Basin: 68

Scenario: Scenario1
 Node: SWALE ENTRY 66
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.0108 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0721	IMP	A			
0.2839	PER	A			
0.5188	LOT	A			
0.0585	LOT	A/D			
0.0618	PER	A/D			
0.0157	IMP	A/D			

Comment:

Manual Basin: 69

Scenario: Scenario1
 Node: PIPE 327 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2242 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0001	PER	A			
0.1214	PER	A/D			
0.0001	LOT	A			
0.0539	LOT	A/D			
0.0486	IMP	A/D			

Comment:

Manual Basin: 7

Scenario: Scenario1
 Node: S7
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3573 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0040	IMP	A			
0.1503	IMP	A/D			
0.1739	PER	A/D			
0.0290	LOT	A/D			
0.0001	PER	A			

Comment:

Manual Basin: 70

Scenario: Scenario1
 Node: STAGE AREA 70
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.7873 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1520	IMP	A			
0.4955	PER	A			
0.0933	IMP	A/D			
0.4978	PER	A/D			
0.4795	LOT	A			
1.0693	LOT	A/D			

Comment:

Manual Basin: 71

Scenario: Scenario1
 Node: STAGE AREA 71
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1375 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0349	IMP	A/D			
0,0833	PER	A/D			
0,0066	LOT	A/D			
0,0060	PER	A			
0,0066	IMP	A			

Comment:

Manual Basin: 72

Scenario: Scenario1
 Node: S80
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1782 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1,0031	LOT	A			
0,1186	PER	A			
0,0565	IMP	A			

Comment:

Manual Basin: 73

Scenario: Scenario1
 Node: PIPE 350 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.8646 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0629	IMP	A			
0,1671	PER	A			
1,3592	LOT	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2,1876	LOT	A/D			
0,0638	PER	A/D			
0,0239	IMP	A/D			

Comment:

Manual Basin: 74

Scenario: Scenario1
 Node: PIPE 327 EXIT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.4776 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0215	IMP	A			
0,0241	PER	A			
0,0863	IMP	A/D			
0,0041	LOT	A			
0,2142	PER	A/D			
0,1274	LOT	A/D			

Comment:

Manual Basin: 75

Scenario: Scenario1
 Node: S75
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1421 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0028	LOT	A/D			
0,0042	PER	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0927	PER	A			
0,0098	LOT	A			
0,0326	IMP	A			

Comment:

Manual Basin: 76

Scenario: Scenario1
 Node: S76
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2792 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1871	PER	A			
0,0338	LOT	A			
0,0583	IMP	A			

Comment:

Manual Basin: 77

Scenario: Scenario1
 Node: S80
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2793 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2793	LOT	A			

Comment:

Manual Basin: 78

Scenario: Scenario1
 Node: PIPE 346 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2152 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,1279	LOT	A/D			
0,0586	PER	A/D			
0,0287	IMP	A/D			

Comment:

Manual Basin: 79

Scenario: Scenario1
 Node: PIPE 347 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3210 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2097	LOT	A/D			
0,0732	PER	A/D			
0,0380	IMP	A/D			

Comment:

Manual Basin: 8

Scenario: Scenario1
 Node: PIPE 117 ENTRY
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1187 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2533	PER	A/D			
0.0243	IMP	A/D			
0.5987	LOT	A/D			
0.0982	PER	A			
0.1099	LOT	A			
0.0343	IMP	A			

Comment:

Manual Basin: 80

Scenario: Scenario1
 Node: S80
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.8068 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.0694	LOT	A			
0.5877	LOT	A/D			
0.0989	PER	A/D			
0.0508	IMP	A/D			

Comment:

Manual Basin: 81

Scenario: Scenario1
 Node: S81(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0

Area: 0.4987 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0978	IMP	A/D			
0.0808	PER	A/D			
0.0005	LOT	A/D			
0.0340	IMP	A			
0.0890	PER	A			
0.1966	LOT	A			

Comment:

Manual Basin: 82

Scenario: Scenario1
 Node: S81(B)
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3091 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0391	IMP	A			
0.0613	PER	A			
0.2086	LOT	A			

Comment:

Manual Basin: 83

Scenario: Scenario1
 Node: S124
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9865 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1215	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2510	PER	A			
0.6141	LOT	A			

Comment:

Manual Basin: 84

Scenario: Scenario1
 Node: SWALE 88
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.8991 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0667	PER	A/D			
0.2079	LOT	A/D			
0.0080	IMP	A/D			
0.2384	PER	A			
0.1080	IMP	A			
0.2700	LOT	A			

Comment:

Manual Basin: 85

Scenario: Scenario1
 Node: S85
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3266 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0388	IMP	A/D			
0.0874	PER	A/D			
0.1178	LOT	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0503	PER	A			
0.0048	LOT	A			
0.0275	IMP	A			

Comment:

Manual Basin: 86

Scenario: Scenario1
 Node: S86
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2903 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1322	IMP	A/D			
0.4385	PER	A/D			
0.7119	LOT	A/D			
0.0076	PER	A			

Comment:

Manual Basin: 87

Scenario: Scenario1
 Node: S87
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9156 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0815	IMP	A/D			
0.3840	PER	A/D			
0.4500	LOT	A/D			

Comment:

Manual Basin: 88

Scenario: Scenario1
 Node: SWALE 88
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2656 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0662	IMP	A/D			
0.1346	PER	A/D			
0.0649	LOT	A/D			

Comment:

Manual Basin: 89

Scenario: Scenario1
 Node: S89
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2709 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1150	LOT	A/D			
0.1037	PER	A/D			
0.0522	IMP	A/D			

Comment:

Manual Basin: 9

Scenario: Scenario1

Node: S9
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6827 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0812	IMP	A/D			
0.2642	PER	A/D			
0.3369	LOT	A/D			
0.0000	PER	A			
0.0003	IMP	A			

Comment:

Manual Basin: 90

Scenario: Scenario1
 Node: S87
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.1097 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0558	LOT	A/D			
0.0396	PER	A/D			
0.0143	IMP	A/D			

Comment:

Manual Basin: 91

Scenario: Scenario1
 Node: S92
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2958 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2042	LOT	A/D			
0.0710	PER	A/D			
0.0206	IMP	A/D			

Comment:

Manual Basin: 92

Scenario: Scenario1
 Node: S92
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5221 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0635	IMP	A/D			
0.2493	PER	A/D			
0.2093	LOT	A/D			

Comment:

Manual Basin: 93

Scenario: Scenario1
 Node: S92
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6289 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0690	IMP	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2169	PER	A/D			
0.3430	LOT	A/D			

Comment:

Manual Basin: 94

Scenario: Scenario1
 Node: S94
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2104 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0391	IMP	A			
0.0734	PER	A			
0.0018	LOT	A			
0.0382	IMP	A/D			
0.0504	PER	A/D			
0.0073	LOT	A/D			

Comment:

Manual Basin: 95

Scenario: Scenario1
 Node: S95
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7610 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4067	LOT	A			
0.2891	PER	A			
0.0545	IMP	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,0107	IMP	A/D			

Comment:

Manual Basin: 96

Scenario: Scenario1
 Node: Overland Flow Entry
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2551 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,4025	PER	A			
0,0919	IMP	A			
0,7607	LOT	A			

Comment:

Manual Basin: 97

Scenario: Scenario1
 Node: Overland Flow Entry
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.3854 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2149	LOT	A			
0,1399	PER	A			
0,0306	IMP	A			

Comment:

Manual Basin: 98

Scenario: Scenario1
 Node: S98
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1200 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,5641	PER	A			
0,4674	LOT	A			
0,0885	IMP	A			

Comment:

Manual Basin: 99

Scenario: Scenario1
 Node: S99
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 9999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.5216 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0,2012	IMP	A			
0,6501	PER	A			
0,0698	IMP	A/D			
0,2811	PER	A/D			
0,8814	LOT	A			
0,4380	LOT	A/D			

Comment:

Node: BAY DISCHARGE

Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs

Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999,0000	0.73

Comment:

Node: BAY DISCHARGE 282

Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999,0000	0.73

Comment:

Node: BAY DISCHARGE 340

Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999,0000	0.73

Comment:

Node: BAY DISCHARGE 466

Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999,0000	0.73

Comment:

Node: BURIED HEADWALL

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.00 ft
 Warning Stage: 14.50 ft
 Alert Stage: 0.00 ft

Comment:

Node: DISCHARGE 274

Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999,0000	0.73

Comment:

Node: DISCHARGE 276

Scenario: Scenario1

Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE 279

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SWALE 18

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 2.00 ft
Alert Stage: 0.00 ft

Comment:

Node: DISCHARGE SYSTEM 10

Scenario: Scenario1
Type: Time/Stage

Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 12

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 13

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 14(A)

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 14(B)

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 14(C)

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 15(A)

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 15(B)

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 15(C)

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Table with 5 columns: Year, Month, Day, Hour, Stage [ft]. Rows show values for 0 and 9999,0000.

Comment:

Node: DISCHARGE SYSTEM 16
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 17
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 18
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 4
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 5
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 6
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 7
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 8
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DISCHARGE SYSTEM 9
 Scenario: Scenario1
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.73 ft
 Warning Stage: 0.73 ft
 Alert Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: DROP STRUCTURE 297
 Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.50 ft
 Warning Stage: 4.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.50	0.0001	6
4.50	0.0001	6

Comment:

Node: M(COLLECTION)
 Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.30 ft
 Warning Stage: 7.91 ft
 Alert Stage: 0.00 ft

Comment:

Node: M100
 Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Comment:

Node: M103
 Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.89 ft
 Warning Stage: 13.08 ft

Alert Stage: 0.00 ft

Comment:

Node: M112

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.50 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M141

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.50 ft
Warning Stage: 14.05 ft
Alert Stage: 0.00 ft

Comment:

Node: M143

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 11.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M146

Scenario: Scenario1

Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.35 ft
Warning Stage: 12.41 ft
Alert Stage: 0.00 ft

Comment:

Node: M161

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.19 ft
Warning Stage: 8.91 ft
Alert Stage: 0.00 ft

Comment:

Node: M165

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 12.50 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M172

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 9.50 ft
Warning Stage: 12.96 ft
Alert Stage: 0.00 ft

Comment:

Node: M18

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.00 ft
Warning Stage: 14.61 ft
Alert Stage: 0.00 ft

Comment:

Node: M188

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 17.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M203

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.51 ft
Warning Stage: 5.51 ft
Alert Stage: 0.00 ft

Comment:

Node: M249

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.73 ft
Warning Stage: 5.46 ft
Alert Stage: 0.00 ft

Comment:

Node: M254

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.60 ft
Warning Stage: 14.93 ft
Alert Stage: 0.00 ft

Comment:

Node: M258

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.99 ft
Warning Stage: 17.81 ft
Alert Stage: 0.00 ft

Comment:

Node: M298

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.33 ft
Warning Stage: 6.96 ft
Alert Stage: 0.00 ft

Comment:

Node: M319

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.02 ft

Warning Stage: 10.99 ft
Alert Stage: 0.00 ft

Comment:

Node: M322

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -1.45 ft
Warning Stage: 5.41 ft
Alert Stage: 0.00 ft

Comment:

Node: M342

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.14 ft
Warning Stage: 4.24 ft
Alert Stage: 0.00 ft

Comment:

Node: M344(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.23 ft
Warning Stage: 3.66 ft
Alert Stage: 0.00 ft

Comment:

Node: M344(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 3.65 ft
Alert Stage: 0.00 ft

Comment:

Node: M344(C)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.51 ft
Warning Stage: 3.33 ft
Alert Stage: 0.00 ft

Comment:

Node: M345

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.04 ft
Warning Stage: 3.56 ft
Alert Stage: 0.00 ft

Comment:

Node: M346(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.31 ft
Warning Stage: 3.45 ft
Alert Stage: 0.00 ft

Comment:

Node: M346(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.63 ft
Warning Stage: 4.98 ft
Alert Stage: 0.00 ft

Comment:

Node: M346(C)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 5.06 ft
Alert Stage: 0.00 ft

Comment:

Node: M359(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.24 ft
Warning Stage: 7.04 ft
Alert Stage: 0.00 ft

Comment:

Node: M359(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.65 ft
Warning Stage: 6.30 ft
Alert Stage: 0.00 ft

Comment:

Node: M361

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.52 ft
Warning Stage: 5.63 ft
Alert Stage: 0.00 ft

Comment:

Node: M368

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.50 ft
Warning Stage: 7.73 ft
Alert Stage: 0.00 ft

Comment:

Node: M369(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.30 ft
Warning Stage: 5.01 ft
Alert Stage: 0.00 ft

Comment:

Node: M369(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.34 ft

Warning Stage: 8.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M372

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.79 ft
Warning Stage: 5.84 ft
Alert Stage: 0.00 ft

Comment:

Node: M389

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.02 ft
Warning Stage: 5.16 ft
Alert Stage: 0.00 ft

Comment:

Node: M391

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.37 ft
Warning Stage: 6.41 ft
Alert Stage: 0.00 ft

Comment:

Node: M398

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.60 ft
Warning Stage: 9.67 ft
Alert Stage: 0.00 ft

Comment:

Node: M399

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.73 ft
Warning Stage: 6.69 ft
Alert Stage: 0.00 ft

Comment:

Node: M400

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.66 ft
Warning Stage: 12.09 ft
Alert Stage: 0.00 ft

Comment:

Node: M401

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.50 ft
Warning Stage: 9.59 ft
Alert Stage: 0.00 ft

Comment:

Node: M405

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.75 ft
Warning Stage: 6.25 ft
Alert Stage: 0.00 ft

Comment:

Node: M412

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.50 ft
Warning Stage: 11.29 ft
Alert Stage: 0.00 ft

Comment:

Node: M413(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.75 ft
Warning Stage: 11.36 ft
Alert Stage: 0.00 ft

Comment:

Node: M413(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.00 ft
Warning Stage: 11.04 ft
Alert Stage: 0.00 ft

Comment:

Node: M433

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.61 ft
Warning Stage: 4.70 ft
Alert Stage: 0.00 ft

Comment:

Node: M457

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.87 ft
Warning Stage: 11.74 ft
Alert Stage: 0.00 ft

Comment:

Node: M459

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 11.96 ft
Alert Stage: 0.00 ft

Comment:

Node: M459(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.00 ft

Warning Stage: 8.50 ft
Alert Stage: 0.00 ft

Comment:

Node: M460

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.00 ft
Warning Stage: 8.50 ft
Alert Stage: 0.00 ft

Comment:

Node: M461(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.75 ft
Warning Stage: 4.45 ft
Alert Stage: 0.00 ft

Comment:

Node: M461(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.08 ft
Warning Stage: 4.50 ft
Alert Stage: 0.00 ft

Comment:

Node: M462

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.06 ft
Warning Stage: 9.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M467(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.25 ft
Warning Stage: 5.72 ft
Alert Stage: 0.00 ft

Comment:

Node: M467(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 5.32 ft
Alert Stage: 0.00 ft

Comment:

Node: M467(C)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.94 ft
Warning Stage: 5.65 ft
Alert Stage: 0.00 ft

Comment:

Node: M467(D)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.08 ft
Warning Stage: 5.30 ft
Alert Stage: 0.00 ft

Comment:

Node: M49

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.01 ft
Warning Stage: 12.05 ft
Alert Stage: 0.00 ft

Comment:

Node: M491

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.25 ft
Warning Stage: 5.43 ft
Alert Stage: 0.00 ft

Comment:

Node: M520

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.81 ft
Warning Stage: 5.31 ft
Alert Stage: 0.00 ft

Comment:

Node: M524

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.40 ft
Warning Stage: 4.40 ft
Alert Stage: 0.00 ft

Comment:

Node: M7

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.25 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: M81

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 15.13 ft
Alert Stage: 0.00 ft

Comment:

Node: M9

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 11.00 ft

Warning Stage: 15.12 ft
Alert Stage: 0.00 ft

Comment:

Node: M99

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.00 ft
Warning Stage: 12.91 ft
Alert Stage: 0.00 ft

Comment:

Node: OFFSITE DRAINAGE 1

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 14.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	14.00
0	0	0	9999.0000	14.00

Comment:

Node: OFFSITE DRAINAGE 2

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 14.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Comment:

Node: OUTFALL SYSTEM 1

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: OUTFALL SYSTEM 2

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: OUTFALL SYSTEM 3

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	14.00
0	0	0	9999.0000	14.00

Comment:

Node: OFFSITE DRAINAGE 3

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Comment:

Node: OFFSITE DRAINAGE 4

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Comment:

Node: OUTFALL BOAT RAMP

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.73 ft
Warning Stage: 0.73 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.73
0	0	0	9999.0000	0.73

Comment:

Node: OVERLAND ENTRY 119

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.99 ft
Warning Stage: 15.99 ft
Alert Stage: 0.00 ft

Comment:

Node: OVERLAND FLOW 170

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: OVERLAND FLOW 181

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.29 ft
Warning Stage: 14.01 ft
Alert Stage: 0.00 ft

Comment:

Node: Overland Flow Entry

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.14 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: Overland Flow Entry 188

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.11 ft
Warning Stage: 15.11 ft
Alert Stage: 0.00 ft

Comment:

Node: Overland Flow Entry 22

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.23 ft
Warning Stage: 17.00 ft
Alert Stage: 0.00 ft

Comment:

Node: Overland Flow Entry 23

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 17.00 ft
Alert Stage: 0.00 ft

Comment:

Node: Overland Flow Entry 47

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1054 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -1.50 ft
Warning Stage: 1.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1055 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -1.50 ft
Warning Stage: 1.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 111 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 113 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 115 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 115 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 116 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.43 ft

Warning Stage: 15.93 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 117 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.43 ft
Warning Stage: 15.93 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 117 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.43 ft
Warning Stage: 15.93 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 123 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 123 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.99 ft
Warning Stage: 14.99 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 127 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 11.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1501 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.58 ft
Warning Stage: 5.58 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1526 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.18 ft
Warning Stage: 3.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1601 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.26 ft
Warning Stage: 2.66 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1702 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.99 ft
Warning Stage: 4.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1703 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.00 ft
Warning Stage: 2.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1708 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 10.00 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 1708 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.00 ft
Warning Stage: 9.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1710 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 11.00 ft
Warning Stage: 13.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1710 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 9.89 ft
Warning Stage: 11.89 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1711 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft

Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1711 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 12.96 ft
Warning Stage: 14.96 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1720 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1722 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft
Warning Stage: 16.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1722 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft
Warning Stage: 16.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1723 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.08 ft
Warning Stage: 15.08 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1723 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 15.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1733 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 10.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1739 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.00 ft
Warning Stage: 8.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1740 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.98 ft
Warning Stage: 9.98 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1740 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.95 ft
Warning Stage: 9.95 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1744 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.00 ft
Warning Stage: 7.00 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 1745 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.00 ft
Warning Stage: 11.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1745 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 9.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1748 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.00 ft
Warning Stage: 11.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1748 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.00 ft

Warning Stage: 11.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1753 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.29 ft
Warning Stage: 6.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1758 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.34 ft
Warning Stage: 5.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1770 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.60 ft
Warning Stage: 2.60 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1770 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -1.70 ft
Warning Stage: 2.70 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1771 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.72 ft
Warning Stage: 2.72 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1771 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -1.76 ft
Warning Stage: 2.76 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1775 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.71 ft
Warning Stage: 5.71 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1782 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.22 ft
Warning Stage: 7.75 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1785 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.59 ft
Warning Stage: 3.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1787 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.38 ft
Warning Stage: 2.38 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1788 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.36 ft
Warning Stage: 2.36 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 1789 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.87 ft
Warning Stage: 2.87 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1789 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.50 ft
Warning Stage: 2.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1801 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.00 ft
Warning Stage: 5.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1802 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.76 ft

Warning Stage: 3.76 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1803 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 4.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1803 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 4.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1804 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.00 ft
Warning Stage: 5.78 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1804 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.00 ft
Warning Stage: 4.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1805 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.42 ft
Warning Stage: 6.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1805 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.00 ft
Warning Stage: 4.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1809 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.50 ft
Warning Stage: 4.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1809 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.50 ft
Warning Stage: 4.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1810 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 3.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1810 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 3.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1811 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 4.00 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 1811 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 4.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1812 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 3.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1814 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 9.00 ft
Warning Stage: 10.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1814 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.50 ft

Warning Stage: 9.75 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1815 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 17.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1815 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 17.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1816 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 1816 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 14.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 208 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.00 ft
Warning Stage: 11.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 232 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 9.50 ft
Warning Stage: 11.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 301 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.25 ft
Warning Stage: 14.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 313 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.00 ft
Warning Stage: 14.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 317 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 11.00 ft
Warning Stage: 13.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 318 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.53 ft
Warning Stage: 16.53 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 321 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.38 ft
Warning Stage: 16.38 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 321 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 322 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 323 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.95 ft
Warning Stage: 16.95 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 323 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft

Warning Stage: 16.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 324 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 324 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 325 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 17.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 325 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.98 ft
Warning Stage: 17.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 326 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 15.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 327 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 15.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 327 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 15.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 343 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.00 ft
Warning Stage: 6.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 346 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 11.50 ft
Warning Stage: 13.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 347 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 9.50 ft
Warning Stage: 11.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 350 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.00 ft
Warning Stage: 15.50 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 351 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 351 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 17.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 352 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.01 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 352 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft

Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 353 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 353 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 354 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 354 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 355 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 355 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 356 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 15.00 ft
Warning Stage: 17.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 359 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.33 ft
Warning Stage: 14.33 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 360 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.53 ft
Warning Stage: 4.99 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 401 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 9.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 501 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.82 ft
Warning Stage: 15.32 ft
Alert Stage: 0.00 ft

Comment:

Comment:

Node: PIPE 605 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 12.50 ft
Warning Stage: 14.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 701 DIRECTION UNKNOWN

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 12.06 ft
Warning Stage: 13.50 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 701 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 10.52 ft
Warning Stage: 12.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 805 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.72 ft

Warning Stage: 5.00 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 806 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.65 ft
Warning Stage: 9.65 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 806 EXIT

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.99 ft
Warning Stage: 7.99 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 901 ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.00 ft
Warning Stage: 6.25 ft
Alert Stage: 0.00 ft

Comment:

Node: PIPE 901 EXIT

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.96 ft
 Warning Stage: 6.25 ft
 Alert Stage: 0.00 ft

Comment:

Node: PIPE 902 ENTRY

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 6.25 ft
 Alert Stage: 0.00 ft

Comment:

Node: PIPE 902 EXIT

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 6.25 ft
 Alert Stage: 0.00 ft

Comment:

Node: PIPE 905 EXIT

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.08 ft
 Warning Stage: 3.50 ft
 Alert Stage: 0.00 ft

Comment:

Node: PIPE CONNECTION TO PIPE 1013

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.25 ft
 Warning Stage: 9.75 ft
 Alert Stage: 0.00 ft

Comment:

Node: PIPE ENTRY 127

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.50 ft
 Warning Stage: 11.50 ft
 Alert Stage: 0.00 ft

Comment:

Node: PIPE EXIT 136

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.00 ft
 Warning Stage: 14.25 ft
 Alert Stage: 0.00 ft

Comment:

Node: PM412

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.00 ft
 Warning Stage: 11.00 ft
 Alert Stage: 0.00 ft

Comment:

Node: PM490

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.20 ft
 Warning Stage: 8.70 ft
 Alert Stage: 0.00 ft

Comment:

Node: POSSIBLE INLET 127

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.00 ft
 Warning Stage: 15.08 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.00	0.0001	6
15.08	0.0001	6

Comment:

Node: S(COLLECTION)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.37 ft
 Warning Stage: 7.65 ft
 Alert Stage: 0.00 ft

Comment:

Node: S100(A)

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.50	0.0001	6
13.00	0.0001	6

Comment:

Node: S100(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.00 ft
 Warning Stage: 12.81 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.00	0.0001	6
12.81	0.0001	6

Comment:

Node: S100(C)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 12.98 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0001	6
12.98	0.0001	6

Comment:

Node: S101

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 12.48 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
12.48	0.0001	6

Comment:

Node: S102

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.20 ft
 Warning Stage: 12.03 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.20	0.0001	6
12.03	0.0001	6

Comment:

Node: S103

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.91 ft
 Warning Stage: 12.83 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.91	0.0006	28
12.83	0.0006	28

Comment:

Node: S104

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.09 ft
 Warning Stage: 13.33 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.09	0.0001	6
13.33	0.0001	6

Comment:

Node: S107

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.89 ft
 Warning Stage: 13.14 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.89	0.0001	6
13.14	0.0001	6

Comment:

Node: S108

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.07 ft
 Warning Stage: 13.32 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.07	0.0001	6
13.32	0.0001	6

Comment:

Node: S110

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.23 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.23	0.0001	6
14.00	0.0001	6

Comment:

Node: S111

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.68 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.68	0.0001	6
14.00	0.0001	6

Comment:

Node: S113

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 14.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0006	28
14.99	0.0006	28

Comment:

Node: S121

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 12.35 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
12.35	0.0001	6

Comment:

Node: S122

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.75 ft
 Warning Stage: 12.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.75	0.0001	6
12.31	0.0001	6

Comment: SYSTEM AT INTERSECTION OF 11TH AND AVENUE B HAS NO CLEAR OUTFALL TO ANY LOCATION (AREA OF CONCERN)

Node: S124

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 14.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0006	28
14.99	0.0006	28

Comment:

Node: S125

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.25 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.25	0.0006	28
14.00	0.0006	28

Comment:

Node: S127

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.50	0.0001	6
14.00	0.0001	6

Comment:

Node: S127(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
14.00	0.0001	6

Comment:

Node: S128

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.25 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.25	0.0001	6
13.00	0.0001	6

Comment:

Node: S129

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.50	0.0001	6
13.00	0.0001	6

Comment:

Node: S131

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.50 ft
 Warning Stage: 14.28 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.50	0.0006	28
14.28	0.0006	28

Comment:

Node: S134

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.50 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.50	0.0001	6
15.00	0.0001	6

Comment:

Node: S135

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.79 ft
 Warning Stage: 14.14 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.79	0.0001	6
14.14	0.0001	6

Comment:

Node: S137

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.25 ft
 Warning Stage: 12.30 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.25	0.0001	6
12.30	0.0001	6

Comment:

Node: S14

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.25 ft
 Warning Stage: 15.98 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.25	0.0001	6
15.98	0.0001	6

Comment:

Node: S141

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.50 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.50	0.0001	6
14.00	0.0001	6

Comment:

Node: S143

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.50 ft
 Warning Stage: 14.01 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.50	0.0001	6
14.01	0.0001	6

Comment:

Node: S145(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.50 ft
 Warning Stage: 15.92 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.50	0.0001	6
15.92	0.0001	6

Comment:

Node: S145(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.33 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.33	0.0001	6
15.00	0.0001	6

Comment:

Node: S146

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.50 ft
 Warning Stage: 9.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.50	0.0001	6
9.00	0.0001	6

Comment:

Node: S149

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.09 ft
 Warning Stage: 14.51 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.09	0.0001	6
14.51	0.0001	6

Comment:

Node: S150

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.15 ft
 Warning Stage: 14.98 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.15	0.0001	6
14.98	0.0001	6

Comment:

Node: S152

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.28 ft
 Warning Stage: 14.63 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.28	0.0001	6
14.63	0.0001	6

Comment:

Node: S153

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
16.00	0.0001	6

Comment:

Node: S154

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.72 ft
 Warning Stage: 16.07 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.72	0.0001	6
16.07	0.0001	6

Comment:

Node: S155

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.50 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.50	0.0001	6
16.00	0.0001	6

Comment:

Node: S159

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.90 ft
 Warning Stage: 14.51 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.90	0.0001	6
14.51	0.0001	6

Comment:

Node: S161

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.25 ft
 Warning Stage: 8.16 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.25	0.0001	6
8.16	0.0001	6

Comment:

Node: S162

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.19 ft
 Warning Stage: 8.51 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.19	0.0001	6
8.51	0.0001	6

Comment:

Node: S163

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.34 ft
 Warning Stage: 14.69 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.34	0.0001	6
14.69	0.0001	6

Comment:

Node: S165

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.50 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Comment:

Node: S167

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.75 ft
 Warning Stage: 13.10 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.75	0.0001	6
13.10	0.0001	6

Comment: SYSTEM AT INTERSECTION OF 11TH AND AVENUE B HAS NO CLEAR OUTFALL TO ANY LOCATION (AREA OF CONCERN)

Node: S169

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 16.68 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0001	6
16.68	0.0001	6

Comment:

Node: S17

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.75 ft
 Warning Stage: 15.66 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.75	0.0001	6
15.66	0.0001	6

Comment:

Node: S171

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.39 ft
 Warning Stage: 12.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.39	0.0001	6
12.99	0.0001	6

Comment:

Node: S172 UNKNOWN

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 11.01 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.50	0.0001	6
11.01	0.0001	6

Comment:

Node: S173

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.06 ft
 Warning Stage: 6.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.06	0.0006	28
6.00	0.0006	28

Comment:

Node: S174

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.49 ft
 Warning Stage: 6.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.49	0.0001	6
6.99	0.0001	6

Comment:

Node: S176

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 9.63 ft
 Warning Stage: 12.88 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.63	0.0001	6
12.88	0.0001	6

Comment:

Node: S18

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.25 ft
 Warning Stage: 14.81 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.25	0.0001	6
14.81	0.0001	6

Comment:

Node: S180

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.75 ft
 Warning Stage: 12.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.75	0.0001	6
12.31	0.0001	6

Comment: SYSTEM AT INTERSECTION OF 11TH AND AVENUE B HAS NO CLEAR OUTFALL TO ANY LOCATION (AREA OF CONCERN)

Node: S180(B)

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.80 ft
 Warning Stage: 12.81 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.80	0.0001	6
12.81	0.0001	6

Comment: SYSTEM AT INTERSECTION OF 11TH AND AVENUE B HAS NO CLEAR OUTFALL TO ANY LOCATION (AREA OF CONCERN)

Node: S182

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.82 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.82	0.0001	6
15.00	0.0001	6

Comment:

Node: S191(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.47 ft
 Warning Stage: 8.68 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.47	0.0001	6
8.68	0.0001	6

Comment:

Node: S191(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.80 ft
 Warning Stage: 7.30 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.80	0.0001	6
7.30	0.0001	6

Comment:

Node: S191(C)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.00 ft
 Warning Stage: 16.87 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.00	0.0001	6
16.87	0.0001	6

Comment:

Node: S192

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.50 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.50	0.0001	6
16.00	0.0001	6

Comment:

Node: S195

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.50 ft
 Warning Stage: 4.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.50	0.0001	6
4.00	0.0001	6

Comment:

Node: S197

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.57 ft
 Warning Stage: 4.82 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.57	0.0001	6
4.82	0.0001	6

Comment:

Node: S2

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.00	0.0001	6
15.00	0.0001	6

Comment:

Node: S202

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.89 ft
 Warning Stage: 11.06 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.89	0.0001	6
11.06	0.0001	6

Comment:

Node: S203

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 6.65 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0001	6
6.65	0.0001	6

Comment:

Node: S206

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.03 ft
 Warning Stage: 7.10 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.03	0.0001	6
7.10	0.0001	6

Comment:

Node: S207

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.42 ft
Warning Stage: 7.77 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 5.42 and 7.77.

Comment:

Node: S208

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.81 ft
Warning Stage: 7.36 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 3.81 and 7.36.

Comment:

Node: S209

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.95 ft
Warning Stage: 9.62 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 7.95 and 9.62.

Comment:

Node: S210

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.00 ft
Warning Stage: 8.27 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 6.00 and 8.27.

Comment:

Node: S212

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.00 ft
Warning Stage: 7.99 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 4.00 and 7.99.

Comment:

Node: S213

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.75 ft
Warning Stage: 7.99 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 2.75 and 7.99.

Comment:

Node: S214

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 3.00 ft
Warning Stage: 9.00 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 3.00 and 9.00.

Comment:

Node: S215

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.00 ft
Warning Stage: 9.37 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 7.00 and 9.37.

Comment:

Node: S216

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.00 ft
Warning Stage: 8.00 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 5.00 and 8.00.

Comment:

Node: S217

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.50 ft
Warning Stage: 9.00 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 2.50 and 9.00.

Comment:

Node: S218

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.50 ft
Warning Stage: 9.00 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 2.50 and 9.00.

Comment:

Node: S219

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.31 ft
Warning Stage: 9.97 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2], and a final column with value 6. Rows show stages 8.31 and 9.97.

Comment:

Node: S220

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.25 ft
 Warning Stage: 8.45 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.25	0.0001	6
7.99	0.0001	6

Comment:

Node: S222

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.25 ft
 Warning Stage: 7.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.25	0.0001	6
7.99	0.0001	6

Comment:

Node: S223

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.00 ft
 Warning Stage: 7.01 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
7.01	0.0001	6

Comment:

Node: S224

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.21 ft
 Warning Stage: 7.52 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.21	0.0001	6
7.52	0.0001	6

Comment:

Node: S225

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.80 ft
 Warning Stage: 7.16 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.80	0.0001	6
7.88	0.0001	6

Comment:

Node: S227

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 13.87 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
13.87	0.0001	6

Comment:

Node: S229(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0001	6
15.00	0.0001	6

Comment:

Node: S229(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 14.02 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
14.02	0.0001	6

Comment:

Node: S230(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 15.95 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.25	0.0001	6
15.95	0.0001	6

Comment:

Node: S230(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0001	6
15.00	0.0001	6

Comment:

Node: S232

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 15.00 ft
 Warning Stage: 17.00 ft
 Alert Stage: 0.00 ft

Comment:

Node: S233

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 19.19 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.00	0.0001	6
19.19	0.0001	6

Comment:

Node: S234

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 12.00 ft
 Warning Stage: 16.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.00	0.0001	6
16.99	0.0001	6

Comment:

Node: S235

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.00 ft
 Warning Stage: 16.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.00	0.0001	6
16.99	0.0001	6

Comment:

Node: S236

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 16.80 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.25	0.0001	6
16.80	0.0001	6

Comment:

Node: S237

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 5.00 ft
 Warning Stage: 9.01 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.00	0.0001	6
9.01	0.0001	6

Comment:

Node: S238

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.50 ft
 Warning Stage: 12.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.50	0.0001	6
12.00	0.0001	6

Comment:

Node: S240

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.41 ft
 Warning Stage: 6.71 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.41	0.0001	6
6.71	0.0001	6

Comment:

Node: S243

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 1.71 ft
 Warning Stage: 6.91 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.71	0.0001	6
6.91	0.0001	6

Comment:

Node: S245

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.41 ft
 Warning Stage: 7.08 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.41	0.0001	6
7.08	0.0001	6

Comment:

Node: S246

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.91 ft
 Warning Stage: 6.05 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.91	0.0001	6
6.05	0.0001	6

Comment:

Node: S247

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 1.33 ft
 Warning Stage: 5.15 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.33	0.0001	6
5.15	0.0001	6

Comment:

Node: S248

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.60 ft
 Warning Stage: 4.91 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.60	0.0001	6
4.91	0.0001	6

Comment:

Node: S249

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.98 ft
 Warning Stage: 5.18 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.98	0.0001	6
5.18	0.0001	6

Comment:

Node: S250(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 0.16 ft
 Warning Stage: 4.06 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.16	0.0001	6
4.06	0.0001	6

Comment:

Node: S250(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.68 ft
 Warning Stage: 4.43 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.68	0.0001	6
4.43	0.0001	6

Comment:

Node: S253(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.37 ft
 Warning Stage: 14.56 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.37	0.0001	6
14.56	0.0001	6

Comment:

Node: S253(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 6.50 ft
 Warning Stage: 14.52 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.50	0.0001	6
14.52	0.0001	6

Comment:

Node: S255

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
15.00	0.0001	6

Comment:

Node: S256

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
15.00	0.0001	6

Comment:

Node: S283

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs

Initial Stage: 4.00 ft
 Warning Stage: 6.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.00	0.0001	6
6.00	0.0001	6

Comment:

Node: S287

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.59 ft
 Warning Stage: 5.21 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.59	0.0001	6
5.21	0.0001	6

Comment:

Node: S295

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.00 ft
 Warning Stage: 4.10 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
4.10	0.0001	6

Comment:

Node: S298(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.56 ft
 Warning Stage: 8.05 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.56	0.0001	6
8.05	0.0001	6

Comment:

Node: S30

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.45 ft
 Warning Stage: 12.06 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.45	0.0001	6
12.06	0.0001	6

Comment:

Node: S319

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -1.04 ft
 Warning Stage: 10.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.04	0.0001	6
10.00	0.0001	6

Comment:

Node: S32

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.82 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
9.82	0.0001		6
13.00	0.0001		6

Comment:

Node: S322

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -1.03 ft
 Warning Stage: 4.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
-1.03	0.0001		6
4.50	0.0001		6

Comment:

Node: S323

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.57 ft
 Warning Stage: 7.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
-0.57	0.0001		6
7.31	0.0001		6

Comment:

Node: S324

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.76 ft
 Warning Stage: 3.74 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
-0.76	0.0001		6
3.74	0.0001		6

Comment:

Node: S327

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.93 ft
 Warning Stage: 5.43 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
2.93	0.0001		6
5.43	0.0001		6

Comment:

Node: S328

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.25 ft
 Warning Stage: 7.88 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
5.25	0.0001		6
7.88	0.0001		6

Comment:

Node: S329

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.50 ft
 Warning Stage: 5.45 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.50	0.0001		6
5.45	0.0001		6

Comment:

Node: S333

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.25 ft
 Warning Stage: 14.52 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
12.25	0.0001		6
14.52	0.0001		6

Comment:

Node: S34

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.76 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
8.76	0.0001		6
13.00	0.0001		6

Comment:

Node: S342

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.38 ft
 Warning Stage: 4.19 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
-0.38	0.0001		6
4.19	0.0001		6

Comment:

Node: S344

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.77 ft
 Warning Stage: 3.39 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
-0.77	0.0001		6
3.39	0.0001		6

Comment:

Node: S345

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.28 ft
 Warning Stage: 3.14 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
-0.28	0.0001		6
3.14	0.0001		6

Comment:

Node: S346

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.09 ft
 Warning Stage: 3.28 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.09	0.0001		6
3.28	0.0001		6

Comment:

Node: S347

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 3.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.00	0.0001		6
3.50	0.0001		6

Comment:

Node: S348

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.20 ft
 Warning Stage: 4.69 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
2.20	0.0001		6
4.69	0.0001		6

Comment:

Node: S349

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.22 ft
 Warning Stage: 3.56 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.22	0.0001		6
3.56	0.0001		6

Comment:

Node: S354 UNKNOWN

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.52 ft
 Warning Stage: 3.00 ft
 Alert Stage: 0.00 ft

Comment:

Node: S355

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.81 ft
 Warning Stage: 4.95 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.81	0.0001		6
4.95	0.0001		6

Comment:

Node: S356

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.72 ft
 Warning Stage: 4.89 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.72	0.0001		6

Stage [ft]	Area [ac]	Area [ft2]	
4.89	0.0001		6

Comment:

Node: S357 UNKNOWN

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.15 ft
 Warning Stage: 3.00 ft
 Alert Stage: 0.00 ft

Comment:

Node: S358

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.98 ft
 Warning Stage: 5.33 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
0.98	0.0001		6
5.33	0.0001		6

Comment:

Node: S359

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.07 ft
 Warning Stage: 5.76 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
2.07	0.0001		6
5.76	0.0001		6

Comment:

Node: S36

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.25 ft
 Warning Stage: 15.61 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
12.25	0.0001		6
15.61	0.0001		6

Comment:

Node: S36 UNKNOWN CONNECTION

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.00 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
12.00	0.0001		6
14.00	0.0001		6

Comment:

Node: S360(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.03 ft
 Warning Stage: 6.69 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]	
4.03	0.0001		6
6.69	0.0001		6

Comment:

Node: S360(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.75 ft
 Warning Stage: 7.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.75	0.0001	6
7.00	0.0001	6

Comment:

Node: S361

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.68 ft
 Warning Stage: 5.79 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.68	0.0001	6
5.79	0.0001	6

Comment:

Node: S361(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.82 ft
 Warning Stage: 7.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.82	0.0001	6
7.00	0.0001	6

Comment:

Node: S362

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.63 ft
 Warning Stage: 6.16 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.63	0.0001	6
6.16	0.0001	6

Comment:

Node: S363

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -1.41 ft
 Warning Stage: 4.74 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.41	0.0001	6
4.74	0.0001	6

Comment:

Node: S364

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.36 ft
 Warning Stage: 5.57 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.36	0.0001	6
5.57	0.0001	6

Comment:

Node: S366

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.46 ft
 Warning Stage: 4.56 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.46	0.0001	6
4.56	0.0001	6

Comment:

Node: S367

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.25 ft
 Warning Stage: 4.58 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.25	0.0001	6
4.58	0.0001	6

Comment:

Node: S368

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.67 ft
 Warning Stage: 4.68 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.67	0.0001	6
4.68	0.0001	6

Comment:

Node: S369

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.38 ft
 Warning Stage: 4.16 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.38	0.0001	6
4.16	0.0001	6

Comment:

Node: S372

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.52 ft
 Warning Stage: 5.38 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.52	0.0001	6
5.38	0.0001	6

Comment:

Node: S373

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.70 ft
 Warning Stage: 8.09 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.70	0.0001	6
8.09	0.0001	6

Comment:

Node: S374

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.70 ft
 Warning Stage: 9.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.70	0.0001	6
9.99	0.0001	6

Comment:

Node: S375

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.35 ft
 Warning Stage: 8.60 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.35	0.0001	6
8.60	0.0001	6

Comment:

Node: S376

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.31 ft
 Warning Stage: 8.57 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.31	0.0001	6
8.57	0.0001	6

Comment:

Node: S377

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.98 ft
 Warning Stage: 8.02 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.98	0.0001	6
8.02	0.0001	6

Comment:

Node: S378

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.70 ft
 Warning Stage: 6.59 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.70	0.0001	6
6.59	0.0001	6

Comment:

Node: S379

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.40 ft
 Warning Stage: 8.48 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.40	0.0001	6
8.48	0.0001	6

Comment:

Node: S380

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.72 ft
 Warning Stage: 10.15 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.72	0.0001	6
10.15	0.0001	6

Comment:

Node: S381

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.33 ft
 Warning Stage: 6.58 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.33	0.0001	6
6.58	0.0001	6

Comment:

Node: S382

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.25 ft
 Warning Stage: 11.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.25	0.0001	6
11.00	0.0001	6

Comment:

Node: S384

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 11.15 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0001	6
11.15	0.0001	6

Comment:

Node: S385

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.21 ft
 Warning Stage: 8.18 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.21	0.0001	6
8.18	0.0001	6

Comment:

Node: S387

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.75 ft
 Warning Stage: 8.67 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.75	0.0001	6
8.67	0.0001	6

Comment:

Node: S388

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.75 ft
 Warning Stage: 8.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.75	0.0001	6
8.31	0.0001	6

Comment:

Node: S389

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.02 ft
 Warning Stage: 5.23 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.02	0.0001	6
5.23	0.0001	6

Comment:

Node: S390

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.75 ft
 Warning Stage: 6.28 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.75	0.0001	6
6.28	0.0001	6

Comment:

Node: S391

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.88 ft
 Warning Stage: 6.20 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.88	0.0001	6
6.20	0.0001	6

Comment:

Node: S392

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.86 ft
 Warning Stage: 10.07 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.86	0.0001	6
10.07	0.0001	6

Comment:

Node: S393

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.00 ft
 Warning Stage: 12.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.00	0.0001	6
12.00	0.0001	6

Comment:

Node: S394

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.04 ft
 Warning Stage: 10.49 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.04	0.0001	6
10.49	0.0001	6

Comment:

Node: S395

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.50 ft
 Warning Stage: 10.04 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.50	0.0001	6
10.04	0.0001	6

Comment:

Node: S396

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 12.01 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0001	6
12.01	0.0001	6

Comment:

Node: S397

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.75 ft
 Warning Stage: 12.24 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.75	0.0001	6
12.24	0.0001	6

Comment:

Node: S398

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.83 ft
 Warning Stage: 9.18 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.83	0.0001	6
9.18	0.0001	6

Comment:

Node: S399

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.39 ft
 Warning Stage: 6.83 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.39	0.0001	6
6.83	0.0001	6

Comment:

Node: S400

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.13 ft
 Warning Stage: 9.53 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.13	0.0001	6
9.53	0.0001	6

Comment:

Node: S401

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.13 ft
 Warning Stage: 9.07 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.13	0.0001	6
9.07	0.0001	6

Comment:

Node: S402

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.79 ft
 Warning Stage: 8.78 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.79	0.0001	6
8.78	0.0001	6

Comment:

Node: S403

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.75 ft
 Warning Stage: 6.95 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.75	0.0001	6
6.95	0.0001	6

Comment:

Node: S404

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.66 ft
 Warning Stage: 6.35 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.66	0.0001	6
6.35	0.0001	6

Comment:

Node: S406

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.80 ft
 Warning Stage: 6.69 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.80	0.0001	6
6.69	0.0001	6

Comment:

Node: S407

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.43 ft
 Warning Stage: 11.94 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.43	0.0001	6
11.94	0.0001	6

Comment:

Node: S408

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.83 ft
 Warning Stage: 12.62 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.83	0.0001	6
12.62	0.0001	6

Comment:

Node: S409

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.67 ft
 Warning Stage: 11.59 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.67	0.0001	6
11.59	0.0001	6

Comment:

Node: S410

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.84 ft
 Warning Stage: 11.76 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.84	0.0001	6
11.76	0.0001	6

Comment:

Node: S411

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.75 ft
 Warning Stage: 10.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.75	0.0001	6
10.00	0.0001	6

Comment:

Node: S412

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.77 ft
 Warning Stage: 11.03 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.77	0.0001	6
11.03	0.0001	6

Comment:

Node: S413

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.00 ft
 Warning Stage: 11.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.00	0.0001	6
11.31	0.0001	6

Comment:

Node: S413(CURB)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 11.74 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
11.74	0.0001	6

Comment:

Node: S414(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 10.57 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
10.57	0.0001	6

Comment:

Node: S414(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 10.63 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
10.63	0.0001	6

Comment:

Node: S415

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.50 ft
 Warning Stage: 10.04 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.50	0.0001	6
10.04	0.0001	6

Comment:

Node: S416

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.00 ft
 Warning Stage: 11.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.00	0.0001	6
11.31	0.0001	6

Comment:

Node: S420

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.67 ft
 Warning Stage: 10.47 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.67	0.0001	6
10.47	0.0001	6

Comment:

Node: S421

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.41 ft
 Warning Stage: 10.73 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.41	0.0001	6
10.73	0.0001	6

Comment:

Node: S422

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.42 ft
 Warning Stage: 7.48 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.42	0.0001	6
7.47	0.0001	6

Comment:

Node: S423

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.54 ft
 Warning Stage: 7.63 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.54	0.0001	6
7.63	0.0001	6

Comment:

Node: S425

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 10.62 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0001	6
10.63	0.0001	6

Comment:

Node: S426

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.14 ft
 Warning Stage: 7.24 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.14	0.0001	6
7.24	0.0001	6

Comment:

Node: S427

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.27 ft
 Warning Stage: 7.68 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.27	0.0001	6
7.68	0.0001	6

Comment:

Node: S429

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.87 ft
 Warning Stage: 4.74 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.87	0.0006	28
4.74	0.0006	28

Comment:

Node: S429(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.25 ft
 Warning Stage: 6.60 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.25	0.0001	6
6.60	0.0001	6

Comment:

Node: S430

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.84 ft
 Warning Stage: 5.43 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.84	0.0006	28
5.43	0.0006	28

Comment:

Node: S431

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.50 ft
 Warning Stage: 4.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.50	0.0001	6
4.00	0.0001	6

Comment:

Node: S433

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.17 ft
 Warning Stage: 3.22 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.17	0.0001	6
3.22	0.0001	6

Comment:

Node: S433(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.48 ft
 Warning Stage: 6.83 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.48	0.0001	6
6.83	0.0001	6

Comment:

Node: S436

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -2.50 ft
 Warning Stage: 0.98 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-2.50	0.0001	6
0.98	0.0001	6

Comment:

Node: S441

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.07 ft
 Warning Stage: 4.78 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.07	0.0001	6
4.78	0.0001	6

Comment:

Node: S442

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 0.83 ft
 Warning Stage: 7.59 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.83	0.0006	28
7.59	0.0006	28

Comment:

Node: S444

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.50 ft
 Warning Stage: 13.85 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.50	0.0006	28
13.85	0.0006	28

Comment:

Node: S444(CURB)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.33 ft
 Warning Stage: 12.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.33	0.0006	28
12.00	0.0006	28

Comment:

Node: S445

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.84 ft
 Warning Stage: 11.76 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.84	0.0001	6
11.76	0.0001	6

Comment:

Node: S448

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.44 ft
 Warning Stage: 6.91 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.44	0.0006	28
6.91	0.0006	28

Comment:

Node: S449

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.88 ft
 Warning Stage: 8.79 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.88	0.0001	6
8.79	0.0001	6

Comment:

Node: S453

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.00 ft
 Warning Stage: 11.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.00	0.0001	6
11.31	0.0001	6

Comment:

Node: S457

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.84 ft
 Warning Stage: 11.76 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.84	0.0001	6
11.76	0.0001	6

Comment:

Node: S458(CURB)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.11 ft
 Warning Stage: 11.78 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.11	0.0006	28
11.78	0.0006	28

Comment:

Node: S459

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.30 ft
 Warning Stage: 8.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.30	0.0001	6
8.50	0.0001	6

Comment:

Node: S460

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.50 ft
 Warning Stage: 8.65 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.50	0.0001	6
8.65	0.0001	6

Comment:

Node: S461

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.88 ft
 Warning Stage: 4.14 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.88	0.0001	6
4.14	0.0001	6

Comment:

Node: S462

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.50 ft
 Warning Stage: 7.90 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.50	0.0001	6
7.90	0.0001	6

Comment:

Node: S463

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.26 ft
 Warning Stage: 7.30 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.26	0.0001	6
7.30	0.0001	6

Comment:

Node: S464

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.21 ft
 Warning Stage: 11.25 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.21	0.0001	6
11.25	0.0001	6

Comment:

Node: S465

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.88 ft
 Warning Stage: 4.23 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.88	0.0001	6
4.23	0.0001	6

Comment:

Node: S469

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.50 ft
 Warning Stage: 5.90 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.50	0.0001	6
5.90	0.0001	6

Comment:

Node: S470

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.79 ft
 Warning Stage: 7.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.79	0.0001	6
7.50	0.0001	6

Comment:

Node: S472

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.29 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.29	0.0001	6
16.00	0.0001	6

Comment:

Node: S481

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.53 ft
 Warning Stage: 16.53 ft
 Alert Stage: 0.00 ft

Comment:

Node: S483

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
15.00	0.0001	6

Comment:

Base Flow: 0.00 cfs
 Initial Stage: 14.58 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.58	0.0001	6
16.00	0.0001	6

Comment:

Node: S487

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.53 ft
 Warning Stage: 16.55 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.53	0.0001	6
16.55	0.0001	6

Comment:

Node: S489

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.33 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.33	0.0001	6
15.00	0.0001	6

Comment:

Node: S489(B)

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 13.33 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.33	0.0001	6
15.00	0.0001	6

Comment:

Node: S49

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.53 ft
 Warning Stage: 11.75 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.53	0.0001	6
11.75	0.0001	6

Comment:

Node: S490

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.50 ft
 Warning Stage: 10.97 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.50	0.0001	6
10.97	0.0001	6

Comment:

Node: S490(B)

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 7.20 ft
 Warning Stage: 10.97 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.20	0.0001	6
10.97	0.0001	6

Comment:

Node: S491

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: -0.25 ft
 Warning Stage: 5.71 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.25	0.0006	28
5.71	0.0006	28

Comment:

Node: S492(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.85 ft
 Warning Stage: 13.85 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.85	0.0006	28
13.85	0.0006	28

Comment:

Node: S492(B)

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 6.73 ft
 Warning Stage: 9.36 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.73	0.0006	28
9.36	0.0006	28

Comment:

Node: S493

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.00 ft
 Warning Stage: 4.79 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
4.79	0.0001	6

Comment:

Node: S494

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.75 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.75	0.0001	6
15.00	0.0001	6

Comment:

Node: S495

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0006	28
16.00	0.0006	28

Comment:

Node: S50

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.56 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.56	0.0001	6
13.00	0.0001	6

Comment:

Node: S505

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 12.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0001	6
12.00	0.0001	6

Comment:

Node: S517

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 9.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.00	0.0001	6
9.00	0.0001	6

Comment:

Node: S518

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.50 ft
 Warning Stage: 9.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.50	0.0001	6
9.00	0.0001	6

Comment:

Node: S519

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 9.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.00	0.0001	6
9.00	0.0001	6

Comment:

Node: S521

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 2.34 ft
 Warning Stage: 6.68 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.34	0.0001	6
6.68	0.0001	6

Comment:

Node: SS25

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 12.09 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0001	6
12.09	0.0001	6

Comment:

Node: SS26

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.50 ft
 Warning Stage: 13.80 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.50	0.0001	6
13.80	0.0001	6

Comment:

Node: SS27

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 8.50 ft
 Warning Stage: 14.30 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.50	0.0001	6
14.30	0.0001	6

Comment:

Node: SS28

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.89 ft
 Warning Stage: 13.13 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.89	0.0001	6
13.13	0.0001	6

Comment:

Node: SS3

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.50 ft
 Warning Stage: 16.63 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.50	0.0001	6
16.63	0.0001	6

Comment:

Node: SS30

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 5.70 ft
 Warning Stage: 8.80 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.70	0.0001	6
8.80	0.0001	6

Comment:

Node: SS6

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.75 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.75	0.0001	6
15.00	0.0001	6

Comment:

Node: SS8

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.25	0.0001	6
14.00	0.0001	6

Comment:

Node: SS9

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 14.99 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0001	6
14.99	0.0001	6

Comment:

Node: S60

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.25	0.0001	6
14.00	0.0001	6

Comment:

Node: S60(B)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 14.96 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0001	6
14.96	0.0001	6

Comment:

Node: S62

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 14.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.25	0.0001	6
14.00	0.0001	6

Comment:

Node: S67

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 16.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.00	0.0001	6
16.00	0.0001	6

Comment:

Node: S7

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.75 ft
 Warning Stage: 15.13 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.75	0.0001	6
15.13	0.0001	6

Comment:

Node: S75

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 11.50 ft
 Warning Stage: 16.57 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.50	0.0001	6
16.57	0.0001	6

Comment:

Node: S76

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 14.83 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0006	28
14.83	0.0006	28

Comment:

Node: S78

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 13.98 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.50	0.0006	28
13.98	0.0006	28

Comment:

Node: S79

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 8.50 ft
 Warning Stage: 13.03 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.50	0.0006	28
13.03	0.0006	28

Comment:

Node: S80

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.50 ft
 Warning Stage: 13.91 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.50	0.0006	28
13.91	0.0006	28

Comment:

Node: S81(A)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.00 ft
 Warning Stage: 16.63 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
13.00	0.0001	6
16.63	0.0001	6

Comment:

Node: S81(B)

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 12.00 ft
 Warning Stage: 15.04 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.00	0.0001	6
15.04	0.0001	6

Comment:

Node: S85

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 12.00 ft
 Warning Stage: 15.04 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.00	0.0001	6
15.04	0.0001	6

Comment:

Node: S86

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.54 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.54	0.0001	6
13.00	0.0001	6

Comment:

Node: S87

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 7.33 ft
 Warning Stage: 11.75 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.33	0.0001	6
11.75	0.0001	6

Comment:

Node: S89

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.38 ft
 Warning Stage: 13.95 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
6.38	0.0001	6
13.95	0.0001	6

Comment:

Node: S9

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0001	6
15.00	0.0001	6

Comment:

Node: S92

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 9.50 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.50	0.0001	6
13.00	0.0001	6

Comment:

Node: S94

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 13.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
13.00	0.0001	6

Comment:

Node: S95

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 13.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.0001	6
13.50	0.0001	6

Comment:

Node: S98

Scenario: Scenario1
 Type: Stage/Area

Base Flow: 0.00 cfs
 Initial Stage: 2.46 ft
 Warning Stage: 13.66 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.46	0.0001	6
13.66	0.0001	6

Comment:

Node: S99

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.75 ft
 Warning Stage: 12.10 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.75	0.0001	6
12.10	0.0001	6

Comment:

Node: STAGE AREA 126

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 16.03 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.00	0.0038	166
14.50	0.0113	492
15.00	0.0438	1908
15.50	0.0890	3833
16.00	0.1062	4626
16.03	0.1302	5672

Comment:

Node: STAGE AREA 164

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 8.00 ft
 Warning Stage: 10.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
8.00	0.0000	0
8.50	0.0363	1581
9.00	0.1738	7571
9.50	0.2079	9056
10.00	0.2098	9139

Comment:

Node: Stage Area 166

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 16.00 ft
 Warning Stage: 17.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
16.00	0.2689	11713
16.50	0.7792	33942
17.00	1.2061	52538

Comment:

Node: STAGE AREA 172

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 11.04 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0007	30
7.50	0.0071	309
8.00	0.0621	2705
8.50	0.1069	4657

Stage [ft]	Area [ac]	Area [ft2]
9.00	0.1949	8490
9.50	0.2953	12863
10.00	0.4058	17677
10.50	0.4967	21636
11.00	0.5258	22904
11.04	0.5283	23013

Comment:

Node: STAGE AREA 178

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 11.00 ft
 Warning Stage: 11.62 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
11.00	0.0086	375
11.50	0.1210	5271
11.62	0.1307	5693

Comment:

Node: STAGE AREA 187

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 16.00 ft
 Warning Stage: 17.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
16.00	0.0053	231
16.50	0.0828	3607
17.00	0.3649	15895

Comment:

Node: STAGE AREA 221

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 15.00 ft
 Warning Stage: 17.69 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
15.00	0.0173	754
15.50	0.0506	2204
16.00	0.1298	5654
16.50	0.2405	10476
17.00	0.3472	15124
17.50	0.3641	15860
17.69	0.3641	15860

Comment:

Node: STAGE AREA 237

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 9.00 ft
 Warning Stage: 10.03 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
9.00	0.0484	2108
9.50	0.1328	5785
10.00	0.1663	7244
10.03	0.1663	7244

Comment:

Node: STAGE AREA 242

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 6.50 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.00	0.0141	614
5.50	0.0342	1490
6.00	0.0980	4269

Stage [ft]	Area [ac]	Area [ft2]
6.50	0.1828	7963
6.90	0.2117	9222

Comment:

Node: STAGE AREA 250

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 7.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.00	0.1315	5728
5.50	0.2136	9304
6.00	0.2358	10271
6.50	0.2548	11099
7.00	0.2626	11439

Comment:

Node: STAGE AREA 263

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 13.50 ft
 Warning Stage: 15.73 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
12.00	0.1542	6717
12.50	0.3031	13203
13.00	0.5666	24681
13.50	0.8126	35397
14.00	1.0698	46600
14.50	1.2286	53518
15.00	1.3090	57020
15.50	1.3282	57856
15.73	1.3291	57896

Comment:

Node: STAGE AREA 268

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 5.78 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0100	436
3.50	0.0369	1607
4.00	0.1307	5693
4.50	0.1408	6133
5.00	0.1408	6133
5.50	0.1408	6133
5.78	0.1408	6133

Comment:

Node: STAGE AREA 273

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.00 ft
 Warning Stage: 6.16 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.00	0.6473	28196
4.50	0.9038	39370
5.00	1.1477	49994
5.50	1.3054	56863
6.00	1.3696	59660
6.16	1.3696	59660

Comment:

Node: STAGE AREA 277

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 4.03 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0031	135
3.50	0.0142	619
4.00	0.0311	1355
4.03	0.0316	1376

Comment:

Node: STAGE AREA 285

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 5.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.9344	40702
3.50	1.4576	63493
4.00	1.5681	68306
4.50	1.5958	69513
5.00	1.5958	69513

Comment:

Node: STAGE AREA 296

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.00 ft
 Warning Stage: 4.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	1.0817	47119
2.50	1.7917	78046
3.00	2.5787	112328
3.50	2.9447	128271
4.00	2.9476	128397

Comment:

Node: STAGE AREA 297
 Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 4.00 ft
 Warning Stage: 4.54 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
4.00	0.0722	3145
4.50	0.1137	4953
4.54	0.1142	4975

Comment:

Node: STAGE AREA 298

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.00 ft
 Warning Stage: 5.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.00	0.0607	2644
1.50	0.0899	3916
2.00	0.1241	5406
2.50	0.1493	6504
3.00	0.1762	7675
3.50	0.2099	9143
4.00	0.2276	9914
4.50	0.2498	10881
5.00	0.2517	10964

Comment:

Node: STAGE AREA 301

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 5.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0670	2919
3.50	0.0964	4199
4.00	0.1187	5171
4.50	0.1339	5833
5.00	0.1354	5898

Comment:

Node: STAGE AREA 317

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.00 ft
 Warning Stage: 5.26 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.1543	6721
2.50	0.2364	10298
3.00	0.5587	24337
3.50	0.8149	35497
4.00	1.0372	45180
4.50	1.1323	49323
5.00	1.1729	51092
5.26	1.1729	51092

Comment:

Node: STAGE AREA 318

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 5.00 ft
 Warning Stage: 7.17 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
5.00	0.0744	3241
5.50	0.1063	4630
6.00	0.1435	6251
6.50	0.1842	8024
7.00	0.2393	10424
7.17	0.2481	10807

Comment:

Node: STAGE AREA 370

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 4.02 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0235	1024
3.50	0.0995	4334
4.00	0.2468	10751
4.02	0.2527	11008

Comment:

Node: STAGE AREA 439

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 3.00 ft
 Warning Stage: 4.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
3.00	0.0079	344
3.50	0.0938	4086
4.00	0.1842	8024

Comment:

Node: STAGE AREA 446

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.00 ft
 Warning Stage: 11.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
10.00	0.1160	5053
10.50	0.2154	9383
11.00	0.2711	11809

Comment:

Node: STAGE AREA 520

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.00 ft
 Warning Stage: 9.31 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
7.00	0.0084	366
7.50	0.0973	4238
8.00	0.2846	12397
8.50	0.3572	15560
9.00	0.4522	19698
9.31	0.5531	24093

Comment:

Node: STAGE AREA 57

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.00	0.0000	0
14.50	0.0460	2004
15.00	0.1776	7736

Comment:

Node: STAGE AREA 70

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 15.13 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.00	0.0015	65
14.50	0.1147	4996
15.00	0.4160	18121
15.13	0.4294	18705

Comment:

Node: STAGE AREA 71

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 15.00 ft
 Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
14.00	0.0013	57
14.50	0.0201	876
15.00	0.0569	2479

Comment:

Node: Structure - (11) (Apalach Pipe Network)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 2.24 ft
 Warning Stage: 4.86 ft
 Alert Stage: 0.00 ft

Comment:

Node: Structure - (50) (Apalach Pipe Network)

Scenario: Scenario1

Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.50 ft
 Warning Stage: 4.12 ft
 Alert Stage: 0.00 ft

Comment:

Node: Structure - (661) (Apalach Pipe Network)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.50 ft
 Warning Stage: 4.12 ft
 Alert Stage: 0.00 ft

Comment:

Node: Structure - (662) (Apalach Pipe Network)

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 1.50 ft
 Warning Stage: 4.12 ft
 Alert Stage: 0.00 ft

Comment:

Node: SWALE 173

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 6.00 ft
 Warning Stage: 11.23 ft
 Alert Stage: 0.00 ft

Comment:

Node: SWALE 191 ENTRY

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 10.72 ft
 Warning Stage: 10.98 ft
 Alert Stage: 0.00 ft

Comment:

Node: SWALE 498 ENTRY

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 14.27 ft
 Alert Stage: 0.00 ft

Comment:

Node: SWALE 500 ENTRY

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 15.00 ft
 Warning Stage: 15.10 ft
 Alert Stage: 0.00 ft

Comment:

Node: SWALE 501 ENTRY

Scenario: Scenario1
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 15.93 ft
 Warning Stage: 15.98 ft
 Alert Stage: 0.00 ft

Comment:

Comment:

Node: SWALE 88

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 13.38 ft
Warning Stage: 13.59 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE DISCHARGE ENTRY

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.01 ft
Warning Stage: 2.77 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE END 298

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 5.64 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 123

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 12.35 ft

Warning Stage: 12.58 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 233

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.00 ft
Warning Stage: 18.00 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 247

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.00 ft
Warning Stage: 6.96 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 248

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 6.00 ft
Warning Stage: 6.94 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 250

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.00 ft
Warning Stage: 5.96 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 298(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 5.61 ft
Warning Stage: 8.05 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 321

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 4.00 ft
Warning Stage: 4.27 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 426

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 12.46 ft
Warning Stage: 12.72 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 478

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 17.12 ft
Warning Stage: 17.50 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE ENTRY 66

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 14.17 ft
Warning Stage: 14.99 ft
Alert Stage: 0.00 ft

Comment:

Node: SWALE STAGE AREA 261

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 16.00 ft
Warning Stage: 16.47 ft
Alert Stage: 0.00 ft

Table with 4 columns: Stage [ft], Area [ac], Area [ft2]. Rows show values for 16.00 and 16.47 stages.

Comment:

Node: TRSYS 491

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.38 ft
Warning Stage: 5.55 ft

Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN BURIED JUNCTION BOX

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.53 ft
Warning Stage: 2.47 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN COLLECTION 440

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.83 ft
Warning Stage: 2.83 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN CONNECTION

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: -0.50 ft
Warning Stage: 2.50 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN CONNECTION 428

Scenario: Scenario1

Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.00 ft
Warning Stage: 3.50 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN DIRECTION 180

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.00 ft
Warning Stage: 9.50 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN PIPE COLLECTION 526

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 8.25 ft
Warning Stage: 9.75 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN PIPE DIRECTION 10

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 11.00 ft
Warning Stage: 12.50 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN PIPE DIRECTION 411

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.43 ft
Warning Stage: 8.43 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN PIPE DIRECTION 411(B)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.54 ft
Warning Stage: 8.54 ft
Alert Stage: 0.00 ft

Comment:

Node: UNKNOWN PIPE DIRECTION 446(A)

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 7.43 ft
Warning Stage: 8.43 ft
Alert Stage: 0.00 ft

Comment:

Channel Link: L-0350C

Table with columns: Scenario, Invert, Manning's N, Geometry, Cross Section, Link Count, Flow Direction, Damping, Length, Contraction Coef.

Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0420C

Table with columns: Scenario, Invert, Manning's N, Geometry, Cross Section, Link Count, Flow Direction, Damping, Length, Contraction Coef, Expansion Coef, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Channel Link: L-0430C

Table with columns: Scenario, Invert, Manning's N, Geometry, Cross Section, Link Count, Flow Direction, Damping, Length, Contraction Coef, Expansion Coef, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Channel Link: L-0440C		Upstream	Downstream
Scenario:	Scenario1	Invert: 15.93 ft	Invert: 15.00 ft
From Node:	SWALE 501 ENTRY	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S182	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0480C	Cross Section: X-0480C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	96.25 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-0450C		Upstream	Downstream
Scenario:	Scenario1	Invert: 0.96 ft	Invert: 0.04 ft
From Node:	PIPE 605 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	DISCHARGE SYSTEM 6	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0540C	Cross Section: X-0520C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	195.65 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-0480C		Upstream	Downstream
Scenario:	Scenario1	Invert: 15.00 ft	Invert: 14.00 ft
From Node:	SWALE 500 ENTRY	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	SWALE 498 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0570C	Cross Section: X-0570C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	88.49 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		

Entr Loss Coef:	0.00
Exit Loss Coef:	0.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Comment:

Channel Link: L-0490C		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.00 ft	Invert: 12.88 ft
From Node:	SWALE 498 ENTRY	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S176	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0590C	Cross Section: X-0600C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	187.17 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-0500C		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.52 ft	Invert: 0.13 ft
From Node:	PIPE 701 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	DISCHARGE SYSTEM 7	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0610C	Cross Section: X-0610C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	270.63 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-0510C		Upstream	Downstream
Scenario:	Scenario1	Invert: 3.72 ft	Invert: 0.13 ft
From Node:	PIPE 805 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	DISCHARGE SYSTEM 8	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0640C	Cross Section: X-0630C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	139.05 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-0520C		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.72 ft	Invert: 8.65 ft
From Node:	SWALE 191 ENTRY	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 806 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0670C	Cross Section: X-0680C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	105.61 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-0530C		Upstream	Downstream
Scenario:	Scenario1	Invert: 6.99 ft	Invert: 6.99 ft
From Node:	PIPE 806 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S191(B)	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0690C	Cross Section: X-0690C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	116.69 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		

Entr Loss Coef:	0.00
Exit Loss Coef:	0.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Comment:

Channel Link: L-0540C		Upstream	Downstream
Scenario:	Scenario1	Invert: 5.00 ft	Invert: 5.00 ft
From Node:	PIPE 902 EXIT	Manning's N: 0.0300	Manning's N: 0.0300
To Node:	PIPE 901 ENTRY	Geometry: Parabolic	Geometry: Parabolic
Link Count:	1	Max Depth: 0.50 ft	Max Depth: 0.50 ft
Flow Direction:	Both	Max Width: 3.00 ft	Max Width: 3.00 ft
Damping:	0.0000 ft	Extrapolation: Normal	Extrapolation: Normal
Length:	45.08 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Exit Loss Coef:	0.00	Op Table:	Op Table:
Bend Loss Coef:	0.00	Ref Node:	Ref Node:
Bend Location:	0.00 dec	Manning's N: 0.0000	Manning's N: 0.0000
Energy Switch:	Energy		
		Top Clip	
		Default: 0.00 ft	Default: 0.00 ft
		Op Table:	Op Table:
		Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Channel Link: L-0550C		Upstream	Downstream
Scenario:	Scenario1	Invert: 4.96 ft	Invert: 4.82 ft
From Node:	PIPE 901 EXIT	Manning's N: 0.0300	Manning's N: 0.0300
To Node:	S197	Geometry: Parabolic	Geometry: Parabolic
Link Count:	1	Max Depth: 0.50 ft	Max Depth: 0.50 ft
Flow Direction:	Both	Max Width: 3.00 ft	Max Width: 3.00 ft
Damping:	0.0000 ft	Extrapolation: Normal	Extrapolation: Normal
Length:	22.90 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Exit Loss Coef:	0.00	Op Table:	Op Table:
Bend Loss Coef:	0.00	Ref Node:	Ref Node:
Bend Location:	0.00 dec	Manning's N: 0.0000	Manning's N: 0.0000
Energy Switch:	Energy		
		Top Clip	
		Default: 0.00 ft	Default: 0.00 ft
		Op Table:	Op Table:

Ref Node: Manning's N: 0.0000 Ref Node: Manning's N: 0.0000

Comment:

Channel Link: L-0560C Upstream Downstream
 Scenario: Scenario1 Invert: 2.08 ft Invert: 2.00 ft
 From Node: PIPE 905 EXIT Manning's N: 0.0000 Manning's N: 0.0000
 To Node: DISCHARGE Geometry: Irregular Geometry: Irregular
 SYSTEM 9 Cross Section: X-0750C Cross Section: X-0740C
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 173.21 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0600C Upstream Downstream
 Scenario: Scenario1 Invert: 12.46 ft Invert: 7.24 ft
 From Node: SWALE ENTRY 426 Manning's N: 0.0000 Manning's N: 0.0000
 To Node: S426 Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0790C Cross Section: X-0780C
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 179.03 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Weir Link: L-0610W Scenario: Scenario1 Bottom Clip
 From Node: STAGE AREA 439 Default: 0.00 ft

To Node: DISCHARGE SYSTEM 13
 Link Count: 1 Op Table:
 Flow Direction: Both Ref Node:
 Damping: 0.0000 ft Top Clip
 Weir Type: Broad Crested Vertical Default: 0.00 ft
 Geometry Type: Irregular Op Table:
 Invert: 3.01 ft Ref Node:
 Control Elevation: 3.01 ft Discharge Coefficients
 Cross Section: X-0800W Weir Default: 2,800
 Weir Table:
 Orifice Default: 0,600
 Orifice Table:

Comment:

Channel Link: L-0630C Upstream Downstream
 Scenario: Scenario1 Invert: 13.38 ft Invert: 13.00 ft
 From Node: SWALE 88 Manning's N: 0.0000 Manning's N: 0.0000
 To Node: S86 Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X5-35 Cross Section: X5-35
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 237.97 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0640C Upstream Downstream
 Scenario: Scenario1 Invert: 17.12 ft Invert: 17.01 ft
 From Node: SWALE ENTRY 478 Manning's N: 0.0000 Manning's N: 0.0000
 To Node: PIPE 352 ENTRY Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0850C Cross Section: X-0860C
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 21.88 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec

Energy Switch: Energy
 Comment:

Channel Link: L-0650C Upstream Downstream
 Scenario: Scenario1 Invert: 17.00 ft Invert: 17.00 ft
 From Node: PIPE 352 EXIT Manning's N: 0.0000 Manning's N: 0.0000
 To Node: PIPE 353 ENTRY Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0870C Cross Section: X-0880C
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 57.54 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0660C Upstream Downstream
 Scenario: Scenario1 Invert: 17.00 ft Invert: 17.00 ft
 From Node: PIPE 353 EXIT Manning's N: 0.0000 Manning's N: 0.0000
 To Node: PIPE 354 ENTRY Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0890C Cross Section: X-0900C
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 25.53 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0670C Upstream Downstream
 Scenario: Scenario1 Invert: 17.00 ft Invert: 17.00 ft
 From Node: PIPE 354 EXIT Manning's N: 0.0000 Manning's N: 0.0000
 To Node: PIPE 355 ENTRY Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0910C Cross Section: X-0920C

Flow Direction: Both
 Damping: 0.0000 ft
 Length: 15.60 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0680C Upstream Downstream
 Scenario: Scenario1 Invert: 17.00 ft Invert: 17.00 ft
 From Node: PIPE 324 EXIT Manning's N: 0.0000 Manning's N: 0.0000
 To Node: PIPE 324 ENTRY Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0930C Cross Section: X-0930C
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 37.96 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0690C Upstream Downstream
 Scenario: Scenario1 Invert: 17.00 ft Invert: 17.00 ft
 From Node: PIPE 324 EXIT Manning's N: 0.0000 Manning's N: 0.0000
 To Node: PIPE 351 ENTRY Geometry: Irregular Geometry: Irregular
 Link Count: 1 Cross Section: X-0940C Cross Section: X-0940C
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 49.23 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Comment:

Channel Link: L-0700C		Upstream	Downstream
Scenario:	Scenario1	Invert: 15.00 ft	Invert: 15.99 ft
From Node:	PIPE 351 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 325 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0960C	Cross Section: X-0950C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	90.02 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0710C		Upstream	Downstream
Scenario:	Scenario1	Invert: 15.98 ft	Invert: 14.53 ft
From Node:	PIPE 325 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 318 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-0950C	Cross Section: X-0970C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	80.51 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0740C		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.53 ft	Invert: 14.38 ft
From Node:	5481	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 321 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1000C	Cross Section: X-1010C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	85.82 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		

Exit Loss Coef:	0.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy
Comment:	

Channel Link: L-0770C		Upstream	Downstream
Scenario:	Scenario1	Invert: 15.00 ft	Invert: 15.00 ft
From Node:	PIPE 323 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 396 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1030C	Cross Section: X-1030C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	78.75 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0780C		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.00 ft	Invert: 14.00 ft
From Node:	PIPE 321 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 322 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1040C	Cross Section: X-1040C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	43.01 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0790C		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.00 ft	Invert: 14.00 ft

From Node:	PIPE 327 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 350 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1050C	Cross Section: X-1050C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	114.53 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0800C		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.17 ft	Invert: 14.00 ft
From Node:	SWALE ENTRY 66	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 327 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-180	Cross Section: XS-179
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	194.18 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0810C		Upstream	Downstream
Scenario:	Scenario1	Invert: 13.25 ft	Invert: 13.00 ft
From Node:	PIPE 301 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 313 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1060C	Cross Section: X-1070C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	258.68 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		

Bend Location:	0.00 dec
Energy Switch:	Energy
Comment:	

Weir Link: L-0830W		Bottom Clip
Scenario:	Scenario1	Default: 0.00 ft
From Node:	STAGE AREA 126	Op Table:
To Node:	5124	Ref Node:
Link Count:	1	Top Clip
Flow Direction:	Both	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:
Weir Type:	Broad Crested Vertical	Ref Node:
Geometry Type:	Irregular	Discharge Coefficients
Invert:	14.87 ft	Weir Default: 2.800
Control Elevation:	14.87 ft	Weir Table:
Cross Section:	X-1090W	Orifice Default: 0.600
Orifice Table:		
Comment:		

Channel Link: L-0860C		Upstream	Downstream
Scenario:	Scenario1	Invert: 13.00 ft	Invert: 13.00 ft
From Node:	PIPE 113 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 111 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-229	Cross Section: XS-228
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	114.97 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		
Comment:			

Channel Link: L-0890C		Upstream	Downstream
Scenario:	Scenario1	Invert: 13.99 ft	Invert: 13.82 ft
From Node:	PIPE 123 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 111 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-227	Cross Section: XS-58

Flow Direction: Both
Damping: 0,0000 ft
Length: 70,62 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0990C
Scenario: Scenario1
From Node: PIPE 115 EXIT
To Node: PIPE 123 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 90,59 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0910C
Scenario: Scenario1
From Node: PIPE 117 EXIT
To Node: PIPE 116 EXIT
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 80,34 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0910C
Scenario: Scenario1
From Node: PIPE 117 EXIT
To Node: PIPE 116 EXIT
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 80,34 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0930C
Scenario: Scenario1
From Node: PIPE EXIT 136
To Node: S36 UNKNOWN CONNECTION
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 352,20 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0940C
Scenario: Scenario1
From Node: PIPE 1748 EXIT
To Node: PIPE 1745 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 123,14 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-0960C
Scenario: Scenario1
From Node: PIPE 1745 EXIT
To Node: PIPE 1733 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 116,14 ft
Contraction Coef: 0,00
Expansion Coef: 0,00

Comment:

Channel Link: L-0960C
Scenario: Scenario1
From Node: PIPE 1745 EXIT
To Node: PIPE 1733 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 116,14 ft
Contraction Coef: 0,00
Expansion Coef: 0,00

Comment:

Channel Link: L-0960C
Scenario: Scenario1
From Node: PIPE 1745 EXIT
To Node: PIPE 1733 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 116,14 ft
Contraction Coef: 0,00
Expansion Coef: 0,00

Comment:

Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Weir Link: L-0970W
Scenario: Scenario1
From Node: STAGE AREA 237
To Node: S237
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Weir Type: Horizontal
Geometry Type: Rectangular
Invert: 9,01 ft
Control Elevation: 9,01 ft
Max Depth: 3,00 ft
Max Width: 2,00 ft
Fillet: 0,00 ft
Bottom Clip: 0,00 ft
Op Table:
Ref Node:
Top Clip: 0,00 ft
Op Table:
Ref Node:
Discharge Coefficients:
Weir Default: 2,800
Weir Table:
Orifice Default: 0,600
Orifice Table:

Comment:

Channel Link: L-0980C
Scenario: Scenario1
From Node: PIPE 1740 EXIT
To Node: S213
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 181,66 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Weir Link: L-0990W
Scenario: Scenario1
Bottom Clip

Comment:

Scenario: Scenario1
Bottom Clip

From Node: STAGE AREA 164
To Node: PIPE 1744 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Weir Type: Broad Crested Vertical
Geometry Type: Irregular
Invert: 8,87 ft
Control Elevation: 8,87 ft
Cross Section: X-1170W
Default: 0,00 ft
Op Table:
Ref Node:
Top Clip: 0,00 ft
Op Table:
Ref Node:
Discharge Coefficients:
Weir Default: 2,800
Weir Table:
Orifice Default: 0,600
Orifice Table:

Comment:

Weir Link: L-1000W
Scenario: Scenario1
From Node: STAGE AREA 520
To Node: S208
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Weir Type: Broad Crested Vertical
Geometry Type: Irregular
Invert: 7,96 ft
Control Elevation: 7,96 ft
Cross Section: X-1180W
Bottom Clip: 0,00 ft
Op Table:
Ref Node:
Top Clip: 0,00 ft
Op Table:
Ref Node:
Discharge Coefficients:
Weir Default: 2,800
Weir Table:
Orifice Default: 0,600
Orifice Table:

Comment:

Channel Link: L-1020C
Scenario: Scenario1
From Node: PIPE 1710 EXIT
To Node: PIPE 1708 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0,0000 ft
Length: 126,05 ft
Contraction Coef: 0,00
Expansion Coef: 0,00
Entr Loss Coef: 0,00
Exit Loss Coef: 0,00
Bend Loss Coef: 0,00
Bend Location: 0,00 dec

Comment:

Scenario: Scenario1
Invert: 9,89 ft
Manning's N: 0,0000
Geometry: Irregular
Cross Section: X-1200C
Scenario: Scenario1
Invert: 8,00 ft
Manning's N: 0,0000
Geometry: Irregular
Cross Section: XS-72

Comment:

Scenario: Scenario1
Bottom Clip

Energy Switch: Energy

Comment:

Channel Link: L-1030C		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.00 ft	Invert: 6.71 ft
From Node:	PIPE 1708 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S240	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1460C	Cross Section: XS-71
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	103.95 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-1040C		Upstream	Downstream
Scenario:	Scenario1	Invert: 12.96 ft	Invert: 11.00 ft
From Node:	PIPE 1711 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 1710 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1210C	Cross Section: XS-75
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	117.01 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-1050C		Upstream	Downstream
Scenario:	Scenario1	Invert: 13.00 ft	Invert: 13.00 ft
From Node:	PIPE 1723 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 1711 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-77	Cross Section: XS-76

Flow Direction: Both

Damping: 0.0000 ft

Length: 40.12 ft

Contraction Coef: 0.00

Expansion Coef: 0.00

Entr Loss Coef: 0.00

Exit Loss Coef: 0.00

Bend Loss Coef: 0.00

Bend Location: 0.00 dec

Energy Switch: Energy

Comment:

Channel Link: L-1060C		Upstream	Downstream
Scenario:	Scenario1	Invert: 17.00 ft	Invert: 17.00 ft
From Node:	SWALE ENTRY 233	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S233	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1230C	Cross Section: X-1220C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	187.59 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-1070C		Upstream	Downstream
Scenario:	Scenario1	Invert: 15.00 ft	Invert: 15.00 ft
From Node:	PIPE 1722 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S232	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-84	Cross Section: XS-84
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	64.12 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-1080C		Upstream	Downstream
Scenario:	Scenario1	Invert: 13.00 ft	Invert: 13.08 ft
From Node:	PIPE 1720 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	PIPE 1723 ENTRY	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1250C	Cross Section: X-1240C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	35.85 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-1090C		Upstream	Downstream
Scenario:	Scenario1	Invert: 6.00 ft	Invert: 6.00 ft
From Node:	SWALE ENTRY 248	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S248	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-136	Cross Section: X-1260C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	86.55 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Channel Link: L-1100C		Upstream	Downstream
Scenario:	Scenario1	Invert: 6.00 ft	Invert: 6.00 ft
From Node:	SWALE ENTRY 247	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S247	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: XS-66	Cross Section: XS-64
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	113.24 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		

Exit Loss Coef: 0.00

Bend Loss Coef: 0.00

Bend Location: 0.00 dec

Energy Switch: Energy

Comment:

Weir Link: L-1110W		Bottom Clip
Scenario:	Scenario1	Default: 0.00 ft
From Node:	STAGE AREA 242	Op Table:
To Node:	PIPE 1758 ENTRY	Ref Node:
Link Count:	1	Top Clip
Flow Direction:	Both	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:
Weir Type:	Sharp Crested Vertical	Ref Node:
Geometry Type:	Circular	Discharge Coefficients
Invert:	3.34 ft	Weir Default: 2.800
Control Elevation:	3.34 ft	Weir Table:
Max Depth:	2.00 ft	Orifice Default: 0.600
		Orifice Table:

Comment:

Channel Link: L-1120C		Upstream	Downstream
Scenario:	Scenario1	Invert: 5.00 ft	Invert: 5.00 ft
From Node:	SWALE ENTRY 250	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	S250(A)	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1280C	Cross Section: X-1290C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	41.17 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Weir Link: L-1130W		Bottom Clip
Scenario:	Scenario1	Default: 0.00 ft
From Node:	STAGE AREA 250	

To Node: SWALE ENTRY 250
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Broad Crested Vertical
Geometry Type: Irregular
Invert: 5.00 ft
Control Elevation: 5.00 ft
Cross Section: X-1270W

Op Table:
Ref Node:
Top Clip
Default: 0.00 ft
Op Table:
Ref Node:
Discharge Coefficients
Weir Default: 2.800
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment:

Channel Link: L-1140C
Scenario: Scenario1
From Node: SWALE ENTRY 321
To Node: S322
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Length: 149.17 ft
Contraction Coef: 0.00
Expansion Coef: 0.00
Entr Loss Coef: 0.00
Exit Loss Coef: 0.00
Bend Loss Coef: 0.00
Bend Location: 0.00 dec
Energy Switch: Energy

Upstream
Invert: 4.00 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: XS-132

Downstream
Invert: 4.00 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: XS-133

Comment:

Channel Link: L-1150C
Scenario: Scenario1
From Node: PIPE 1753 EXIT
To Node: PIPE 1775 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Length: 203.41 ft
Contraction Coef: 0.00
Expansion Coef: 0.00
Entr Loss Coef: 0.00
Exit Loss Coef: 0.00
Bend Loss Coef: 0.00
Bend Location: 0.00 dec

Upstream
Invert: 5.00 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1300C

Downstream
Invert: 3.71 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1310C

Comment:

Energy Switch: Energy

Comment:

Weir Link: L-1160W
Scenario: Scenario1
From Node: STAGE AREA 301
To Node: SWALE END 298
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Broad Crested Vertical
Geometry Type: Irregular
Invert: 3.02 ft
Control Elevation: 3.02 ft
Cross Section: X-1330W

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:
Top Clip
Default: 0.00 ft
Op Table:
Ref Node:
Discharge Coefficients
Weir Default: 2.800
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment:

Channel Link: L-1170C
Scenario: Scenario1
From Node: SWALE END 298
To Node: STAGE AREA 298
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Length: 141.94 ft
Contraction Coef: 0.00
Expansion Coef: 0.00
Entr Loss Coef: 0.00
Exit Loss Coef: 0.00
Bend Loss Coef: 0.00
Bend Location: 0.00 dec
Energy Switch: Energy

Upstream
Invert: 1.95 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1340C

Downstream
Invert: 1.95 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1340C

Comment:

Channel Link: L-1230C
Scenario: Scenario1
From Node: PIPE 1702 EXIT
To Node: SWALE END 298
Link Count: 1
Flow Direction: Both

Upstream
Invert: 2.99 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1380C

Downstream
Invert: 2.00 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1370C

Comment:

Damping: 0.0000 ft
Length: 305.79 ft
Contraction Coef: 0.00
Expansion Coef: 0.00
Entr Loss Coef: 0.00
Exit Loss Coef: 0.00
Bend Loss Coef: 0.00
Bend Location: 0.00 dec
Energy Switch: Energy

Comment:

Channel Link: L-1240C
Scenario: Scenario1
From Node: SWALE ENTRY 298(A)
To Node: PIPE 1702 EXIT
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Length: 85.47 ft
Contraction Coef: 0.00
Expansion Coef: 0.00
Entr Loss Coef: 0.00
Exit Loss Coef: 0.00
Bend Loss Coef: 0.00
Bend Location: 0.00 dec
Energy Switch: Energy

Upstream
Invert: 5.61 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1390C

Downstream
Invert: 2.99 ft
Manning's N: 0.0000
Geometry: Irregular
Cross Section: X-1380C

Comment:

Weir Link: L-1250W
Scenario: Scenario1
From Node: STAGE AREA 318
To Node: STAGE AREA 298
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Broad Crested Vertical
Geometry Type: Irregular
Invert: 6.86 ft
Control Elevation: 6.86 ft
Cross Section: X-1320W

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:
Top Clip
Default: 0.00 ft
Op Table:
Ref Node:
Discharge Coefficients
Weir Default: 2.800
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment:

Weir Link: L-1260W
Scenario: Scenario1
From Node: STAGE AREA 297
To Node: DROP STRUCTURE 297
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Horizontal
Geometry Type: Rectangular
Invert: 4.50 ft
Control Elevation: 4.50 ft
Max Depth: 2.00 ft
Max Width: 3.00 ft
Fillet: 0.00 ft

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:
Top Clip
Default: 0.00 ft
Op Table:
Ref Node:
Discharge Coefficients
Weir Default: 2.800
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment:

Weir Link: L-1270W
Scenario: Scenario1
From Node: STAGE AREA 317
To Node: PIPE 1789 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Broad Crested Vertical
Geometry Type: Circular
Invert: 0.87 ft
Control Elevation: 0.87 ft
Max Depth: 2.00 ft

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:
Top Clip
Default: 0.00 ft
Op Table:
Ref Node:
Discharge Coefficients
Weir Default: 2.800
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment:

Weir Link: L-1280W
Scenario: Scenario1
From Node: STAGE AREA 298
To Node: PIPE 1771 ENTRY
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Sharp Crested Vertical
Geometry Type: Circular
Invert: -0.72 ft
Control Elevation: -0.72 ft
Max Depth: 2.00 ft

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:
Top Clip
Default: 0.00 ft
Op Table:
Ref Node:
Discharge Coefficients
Weir Default: 2.800
Weir Table:
Orifice Default: 0.600

Comment:

Orifice Table:	
Comment:	

Weir Link: L-1290W	
Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 298	Default: 0.00 ft
To Node: PIPE 1770 ENTRY	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: -0.60 ft	Discharge Coefficients
Control Elevation: -0.60 ft	Weir Default: 2.800
Max Depth: 2.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1300W	
Scenario: Scenario1	Bottom Clip
From Node: PIPE 1789 EXIT	Default: 0.00 ft
To Node: STAGE AREA 298	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: 0.50 ft	Discharge Coefficients
Control Elevation: 0.50 ft	Weir Default: 2.800
Max Depth: 2.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1310W	
Scenario: Scenario1	Bottom Clip
From Node: PIPE 1703 EXIT	Default: 0.00 ft
To Node: STAGE AREA 298	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip

Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: 1.00 ft	Discharge Coefficients
Control Elevation: 1.00 ft	Weir Default: 2.800
Max Depth: 1.50 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1320W	
Scenario: Scenario1	Bottom Clip
From Node: PIPE 1771 EXIT	Default: 0.00 ft
To Node: SWALE DISCHARGE ENTRY	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: -1.76 ft	Discharge Coefficients
Control Elevation: -1.76 ft	Weir Default: 2.800
Max Depth: 2.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1330W	
Scenario: Scenario1	Bottom Clip
From Node: PIPE 1770 EXIT	Default: 0.00 ft
To Node: SWALE DISCHARGE ENTRY	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: -1.70 ft	Discharge Coefficients
Control Elevation: -1.70 ft	Weir Default: 2.800
Max Depth: 2.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Channel Link: L-1340C		Upstream	Downstream
Scenario: Scenario1	Invert: 1.01 ft	Invert: 0.96 ft	
From Node: SWALE DISCHARGE ENTRY	Manning's N: 0.0000	Manning's N: 0.0000	
To Node: DISCHARGE SYSTEM 17	Geometry: Irregular	Geometry: Irregular	
	Cross Section: X-1400C	Cross Section: X-1410C	
Link Count: 1			
Flow Direction: Both			
Damping: 0.0000 ft			
Length: 143.58 ft			
Contraction Coef: 0.00			
Expansion Coef: 0.00			
Entr Loss Coef: 0.00			
Exit Loss Coef: 0.00			
Bend Loss Coef: 0.00			
Bend Location: 0.00 dec			
Energy Switch: Energy			

Comment:

Weir Link: L-1350W	
Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 268	Default: 0.00 ft
To Node: PIPE 1804 ENTRY	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: 3.00 ft	Discharge Coefficients
Control Elevation: 3.00 ft	Weir Default: 2.800
Max Depth: 1.50 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1360W	
Scenario: Scenario1	Bottom Clip
From Node: PIPE 1804 EXIT	Default: 0.00 ft
To Node: STAGE AREA 296	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: 3.00 ft	Discharge Coefficients

Control Elevation: 3.00 ft	Weir Default: 2.800
Max Depth: 1.50 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1370W	
Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 296	Default: 0.00 ft
To Node: PIPE 1811 ENTRY	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: 2.00 ft	Discharge Coefficients
Control Elevation: 2.00 ft	Weir Default: 2.800
Max Depth: 2.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1380W	
Scenario: Scenario1	Bottom Clip
From Node: PIPE 1803 EXIT	Default: 0.00 ft
To Node: STAGE AREA 296	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Circular	Ref Node:
Invert: 2.00 ft	Discharge Coefficients
Control Elevation: 2.00 ft	Weir Default: 2.800
Max Depth: 2.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L-1390W	
Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 285	Default: 0.00 ft

To Node:	PIPE 1803 ENTRY
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.00 ft
Control Elevation:	2.00 ft
Max Depth:	2.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1400W	
Scenario:	Scenario1
Bottom Clip	
From Node:	PIPE 1809 EXIT
To Node:	STAGE AREA 285
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.50 ft
Control Elevation:	2.50 ft
Max Depth:	2.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1410W	
Scenario:	Scenario1
Bottom Clip	
From Node:	STAGE AREA 273
To Node:	PIPE 1809 ENTRY
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.50 ft
Control Elevation:	2.50 ft
Max Depth:	2.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1420W	
Scenario:	Scenario1
Bottom Clip	
From Node:	PIPE 1801 ENTRY
To Node:	STAGE AREA 273
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Circular
Invert:	4.00 ft
Control Elevation:	4.00 ft
Max Depth:	1.50 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1410W	
Scenario:	Scenario1
Bottom Clip	
From Node:	STAGE AREA 277
To Node:	Structure - (661) (Apalachicola Pipe Network)
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	3.50 ft
Control Elevation:	3.50 ft
Max Depth:	3.00 ft
Max Width:	2.00 ft
Fillet:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1450W	
Scenario:	Scenario1
Bottom Clip	
From Node:	PIPE 1802 EXIT
To Node:	STAGE AREA 285
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	1.76 ft
Control Elevation:	1.76 ft
Max Depth:	1.50 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	

Orifice Default:	0.600
Orifice Table:	

Comment:

Channel Link: L-1460C			
Scenario:	Scenario1	Invert:	2.00 ft
From Node:	DISCHARGE SWALE 18	Manning's N:	0.0000
To Node:	DISCHARGE SYSTEM 18	Geometry:	Irregular
Link Count:	1	Cross Section:	X-1440C
Flow Direction:	Both	Geometry:	Irregular
Damping:	0.0000 ft	Cross Section:	X-1450C
Length:	101.25 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Weir Link: L-1470W	
Scenario:	Scenario1
Bottom Clip	
From Node:	PIPE 1810 EXIT
To Node:	DISCHARGE SWALE 18
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.00 ft
Control Elevation:	2.00 ft
Max Depth:	1.25 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1480W	
Scenario:	Scenario1
Bottom Clip	

From Node:	PIPE 1811 EXIT
To Node:	DISCHARGE SWALE 18
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.00 ft
Control Elevation:	2.00 ft
Max Depth:	2.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1490W	
Scenario:	Scenario1
Bottom Clip	
From Node:	PIPE 1812 EXIT
To Node:	STAGE AREA 296
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.00 ft
Control Elevation:	2.00 ft
Max Depth:	1.25 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1500W	
Scenario:	Scenario1
Bottom Clip	
From Node:	PIPE 360 EXIT
To Node:	OUTFALL SYSTEM 3
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	2.53 ft
Control Elevation:	2.53 ft
Max Depth:	1.50 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: L-1510W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 1054 EXIT	Default: 0.00 ft
To Node:	DISCHARGE SYSTEM 10	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:
Geometry Type:	Circular	Ref Node:
Invert:	-1.50 ft	Discharge Coefficients
Control Elevation:	-1.50 ft	Weir Default: 2.800
Max Depth:	3.00 ft	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1520W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 1055 EXIT	Default: 0.00 ft
To Node:	DISCHARGE SYSTEM 10	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:
Geometry Type:	Circular	Ref Node:
Invert:	-1.50 ft	Discharge Coefficients
Control Elevation:	-1.50 ft	Weir Default: 2.800
Max Depth:	3.00 ft	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1530W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 127 EXIT	Default: 0.00 ft
To Node:	OUTFALL SYSTEM 1	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:

Geometry Type:	Circular	Ref Node:
Invert:	8.00 ft	Discharge Coefficients
Control Elevation:	8.00 ft	Weir Default: 2.800
Max Depth:	2.00 ft	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1560W

Scenario:	Scenario1	Bottom Clip
From Node:	STAGE AREA 57	Default: 0.00 ft
To Node:	S58	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	14.96 ft	Discharge Coefficients
Control Elevation:	14.96 ft	Weir Default: 2.800
Cross Section:	X-1470W	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Channel Link: L-1580C

Scenario:	Scenario1	Invert: 8.50 ft	Invert: 6.32 ft
From Node:	PIPE 1814 EXIT	Manning's N: 0.0000	Manning's N: 0.0000
To Node:	STAGE AREA 268	Geometry: Irregular	Geometry: Irregular
Link Count:	1	Cross Section: X-1490C	Cross Section: X-1480C
Flow Direction:	Both		
Damping:	0.0000 ft		
Length:	166.31 ft		
Contraction Coef:	0.00		
Expansion Coef:	0.00		
Entr Loss Coef:	0.00		
Exit Loss Coef:	0.00		
Bend Loss Coef:	0.00		
Bend Location:	0.00 dec		
Energy Switch:	Energy		

Comment:

Weir Link: L-1590W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 1805 EXIT	Default: 0.00 ft
To Node:	STAGE AREA 268	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:
Geometry Type:	Circular	Ref Node:
Invert:	3.00 ft	Discharge Coefficients
Control Elevation:	3.00 ft	Weir Default: 2.800
Max Depth:	1.50 ft	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1600W

Scenario:	Scenario1	Bottom Clip
From Node:	STAGE AREA 263	Default: 0.00 ft
To Node:	STAGE AREA 296	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	12.95 ft	Discharge Coefficients
Control Elevation:	12.95 ft	Weir Default: 2.800
Cross Section:	X-1420W	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1610W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 1816 EXIT	Default: 0.00 ft
To Node:	STAGE AREA 263	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:
Geometry Type:	Circular	Ref Node:
Invert:	6.00 ft	Discharge Coefficients
Control Elevation:	6.00 ft	Weir Default: 2.800
Max Depth:	1.25 ft	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Weir Link: L-1620W

Scenario:	Scenario1	Bottom Clip
From Node:	SWALE STAGE AREA 261	Default: 0.00 ft
To Node:	STAGE AREA 263	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	16.00 ft	Discharge Coefficients
Control Elevation:	16.00 ft	Weir Default: 2.800
Cross Section:	X-1510W	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1630W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 1815 EXIT	Default: 0.00 ft
To Node:	SWALE STAGE AREA 261	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:
Geometry Type:	Circular	Ref Node:
Invert:	16.00 ft	Discharge Coefficients
Control Elevation:	16.00 ft	Weir Default: 2.800
Max Depth:	1.50 ft	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L-1640W

Scenario:	Scenario1	Bottom Clip
From Node:	PIPE 343 EXIT	Default: 0.00 ft
To Node:	OUTFALL SYSTEM 3	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Comment:

Damping: 0.0000 ft
 Weir Type: Sharp Crested Vertical
 Geometry Type: Circular
 Invert: 3.00 ft
 Control Elevation: 3.00 ft
 Max Depth: 3.00 ft

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Scenario: Scenario1
 From Node: STAGE AREA 172
 To Node: S172 UNKNOWN
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Horizontal
 Geometry Type: Rectangular
 Invert: 11.01 ft
 Control Elevation: 11.01 ft
 Max Depth: 3.00 ft
 Max Width: 2.00 ft
 Fillet: 0.00 ft

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Scenario: Scenario1
 From Node: PIPE 1787 EXIT
 To Node: STAGE AREA 298
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Sharp Crested Vertical
 Geometry Type: Circular
 Invert: -0.38 ft
 Control Elevation: -0.38 ft
 Max Depth: 3.00 ft

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Scenario: Scenario1
 From Node: PIPE 1788 EXIT
 To Node: STAGE AREA 298
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Sharp Crested Vertical
 Geometry Type: Circular
 Invert: -0.36 ft
 Control Elevation: -0.36 ft
 Max Depth: 3.00 ft

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Scenario: Scenario1
 From Node: PIPE 1785 EXIT
 To Node: STAGE AREA 298
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Sharp Crested Vertical
 Geometry Type: Circular
 Invert: 1.59 ft
 Control Elevation: 1.59 ft
 Max Depth: 1.50 ft

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Scenario: Scenario1
 From Node: STAGE AREA 178
 To Node: S505
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 11.01 ft
 Control Elevation: 11.01 ft
 Cross Section: X-1520W

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Orifice Table:
 Comment:

Scenario: Scenario1
 From Node: SWALE ENTRY 123
 To Node: S122
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 142.60 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Upstream
 Invert: 12.35 ft
 Manning's N: 0.0000
 Geometry: Irregular
 Cross Section: X-1860C

Downstream
 Invert: 12.31 ft
 Manning's N: 0.0000
 Geometry: Irregular
 Cross Section: X-1860C

Comment:

Scenario: Scenario1
 From Node: OVERLAND FLOW 181
 To Node: STAGE AREA 178
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 339.97 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Upstream
 Invert: 13.29 ft
 Manning's N: 0.0000
 Geometry: Irregular
 Cross Section: X-1500C

Downstream
 Invert: 12.00 ft
 Manning's N: 0.0000
 Geometry: Irregular
 Cross Section: X-1540C

Comment:

Scenario: Scenario1
 From Node: OVERLAND FLOW
 Manning's N: 0.0000

Upstream
 Invert: 16.00 ft
 Manning's N: 0.0000

Downstream
 Invert: 15.68 ft
 Manning's N: 0.0000

To Node: S167
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 485.99 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Geometry: Irregular
 Cross Section: X-1560C
 Geometry: Irregular
 Cross Section: X-1500C

Comment:

Scenario: Scenario1
 From Node: OVERLAND ENTRY 119
 To Node: S167
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Length: 406.39 ft
 Contraction Coef: 0.00
 Expansion Coef: 0.00
 Entr Loss Coef: 0.00
 Exit Loss Coef: 0.00
 Bend Loss Coef: 0.00
 Bend Location: 0.00 dec
 Energy Switch: Energy

Upstream
 Invert: 15.99 ft
 Manning's N: 0.0000
 Geometry: Irregular
 Cross Section: X-1580C

Downstream
 Invert: 14.42 ft
 Manning's N: 0.0000
 Geometry: Irregular
 Cross Section: X-1590C

Comment:

Scenario: Scenario1
 From Node: STAGE AREA 446
 To Node: S449
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 10.38 ft
 Control Elevation: 10.38 ft
 Cross Section: X-1600W

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Orifice Default: 0,600
Orifice Table:

Comment:

Weir Link: L-1810W

Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 221	Default: 0,00 ft
To Node: S220	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0,0000 ft	Default: 0,00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 16,45 ft	Discharge Coefficients
Control Elevation: 16,45 ft	Weir Default: 2,800
Cross Section: X-1610W	Weir Table:
	Orifice Default: 0,600
	Orifice Table:

Comment:

Channel Link: L-1840C

	Upstream	Downstream
Scenario: Scenario1	Invert: 15,11 ft	Invert: 15,00 ft
From Node: Overland Flow	Manning's N: 0,0000	Manning's N: 0,0000
Entry 188	Geometry: Irregular	Geometry: Irregular
To Node: S527	Cross Section: X-1640C	Cross Section: X-1630C
Link Count: 1		
Flow Direction: Both		
Damping: 0,0000 ft		
Length: 345,09 ft		
Contraction Coef: 0,00		
Expansion Coef: 0,00		
Entr Loss Coef: 0,00		
Exit Loss Coef: 0,00		
Bend Loss Coef: 0,00		
Bend Location: 0,00 dec		
Energy Switch: Energy		

Comment:

Weir Link: L-1850W

Scenario: Scenario1	Bottom Clip
From Node: Stage Area 166	Default: 0,00 ft

To Node: S165	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0,0000 ft	Default: 0,00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 16,01 ft	Discharge Coefficients
Control Elevation: 16,01 ft	Weir Default: 2,800
Cross Section: X-1660W	Weir Table:
	Orifice Default: 0,600
	Orifice Table:

Comment:

Weir Link: L-1860W

Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 187	Default: 0,00 ft
To Node: SWALE 501 ENTRY	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0,0000 ft	Default: 0,00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 16,00 ft	Discharge Coefficients
Control Elevation: 16,00 ft	Weir Default: 2,800
Cross Section: X-1670W	Weir Table:
	Orifice Default: 0,600
	Orifice Table:

Comment:

Channel Link: L-1890C

	Upstream	Downstream
Scenario: Scenario1	Invert: 15,00 ft	Invert: 14,43 ft
From Node: Overland Flow	Manning's N: 0,0000	Manning's N: 0,0000
Entry 47	Geometry: Irregular	Geometry: Irregular
To Node: OFFSITE DRAINAGE 3	Cross Section: X-1730C	Cross Section: X-1740C
Link Count: 1		
Flow Direction: Both		
Damping: 0,0000 ft		
Length: 539,52 ft		
Contraction Coef: 0,00		
Expansion Coef: 0,00		
Entr Loss Coef: 0,00		
Exit Loss Coef: 0,00		
Bend Loss Coef: 0,00		

Bend Location: 0,00 dec
Energy Switch: Energy

Comment:

Channel Link: L-1890C

	Upstream	Downstream
Scenario: Scenario1	Invert: 16,00 ft	Invert: 15,77 ft
From Node: Overland Flow	Manning's N: 0,0000	Manning's N: 0,0000
Entry 23	Geometry: Irregular	Geometry: Irregular
To Node: OFFSITE DRAINAGE 3	Cross Section: X-1720C	Cross Section: X-1750C
Link Count: 1		
Flow Direction: Both		
Damping: 0,0000 ft		
Length: 787,13 ft		
Contraction Coef: 0,00		
Expansion Coef: 0,00		
Entr Loss Coef: 0,00		
Exit Loss Coef: 0,00		
Bend Loss Coef: 0,00		
Bend Location: 0,00 dec		
Energy Switch: Energy		

Comment:

Channel Link: L-1900C

	Upstream	Downstream
Scenario: Scenario1	Invert: 16,23 ft	Invert: 13,60 ft
From Node: Overland Flow	Manning's N: 0,0000	Manning's N: 0,0000
Entry 22	Geometry: Irregular	Geometry: Irregular
To Node: S34	Cross Section: X-1770C	Cross Section: X-1760C
Link Count: 1		
Flow Direction: Both		
Damping: 0,0000 ft		
Length: 438,15 ft		
Contraction Coef: 0,00		
Expansion Coef: 0,00		
Entr Loss Coef: 0,00		
Exit Loss Coef: 0,00		
Bend Loss Coef: 0,00		
Bend Location: 0,00 dec		
Energy Switch: Energy		

Comment:

Channel Link: L-1910C

	Upstream	Downstream
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Scenario: Scenario1	Invert: 15,14 ft	Invert: 14,00 ft
From Node: Overland Flow	Manning's N: 0,0000	Manning's N: 0,0000
Entry	Geometry: Irregular	Geometry: Irregular
To Node: S95	Cross Section: X-1790C	Cross Section: X-1780C
Link Count: 1		
Flow Direction: Both		
Damping: 0,0000 ft		
Length: 357,03 ft		
Contraction Coef: 0,00		
Expansion Coef: 0,00		
Entr Loss Coef: 0,00		
Exit Loss Coef: 0,00		
Bend Loss Coef: 0,00		
Bend Location: 0,00 dec		
Energy Switch: Energy		

Comment:

Weir Link: L-1920W

Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 70	Default: 0,00 ft
To Node: M81	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0,0000 ft	Default: 0,00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 14,97 ft	Discharge Coefficients
Control Elevation: 14,97 ft	Weir Default: 2,800
Cross Section: X-1830W	Weir Table:
	Orifice Default: 0,600
	Orifice Table:

Comment:

Weir Link: L-1930W

Scenario: Scenario1	Bottom Clip
From Node: STAGE AREA 370	Default: 0,00 ft
To Node: S347	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0,0000 ft	Default: 0,00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 3,90 ft	Discharge Coefficients
Control Elevation: 3,90 ft	Weir Default: 2,800
Cross Section: X-1850W	Weir Table:
	Orifice Default: 0,600
	Orifice Table:

Orifice Default:	0,600
Orifice Table:	

Comment:

Pipe Link: L-1940P	Upstream	Downstream
Scenario: Scenario1	Invert: 1.50 ft	Invert: 1.00 ft
From Node: S521	Manning's N: 0.0120	Manning's N: 0.0120
To Node: UNKNOWN	Geometry: Circular	Geometry: Circular
Link Count: CONNECTION 428	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 164.07 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: L-1970P	Upstream	Downstream
Scenario: Scenario1	Invert: 9.25 ft	Invert: 9.00 ft
From Node: S128	Manning's N: 0.0120	Manning's N: 0.0120
To Node: S79	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 54.66 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: Pipe - (217) (Apalach Network)	Upstream	Downstream
Scenario: Scenario1	Invert: 13.00 ft	Invert: 13.00 ft
	Manning's N: 0.0120	Manning's N: 0.0120

From Node: S135	Geometry: Circular	Geometry: Circular
To Node: PIPE EXIT 136	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Link Count: 1	Bottom Clip	
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 41.86 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1000	Upstream	Downstream
Scenario: Scenario1	Invert: 7.50 ft	Invert: 7.00 ft
From Node: S395	Manning's N: 0.0120	Manning's N: 0.0120
To Node: S414(A)	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 167.83 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1001	Upstream	Downstream
Scenario: Scenario1	Invert: 7.00 ft	Invert: 7.00 ft
From Node: S414(A)	Manning's N: 0.0120	Manning's N: 0.0120
To Node: S414(B)	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 6.98 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Manning's N:	0.0000	Manning's N:	0.0000
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Comment:

Pipe Link: PIPE 1002	Upstream	Downstream
Scenario: Scenario1	Invert: 7.00 ft	Invert: 6.75 ft
From Node: S414(B)	Manning's N: 0.0120	Manning's N: 0.0120
To Node: H413(A)	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 99.92 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1003	Upstream	Downstream
Scenario: Scenario1	Invert: 7.00 ft	Invert: 6.75 ft
From Node: S413(CURB)	Manning's N: 0.0120	Manning's N: 0.0120
To Node: H413(A)	Geometry: Horizontal Ellipse	Geometry: Horizontal Ellipse
Link Count: 1	Max Depth: 0.10 ft	Max Depth: 0.10 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 18.53 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1004	Upstream	Downstream
Scenario: Scenario1	Invert: 8.00 ft	Invert: 7.00 ft
From Node: S396	Manning's N: 0.0120	Manning's N: 0.0120
To Node: S413(CURB)	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft

Flow Direction: Both	Bottom Clip	Bottom Clip
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 123.79 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1005	Upstream	Downstream
Scenario: Scenario1	Invert: 9.00 ft	Invert: 8.00 ft
From Node: S393	Manning's N: 0.0120	Manning's N: 0.0120
To Node: S396	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 81.99 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1006	Upstream	Downstream
Scenario: Scenario1	Invert: 6.75 ft	Invert: 6.00 ft
From Node: S411	Manning's N: 0.0120	Manning's N: 0.0120
To Node: PM412	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 153.70 ft	Ref Node:	Ref Node:
FHWA Code: 0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef: 0.00	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 dec	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1007		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.00 ft	Invert: 7.50 ft
From Node:	S384	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S490	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	48.59 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1008		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.25 ft	Invert: 8.00 ft
From Node:	S382	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S384	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	54.07 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1009		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.00 ft	Invert: 7.89 ft
From Node:	S528	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S202	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	128.84 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	

Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 101		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.00 ft	Invert: 14.00 ft
From Node:	S67	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STAGE AREA 71	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	63.54 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1010		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.00 ft	Invert: 8.00 ft
From Node:	S525	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S528	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	33.93 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1011		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.50 ft	Invert: 8.00 ft

From Node:	S527	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S528	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	110.80 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1012		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.50 ft	Invert: 8.50 ft
From Node:	S526	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S527	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	33.55 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1013		Upstream	Downstream
Scenario:	Scenario1	Invert: 6.75 ft	Invert: 6.00 ft
From Node:	M413(A)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PM412	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	43.85 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1013A		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.50 ft	Invert: 8.25 ft
From Node:	S526	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE CONNECTION TO PIPE 1013	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	103.84 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1013B		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.25 ft	Invert: 8.25 ft
From Node:	UNKNOWN PIPE COLLECTION 526	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE CONNECTION TO PIPE 1013	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	141.77 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1014		Upstream	Downstream
Scenario:	Scenario1	Invert: 6.00 ft	Invert: 5.77 ft
From Node:	PM412	Manning's N: 0.0120	Manning's N: 0.0120

To Node:	S412	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	112.89 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1015		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.40 ft	Invert: 2.34 ft
From Node:	S425	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M524	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	94.11 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1016		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.51 ft	Invert: 2.40 ft
From Node:	M203	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M524	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	195.07 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:

Comment: Manning's N: 0.0000 Manning's N: 0.0000

Pipe Link: PIPE 1017		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.89 ft	Invert: 2.40 ft
From Node:	S202	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M524	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	89.07 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1018		Upstream	Downstream
Scenario:	Scenario1	Invert: 3.00 ft	Invert: 2.34 ft
From Node:	S423	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S521	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	48.05 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1019		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.34 ft	Invert: 1.50 ft
From Node:	M524	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S521	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft

Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	164.07 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1019 (UNIDENTIFIED)		Upstream	Downstream
Scenario:	Scenario1	Invert: 1.00 ft	Invert: -0.50 ft
From Node:	UNKNOWN CONNECTION 428	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	UNKNOWN CONNECTION	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	234.69 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 102		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.00 ft	Invert: 13.00 ft
From Node:	STAGE AREA 71	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	BURIED HEADWALL	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	46.22 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1020		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.14 ft	Invert: -0.84 ft
From Node:	S426	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S430	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	77.93 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1021		Upstream	Downstream
Scenario:	Scenario1	Invert: 3.27 ft	Invert: 2.52 ft
From Node:	S427	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S426	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	51.05 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1022		Upstream	Downstream
Scenario:	Scenario1	Invert: 4.25 ft	Invert: 3.50 ft
From Node:	S429(B)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S427	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	

Table with 3 columns: Property, Value, Default. Includes Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1023. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1024. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1025. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1026. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1027. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Manning's N, Op Table, Ref Node.

Table with 3 columns: Property, Value, Default. Includes Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1028. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1029. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 103. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Op Table, Ref Node.

Table with 3 columns: Property, Value, Default. Includes From Node, To Node, Link Count, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1030. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node.

Comment:

Pipe Link: PIPE 1031. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Manning's N, Op Table, Ref Node.

Energy Switch: Energy Ref Node: Manning's N: 0.0000 Ref Node: Manning's N: 0.0000

Comment:

Table for Pipe Link: PIPE 1032. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1033. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1034. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Table for Pipe Link: PIPE 1035. Columns: Upstream, Downstream. Includes Link Count, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1036. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1037. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1037. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1038. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 1039. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Table for Pipe Link: PIPE 104. Columns: Upstream, Downstream. Includes Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment:

Table for Pipe Link: PIPE 104. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 1040. Columns: Upstream, Downstream. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch.

Comment: Material: Reinforced Concrete Pipe

Bend Loss Coef: 0.00 Default: 0.00 ft Op Table: 0.00 ft
 Bend Location: 0.00 dec Ref Node: Manning's N: 0.0000 Manning's N: 0.0000
 Energy Switch: Energy

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1060

Upstream		Downstream	
Scenario: Scenario1	Invert: 6.00 ft	Invert: 5.50 ft	
From Node: M413(B)	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: M412	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 26.15 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

Comment:

Pipe Link: PIPE 1061

Upstream		Downstream	
Scenario: Scenario1	Invert: -0.25 ft	Invert: 0.00 ft	
From Node: S491	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: M491	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 22.93 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

Comment:

Pipe Link: PIPE 1062

Upstream		Downstream	
Scenario: Scenario1	Invert: 12.34 ft	Invert: 12.15 ft	

From Node: S163 Manning's N: 0.0120 Manning's N: 0.0120
 To Node: S159 Geometry: Circular Geometry: Circular
 Link Count: 1 Max Depth: 1.25 ft Max Depth: 1.25 ft
 Flow Direction: Both Bottom Clip
 Damping: 0.0000 ft Default: 0.00 ft Default: 0.00 ft
 Length: 49.69 ft Op Table: Op Table:
 FHWA Code: 0 Ref Node: Ref Node:
 Entr Loss Coef: 0.00 Manning's N: 0.0000 Manning's N: 0.0000
 Exit Loss Coef: 0.00 Top Clip
 Bend Loss Coef: 0.00 Default: 0.00 ft Default: 0.00 ft
 Bend Location: 0.00 dec Op Table: Op Table:
 Energy Switch: Energy Ref Node: Ref Node:
 Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1063

Upstream		Downstream	
Scenario: Scenario1	Invert: -0.46 ft	Invert: -0.46 ft	
From Node: M491	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: TRSYS 491	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 69.91 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

Comment:

Pipe Link: PIPE 1064

Upstream		Downstream	
Scenario: Scenario1	Invert: 0.00 ft	Invert: -0.29 ft	
From Node: M491	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: TRSYS 491	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 69.80 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	

Energy Switch: Energy Ref Node: Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1065

Upstream		Downstream	
Scenario: Scenario1	Invert: 0.00 ft	Invert: -0.29 ft	
From Node: TRSYS 491	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: M433	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 51.35 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

Comment:

Pipe Link: PIPE 1066

Upstream		Downstream	
Scenario: Scenario1	Invert: -0.38 ft	Invert: -0.59 ft	
From Node: TRSYS 491	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: M433	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 50.99 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

Comment:

Pipe Link: PIPE 1067

Upstream		Downstream	
Scenario: Scenario1	Invert: 6.50 ft	Invert: 6.00 ft	
From Node: S415	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: M413(B)	Geometry: Circular	Geometry: Circular	

Link Count: 1 Max Depth: 1.50 ft Max Depth: 1.50 ft
 Flow Direction: Both Bottom Clip
 Damping: 0.0000 ft Default: 0.00 ft Default: 0.00 ft
 Length: 178.00 ft Op Table: Op Table:
 FHWA Code: 0 Ref Node: Ref Node:
 Entr Loss Coef: 0.00 Manning's N: 0.0000 Manning's N: 0.0000
 Exit Loss Coef: 0.00 Top Clip
 Bend Loss Coef: 0.00 Default: 0.00 ft Default: 0.00 ft
 Bend Location: 0.00 dec Op Table: Op Table:
 Energy Switch: Energy Ref Node: Ref Node:
 Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1068

Upstream		Downstream	
Scenario: Scenario1	Invert: 3.42 ft	Invert: 2.51 ft	
From Node: S422	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: M203	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 38.76 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

Comment:

Pipe Link: PIPE 1069

Upstream		Downstream	
Scenario: Scenario1	Invert: 6.67 ft	Invert: 6.41 ft	
From Node: S420	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: S421	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 54.74 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	

From Node:	S458(CURB)	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	S444(CURB)	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	51.14 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1107					
Scenario:	Scenario1	Invert:	8.00 ft	Invert:	7.85 ft
From Node:	M459	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	S492(A)	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	138.19 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1108					
Scenario:	Scenario1	Invert:	7.85 ft	Invert:	6.73 ft
From Node:	S492(A)	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	S492(B)	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	204.36 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1109					
Scenario:	Scenario1	Invert:	8.00 ft	Invert:	7.85 ft
From Node:	S444	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	S492(A)	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	12.59 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 111					
Scenario:	Scenario1	Invert:	13.00 ft	Invert:	10.25 ft
From Node:	PIPE 111 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	S9	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	47.83 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 112					
Scenario:	Scenario1	Invert:	11.00 ft	Invert:	11.00 ft
From Node:	UNKNOWN PIPE DIRECTION 10	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry:	Circular	Geometry:	Circular

To Node:	S9	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0,0000 ft	Op Table:		Op Table:	
Length:	56.01 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0,00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 113					
Scenario:	Scenario1	Invert:	13.00 ft	Invert:	13.00 ft
From Node:	S2	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 113 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	33.57 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 114					
Scenario:	Scenario1	Invert:	11.00 ft	Invert:	10.25 ft
From Node:	S14	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	M7	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	347.14 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 115					
Scenario:	Scenario1	Invert:	15.00 ft	Invert:	14.00 ft
From Node:	PIPE 115 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 115 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	30.64 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 116					
Scenario:	Scenario1	Invert:	14.43 ft	Invert:	12.00 ft
From Node:	PIPE 116 EXIT	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	M9	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	28.30 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 117					
Scenario:	Scenario1	Invert:	14.43 ft	Invert:	14.43 ft
From Node:	PIPE 117 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 117 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			

Table with 3 columns: Property, Value, and Default. Includes Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 118. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 119. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 120. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1201. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1202. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, and Manning's N.

Table with 3 columns: Property, Value, and Default. Includes Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1203. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1204. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1205. Includes Scenario, Invert, and Manning's N.

Table for Pipe Link: PIPE 1206. Includes From Node, To Node, Link Count, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1206. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, and Manning's N.

Comment:

Table for Pipe Link: PIPE 1207. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, and Manning's N.

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1208		Upstream	Downstream
Scenario:	Scenario1	Invert: 5.26 ft	Invert: 3.59 ft
From Node:	S463	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	29.94 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1209		Upstream	Downstream
Scenario:	Scenario1	Invert: 4.79 ft	Invert: 3.53 ft
From Node:	S470	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	37.20 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 121		Upstream	Downstream
Scenario:	Scenario1	Invert: 12.75 ft	Invert: 12.50 ft
From Node:	S7	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M7	Geometry: Circular	Geometry: Circular

Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	17.29 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1210		Upstream	Downstream
Scenario:	Scenario1	Invert: 1.88 ft	Invert: 1.86 ft
From Node:	S461	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(A)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	7.34 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1211		Upstream	Downstream
Scenario:	Scenario1	Invert: 3.08 ft	Invert: 0.75 ft
From Node:	M461(B)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(A)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	172.74 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1212		Upstream	Downstream
Scenario:	Scenario1	Invert: 1.94 ft	Invert: 0.08 ft
From Node:	M467(C)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M467(D)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.55 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1213		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.00 ft	Invert: 1.94 ft
From Node:	M467(B)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M467(C)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	88.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1214		Upstream	Downstream
Scenario:	Scenario1	Invert: 0.08 ft	Invert: -0.74 ft
From Node:	M467(D)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	DISCHARGE SYSTEM 12	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	

Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	162.03 ft	Ref Node:	Ref Node:
FHWA Code:	0	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef:	0.00	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 dec	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1215		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.06 ft	Invert: 3.08 ft
From Node:	M462	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	196.87 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1216		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.50 ft	Invert: 2.25 ft
From Node:	S469	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M467(A)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	20.61 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1217		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.25 ft	Invert: 2.00 ft
From Node:	M467(A)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M467(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	47.26 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1218		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.00 ft	Invert: 7.00 ft
From Node:	M459(B)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M460	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	72.44 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1219		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.00 ft	Invert: 3.08 ft
From Node:	M460	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	114.39 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	

Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 122		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.00 ft	Invert: 9.00 ft
From Node:	M18	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	POSSIBLE INLET	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	975.23 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1220		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.50 ft	Invert: 7.00 ft
From Node:	S460	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M460	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	13.52 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1221		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.30 ft	Invert: 7.00 ft

From Node:	S459	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M459(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	10.67 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1222		Upstream	Downstream
Scenario:	Scenario1	Invert: 0.75 ft	Invert: 0.08 ft
From Node:	M461(A)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M467(D)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	54.75 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1223		Upstream	Downstream
Scenario:	Scenario1	Invert: 1.88 ft	Invert: 1.86 ft
From Node:	S465	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M461(A)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	15.65 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 123		Upstream	Downstream
Scenario:	Scenario1	Invert: 14.00 ft	Invert: 13.99 ft
From Node:	PIPE 123 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 123 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	30.30 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 124		Upstream	Downstream
Scenario:	Scenario1	Invert: 12.75 ft	Invert: 12.50 ft
From Node:	S56	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M7	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	34.18 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 125		Upstream	Downstream
Scenario:	Scenario1	Invert: 12.75 ft	Invert: 12.50 ft
From Node:	S494	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M7	Geometry: Circular	Geometry: Circular

Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	39.20 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 126		Upstream	Downstream
Scenario:	Scenario1	Invert:	12.75 ft
From Node:	S17	Manning's N:	0,0120
To Node:	M7	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	32.16 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 127		Upstream	Downstream
Scenario:	Scenario1	Invert:	9,00 ft
From Node:	POSSIBLE INLET 127	Manning's N:	0,0120
To Node:	PIPE 127 EXIT	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	2,00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	14,57 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1301		Upstream	Downstream
Scenario:	Scenario1	Invert:	-2,50 ft
From Node:	S436	Manning's N:	0,0120
To Node:	DISCHARGE SYSTEM 13	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,50 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	77,07 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1401		Upstream	Downstream
Scenario:	Scenario1	Invert:	1,15 ft
From Node:	S358	Manning's N:	0,0120
To Node:	S357 UNKNOWN	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	63,61 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1402		Upstream	Downstream
Scenario:	Scenario1	Invert:	2,07 ft
From Node:	S358	Manning's N:	0,0120
To Node:	DISCHARGE SYSTEM 14(A)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,50 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	115,90 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0,0000 ft	Op Table:		Op Table:	
Length:	65,57 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0,0000	Manning's N:	0,0000
Entr Loss Coef:	0,00	Top Clip			
Exit Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0,00	Op Table:		Op Table:	
Bend Location:	0,00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1403		Upstream	Downstream
Scenario:	Scenario1	Invert:	2,42 ft
From Node:	S359	Manning's N:	0,0120
To Node:	DISCHARGE SYSTEM 14(B)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,50 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	64,30 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1404		Upstream	Downstream
Scenario:	Scenario1	Invert:	4,24 ft
From Node:	M359(A)	Manning's N:	0,0120
To Node:	S359	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,50 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	107,57 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1405		Upstream	Downstream
Scenario:	Scenario1	Invert:	4,65 ft
From Node:	M359(B)	Manning's N:	0,0120
To Node:	M359(A)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,50 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	115,90 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1406		Upstream	Downstream
Scenario:	Scenario1	Invert:	4,49 ft
From Node:	S404	Manning's N:	0,0120
To Node:	M359(A)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	29,98 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1407		Upstream	Downstream
Scenario:	Scenario1	Invert:	4,27 ft
From Node:	S360(A)	Manning's N:	0,0120
To Node:	S404	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1,00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	73,43 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
		Top Clip	

Bend Loss Coef: 0.00 Default: 0.00 ft Default: 0.00 ft
 Bend Location: 0.00 dec Op Table: Op Table: Op Table:
 Energy Switch: Energy Ref Node: Ref Node: Ref Node:
 Manning's N: 0.0000 Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1408

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	4.75 ft	4.55 ft
From Node:	S360(B)	M359(B)
To Node:	S360(A)	M359(B)
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	68.06 ft	68.06 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:

Pipe Link: PIPE 1409

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	4.75 ft	4.65 ft
From Node:	S403	M359(B)
To Node:	M359(B)	M359(B)
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	23.10 ft	23.10 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:

Pipe Link: PIPE 1410

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	4.80 ft	4.75 ft

From Node: S406 Manning's N: 0.0120 Manning's N: 0.0120
 To Node: M405 Geometry: Circular Geometry: Circular
 Link Count: 1 Max Depth: 1.50 ft Max Depth: 1.50 ft
 Flow Direction: Both Bottom Clip
 Damping: 0.0000 ft Default: 0.00 ft Default: 0.00 ft
 Length: 22.01 ft Op Table: Op Table: Op Table:
 FHWA Code: 0 Ref Node: Ref Node: Ref Node:
 Entr Loss Coef: 0.00 Manning's N: 0.0000 Manning's N: 0.0000
 Exit Loss Coef: 0.00 Top Clip
 Bend Loss Coef: 0.00 Default: 0.00 ft Default: 0.00 ft
 Bend Location: 0.00 dec Op Table: Op Table: Op Table:
 Energy Switch: Energy Ref Node: Ref Node: Ref Node:
 Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1411

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	4.75 ft	4.65 ft
From Node:	M405	M359(B)
To Node:	M359(B)	M359(B)
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	171.85 ft	171.85 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:

Pipe Link: PIPE 1412

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	2.07 ft	2.07 ft
From Node:	S359	S357 UNKNOW
To Node:	S357 UNKNOW	S357 UNKNOW
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	72.42 ft	72.42 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Energy Switch: Energy Ref Node: Ref Node:
 Manning's N: 0.0000 Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1413

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	1.15 ft	0.73 ft
From Node:	S357 UNKNOW	DISCHARGE
To Node:	DISCHARGE	SYSTEM 14(C)
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	30.92 ft	30.92 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:

Pipe Link: PIPE 1414

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	5.82 ft	4.75 ft
From Node:	S361(B)	S360(B)
To Node:	S360(B)	S360(B)
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	99.86 ft	99.86 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:

Pipe Link: PIPE 1501

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	4.58 ft	4.58 ft
From Node:	PIPE 1501 ENTRY	PIPE 1501 ENTRY
To Node:	S399	S399
Geometry:	Circular	Circular

Link Count: 1 Max Depth: 1.00 ft Max Depth: 1.00 ft
 Flow Direction: Both Bottom Clip
 Damping: 0.0000 ft Default: 0.00 ft Default: 0.00 ft
 Length: 16.83 ft Op Table: Op Table: Op Table:
 FHWA Code: 0 Ref Node: Ref Node: Ref Node:
 Entr Loss Coef: 0.00 Manning's N: 0.0000 Manning's N: 0.0000
 Exit Loss Coef: 0.00 Top Clip
 Bend Loss Coef: 0.00 Default: 0.00 ft Default: 0.00 ft
 Bend Location: 0.00 dec Op Table: Op Table: Op Table:
 Energy Switch: Energy Ref Node: Ref Node: Ref Node:
 Manning's N: 0.0000 Manning's N: 0.0000

Comment:

Pipe Link: PIPE 1502

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	4.50 ft	1.89 ft
From Node:	M401	M399
To Node:	M399	M399
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	381.27 ft	381.27 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:

Pipe Link: PIPE 1503

	Upstream	Downstream
Scenario:	Scenario1	Scenario1
Invert:	1.61 ft	3.28 ft
From Node:	M399	S362
To Node:	S362	S362
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.00 ft
Length:	30.75 ft	30.75 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
Manning's N:	0.0000	0.0000

Comment:		
Pipe Link: PIPE 1504		
Scenario:	Scenario1	
From Node:	M399	Invert: 1.61 ft
To Node:	M391	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.50 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	23.94 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1505		
Scenario:	Scenario1	
From Node:	M391	Invert: 2.88 ft
To Node:	M399	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.00 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	49.02 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1506		
Scenario:	Scenario1	
From Node:	M391	Invert: 1.39 ft
To Node:	M389	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.50 ft

Damping:	0.0000 ft	Default: 0.00 ft
Length:	139.40 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		
Pipe Link: PIPE 1507		
Scenario:	Scenario1	
From Node:	M389	Invert: 1.02 ft
To Node:	M369(B)	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.50 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	248.19 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1508		
Scenario:	Scenario1	
From Node:	M367	Invert: 1.25 ft
To Node:	M369(B)	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.00 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	49.58 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1509		
Scenario:	Scenario1	
From Node:	M363	Invert: 0.65 ft
To Node:	M369(B)	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.25 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	41.59 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1510		
Scenario:	Scenario1	
From Node:	M368	Invert: 0.72 ft
To Node:	M369(B)	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.00 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	30.75 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1511		
Scenario:	Scenario1	
From Node:	M399	Invert: 3.39 ft
To Node:	M399	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.00 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	31.54 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip

Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		
Pipe Link: PIPE 1512		
Scenario:	Scenario1	
From Node:	M400	Invert: 8.66 ft
To Node:	M401	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.50 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	228.15 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1513		
Scenario:	Scenario1	
From Node:	M401	Invert: 6.13 ft
To Node:	M401	Manning's N: 0.0120
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.00 ft
Damping:	0.0000 ft	Default: 0.00 ft
Length:	47.97 ft	Op Table:
FHWA Code:	0	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Ref Node:
		Manning's N: 0.0000
Comment:		

Pipe Link: PIPE 1514		
Scenario:	Scenario1	
Invert:	5.79 ft	
Invert:	4.72 ft	

Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	8.78 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1525		Upstream	Downstream
Scenario:	Scenario1	Invert:	2.02 ft
From Node:	S389	Manning's N:	0.0120
To Node:	M389	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.25 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	14.64 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1526		Upstream	Downstream
Scenario:	Scenario1	Invert:	2.18 ft
From Node:	PIPE 1526 ENTRY	Manning's N:	0.0120
To Node:	S389	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.25 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	24.69 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1527		Upstream	Downstream
Scenario:	Scenario1	Invert:	0.75 ft
From Node:	S388	Manning's N:	0.0120
To Node:	M368	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.00 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	47.17 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1528		Upstream	Downstream
Scenario:	Scenario1	Invert:	0.75 ft
From Node:	S387	Manning's N:	0.0120
To Node:	M368	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.00 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	59.54 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1529		Upstream	Downstream
Scenario:	Scenario1	Invert:	0.75 ft
From Node:	S390	Manning's N:	0.0120
To Node:	M368	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.00 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	56.40 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Top Clip			

Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1530		Upstream	Downstream
Scenario:	Scenario1	Invert:	6.07 ft
From Node:	M398	Manning's N:	0.0120
To Node:	M399	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.50 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	207.53 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1531		Upstream	Downstream
Scenario:	Scenario1	Invert:	6.79 ft
From Node:	S392	Manning's N:	0.0120
To Node:	M398	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.50 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	82.07 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1532		Upstream	Downstream
Scenario:	Scenario1	Invert:	7.52 ft
		Invert:	5.51 ft

From Node:	S394	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	M398	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	77.01 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1533		Upstream	Downstream
Scenario:	Scenario1	Invert:	5.91 ft
From Node:	S398	Manning's N:	0.0120
To Node:	M398	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.50 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	29.25 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1534		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.88 ft
From Node:	S408	Manning's N:	0.0120
To Node:	M400	Manning's N:	0.0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.00 ft
Damping:	0.0000 ft	Bottom Clip	
Length:	70.51 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0.00	Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default:	0.00 ft
		Op Table:	

Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	58.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1616		Upstream	Downstream		
Scenario:	Scenario1	Invert:	1.81 ft	Invert:	1.08 ft
From Node:	S372	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	M372	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	24.36 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1617		Upstream	Downstream		
Scenario:	Scenario1	Invert:	0.79 ft	Invert:	0.79 ft
From Node:	S339	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	M372	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	20.85 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1618		Upstream	Downstream		
Scenario:	Scenario1	Invert:	0.38 ft	Invert:	0.38 ft
From Node:	S347	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	M346(A)	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	28.43 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1619		Upstream	Downstream		
Scenario:	Scenario1	Invert:	-0.06 ft	Invert:	-0.14 ft
From Node:	S342	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	M342	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	9.77 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1620		Upstream	Downstream		
Scenario:	Scenario1	Invert:	-0.14 ft	Invert:	-0.20 ft
From Node:	M342	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	DISCHARGE	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	3.00 ft	Max Depth:	3.00 ft
		Bottom Clip			

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0,0000 ft	Op Table:		Op Table:	
Length:	77.74 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0,0000	Manning's N:	0,0000
Entr Loss Coef:	0,00	Top Clip			
Exit Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0,00	Op Table:		Op Table:	
Bend Location:	0,00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1701		Upstream	Downstream		
Scenario:	Scenario1	Invert:	3.50 ft	Invert:	1.91 ft
From Node:	DROP STRUCTURE	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	M298	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	84.72 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1702		Upstream	Downstream		
Scenario:	Scenario1	Invert:	3.25 ft	Invert:	2.99 ft
From Node:	M298	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	PIPE 1702 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	9.57 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1703		Upstream	Downstream		
Scenario:	Scenario1	Invert:	2.00 ft	Invert:	1.00 ft
From Node:	S493	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	PIPE 1703 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	55.68 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1704		Upstream	Downstream		
Scenario:	Scenario1	Invert:	5.25 ft	Invert:	3.69 ft
From Node:	S328	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	M249	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	169.66 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1705		Upstream	Downstream		
Scenario:	Scenario1	Invert:	5.70 ft	Invert:	5.70 ft
From Node:	S374	Manning's N:	0,0120	Manning's N:	0,0120
To Node:	S373	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	176.40 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			

Bend Loss Coef: 0.00 Default: 0.00 ft Op Table: 0.00 dec Ref Node: Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1706 Scenario: Scenario1 Invert: 7.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1707 Scenario: Scenario1 Invert: 7.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1708 Scenario: Scenario1 Invert: 8.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

From Node: PIPE 1708 ENTRY To Node: PIPE 1708 EXIT Link Count: 1 Max Depth: 2.00 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1709 Scenario: Scenario1 Invert: 1.80 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1710 Scenario: Scenario1 Invert: 11.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Energy Switch: Energy Ref Node: Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1711 Scenario: Scenario1 Invert: 13.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1712 Scenario: Scenario1 Invert: 10.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1713 Scenario: Scenario1 Invert: 11.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Link Count: 1 Max Depth: 2.00 ft Bottom Clip Max Depth: 2.00 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1714 Scenario: Scenario1 Invert: 11.00 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1715 Scenario: Scenario1 Invert: 11.25 ft Op Table: 0.00 ft Manning's N: 0.0120 Ref Node: 0.0120

Table with 3 columns: Property, Value, Default. Includes Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1737. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1738. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1739. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1740. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1741. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Op Table, Ref Node, Manning's N.

Table with 3 columns: Property, Value, Default. Includes Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment:

Pipe Link: PIPE 1742. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment:

Pipe Link: PIPE 1743. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment:

Pipe Link: PIPE 1744. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N.

Table with 3 columns: Property, Value, Default. Includes From Node, To Node, Link Count, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1745. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Op Table, Ref Node, Manning's N.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1746. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Op Table, Manning's N.

Energy Switch: Energy Ref Node: Manning's N: 0.0000 Ref Node: Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 1747. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 1748. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 1748A. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Table for Pipe Link: PIPE 1749. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1749. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1750. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1751. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1752. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1753. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Table for Pipe Link: PIPE 1754. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1754. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Table for Pipe Link: PIPE 1755. Columns: Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch. Rows: Upstream, Bottom Clip, Top Clip, Downstream.

Comment:

Link Count:	1	Max Depth:	3.50 ft	Max Depth:	3.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	255.79 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1766		Upstream	Downstream
Scenario:	Scenario1	Invert:	6.50 ft
From Node:	S253(B)	Manning's N:	0,0120
To Node:	M319	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	3.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	386.35 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1767		Upstream	Downstream
Scenario:	Scenario1	Invert:	6.60 ft
From Node:	M254	Manning's N:	0,0120
To Node:	S253(B)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	3.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	207.41 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1768		Upstream	Downstream
Scenario:	Scenario1	Invert:	3.02 ft
From Node:	M319	Manning's N:	0,0120
To Node:	S319	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	3.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	20.98 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1769		Upstream	Downstream
Scenario:	Scenario1	Invert:	-0.79 ft
From Node:	S319	Manning's N:	0,0120
To Node:	M(COLLECTION)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	3.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	269.85 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1770		Upstream	Downstream
Scenario:	Scenario1	Invert:	-0.60 ft
From Node:	PIPE 1770 ENTRY	Manning's N:	0,0120
To Node:	PIPE 1770 EXIT	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	2.00 ft
Bottom Clip			

Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	49.16 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1771		Upstream	Downstream
Scenario:	Scenario1	Invert:	-72.00 ft
From Node:	PIPE 1771 ENTRY	Manning's N:	0,0120
To Node:	PIPE 1771 EXIT	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	2.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	49.30 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1772		Upstream	Downstream
Scenario:	Scenario1	Invert:	1.71 ft
From Node:	S243	Manning's N:	0,0120
To Node:	S247	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	3.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	264.50 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1773		Upstream	Downstream
Scenario:	Scenario1	Invert:	0.98 ft
From Node:	S249	Manning's N:	0,0120
To Node:	S250(A)	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	3.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	228.20 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1774		Upstream	Downstream
Scenario:	Scenario1	Invert:	2.92 ft
From Node:	S327	Manning's N:	0,0120
To Node:	M249	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	1.50 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	14.69 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Bend Loss Coef:	0,00	Top Clip	
Bend Location:	0,00 dec	Default:	0.00 ft
Energy Switch:	Energy	Op Table:	
		Ref Node:	
		Manning's N:	0,0000

Comment:

Pipe Link: PIPE 1775		Upstream	Downstream
Scenario:	Scenario1	Invert:	3.71 ft
From Node:	PIPE 1775 ENTRY	Manning's N:	0,0120
To Node:	S327	Manning's N:	0,0120
Link Count:	1	Geometry:	Circular
Flow Direction:	Both	Max Depth:	2.00 ft
Damping:	0,0000 ft	Bottom Clip	
Length:	41.11 ft	Default:	0.00 ft
FHWA Code:	0	Op Table:	
Entr Loss Coef:	0,00	Ref Node:	
Exit Loss Coef:	0,00	Manning's N:	0,0000
Top Clip			

Comment:			
Pipe Link: PIPE 1786			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 9.37 ft	Invert: 8.48 ft	
From Node: S253(A)	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: S253(B)	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 26.17 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment:			

Comment:			
Pipe Link: PIPE 1787			
Scenario:	Upstream	Downstream	
Scenario1	Invert: -0.27 ft	Invert: -0.38 ft	
From Node: S(COLLECTION)	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1787 EXIT	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 16.41 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment:			

Comment:			
Pipe Link: PIPE 1788			
Scenario:	Upstream	Downstream	
Scenario1	Invert: -0.37 ft	Invert: -0.36 ft	
From Node: S(COLLECTION)	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1788 EXIT	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft	
Flow Direction: Both	Bottom Clip		

Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 16.51 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000
Comment:		

Comment:			
Pipe Link: PIPE 1789			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 0.87 ft	Invert: 0.50 ft	
From Node: PIPE 1789 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1789 EXIT	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 30.76 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment:			

Comment:			
Pipe Link: PIPE 1790			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 8.00 ft	Invert: 8.00 ft	
From Node: S237	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1733 ENTRY	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 44.09 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment:			

Comment:			
Pipe Link: PIPE 1791			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 14.99 ft	Invert: 5.61 ft	
From Node: M258	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: SWALE ENTRY 298(A)	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 580.35 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment:			

Comment:			
Pipe Link: PIPE 1801			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 4.00 ft	Invert: 4.00 ft	
From Node: S283	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1801 ENTRY	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 41.00 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment:			

Comment:			
Pipe Link: PIPE 1802			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 2.59 ft	Invert: 1.76 ft	
From Node: S287	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1802 EXIT	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 40.30 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		

Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000
Comment: Material: Reinforced Concrete Pipe		

Comment:			
Pipe Link: PIPE 1803			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 2.00 ft	Invert: 2.00 ft	
From Node: PIPE 1803 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1803 EXIT	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 50.43 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment: Material: Reinforced Concrete Pipe			

Comment:			
Pipe Link: PIPE 1804			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 3.00 ft	Invert: 3.00 ft	
From Node: PIPE 1804 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120	
To Node: PIPE 1804 EXIT	Geometry: Circular	Geometry: Circular	
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft	
Flow Direction: Both	Bottom Clip		
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft	
Length: 46.34 ft	Op Table:	Op Table:	
FHWA Code: 0	Ref Node:	Ref Node:	
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000	
Exit Loss Coef: 0.00	Top Clip		
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft	
Bend Location: 0.00 dec	Op Table:	Op Table:	
Energy Switch: Energy	Ref Node:	Ref Node:	
	Manning's N: 0.0000	Manning's N: 0.0000	
Comment: Material: Reinforced Concrete Pipe			

Comment:			
Pipe Link: PIPE 1805			
Scenario:	Upstream	Downstream	
Scenario1	Invert: 4.42 ft	Invert: 3.00 ft	

From Node:	PIPE 1805 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1805 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both				
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	94.90 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1806					
Scenario:	Scenario1	Invert:	1.50 ft	Invert:	1.50 ft
From Node:	Structure - (50)	Manning's N:	0.0120	Manning's N:	0.0120
	(Apalach Pipe Network)	Geometry:	Circular	Geometry:	Circular
		Max Depth:	1.50 ft	Max Depth:	1.50 ft
To Node:	DISCHARGE 274	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0,0000 ft	Ref Node:		Ref Node:	
Length:	38.84 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Pipe Link: PIPE 1807					
Scenario:	Scenario1	Invert:	2.24 ft	Invert:	1.50 ft
From Node:	Structure - (11)	Manning's N:	0.0120	Manning's N:	0.0120
	(Apalach Pipe Network)	Geometry:	Circular	Geometry:	Circular
		Max Depth:	1.50 ft	Max Depth:	1.50 ft
To Node:	Structure - (661)	Bottom Clip			
	(Apalach Pipe Network)	Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Damping:	0,0000 ft	Manning's N:	0.0000	Manning's N:	0.0000
Length:	87.82 ft	Top Clip			
		Default:	0.00 ft	Default:	0.00 ft

FHWA Code:	0	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Comment:

Pipe Link: PIPE 1808					
Scenario:	Scenario1	Invert:	1.50 ft	Invert:	0.50 ft
From Node:	Structure - (662)	Manning's N:	0.0120	Manning's N:	0.0120
	(Apalach Pipe Network)	Geometry:	Circular	Geometry:	Circular
		Max Depth:	1.50 ft	Max Depth:	1.50 ft
To Node:	DISCHARGE 279	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0,0000 ft	Ref Node:		Ref Node:	
Length:	40.80 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Pipe Link: PIPE 1809					
Scenario:	Scenario1	Invert:	2.50 ft	Invert:	2.50 ft
From Node:	PIPE 1809 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1809 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	50.43 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1810					
Scenario:	Scenario1	Invert:	2.00 ft	Invert:	2.00 ft
From Node:	PIPE 1810 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1810 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	32.81 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1811					
Scenario:	Scenario1	Invert:	2.00 ft	Invert:	2.00 ft
From Node:	PIPE 1811 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1811 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	51.76 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1812					
Scenario:	Scenario1	Invert:	2.00 ft	Invert:	2.00 ft
From Node:	S295	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1812 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	35.11 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			

Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1813					
Scenario:	Scenario1	Invert:	1.00 ft	Invert:	1.00 ft
From Node:	Structure - (661)	Manning's N:	0.0120	Manning's N:	0.0120
	(Apalach Pipe Network)	Geometry:	Circular	Geometry:	Circular
		Max Depth:	1.50 ft	Max Depth:	1.50 ft
To Node:	DISCHARGE 276	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0,0000 ft	Ref Node:		Ref Node:	
Length:	39.07 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Pipe Link: PIPE 1814					
Scenario:	Scenario1	Invert:	9.00 ft	Invert:	8.50 ft
From Node:	PIPE 1814 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1814 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	56.41 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1815					
		Upstream			Downstream

Scenario:	Scenario1	Invert:	16.00 ft	Invert:	16.00 ft
From Node:	PIPE 1815 ENTRY	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	PIPE 1815 EXIT	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	52.18 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: PIPE 1816		Upstream	Downstream
Scenario:	Scenario1	Invert:	13.50 ft
From Node:	PIPE 1816 ENTRY	Manning's N:	0.0120
To Node:	PIPE 1816 EXIT	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	40.16 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1901		Upstream	Downstream
Scenario:	Scenario1	Invert:	10.75 ft
From Node:	S167	Manning's N:	0.0120
To Node:	S122	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	50.92 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft

Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 1902		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.75 ft
From Node:	S180	Manning's N:	0.0120
To Node:	S122	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	57.03 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 201		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.82 ft
From Node:	S32	Manning's N:	0.0120
To Node:	S50	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	49.24 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: Pipe 202		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.56 ft
From Node:	S50	Manning's N:	0.0120
		Manning's N:	0.0120

To Node:	S30	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	50.23 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: Pipe 203		Upstream	Downstream
Scenario:	Scenario1	Invert:	8.76 ft
From Node:	S34	Manning's N:	0.0120
To Node:	S30	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	38.42 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 204		Upstream	Downstream
Scenario:	Scenario1	Invert:	8.45 ft
From Node:	S30	Manning's N:	0.0120
To Node:	M49	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	127.00 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 205		Upstream	Downstream
Scenario:	Scenario1	Invert:	8.01 ft
From Node:	M49	Manning's N:	0.0120
To Node:	S49	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	134.13 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 206		Upstream	Downstream
Scenario:	Scenario1	Invert:	7.53 ft
From Node:	S49	Manning's N:	0.0120
To Node:	S87	Geometry:	Circular
Link Count:	1	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	54.72 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 207		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.54 ft
From Node:	S86	Manning's N:	0.0120
To Node:	S87	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft

Energy Switch: Energy Ref Node: Manning's N: 0.0000 Ref Node: Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 218 Scenario: Scenario1 Invert: 10.07 ft Invert: 9.89 ft From Node: S108 To Node: S107 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 1.25 ft Max Depth: 1.25 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 219 Scenario: Scenario1 Invert: 9.50 ft Invert: 9.00 ft From Node: S92 To Node: S100(B) Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 1.50 ft Max Depth: 1.50 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 220 Scenario: Scenario1 Invert: 4.91 ft Invert: 4.20 ft From Node: S103 To Node: S102 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular

Link Count: 1 Max Depth: 3.00 ft Max Depth: 3.00 ft Flow Direction: Both Damping: 0.0000 ft Length: 71.93 ft FHW A Code: 0 Entr Loss Coef: 0.00 Exit Loss Coef: 0.00 Bend Loss Coef: 0.00 Bend Location: 0.00 dec Energy Switch: Energy

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 221 Scenario: Scenario1 Invert: 7.00 ft Invert: 6.91 ft From Node: S101 To Node: S102 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 1.25 ft Max Depth: 1.25 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 222 Scenario: Scenario1 Invert: 4.20 ft Invert: 3.99 ft From Node: S102 To Node: S171 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 3.00 ft Max Depth: 3.00 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 223 Scenario: Scenario1 Invert: 3.39 ft Invert: 3.39 ft From Node: S171 To Node: S98 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 3.00 ft Max Depth: 3.00 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 224 Scenario: Scenario1 Invert: 2.46 ft Invert: 2.06 ft From Node: S98 To Node: S173 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 3.00 ft Max Depth: 3.00 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 225 Scenario: Scenario1 Invert: 2.06 ft Invert: 1.32 ft From Node: S173 To Node: OUTFALL SYSTEM Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 2 Max Depth: 3.00 ft Max Depth: 3.00 ft

Flow Direction: Both Damping: 0.0000 ft Length: 58.26 ft FHW A Code: 0 Entr Loss Coef: 0.00 Exit Loss Coef: 0.00 Bend Loss Coef: 0.00 Bend Location: 0.00 dec Energy Switch: Energy

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 226 Scenario: Scenario1 Invert: 10.68 ft Invert: 10.36 ft From Node: S111 To Node: S110 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 1.25 ft Max Depth: 1.25 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 227 Scenario: Scenario1 Invert: 6.38 ft Invert: 6.23 ft From Node: S89 To Node: S110 Manning's N: 0.0120 Manning's N: 0.0120 Geometry: Circular Geometry: Circular Link Count: 1 Max Depth: 2.50 ft Max Depth: 2.50 ft

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 228		Upstream	Downstream
Scenario:	Scenario1	Invert: 7.33 ft	Invert: 6.38 ft
From Node:	S87	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S89	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	261.01 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: Pipe 229		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.00 ft	Invert: 1.32 ft
From Node:	S173	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	OUTFALL SYSTEM	Geometry: Circular	Geometry: Circular
Link Count:	2	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	58.40 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 230		Upstream	Downstream
Scenario:	Scenario1	Invert: 5.09 ft	Invert: 4.89 ft
From Node:	S104	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	M103	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	29.75 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	

Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 231		Upstream	Downstream
Scenario:	Scenario1	Invert: 6.23 ft	Invert: 5.09 ft
From Node:	S110	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S104	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	343.07 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: Pipe 232		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.00 ft	Invert: 9.50 ft
From Node:	PIPE 208 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 232 ENTRY	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	23.28 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 301		Upstream	Downstream
Scenario:	Scenario1	Invert: 13.50 ft	Invert: 13.25 ft

From Node:	S134	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 301 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	43.38 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 302		Upstream	Downstream
Scenario:	Scenario1	Invert: 11.59 ft	Invert: 11.29 ft
From Node:	S131	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S472	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	74.51 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 303		Upstream	Downstream
Scenario:	Scenario1	Invert: 11.29 ft	Invert: 11.25 ft
From Node:	S472	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S495	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	53.40 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:

Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 304		Upstream	Downstream
Scenario:	Scenario1	Invert: 11.00 ft	Invert: 9.50 ft
From Node:	S495	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S78	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	248.46 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 305		Upstream	Downstream
Scenario:	Scenario1	Invert: 9.50 ft	Invert: 8.50 ft
From Node:	S78	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S79	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	87.64 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 306		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.50 ft	Invert: 8.50 ft
From Node:	S79	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S80	Geometry: Circular	Geometry: Circular

Link Count:	1	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	57.28 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 307		Upstream	Downstream
Scenario:	Scenario1	Invert:	8,25 ft
From Node:	S80	Manning's N:	0,0120
To Node:	S125	Geometry:	Circular
Link Count:	1	Max Depth:	3,00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	182,48 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 308		Upstream	Downstream
Scenario:	Scenario1	Invert:	8,00 ft
From Node:	S125	Manning's N:	0,0120
To Node:	S124	Geometry:	Circular
Link Count:	1	Max Depth:	3,00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	152,99 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 309		Upstream	Downstream
Scenario:	Scenario1	Invert:	9,50 ft
From Node:	S127	Manning's N:	0,0120
To Node:	S80	Geometry:	Circular
Link Count:	1	Max Depth:	1,50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	57,26 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 310		Upstream	Downstream
Scenario:	Scenario1	Invert:	9,25 ft
From Node:	S128	Manning's N:	0,0120
To Node:	S79	Geometry:	Circular
Link Count:	1	Max Depth:	1,50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	54,66 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 311		Upstream	Downstream
Scenario:	Scenario1	Invert:	10,00 ft
From Node:	PIPE ENTRY 127	Manning's N:	0,0120
To Node:	S127(B)	Geometry:	Circular
Link Count:	1	Max Depth:	1,00 ft
Flow Direction:	Both	Bottom Clip	

Damping:	0,0000 ft	Default:	0,00 ft	Default:	0,00 ft
Length:	88,09 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0,00 ft	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0,0000	Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 312		Upstream	Downstream
Scenario:	Scenario1	Invert:	10,00 ft
From Node:	S127(B)	Manning's N:	0,0120
To Node:	S129	Geometry:	Circular
Link Count:	1	Max Depth:	1,50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	47,63 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 313		Upstream	Downstream
Scenario:	Scenario1	Invert:	13,00 ft
From Node:	PIPE 313 ENTRY	Manning's N:	0,0120
To Node:	S129	Geometry:	Circular
Link Count:	1	Max Depth:	1,50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	80,38 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 314		Upstream	Downstream
Scenario:	Scenario1	Invert:	11,00 ft
From Node:	S76	Manning's N:	0,0120
To Node:	S495	Geometry:	Circular
Link Count:	1	Max Depth:	2,50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	254,81 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 315		Upstream	Downstream
Scenario:	Scenario1	Invert:	11,50 ft
From Node:	S75	Manning's N:	0,0120
To Node:	S76	Geometry:	Circular
Link Count:	1	Max Depth:	1,25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	54,94 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0,00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0,0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 316		Upstream	Downstream
Scenario:	Scenario1	Invert:	11,00 ft
From Node:	S483	Manning's N:	0,0120
To Node:	S76	Geometry:	Circular
Link Count:	1	Max Depth:	2,50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0,00 ft
Length:	60,70 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0,0000
Exit Loss Coef:	0,00	Top Clip	

From Node:	M143	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	M141	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	141.01 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 338		Upstream	Downstream
Scenario:	Scenario1	Invert:	13.50 ft
From Node:	S145(A)	Manning's N:	0.0120
To Node:	S489	Geometry:	Circular
Link Count:	1	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	89.32 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 339		Upstream	Downstream
Scenario:	Scenario1	Invert:	8.00 ft
From Node:	S113	Manning's N:	0.0120
To Node:	M112	Geometry:	Circular
Link Count:	1	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	328.06 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 340		Upstream	Downstream
Scenario:	Scenario1	Invert:	7.50 ft
From Node:	M112	Manning's N:	0.0120
To Node:	S505	Geometry:	Circular
Link Count:	1	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	117.81 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 341		Upstream	Downstream
Scenario:	Scenario1	Invert:	10.00 ft
From Node:	S121	Manning's N:	0.0120
To Node:	S99	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	45.16 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 342		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.75 ft
From Node:	S99	Manning's N:	0.0120
To Node:	M172	Geometry:	Circular

Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0,0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	47.25 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip			
Bend Loss Coef:	0,00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 343		Upstream	Downstream
Scenario:	Scenario1	Invert:	7.00 ft
From Node:	S505	Manning's N:	0.0120
To Node:	PIPE 343 EXIT	Geometry:	Circular
Link Count:	1	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	388.68 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 344		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.50 ft
From Node:	M172	Manning's N:	0.0120
To Node:	S505	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	27.70 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 345		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.50 ft
From Node:	S172 UNKNOWN	Manning's N:	0.0120
To Node:	M172	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	163.93 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment:

Pipe Link: PIPE 346		Upstream	Downstream
Scenario:	Scenario1	Invert:	11.50 ft
From Node:	PIPE 346 ENTRY	Manning's N:	0.0120
To Node:	S79	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0,0000 ft	Default:	0.00 ft
Length:	38.39 ft	Op Table:	
FHWA Code:	0	Ref Node:	
Entr Loss Coef:	0,00	Manning's N:	0.0000
Exit Loss Coef:	0,00	Top Clip	
Bend Loss Coef:	0,00	Default:	0.00 ft
Bend Location:	0,00 dec	Op Table:	
Energy Switch:	Energy	Ref Node:	
		Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 347		Upstream	Downstream
Scenario:	Scenario1	Invert:	9.50 ft
From Node:	PIPE 347 ENTRY	Manning's N:	0.0120
To Node:	S79	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip	

Table with 3 columns: Property, Value, Default. Includes Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 348. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 349. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 350. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 351. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 352. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Table with 3 columns: Property, Value, Default. Includes Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 353. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 354. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 355. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Op Table.

Table with 3 columns: Property, Value, Default. Includes From Node, To Node, Link Count, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 356. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Energy Switch, Manning's N, Op Table, Ref Node, Top Clip, Bottom Clip.

Comment:

Pipe Link: PIPE 357. Table with 3 columns: Property, Value, Default. Includes Scenario, Invert, Manning's N, Geometry, Max Depth, Flow Direction, Damping, Length, FHWA Code, Entr Loss Coef, Exit Loss Coef, Bend Loss Coef, Bend Location, Manning's N, Op Table.

Energy Switch: Energy Ref Node: Manning's N: 0.0000 Ref Node: Manning's N: 0.0000

Comment:

Table for Pipe Link: PIPE 358. Columns: Scenario, Scenario1; From Node, S489; To Node, M141; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 283.34 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 359. Columns: Scenario, Scenario1; From Node, PIPE 359 ENTRY; To Node, S145(B); Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 36.02 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 36. Columns: Scenario, Scenario1; From Node, S36; To Node, POSSIBLE INLET; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 36.02 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Upstream and Downstream invert and Manning's N values.

Table for Pipe Link: PIPE 127. Columns: Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 38.95 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.00 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 360. Columns: Scenario, Scenario1; From Node, S174; To Node, PIPE 360 EXIT; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 85.08 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 401. Columns: Scenario, Scenario1; From Node, S176; To Node, PIPE 401 EXIT; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 56.56 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.25 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment: Material: Reinforced Concrete Pipe

Table for Pipe Link: PIPE 501. Columns: Scenario, Scenario1; From Node, S182; To Node, PIPE 501 EXIT; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 44.09 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 601. Columns: Scenario, Scenario1; From Node, S169; To Node, M188; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 131.34 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 602. Columns: Scenario, Scenario1; From Node, S165; To Node, M165; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 131.34 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Table for Pipe Link: PIPE 603. Columns: Damping, 0.0000 ft; Length, 17.05 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 603. Columns: Scenario, Scenario1; From Node, S155; To Node, M165; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 27.53 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Table for Pipe Link: PIPE 604. Columns: Scenario, Scenario1; From Node, M165; To Node, M188; Link Count, 1; Flow Direction, Both; Damping, 0.0000 ft; Length, 392.31 ft; FHWA Code, 0; Entr Loss Coef, 0.00; Exit Loss Coef, 0.00; Bend Loss Coef, 0.00; Bend Location, 0.00 dec; Energy Switch, Energy. Includes Max Depth, 1.50 ft. Includes Upstream and Downstream invert and Manning's N values.

Comment:

Pipe Link: PIPE 605		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.00 ft	Invert: 1.50 ft
From Node:	M188	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 605 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	498.26 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 606		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.00 ft	Invert: 8.00 ft
From Node:	UNKNOWN DIRECTION 180	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S169	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	74.41 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 701		Upstream	Downstream
Scenario:	Scenario1	Invert: 12.06 ft	Invert: 10.52 ft
From Node:	PIPE 701 DIRECTION UNKNOWN	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 701 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	54.38 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 801		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.50 ft	Invert: 10.00 ft
From Node:	S192	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S153	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	35.76 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 802		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.00 ft	Invert: 9.00 ft
From Node:	S153	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S191(C)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	185.81 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPE 803		Upstream	Downstream
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Scenario:	Scenario1	Invert: 9.00 ft	Invert: 4.47 ft
From Node:	S191(C)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S191(A)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	124.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 804		Upstream	Downstream
Scenario:	Scenario1	Invert: 4.47 ft	Invert: 3.80 ft
From Node:	S191(A)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S191(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	14.17 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 805		Upstream	Downstream
Scenario:	Scenario1	Invert: 3.80 ft	Invert: 3.72 ft
From Node:	S191(B)	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 805 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	58.86 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft

Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 806		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.65 ft	Invert: 7.00 ft
From Node:	PIPE 806 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 806 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	32.26 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 901		Upstream	Downstream
Scenario:	Scenario1	Invert: 5.00 ft	Invert: 4.96 ft
From Node:	PIPE 901 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 901 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	23.15 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 902		Upstream	Downstream
Scenario:	Scenario1	Invert: 5.00 ft	Invert: 5.00 ft
From Node:	PIPE 902 ENTRY	Manning's N: 0.0120	Manning's N: 0.0120

To Node:	PIPE 902 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.74 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 903		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.50 ft	Invert: 2.50 ft
From Node:	S197	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S431	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	119.69 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 904		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.50 ft	Invert: 2.50 ft
From Node:	S431	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S195	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	34.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:

Manning's N: 0.0000 Manning's N: 0.0000
Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE 905		Upstream	Downstream
Scenario:	Scenario1	Invert: 2.50 ft	Invert: 2.08 ft
From Node:	S195	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PIPE 905 EXIT	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	61.94 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Pipe Link: PIPE1014		Upstream	Downstream
Scenario:	Scenario1	Invert: 8.25 ft	Invert: 8.00 ft
From Node:	PIPE CONNECTION TO PIPE 1013	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S525	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	17.39 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: PIPR 1903		Upstream	Downstream
Scenario:	Scenario1	Invert: 10.46 ft	Invert: 9.80 ft
From Node:	S180	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	S180(B)	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft

Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	46.80 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Material: Reinforced Concrete Pipe

Simulation: 025-001
Scenario: Scenario1
Run Date/Time: 1/20/2026 7:47:07 AM
Program Version: StormWise 4.08.03

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	1.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:		30.0000		

Output Time Increments				
Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables	
Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set: 1
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options	
Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1000.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOOT-1
Edge Length Option: Automatic	Rainfall Amount: 3.88 in
	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 025-002
Scenario: Scenario1
Run Date/Time: 1/20/2026 7:47:09 AM
Program Version: StormWise 4.08.03

General			
Run Mode:	Normal		
	Year	Month	Day
			Hour [hr]

Start Time: 0 0 0 0.0000
 End Time: 0 0 0 2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60,0000	0.1000	900,0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				60.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set: 1
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24,0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact:	

dZ Tolerance: 0.0010 ft
 Max dZ: 1000.0000 ft

Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 100 ft2

Energy Switch (2D): Energy

Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: ~FDOT-2
 Rainfall Amount: 4.95 in
 Storm Duration: 24,0000 hr
 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2

Energy Switch (1D): Energy

Comment:

Simulation: 025-004

Scenario: Scenario1
 Run Date/Time: 1/20/2026 7:47:13 AM
 Program Version: StormWise 4.08.03

General

Run Mode: Normal

Year	Month	Day	Hour [hr]
0			0.0000
			4.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60,0000	0.1000	900,0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				60.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set: 1
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24,0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1000.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-4
Edge Length Option: Automatic	Rainfall Amount: 6.21 in
Dflt Damping (2D): 0.0050 ft	Storm Duration: 24,0000 hr
Min Node Srf Area (2D): 100 ft2	Dflt Damping (1D): 0.0050 ft
(2D):	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 025-008

Scenario: Scenario1
 Run Date/Time: 1/20/2026 7:47:18 AM
 Program Version: StormWise 4.08.03

General

Run Mode: Normal

Year	Month	Day	Hour [hr]
0			0.0000
			8.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60,0000	0.1000	900,0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0				0.0000
				60.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set: 1
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24,0000 hr
Max Iterations: 6	ET for Manual Basins: False

Over-Relax Weight 0.5 dec
 Fact: Ia/S: 0.20 dec
 dZ Tolerance: 0.0010 ft
 Max dZ: 1000.0000 ft
 Smp/Man Basin Rain Global
 Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: ~FDOT-8
 Rainfall Amount: 7.66 in
 Storm Duration: 24,0000 hr
 Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (2D):
 (1D):
 Energy Switch (2D): Energy
 Energy Switch (1D): Energy

Comment:

Simulation: 025-024
 Scenario: Scenario1
 Run Date/Time: 1/20/2026 7:47:34 AM
 Program Version: StormWise 4.08.03

General

Run Mode: Normal

Year	Month	Day	Hour [hr]
0	0	0	0.0000
0	0	0	30,0000

Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
60,0000	0.1000	900,0000
	30,0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: Reference ET Folder: Unit Hydrograph Folder:	Boundary Stage Set: Extern Hydrograph Set: Curve Number Set: CN SET Green-Ampt Set: Vertical Layers Set: Impervious Set: 1 Roughness Set: Crop Coef Set: Fillable Porosity Set: Conductivity Set: Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24,0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact: 0.0010 ft	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1000.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
Edge Length Option: Automatic	Rainfall Amount: 10.40 in
Dflt Damping (2D): 0.0050 ft	Storm Duration: 24,0000 hr
Min Node Srf Area 100 ft2	Dflt Damping (1D): 0.0050 ft
(2D):	Min Node Srf Area 100 ft2
(1D):	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-001

Scenario: Scenario1
 Run Date/Time: 1/20/2026 7:50:49 AM
 Program Version: StormWise 4.08.03

Run Mode: Normal

Year	Month	Day	Hour [hr]
0	0	0	0.0000
0	0	0	1,0000

Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
60,0000	0.1000	900,0000
	30,0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: Reference ET Folder: Unit Hydrograph Folder:	Boundary Stage Set: Extern Hydrograph Set: Curve Number Set: CN SET Green-Ampt Set: Vertical Layers Set: Impervious Set: 1 Roughness Set: Crop Coef Set: Fillable Porosity Set: Conductivity Set: Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24,0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact: 0.0010 ft	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1,0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
Edge Length Option: Automatic	Rainfall Amount: 4.89 in
Dflt Damping (2D): 0.0050 ft	Storm Duration: 24,0000 hr
Min Node Srf Area 100 ft2	Dflt Damping (1D): 0.0050 ft
(2D):	Min Node Srf Area 100 ft2
(1D):	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-002

Scenario: Scenario1
 Run Date/Time: 1/20/2026 7:50:51 AM
 Program Version: StormWise 4.08.03

General

Run Mode: Normal

Year	Month	Day	Hour [hr]
0	0	0	0.0000
0	0	0	2,0000

Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
60,0000	0.1000	900,0000
	30,0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				60.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set: 1
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ta/S: 0.20 dec
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	OF Region Rain Opt: Global
	Rainfall Name: ~FDOT-2
Edge Length Option: Automatic	Rainfall Amount: 6.24 in
	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-004
Scenario: Scenario1
Run Date/Time: 1/20/2026 7:50:56 AM

Program Version: StormWise 4.08.03

General

Run Mode: Normal

Year	Month	Day	Hour [hr]	Time Increment [min]
Start Time: 0	0	0	0	0.0000
End Time: 0	0	0	0	4.0000

Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time: 60.0000	0.1000	900.0000
Max Calculation Time: 30.0000		

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				60.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set: 1
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	OF Region Rain Opt: Global
	Rainfall Name: ~FDOT-4
Edge Length Option: Automatic	Rainfall Amount: 7.91 in
	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-008
Scenario: Scenario1
Run Date/Time: 1/20/2026 7:51:04 AM
Program Version: StormWise 4.08.03

General

Run Mode: Normal

Year	Month	Day	Hour [hr]	Time Increment [min]
Start Time: 0	0	0	0	0.0000
End Time: 0	0	0	0	8.0000

Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time: 60.0000	0.1000	900.0000
Max Calculation Time: 30.0000		

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
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Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0	0.0000
				60.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set: 1
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	OF Region Rain Opt: Global
	Rainfall Name: ~FDOT-8
Edge Length Option: Automatic	Rainfall Amount: 9.95 in
	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-024
 Scenario: Scenario1
 Run Date/Time: 1/20/2026 7:51:34 AM
 Program Version: StormWise 4.08.03

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: CN SET
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set: 1
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24,0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	Ia/S: 0.20 dec
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
Edge Length Option: Automatic	Rainfall Amount: 13.90 in
	Storm Duration: 24,0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Impervious: 1 [Set]

Land Cover Zone	% Impervious	% DCIA	% Direct	Ia/S [dec]	Ia Impervious [in]	Ia Pervious [in]
IMP	0.00	0.00	0.00	0.00	0.000	0.000
LOT	0.00	0.00	0.00	0.00	0.000	0.000
PER	0.00	0.00	0.00	0.00	0.000	0.000
SWMF	0.00	0.00	0.00	0.00	0.000	0.000

Attachment G

Existing Conditions Stormwise Results Spreadsheet

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR						100 YEAR						Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR					
M(COLLECTION)	7.91	-0.13	0.45	0.66	1.75	4.9	-0.13	0.83	1.08	2.08	6.73	6.73	0			
M100	13	9.5	9.57	9.57	9.65	9.97	9.5	9.59	9.59	9.7	10.1	10.1	0			
M103	13.08	4.9	5.18	5.19	5.47	6.35	4.9	5.23	5.23	5.63	6.71	6.71	0			
M112	16	7.5	7.73	7.74	8.06	9.13	7.5	7.78	7.78	8.25	9.56	9.56	0			
M141	14.05	10.5	10.64	10.65	10.79	11.24	10.5	10.66	10.67	10.87	11.44	11.44	0			
M143	15	11	11	11	11	11.24	11	11	11	11	11.44	11.44	0			
M146	12.41	5.35	5.53	5.53	5.67	6.2	5.35	5.56	5.56	5.76	6.42	6.42	0			
M161	8.91	5.19	5.34	5.34	5.48	5.99	5.19	5.36	5.37	5.57	6.2	6.2	0			
M165	16	12.5	12.57	12.57	12.64	12.94	12.5	12.58	12.58	12.69	13.06	13.06	0			
M172	12.96	9.5	9.67	9.67	9.8	10.24	9.5	9.69	9.7	9.87	10.44	10.44	0			
M18	14.61	10	10.3	10.31	10.63	12.33	10	10.35	10.36	10.8	13.81	13.81	0			
M188	17	8.32	8.32	8.32	8.32	8.46	8.32	8.32	8.32	8.32	8.59	8.59	0			
M203	5.51	2.51	2.81	2.81	3.03	4.06	2.51	2.85	2.85	3.17	4.89	4.89	0			
M249	5.46	1.74	1.88	1.92	2.07	5.76	1.74	1.96	1.98	2.28	8.21	8.21	2.75	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)		
M254	14.93	6.6	6.7	6.7	6.82	7.15	6.6	6.71	6.72	6.88	7.52	7.52	0			
M258	17.81	14.99	15.03	15.03	15.07	15.16	14.99	15.04	15.04	15.08	15.21	15.21	0			
M298	6.96	3.33	3.33	3.33	3.33	4.69	3.33	3.33	3.33	3.33	6.39	6.39	0			
M319	10.99	3.02	3.17	3.17	3.28	5.36	3.02	3.19	3.19	3.34	7.5	7.5	0			
M322	5.41	-0.61	0.46	0.66	1.79	5.52	-0.61	0.84	1.09	2.15	7.79	7.79	2.38	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)		
M342	4.24	0.73	0.73	0.73	0.73	0.8	0.73	0.73	0.73	0.73	0.94	0.94	0			
M344(A)	3.66	0.73	0.74	0.74	0.74	0.93	0.73	0.74	0.74	0.75	1.12	1.12	0			
M344(B)	3.65	0.73	0.74	0.74	0.74	0.86	0.73	0.74	0.74	0.74	1.04	1.04	0			
M344(C)	3.33	0.73	0.74	0.74	0.74	0.84	0.73	0.74	0.74	0.74	1	1	0			
M345	3.56	0.73	0.74	0.74	0.75	1.2	0.73	0.74	0.74	0.76	1.47	1.47	0			
M346(A)	3.45	0.73	0.74	0.74	0.76	1.21	0.73	0.75	0.75	0.77	1.51	1.51	0			
M346(B)	4.98	0.63	1.11	1.13	1.18	1.46	0.63	1.14	1.14	1.23	1.66	1.66	0			
M346(C)	5.06	0.73	1.11	1.13	1.19	1.47	0.73	1.14	1.14	1.23	1.66	1.66	0			
M359(A)	7.04	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	0			
M359(B)	6.3	4.73	4.73	4.73	4.77	4.99	4.73	4.73	4.73	4.81	5.07	5.07	0			
M361	5.63	1.52	1.74	1.74	1.84	2.34	1.52	1.77	1.77	1.91	2.91	2.91	0			
M368	7.73	0.73	0.9	0.91	1.23	2.78	0.73	0.97	0.98	1.44	3.59	3.59	0			
M369(A)	5.01	0.73	0.77	0.77	0.88	1.62	0.73	0.79	0.79	0.98	2.07	2.07	0			
M369(B)	8	0.73	0.9	0.9	1.23	2.75	0.73	0.97	0.97	1.44	3.53	3.53	0			
M372	5.84	0.79	1.33	1.33	1.39	1.64	0.79	1.34	1.35	1.43	1.78	1.78	0			
M389	5.16	1.05	1.29	1.3	1.52	3.43	1.05	1.34	1.34	1.68	4.2	4.2	0			
M391	6.41	1.44	1.69	1.69	1.88	3.75	1.44	1.73	1.74	1.99	4.49	4.49	0			
M398	9.67	5.67	6.23	6.23	6.33	6.67	5.67	6.25	6.26	6.39	6.82	6.82	0			
M399	6.69	1.73	1.86	1.87	2.05	3.81	1.73	1.91	1.91	2.15	4.54	4.54	0			
M400	12.09	8.68	8.79	8.8	8.87	9.07	8.68	8.81	8.82	8.9	9.16	9.16	0			
M401	9.59	4.52	4.67	4.68	4.79	5.09	4.52	4.7	4.7	4.84	5.25	5.25	0			
M405	6.25	4.75	4.84	4.85	4.93	5.22	4.75	4.86	4.86	4.99	5.33	5.33	0			
M412	11.29	5.5	5.88	5.89	6.16	8.13	5.5	5.94	5.94	6.34	9.76	9.76	0			
M413(A)	11.36	6.75	6.84	6.84	6.91	8.25	6.75	6.86	6.86	6.97	10.05	10.05	0			
M413(B)	11.04	6	6.16	6.16	6.26	8.15	6	6.18	6.18	6.37	9.8	9.8	0			
M433	4.7	0.73	0.74	0.74	0.77	1.16	0.73	0.74	0.74	0.8	1.71	1.71	0			
M457	11.74	7.87	8	8	8.08	8.36	7.87	8.02	8.02	8.13	8.48	8.48	0			
M459	11.96	8	8.17	8.17	8.24	8.41	8	8.19	8.19	8.28	8.48	8.48	0			
M459(B)	8.5	7	7.18	7.18	7.32	7.65	7	7.2	7.21	7.38	7.78	7.78	0			
M460	8.5	7	7.11	7.11	7.21	7.5	7	7.12	7.12	7.27	7.62	7.62	0			
M461(A)	4.45	0.75	0.96	0.97	1.14	1.66	0.75	1	1	1.24	1.86	1.86	0			
M461(B)	4.5	3.08	3.28	3.28	3.45	3.94	3.08	3.31	3.32	3.54	4.13	4.13	0			
M462	9	7.06	7.2	7.2	7.29	7.59	7.06	7.22	7.22	7.34	7.72	7.72	0			
M467(A)	5.72	2.25	2.28	2.28	2.32	2.51	2.25	2.29	2.29	2.36	2.58	2.58	0			
M467(B)	5.32	2	2.06	2.06	2.12	2.39	2	2.07	2.07	2.18	2.48	2.48	0			
M467(C)	5.65	1.94	1.97	1.97	2.01	2.2	1.94	1.98	1.98	2.05	2.27	2.27	0			
M467(D)	5.3	0.73	0.73	0.73	0.76	1.12	0.73	0.73	0.73	0.79	1.67	1.67	0			
M49	12.05	8.01	8.17	8.17	8.34	8.88	8.01	8.19	8.2	8.43	9.12	9.12	0			
M491	5.43	0.73	0.75	0.75	0.78	1.29	0.73	0.75	0.75	0.83	1.8	1.8	0			
M520	5.31	3.81	3.96	3.96	4.1	4.73	3.81	3.98	3.99	4.19	5.38	5.38	0.07	Upstream of Battery Park Boat Ramp Discharge Point (SEE SHEET C8)		
M524	4.4	2.51	2.55	2.55	2.75	3.6	2.51	2.58	2.59	2.88	4.36	4.36	0			
M7	15	10.25	10.5	10.5	10.78	12.57	10.25	10.54	10.55	10.94	14.27	14.27	0			
M81	15.13	13	13	13	13	13.75	13	13	13	13	13.93	13.93	0			
M9	15.12	11	11.2	11.21	11.44	12.78	11	11.24	11.24	11.55	14.71	14.71	0			
M99	12.91	5	5.19	5.19	5.47	6.35	5	5.23	5.23	5.63	6.71	6.71	0			
PIPE 1054 EXIT	1.5	0.73	0.74	0.74	0.76	1.15	0.73	0.74	0.74	0.78	1.59	1.59	0.09	Battery Park Boat Ramp Discharge Point (SEE SHEET C8),TIDAL INFLUENCED SURCHARGE		
PIPE 1055 EXIT	1.5	0.73	0.74	0.74	0.76	1.15	0.73	0.74	0.74	0.79	1.6	1.6	0.1	Battery Park Boat Ramp Discharge Point (SEE SHEET C8),TIDAL INFLUENCED SURCHARGE		
PIPE 111 ENTRY	15	13	13.06	13.06	13.16	13.39	13	13.07	13.07	13.2	14.72	14.72	0			
PIPE 113 EXIT	15	13	13.07	13.07	13.17	13.4	13	13.08	13.08	13.21	14.72	14.72	0			
PIPE 115 ENTRY	16	15	15.04	15.04	15.1	15.24	15	15.05	15.05	15.12	15.29	15.29	0			
PIPE 115 EXIT	15	14	14.07	14.07	14.18	14.41	14	14.09	14.09	14.23	14.74	14.74	0			
PIPE 116 EXIT	15.93	14.43	14.48	14.48	14.57	14.81	14.43	14.49	14.49	14.61	14.91	14.91	0			

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR					100 YEAR					Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surchage Exhibit	
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR				
PIPE 117 ENTRY	15.93	14.43	14.51	14.51	14.64	14.9	14.43	14.52	14.52	14.69	15.01	15.01	0		
PIPE 117 EXIT	15.93	14.43	14.48	14.48	14.57	14.81	14.43	14.49	14.49	14.61	14.91	14.91	0		
PIPE 123 ENTRY	15	14	14.07	14.07	14.18	14.41	14	14.08	14.08	14.23	14.73	14.73	0		
PIPE 123 EXIT	14.99	13.99	14.01	14.01	14.04	14.1	13.99	14.01	14.01	14.05	14.72	14.72	0		
PIPE 127 EXIT	11	8.62	8.62	8.62	8.62	9.63	8.62	8.62	8.62	8.73	10.08	10.08	0		
PIPE 1501 ENTRY	5.58	4.58	4.69	4.69	4.84	5.14	4.58	4.71	4.71	4.9	5.25	5.25	0		
PIPE 1526 ENTRY	3.5	2.18	2.21	2.21	2.29	3.43	2.18	2.22	2.22	2.32	4.2	4.2	0.7		Upstream of Intersection Avenue F and Water Street Discharge Point (SEE SHEET C1)
PIPE 1601 ENTRY	2.66	1.26	1.31	1.31	1.35	1.57	1.26	1.31	1.31	1.39	1.65	1.65	0		
PIPE 1702 EXIT	4.5	3	3.02	3.02	3.03	4.69	3	3.02	3.02	3.04	6.39	6.39	1.89		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)
PIPE 1703 EXIT	2.5	1	1.05	1.06	1.71	4.69	1	1.06	1.07	1.99	6.39	6.39	3.89		Discharge Point Intersection of Avenue I and Market St (See Sheet C4)
PIPE 1708 ENTRY	10	8	8.06	8.06	8.28	8.72	8	8.08	8.08	8.36	8.91	8.91	0		
PIPE 1708 EXIT	9	7	7.05	7.05	7.16	7.42	7	7.05	7.05	7.21	8.81	8.81	0		
PIPE 1710 ENTRY	13	11	11.04	11.04	11.26	11.69	11	11.05	11.05	11.34	11.86	11.86	0		
PIPE 1710 EXIT	11.89	9.89	9.91	9.91	9.98	10.07	9.89	9.92	9.92	10	10.11	10.11	0		
PIPE 1711 ENTRY	15	13	13.04	13.05	13.34	13.82	13	13.06	13.06	13.42	14.02	14.02	0		
PIPE 1711 EXIT	14.96	12.96	12.97	12.98	13.01	13.09	12.96	12.98	12.98	13.03	13.13	13.13	0		
PIPE 1720 EXIT	15	13	13.12	13.12	13.38	13.86	13	13.12	13.12	13.46	14.07	14.07	0		
PIPE 1722 ENTRY	16.5	15	15.11	15.11	15.23	15.5	15	15.12	15.12	15.28	15.61	15.61	0		
PIPE 1722 EXIT	16.5	15	15.08	15.08	15.19	15.46	15	15.09	15.09	15.24	15.57	15.57	0		
PIPE 1723 ENTRY	15.08	13.08	13.11	13.11	13.37	13.85	13.08	13.12	13.12	13.46	14.06	14.06	0		
PIPE 1723 EXIT	15	13	13.05	13.05	13.34	13.82	13	13.06	13.06	13.42	14.02	14.02	0		
PIPE 1733 ENTRY	10	8	8.06	8.07	8.33	8.89	8	8.08	8.09	8.43	10.74	10.74	0.74		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
PIPE 1739 ENTRY	8	7	7.07	7.07	7.19	8.26	7	7.08	7.09	7.24	11.15	11.15	3.15		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
PIPE 1740 ENTRY	9.98	7.98	8.01	8.01	8.09	8.21	7.98	8.02	8.02	8.11	10.61	10.61	0.63		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
PIPE 1740 EXIT	9.95	7.95	8.02	8.02	8.08	8.18	7.95	8.02	8.02	8.1	10.61	10.61	0.66		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
PIPE 1744 ENTRY	7	6	6.17	6.17	6.32	8.96	6	6.19	6.19	6.4	12.12	12.12	5.12		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
PIPE 1745 ENTRY	11.5	10	10.08	10.08	10.31	10.86	10	10.1	10.11	10.41	11.08	11.08	0		
PIPE 1745 EXIT	9.5	8	8.08	8.09	8.36	8.91	8	8.11	8.11	8.46	10.74	10.74	1.24		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
PIPE 1748 ENTRY	11.5	10	10.19	10.19	10.47	11.16	10	10.22	10.23	10.6	11.49	11.49	0		
PIPE 1748 EXIT	11.5	10	10.08	10.09	10.32	10.86	10	10.1	10.11	10.42	11.08	11.08	0		
PIPE 1753 EXIT	6	4.29	5.04	5.04	5.07	5.79	4.29	5.04	5.04	5.09	8.26	8.26	2.26		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)
PIPE 1758 ENTRY	5	3.92	3.92	3.92	3.92	5.72	3.92	3.92	3.92	3.92	8.13	8.13	3.13		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)
PIPE 1770 ENTRY	2.6	0.6	0.6	0.65	1.66	3.54	0.6	0.83	1.07	1.88	4.51	4.51	1.91		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1770 EXIT	2.7	-0.09	0.45	0.65	1.66	3.32	-0.09	0.82	1.07	1.86	4.15	4.15	1.45		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1771 ENTRY	2.72	0.72	0.72	0.72	1.66	3.54	0.72	0.83	1.07	1.88	4.51	4.51	1.79		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1771 EXIT	2.76	-0.09	0.45	0.65	1.66	3.32	-0.09	0.82	1.07	1.86	4.15	4.15	1.39		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1775 ENTRY	5.71	3.71	3.8	3.83	3.96	5.79	3.71	3.86	3.87	4.05	8.26	8.26	2.55		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)
PIPE 1782 ENTRY	7.75	6.22	6.39	6.41	6.52	7.14	6.22	6.43	6.44	6.61	8.59	8.59	0.84		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)
PIPE 1785 EXIT	3	1.59	1.59	1.59	1.7	4.69	1.59	1.59	1.59	1.99	6.39	6.39	3.39		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1787 EXIT	2.38	-0.08	0.45	0.66	1.75	4.87	-0.08	0.83	1.08	2.08	6.67	6.67	4.29		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1788 EXIT	2.36	-0.1	0.45	0.66	1.75	4.87	-0.1	0.83	1.08	2.07	6.67	6.67	4.31		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1789 ENTRY	2.87	1.27	1.27	1.27	1.71	4.69	1.27	1.27	1.27	2	6.4	6.4	3.53		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1789 EXIT	2.5	0.88	0.88	0.88	1.71	4.69	0.88	0.88	1.08	2	6.4	6.4	3.9		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1801 ENTRY	5.5	4	4.01	4.01	4.02	4.14	4	4.01	4.02	4.03	4.77	4.77	0		
PIPE 1802 EXIT	3.76	2.37	2.37	2.37	2.56	4.09	2.37	2.37	2.37	2.73	4.76	4.76	1		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1803 ENTRY	4	2.31	2.31	2.31	2.52	4.07	2.31	2.32	2.32	2.67	4.72	4.72	0.72		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1803 EXIT	4	2.27	2.3	2.29	2.51	4.07	2.27	2.32	2.31	2.66	4.72	4.72	0.72		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1804 ENTRY	5.78	3	3.15	3.15	3.28	4.06	3	3.18	3.18	3.36	4.71	4.71	0		
PIPE 1804 EXIT	4.5	3	3.11	3.11	3.24	4.05	3	3.14	3.14	3.31	4.71	4.71	0.21		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1805 ENTRY	6	4.42	4.49	4.49	4.53	4.71	4.42	4.5	4.5	4.56	4.79	4.79	0		
PIPE 1805 EXIT	4.5	3	3.17	3.18	3.34	4.1	3	3.21	3.21	3.43	4.73	4.73	0.23		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1809 ENTRY	4.5	3.09	3.09	3.09	3.09	4.11	3.09	3.09	3.09	3.09	4.77	4.77	0.27		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1809 EXIT	4.5	2.9	2.9	2.9	2.9	4.11	2.9	2.9	2.9	2.9	4.76	4.76	0.26		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1810 ENTRY	3.25	2.05	2.1	2.1	2.2	2.7	2.05	2.11	2.11	2.3	2.9	2.9	0		
PIPE 1810 EXIT	3.25	2.05	2.08	2.08	2.18	2.66	2.05	2.09	2.09	2.27	2.86	2.86	0		
PIPE 1811 ENTRY	4	2.24	2.25	2.24	2.4	3.55	2.24	2.26	2.25	2.5	4.11	4.11	0.11		Discharge Point Scipio Creek Marina Discharge Point (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1811 EXIT	4	2.2	2.21	2.2	2.35	3.47	2.2	2.22	2.21	2.45	4	4	0		
PIPE 1812 EXIT	3.25	2.27	2.29	2.28	2.47	4.04	2.27	2.3	2.29	2.6	4.7	4.7	1.45		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
PIPE 1814 ENTRY	10.25	9	9.03	9.03	9.05	9.15	9	9.04	9.04	9.07	9.2	9.2	0		
PIPE 1814 EXIT	9.75	8.5	8.51	8.51	8.52	8.55	8.5	8.51	8.51	8.52	8.55	8.55	0		
PIPE 1815 ENTRY	17.5	16	16.13	16.13	16.21	16.61	16	16.14	16.14	16.28	16.78	16.78	0		
PIPE 1815 EXIT	17.5	16	16.09	16.09	16.17	16.55	16	16.11	16.11	16.23	16.72	16.72	0		
PIPE 1816 ENTRY	16	15	15	15	15	15	15	15	15	15	15	15	0		
PIPE 1816 EXIT	14.5	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	0		
PIPE 208 ENTRY	11.5	10	10.09	10.09	10.19	10.51	10	10.1	10.1	10.25	10.65	10.65	0		
PIPE 232 ENTRY	11	9.5	9.61	9.61	9.73	10.11	9.5	9.63	9.63	9.79	10.28	10.28	0		
PIPE 301 EXIT	14.25	13.25	13.27	13.27	13.31	13.61	13.25	13.27	13.27	13.35	13.77	13.77	0		
PIPE 313 ENTRY	14.5	13	13.08	13.08	13.21	13.6	13	13.09	13.09	13.28	13.76	13.76	0		
PIPE 317 ENTRY	13.25	11	11.28	11.28	11.67	12.74	11	11.32	11.33	11.87	13.21	13.21	0		
PIPE 318 ENTRY	16.53	14.53	14.68	14.68	14.89	15.37	14.53	14.7	14.7	14.99	15.54	15.54	0		
PIPE 321 ENTRY	16.38	14.38	14.49	14.49	14.66	15.14	14.38	14.51	14.51	14.75	15.32	15.32	0		

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR					100 YEAR					Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR			
PIPE 321 EXIT	16	14	14.11	14.11	14.29	14.8	14	14.13	14.13	14.39	14.98	14.98	0	
PIPE 322 ENTRY	16	14	14.11	14.11	14.28	14.79	14	14.13	14.13	14.38	14.97	14.97	0	
PIPE 323 ENTRY	16.95	15.95	16.01	16.01	16.12	16.36	15.95	16.02	16.02	16.17	16.44	16.44	0	
PIPE 323 EXIT	16	15	15.06	15.06	15.15	15.4	15	15.07	15.07	15.19	15.55	15.55	0	
PIPE 324 ENTRY	18.5	17	17.05	17.05	17.13	17.33	17	17.06	17.07	17.17	17.41	17.41	0	
PIPE 324 EXIT	18.5	17	17.01	17.02	17.08	17.26	17	17.02	17.12	17.33	17.33	17.33	0	
PIPE 325 ENTRY	17.25	16	16.04	16.04	16.17	16.47	16	16.05	16.06	16.22	16.58	16.58	0	
PIPE 325 EXIT	17.25	15.98	15.99	15.99	16	16.03	15.98	15.99	15.99	16	16.04	16.04	0	
PIPE 326 ENTRY	15.5	14	14.09	14.09	14.28	14.84	14	14.1	14.1	14.39	15.05	15.05	0	
PIPE 327 ENTRY	15.5	14	14.07	14.08	14.28	14.84	14	14.09	14.1	14.39	15.05	15.05	0	
PIPE 327 EXIT	15.5	14	14.06	14.06	14.28	14.83	14	14.07	14.08	14.38	15.04	15.04	0	
PIPE 343 EXIT	6.5	3	3.35	3.36	3.83	5.73	3	3.42	3.42	4.13	6.47	6.47	0	
PIPE 346 ENTRY	13	11.5	11.53	11.53	11.56	11.64	11.5	11.53	11.53	11.58	11.7	11.7	0	
PIPE 347 ENTRY	11	9.5	9.53	9.53	9.58	10.53	9.5	9.53	9.53	9.6	11.69	11.69	0.69	Upstream of Discharge Point Intersection of 12th St and Bay Ave (See Sheet C12)
PIPE 350 ENTRY	15.5	14	14.05	14.06	14.28	14.83	14	14.07	14.08	14.38	15.04	15.04	0	
PIPE 351 ENTRY	18.5	17	17.01	17.01	17.08	17.26	17	17.02	17.02	17.11	17.33	17.33	0	
PIPE 351 EXIT	17.5	16	16.04	16.05	16.17	16.48	16	16.05	16.06	16.22	16.59	16.59	0	
PIPE 352 ENTRY	18.5	17.01	17.08	17.08	17.17	17.4	17.01	17.09	17.1	17.21	17.47	17.47	0	
PIPE 352 EXIT	18.5	17	17.07	17.08	17.17	17.39	17	17.09	17.1	17.21	17.47	17.47	0	
PIPE 353 ENTRY	18.5	17	17.07	17.08	17.16	17.39	17	17.09	17.1	17.21	17.47	17.47	0	
PIPE 353 EXIT	18.5	17	17.07	17.07	17.16	17.39	17	17.08	17.09	17.21	17.47	17.47	0	
PIPE 354 ENTRY	18.5	17	17.07	17.07	17.16	17.39	17	17.08	17.09	17.21	17.46	17.46	0	
PIPE 354 EXIT	18.5	17	17.06	17.07	17.16	17.38	17	17.08	17.09	17.2	17.46	17.46	0	
PIPE 355 ENTRY	18.5	17	17.06	17.07	17.15	17.38	17	17.08	17.09	17.2	17.46	17.46	0	
PIPE 355 EXIT	18.5	17	17.05	17.06	17.13	17.34	17	17.06	17.07	17.17	17.41	17.41	0	
PIPE 356 ENTRY	17	15	15.05	15.05	15.14	15.39	15	15.06	15.06	15.18	15.54	15.54	0	
PIPE 359 ENTRY	14.33	13.33	13.46	13.46	13.6	14.04	13.33	13.48	13.48	13.68	14.23	14.23	0	
PIPE 360 EXIT	4.99	2.53	2.62	2.62	2.66	2.84	2.53	2.63	2.63	2.69	2.93	2.93	0	
PIPE 401 EXIT	9.25	8	8.02	8.02	8.03	8.06	8	8.02	8.02	8.03	8.07	8.07	0	
PIPE 501 EXIT	15.32	13.82	13.86	13.86	13.88	13.95	13.82	13.87	13.87	13.91	13.97	13.97	0	
PIPE 605 EXIT	14	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	0	
PIPE 701 DIRECTIO	13.5	12.06	12.08	12.08	12.08	12.12	12.06	12.08	12.08	12.09	12.13	12.13	0	
PIPE 701 EXIT	12	10.52	10.52	10.52	10.53	10.54	10.52	10.52	10.52	10.53	10.54	10.54	0	
PIPE 805 EXIT	5	3.72	3.75	3.75	3.77	3.84	3.72	3.76	3.76	3.78	3.87	3.87	0	
PIPE 806 ENTRY	9.65	8.65	8.75	8.75	8.81	9.11	8.65	8.76	8.76	8.86	9.24	9.24	0	
PIPE 806 EXIT	7.99	6.99	7.03	7.03	7.05	7.16	6.99	7.03	7.03	7.07	7.2	7.2	0	
PIPE 901 ENTRY	6.25	5	5.08	5.08	5.14	5.45	5	5.09	5.09	5.2	5.58	5.58	0	
PIPE 901 EXIT	6.25	4.96	5.03	5.03	5.09	5.34	4.96	5.04	5.05	5.13	5.43	5.43	0	
PIPE 902 ENTRY	6.25	5	5.13	5.13	5.21	5.57	5	5.14	5.15	5.28	5.7	5.7	0	
PIPE 902 EXIT	6.25	5	5.12	5.12	5.2	5.53	5	5.13	5.14	5.26	5.65	5.65	0	
PIPE 905 EXIT	3.5	2.08	2.11	2.12	2.16	2.3	2.08	2.13	2.13	2.17	2.37	2.37	0	
PIPE CONNECTION	9.75	8.25	8.34	8.34	8.44	8.93	8.25	8.35	8.36	8.5	9.17	9.17	0	
PIPE ENTRY 127	11.5	10.5	10.59	10.59	10.71	11.03	10.5	10.6	10.6	10.77	12.49	12.49	0.99	Upstream of Discharge Point Intersection of 12th St and Bay Ave (See Sheet C12)
PIPE EXIT 136	14.25	13	13.02	13.02	13.06	13.2	13	13.03	13.03	13.08	13.27	13.27	0	
PM412	11	6	6.18	6.18	6.3	8.25	6	6.19	6.19	6.43	10.03	10.03	0	
PM490	8.7	7.2	7.36	7.37	7.44	8.22	7.2	7.39	7.39	7.49	9.97	9.97	1.27	Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C5)
POSSIBLE INLET 12	15.08	9.52	9.52	9.52	9.52	10.09	9.52	9.52	9.52	9.52	10.3	10.3	0	
S(COLLECTION)	7.65	-0.1	0.45	0.66	1.75	4.87	-0.1	0.83	1.08	2.08	6.69	6.69	0	
S100(A)	13	9.5	9.62	9.62	9.71	10.1	9.5	9.64	9.64	9.78	10.26	10.26	0	
S100(B)	12.81	9	9.11	9.11	9.24	9.65	9	9.13	9.13	9.31	9.82	9.82	0	
S100(C)	12.98	8	8	8	8	8	8	8	8	8	8	8	0	
S101	12.48	7	7.08	7.08	7.14	7.35	7	7.09	7.09	7.17	7.44	7.44	0	
S102	12.03	4.2	4.41	4.42	4.66	5.51	4.2	4.45	4.45	4.79	5.95	5.95	0	
S103	12.82	4.91	5.11	5.12	5.36	6.13	4.91	5.15	5.15	5.49	6.45	6.45	0	
S104	13.33	5.09	5.26	5.26	5.52	6.38	5.09	5.29	5.29	5.66	6.75	6.75	0	
S107	13.14	9.89	9.96	9.96	10.01	10.2	9.89	9.97	9.97	10.04	10.28	10.28	0	
S108	13.32	10.07	10.14	10.14	10.18	10.37	10.07	10.15	10.15	10.22	10.45	10.45	0	
S110	14	6.23	6.42	6.42	6.61	7.24	6.23	6.45	6.45	6.72	7.5	7.5	0	
S111	14	10.68	10.73	10.73	10.77	10.98	10.68	10.73	10.73	10.8	11.06	11.06	0	
S113	14.99	8	8.31	8.32	8.72	10.16	8	8.37	8.37	8.96	11.07	11.07	0	
S121	12.35	10	10.08	10.08	10.13	10.37	10	10.09	10.09	10.17	10.54	10.54	0	
S122	12.31	9.75	11.5	11.81	12.67	16.04	9.75	12.14	12.34	12.81	16.55	16.55	4.24	System at Intersection 11th St and Avenue B, with no Outfall Pipe
S124	14.99	8	8.33	8.34	8.76	10.21	8	8.39	8.39	9	11.14	11.14	0	
S125	14	8.25	8.46	8.47	8.85	10.31	8.25	8.51	8.51	9.09	11.36	11.36	0	
S127	14	9.5	9.5	9.5	9.5	10.47	9.5	9.5	9.5	11.62	11.62	0		
S127(B)	14	10	10.09	10.09	10.19	10.72	10	10.1	10.1	10.25	12.16	12.16	0	
S128	13	9.25	9.34	9.35	9.46	10.54	9.25	9.36	9.36	9.52	11.73	11.73	0	
S129	13	9.5	9.66	9.67	9.88	10.69	9.5	9.69	9.69	9.99	12.14	12.14	0	
S131	14.28	11.5	11.54	11.54	11.55	12.11	11.5	11.54	11.54	11.58	12.38	12.38	0	
S134	15	13.5	13.56	13.56	13.63	13.97	13.5	13.57	13.57	13.7	14.1	14.1	0	
S135	14.14	11.79	13	13.12	13.28	13.67	11.79	13.13	13.14	13.36	13.82	13.82	0	

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR					100 YEAR					Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR			
S137	12.3	10.25	10.34	10.34	10.54	11.2	10.25	10.36	10.36	10.64	11.61	11.61	0	
S14	15.98	10.25	11.15	11.15	11.35	12.76	10.25	11.18	11.18	11.44	14.67	14.67	0	
S141	14	10.5	10.65	10.65	10.79	11.25	10.5	10.67	10.67	10.87	11.44	11.44	0	
S143	14.01	10.5	10.66	10.67	10.8	11.25	10.5	10.69	10.69	10.87	11.45	11.45	0	
S145(A)	15.92	13.5	13.5	13.5	13.57	13.96	13.5	13.51	13.51	13.64	14.11	14.11	0	
S145(B)	15	13.33	13.45	13.45	13.59	14.01	13.33	13.47	13.47	13.66	14.18	14.18	0	
S146	9	5.5	5.59	5.59	5.65	8.87	5.5	5.6	5.6	5.7	11.98	11.98	2.98	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)
S149	14.51	12.09	12.18	12.18	12.26	12.59	12.09	12.19	12.2	12.31	12.74	12.74	0	
S150	14.98	10.15	10.27	10.28	10.37	10.79	10.15	10.29	10.3	10.44	10.97	10.97	0	
S152	14.63	12.28	12.38	12.38	12.44	12.75	12.28	12.39	12.39	12.49	12.9	12.9	0	
S153	16	10	10.08	10.08	10.14	10.41	10	10.1	10.1	10.19	10.52	10.52	0	
S154	16.07	13.72	13.8	13.8	13.85	14.07	13.72	13.81	13.81	13.89	14.17	14.17	0	
S155	16	12.5	12.57	12.57	12.64	12.95	12.5	12.58	12.59	12.7	13.07	13.07	0	
S159	14.51	7.9	8.03	8.03	8.12	8.54	7.9	8.05	8.05	8.19	8.72	8.72	0	
S161	8.16	5.25	5.4	5.4	5.51	6.02	5.25	5.42	5.42	5.59	6.26	6.26	0	
S162	8.51	5.19	5.35	5.35	5.49	6.01	5.19	5.37	5.37	5.58	6.23	6.23	0	
S163	14.69	12.34	12.4	12.4	12.43	12.53	12.34	12.4	12.41	12.45	12.59	12.59	0	
S165	16	12.5	12.6	12.6	12.68	13	12.5	12.61	12.61	12.74	13.13	13.13	0	
S167	13.1	10.75	11.5	11.82	12.67	16.03	10.75	12.14	12.34	12.82	16.55	16.55	3.45	System at Intersection 11th St and Avenue B, with no Outfall Pipe (See Sheet C12)
S169	16.68	8.1	8.1	8.1	8.16	8.46	8.1	8.11	8.11	8.21	8.59	8.59	0	
S17	15.66	12.75	12.86	12.86	12.95	13.27	12.75	12.88	12.88	13	14.37	14.37	0	
S171	12.99	3.39	3.71	3.71	4.01	4.93	3.39	3.75	3.76	4.17	5.32	5.32	0	
S172 UNKNOWN	11.01	9.5	9.67	9.67	9.79	10.24	9.5	9.69	9.7	9.87	10.44	10.44	0	
S173	6	2.06	2.19	2.2	2.38	3	2.06	2.22	2.23	2.49	3.25	3.25	0	
S174	6.99	3.49	3.55	3.55	3.59	3.72	3.49	3.56	3.56	3.61	3.78	3.78	0	
S176	12.88	9.63	9.69	9.69	9.72	9.82	9.63	9.69	9.7	9.73	9.87	9.87	0	
S18	14.81	12.25	12.3	12.3	12.34	12.51	12.25	12.3	12.3	12.37	13.81	13.81	0	
S180	12.31	9.75	11.5	11.81	12.67	16.04	9.75	12.14	12.34	12.81	16.55	16.55	4.24	System at Intersection 11th St and Avenue B, with no Outfall Pipe (See Sheet C12)
S180(B)	12.81	9.8	11.5	11.81	12.67	16.04	9.8	12.14	12.34	12.82	16.55	16.55	3.74	System at Intersection 11th St and Avenue B, with no Outfall Pipe (See Sheet C12)
S182	15	13.82	13.96	13.96	14.04	14.43	13.82	13.97	13.98	14.11	14.58	14.58	0	
S191(A)	8.68	4.47	4.55	4.55	4.61	4.88	4.47	4.57	4.57	4.66	4.99	4.99	0	
S191(B)	7.3	3.8	3.97	3.97	4.08	4.55	3.8	3.99	3.99	4.16	4.76	4.76	0	
S191(C)	16.87	9	9.09	9.09	9.15	9.43	9	9.1	9.1	9.2	9.55	9.55	0	
S192	16	10.5	10.57	10.57	10.62	10.85	10.5	10.58	10.58	10.66	10.94	10.94	0	
S195	4	2.5	2.6	2.6	2.68	3.07	2.5	2.62	2.62	2.74	3.24	3.24	0	
S197	4.82	1.57	2.69	2.7	2.82	3.39	1.57	2.72	2.72	2.91	3.66	3.66	0	
S2	15	13	13.08	13.08	13.18	13.41	13	13.09	13.09	13.22	14.72	14.72	0	
S202	11.06	7.89	8	8	8.11	8.54	7.89	8.02	8.02	8.19	8.72	8.72	0	
S203	6.65	3	3.04	3.04	3.09	4.06	3	3.05	3.05	3.18	4.9	4.9	0	
S206	7.1	4.03	4.1	4.1	4.27	5.19	4.03	4.12	4.12	4.39	5.75	5.75	0	
S207	7.77	5.42	5.46	5.46	5.5	5.58	5.42	5.47	5.47	5.51	5.76	5.76	0	
S208	7.36	3.81	4.07	4.07	4.27	5.18	3.81	4.1	4.11	4.39	5.75	5.75	0	
S209	9.62	7.95	8.07	8.07	8.15	9.21	7.95	8.09	8.09	8.2	12.43	12.43	2.81	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S210	8.27	6	6.14	6.14	6.27	8.92	6	6.16	6.16	6.34	12.07	12.07	3.8	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S212	7.99	4	4.19	4.19	4.38	8.25	4	4.22	4.22	4.48	11.14	11.14	3.15	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S213	7.99	3.36	3.36	3.36	3.36	7.82	3.36	3.36	3.54	10.61	10.61	2.62	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)	
S214	9	3.86	3.86	3.86	3.86	7.9	3.86	3.86	3.86	3.86	10.7	10.7	1.7	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S215	9.37	7	7	7	7	7.9	7	7	7	7	10.7	10.7	1.33	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S216	8	5	5.06	5.06	5.17	7.71	5	5.07	5.08	5.22	10.49	10.49	2.49	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S217	9	3.06	3.06	3.06	3.22	7.69	3.06	3.06	3.06	3.43	10.47	10.47	1.47	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S218	9	2.92	2.92	2.92	3.11	7.63	2.92	2.92	2.92	3.33	10.4	10.4	1.4	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S219	9.97	8.31	8.4	8.4	8.47	9.24	8.31	8.41	8.42	8.51	12.47	12.47	2.5	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S220	8.45	2.7	2.7	2.7	3	7.5	2.7	2.7	2.7	3.24	10.26	10.26	1.81	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S222	7.99	2.61	2.61	2.61	2.93	7.43	2.61	2.61	2.61	3.18	10.18	10.18	2.19	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S223	7.01	2.34	2.34	2.34	2.83	7.24	2.34	2.37	2.38	3.1	9.97	9.97	2.96	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S224	7.52	4.21	4.25	4.26	4.29	6.19	4.21	4.27	4.27	4.3	8.75	8.75	1.23	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S225	7.16	2.12	2.2	2.21	2.74	6.93	2.12	2.26	2.27	3	9.6	9.6	2.44	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S227	13.87	10	10.93	11.13	13.76	14.17	10	11.25	11.4	13.83	14.34	14.34	0.47	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S229(A)	15	11	11.06	11.13	13.76	14.18	11	11.24	11.4	13.83	14.36	14.36	0	
S229(B)	14.02	10	10.92	11.13	13.76	14.17	10	11.25	11.4	13.83	14.35	14.35	0.33	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S230(A)	15.95	11.25	11.31	11.31	13.76	14.19	11.25	11.32	11.4	13.84	14.39	14.39	0	
S230(B)	15	11	11.12	11.14	13.76	14.18	11	11.25	11.4	13.84	14.37	14.37	0	
S232	17	15	15.07	15.07	15.19	15.46	15	15.09	15.09	15.24	15.57	15.57	0	
S233	19.19	14	14.69	14.83	17.11	17.37	14	14.58	14.96	17.16	17.48	17.48	0	
S234	16.99	12	12.03	12.03	13.77	14.21	12	12.04	12.04	13.84	14.43	14.43	0	
S235	16.99	12	12.05	12.05	13.77	14.21	12	12.06	12.06	13.84	14.43	14.43	0	
S236	16.8	11.25	11.31	11.31	13.76	14.2	11.25	11.32	11.4	13.84	14.42	14.42	0	
S237	9.01	5	6.03	6.37	8.35	8.91	5	6.65	7.19	8.45	10.75	10.75	1.74	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S238	12	10.5	10.56	10.56	10.62	11.2	10.5	10.56	10.56	10.67	11.61	11.61	0	
S240	6.71	2.02	2.12	2.13	2.63	6.24	2.02	2.18	2.18	2.86	8.8	8.8	2.09	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S243	6.91	1.9	1.98	1.99	2.46	6.19	1.9	2.04	2.04	2.67	8.75	8.75	1.84	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR					100 YEAR					Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit		
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR					
S245	7.08	4.41	4.65	4.66	4.67	6.19	4.41	4.66	4.66	4.68	8.75	8.75	1.67		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)	
S246	6.05	3.91	3.95	3.95	4	5.94	3.91	3.96	3.96	4.03	8.46	8.46	2.41		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S247	5.15	1.54	1.65	1.65	2.03	5.94	1.54	1.69	1.69	2.28	8.46	8.46	3.31		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S248	4.91	1.6	1.69	1.69	1.85	5.89	1.6	1.7	1.7	2.2	8.4	8.4	3.49		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S249	5.18	1.1	1.22	1.22	1.85	5.89	1.1	1.26	1.3	2.2	8.4	8.4	3.22		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S250(A)	4.06	0.49	0.51	0.67	1.81	5.72	0.49	0.84	1.1	2.17	8.12	8.12	4.06		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
S250(B)	4.43	-0.35	0.47	0.67	1.8	5.68	-0.35	0.84	1.09	2.17	8.06	8.06	3.63		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
S253(A)	14.56	9.37	9.46	9.46	9.52	9.8	9.37	9.47	9.48	9.57	9.93	9.93	0			
S253(B)	14.52	6.5	6.59	6.6	6.68	7	6.5	6.61	6.61	6.74	7.51	7.51	0			
S255	15	7	7.08	7.08	7.16	7.41	7	7.09	7.09	7.21	7.56	7.56	0			
S256	15	7	7.07	7.07	7.15	7.41	7	7.07	7.08	7.2	7.56	7.56	0			
S283	6	4	4.09	4.1	4.14	4.33	4	4.11	4.11	4.17	4.78	4.78	0			
S287	5.21	2.59	2.62	2.62	2.64	4.09	2.59	2.63	2.63	2.73	4.76	4.76	0			
S295	4.1	2.27	2.29	2.28	2.47	4.04	2.27	2.3	2.3	2.6	4.72	4.72	0.62		Upstream Discharge Point Scipio Creek Marina Discharge Point (See Sheet C4)	
S298(A)	8.05	2.56	2.56	2.56	2.56	4.69	2.56	2.56	2.56	2.56	6.39	6.39	0			
S30	12.06	8.45	8.56	8.57	8.7	9.15	8.45	8.58	8.59	8.78	9.34	9.34	0			
S319	10	-0.61	0.46	0.66	1.78	5.36	-0.61	0.83	1.08	2.14	7.5	7.5	0			
S32	13	9.82	9.91	9.91	10	10.25	9.82	9.92	9.92	10.03	10.39	10.39	0			
S322	4.5	-0.61	0.46	0.66	1.79	5.55	-0.61	0.84	1.09	2.16	7.83	7.83	3.33		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
S323	7.31	-0.4	0.46	0.67	1.79	5.6	-0.4	0.84	1.09	2.16	7.92	7.92	0.61		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
S324	3.74	-0.36	0.46	0.67	1.8	5.67	-0.36	0.84	1.09	2.16	8.03	8.03	4.29		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
S327	5.43	2.93	3.03	3.06	3.21	5.78	2.93	3.09	3.11	3.31	8.24	8.24	2.81		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S328	7.88	5.25	5.3	5.3	5.35	5.78	5.25	5.31	5.31	5.39	8.22	8.22	0.34		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S329	5.45	0.5	1.33	1.33	1.39	1.64	0.5	1.35	1.35	1.43	1.78	1.78	0			
S33	14.52	12.25	12.32	12.32	12.42	12.62	12.25	12.33	12.33	12.46	13.81	13.81	0			
S34	13	8.76	8.81	8.81	8.88	9.18	8.76	8.82	8.83	8.91	9.36	9.36	0			
S342	4.19	0.73	0.73	0.73	0.73	0.81	0.73	0.73	0.73	0.73	0.74	0.96	0.96	0		
S344	3.39	0.73	0.73	0.73	0.74	0.82	0.73	0.73	0.73	0.74	0.96	0.96	0			
S345	3.14	0.73	0.74	0.74	0.74	0.84	0.73	0.74	0.74	0.74	1	1	0			
S346	3.28	0.73	0.74	0.74	0.75	0.76	1.21	0.73	0.75	0.75	0.77	1.51	1.51	0		
S347	3.5	0.73	0.75	0.75	0.76	1.23	0.73	0.75	0.75	0.77	1.53	1.53	0			
S348	4.69	2.2	2.23	2.23	2.25	2.33	2.2	2.23	2.23	2.26	2.36	2.36	0			
S349	3.56	0.73	0.74	0.74	0.75	1.21	0.73	0.75	0.75	0.77	1.47	1.47	0			
S354 UNKNOWN	3	1.52	1.72	1.72	1.81	2.22	1.52	1.75	1.75	1.87	2.59	2.59	0			
S355	4.95	1.09	1.72	1.72	1.82	2.22	1.09	1.75	1.75	1.87	2.58	2.58	0			
S356	4.89	1	1.72	1.72	1.82	2.22	1	1.75	1.75	1.87	2.58	2.58	0			
S357 UNKNOWN	3	1.41	1.41	1.41	1.41	1.65	1.41	1.41	1.41	1.45	1.73	1.73	0			
S358	5.33	1.21	1.31	1.31	1.4	1.65	1.21	1.33	1.34	1.46	1.74	1.74	0			
S359	5.76	2.61	2.61	2.61	2.61	2.82	2.61	2.61	2.61	2.61	2.96	2.96	0			
S36	15.61	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	0			
S36 UNKNOWN CO	14	12	12.05	12.06	12.25	12.67	12	12.07	12.08	12.33	12.83	12.83	0			
S360(A)	6.69	4.03	4.74	4.75	4.83	5.08	4.03	4.77	4.77	4.87	5.19	5.19	0			
S360(B)	7	4.75	4.75	4.75	4.83	5.08	4.75	4.76	4.77	4.87	5.19	5.19	0			
S361	5.79	2.68	2.74	2.75	2.79	3.01	2.68	2.75	2.76	2.84	3.09	3.09	0			
S361(B)	7	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	0			
S362	6.16	1.63	1.78	1.78	1.87	2.41	1.63	1.8	1.8	1.92	3.19	3.19	0			
S363	4.74	-0.74	0.9	0.91	1.23	2.75	-0.74	0.97	0.97	1.44	3.53	3.53	0			
S364	5.57	3.36	3.42	3.42	3.46	3.55	3.36	3.43	3.43	3.47	3.6	3.6	0			
S366	4.56	1.46	1.65	1.65	1.7	1.88	1.46	1.66	1.66	1.73	2.08	2.08	0			
S367	4.58	1.25	1.32	1.32	1.38	2.76	1.25	1.33	1.34	1.46	3.55	3.55	0			
S368	4.68	0.68	0.9	0.91	1.23	2.75	0.68	0.97	0.97	1.44	3.53	3.53	0			
S369	4.16	1.38	1.48	1.48	1.52	1.66	1.38	1.49	1.49	1.55	2.07	2.07	0			
S372	5.38	1.52	1.86	1.86	1.9	2.04	1.52	1.87	1.87	1.92	2.1	2.1	0			
S373	8.09	5.7	6.39	6.4	6.51	7.13	5.7	6.43	6.43	6.61	8.57	8.57	0.48		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S374	9.99	5.7	6.39	6.4	6.52	7.13	5.7	6.43	6.43	6.61	8.58	8.58	0			
S375	8.6	5.35	6.38	6.4	6.51	7.12	5.35	6.42	6.43	6.6	8.57	8.57	0			
S376	8.57	5.31	5.4	5.42	5.52	5.99	5.31	5.44	5.44	5.59	8.48	8.48	0			
S377	8.02	5.01	5.17	5.18	5.27	5.89	5.01	5.2	5.21	5.35	8.41	8.41	0.39		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S378	6.59	4.7	5.04	5.05	5.09	5.83	4.7	5.06	5.06	5.17	8.31	8.31	1.72		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S379	8.48	5.4	5.61	5.62	5.72	6.19	5.4	5.65	5.65	5.8	8.5	8.5	0.02		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S380	10.15	6.72	6.76	6.76	6.78	6.86	6.72	6.76	6.76	6.79	8.52	8.52	0			
S381	6.58	4.33	5.04	5.04	5.07	5.8	4.33	5.05	5.05	5.1	8.26	8.26	1.68		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S382	11	8.25	8.33	8.33	8.37	8.53	8.25	8.34	8.34	8.4	10.02	10.02	0			
S384	11.15	8	8.08	8.08	8.13	8.33	8	8.1	8.1	8.17	10.02	10.02	0			
S385	8.18	6.21	6.39	6.4	6.52	7.13	6.21	6.43	6.43	6.61	8.58	8.58	0.4		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
S387	8.67	0.75	0.92	0.92	1.24	2.8	0.75	0.98	0.98	1.44	3.63	3.63	0			
S388	8.31	0.75	0.91	0.91	1.23	2.78	0.75	0.97	0.98	1.44	3.59	3.59	0			
S389	5.23	2.02	2.06	2.06	2.14	3.43	2.02	2.07	2.07	2.18	4.2	4.2	0			
S390	6.28	0.75	0.92	0.92	1.24	2.79	0.75	0.98	0.98	1.44	3.6	3.6	0			
S391	6.2	2.88	2.96	2.96	3	3.81	2.88	2.97	2.97	3.02	4.54	4.54	0			
S392	10.07	6.86	6.86	6.86	6.9	7.07	6.86	6.87	6.87	6.93	7.14	7.14	0			

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR					100 YEAR					Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR			
S393	12	9	9.07	9.07	9.18	17.07	9	9.08	9.08	9.92	23.87	23.87	11.87	Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C5)
S394	10.49	7.04	7.63	7.63	7.7	7.98	7.04	7.65	7.65	7.76	8.09	8.09	0	
S395	10.04	7.5	7.56	7.56	7.61	8.28	7.5	7.57	7.57	7.65	10.11	10.11	0.07	Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C5)
S396	12.01	8	8.07	8.07	9.17	17.07	8	8.08	8.08	9.92	23.87	23.87	11.86	Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C5)
S397	12.24	8.75	8.83	8.83	8.9	9.12	8.75	8.85	8.85	8.94	9.21	9.21	0	
S398	9.18	5.83	6.23	6.23	6.33	6.68	5.83	6.26	6.26	6.39	6.82	6.82	0	
S399	6.83	3.39	3.46	3.46	3.58	3.87	3.39	3.47	3.47	3.63	4.59	4.59	0	
S400	9.53	5.13	5.49	5.49	5.54	5.64	5.13	5.5	5.5	5.56	5.69	5.69	0	
S401	9.07	6.13	6.21	6.21	6.29	6.46	6.13	6.22	6.23	6.32	6.53	6.53	0	
S402	8.78	5.79	5.83	5.83	5.87	6	5.79	5.84	5.84	5.89	6.05	6.05	0	
S403	6.95	4.75	4.78	4.78	4.81	4.99	4.75	4.78	4.78	4.83	5.08	5.08	0	
S404	6.35	3.79	4.74	4.75	4.83	5.06	3.79	4.77	4.77	4.87	5.16	5.16	0	
S406	6.69	4.8	4.87	4.87	4.95	5.23	4.8	4.88	4.88	5	5.34	5.34	0	
S407	11.94	8.43	8.9	8.9	8.96	9.12	8.43	8.92	8.92	8.99	9.2	9.2	0	
S408	12.62	9.83	10.06	10.06	10.14	10.35	9.83	10.08	10.09	10.18	10.45	10.45	0	
S409	11.59	8.67	8.75	8.75	8.81	9.04	8.67	8.77	8.77	8.85	9.13	9.13	0	
S410	11.76	8.84	8.91	8.92	8.95	9.04	8.84	8.93	8.93	8.97	9.08	9.08	0	
S411	10	6.75	6.85	6.85	6.96	8.34	6.75	6.86	6.86	7.01	10.25	10.25	0.25	Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C6)
S412	11.03	5.77	5.91	5.91	6.17	8.15	5.77	5.94	5.95	6.34	9.8	9.8	0	
S413	11.31	6	6.16	6.16	6.26	8.15	6	6.18	6.19	6.37	9.81	9.81	0	
S413(CURB)	11.74	7	7.36	7.33	9.17	17.06	7	7.68	7.58	9.92	23.87	23.87	12.13	Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C5)
S414(A)	10.57	7	7.11	7.11	7.19	8.27	7	7.12	7.13	7.26	10.09	10.09	0	
S414(B)	10.63	7	7.09	7.09	7.17	8.27	7	7.1	7.11	7.24	10.09	10.09	0	
S415	10.04	6.5	6.63	6.63	6.71	8.2	6.5	6.65	6.65	6.76	9.92	9.92	0	
S416	11.31	6	6.17	6.18	6.27	8.16	6	6.2	6.2	6.38	9.82	9.82	0	
S420	10.47	6.67	6.73	6.74	6.77	6.89	6.67	6.74	6.75	6.79	6.95	6.95	0	
S421	10.73	6.41	6.5	6.5	6.54	6.73	6.41	6.51	6.51	6.57	6.82	6.82	0	
S422	7.48	3.42	3.52	3.52	3.57	4.08	3.42	3.53	3.53	3.61	4.92	4.92	0	
S423	7.63	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	0	
S425	10.62	3	3	3	3	3.6	3	3	3	3	4.36	4.36	0	
S426	7.24	2.14	2.23	2.23	2.3	2.54	2.14	2.25	2.25	2.34	2.66	2.66	0	
S427	7.68	3.27	3.3	3.3	3.34	3.5	3.27	3.31	3.31	3.36	3.56	3.56	0	
S429	4.74	0.73	0.75	0.75	0.82	1.95	0.73	0.76	0.76	0.92	2.58	2.58	0	
S429(B)	6.6	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	0	
S430	5.43	0.73	0.75	0.75	0.82	1.98	0.73	0.76	0.76	0.92	2.62	2.62	0	
S431	4	2.5	2.67	2.67	2.78	3.3	2.5	2.69	2.7	2.87	3.53	3.53	0	
S433	3.22	0.73	0.74	0.74	0.76	1.15	0.73	0.74	0.74	0.79	1.6	1.6	0	
S433(B)	6.83	1.48	1.56	1.56	1.59	1.9	1.48	1.57	1.57	1.61	2.01	2.01	0	
S436	0.98	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.74	0.74	0	
S441	4.78	1.07	1.12	1.12	1.15	1.33	1.07	1.13	1.13	1.17	1.83	1.83	0	
S442	7.59	0.93	0.97	0.97	1.08	1.47	0.93	0.99	0.99	1.16	1.86	1.86	0	
S444	13.85	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	0	
S444(CURB)	12	10.33	10.44	10.44	10.49	10.61	10.33	10.45	10.45	10.52	10.66	10.66	0	
S445	11.76	8.84	8.92	8.92	8.97	9.17	8.84	8.93	8.93	9.01	9.26	9.26	0	
S448	6.91	0.73	0.75	0.75	0.81	1.92	0.73	0.76	0.76	0.91	2.53	2.53	0	
S449	8.79	4.88	4.94	4.94	4.97	5.27	4.88	4.95	4.95	4.99	5.38	5.38	0	
S453	11.31	6	6.16	6.16	6.27	8.17	6	6.19	6.19	6.38	9.84	9.84	0	
S457	11.76	8.84	8.88	8.88	8.9	8.96	8.84	8.89	8.89	8.91	8.98	8.98	0	
S458(CURB)	11.78	10.11	10.44	10.44	10.49	10.62	10.11	10.46	10.46	10.52	10.67	10.67	0	
S459	8.5	7.3	7.41	7.41	7.51	7.79	7.3	7.43	7.43	7.57	7.89	7.89	0	
S460	8.65	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.61	7.61	0	
S461	4.14	1.88	1.95	1.95	2	2.13	1.88	1.96	1.97	2.03	2.18	2.18	0	
S462	7.9	5.5	5.56	5.56	5.61	5.73	5.5	5.57	5.57	5.64	5.79	5.79	0	
S463	7.3	5.26	5.35	5.35	5.46	5.7	5.26	5.36	5.36	5.51	5.78	5.78	0	
S464	11.25	8.21	8.27	8.27	8.3	8.39	8.21	8.28	8.28	8.32	8.43	8.43	0	
S465	4.23	1.88	1.95	1.95	1.99	2.12	1.88	1.96	1.96	2.01	2.17	2.17	0	
S469	5.9	2.5	2.53	2.53	2.57	2.76	2.5	2.54	2.54	2.61	2.83	2.83	0	
S470	7.5	4.79	4.85	4.85	4.87	4.94	4.79	4.86	4.86	4.89	4.96	4.96	0	
S472	16	11.29	11.37	11.38	11.42	12.11	11.29	11.39	11.39	11.53	12.38	12.38	0	
S481	16.53	14.53	14.59	14.59	14.71	15.16	14.53	14.61	14.61	14.79	15.34	15.34	0	
S483	15	10	11.28	11.28	11.67	12.74	10	11.32	11.33	11.87	13.2	13.2	0	
S486	16	14.58	14.64	14.64	14.72	15.17	14.58	14.64	14.65	14.8	15.34	15.34	0	
S487	16.55	14.53	14.68	14.68	14.89	15.37	14.53	14.71	14.71	14.99	15.55	15.55	0	
S489	15	13.33	13.42	13.42	13.56	13.96	13.33	13.44	13.44	13.63	14.11	14.11	0	
S489(B)	15	13.33	13.44	13.44	13.57	13.98	13.33	13.45	13.45	13.64	14.13	14.13	0	
S49	11.75	7.53	7.67	7.67	7.84	8.41	7.53	7.69	7.7	7.93	8.81	8.81	0	
S490	10.97	7.5	7.63	7.63	7.7	8.23	7.5	7.64	7.65	7.74	10.01	10.01	0	
S490(B)	10.97	7.2	7.31	7.31	7.38	8.22	7.2	7.33	7.33	7.42	9.96	9.96	0	
S491	5.71	0.73	0.75	0.75	0.78	1.32	0.73	0.75	0.75	0.84	1.83	1.83	0	
S492(A)	13.85	8.02	8.02	8.02	8.02	8.15	8.02	8.02	8.02	8.04	8.21	8.21	0	
S492(B)	9.36	6.82	6.82	6.82	6.84	6.94	6.82	6.82	6.82	6.86	6.98	6.98	0	

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

Node Name	Warning Stage [ft]	25 YEAR					100 YEAR					Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR			
S493	4.79	2	2.04	2.04	2.06	4.69	2	2.04	2.05	2.07	6.4	6.4	1.61	Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, Pipe underwater, MHWL Set at 0.73'
S494	15	12.75	12.81	12.82	12.85	12.96	12.75	12.82	12.83	12.87	14.27	14.27	0	
S495	16	11	11.14	11.14	11.38	12.11	11	11.16	11.17	11.52	12.38	12.38	0	
S50	13	9.56	9.66	9.66	9.79	10.18	9.56	9.68	9.68	9.86	10.34	10.34	0	
S505	12	7	7.25	7.26	7.6	8.76	7	7.3	7.31	7.8	9.2	9.2	0	
S517	9	5	5.3	5.3	5.52	8.85	5	5.34	5.35	5.66	11.96	11.96	2.96	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S518	9	5.5	5.56	5.56	5.61	8.85	5.5	5.57	5.57	5.68	11.96	11.96	2.96	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S519	9	5	5.17	5.18	5.32	8.45	5	5.2	5.2	5.4	11.41	11.41	2.41	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8)
S521	6.68	2.38	2.38	2.38	2.38	2.93	2.38	2.38	2.38	2.38	3.39	3.39	0	
S525	12.09	8	8.18	8.19	8.35	8.91	8	8.21	8.21	8.44	9.15	9.15	0	
S526	13.8	8.5	8.54	8.54	8.59	8.95	8.5	8.55	8.55	8.63	9.18	9.18	0	
S527	14.3	8.5	8.57	8.57	8.64	8.97	8.5	8.58	8.58	8.68	9.18	9.18	0	
S528	13.13	7.89	8.17	8.17	8.33	8.89	7.89	8.2	8.2	8.43	9.12	9.12	0	
S53	16.63	12.5	12.55	12.55	12.58	13.02	12.5	12.55	12.55	12.6	13.16	13.16	0	
S530	8.8	5.7	5.78	5.78	5.83	6.21	5.7	5.79	5.79	5.88	8.52	8.52	0	
S56	15	12.75	12.8	12.8	12.83	12.97	12.75	12.81	12.81	12.86	14.27	14.27	0	
S58	14	11.25	11.35	11.36	11.48	12.78	11.25	11.37	11.37	11.55	14.72	14.72	0.72	Upstream of Discharge Point Intersection of 16th St and Ave B (See Sheet C13)
S59	14.99	11	11.19	11.2	11.38	12.78	11	11.22	11.22	11.48	14.69	14.69	0	
S60	14	11.25	11.37	11.38	11.52	12.79	11.25	11.39	11.39	11.6	14.73	14.73	0.73	Upstream of Discharge Point Intersection of 16th St and Ave B (See Sheet C13)
S60(B)	14.96	11	11.19	11.2	11.38	12.78	11	11.22	11.22	11.48	14.69	14.69	0	
S62	14	11.25	11.39	11.39	11.56	12.8	11.25	11.41	11.41	11.64	14.75	14.75	0.75	Upstream of Discharge Point Intersection of 16th St and Ave B (See Sheet C13)
S67	16	14	14.11	14.11	14.17	14.4	14	14.12	14.13	14.21	14.74	14.74	0	
S7	15.13	12.75	12.81	12.81	12.84	12.93	12.75	12.82	12.82	12.86	14.27	14.27	0	
S75	16.57	11.5	11.56	11.57	11.79	12.98	11.5	11.58	11.59	11.9	13.78	13.78	0	
S76	14.83	11	11.27	11.27	11.66	12.72	11	11.32	11.32	11.86	13.18	13.18	0	
S78	13.98	9.5	9.63	9.63	9.86	10.65	9.5	9.66	9.66	10	11.71	11.71	0	
S79	13.03	8.5	8.78	8.79	9.16	10.52	8.5	8.83	8.83	9.38	11.69	11.69	0	
S80	13.91	8.5	8.74	8.74	9.09	10.47	8.5	8.78	8.78	9.3	11.62	11.62	0	
S81(A)	16.63	13	13	13	13.49	13	13	13	13	13.61	13.61	0		
S81(B)	15.04	12	12.56	12.56	12.6	12.76	12	12.57	12.57	12.63	12.9	12.9	0	
S85	15.04	12	12.11	12.11	12.18	12.69	12	12.12	12.12	12.21	12.86	12.86	0	
S86	13	9.54	9.63	9.63	9.74	10.03	9.54	9.64	9.64	9.79	10.15	10.15	0	
S87	11.75	7.33	7.5	7.51	7.71	8.35	7.33	7.53	7.53	7.82	8.74	8.74	0	
S89	13.95	6.38	6.56	6.57	6.79	7.45	6.38	6.59	6.6	6.9	7.76	7.76	0	
S9	15	11	11.22	11.22	11.47	12.79	11	11.25	11.25	11.57	14.72	14.72	0	
S92	13	9.5	9.56	9.56	9.65	9.86	9.5	9.57	9.57	9.69	9.95	9.95	0	
S94	13	10	10.09	10.1	10.16	10.47	10	10.11	10.11	10.21	10.61	10.61	0	
S95	13.5	10	10.07	10.08	10.15	10.47	10	10.09	10.09	10.2	10.6	10.6	0	
S98	13.66	2.46	2.78	2.78	3.11	4.2	2.46	2.83	2.83	3.29	4.72	4.72	0	
S99	12.1	9.75	9.86	9.86	9.97	10.36	9.75	9.88	9.88	10.03	10.54	10.54	0	
STAGE AREA 126	16.03	14	14.13	14.15	14.75	14.93	14	14.17	14.19	14.91	14.94	14.94	0	
STAGE AREA 164	10	8	8.07	8.08	8.34	8.96	8	8.08	8.09	8.46	12.12	12.12	2.12	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8), Lidar Identified Depressed Area
Stage Area 166	17	16	16	16.01	16.02	16.03	16	16.01	16.01	16.02	16.03	16.03	0	
STAGE AREA 172	11.04	7	7.54	7.57	8.13	10.83	7	7.61	7.64	8.37	11.11	11.11	0.07	Upstream of Discharge Point Intersection of 12th St and Bay Ave (See Sheet C12), Lidar Identified Depressed Area
STAGE AREA 178	11.62	11	11.02	11.02	11.07	11.11	11	11.02	11.02	11.03	11.09	11.09	0	
STAGE AREA 187	17	16	16.01	16.01	16.01	16.03	16	16.01	16.01	16.02	16.04	16.04	0	
STAGE AREA 221	17.69	15	15.09	15.1	15.44	16.55	15	15.12	15.13	15.61	16.58	16.58	0	
STAGE AREA 237	10.03	9	9.02	9.02	9.05	9.14	9	9.02	9.02	9.07	10.76	10.76	0.73	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C8), Lidar Identified Depressed Area
STAGE AREA 242	6.9	5	5	5	5.73	5	5	5	5	8.14	8.14	1.24	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Lidar Identified Depressed Area	
STAGE AREA 250	7	5	5.01	5.01	5.04	5.72	5	5.01	5.01	5.05	8.12	8.12	1.12	Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Lidar Identified Depressed Area
STAGE AREA 263	15.73	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	0		
STAGE AREA 268	5.78	3	3.17	3.17	3.33	4.09	3	3.2	3.2	3.41	4.73	4.73	0	
STAGE AREA 273	6.16	4	4	4	4	4.13	4	4	4	4.77	4.77	0		
STAGE AREA 277	4.03	3	3	3	3	3.51	3	3	3	3.52	3.52	0		
STAGE AREA 285	5	3	3	3	3	4.09	3	3	3	4.76	4.76	0		
STAGE AREA 296	4	2.27	2.29	2.27	2.46	4.04	2.27	2.3	2.29	2.59	4.69	4.69	0.69	Discharge Point Scipio Creek Marina Discharge Point (See Sheet C3), Tidal Influenced, MHWL Set at 0.73'
STAGE AREA 297	4.54	4	4.03	4.03	4.2	4.71	4	4.04	4.05	4.32	6.4	6.4	1.86	Existing Pond Area, Possible Design for only 25 year-24 hr Storm Event, Discharges to Scipio Creek Marina Discharge Syst. (See Sheet C4)
STAGE AREA 298	5	1	1	1	1.7	4.69	1	1.07	1.99	6.39	6.39	1.39	Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, MHWL Set at 0.73'	
STAGE AREA 301	5	3	3	3	3.04	4.69	3	3	3.06	6.39	6.39	1.39	Existing Pond Area, Possible Design for only 25 year-24 hr Storm Event, Discharges to Scipio Creek Marina Discharge Syst. (See Sheet C4)	
STAGE AREA 317	5.26	2	2	2	2	4.7	2	2	2	6.41	6.41	1.15	Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, MHWL Set at 0.73'	
STAGE AREA 318	7.17	5	5.06	5.07	5.44	6.98	5	5.08	5.09	5.67	7	7	0	
STAGE AREA 370	4.02	3	3.08	3.09	3.37	3.96	3	3.1	3.12	3.55	3.97	3.97	0	
STAGE AREA 439	4	3	3.02	3.02	3.03	3.04	3	3.02	3.02	3.03	3.04	3.04	0	
STAGE AREA 446	11	10	10.02	10.02	10.11	10.47	10	10.02	10.03	10.18	10.49	10.49	0	
STAGE AREA 520	9.31	7	7.15	7.17	7.5	8.03	7	7.19	7.21	7.66	8.04	8.04	0	
STAGE AREA 57	15	14	14.26	14.29	14.7	15	14	14.31	14.34	14.83	15	15	0	
STAGE AREA 70	15.13	14	14.18	14.2	14.63	15.03	14	14.22	14.24	14.77	15.04	15.04	0	
STAGE AREA 71	15	14	14.06	14.06	14.1	14.26	14	14.07	14.07	14.13	14.73	14.73	0	
SWALE 173	11.23	6	6.03	6.03	6.05	6.1	6	6.03	6.03	6.06	6.12	6.12	0	
SWALE 191 ENTRY	10.98	10.72	10.75	10.75	10.77	10.84	10.72	10.75	10.75	10.78	10.87	10.87	0	
SWALE 498 ENTRY	14.27	14	14.02	14.02	14.02	14.03	14	14.02	14.02	14.02	14.04	14.04	0	

Apalachicola Drainage Basin Analysis
Dewberry Job #50182701
01/3/2026

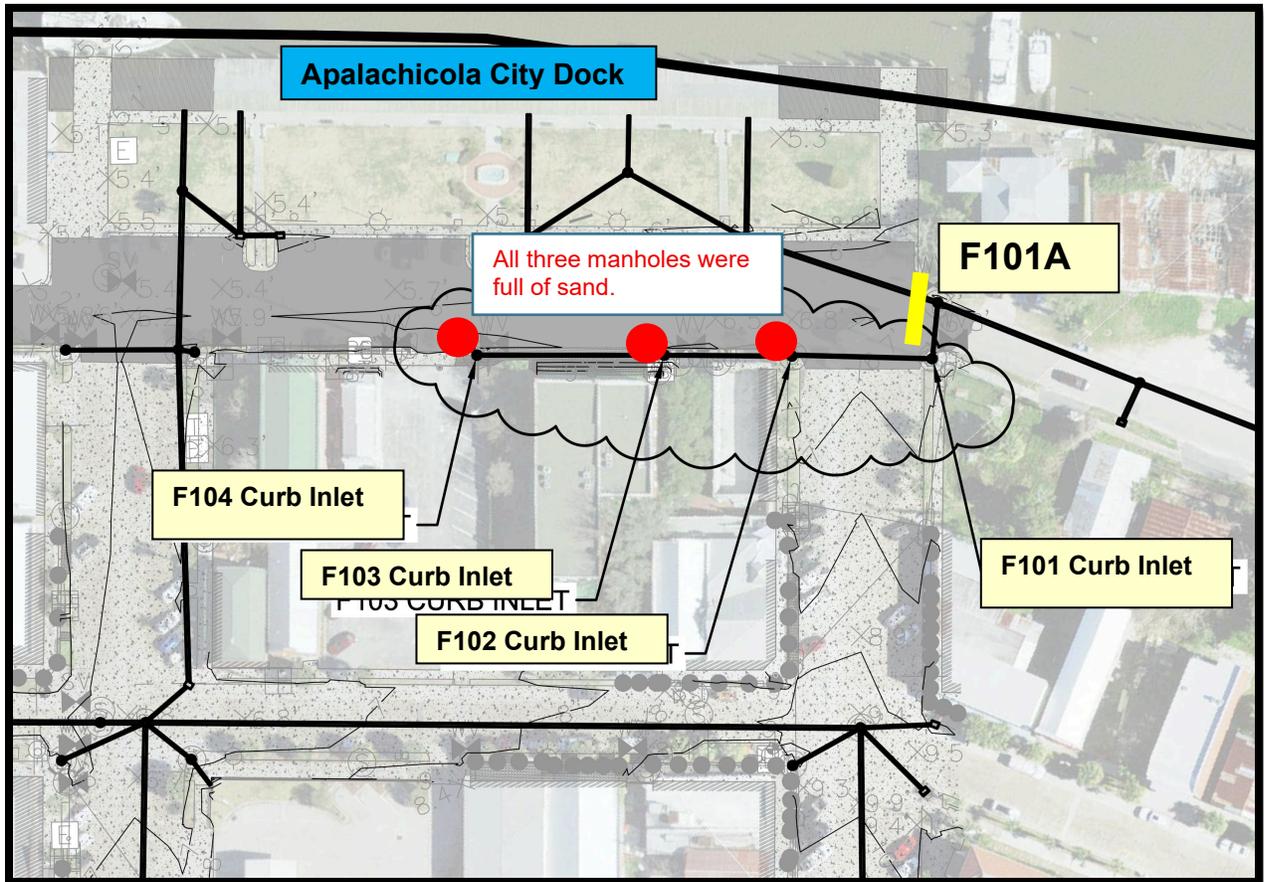
Node Name	Warning Stage [ft]	25 YEAR						100 YEAR						Max Stg	Surcharge	Comments: All comments refer to Stormwise Identified Surcharge Exhibit
		1 HR	2 HR	4 HR	8 HR	24 HR	1 HR	2 HR	4 HR	8 HR	24 HR					
SWALE 500 ENTRY	15.1	15	15.01	15.01	15.02	15.02	15	15.01	15.01	15.02	15.03	15.03	0			
SWALE 501 ENTRY	15.98	15.93	15.95	15.95	15.98	16.01	15.93	15.96	15.96	15.99	16.03	16.03	0.05		Upstream Overland Flow, Not significant Size Swale (See Sheet c9)	
SWALE 88	13.59	13.38	13.4	13.4	13.42	13.52	13.38	13.4	13.4	13.44	13.54	13.54	0			
SWALE DISCHARG	2.77	1.02	1.02	1.02	1.62	2.17	1.02	1.02	1.07	1.75	2.28	2.28	0			
SWALE END 298	5.64	2	2.03	2.03	2.09	4.69	2	2.04	2.04	2.15	6.39	6.39	0.75		Discharge Point Intersection of Avenue I and Market St (See Sheet C4), Tidal Influenced, MHWL Set at 0.73'	
SWALE ENTRY 123	12.58	12.35	12.36	12.36	12.66	16.04	12.35	12.36	12.36	12.81	16.55	16.55	3.97		System at Intersection 11th St and Avenue B, with no Outfall Pipe	
SWALE ENTRY 233	18	17	17.02	17.02	17.11	17.38	17	17.04	17.04	17.16	17.49	17.49	0			
SWALE ENTRY 247	6.96	6	6.01	6.01	6.04	6.09	6	6.01	6.01	6.05	8.46	8.46	1.5		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
SWALE ENTRY 248	6.94	6	6.01	6.01	6.06	6.1	6	6.01	6.01	6.06	8.4	8.4	1.46		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C5)	
SWALE ENTRY 250	5.96	5	5.01	5.01	5.04	5.72	5	5.01	5.01	5.05	8.12	8.12	2.16		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
SWALE ENTRY 298	8.05	5.61	5.63	5.63	5.65	5.69	5.61	5.63	5.63	5.66	6.39	6.39	0			
SWALE ENTRY 321	4.27	4	4.08	4.08	4.14	5.55	4	4.09	4.09	4.17	7.84	7.84	3.57		Upstream of Discharge Point Intersection of Avenue I and Market St (See Sheet C4)	
SWALE ENTRY 426	12.72	12.46	12.47	12.47	12.48	12.52	12.46	12.48	12.48	12.49	12.53	12.53	0			
SWALE ENTRY 478	17.5	17.12	17.14	17.14	17.17	17.4	17.12	17.14	17.14	17.22	17.48	17.48	0			
SWALE ENTRY 66	14.99	14.17	14.21	14.21	14.28	14.85	14.17	14.22	14.22	14.39	15.06	15.06	0.07		Upstream of Discharge Point Intersection of 12th St and Bay Ave (See Sheet C12)	
SWALE STAGE AR	16.47	16	16.03	16.03	16.03	16.04	16	16.03	16.03	16.03	16.05	16.05	0			
TRSYS 491	5.55	0.73	0.74	0.74	0.77	1.19	0.73	0.75	0.75	0.81	1.76	1.76	0			
UNKNOWN BURIED	2.47	0.73	0.75	0.75	0.79	1.32	0.73	0.75	0.75	0.84	1.83	1.83	0			
UNKNOWN COLLE	2.83	0.89	1.01	1.01	1.14	1.61	0.89	1.03	1.03	1.24	1.91	1.91	0			
UNKNOWN CONNE	2.5	0.73	0.75	0.76	0.82	1.98	0.73	0.76	0.76	0.92	2.64	2.64	0.14		Upstream of Battery Park Boat Ramp Discharge Point (See Sheet C5)	
UNKNOWN CONNE	3.5	1.47	1.47	1.47	1.47	2.21	1.47	1.47	1.47	1.53	2.75	2.75	0			
UNKNOWN DIRECT	9.5	8.06	8.09	8.09	8.16	8.46	8.06	8.11	8.11	8.21	8.59	8.59	0			
UNKNOWN PIPE CO	9.75	8.25	8.43	8.43	8.57	9.05	8.25	8.45	8.45	8.65	9.29	9.29	0			
UNKNOWN PIPE DI	12.5	11	11.22	11.22	11.47	12.79	11	11.26	11.26	11.57	14.72	14.72	2.22		Upstream of Discharge Point Intersection of 16th St and Ave B (See Sheet C6)	
UNKNOWN PIPE DI	8.43	7.43	7.49	7.49	7.52	7.65	7.43	7.5	7.5	7.55	7.7	7.7	0			
UNKNOWN PIPE DI	8.54	7.54	7.54	7.54	7.54	7.54	7.54	7.54	7.54	7.54	7.54	7.54	0			
UNKNOWN PIPE DI	8.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	0			

Attachment H

Videod Deficiencies

Video # 1

Project Street	Length Surveyed (FT)	Height	Pipe Use
Water Street F101-F101A	30'	12"	Sanitary Sewer

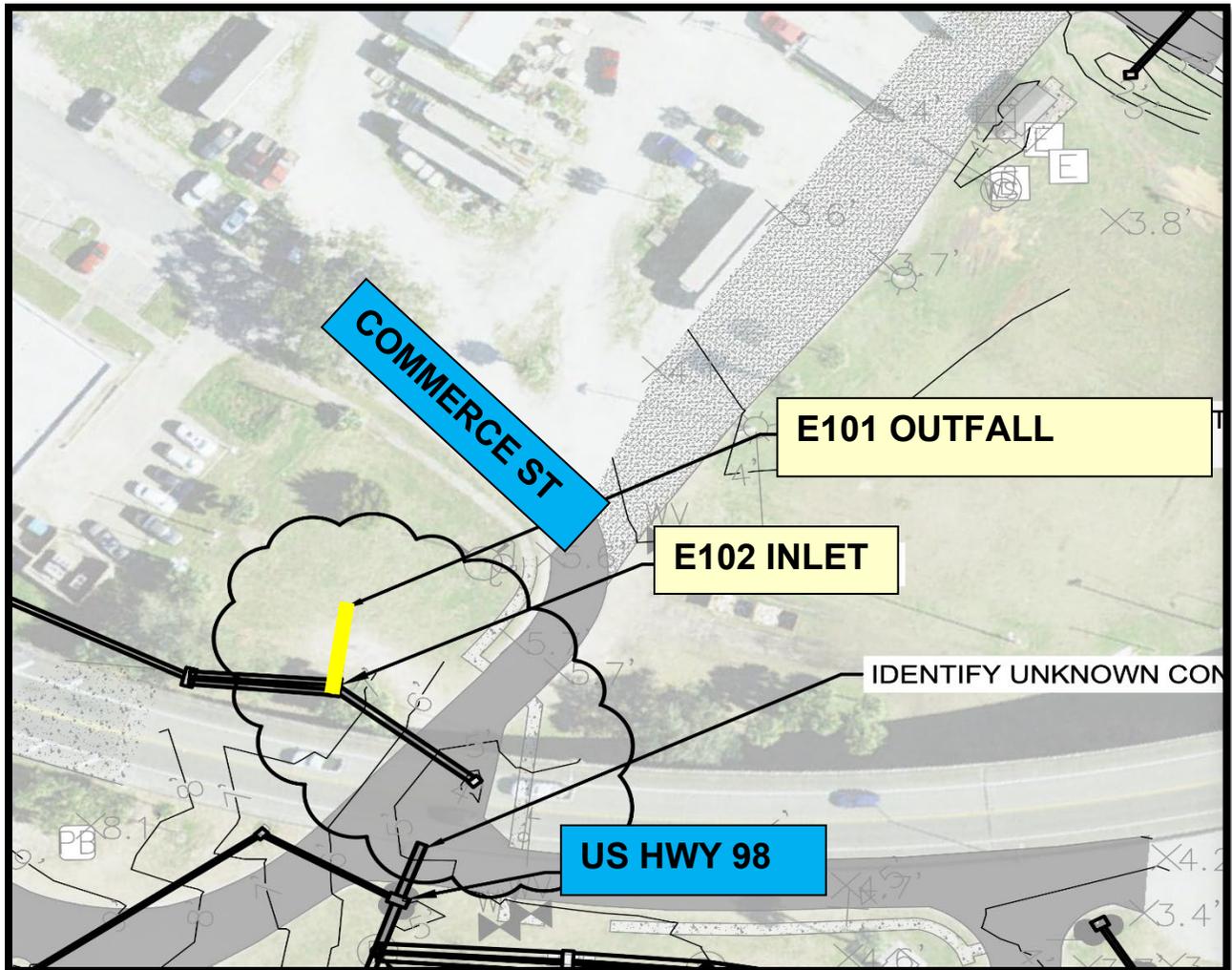


The pipe leads to a dead end, and manholes were filled with sand.

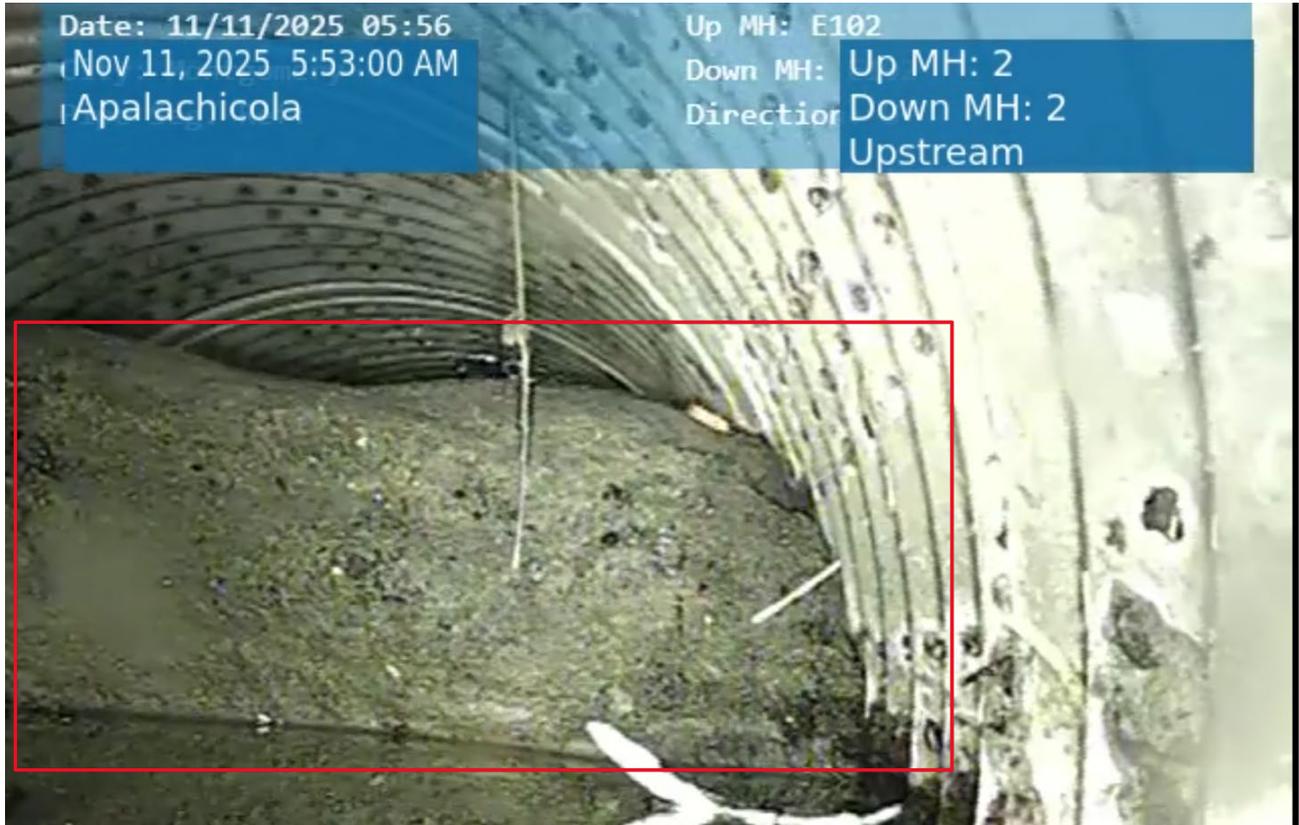


Video # 2

Project Street	Length Surveyed (FT)	Height	Pipe Use
Battery Park E102-E101	0.5'	24"	Sanitary Sewer

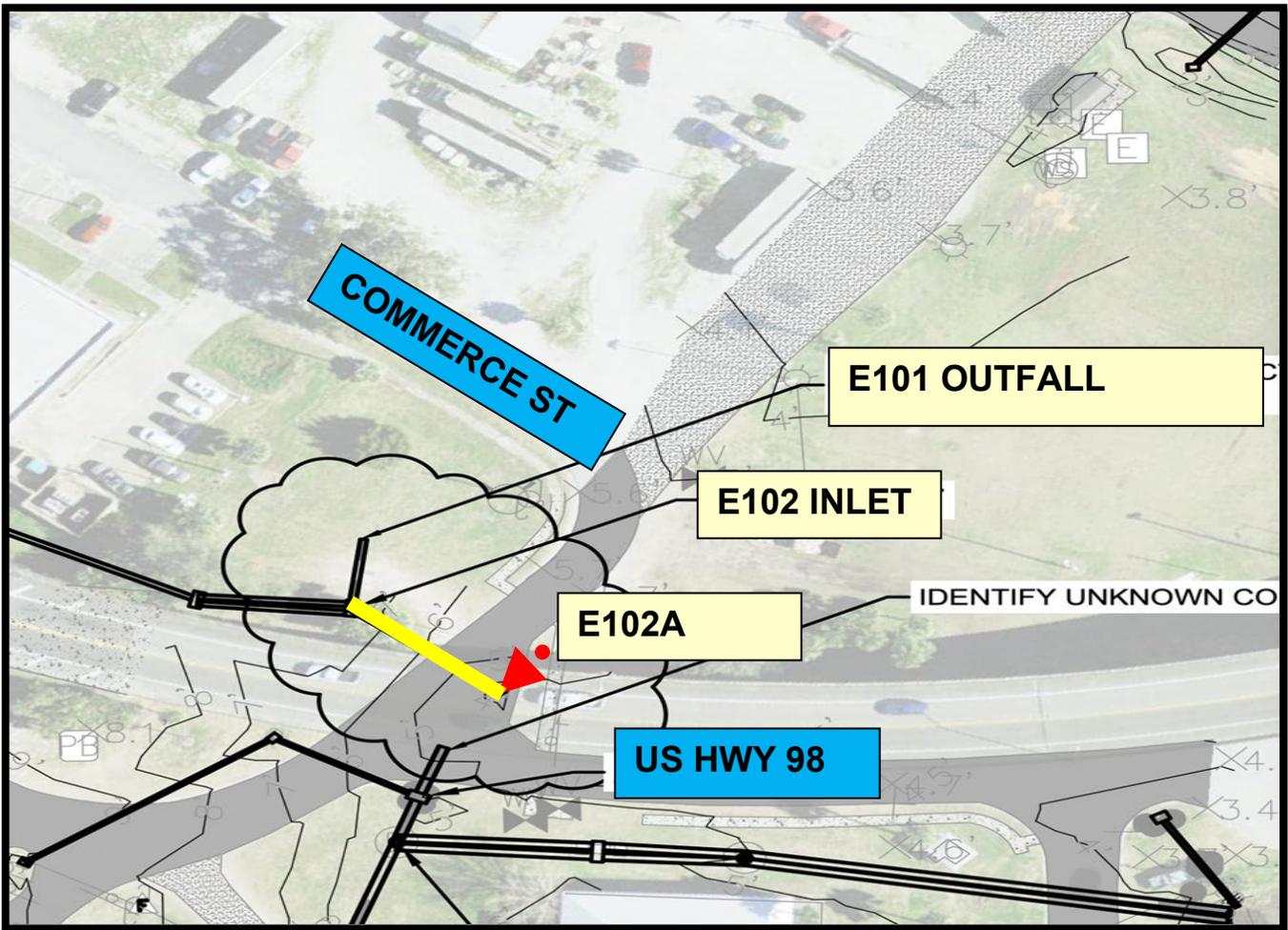


There are significant amounts of sand, debris, and standing water are visible, approximately 1 foot at entrance.



Video # 3

Project Street	Length Surveyed (FT)	Height	Pipe Use
Battery Park E102-E102A	45.2'	28"	Sanitary Sewer

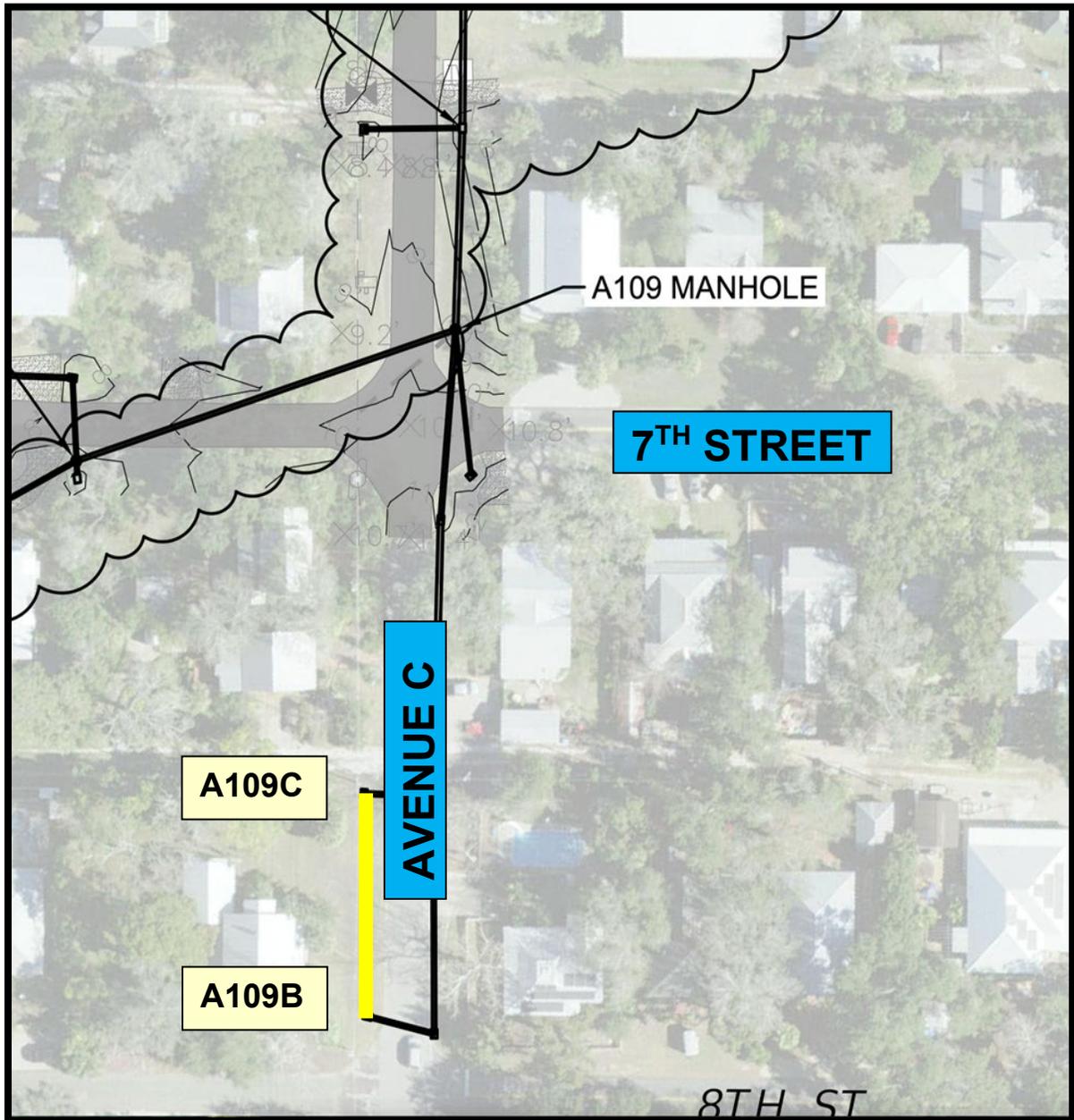


Piles of sand noted throughout the pipe. The survey car was unable to navigate past 45'.



Video # 4

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109B-A109C	104.7'	28"	Sanitary Sewer



There is a tap connection at approximately 91 feet.



There is a visible crack at 91.4 ft.

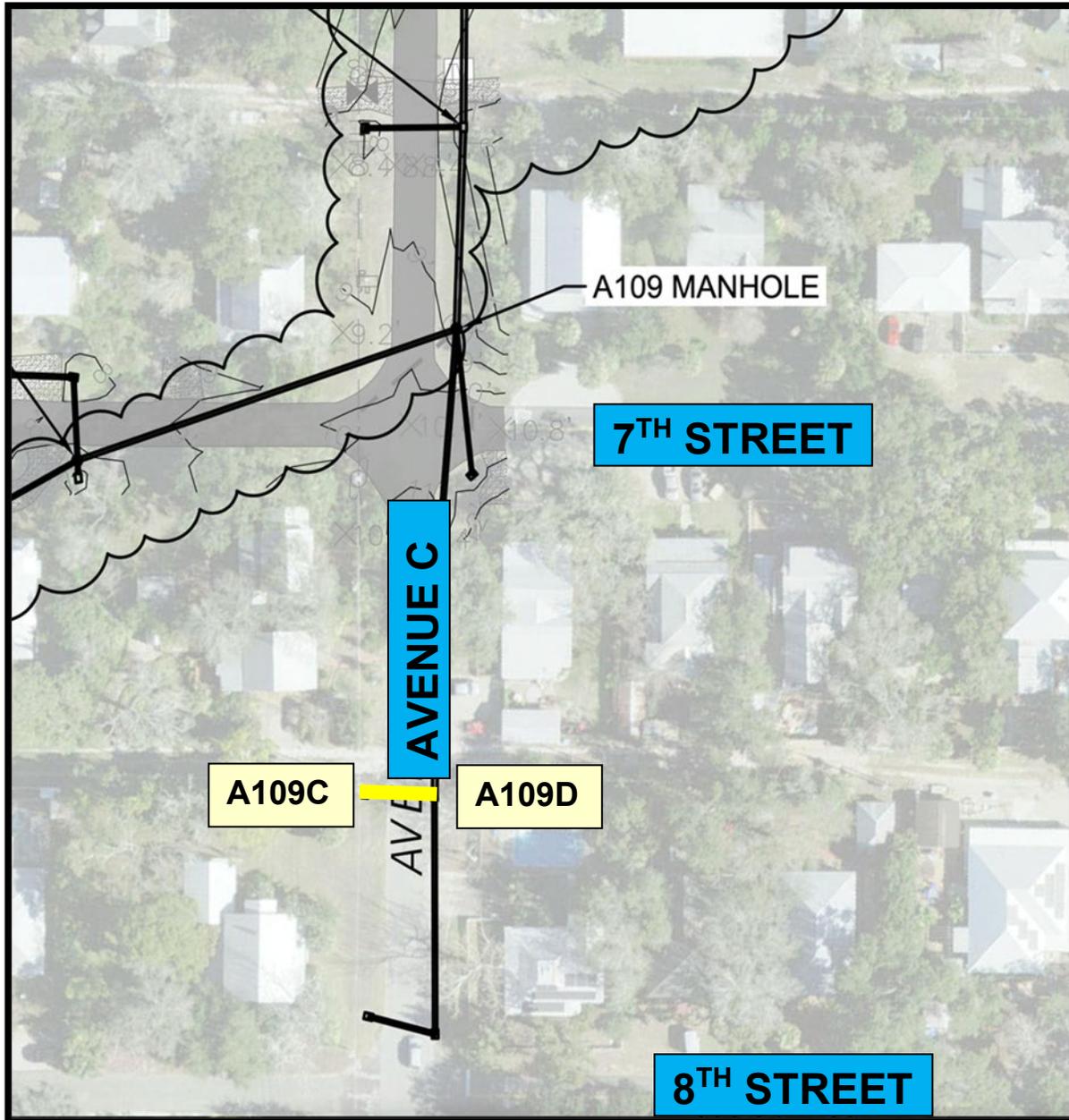


There is a diameter change at approximately 100.7 feet.

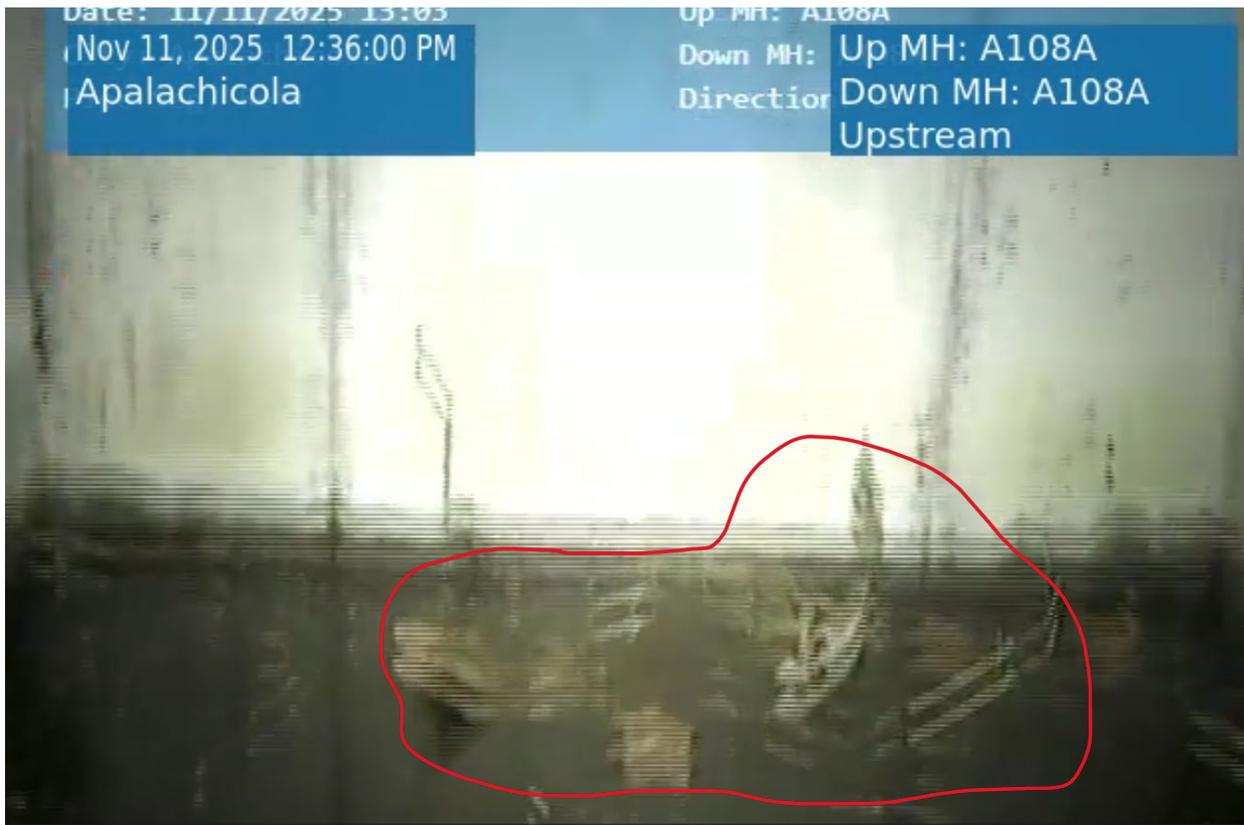


Video # 5

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109C-A109D	35.1'	28"	Sanitary Sewer



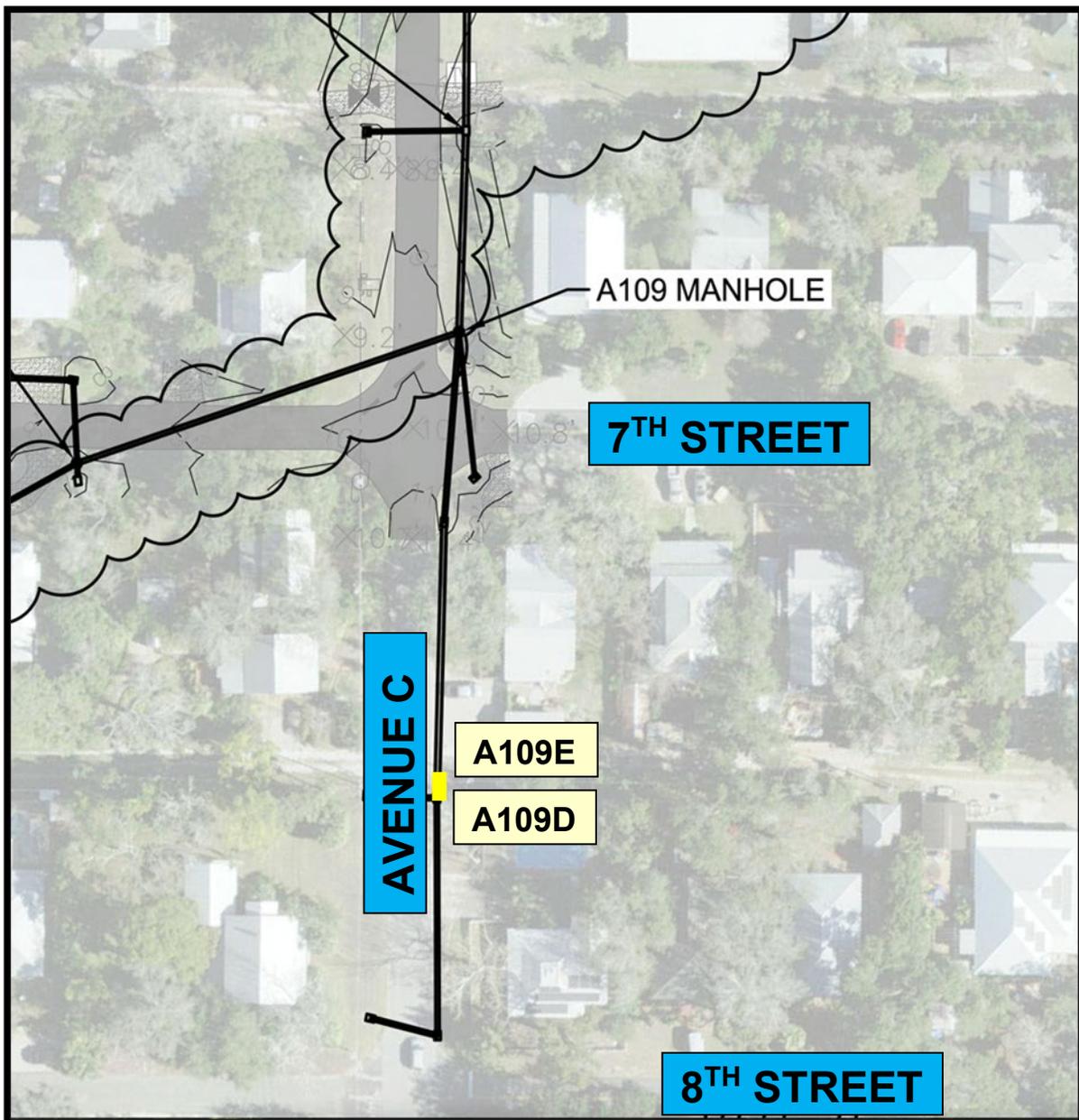
There is still, standing water and debris at the end of the surveyed area (35.1 feet).



Video # 6

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109D-A109E	25.2'	28"	Sanitary Sewer

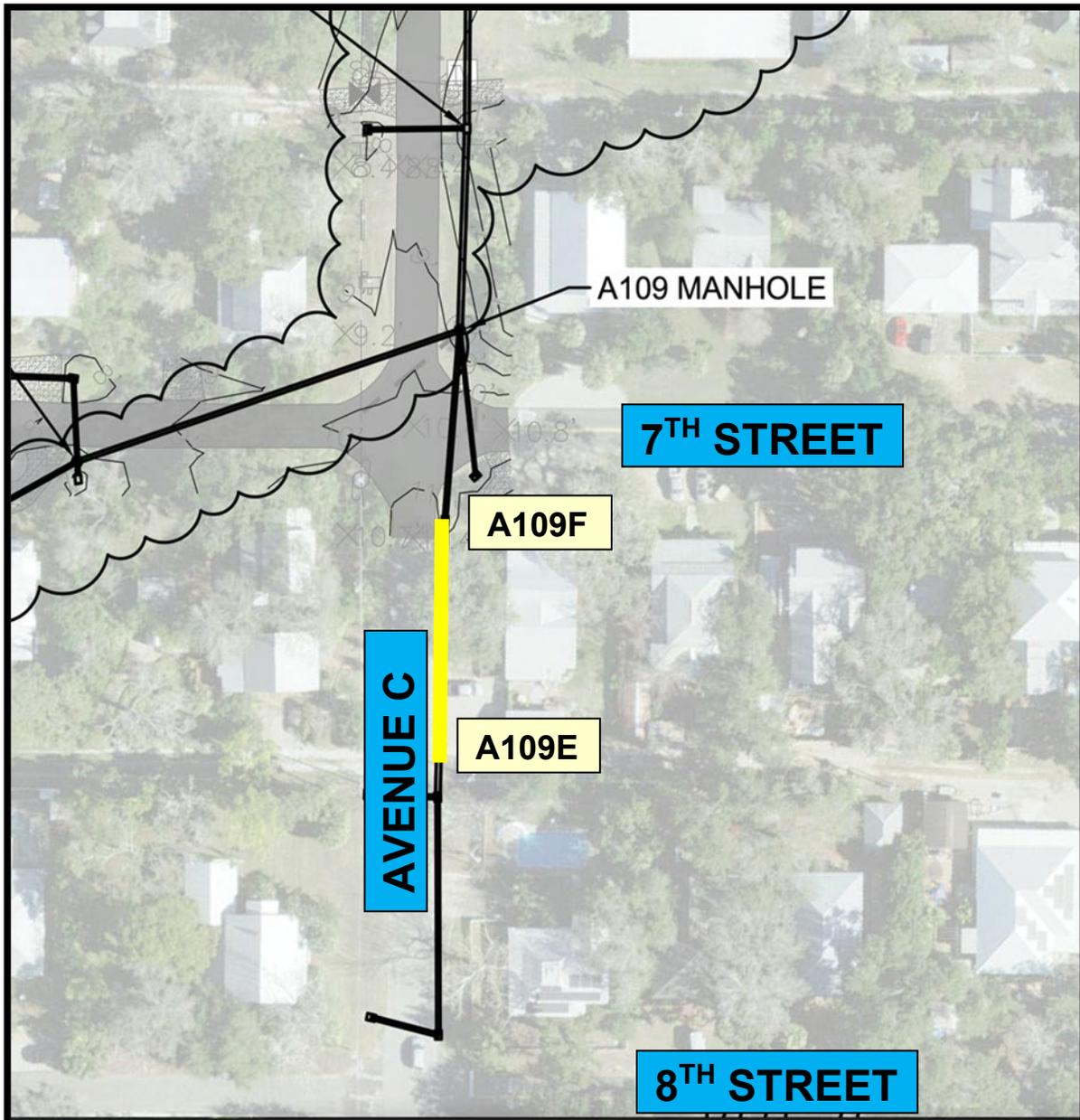
The upstream storm drain is buried beneath rocks in driveway. The downstream manhole is buried.



Video # 7

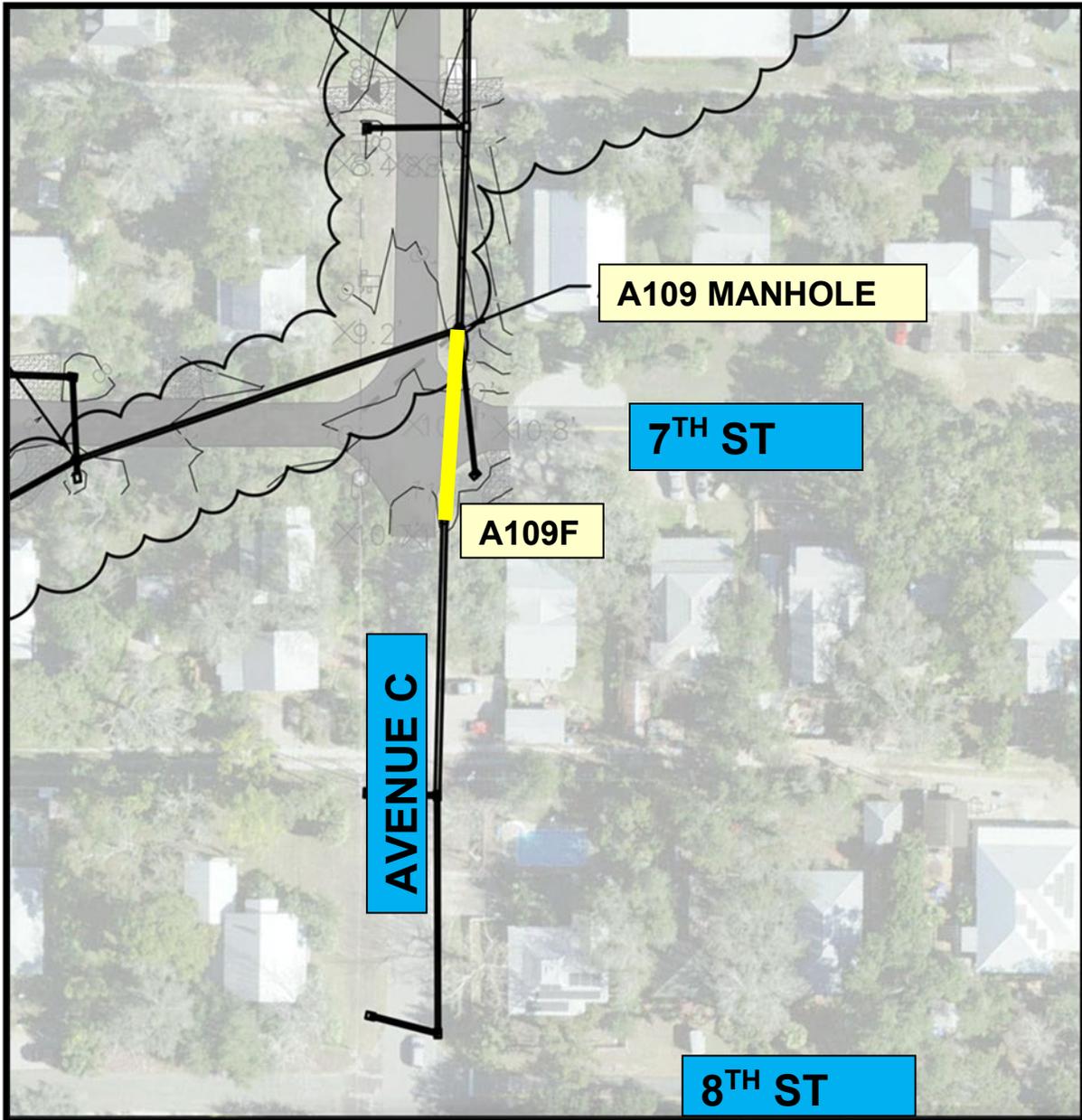
Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109E-A105F	98.46'	-"	Sanitary Sewer

The upstream storm drain is buried beneath rocks in driveway. The upstream manhole has a wall that splits storm drain in half.



Video # 8

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109F-A109	89.3'	-"	Sanitary Sewer



There is a pipe material change at approximately 73.1 feet which splits the pipe in half. It goes from metal pipe to rubber.

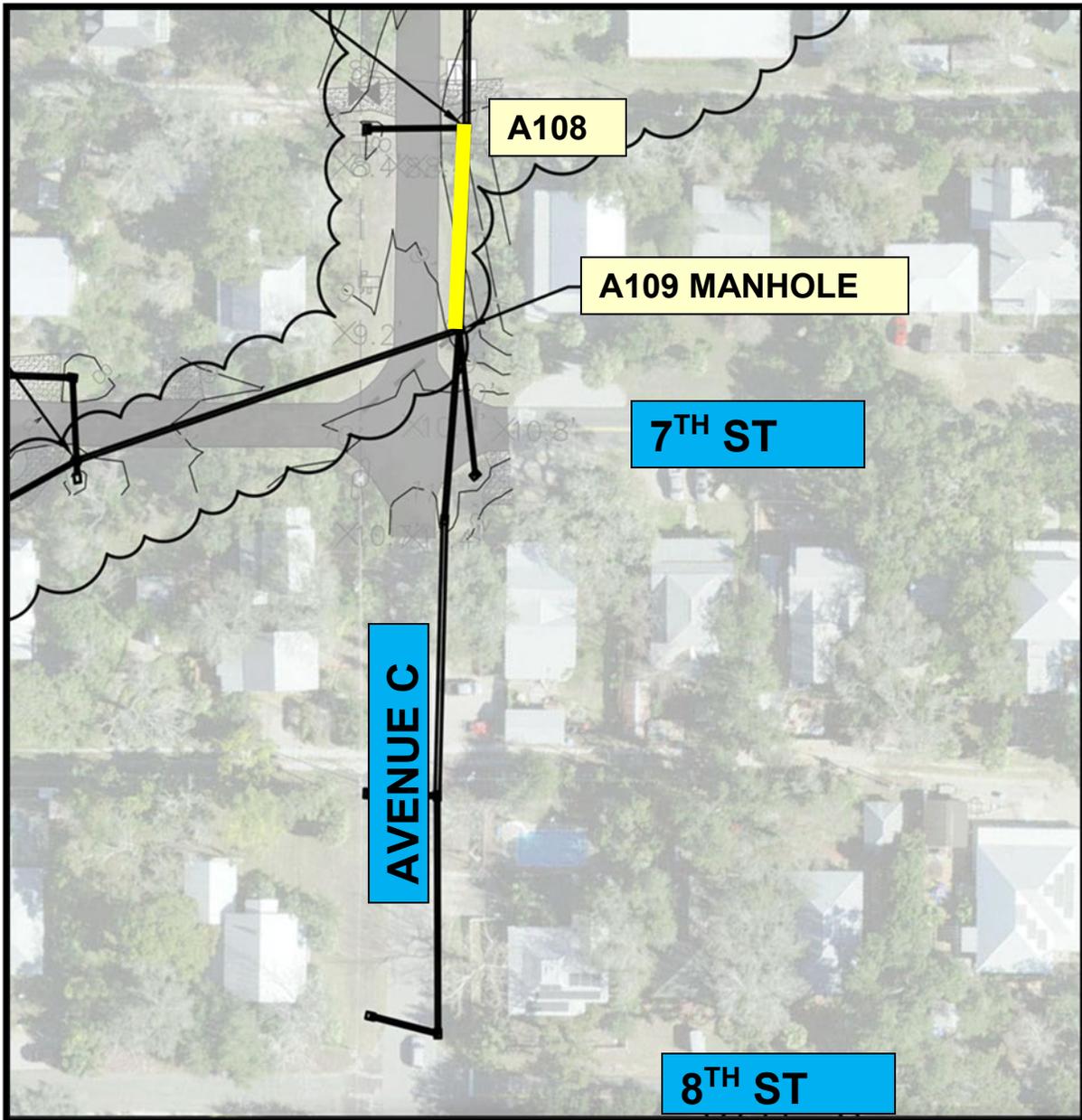


There is standing water at approximately 80.3 feet.



Video # 9

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109-A108	58.1'	-"	Sanitary Sewer

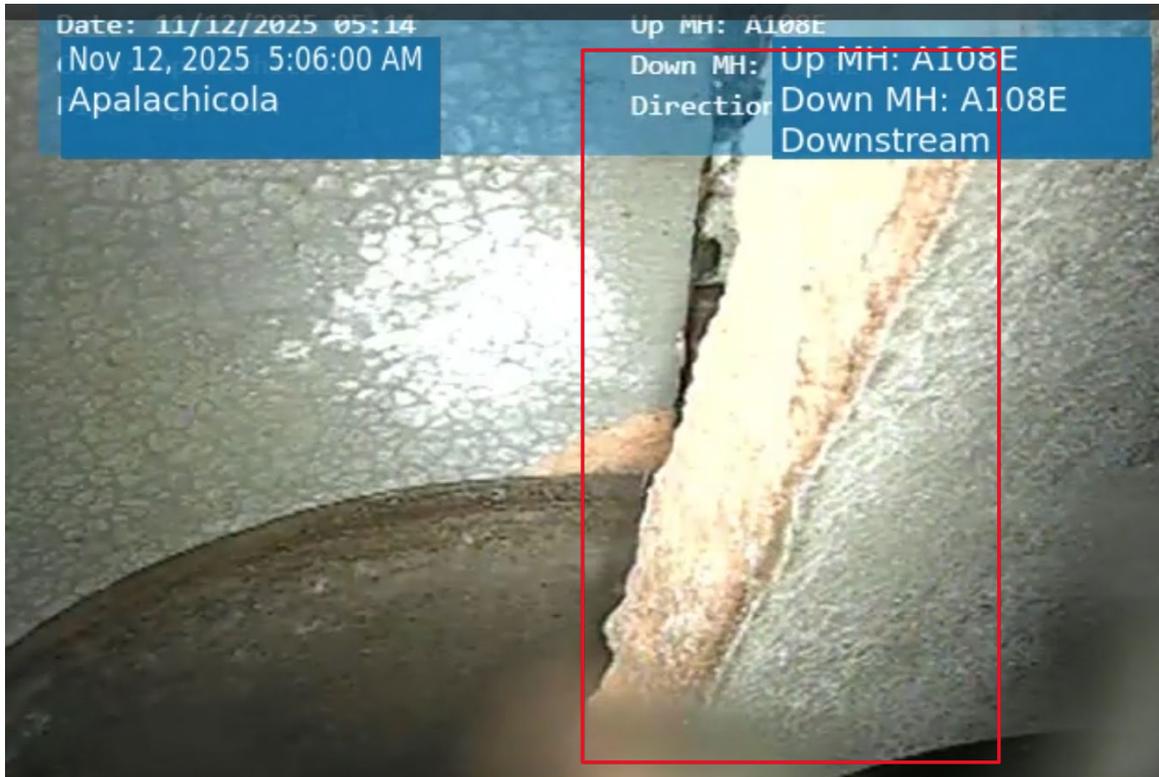


There is a high-water level and debris throughout the pipe due to various cracks and collapse.



There are several cracked and broken points throughout the pipe:

13.5'



16.3'



34.4'



58.4'

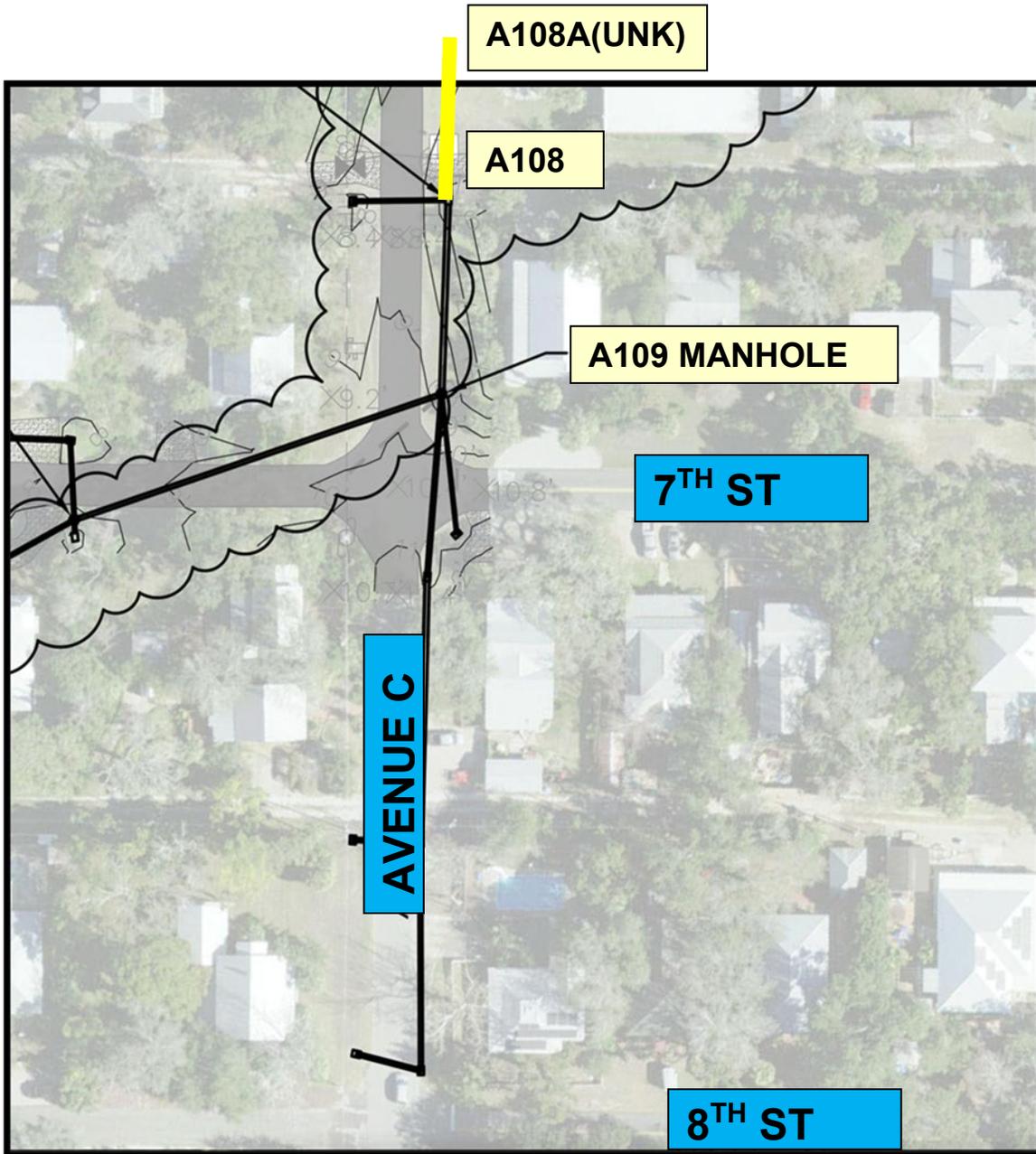


Debris - 56.8'



Video # 10

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109-A108AUNK	21.6'	-"	Sanitary Sewer



There is a high water level throughout pipe due to collapse.



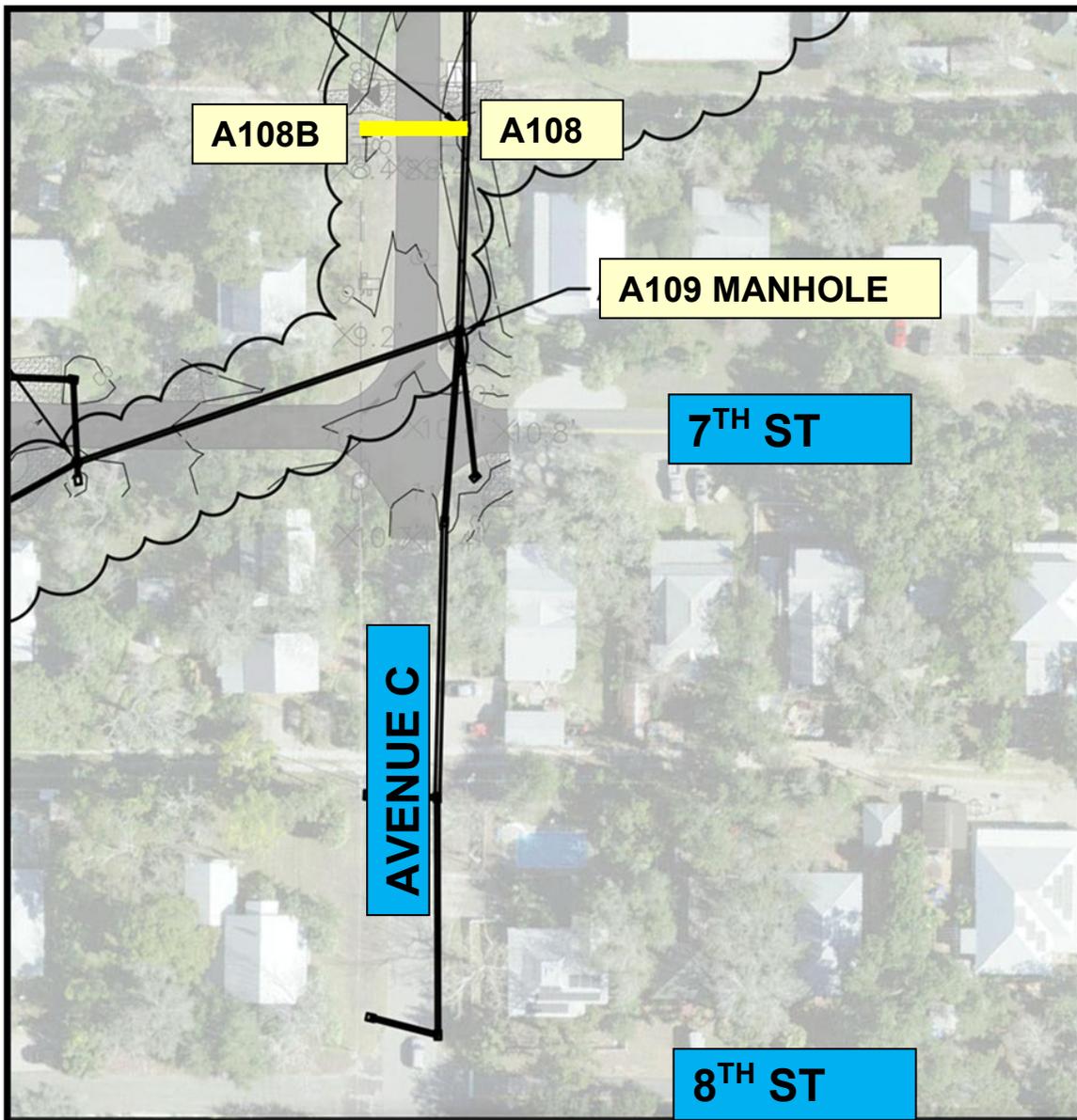
Pipe collapsed at approximately 21.6 feet



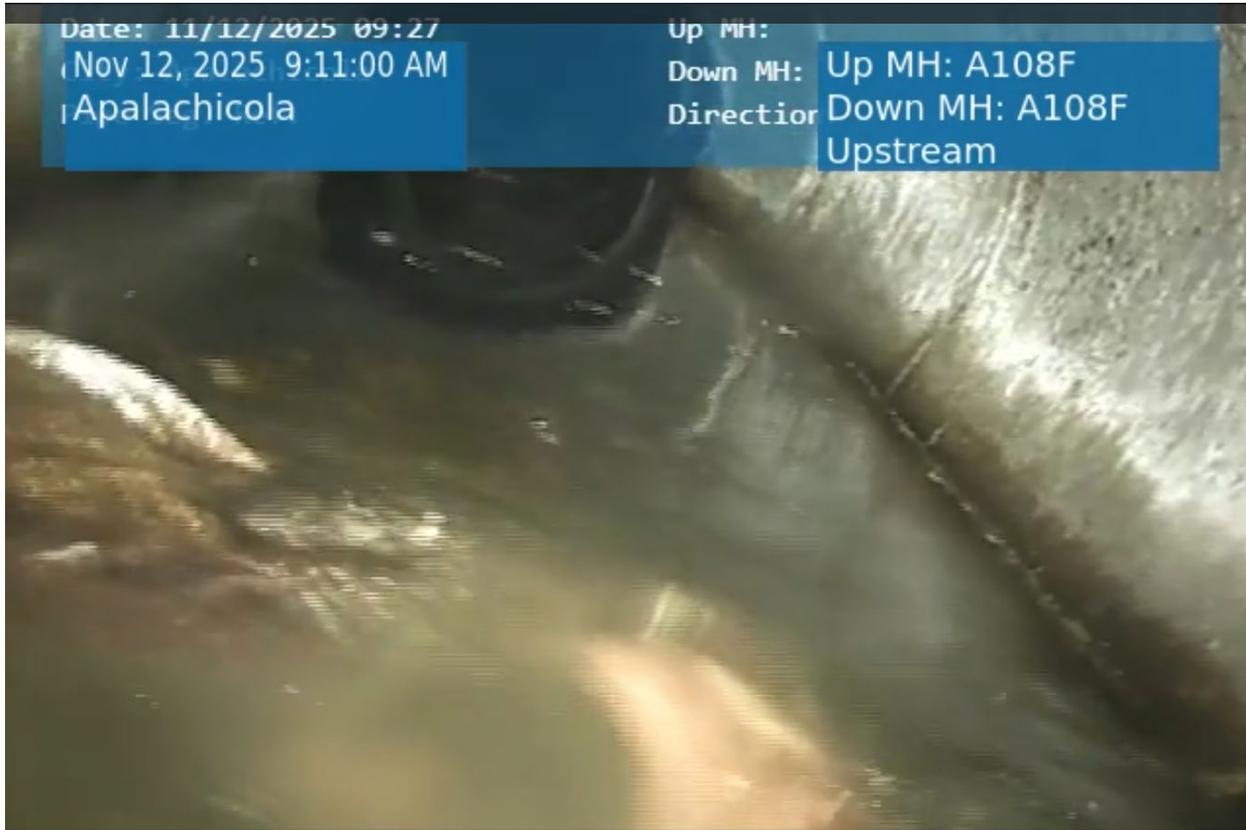
Video # 11

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A108B-A108	23.9'	-"	Sanitary Sewer

The manhole was buried and had a cable box located nearby so it was unable to be properly located.



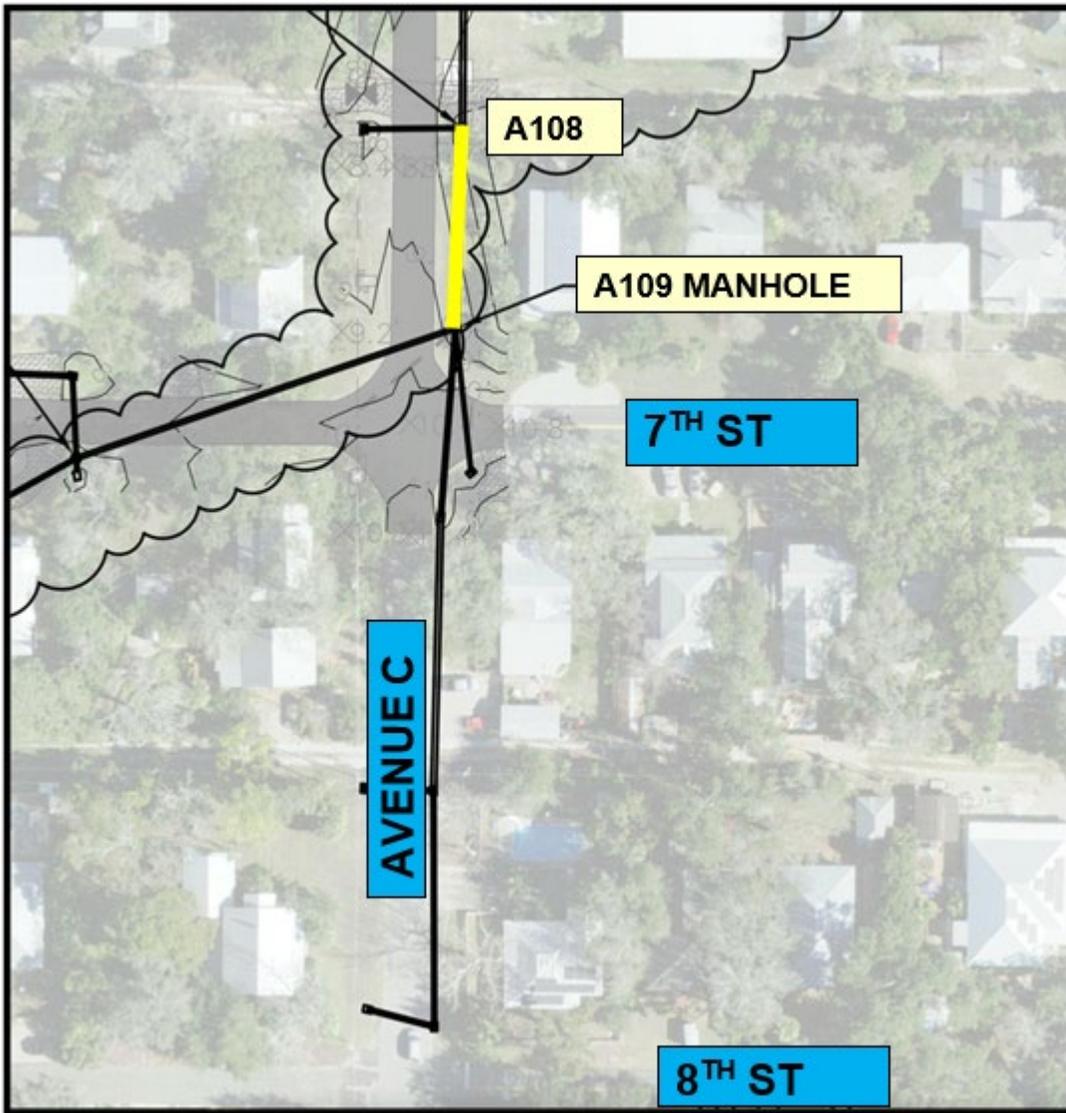
High water level throughout, debris and sand buildup located at approximately 4 feet.



Video # 12

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109-A108	51.06'	-"	Sanitary Sewer

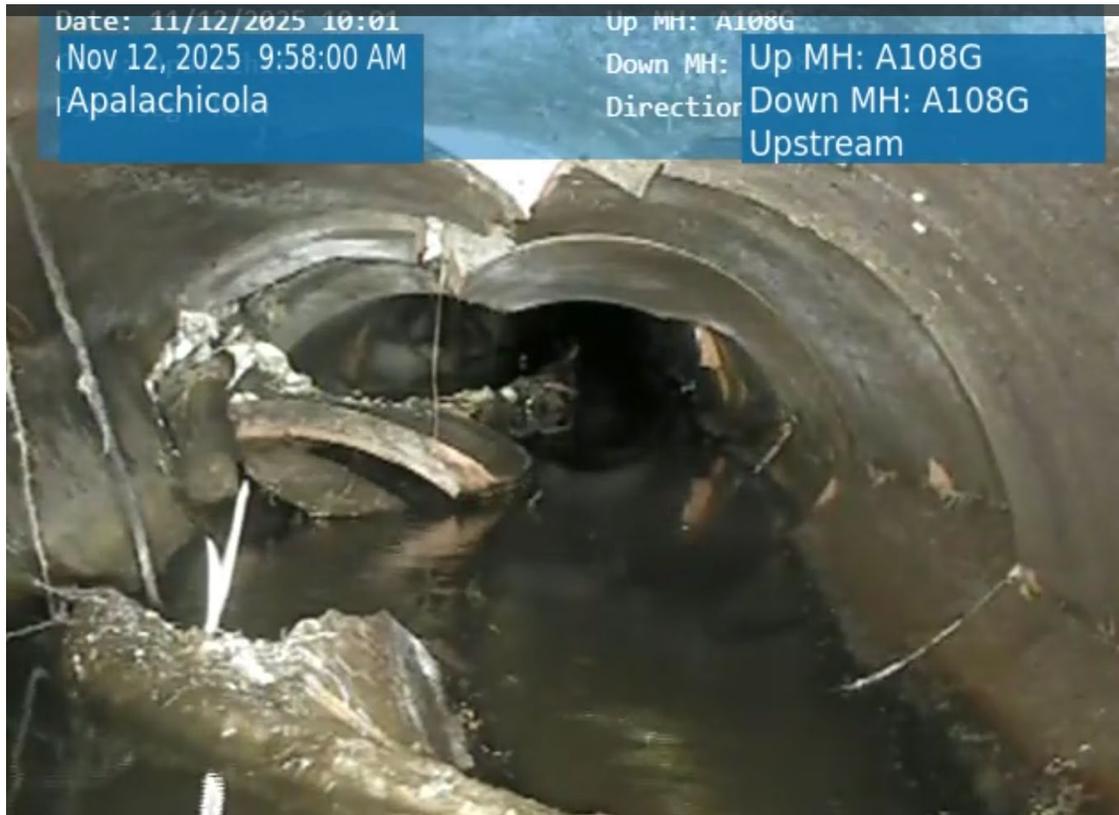
*This is the same segment from video #9, except going in the other direction.



Cracks in pipe at approximately 6.2 feet

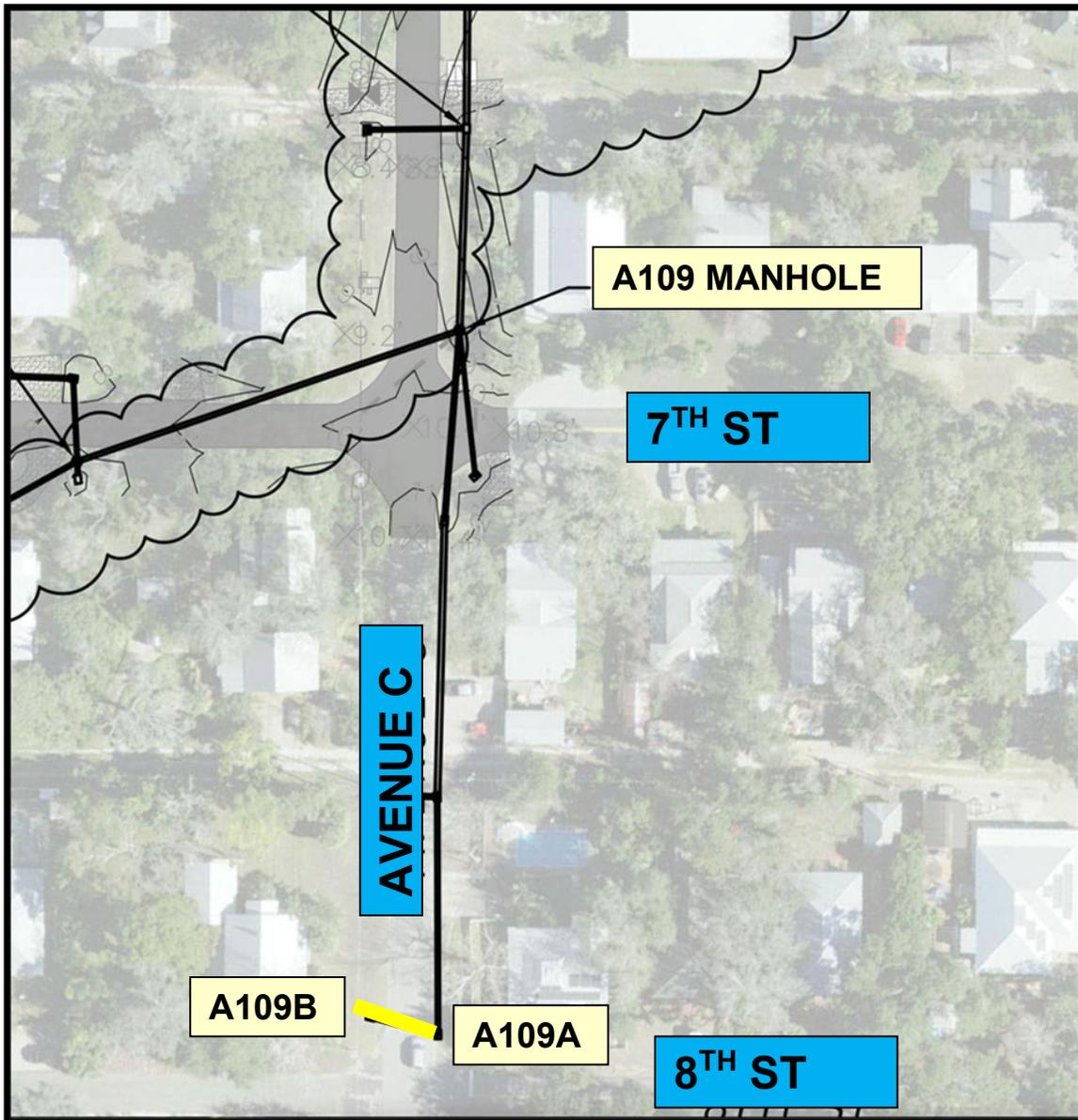


Survey ended due to collapse.



Video # 13

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C A109A-A109B	38.1'	15"	Sanitary Sewer

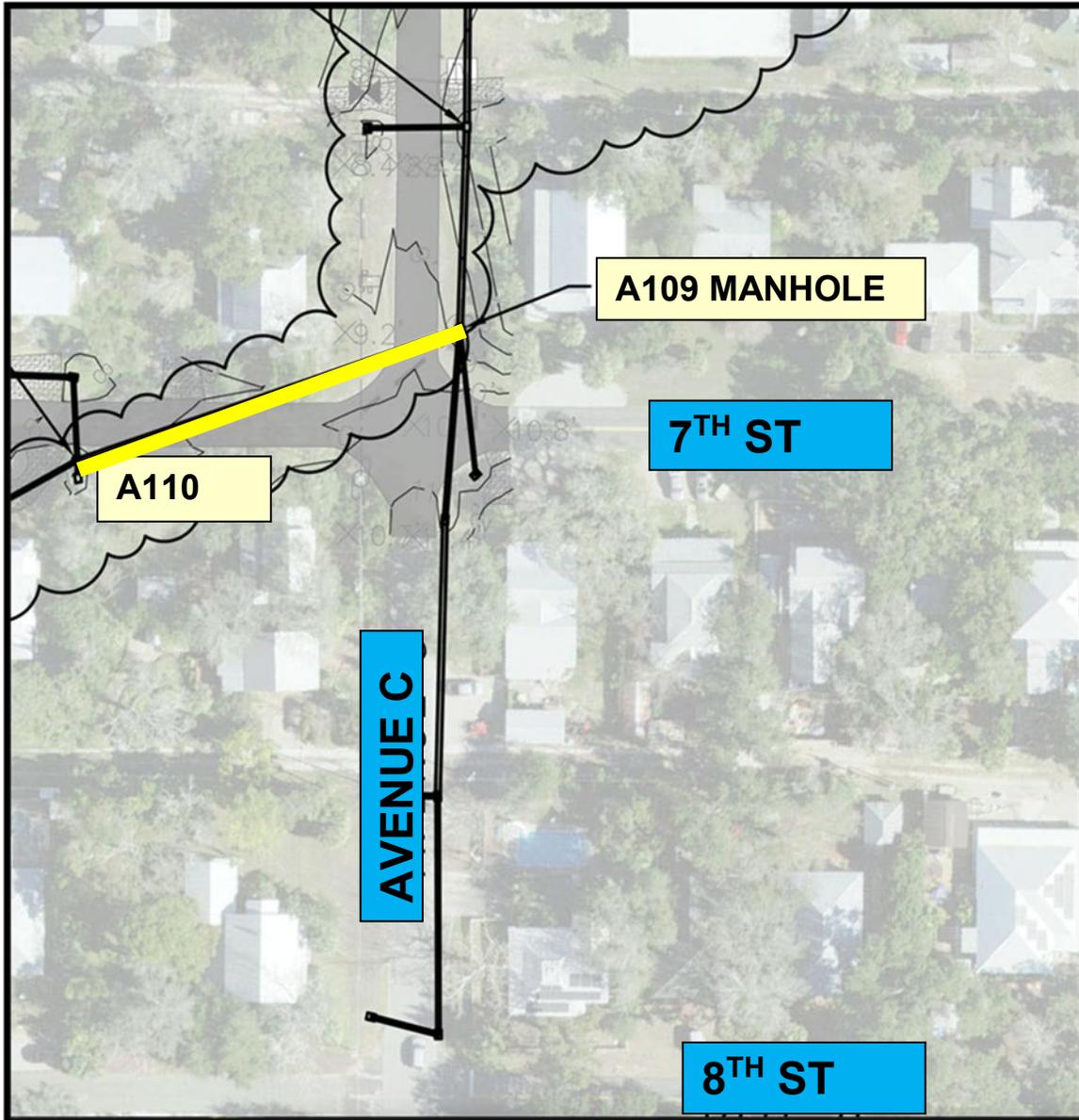


Still water at approximately 36.4 feet

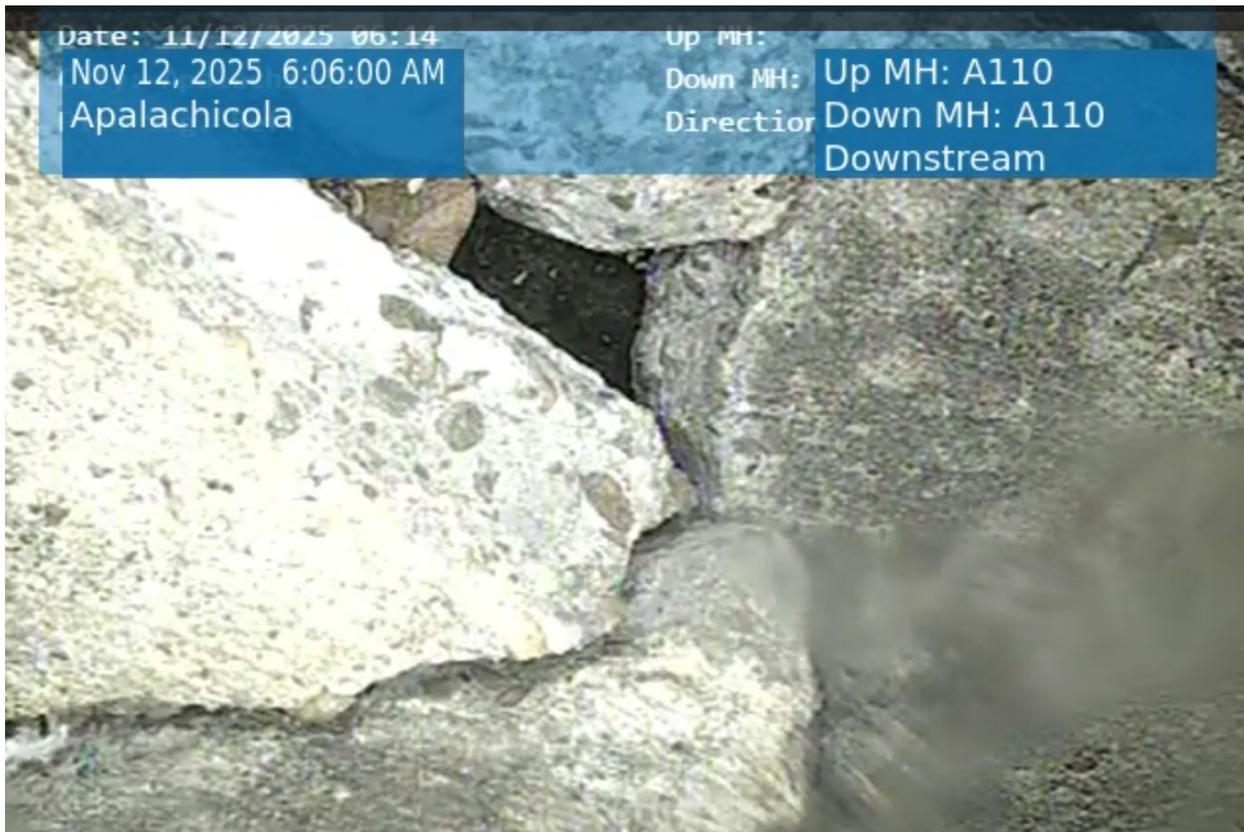


Video # 14

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue D A110-A109	123.9'	15"	Sanitary Sewer



Hole/crack at approximately 11.9 feet



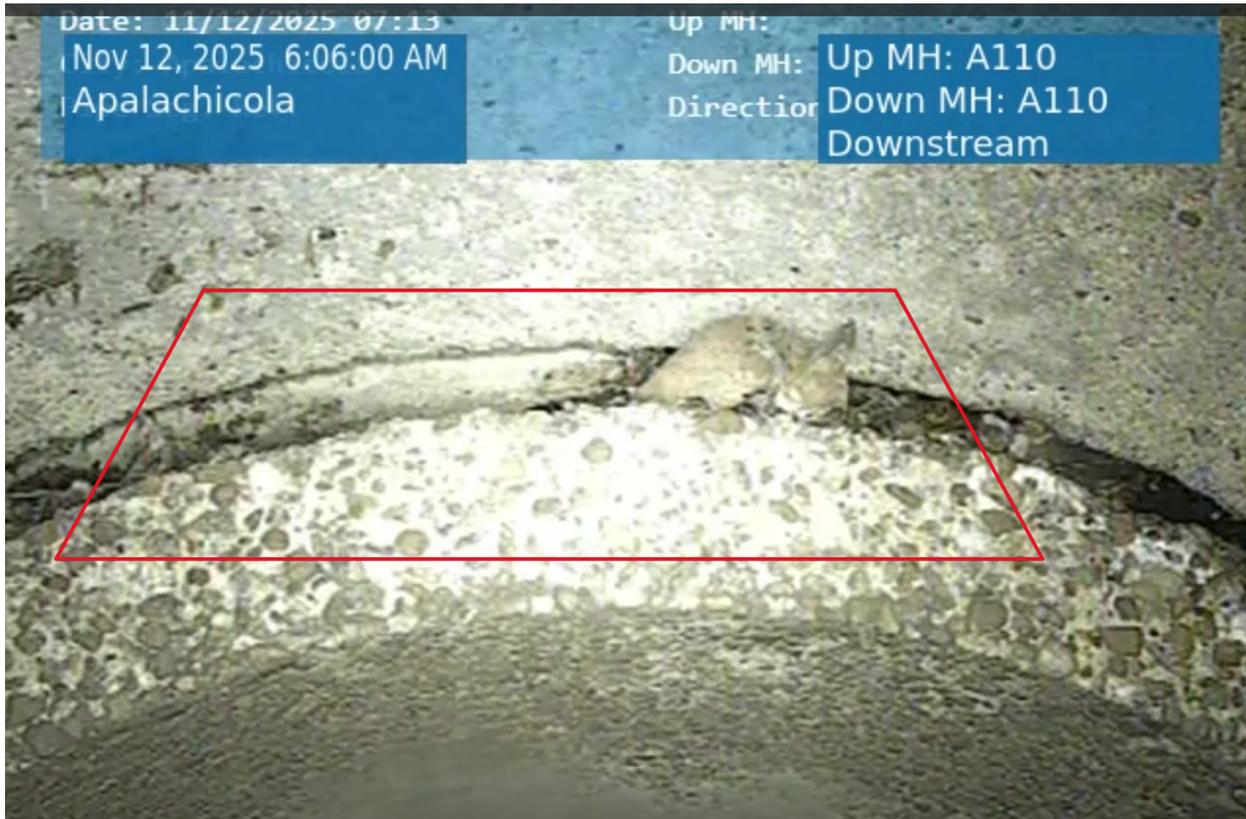
Crack at 13.4 feet



Broken pipe at approximately 24 feet



Misaligned joint at approximately 42.8 feet



Debris buildup at approximately 67.9 feet



Collapsed at approximately 70.3 feet



Crack runs vertically started at approximately 71.8 feet to approximately 80.2 feet





Date: 11/12/2025 08:11
Nov 12, 2025 6:06:00 AM
Apalachicola

Up MH:
Down MH: Up MH: A110
Direction: Down MH: A110
Downstream



Misaligned joints and cracks located at approximately 93.9 feet



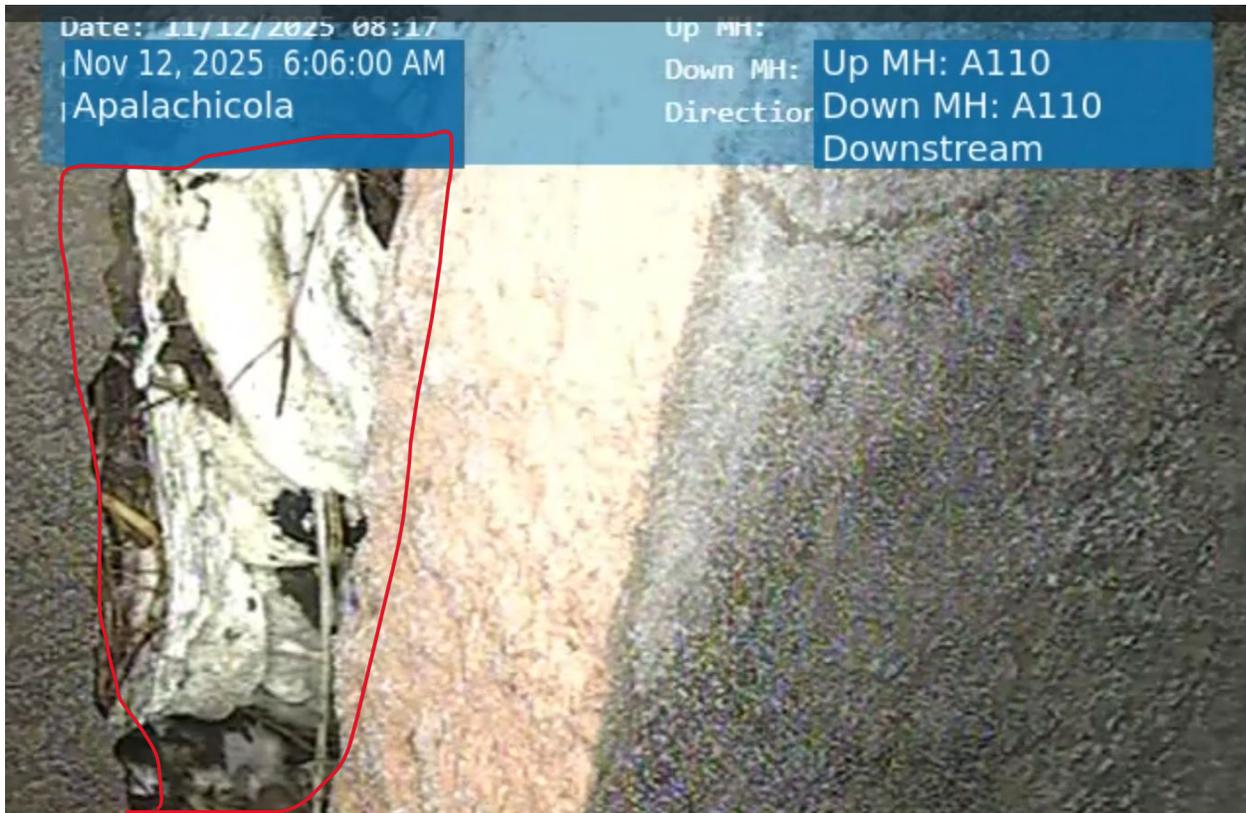
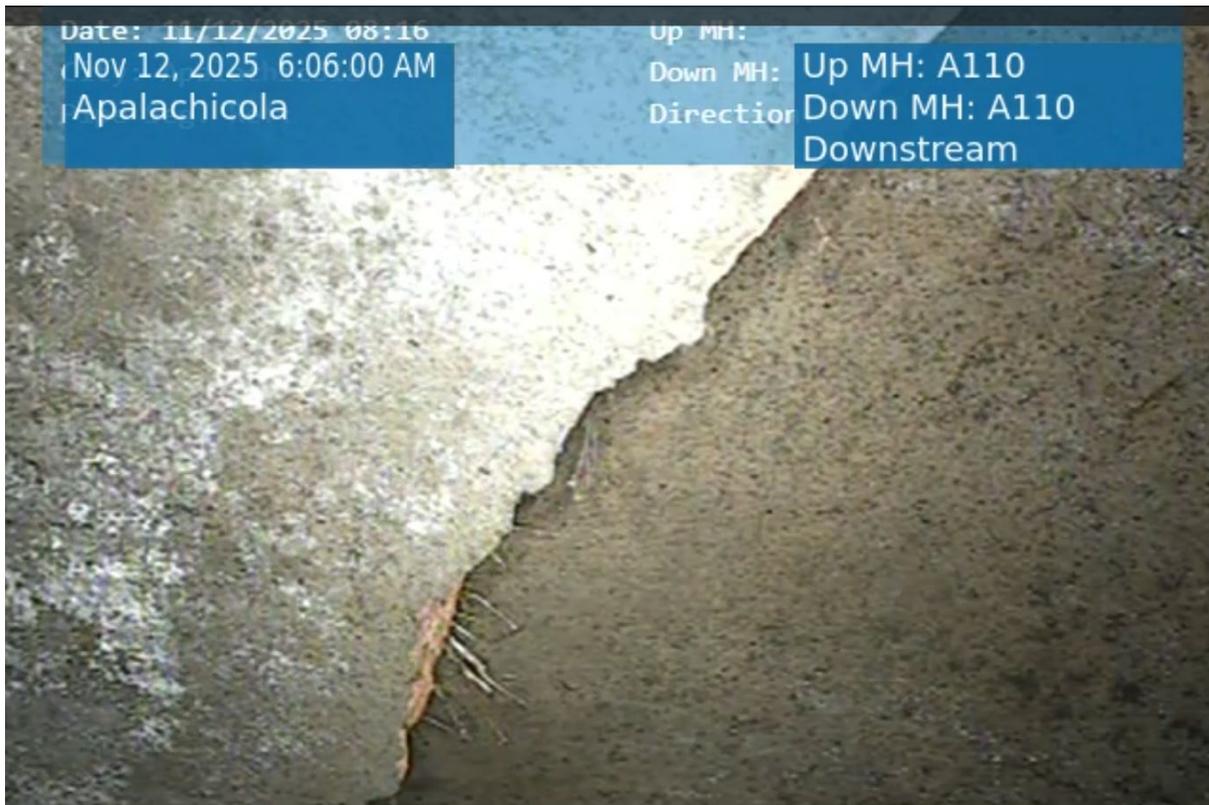
Debris and water build up at approximately 94.5 feet

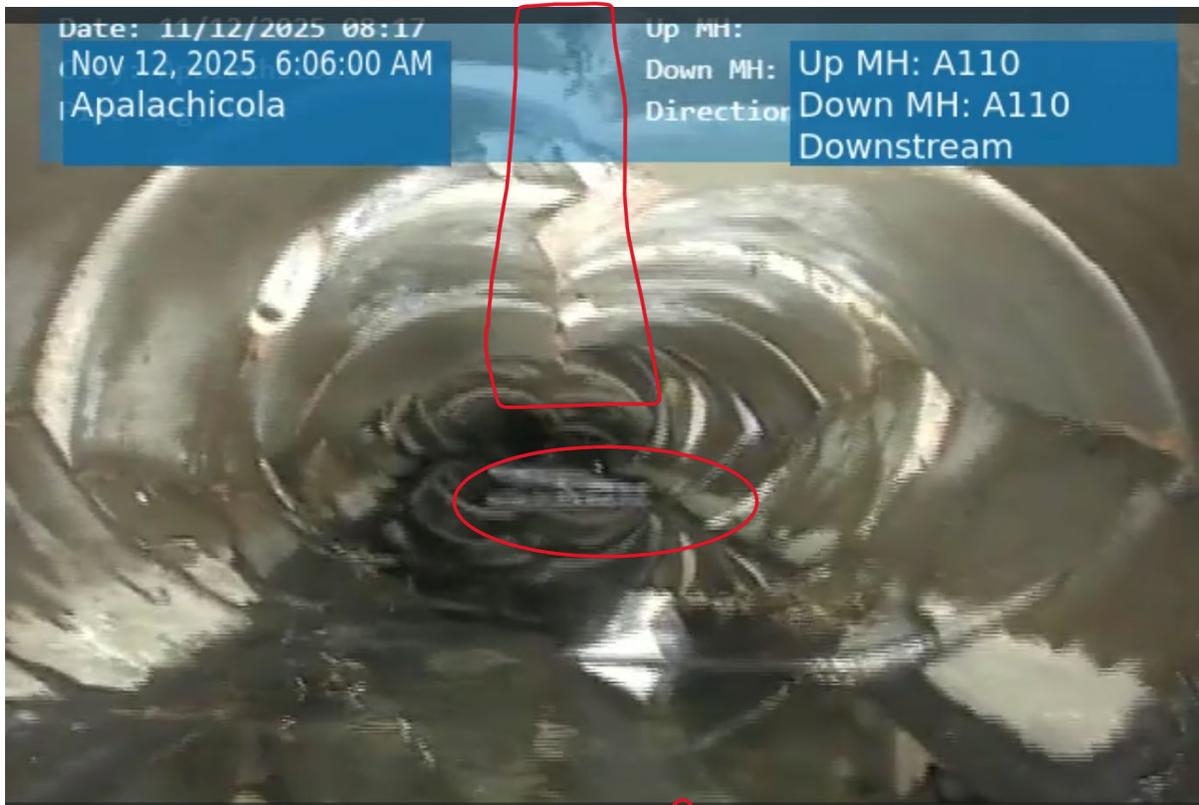


Broken and cracked at approximately 99 feet



Crack starts at approximately 102.6 feet and continues vertically to a collapse at approximately 119.7 feet

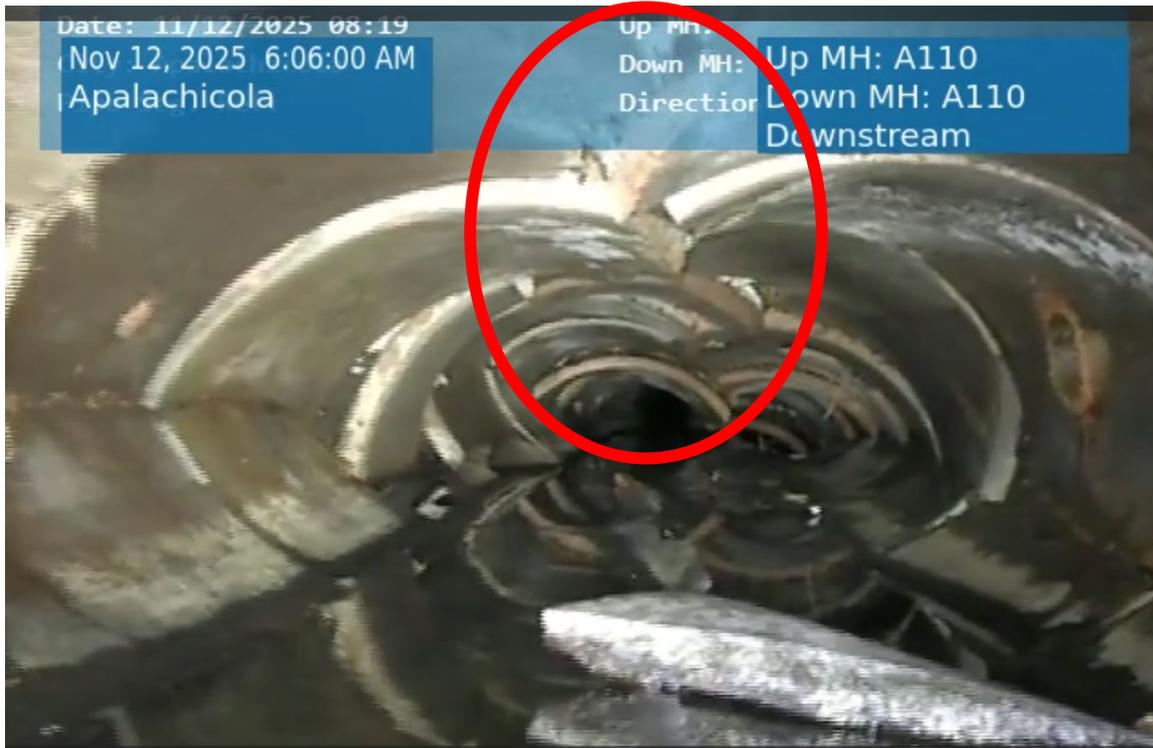




Connection at 116.6 feet with crack



Collapse at approximately 122 feet

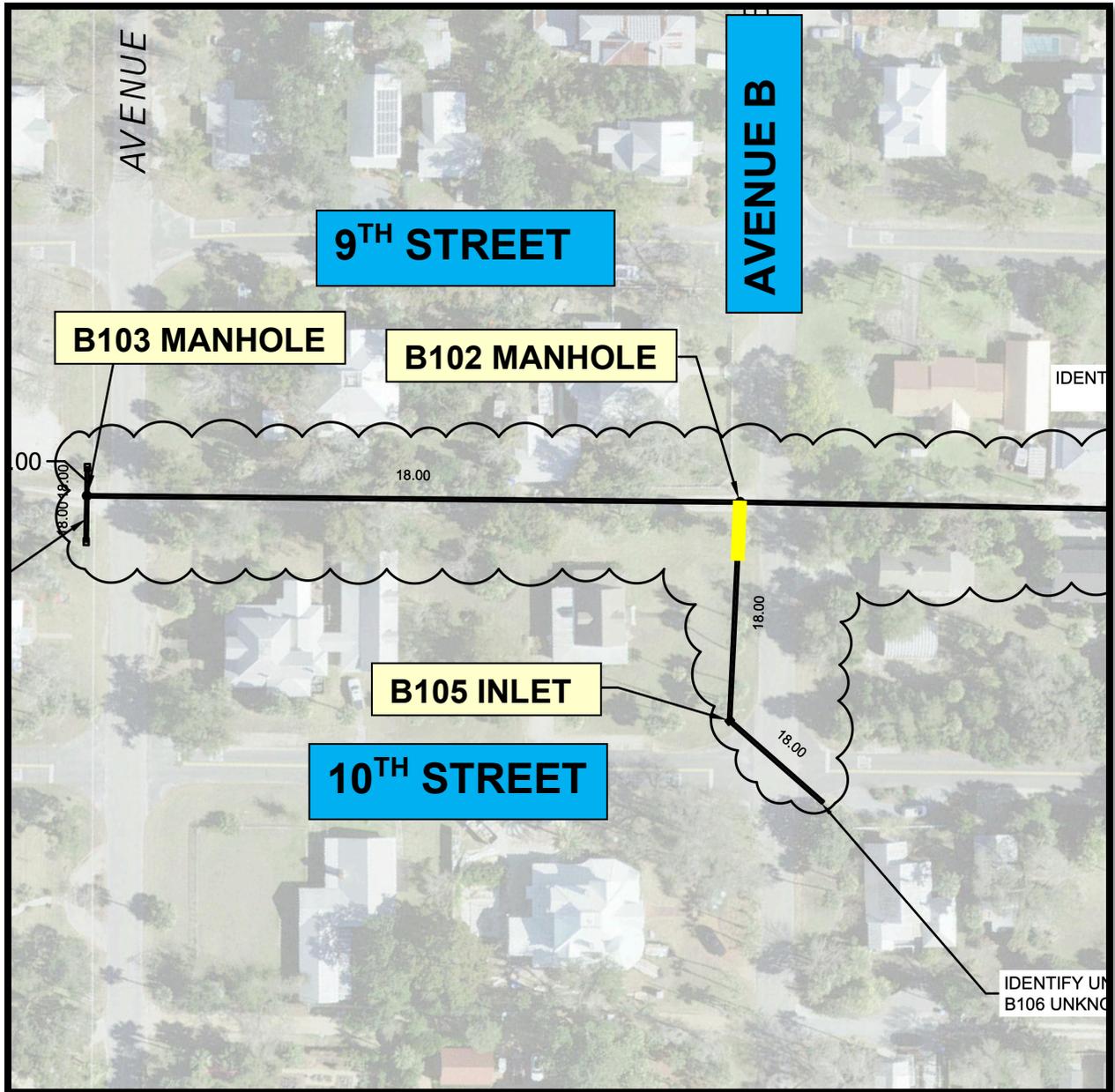


123.9 feet

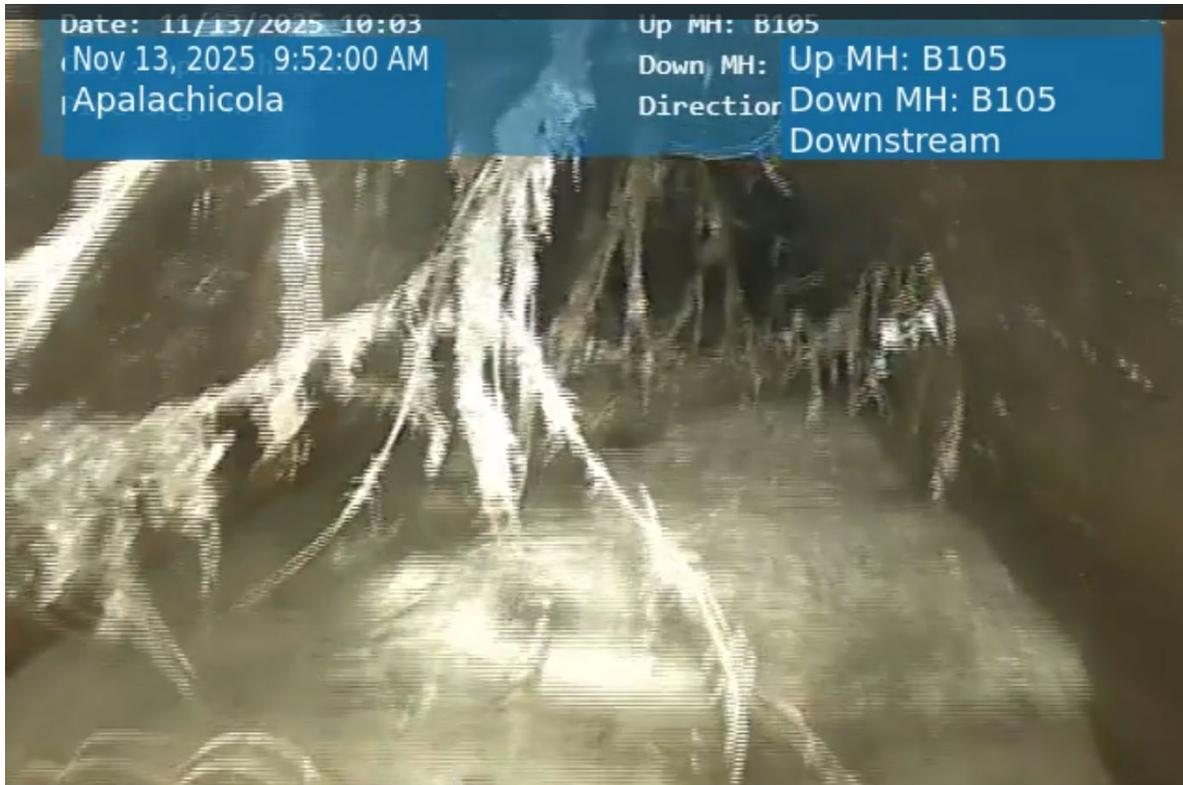
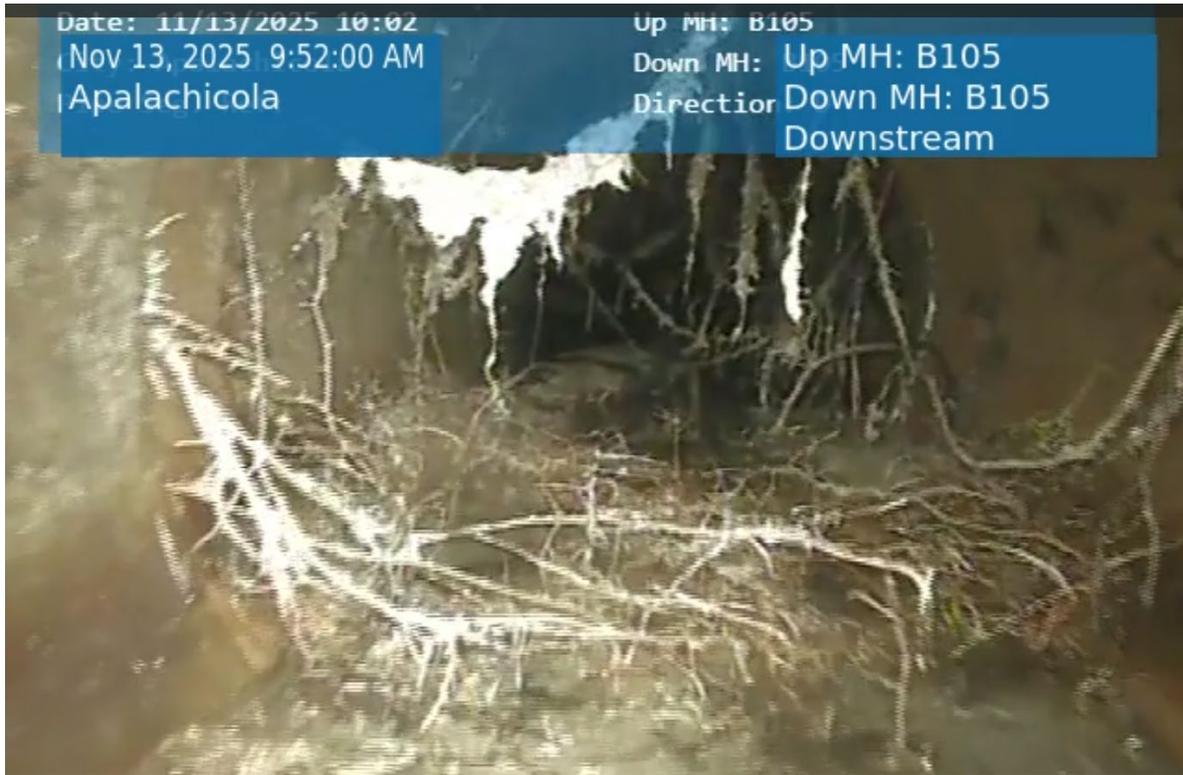


Video # 15

Project Street	Length Surveyed (FT)	Height	Pipe Use
9 th St Easement B105-B102	32.5'	-'	Sanitary Sewer



Debris buildup at 0 feet (entrance) going through the remainder of the surveyed area

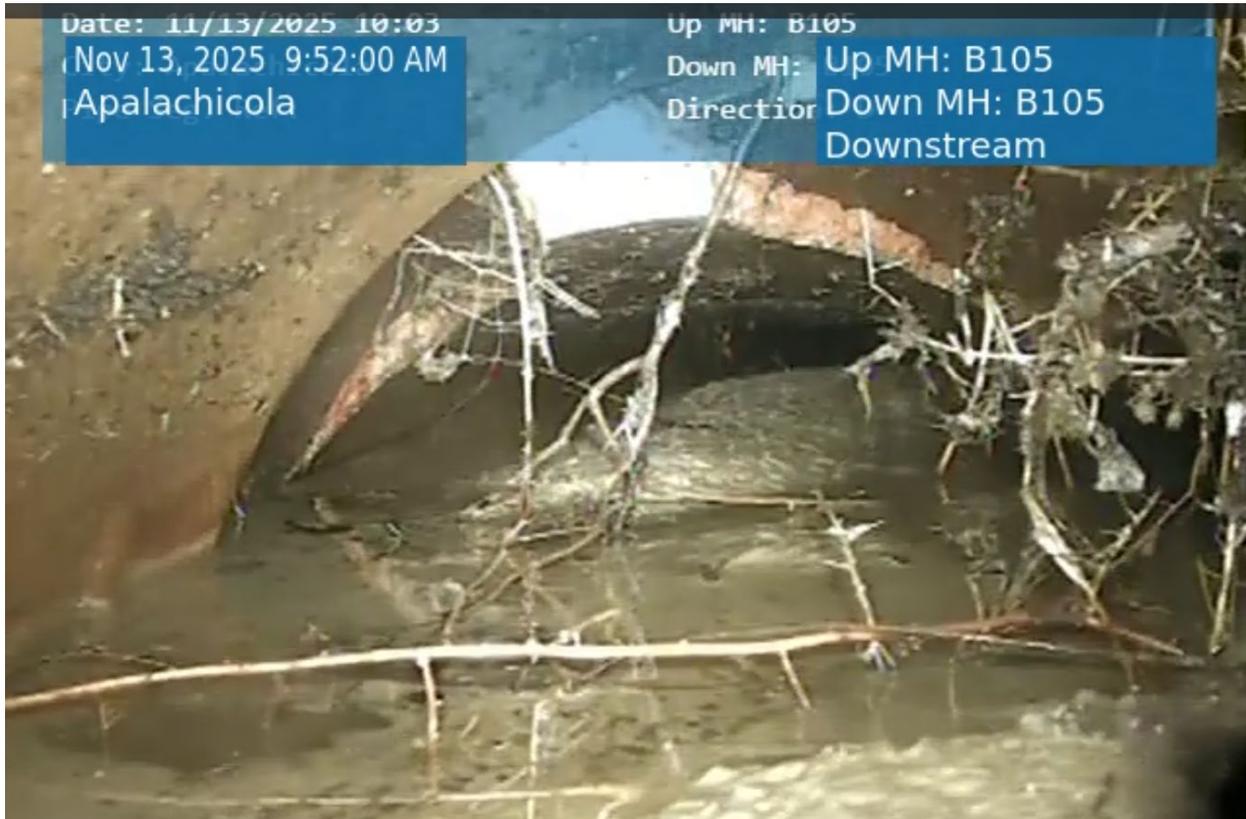


Date: 11/13/2025 10:03
Nov 13, 2025 9:52:00 AM
Apalachicola

Up MH: B105
Down MH: Up MH: B105
Director Down MH: B105
Downstream

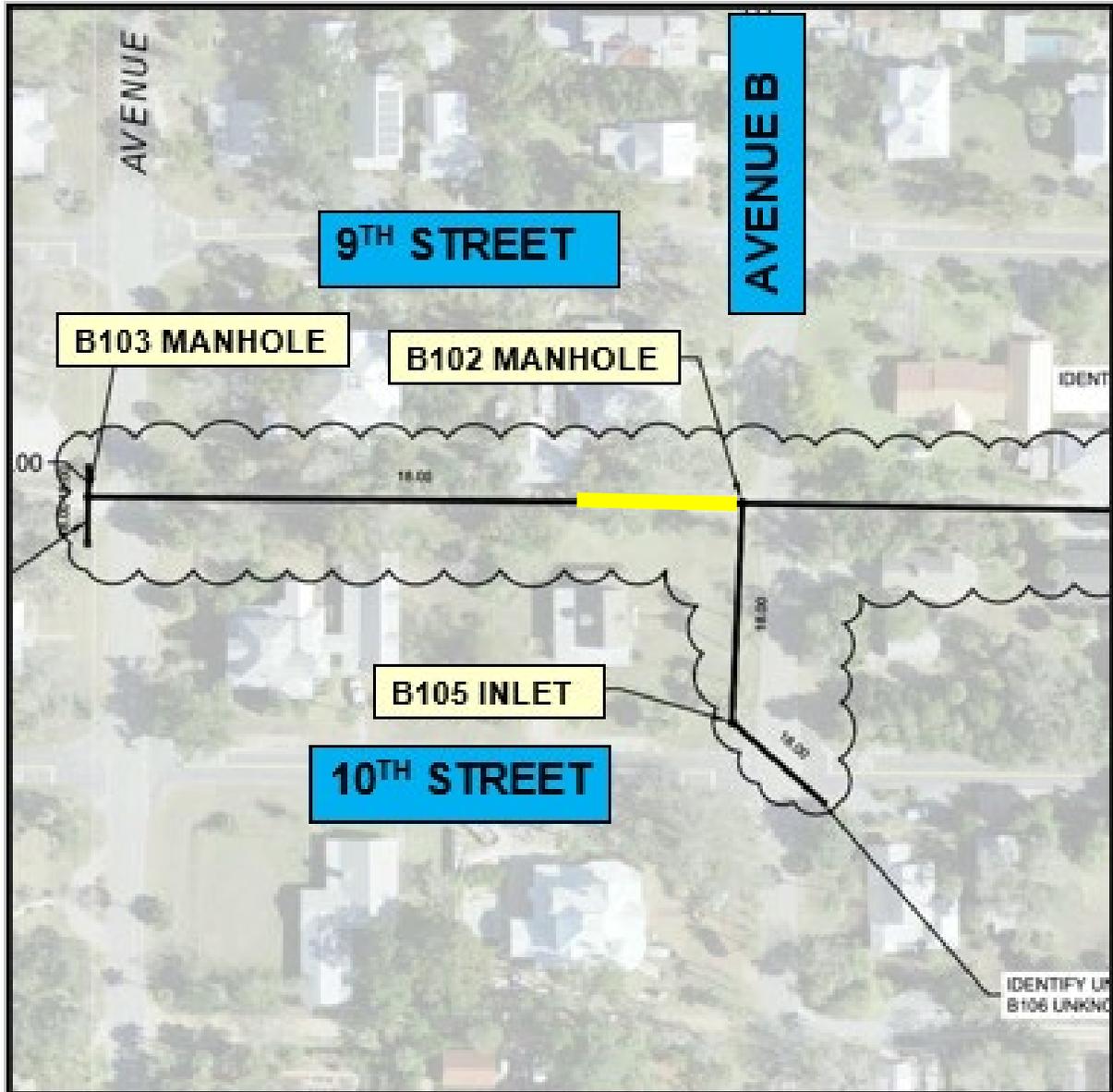


Pipe collapsed at 32.5 feet with significant debris and sand build-up

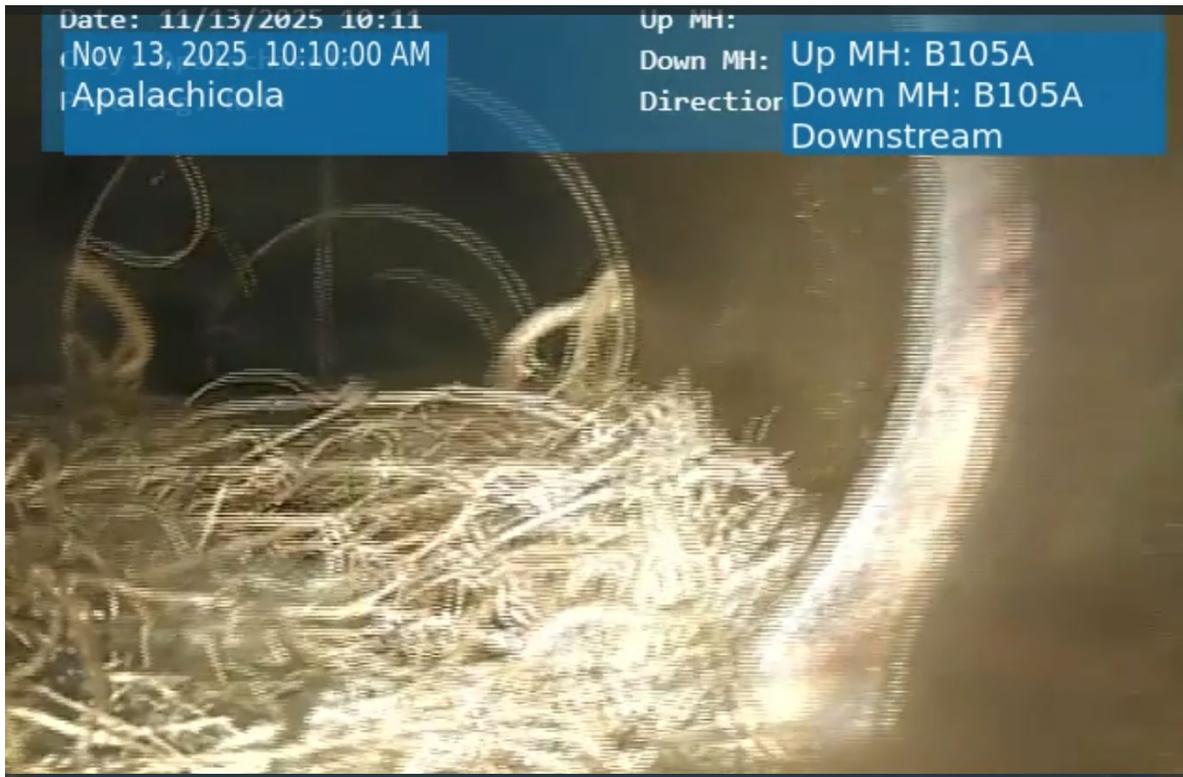


Video # 16

Project Street	Length Surveyed (FT)	Height	Pipe Use
9 TH Street Easement B103-B102	20.5'	.-"	Sanitary Sewer



Roots, sand and tree limb build-up visible throughout. Unable to continue survey due to root build-up.



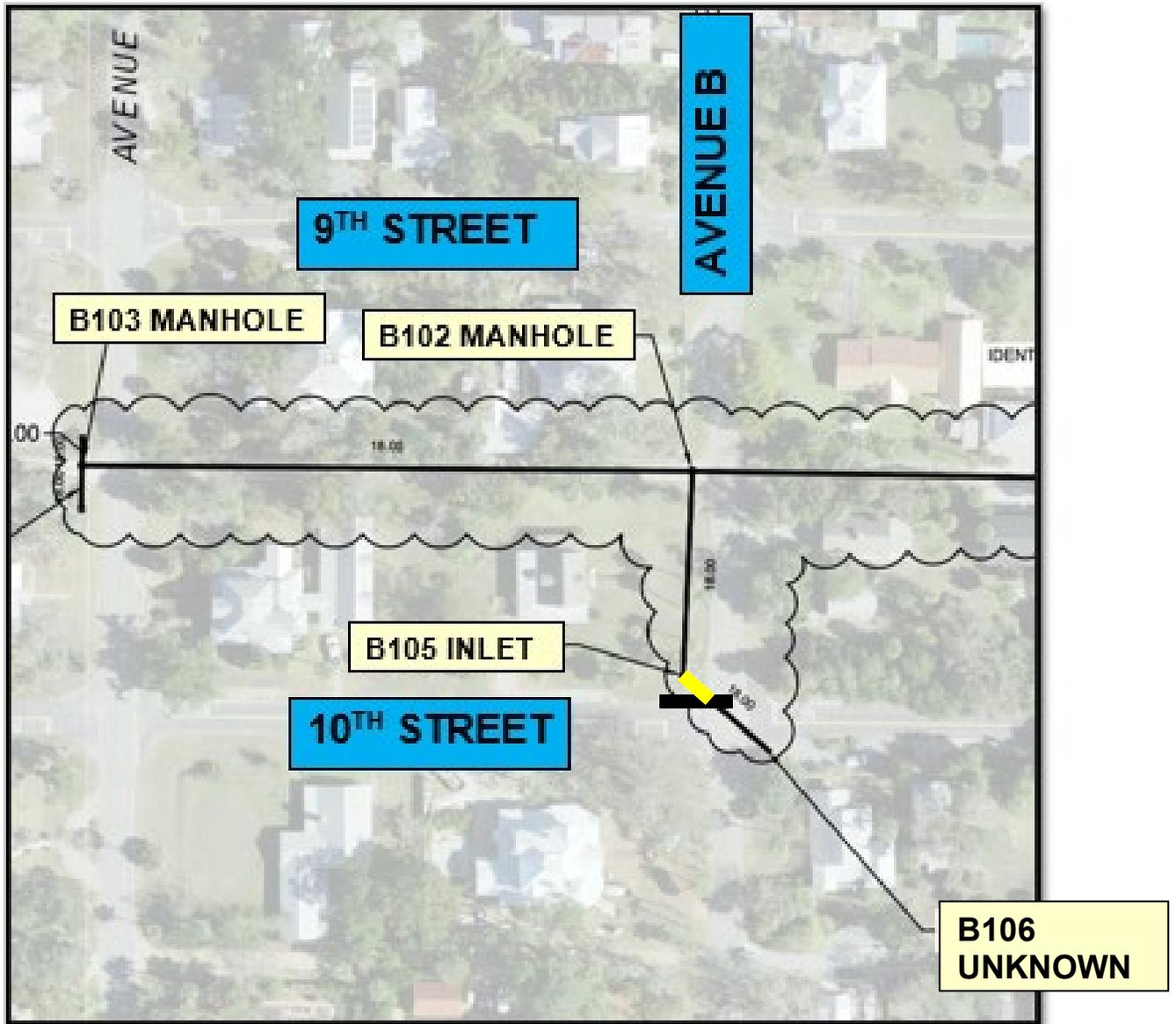
Date: 11/13/2025 10:11
Nov 13, 2025 10:10:00 AM
Apalachicola

Up MH:
Down MH: Up MH: B105A
Direction: Down MH: B105A
Downstream



Video # 17

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue B B106-B105	13.4'	8"	Sanitary Sewer



Root, tree limb, and debris build up at the end of the surveyed area. The surveyed area ends at a "T".



Date: 11/13/2025 11:14
Nov 13, 2025 11:02:00 AM
Apalachicola

Up MH: B105C
Down MH: Up MH: B105C
Direction: Down MH: B105C
Downstream



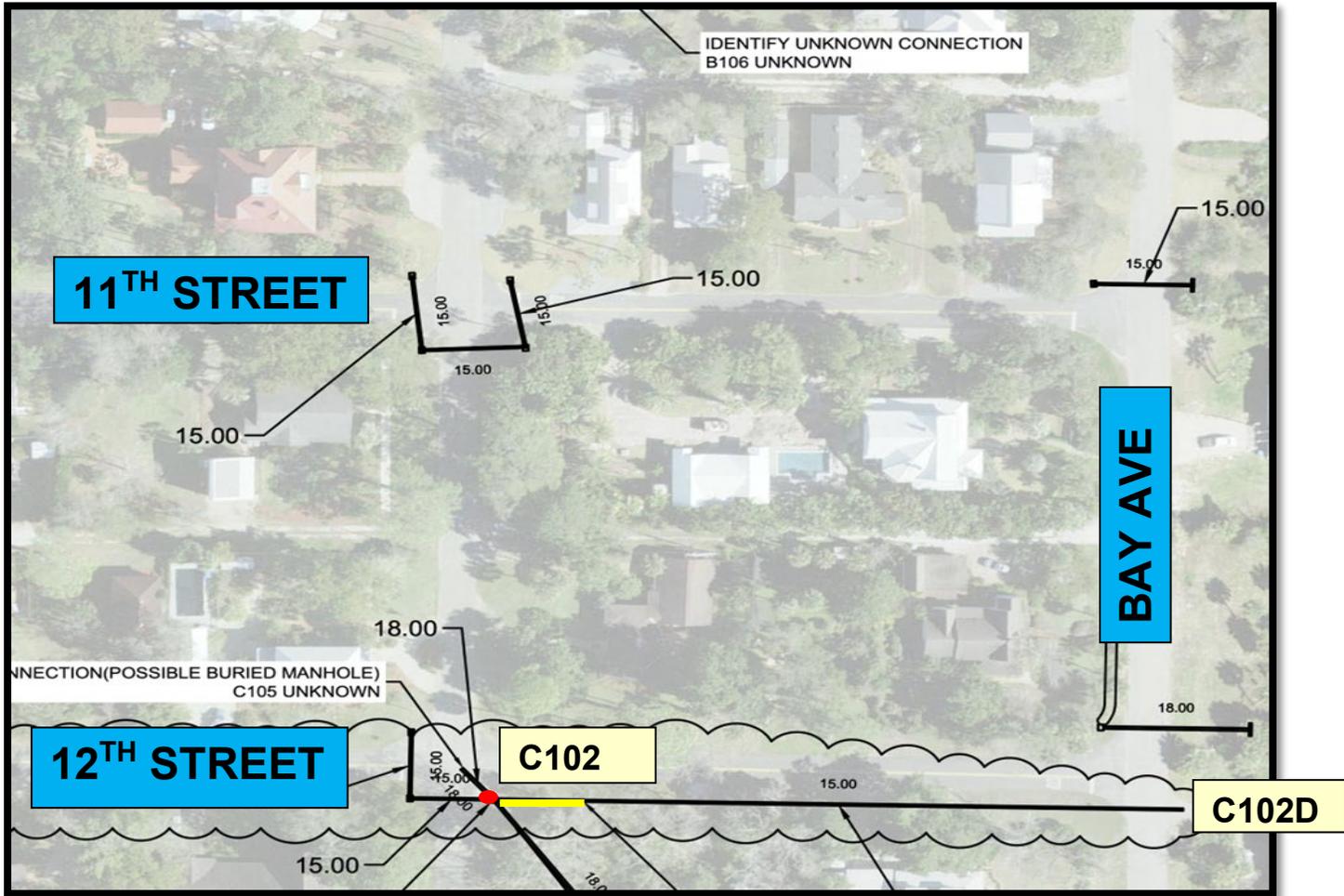
Date: 11/13/2025 11:16
Nov 13, 2025 11:02:00 AM
Apalachicola

Up MH: B105C
Down MH: Up MH: B105C
Direction: Down MH: B105C
Downstream



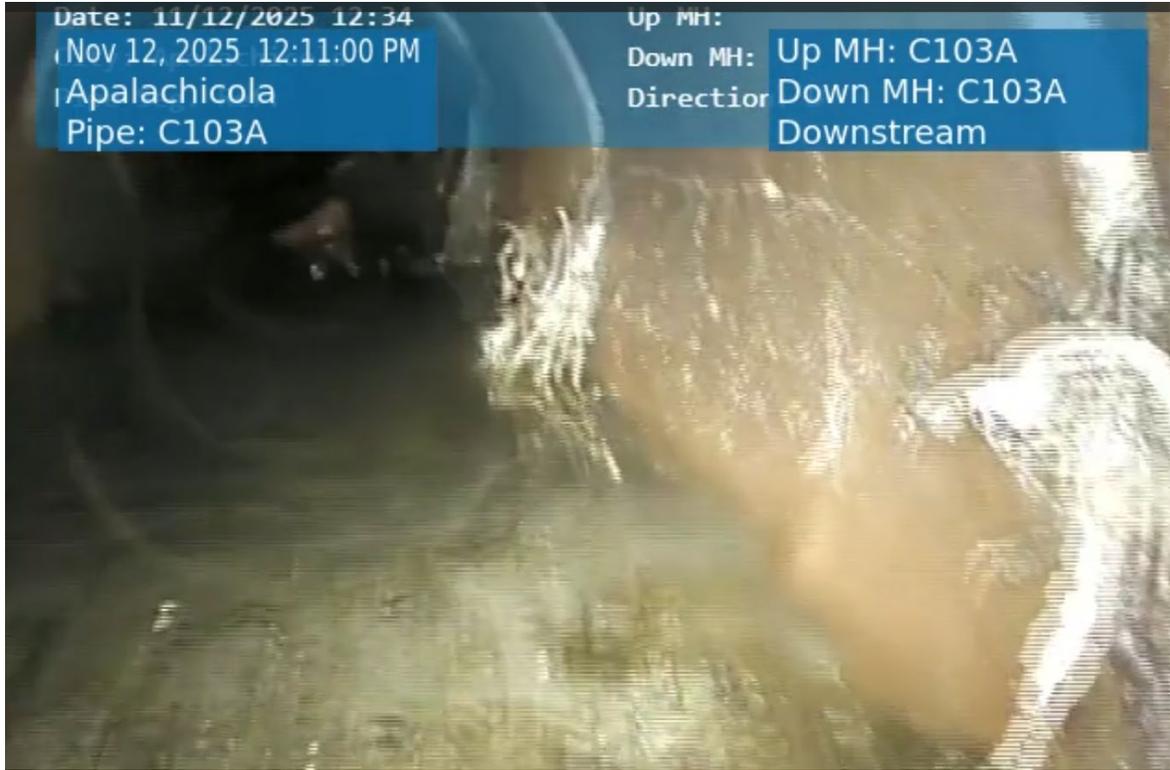
Video # 18

Project Street	Length Surveyed (FT)	Height	Pipe Use
Avenue C C102-C102D	37.4'	20"	Sanitary Sewer



Standing water visible throughout, roots and vegetation coming from the seams





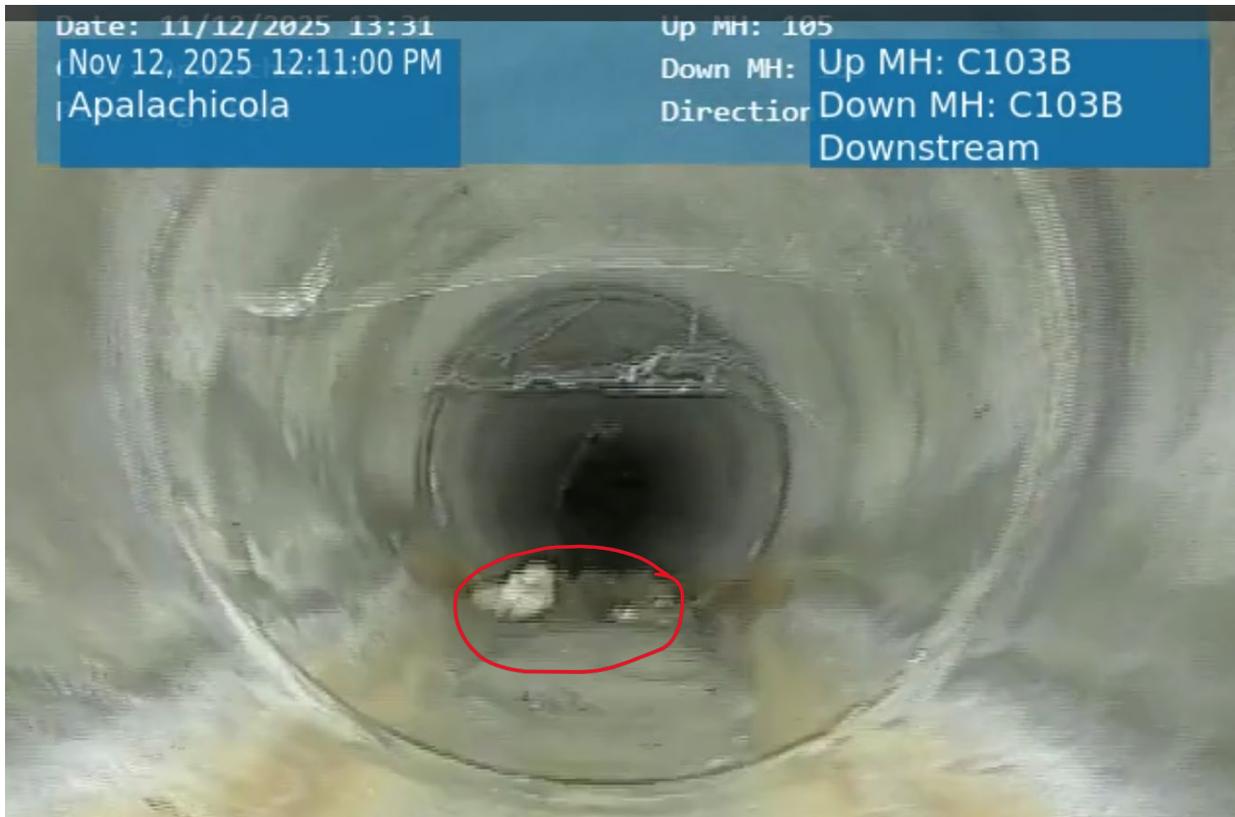
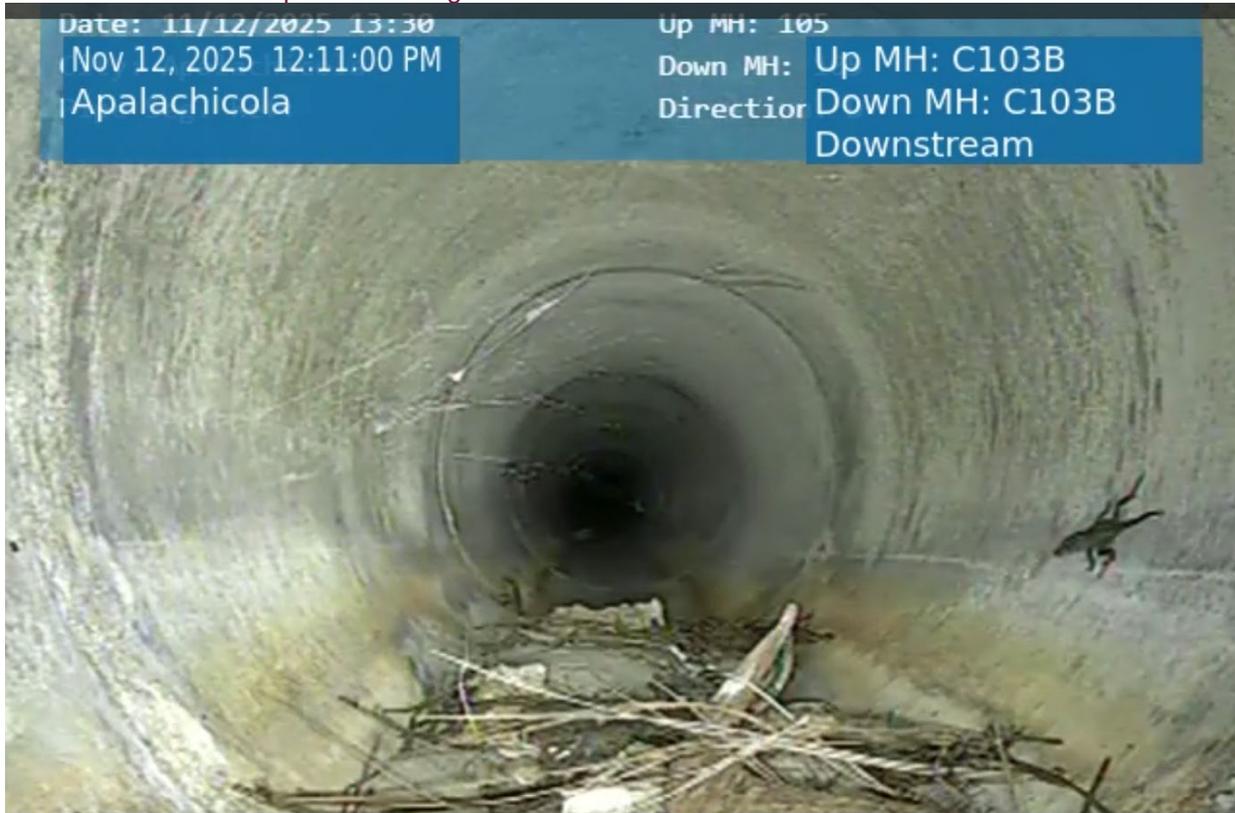
Hole and crack visible at approximately 24.7 feet



Sand build-up prevented further survey of the pipe



Debris and sand build up visible throughout

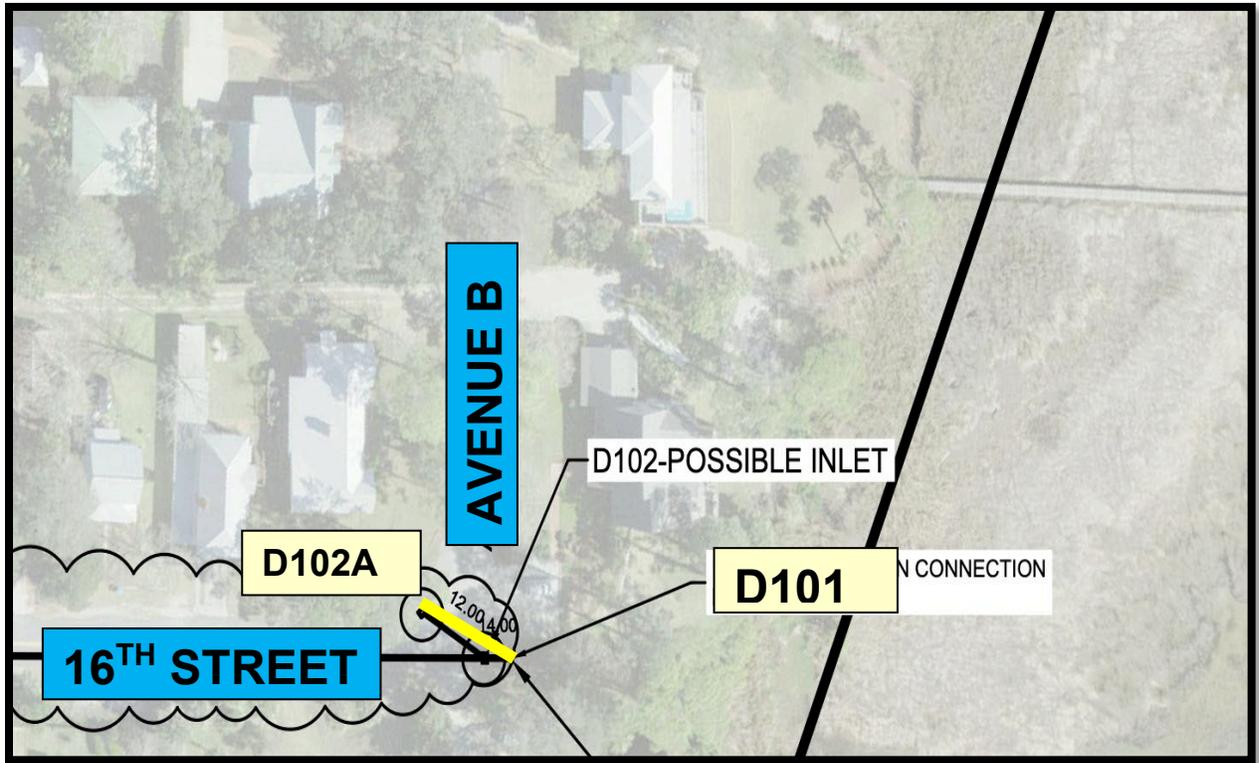


The inspection ended at an unmapped manhole buried.



Video # 20

Project Street	Length Surveyed (FT)	Height	Pipe Use
16 TH St D102A-D101	108.5'	-"	Sanitary Sewer



Sand and debris build up visible throughout

1.8 feet



16.9 feet



48.6 feet



64.7 feet

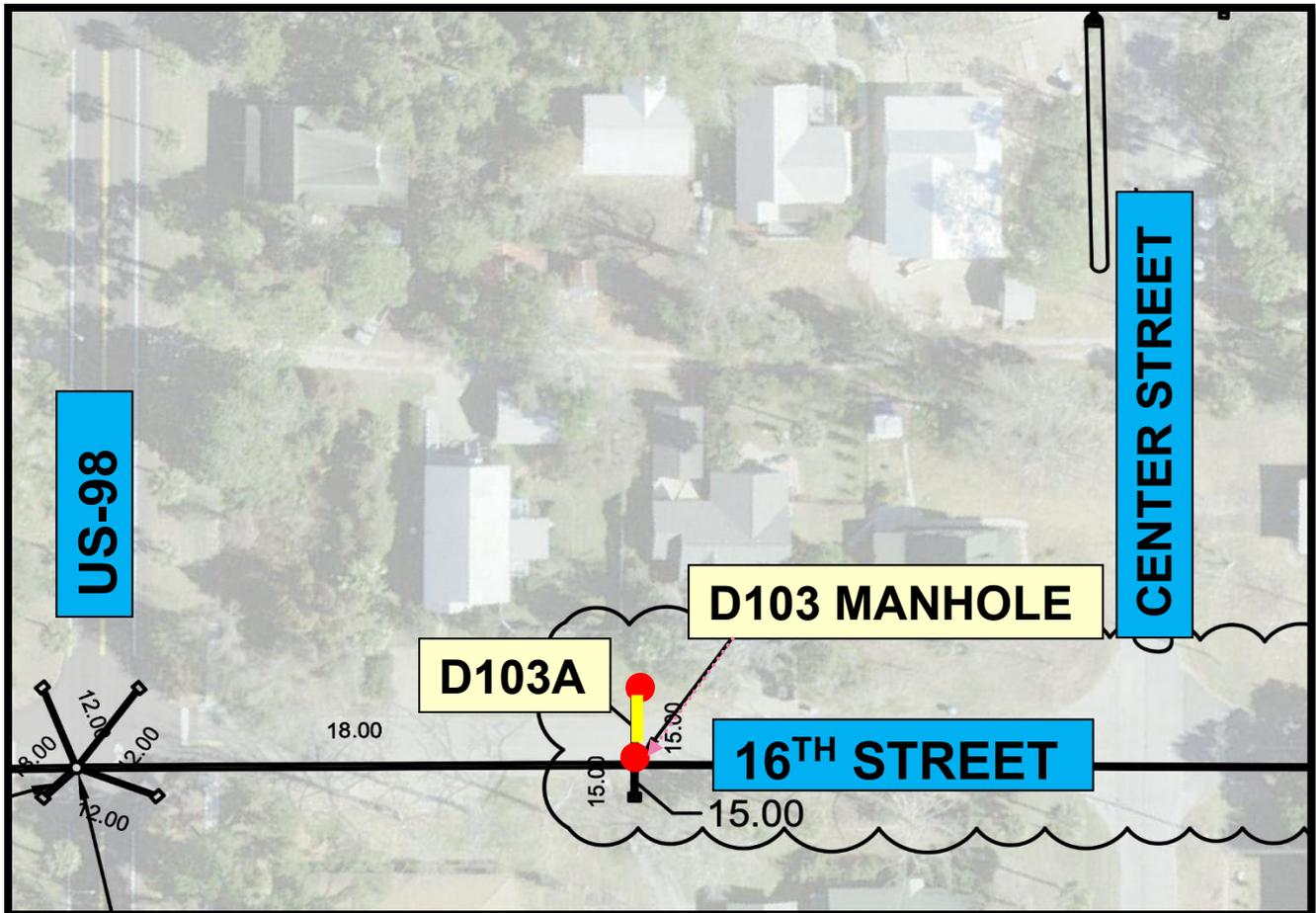


Approximately 70 feet to throughout the remainder of the pipe have significant soil buildup



Video # 21

Project Street	Length Surveyed (FT)	Height	Pipe Use
16 th Street D103A-D103	28.5'	-'	Sanitary Sewer



There is mud & dirt buildup visible throughout pipe. Full length was not surveyed due to a turtle blocking the pipe.



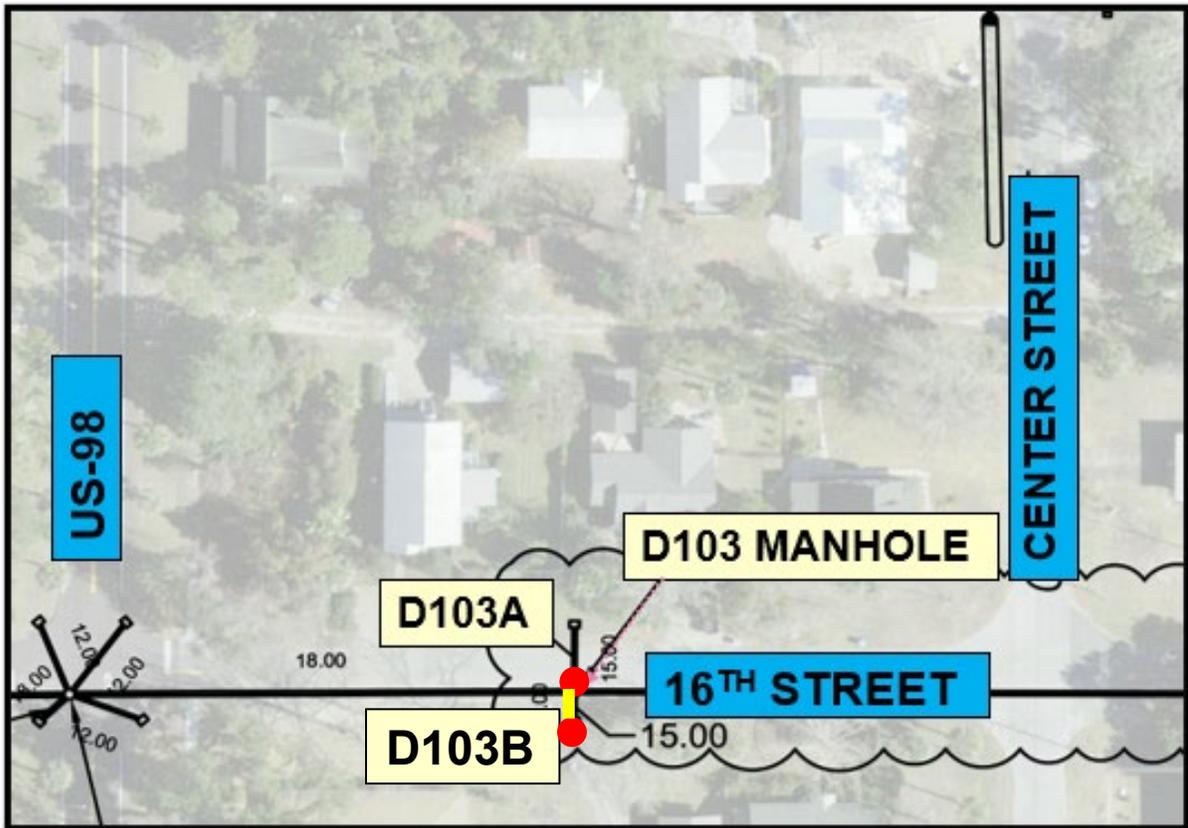
Date: 11/13/2025 06:31
Nov 13, 2025 6:27:00 AM
Apalachicola

Up MH: D104A
Down MH: Up MH: D104A
Director Down MH: D104A
Downstream



Video # 22

Project Street	Length Surveyed (FT)	Height	Pipe Use
16 TH Street D103B-D103	14.2'	-'	Sanitary Sewer

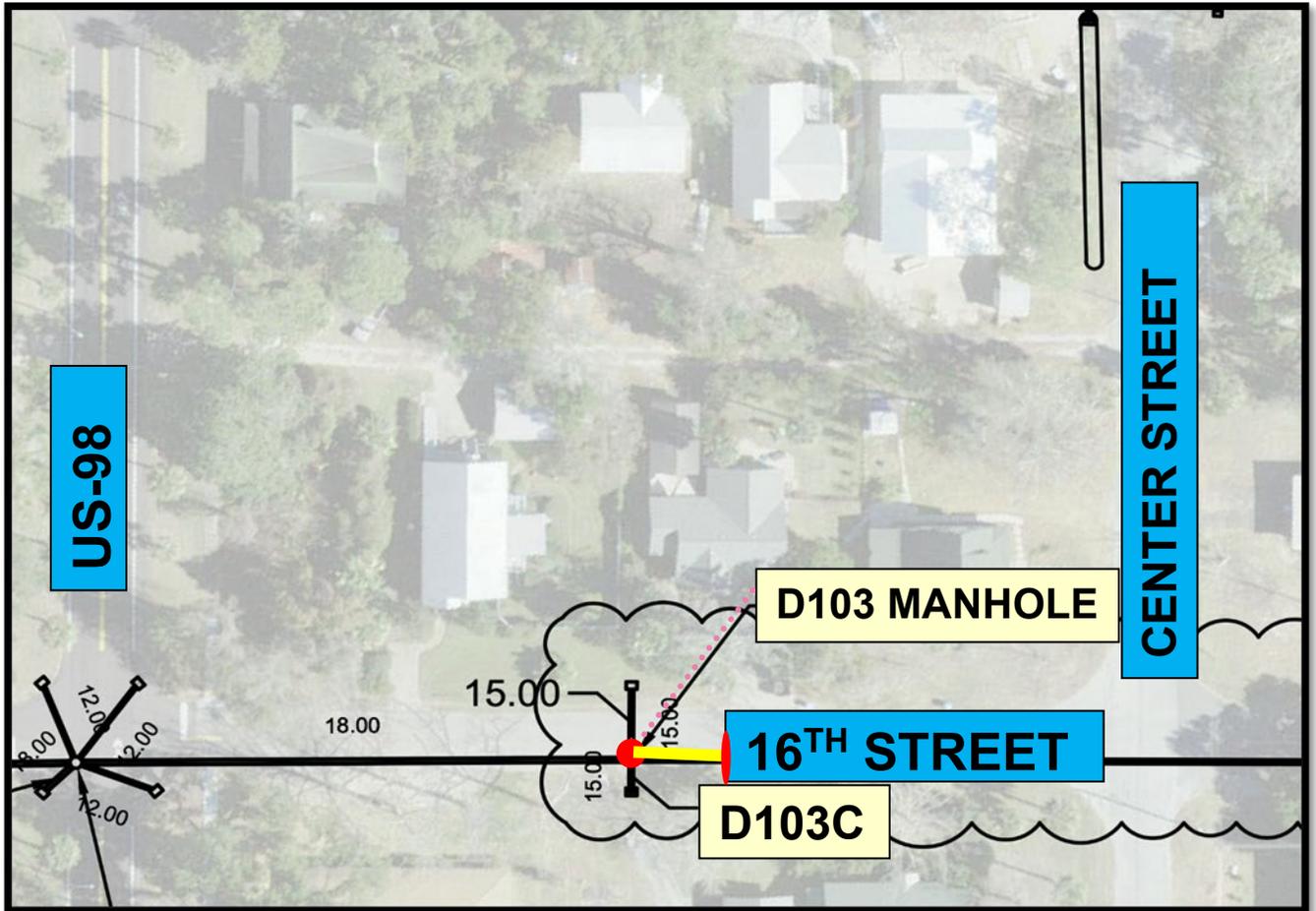


Dirt and debris build-up throughout the pipe



Video # 23

Project Street	Length Surveyed (FT)	Height	Pipe Use
16 th Street D103-D103C	31.5'	-"	Sanitary Sewer



Standing water, sand, and debris visible throughout the pipe



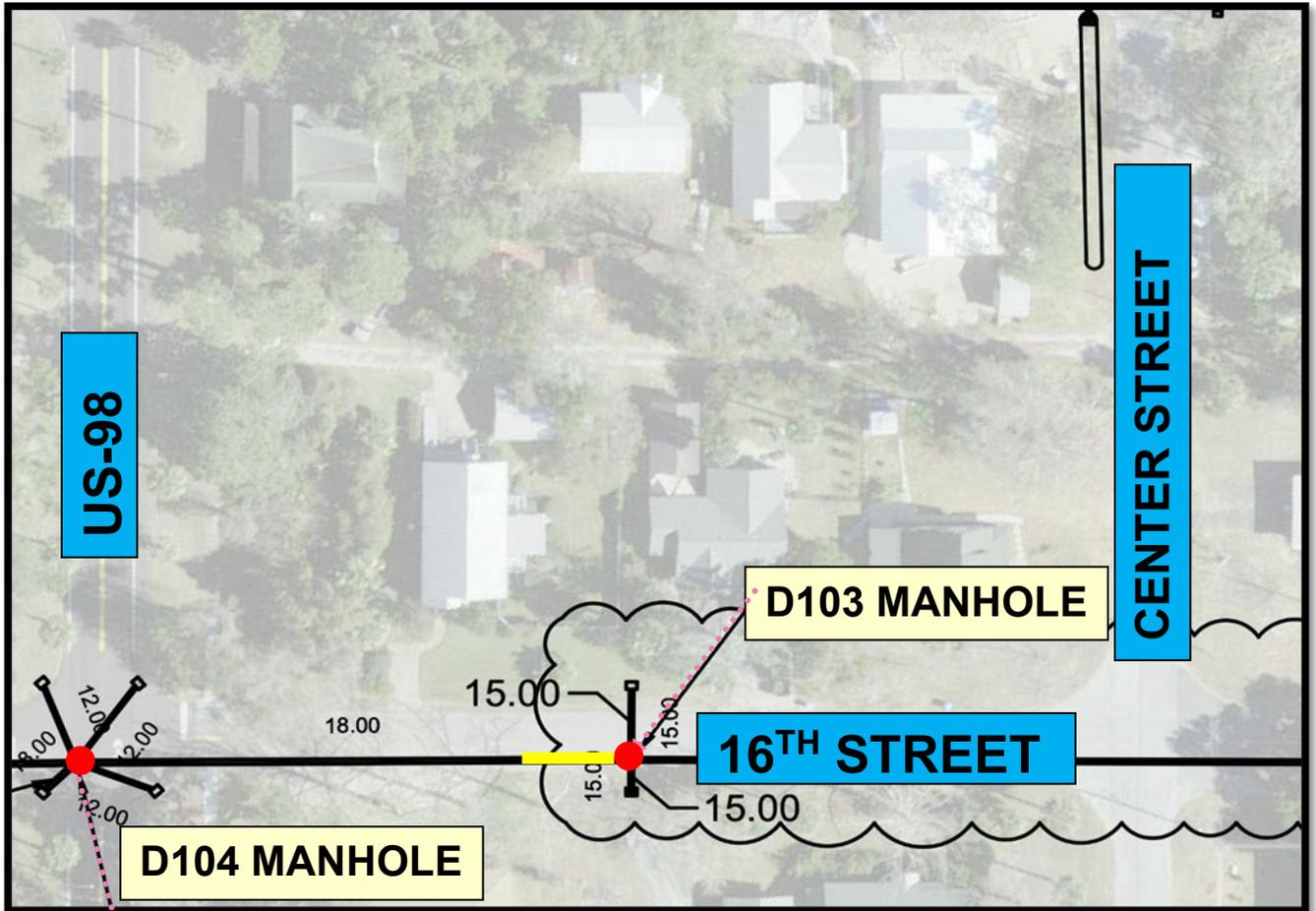


Survey ended due to root ball blocking path



Video # 24

Project Street	Length Surveyed (FT)	Height	Pipe Use
16 th Street D104-D103	21.8'	-'	Sanitary Sewer



Sand build-up throughout pipe



There was a root ball and debris visible at approximately 21.8 feet which prompted the survey end.



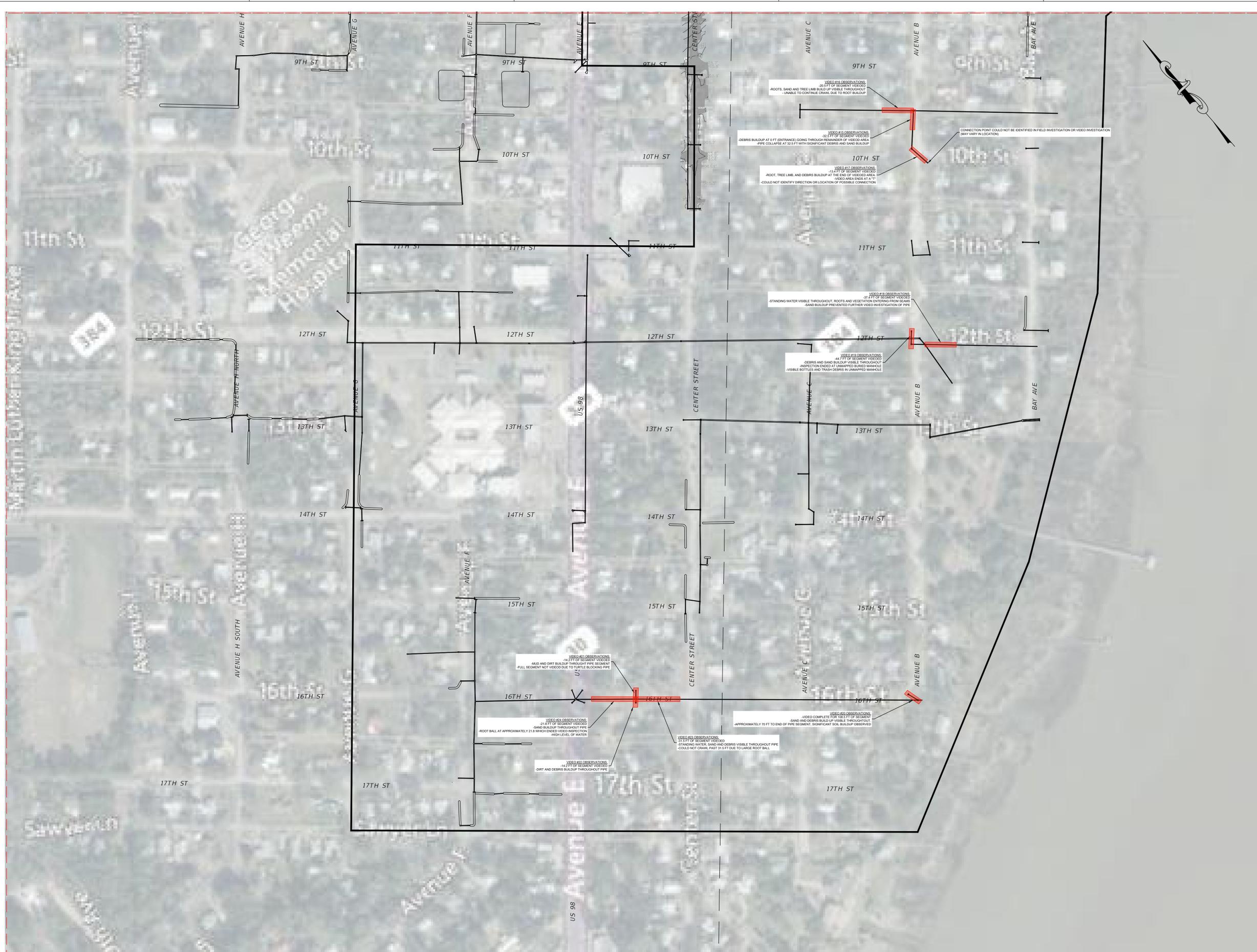
Attachment I

Field Investigation Exhibit

Attachment J

Video Area Observations Exhibit

January 16, 2026 (2:00:01 EST)
K:\50182701\APALACHICOLA DRAINAGE BASIN ANALYSIS\CIVIL\FOLDER_ PROPOSED\50182701_APALACHICOLA DRAINAGE BASIN_MASTER.DWG EXHIBIT 2 VIDEO AREA OBSERVATIONS BY KOLANDOS



NOTE:
1) SEE NOTED DEFICIENCIES SECTION IN APALACHICOLA DRAINAGE ANALYSIS REPORT



324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

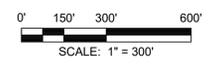
**APALACHICOLA DRAINAGE
BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY**

SEAL

JOSHUA BRYAN BAXLEY, P.E. 67529
EB 0008794

**PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION**

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ KDG
APPROVED BY _____ JBB
CHECKED BY _____ CWB
DATE _____ JANUARY 2026

TITLE
**VIDEO AREA
OBSERVATIONS**

PROJECT NO. 50182701

EXHIBIT
2
SHEET NO.

Attachment K

Stormwise Surcharge Locations Exhibit

1

2

3

4

5

E

D

C

B

A



203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

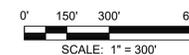
APALACHICOLA DRAINAGE
BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY

SEAL

JOSHUA BRYAN BAXLEY, P.E. 67529
EB 0008794

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO.	DESCRIPTION	DATE
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DRAWN BY	_____	KDG
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APPROVED BY	_____	JBB
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CHECKED BY	_____	CWB
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DATE	_____	JANUARY 2026
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TITLE

KEY SHEET

PROJECT NO.	50182701
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C0

SHEET NO.

January 20, 2026 (16:09:05 EST)
 K:\50182701\APALACHICOLA DRAINAGE BASIN ANALYSIS\CIVIL\FOLDER_ PROPOSED STORMWATER SURCHARGE AREA.DWG CO KEY SHEET BY KGLANDS



E

D

C

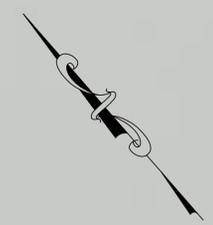
B

A

LEGEND

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	

		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14



203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

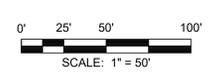
**APALACHICOLA DRAINAGE
BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY**

SEAL

JOSHUA BRYAN BAXLEY, P.E. 67529
EB 0008794

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REVISIONS

NO.	DESCRIPTION	DATE

NO.	DESCRIPTION	DATE

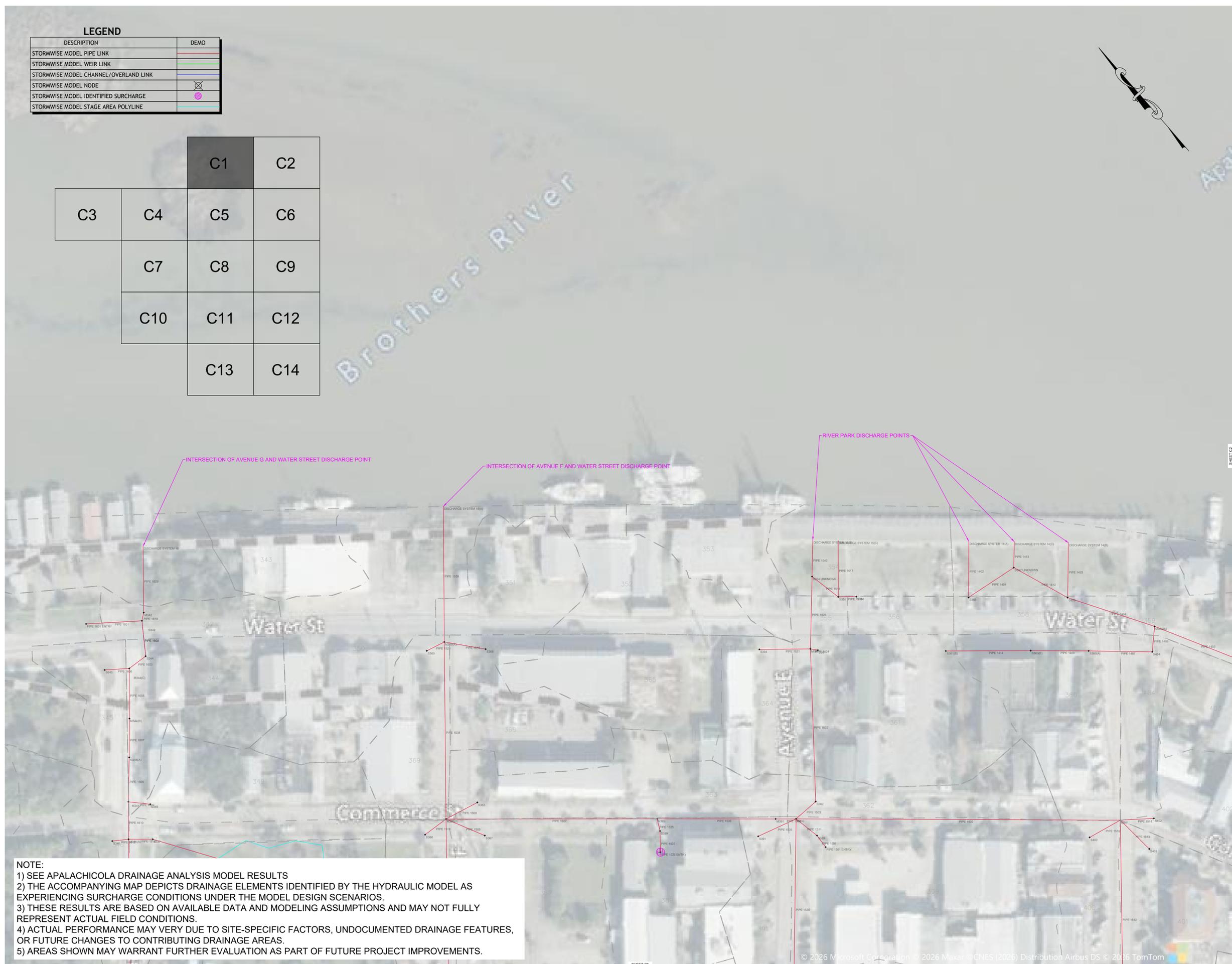
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**STORMWISE
IDENTIFIED
SURCHARGE
LOCATIONS**

PROJECT NO. 50182701

C1

SHEET NO.



NOTE:
 1) SEE APALACHICOLA DRAINAGE ANALYSIS MODEL RESULTS
 2) THE ACCOMPANYING MAP DEPICTS DRAINAGE ELEMENTS IDENTIFIED BY THE HYDRAULIC MODEL AS EXPERIENCING SURCHARGE CONDITIONS UNDER THE MODEL DESIGN SCENARIOS.
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 4) ACTUAL PERFORMANCE MAY VARY DUE TO SITE-SPECIFIC FACTORS, UNDOCUMENTED DRAINAGE FEATURES, OR FUTURE CHANGES TO CONTRIBUTING DRAINAGE AREAS.
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January 20, 2026 (16:09:05 EST)
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SHEET C5
MATCH LINE

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E

D

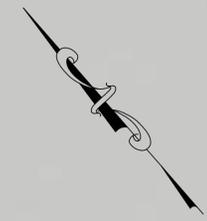
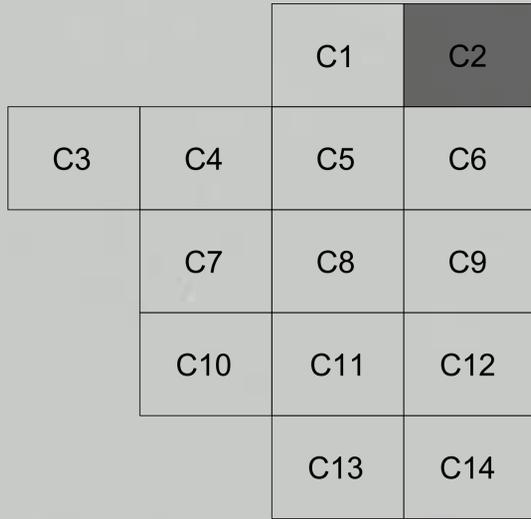
C

B

A

LEGEND

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	



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850.522.0644

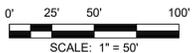
**APALACHICOLA DRAINAGE
BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY**

SEAL

JOSHUA BRYAN BAXLEY, P.E. 67529
EB 0008794

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SCALE



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ KDG
APPROVED BY _____ JBB
CHECKED BY _____ CWB
DATE _____ JANUARY 2026

TITLE

**STORMWISE
IDENTIFIED
SURCHARGE
LOCATIONS**

PROJECT NO. _____ 50182701

C2

SHEET NO.



NOTE:
 1) SEE APALACHICOLA DRAINAGE ANALYSIS MODEL RESULTS
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January 20, 2026 (16:09:05 EST)
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SHEET 06 MATCH LINE

E

D

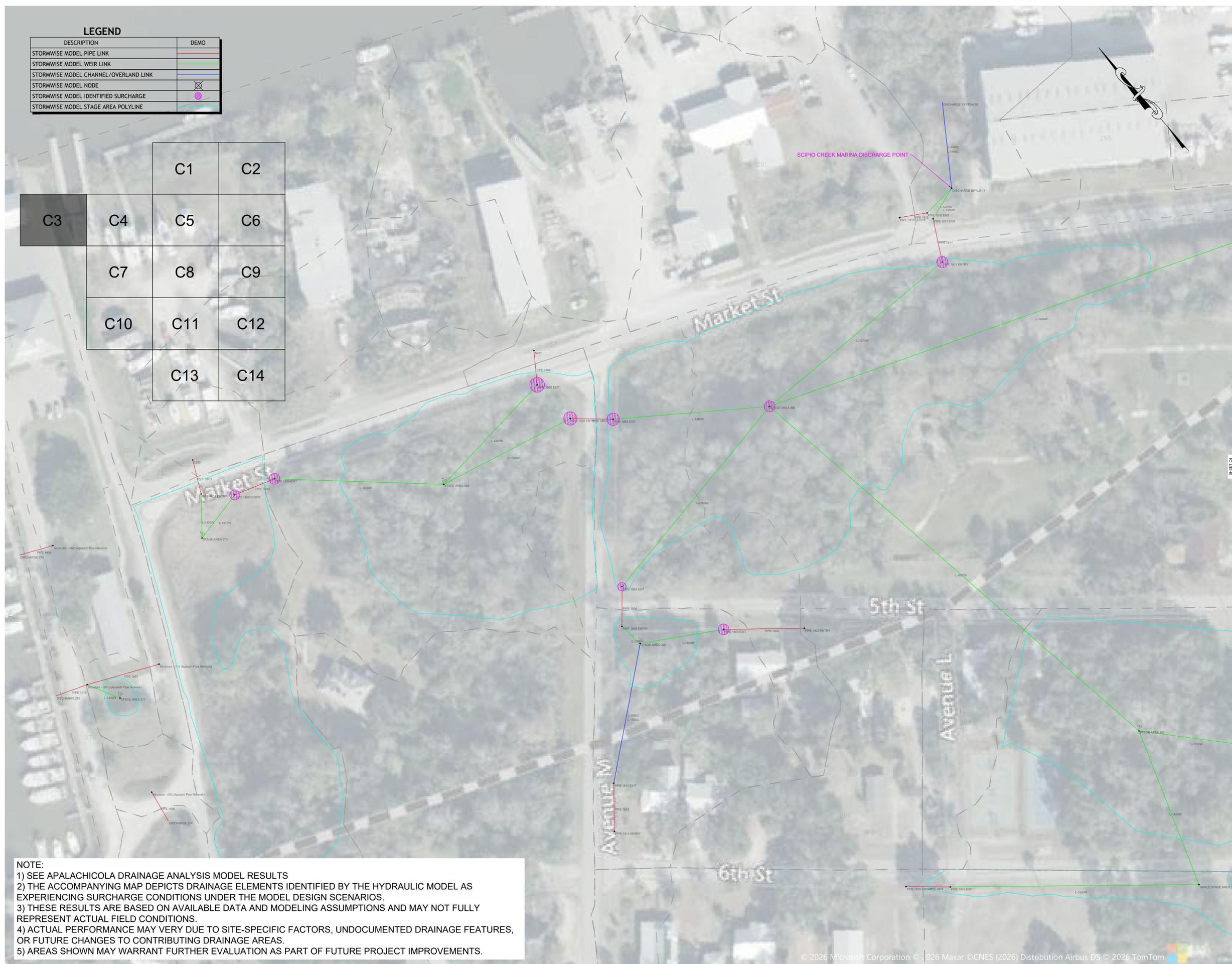
C

B

A

LEGEND	
DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	

		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14



NOTE:
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 850.522.0644

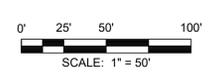
**APALACHICOLA DRAINAGE
 BASIN ANALYSIS
 CITY OF APALACHICOLA
 FRANKLIN COUNTY**

SEAL

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 EB 0008794

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SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO.	DESCRIPTION	DATE

TITLE

**STORMWISE
 IDENTIFIED
 SURCHARGE
 LOCATIONS**

PROJECT NO. 50182701

C3

SHEET NO.

January 20, 2026 (10:09:05 EST)
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E

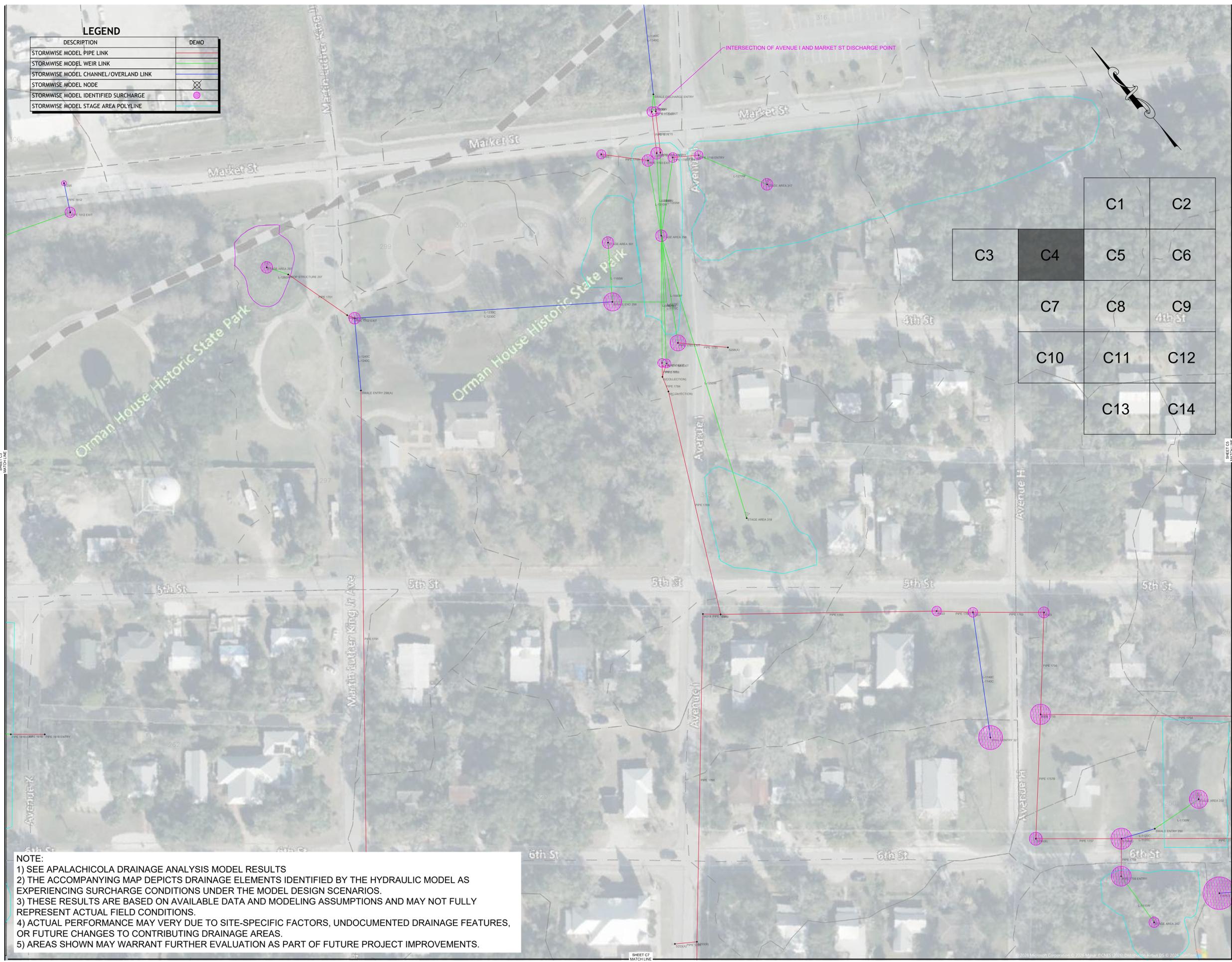
D

C

B

A

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	



		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14

NOTE:
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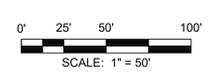
APALACHICOLA DRAINAGE
 BASIN ANALYSIS
 CITY OF APALACHICOLA
 FRANKLIN COUNTY

SEAL

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REVISIONS

NO.	DESCRIPTION	DATE

NO.	DESCRIPTION	DATE

TITLE

STORMWISE
 IDENTIFIED
 SURCHARGE
 LOCATIONS

PROJECT NO. 50182701

C4

SHEET NO.

January 20, 2026 (16:09:05 EST)
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 SHEET C4 MATCHLINE



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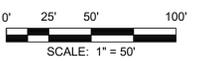
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CITY OF APALACHICOLA
FRANKLIN COUNTY

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EB 0008794

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REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ KDG
 APPROVED BY _____ JBB
 CHECKED BY _____ CWB
 DATE _____ JANUARY 2026

TITLE

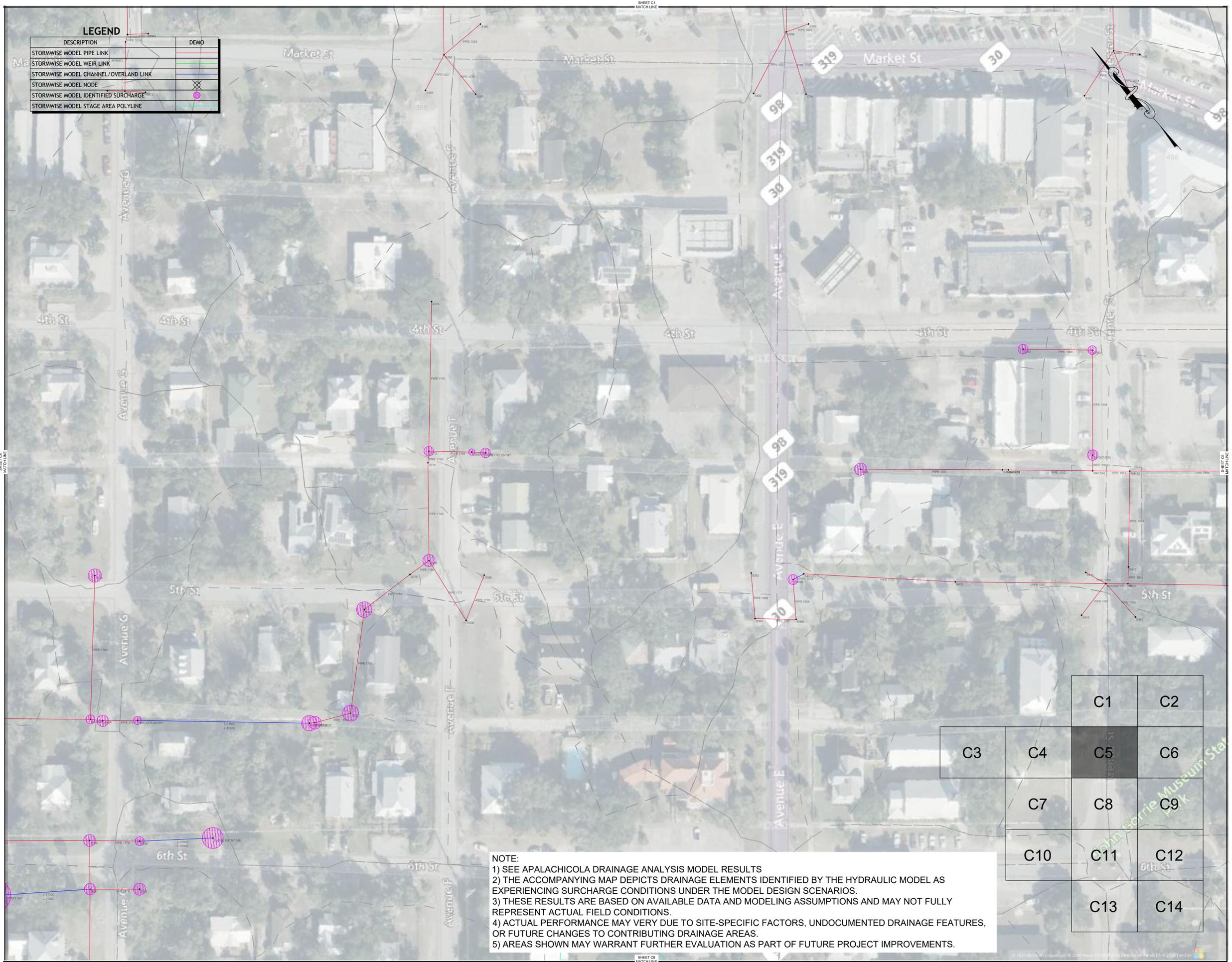
STORMWISE
IDENTIFIED
SURCHARGE
LOCATIONS

PROJECT NO. 50182701

C5

SHEET NO.

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	—
STORMWISE MODEL WEIR LINK	—
STORMWISE MODEL CHANNEL/OVERLAND LINK	—
STORMWISE MODEL NODE	⊗
STORMWISE MODEL IDENTIFIED SURCHARGE	●
STORMWISE MODEL STAGE AREA POLYLINE	—



NOTE:
 1) SEE APALACHICOLA DRAINAGE ANALYSIS MODEL RESULTS
 2) THE ACCOMPANYING MAP DEPICTS DRAINAGE ELEMENTS IDENTIFIED BY THE HYDRAULIC MODEL AS EXPERIENCING SURCHARGE CONDITIONS UNDER THE MODEL DESIGN SCENARIOS.
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2

3

4

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D

C

B

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LEGEND

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	



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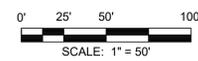
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BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY**

SEAL

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SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

DRAWN BY _____ KDG

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CHECKED BY _____ CWB

DATE _____ JANUARY 2026

TITLE

**STORMWISE
IDENTIFIED
SURCHARGE
LOCATIONS**

PROJECT NO. 50182701

C7

SHEET NO.

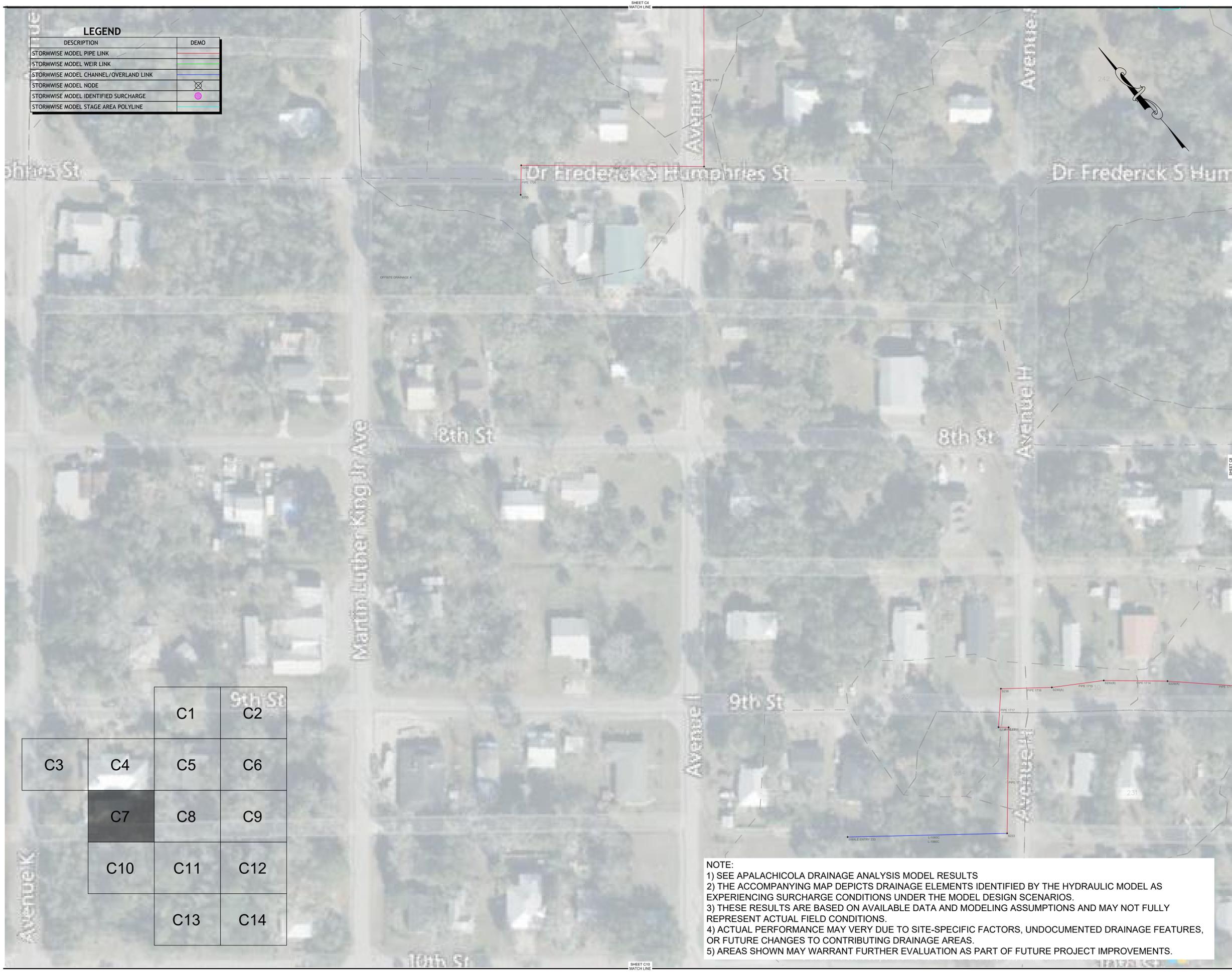
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SHEET C4
MATCH LINE

SHEET C10
MATCH LINE

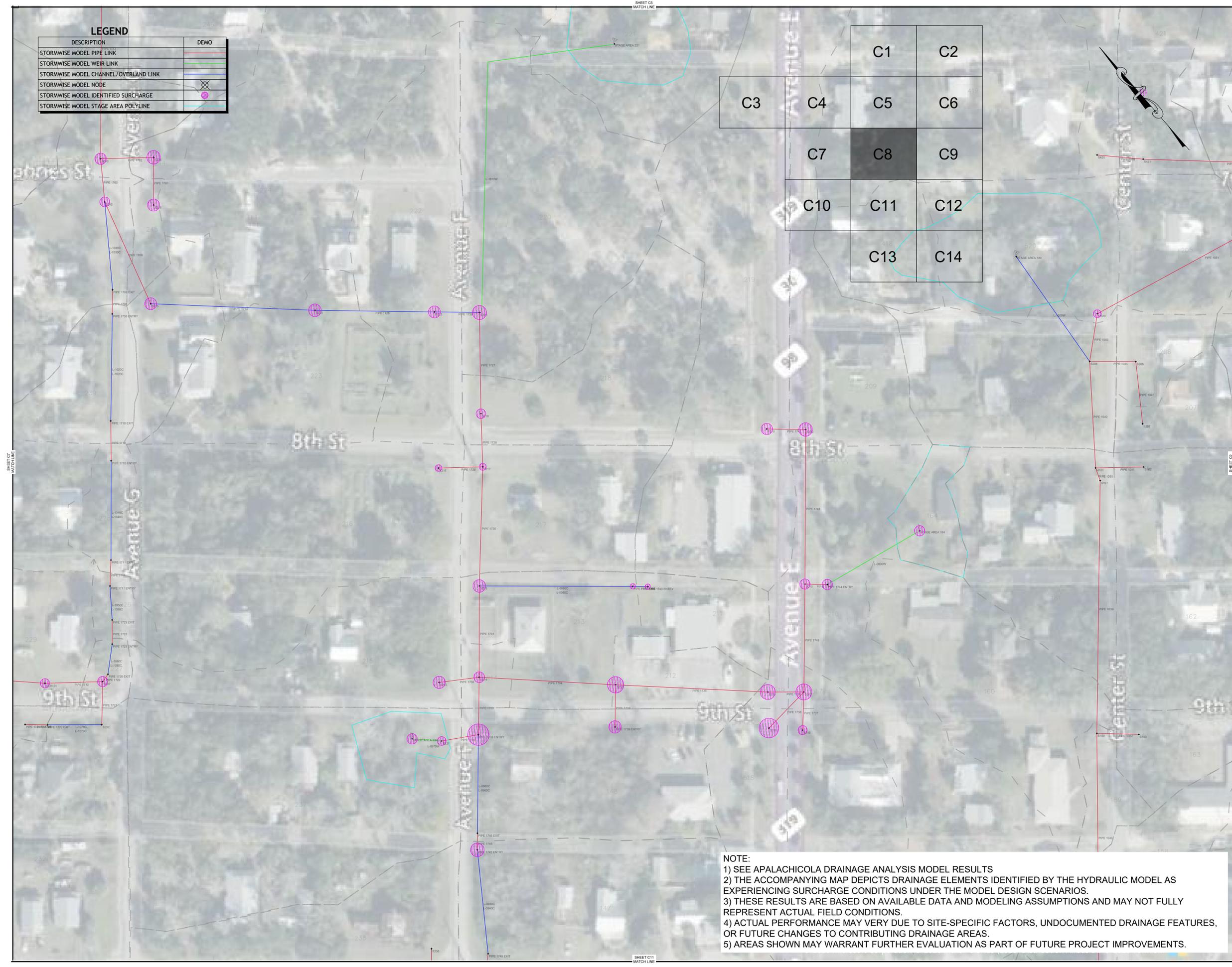
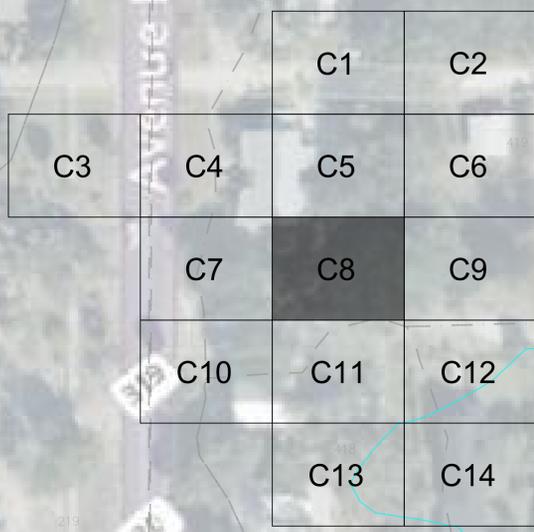
		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14

NOTE:
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LEGEND

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	



NOTE:
 1) SEE APALACHICOLA DRAINAGE ANALYSIS MODEL RESULTS
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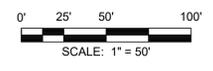
**APALACHICOLA DRAINAGE
 BASIN ANALYSIS
 CITY OF APALACHICOLA
 FRANKLIN COUNTY**

SEAL

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 EB 0008794

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SCALE



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY	KDG
APPROVED BY	JBB
CHECKED BY	CWB
DATE	JANUARY 2026

TITLE

**STORMWISE
 IDENTIFIED
 SURCHARGE
 LOCATIONS**

PROJECT NO. 50182701

C8

SHEET NO.

January 20, 2026 (10:09:05 EST)
 K:\50182701\APALACHICOLA DRAINAGE\BASIN ANALYSIS\CIVIL\FOLDER_ PROPOSED STORMWISE SURCHARGE AREA.DWG C8 STORMWISE IDENTIFIED SURCHARGE LOCATIONS BY: KGLANDS



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APALACHICOLA DRAINAGE
BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY

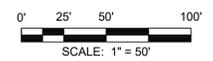
		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14

SEAL

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REVISIONS

NO.	DESCRIPTION	DATE

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 CHECKED BY _____ CWB
 DATE _____ JANUARY 2026

TITLE

STORMWISE
IDENTIFIED
SURCHARGE
LOCATIONS

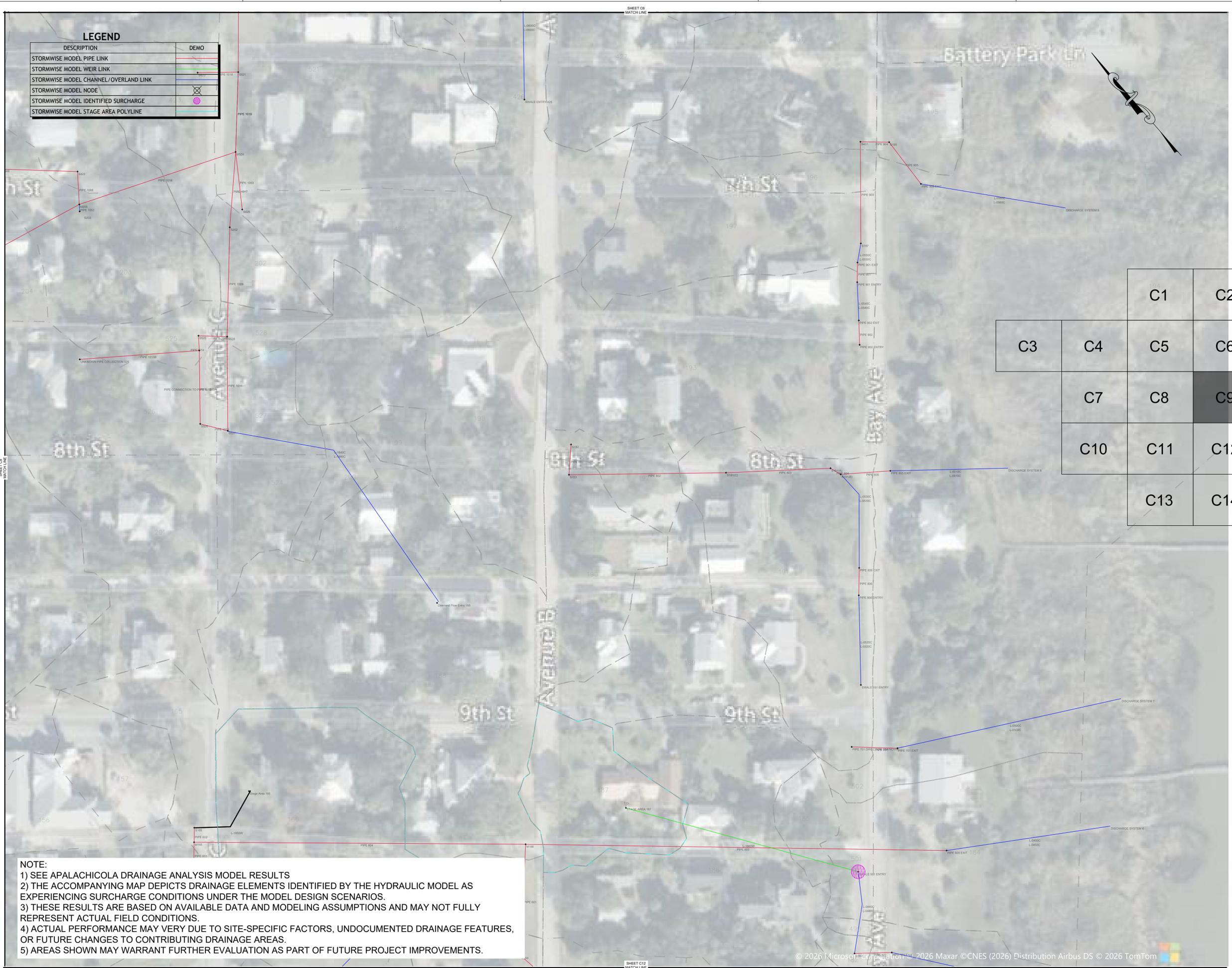
PROJECT NO. 50182701

C9

SHEET NO.

LEGEND

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	



NOTE:
 1) SEE APALACHICOLA DRAINAGE ANALYSIS MODEL RESULTS
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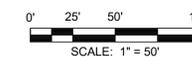
APALACHICOLA DRAINAGE
BASIN ANALYSIS
CITY OF APALACHICOLA
FRANKLIN COUNTY

SEAL

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EB 0008794

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SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

DRAWN BY _____ KDG

APPROVED BY _____ JBB

CHECKED BY _____ CWB

DATE _____ JANUARY 2026

TITLE

STORMWISE
IDENTIFIED
SURCHARGE
LOCATIONS

PROJECT NO. _____ 50182701

C10

SHEET NO.

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	

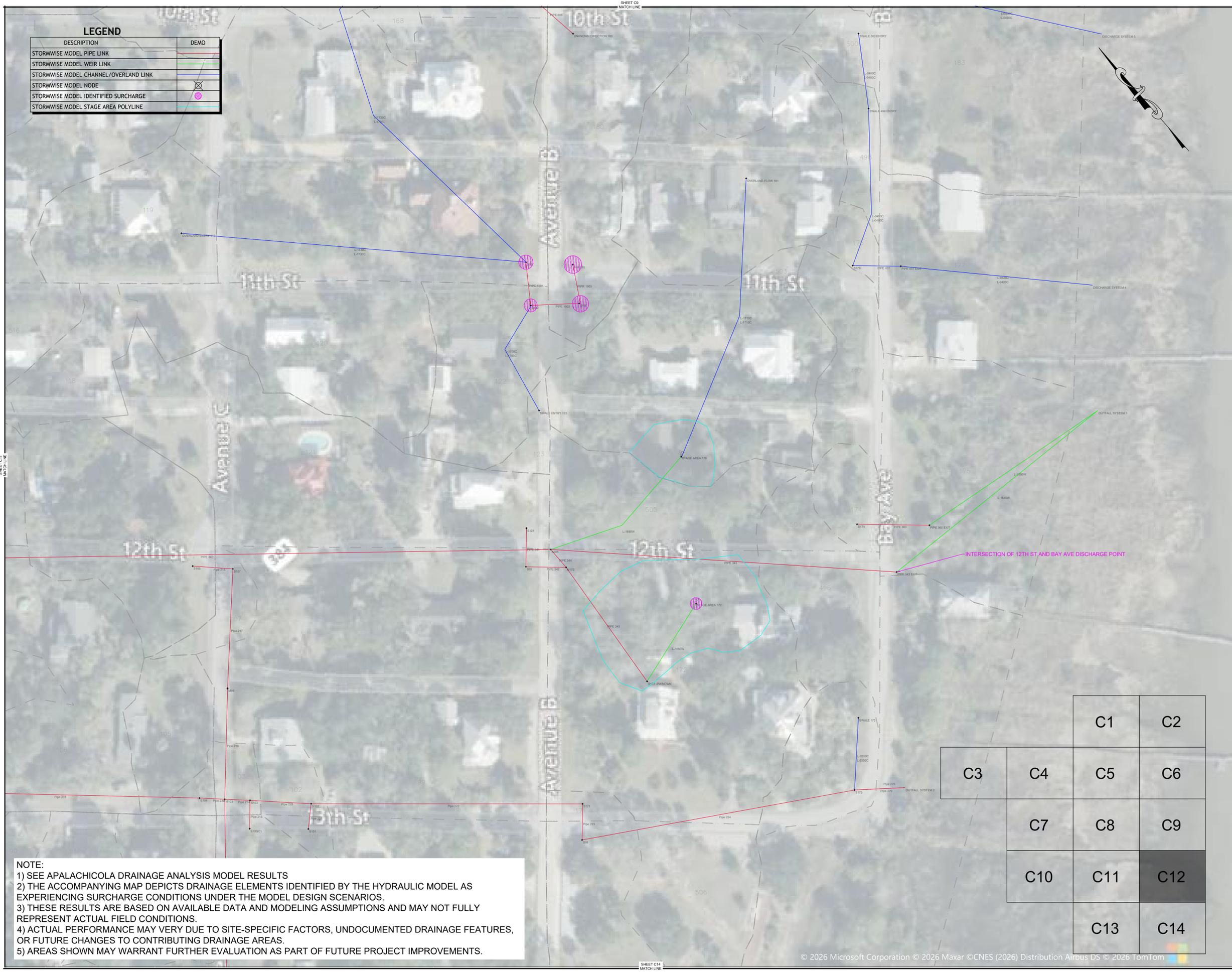
		C1	C2
C3	C4	C5	C6
	C7	C8	C9
	C10	C11	C12
		C13	C14

NOTE:
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K:\50182701\APALACHICOLA DRAINAGE\BASIN ANALYSIS\CIVIL\FOLDER_ PROPOSED STORMWISE SURCHARGE AREA.DWG C10 STORMWISE IDENTIFIED SURCHARGE LOCATIONS BY: KGAJANDS

1 2 3 4 5
E
D
C
B
A

DESCRIPTION	DEMO
STORMWISE MODEL PIPE LINK	
STORMWISE MODEL WEIR LINK	
STORMWISE MODEL CHANNEL/OVERLAND LINK	
STORMWISE MODEL NODE	
STORMWISE MODEL IDENTIFIED SURCHARGE	
STORMWISE MODEL STAGE AREA POLYLINE	



NOTE:
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 Panama City, FL 32405
 850.522.0644

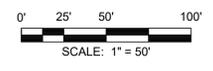
**APALACHICOLA DRAINAGE
 BASIN ANALYSIS
 CITY OF APALACHICOLA
 FRANKLIN COUNTY**

SEAL

JOSHUA BRYAN BAXLEY, P.E. 67529
 EB 0008794

PRELIMINARY DOCUMENTS
 NOT FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ KDG
 APPROVED BY _____ JBB
 CHECKED BY _____ CWB
 DATE _____ JANUARY 2026

TITLE

**STORMWISE
 IDENTIFIED
 SURCHARGE
 LOCATIONS**

PROJECT NO. 50182701

C12

SHEET NO.

