THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT
Florida

TO: Technical Review Committee

FROM: Planning Department

RE: Project: #22-07000007

MEETING DATE: April 21, 2022

Site Plan– Kings Highway Commerce Park Phase II – SE corner of Kings Highway & White Road

- 2324-211-0001-000-6
- 2324-214-0002-000-2
- 2324-241-0003-000-3
- 2324-214-0001-000-5
- 2324-241-0004-000-0
- 2324-241-0002-000-6
- 2324-210-0000-000-6
- 2324-232-0000-000-4
- 2324-211-0002-000-3

Kings Highway Commerce Park is a proposed 107.55 acre development. The applicant is proposing a 750,500 square foot office and warehouse building in Phase II.

Please e-mail comments to ***planning_dl@cityoffortpierce.com*** prior to Tuesday, April 19, 2022.

If you have any questions, please call the Planning department at 772-467-3737.

Thank You

THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT Florida

DEVELOPMENT REVIEW

Property address or Location: See attached

Parcel ID #(s): See attachment

Project description: Proposed 109 acre distribution including warehouse and office

Scannell Properties #533, LLC	Jeff H. Iravani, Inc- Authorized Agent
Property Owner(s)	**Applicant/Representative, Title, Company**
8801 River Crossing Blvd Ste 300	1934 Commerce Lane Suite 5
Street Address	Street Address
Indianapolis IN 46240	Jupiter FL 33458
City State Zip	City State Zip
317-218-1640	5615756030
Phone Number	Phone Number
DanH@scannellproperties.com	jhi@bellsout.net
Email Address	Email Address

Property Owner(s) Acknowledgements: *- This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Applicant (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein. The undersigned consents to inspection and photographing of the subject property by the Planning staff for purposes of consideration of this Application and/or presentation to the Planning Board and City Commission.*

Property Owner(s) Signature(s)

STATE OF FLORIDA -- COUNTY Palm Beach

The foregoing instrument was acknowledged before me this 25 day of February, 2022, by Jeff H. Iravani who is personally known to me or has produced _____ as identification.

Signature of Notary

(Seal) NOTARY PUBLIC STATE OF FLORIDA

Jenna L. Jenkins
COMMISSION # GG270322
EXPIRES: October 23, 2022
Bonded Thru Aaron Notary

INTAKE MEETINGS ARE REQUIRED FOR ALL SUBMITTALS. CALL (772) 467-3729

TO BE COMPLETED BY STAFF

Zoning	Future Land Use	Total Acres	Historic District	Historic Designation
				Contributing Individual Non-Contributing None

Pre-Application Meeting Date_____

Intake Planner_____

Planner Assigned_____

Approved By_____ Date _____

Comments_____

Fees_____ Control #_____ B. Permit #_____

Intake Date Stamp

❑ DEVELOPMENT REVIEW

General Information

- ❑ Incomplete application packets cannot be accepted.
- ❑ Site Plan approval is valid for one (1) year following City Commission approval. In order to maintain site plan approval, vertical improvements, permitted by the Building Department must commence prior to the 12-month expiration date, and building permits must be maintained until site plan is completed, per plans, or approval shall lapse.

Choose Application Type:

Application Type		
■ Site Plan	❑ Conditional Use with New Const.	■ Major Amendment
❑ Conceptual Development Plan		❑ Minor Amendment

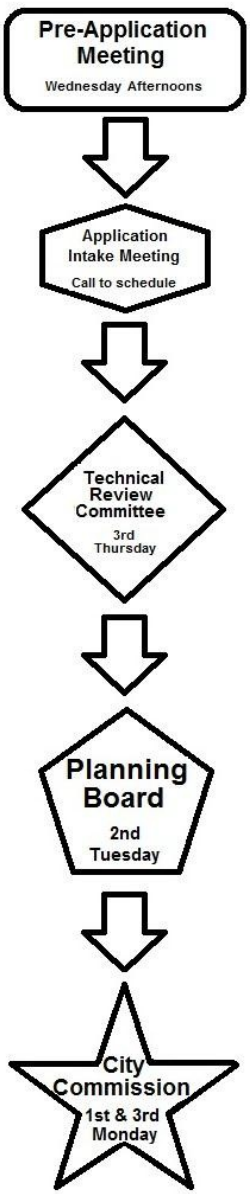
Site Information:

Non-Residential: Proposed Sq. Ft.: 750,500 sf Residential: Proposed Units:_____

Surrounding Uses: *(i.e. single family home, retail, industrial, etc.)*

North	South	East	West

Application Outlook



Site Plan submittal requirements:

Submit one (1) original & thirteen (13) hard copies and one (1) CD of the following. Additional copies will be required of subsequent submittals.

- ❑ Complete notarized application
- ❑ Warranty Deed
- ❑ SLC Property Record Card
- ❑ Statements of ownership & control of proposed development. Statement describing in detail: character & intended use.
- ❑ General location map (see Section 22-58.d.2)
- ❑ Survey (see Section 22-58.d.3)
- ❑ Site Plan (see Section 22-58.d.4)
- ❑ Landscaping Plan (see Section 22-187)
- ❑ Storm Drainage Plan (see Section 22-58.d.6)
- ❑ Environmental Impact Report
- ❑ Beach/Dune System protection plan, if applicable (see Section 22-58.d.7)
- ❑ Lighting Plan (see Section 22-58.d.8)
- ❑ Design Review submittals (see Design Review application)
- ❑ Traffic Impact Report
- ❑ Concurrency Review submittals (see Concurrency Review application)

THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT
Florida

Design Review

Property address or Location: See attached

Parcel ID #(s): See attached

Project Description: Proposed 109 acre distribution including warehouse and office

Scannell Properties #533, LLc
Property Owner(s)

8801 River Crossing Blvd Ste 300
Street Address

Indianapolis | IN | 46240
City | State | Zip

317-218-1640
Phone Number

DanH@scannell properties.com
Email Address

Jeff H. Iravani, Inc - Authorized Agent
Applicant/Representative, Title, Company

1934 Commerce Lane Suite 5
Street Address

Jupiter | FL | 33458
City | State | Zip

5615756030
Phone Number

jhi@bellsouth.net
Email Address

Property Owner(s) Acknowledgements: *- This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Application (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein.*

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NOTARY PUBLIC STATE OF FLORIDA (Seal)

Jenna L. Jenkins
COMMISSION # GG270322
EXPIRES: October 23, 2022
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TO BE COMPLETED BY STAFF

Zoning	Future Land Use	Total Acres	Historic Districts	Historic Designation

Pre-Application Meeting Date _____ Fees _____ Control # _____ B. Permit _____

Intake Planner _____

Planner Assigned _____

Approved _____ Date _____

Comments _____

Intake Date Stamp

Design Review Application Checklist
(City Code of Ordinances 22-59)

Submittal for Administrative Approval

a. A survey (1" = 30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of section 22-194, location of bordering streets and, if applicable, wetlands and beaches.
b. A site analysis study to include a discussion of specimen trees and other natural vegetation, access, significant topography, wetlands, buffers, setbacks, views, orientation, the surrounding built environment and other site features that may influence design elements.
c. A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis study results.
d. Context photographs of neighboring uses and architectural styles.
e. Photographs and/or drawings of architectural buildings or objects that serve as a precedent for the proposed building design. Models should be taken from local exemplary buildings, either existing or demolished. Documentation of such buildings is available in the city's planning department.
f. Photographs of all existing structures located on the property. If existing structures on the property are more than fifty (50) years of age, documentation of these structures with data from the Florida Master Site File form is also required.
g. Conceptual site plan (to scale) showing proposed location of all buildings, structures, parking areas, signs and landscaping.
h. Landscape plan, at the same scale as the site plan. The planning director or designee may request enlarged plans of detailed planting areas. Planting schedule with sizes of proposed plantings must be included.
i. Accurate color rendering of proposed signs showing dimensions, type of lettering, materials and actual color samples that demonstrates cohesiveness with the project design.
j. Exterior elevations showing architectural character, external architectural features and streetscape of the proposed development, including materials, colors, shadow lines and landscaping. The street elevation shall encompass the entire proposed project and generally identify the major elements of the adjacent two (2) properties on either side of the site. If the adjacent properties are vacant or underutilized, a diagram shall be provided that identifies the mass and form that is allowable under current zoning. If the street elevation must be drawn at such a scale as to render architectural details of the building unreadable, drawings of individual buildings at a larger scale should be provided as well.
k. Design review concurrent with conceptual development plan procedure according to subsection 22-58(e) is also available.

Submittal for Board Approval

a. A written narrative describing how the project conforms to administrative approval and design review guidelines of this section.
b. A final site plan meeting the requirements of section 22-58
c. A final site lighting plan that meets the requirements of subsection 22-58(d)(8).
d. A final landscape plan that meets the requirements of Article XII, Landscaping and Trees.
e. Final floor plans and elevation drawings (1/8" = 1'-0" minimum scale), as detailed under administrative approval, showing exterior building materials and colors with architectural sections and details to adequately describe the project.
f. A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT
Florida

CONCURRENCY
CAPACITY ANALYSIS

I. Site Data:

	Existing Use	Future Land Use	Zoning
North	VACANT / AG	COM / RL / RU	AG-1 / AR-1 / R-1
South	VACANT / RV PARK	GC / MXD	C-3 / GC
East	VACANT	GC	C-3
West	VACANT	RM	R4

	Future Land Use	Zoning Classification	Maximum Intensity Residential: Dwelling Units per Acre Other: Square Footage	Total Acreage	Flood Zone
Current	GC	CP-1		109.46	X
****Proposed**	GC	CP-1		109.46	N/A

II. Public Facilities Information:

A. Potable Water:	
Average Use	Residential: 100 gallons per day per person (du x 2.6= persons x 100 gpd = demand) Other: 0.125 gallons per day per square foot 66,000 GPD
Demand Analysis	Maximum
Current Zoning/FLU	Total gallons per day 132,000
**Proposed Zoning/FLU	Total gallons per day 132,000
**Change in Demand	Total gallons per day 0

B. Wastewater:	
Average Use	Residential: 100 gallons per day per person (du x 2.6= persons x 100 gpd = demand) Other: 0.1 gallons per day per square foot 66,000 GPD
Demand Analysis	Maximum
Current Zoning/FLU	Total gallons per day 132,000
**Proposed Zoning/FLU	Total gallons per day 132,000
**Change in Demand	Total gallons per day 0

C. Parks and Recreation (Residential Classifications Only):
(Du x 2.6 = persons + 44,227 = population /LOS)

Park Type	LOS	Existing Population Park Demand	Proposed Population Park Demand	Change in Demand
Regional	20 acres per 1,000 people			
Urban District	5 acres per 1,000 people			
Community	2.5 acres per 1,000 people			
Neighborhood	1.36 acres per 1,000 people			

D. Public Schools (Residential Classifications Only):
Single Family: (du x 0.405 = students/70% K-8/30% High)
Multi-family: (du x 0.207 = students/70% K-8/30% High)

	K-8	High
School Name		
City		
Distance		
Current Zoning/FLU Enrollment Demand		
****Proposed Zoning/FLU Enrollment Demand**		
****Change in Demand**		

E. Solid Waste: Residential (2 yard serves 15 units, 4 yard serves 30 units, 6 yard serves 45 units, 8 yard serves 60 units)	
Demand Analysis	Maximum
Current Zoning/FLU	59,400 CY
****Proposed Zoning/FLU**	59,400
***Change in Demand**	0

F. Stormwater:
Potential increase in volume discharged due to increased impervious coverage, reduced groundwater seepage or loss of surface water storage impacting Adopted LOS of 25-year 3-day storm Pre vs. Post Runoff (Storm sewers to convey 5 year- 1 day storm event; Canals to convey 3 year – 1 day storm event)

Impact	The stormwater management system has been designed in accord w/ SFWMD & NSLRWCD and have permits from both agencies.

III. Transportation Analysis: *Complete ITE Trip Generation Form (Attached)*

G. Transportation Analysis: Complete ITE Trip Generation Data Form Most recent ITE Code for use; HCM Roadway Capacity		
	AADT	**AM/PM Peak Hour Trips**
Demand Analysis	Maximum	Maximum
Current Zoning/FLU	4,108	452 / 486
****Proposed Zoning/FLU**	4,108	452 / 486
***Change in Demand**	Trips 0	Trips 0
Impact to Capacity	LOC-C or better @ 2023	

IV. Project Description

PHASING
Is this project (phase) part of a larger project? ☑ Yes ☐ No
If yes, enumerate each phase, the number of units or square footage in each phase and beginning/completion date.
Total Project: Residential Units: Single Family: Multifamily:
Non-residential (square footage): 750 ksf
Mixed-use (describe use):
(If this is a single phase project, name it Phase I – Total)

RESIDENTIAL DATA

Type	**Phase**	**Number of Units**	**Acres**	**Expected beginning date**	**Expected completion date**
Single-family, detached					
Single-family, attached					
Multi-family					
Other (specify)					

NON-RESIDENTIAL DATA					
Type(s) specify	**Phase**	**Square footage**	**Acres**	**Expecting beginning date**	**Expected completion date**
Distribution/Office/Warehouse	I	485.7 ksf		July 2022	July 2023
Distribution/Office/Warehouse	II	750 ksf		Oct 2022	Oct 2023

A. Indicate whether the proposed project will be eliminating any existing recreational facilities. If yes, detail the number and type being eliminated. ☐ Yes ☑ No

B. 1. Does this application involve demolition or re-use of any structure(s)? ☐ Yes ☑ No
If yes, what is the size of the structure(s) to be demolished or re-used? _____

2. What is the current use of the structure to be demolished or re-used? _____

3. Are you claiming trip credits for the demolition or re-use of a structure(s) at the site? ☐ Yes ☑ No
If yes, provide estimates of credits for each previous use at the site. (Attach sheet with calculations)

C. Exemptions Requested:

** Complete section if requesting a change in zoning, future land use, or expanding

Jeff H. Iravani, Inc.
Consulting Engineers
1934 Commerce Lane, Suite 5
Jupiter, Florida 33458
Tel: (561) 575-6030 Fax: (561) 575-6088
Email: JHI@bellsouth.net Website: www.JHIinc.com

March 24, 2022

City of Ft. Pierce Planning Department
100 North US 1
Fort Pierce, FL 34950

Attn: Jennifer Hofmeister- Drew, AICP, LCAM
Planning Director

Re: **Kings Highway Commerce Park**
Project Description
Scannell Properties #553, LLC
Parcel ID#'s 2324-211-0001-000-6
2324-214-0002-000-2
2324-241-0003-000-3
2324-214-0001-000-5
2324-241-0004-000-0
2324-241-0002-000-6
2324-210-0000-000-6
2324-232-0000-000-4
2324-211-0002-000-3

Dear Jennifer,

Kings Highway Commerce Park is a proposed 107.55 ac mixed use commercial development. The site is located at the southeast corner of Kings Hwy & white Road approximately ½ mile north of Okeechobee Road. Exhibit-A shows the aerial location map of the site.

The owner/applicant is Scannell Properties #553, LLC.

The proposed mixed use includes office, warehousing, and distribution.

The Phase -I of this project, which includes Buildings A & B, were approved by City Commission on September 24, 2021.
The Phase-II of the project is now submitted for development review.

The access is provided by one driveway on Kings Hwy, two driveways on White Road and one on Peters Road.

Jennifer Hofmeister- Drew, AICP, LCAM
Kings Highway Commerce Park
March 24, 2022

Water and wastewater connections are provided by existing lines on both Kings Hwy & Peters Road.

Proposed drainage system includes wet & dry retention/detention areas with exfiltration trenches. Drainage outfall is provided by existing 30" RCP culverts across Kings Hwy to North St. Lucie River Water Control District Canal-40.

The proposed development has a significant positive impact on City of Ft. Pierce economic development by creating significant number of construction and permanent job opportunities, generating significantly higher property tax and would be a model for future development along Kings Highway.

Thank you.

J H Iravani

Jeff H. Iravani, P.E.
President-

Exhibit A



Aerial Location Map

LEGAL DESCRIPTIONS

"A"
PCN 2324-241-0004-000-0
OFFICIAL RECORDS BOOK 1798 PAGE 2252

PARCEL I:
THE WEST 455.58 FEET OF THE EAST 111.8.54 FEET OF THE NORTH HALF OF THE NORTH HALF OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 24, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA.

AND PARCEL II:
THE WEST 1088.54 FEET OF THE EAST 1118.54 FEET OF THE SOUTH 264.18 FEET OF THE SOUTH HALF OF THE NORTH HALF OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA.

"B"
PCN 2324-211-0001-000-6

THE EAST THREE QUARTER (3/4) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION TWENTY-FOUR (24) TOWNSHIP THIRTY-FIVE (35) SOUTH RANGE THIRTY-NINE (39) EAST, LESS AND EXCEPTION THEREFROM THE NORTH 35 FEET AND LESS THE EAST 25 FEET FOR ROAD RIGHT-OF-WAY AND LESS AND EXCEPT PARCELS CONVEYED TO EARLE T. FIELD, JR. AND THERESA M. FIELD, HIS WIFE IN DEED BOOK 206, PAGE 141 AND IN OFFICIAL RECORDS BOOK 492, PAGE 1228; AND LESS PARCEL CONVEYED TO ROBERT LANGEL AND LILLIAN LANGEL, HIS WIFE IN DEED BOOK 207, PAGE 165, ALL OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY FLORIDA.

"C"
PCN 2324-214-0002-000-2
OFFICIAL RECORDS BOOK 1959 PAGE 2516

FROM THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA; THENCE RUN NORTH 100 FEET; THENCE RUN WEST 25 FEET TO THE POINT OF BEGINNING; CONTINUE WEST 213.71 FEET; THENCE NORTH 208.71 FEET; THENCE EAST 213.71 FEET; THENCE SOUTH 208.71 FEET TO THE POINT OF BEGINNING.
LESS AND EXCEPT ANY PORTION LYING IN ROAD RIGHT-OF-WAY FOR PETERS ROAD.

"D"
PCN 2324-214-0001-000-5
OFFICIAL RECORDS BOOK 1828 PAGE 2808

FROM THE INTERIOR QUARTER CORNER OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, RUN NORTH ALONG THE EAST LINE OF THE NORTHWEST 1/4 OF SAID SECTION 1790.5 FEET; THENCE WEST 25 FEET TO THE POINT OF BEGINNING; FROM SAID POINT OF BEGINNING RUN WEST 155 FEET; THENCE NORTH 150 FEET; THENCE EAST 155 FEET; THENCE SOUTH 150 FEET TO THE POINT OF BEGINNING; BEING A PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA.

"E"
PCN 2324-241-0002-000-6

THE NORTH HALF (1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, CONTAINING 5 ACRES MORE OR LESS, THE SAME BEING THE NORTH HALF (N 1/2) OF LOT 9 OF THE NORTHWEST QUARTER (NW 1/4), ACCORDING TO THE BOSTON AND FLORIDA ATLANTIC COAST LAND COMPANY'S SUBDIVISION PER PLAT THEREOF ON FILE IN PLAT BOOK 3, PAGE 32 OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

"F"
PCN 2324-241-0003-000-3

THE SOUTH 60 FEET OF THE EAST 125 FEET OF THE FOLLOWING DESCRIBED PROPERTY:

THE NORTH HALF (1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, CONTAINING 5 ACRES MORE OR LESS, THE SAME BEING THE NORTH HALF (N 1/2) OF LOT 9 OF THE NORTHWEST QUARTER (NW 1/4), ACCORDING TO THE BOSTON AND FLORIDA ATLANTIC COAST LAND COMPANY'S SUBDIVISION PER PLAT THEREOF ON FILE IN PLAT BOOK 3, PAGE 32 OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

"G"
PCN 2324-232-0000-000-4
OFFICIAL RECORDS BOOK 3487 PAGE 76
THE NORTH HALF (N 1/2) OF THE SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA, LESS THE EAST 1118.54 FEET AND THE WEST 25 FEET THEREOF AND LESS THAT PART TAKEN IN STIPULATED ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 3904, PAGE 1474, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.
AND

THE NORTH 60 FEET OF THE WEST 1088.54 FEET OF THE EAST 1118.54 FEET OF THE SOUTH HALF (1/2) OF THE NORTH HALF (N 1/2) OF THE SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA.

"H"
PCN 2324-210-0000-000-6
OFFICIAL RECORDS BOOK 2382 PAGE 1143
THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER AND THE WEST HALF OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA; LESS AND EXCEPTING THERE FROM THE SOUTH 400 FEET OF THE NORTH 903.20 FEET OF THE EAST 750 FEET OF THE WEST 775 FEET OF SAID SECTION 24;
LESS RIGHT-OF-WAY FOR KINGS HIGHWAY AND WHITE ROAD.

TOGETHER WITH THE FOLLOWING DESCRIBED PARCEL "A"
A PARCEL OF LAND LYING IN SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA; MORE PARTICULARLY DESCRIBED AS FOLLOWS:
THE SOUTH 35.30 FEET OF THE NORTH 538.50 FEET OF THE EAST 750 FEET OF THE WEST 775 FEET OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA.

LESS THE FOLLOWING DESCRIBED
PARCEL "B"
A PARCEL OF LAND LYING IN SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA; MORE PARTICULARLY DESCRIBED AS FOLLOWS:
THE SOUTH 35.30 FEET OF THE NORTH 938.50 FEET OF THE EAST 750 FEET OF THE WEST 775 FEET OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA.

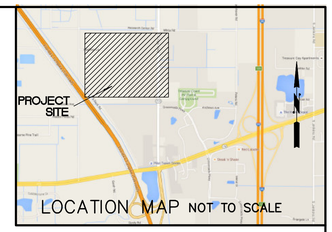
FURTHER LESS AND EXCEPT THE LANDS AS MORE PARTICULARLY DESCRIBED IN ORDER OF TAKING RECORDED SEPTEMBER 29, 2016 IN OFFICIAL RECORDS BOOK 3917, PAGE 899.

"I"
PCN 2324-210-0002-000-3
OFFICIAL RECORDS BOOK 2650 PAGE 1994

A PARCEL OF LAND LYING IN SECTION 24, TOWNSHIP 35 SOUTH RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
THE SOUTH 400 FEET OF THE NORTH 903.20 FEET OF THE EAST 750 FEET OF THE WEST 775 FEET;
TOGETHER WITH:
THE SOUTH 35.30 FEET OF THE NORTH 938.50 FEET OF THE EAST 750 FEET OF THE WEST 775 FEET;
AND LESS:
THE SOUTH 35.30 FEET OF THE NORTH 538.50 FEET OF THE WEST 775 FEET.

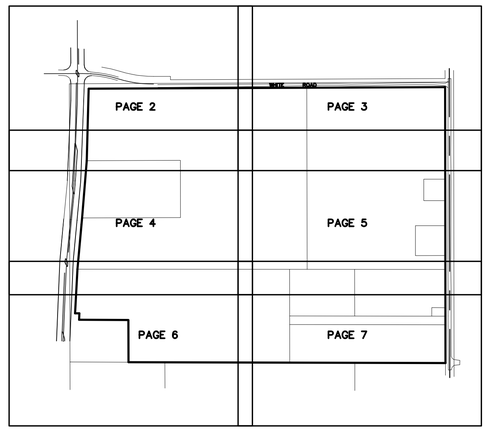
ALL LESS ANY ROAD RIGHTS-OF-WAY AND CANAL RIGHTS-OF-WAY.

ALL PARCELS "A" THROUGH "I" TOGETHER CONTAINING 109.460 ACRES MORE OR LESS

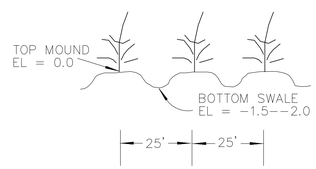


LOCATION MAP NOT TO SCALE

KEY MAP



DETAIL:
DEFUNCT GRAPEFRUIT GROVES
PARCELS A,B, H & I



DISTANCES ARE GROUND DISTANCES
COORDINATES INFORMATION
GRID DATUM – NAD 83, 1990 ADJUSTED
ZONE – FLORIDA EAST ZONE
LINEAR UNIT – U.S. SURVEY FOOT
COORDINATE SYSTEM– 1983 STATE PLANE
TRANSVERSE MERCATOR PROJECTION
SCALE FACTOR = 0.9999961

ELEVATIONS OBTAINED FROM GPS MEASUREMENTS
USING LEICA VIVA GS GNSS RTK
(REAL-TIME KINEMATIC GLOBAL POSITIONING SYSTEM)

VERTICAL DATUM REFERENCE INFORMATION
ST. LUCIE COUNTY
BRASS DISC "FRED"
NAVD ELEVATION = 18.46M MEASURED

PROPERTY SHOWN HEREON IS LOCATED IN
FLOOD ZONE X PER FLOOD INSURANCE RATE
MAP 120286 0167 J DATED FEBRUARY 16, 2012
MAP 120285 0167 J DATED FEBRUARY 16, 2012

NOTE:
THIS SURVEY PERFORMED
WITHOUT BENEFIT OF TITLE

RONALD E. STOTLER
PROFESSIONAL SURVEYOR AND MAPPER
CERTIFICATE NO. 5026
STATE OF FLORIDA

MAGELLAN SURVEYING & MAPPING, INC.
PROFESSIONAL LAND SURVEYORS
LICENSED BUSINESS LB 7577
450 S. OLD DIXIE HIGHWAY, SUITE 10
JUPITER, FLORIDA 33458
561-746-8745 FAX 561-746-9632 E-mail info@magellansurveying.com

Boundary Survey & Topo

Prepared For: KINGS HIGHWAY DEVELOPMENT PARTNERS

Drawn by RES	Date Of Survey	Scale
Field: TF F.B. 178 Pg 37	MAY 5, 2021	NTS
REVISIONS: ADD LOT ELEVATIONS, 05-05-2021		Drawing Number 21-020

CONCRETE/ROCK REVETMENT

CANAL

FORMED CONCRETE REVETMENT COLLAPSING (VERY DANGEROUS)

CONTROL STRUCTURE

swale

B.M.#9
"X" CUT
EL=18.465

COUNTY B.M
"FRED"

ELECTRIC METER

FIRE HYDRANT & VALVE

CONCRETE CULVERT UNDER CONST.

NORTH LINE NORTHWEST QUARTER SECTION 24

N89°44'28"E

FOUND RAILROAD SPIKE
NORTHWEST CORNER
NORTHWEST QUARTER OF
SECTION 24
TOWNSHIP 35 SOUTH
RANGE 39 EAST
CERTIFIED RECORDS:
N1124325.459
E851093.185
GPS MEASEURED
N1124325.459
E851093.890

CONCRETE CULVERT UNDER CONST.

FOUND CONCRETE MONUMENT
34.94' SOUTH
25.53' EAST

SET IRON ROD & CAP "LB 7571"

B.M.#1
NAIL & DISC
"7571"
EL= 16.77

MATCH LINE G

STATE ROAD 713

FDOT STORM MANHOLE

TAKING PARCEL 112
(NORTH PORTION)
ORB 3917, PAGE 899
ORB 3981, PAGE 1816

STORM INLET

STREET LAMP & ELECTRIC BOX typical

MATCH LINE A

WOOD POST & WIRE FENCE typical

PARCEL "A"

N02°53'46"E 904.84'

Δ=06°24'45"

CANAL
(BANKS UNDER RENOVATION)

FDOT STORM MANHOLE

TAKING PARCEL 113
ORB 3917, PAGE 1057
ORB 3969, PAGE 379

"G"

LEGEND:

℄ = CENTERLINE
calc = CALCULATED
meas = MEASURED
= CONCRETE

15.5 = ELEVATIONS
EL = ELEVATIONS

N1121732.623 = STATE PLANE
E851099.141 = COORDINATES

Page 2 of 7 | Scale 1"= 50 | Drawing Number 21-020

MAGELLAN SURVEYING & MAPPING, INC.
PROFESSIONAL LAND SURVEYORS
LICENSED BUSINESS – 7571
450 S. OLD DIXIE HIGHWAY, SUITE 10
JUPITER, FLORIDA 33458
561-746-8745 FAX 561-746-9632 E-mail info@magellansurveying.com

WHITE ROAD

35' ROAD RIGHT-OF-WAY
PER ST. LUCIE COUNTY
OFFICIAL RECORDS BOOK 500, PAGE 2004

15' SEWER EASEMENT
ORB 2276, PAGE 2280

24" CMP CULVERT
NORTH INVERT 12.9
SOUTH INVERT 13.0

18"CMP CULVERT
NORTH INVERT 12.6
SOUTH INVERT 13.0

CMP CULVERT

18"CMP CULVERT
NORTH INVERT 11.2
SOUTH INVERT 9.1

NORTHEAST CORNER
NORTHWEST QUARTER
SECTION 24

CMP CULVERT

CMP CULVERT
B.M.#2
NAIL & DISC
MAGA 45
EL= 16.56

CMP CULVERT

24" CMP CULVERT
NORTH INVERT 9.0
SOUTH INVERT 10.1

DIRT ROAD

2490.3'

O.H.E.

ditch

B.M.#1
IRON ROD &
CAP"7571"
EL= 16.26

WOOD POST &
WIRE FENCE typical

SET IRON
ROD & CAP
"LB 7571"
16' OFFSET
SOUTH

MATCH LINE G

MATCH LINE C

WELL

ditch
berm
ditch

"B"

CONCRETE
HEADWALL
(FALLING DOWN)

EAST LINE
NORTHWEST QUARTER
SECTION 24

Page 3 of 7 | Scale 1"= 50 | Drawing Number 21-020

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LEGEND:

℄ = CENTERLINE
calc = CALCULATED
meas = MEASURED
= CONCRETE

×15.5 = ELEVATIONS
EL = ELEVATIONS
N1121732.623 = STATE PLANE
E851099.141 = COORDINATES

KINGS HIGHWAY STATE RO

CANAL (BANKS UNDER RENOVATION)

FDOT STORM MANHOLE

B.M.#6 "X" CUT EL= 20.45

N02°53'46"E 904.84' meas

R=8468.00', Δ=06°24'45"

STREET LAMP & ELECTRIC BOX typical

MATCH LINE A

WOOD POST & WIRE FENCE typical

PARCEL "A"

"G"

TAKING PARCEL 113
ORB 3917, PAGE 1057
ORB 3969, PAGE 379

CHAINLINK FENCE

UTILITY BOX

O.H.E.

PERMANENT EASEMENT SEE DETAIL 1:

LESSED OUT PARCEL "B"

CATCH BASIN TOP GRATE EL 12.58

STORM INLET

POINT OF REVERSE CURVATURE SET IRON ROD & CAP "LB 7571"

TAKING PARCEL 112 (SOUTH PORTION)
ORB 3917, PAGE 899
ORB 3981, PAGE 1816

CONCRETE POWER POLE typical

GUY WIRES typical

WEST LINE NORTHWEST QUARTER OF SECTION 24

GPS MEASUREMENTS 2592.84' N00°06'58"W 2592.85' CERTIFIED RECORDS 2592.86' MEASURED N00°07'30"W

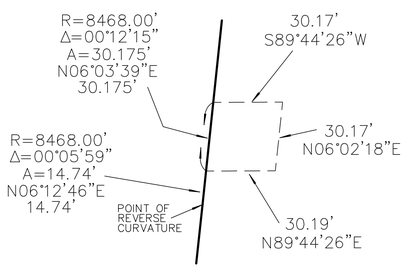
R=8308.00', Δ=04°18'07", A=623.79', CH=623.64', S04°06'39"W

ditch

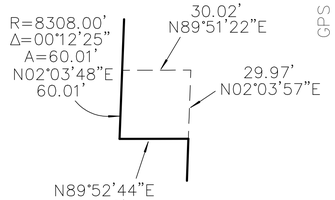
MATCH LINE B

MATCH LINE F

DETAIL: 1
PARCEL NO. 802
PERMANENT EASEMENT
ORB 3917, PAGE 899
ORB 3981, PAGE 1816



DETAIL: 2
PARCEL NO. 801
PERMANENT EASEMENT
ORB 3904, PAGE 1474
ORB 3981, PAGE 1877



Scale 1"= 50

Drawing Number 21-020

MAGELLAN SURVEYING & MAPPING, INC.
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LICENSED BUSINESS #7217
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561-746-8745 FAX 561-746-9632 E-mail info@magellansurveying.com

MATCH LINE C

MATCH LINE F

MATCH LINE D

WELL

WELL

CONCRETE HEADWALL (FALLING DOWN)

EAST LINE NORTHWEST QUARTER SECTION 24

ASPHALT ROADWAY

B.M.#3 NAIL & DISC "7571" EL=16.80

O.H.E.

℄ PETERS ROAD

50' ROAD RIGHT-OF-WAY

PER PLAT BOOK 3, PAGE 32

"A"

"B"

"C"

"D"

"E"

ditch

berm

swale

N

Scale 1"= 50

Drawing Number 21-020

MAGELLAN SURVEYING & MAPPING, INC.
PROFESSIONAL LAND SURVEYORS
LICENSED BUSINESS - 7571
450 S. OLD DIXIE HIGHWAY, SUITE 10
JUPITER, FLORIDA 33458
561-746-8745 FAX 561-746-9632 E-mail info@magellansurveying.com

DETAIL 2:
PARCEL NO. 801
PERMANENT EASEMENT
ORB 3904, PAGE 1474
ORB 3981, PAGE 1877

R=8308.00'
Δ=00°12'25"
A=60.01'
N02°03'48"E
60.01'

30.02'
N89°51'22"E

29.97'
N02°03'57"E

N89°52'44"E
30.02'

R=8308.00' Δ=04°06'39" S

OLD RIGHT-OF-WAY LINE

MATCH LINE B

PERMANENT EASEMENT SEE DETAIL 2:

WOOD POWER POLE typical

WELL

O.H.E.

SET IRON ROD & CAP "LB 7571"

ditch

N89°52'44"E
30.02'

SET IRON ROD & CAP "LB 7571"

Δ=00°18'46"
R=8264.54'
A=45.11'
N01°48'41"E
45.11'

N89°50'04"W
343.82'

SET IRON ROD & CAP "LB 7571"

FDOT STORM MANHOLE

FDOT STORM MANHOLE

CONTROL STRUCTURE

TAKING PARCEL NO. 111
ORB 3904, PAGE 1474

F.D.O.T. LAKE

N00°07'16"W
295.04'

TOP OF BANK

MARCH LINE E

FOUND IRON ROD & CAP "ILLEGIBLE"

SET IRON ROD & CAP "LB 7571"

FOUND IRON ROD & CAP "LB 7571" 1.25' WEST 2.15' SOUTH

N89°50'03"W

TREASURE

PCN 232

OFFICIAL REC

PCN 2324-233-0000-000-7

OFFICIAL RECORDS BOOK 3176 PAGE 228
OFFICIAL RECORDS BOOK 3138 PAGE 1047

FOUND RAILROAD SPIKE
SOUTHWEST CORNER
NORTHWEST QUARTER OF
SECTION 24
TOWNSHIP 35 SOUTH
RANGE 39 EAST
CERTIFIED RECORDS:
N1121732.613
E851098.852
GPS MEASURED
N1121732.623
E851099.141

CROSSROADS PARKWAY

N89°41'33"W

SOUTH LINE
NORTHWEST QUARTER
SECTION 24

-25 0 50 100
1" = 50

Page 6 of 7 | Scale 1"= 50 | Drawing Number 21-020

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MATCH LINE D

MATCH LINE E

ditch

"A"

"E"

"F"

WELL

CULVERT

HEADWALL

S00°04'58"E

T.B.M.#1
IRON ROD
ELEVATION = 16.0

T.B.M.#2
IRON ROD
ELEVATION = 16.1

B.M.#4
NAIL & DISC
"4569"
EL=17.20

WOOD POST &
WIRE FENCE typical

GATE VALVE

FIRE HYDRANT

CULVERT

CATCH
BASIN

B.M.#5
NAIL & DISC
CATCH BASIN
EL=17.14

SEWER
MANHOLE

SEWER
MANHOLE

CHAINLINK
FENCE

2215.32'

FOUND IRON
ROD & CAP
"4655"

1)FOUND
IRON ROD
(DISTURBED)
4.85' EAST

2)FOUND IRON
ROD & CAP
"3870"
5.30' EAST
1.55' NORTH

FOUND
NAIL & DISC
"ILLEGIBLE"
SOUTHEAST CORNER
NORTHWEST QUARTER
SECTION 24

ASURE COAST RV RESORT

PCN 2324-234-0000-000-0

OFFICIAL RECORDS BOOK 2355 PAGE 1059

PCN 2324-244-0001-000-8

OFFICIAL RECORDS BOOK 3808 PAGE 2549

2653.85' meas
2653.77' calc

ANDREWS AVENUE

Page 7 of 7 | Scale 1"= 50 | Drawing Number 21-020

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Construction Plans & Specifications
For
Kings Highway Commerce Park
Phase-II

Section 24 Township 35S Range 39E

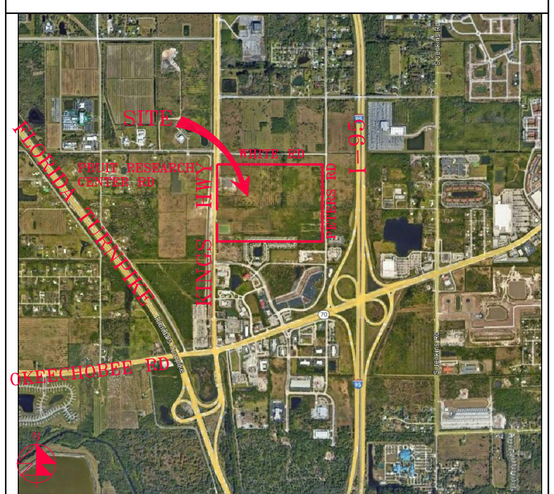
Fort Pierce, Florida

Developer

Scannel Properties #533, LLC

8801 River Crossing Blvd,
Suite 300,
Indianapolis, Indiana 46240

Aerial



Vicinity Map

Drawing Index

C-1	Cover Sheet
C-2	Pavement Marking Overall Plan
C3-C11	Pavement Marking Plans
C-12	Grading, Paving, & Drainage Overall Plan
C13-C21	Grading, Paving, & Drainage Plans
C-22	Water & Wastewater Overall Plan
C23-C31	Water & Wastewater Plans
C-32	Pollution Prevention Plan
C-33	Sections
C-34	Grading, Paving, & Drainage Details
C-35	Grading, Paving, & Drainage Details
C-36	Grading, Paving, & Drainage Details
C-37	Water Details
C-38	Wastewater Details
C-39	Wastewater Details
C-40	Lift Station Details
C-41	Lift Station Details

REVISIONS

Jeff H. Iravani, Inc.
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EMAIL: JHI@bellsouth.net
WEBSITE: www.JHIinc.com

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Cover Sheet

JOB NO.	2101-1355
DRAWN BY	CLJ
DESIGNED BY	JHI
SCALE	NA
DATE	01/22/21

SEAL

FR # 6986

SHEET NO.
C-1

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

WHITE ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

EXIST 35 R/W

PROP 60' R/W

PROP ADD'L 25' R/W

N89°44'28"E

2490.37'

DRY DET-4
0.70 AC
(BIO-SWALE)

DRY DET-5
2.59 AC (BIO-SWALE)

FUTURE TRAILER PARKING

LITTORAL ZONE

R=8511.00'

A=478.81'

FOUNTAIN

N89°44'39"E
43.08'

LAKE-1
5.34 AC

R=8468.00'

A=471.37'

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

600'

1,250'

DRY DETENTION-7 11.63 AC (BIO-SWALE)

1929.06'

FOUNTAIN

LITTORAL ZONE

R=8508.00'

A=623.78'

DRY DET-6
2.56 AC

LAKE-2
1.93 AC

LITTORAL ZONE

FOUNTAIN

N89°51'22"E
30.02'

Δ=00°18'46"

N89°50'04"W
343.82'

BENCH W/TRASH BIN TYP

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

LS

LITTORAL ZONE

LAKE-3
2.30 AC

FOUNTAIN

S00°04'58"E

PETERS ROAD

295.04'

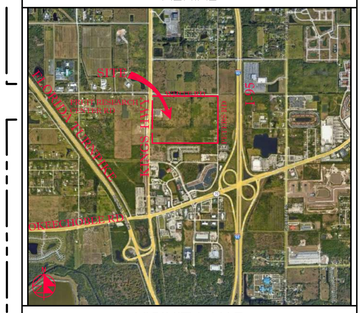
N00°07'16"W

DRY DETENTION-8 2.07 AC

N89°50'03"W

2215.32'

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

100' 0 50' 100' 200'

SCALE: 1" = 100'

LEGEND	
⊕19.7	PROP PAV'T EL
18.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
WM	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN. FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21
REV PER FPUA 11-30-21
REV PER SP 01-15-21

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Overall Pavement Marking Plan

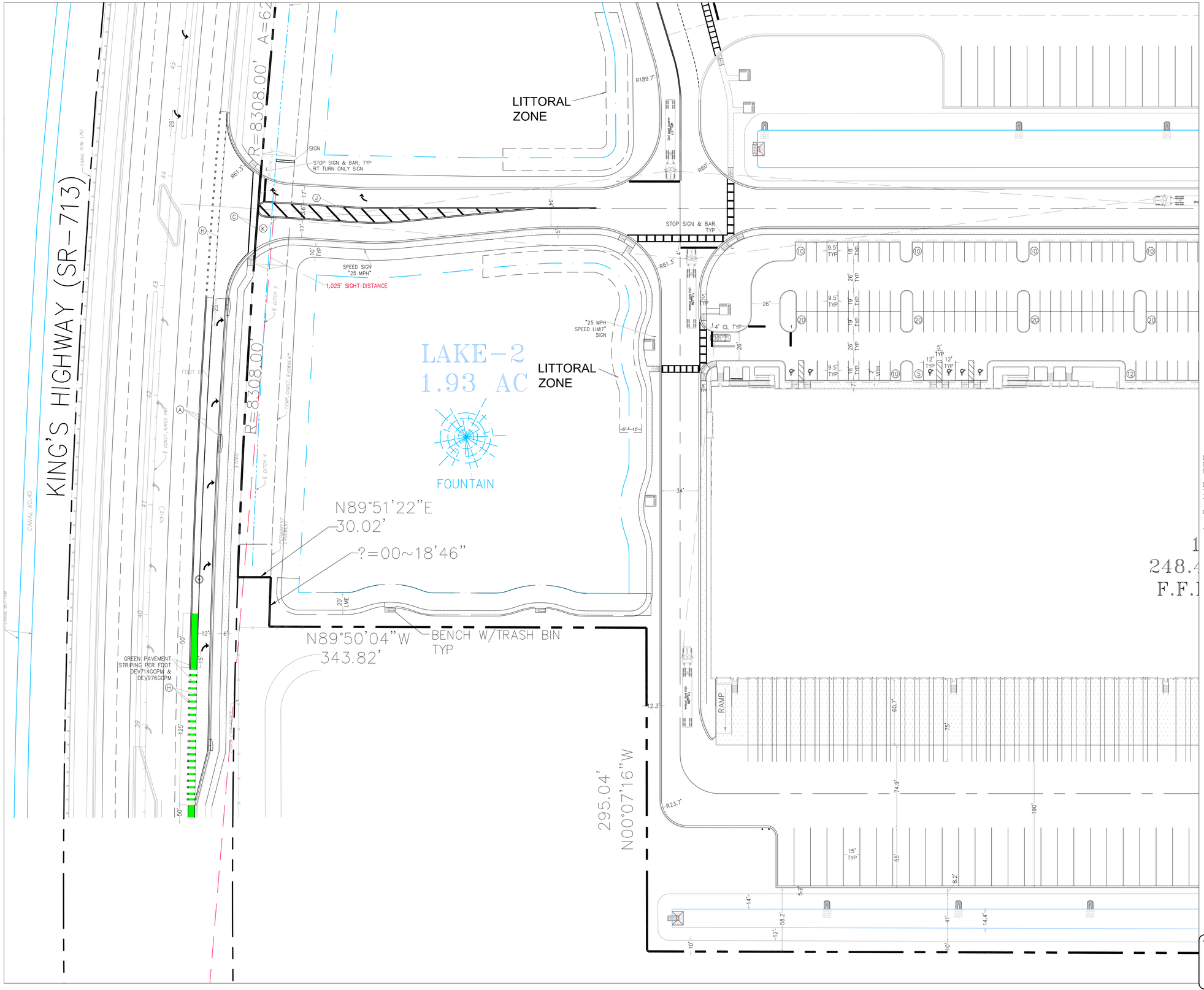
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DESIGNED BY: JHI
SCALE: 1" = 100'
DATE: 01-22-2021

SEAL

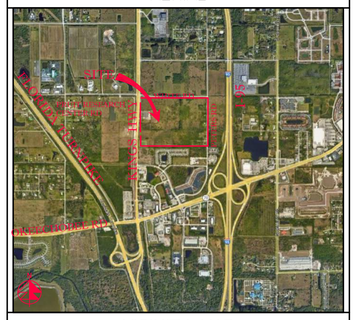
COA 6986

SHEET NO.
C-2

SEE SHT C-6



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

1. SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
2. ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
3. CORE STRIPING RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT STANDARD INDEX 711-001.
4. ALL CONSTRUCTION IN FDOT R/W MUST BE PERFORMED ACCORDING TO THE APPLICABLE FDOT ROADWAY AND DRAINAGE DESIGN STANDARDS AND SPECIFICATIONS.
5. STD PARKING STALL STRIPING SHALL BE TRAFFIC PAINT ALL OTHER STRIPING & PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
6. 19'-24" DEEP ROOT BARRIERS MUST BE INSTALLED ALONG ALL CURBS & SIDEWALKS WITHIN 10' OF EXISTING OR PROPOSED TREES. (SEE LANDSCAPE PLANS).
7. SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
8. ALL HANDICAP RAMPS & DETECTABLE WARNINGS CONSTRUCTED IN ACCORD W/ DESIGN STD'S.
9. ALL CONSTRUCTION AND RESTORATION WORK WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT STANDARDS INDEX AND THE FDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.

STRIPING LEGEND	
(A)	6" SOLID WHITE
(B)	8" SOLID WHITE
(C)	12" SOLID WHITE
(D)	18" SOLID WHITE
(E)	24" SOLID WHITE
(F)	6" SKIP WHITE TYP (10'-30')
(G)	6" SKIP WHITE TYP (6'-10')
(H)	6" SKIP WHITE TYP (2'-4')
(I)	6" SOLID YELLOW
(J)	18" SOLID YELLOW
(K)	6" DOUBLE YELLOW
(L)	6" SKIP YELLOW (10'-30')
(M)	6" SKIP YELLOW TYP (6'-10')
(N)	6" SKIP YELLOW TYP (2'-4')
(P)	PRM BI-DIRECTIONAL AMBER/AMBER
(R)	FDP WHITE
(S)	FDP YELLOW
(T)	RPM BI-DIRECTIONAL WHITE/RED
(U)	RPM BI-DIRECTIONAL RED/YELLOW

LEGEND	
⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Pavement Marking Plan

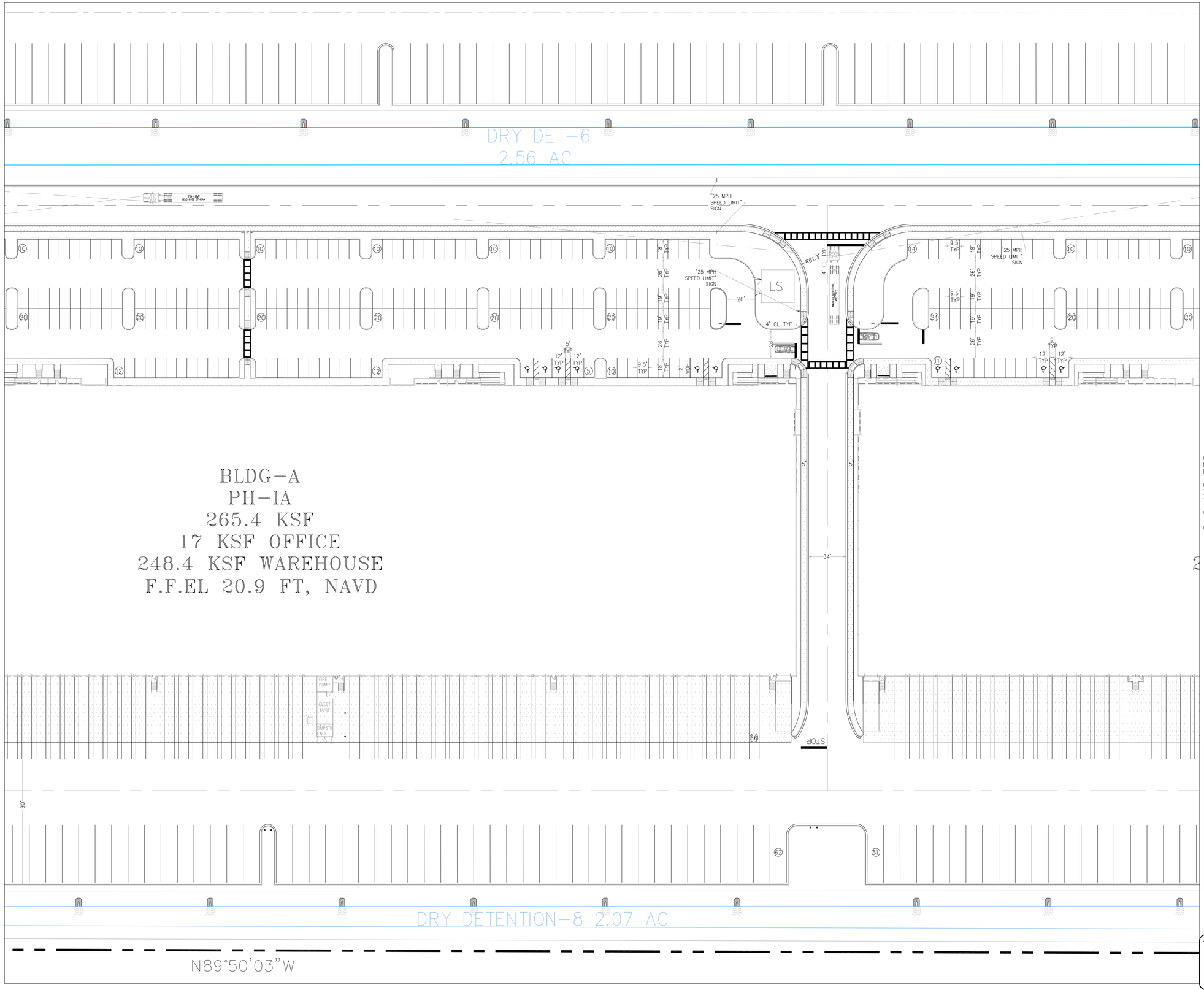
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01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

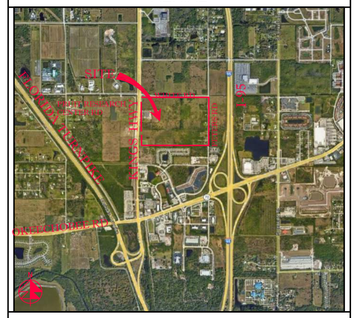
SHEET NO.
C-3

SEE SHT C-8



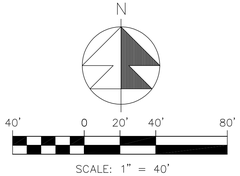
SEE SHT C-5

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

NOTES:

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2. ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
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Kings Highway Commerce Park
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Fort Pierce, Florida

Pavement Marking Plan

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01-22-21	1"=40'	JHI	DDI	2101-1355

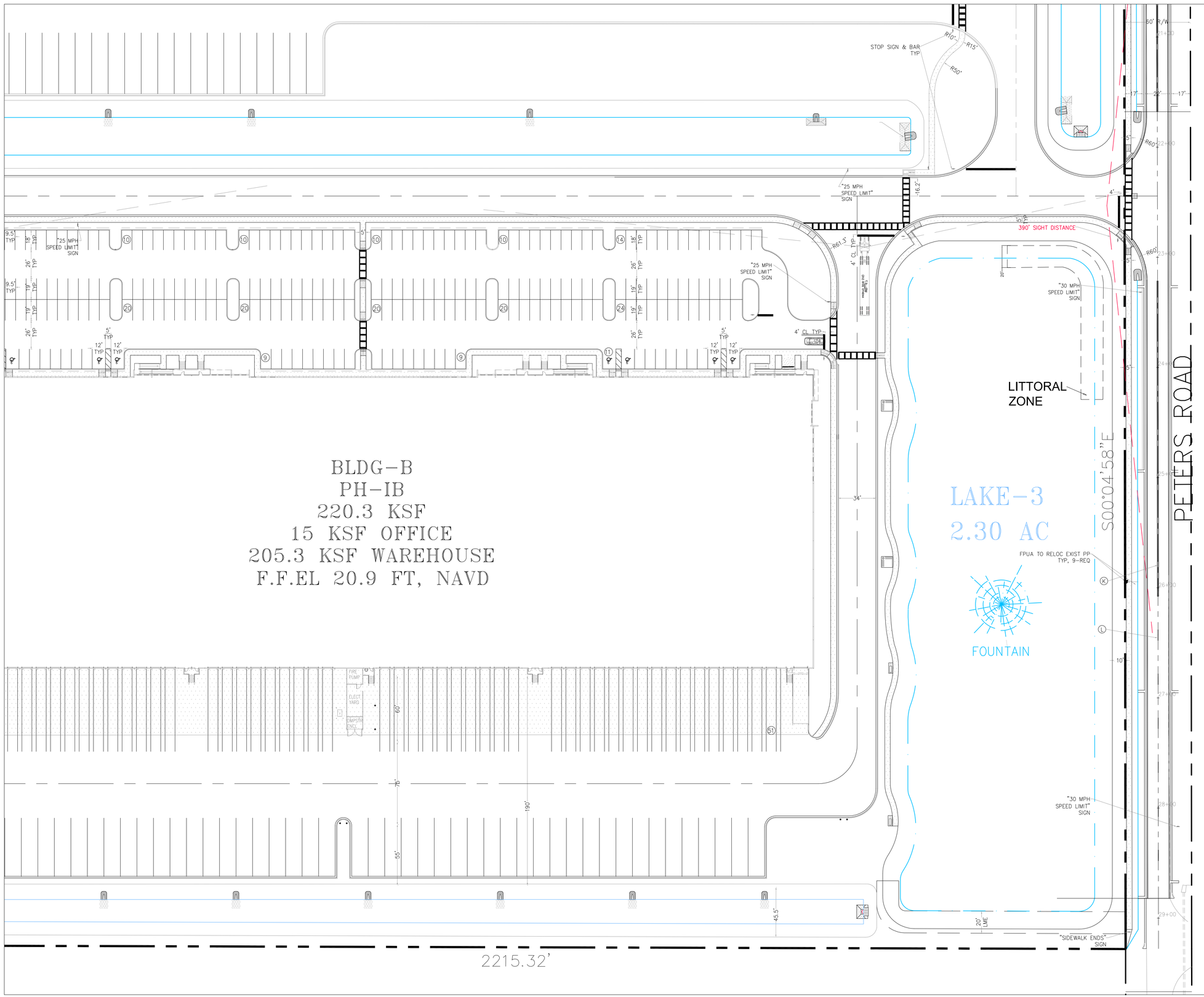
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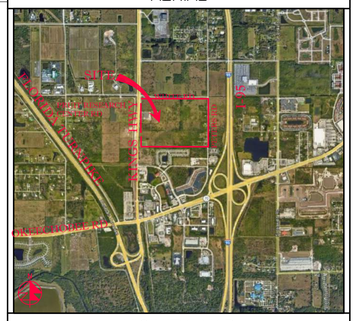
SHEET NO.
C-4

SEE SHT C-10

SEE SHT C-4



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

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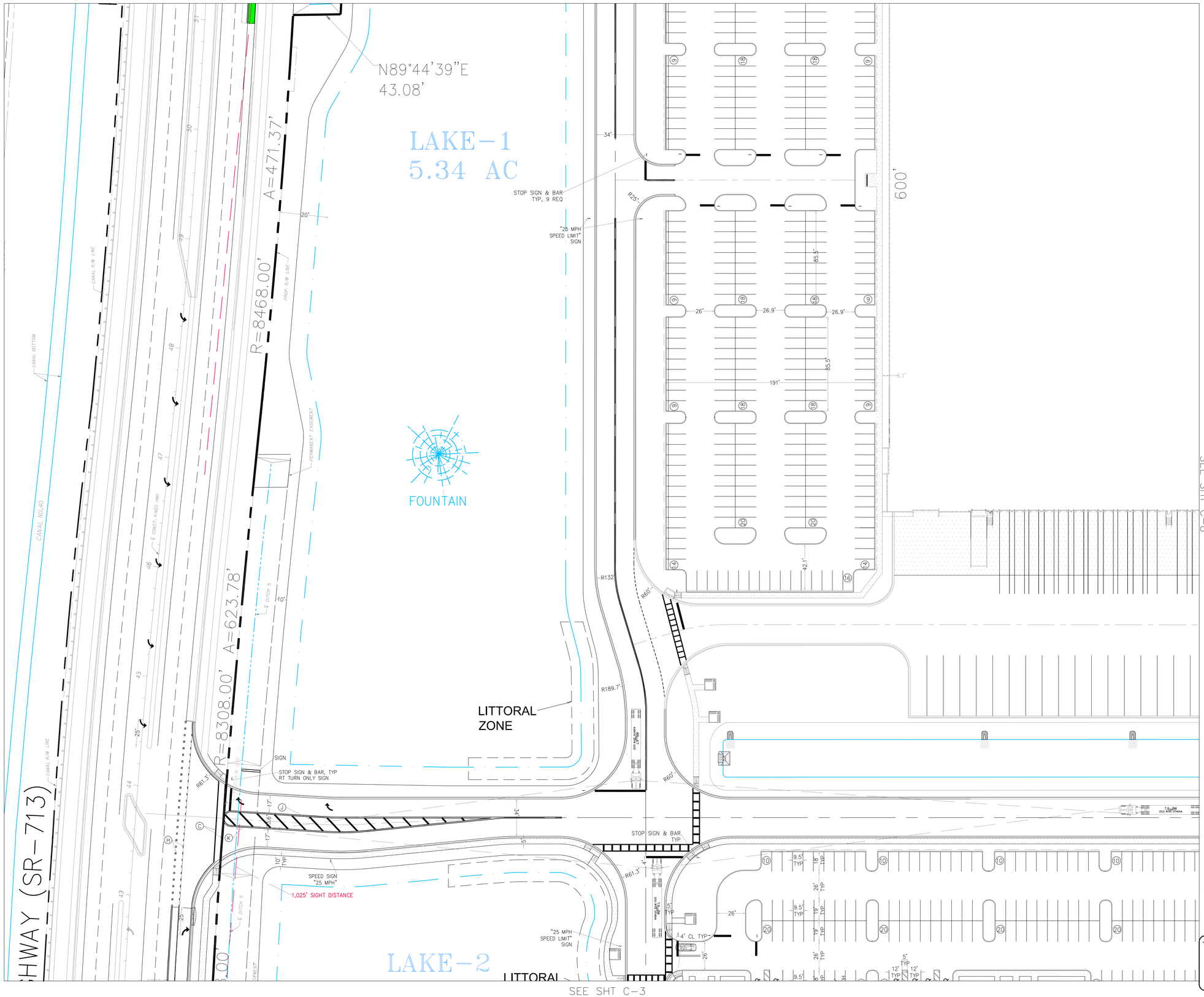
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2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

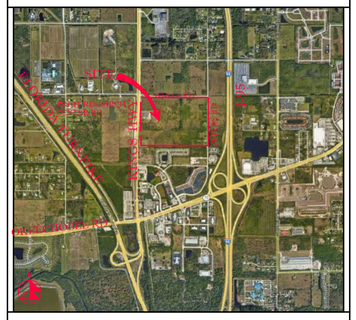
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SHEET NO.
C-5

SEE SHT C-7



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

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SEAL

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SHEET NO.
C-6

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

CANAL NO.40

CANAL BOTTOM

STOP SIGN & BAR

1,025' SIGHT DISTANCE

"30 MPH SPEED LIMIT" SIGN

6" WHITE W/W-R RPMS

E CONST. KINGS HWY

E DITCH 7

PROP. R/W LINE

E DITCH 6

TEMP. CONST. EASEMENT

4.3' FDOT TEMPORARY CONSTRUCTION EASEMENT

PROPOSED FDOT DRAINAGE EASEMENT

R=8511.00' A=478.81'

A=471.37'

GREEN PAVEMENT STRIPING PER FDOT DEV714GCPM & DEV976GCPM

FOUNTAIN

N89°44'39"E
43.08'

LAKE-1
5.34 AC

DRY DET-4
0.70 AC
(BIO-SWALE)

LITTORAL ZONE

DETECTABLE WARNING 2 REQ'D, TYP

STOP SIGN & BAR, TYP

510' SIGHT DISTANCE

"25 MPH SPEED LIMIT" SIGN

N89°44'28"E

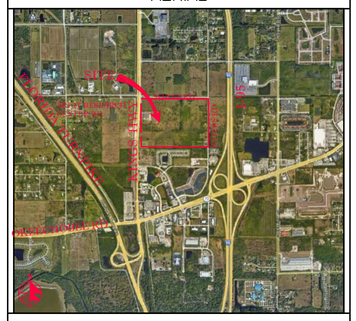
MOTORCYCLE MOTORCYCLE

STOP SIGN & BAR TYP, 9 REQ

SEE SHT C-6

SEE SHT C-9

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

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C-7

SEE SHT C-9

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

SEE SHT C-6

1,250'

DRY DET-6
2.56 AC

"25 MPH SPEED LIMIT" SIGN

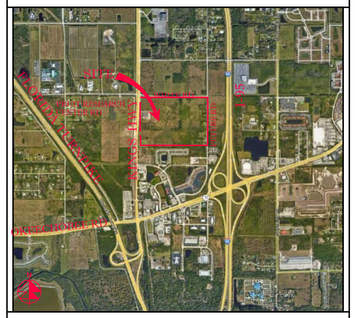
LS

4' CL TYP

SEE SHT C-4

SEE SHT C-10

AERIAL



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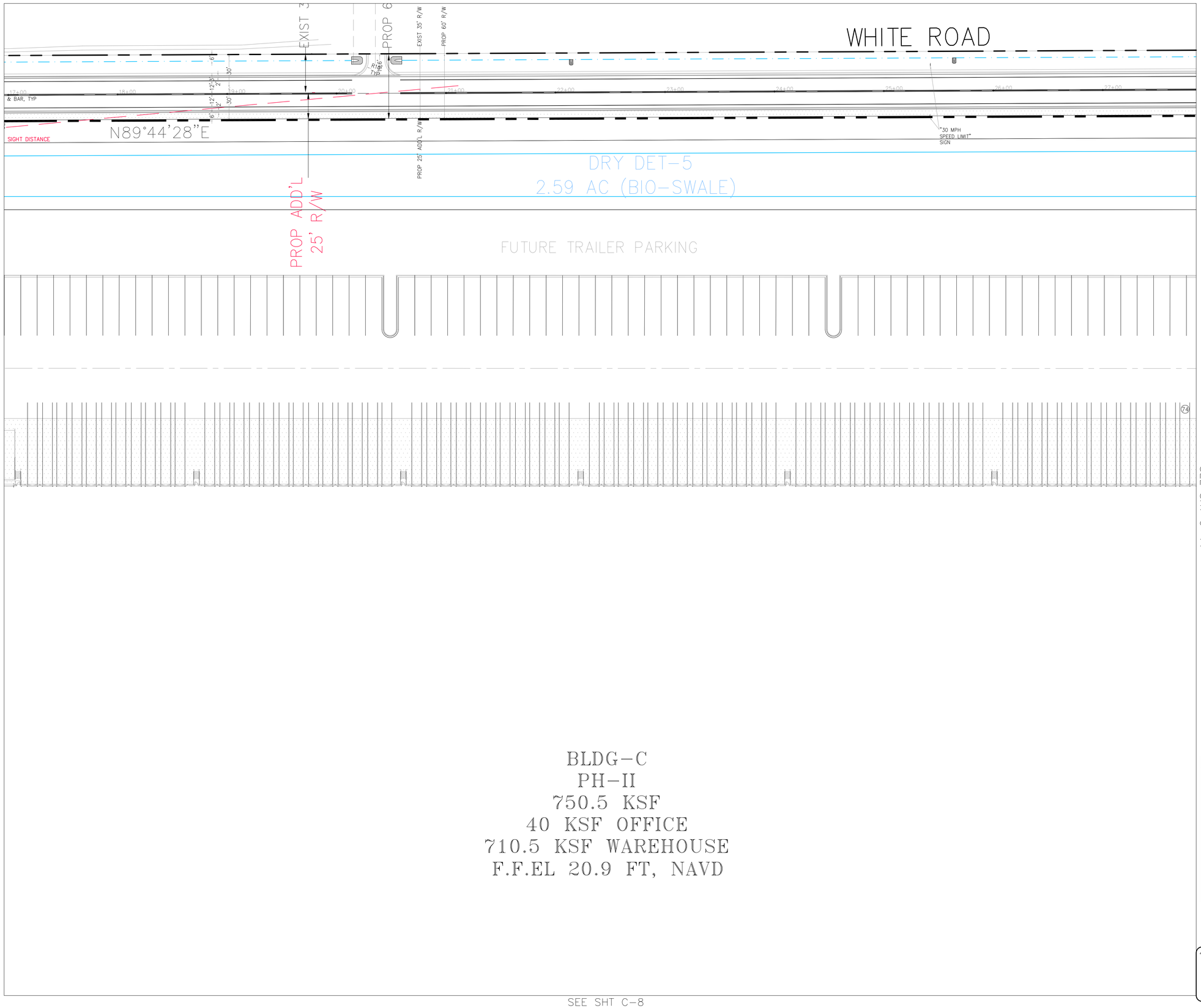
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SHEET NO.
C-8

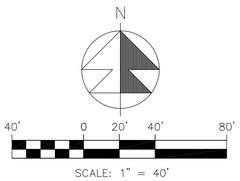


AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

NOTES:

1. SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
2. ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
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5. STD PARKING STALL STRIPING SHALL BE TRAFFIC PAINT ALL OTHER STRIPING & PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
6. 19'-24" DEEP ROOT BARRIERS MUST BE INSTALLED ALONG ALL CURBS & SIDEWALKS WITHIN 10' OF EXISTING OR PROPOSED TREES. (SEE LANDSCAPE PLANS).
7. SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
8. ALL HANDICAP RAMPS & DETECTABLE WARNINGS CONSTRUCTED IN ACCORD W/ DESIGN STD'S.
9. ALL CONSTRUCTION AND RESTORATION WORK WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT STANDARDS INDEX AND THE FDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.

STRIPING LEGEND	
(A)	6" SOLID WHITE
(B)	8" SOLID WHITE
(C)	12" SOLID WHITE
(D)	18" SOLID WHITE
(E)	24" SOLID WHITE
(F)	6" SKIP WHITE TYP (10'-30')
(G)	6" SKIP WHITE TYP (6'-10')
(H)	6" SKIP WHITE TYP (2'-4')
(I)	6" SOLID YELLOW
(J)	18" SOLID YELLOW
(K)	6" DOUBLE YELLOW
(L)	6" SKIP YELLOW (10'-30')
(M)	6" SKIP YELLOW TYP (6'-10')
(N)	6" SKIP YELLOW TYP (2'-4')
(P)	PRM BI-DIRECTIONAL AMBER/AMBER
(R)	FDP WHITE
(S)	FDP YELLOW
(T)	RPM BI-DIRECTIONAL WHITE/RED
(U)	RPM BI-DIRECTIONAL RED/YELLOW

LEGEND	
⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
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WEBSITE: www.JHInc.com
EMAIL: JHI@bellsouth.net

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Pavement Marking Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

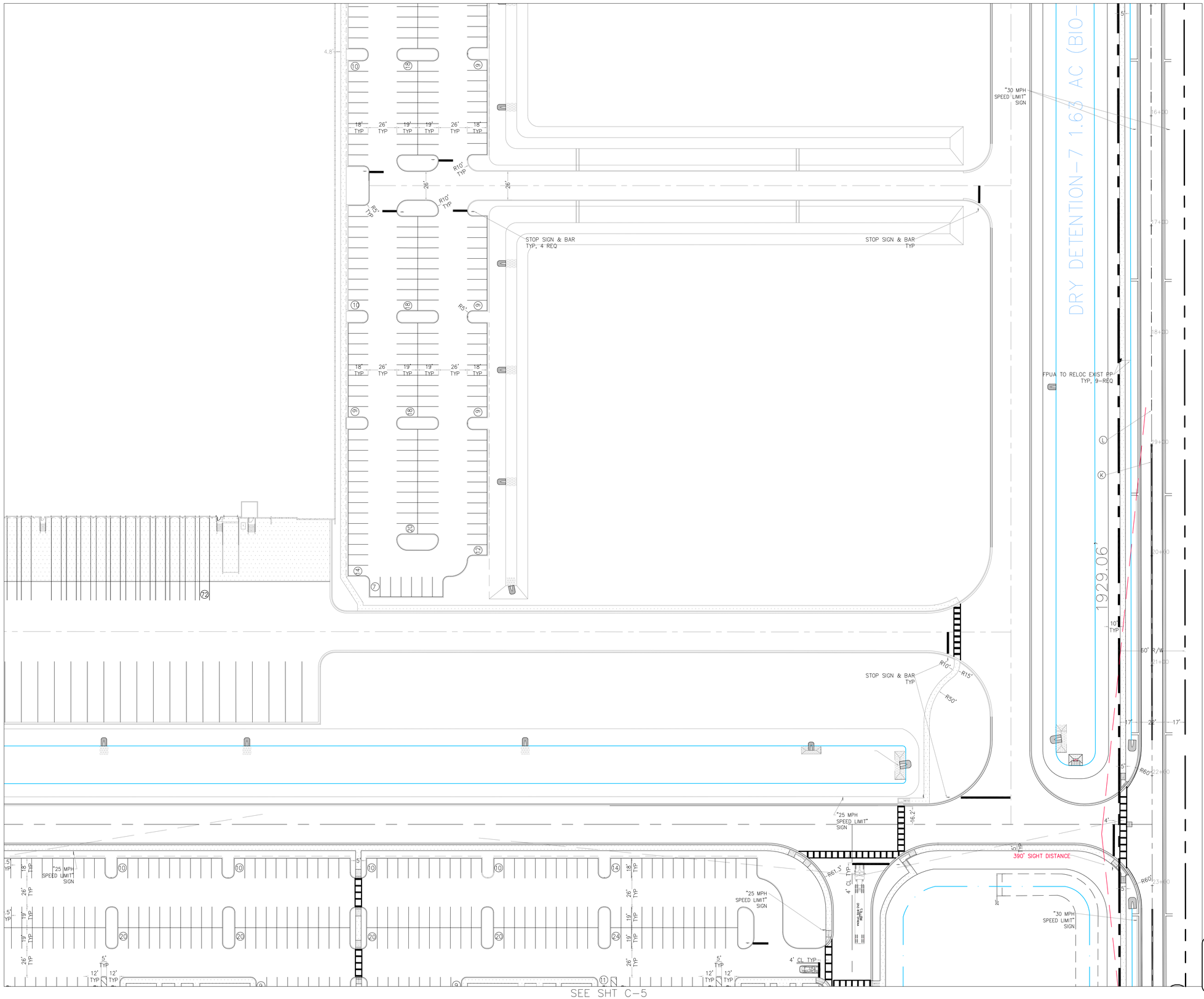
COA 6986

SHEET NO.

C-9

SEE SHT C-11

SEE SHT C-8



SEE SHT C-5

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

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FIM	FIRE MAIN
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	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

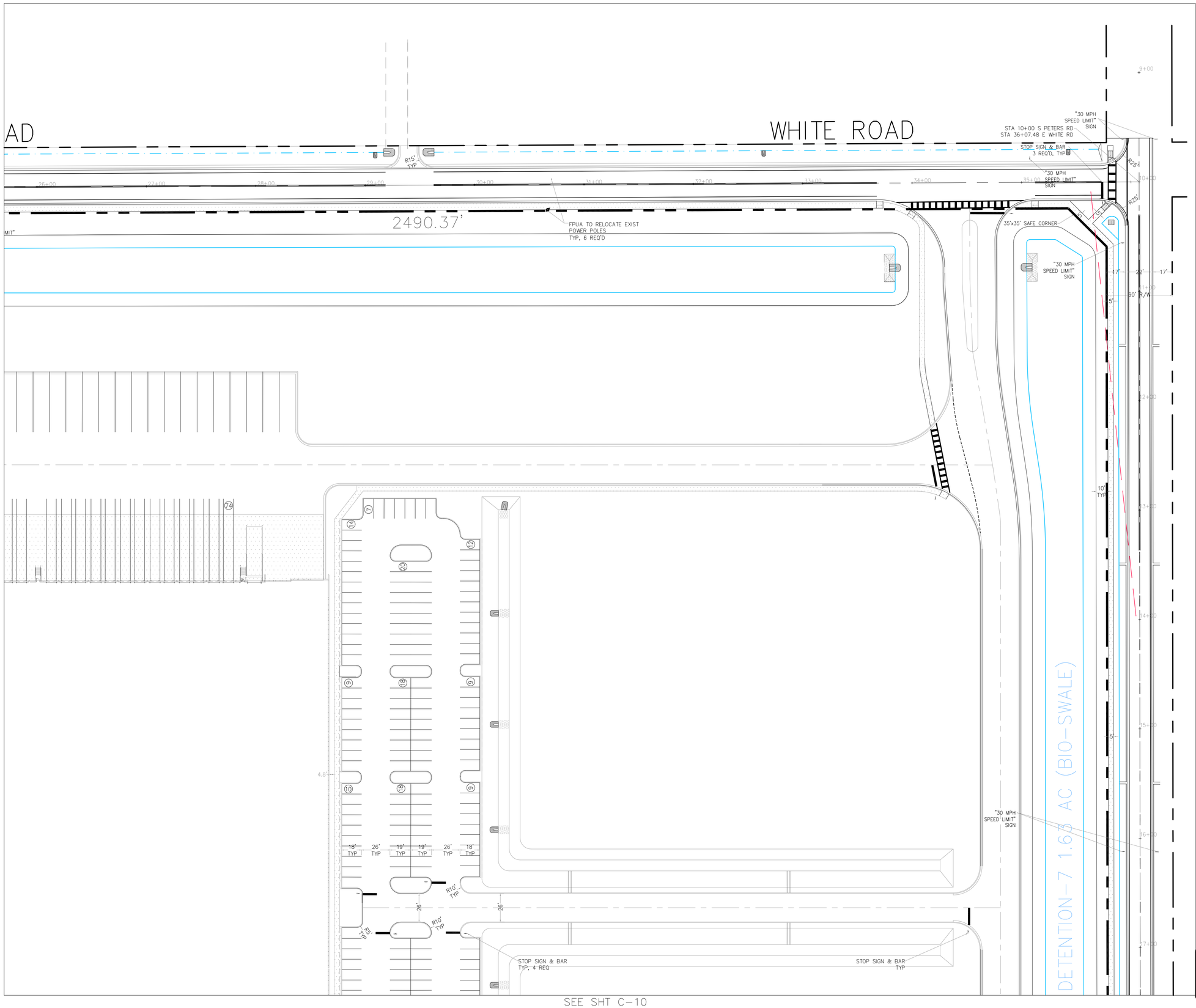
Pavement Marking Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

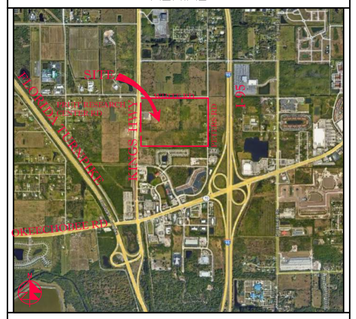
SEAL

COA 6986

SHEET NO.
C-10



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

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FH	FIRE HYDRANT
GV	GATE VALVE
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	SIAMESE CONN.
	CHECK VALVE
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	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
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F.F.EL	FIN FLOOR ELEV
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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Pavement Marking Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.

C-11

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

WHITE ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

CS-200 TYPE "H"

CS-92 "H"

DRY DET-4
0.70 AC
(BIO-SWALE)

DRY DET-5

FUTURE TRAILER PARKING

LITTORAL ZONE

EXIST 43' FDOT TEMP CONST EASMT

PROP FDOT DRAINAGE EASM'T

0.47 AC

FOUNTAIN

LAKE-1
5.34 AC

FOUNTAIN

CS-1 "E"

FDOT TEMP DITCH 5 TO BE FILLED AFTER FDOT DRAINAGE PERMITS HAVE BEEN ISSUED

LITTORAL ZONE

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

PHASE-II
45.06 AC
BLDG 17.33 AC
PAVT/SW 19.36 AC
PERVIOUS 8.37 AC

FUTURE PHASES
9.60 AC
BLDG 6.16 AC
PAVT/SW 2.93 AC
PERVIOUS 0.51 AC

600'

1,250'

DRY DETENTION-7 1.63 AC (BIO-SWALE)

CS-100 "H"

DRY DET-6
2.56 AC

CS-103 "H"

LAKE-2
1.93 AC

LITTORAL ZONE

FOUNTAIN

CS-2 "E"

BENCH W/ TRASH BIN TYP

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

PHASE-I
52.89 AC
BLDG 11.13 AC
PAVT/SW 17.87 AC
LAKE 9.57 AC
PERVIOUS* 14.32 AC
DRY DETENTIONS 9.41 AC
*INCL DRY DET

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

LITTORAL ZONE

LAKE-3
2.30 AC

FOUNTAIN

PETERS ROAD

295.04'

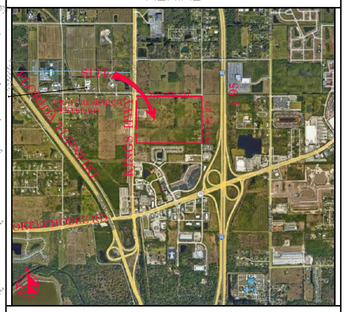
DRY DETENTION-8 2.07 AC

CS-5 "H"

2215.32'

CS-28 "H"

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

100' 0 50' 100' 200'

SCALE: 1" = 100'

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21
REV PER FPUA 11-30-21
REV PER SP 01-15-21

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Overall Drainage Plan

DRAWN BY	DESIGNED BY	SCALE	DATE
DDI	JHI	1" = 100'	01-22-2021

SEAL

COA 6986

SHEET NO.

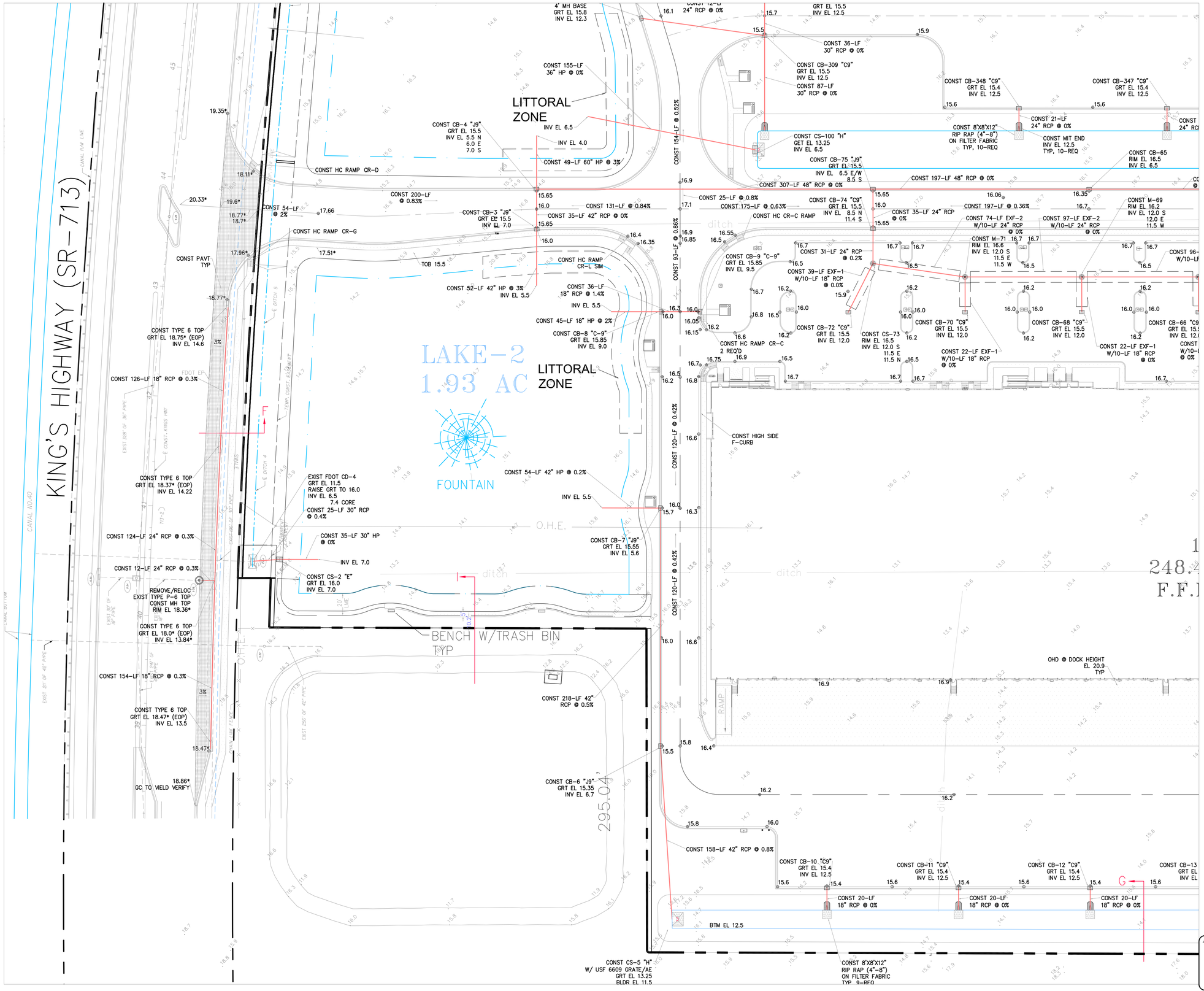
C-12

LEGEND

⊕19.7	PROP PAV'T EL
19.7	EXIST EL.
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL.
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL.
TC	TOP OF CURB
TE	TOP EL.
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
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SAN	WASTEWATER GRAVITY
FH	FIRE HYDRANT
GV	GATE VALVE
GV	GATE VALVE
SC	SIAMESE CONN.
CV	CHECK VALVE
DDCV	DOUBLE DETECTOR CHECK VALVE
RPBP	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
SP	SAMPLE POINT
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SEE SHT C-16


KING'S HIGHWAY (SR-713)
CANAL R/W LINE
4' MH BASE
GRT EL 15.8
INV EL 12.3
CONST 12-LF 24" RCP @ 0%
GRT EL 15.5
INV EL 12.5
CONST 36-LF 30" RCP @ 0%
CONST CB-309 "C9"
GRT EL 15.5
INV EL 12.5
CONST 87-LF 30" RCP @ 0%
CONST 155-LF 36" HP @ 0%
LITTORAL ZONE
INV EL 6.5
INV EL 4.0
CONST 49-LF 60" HP @ 3%
CONST CB-4 "J9"
GRT EL 15.5
INV EL 5.5 N
6.0 E
7.0 S
CONST HC RAMP CR-D
CONST 200-LF @ 0.83%
CONST 54-LF @ 2%
CONST CB-3 "J9"
GRT EL 15.5
INV EL 7.0
CONST 131-LF @ 0.84%
CONST 35-LF 42" RCP @ 0%
CONST HC RAMP CR-G
CONST PAVT TYP
TOB 15.5
CONST HC RAMP CR-L SIM
CONST 52-LF 42" HP @ 3%
INV EL 5.5
CONST 36-LF 18" RCP @ 1.4%
INV EL 5.5
CONST 45-LF 18" HP @ 2%
CONST CB-8 "C-9"
GRT EL 15.85
INV EL 9.0
CONST TYPE 6 TOP
GRT EL 18.75* (EOP)
INV EL 14.6
CONST 126-LF 18" RCP @ 0.3%
LAKE-2
1.93 AC
FOUNTAIN
LITTORAL ZONE
CONST HIGH SIDE F-CURB
CONST 54-LF 42" HP @ 0.2%
INV EL 5.5
CONST TYPE 6 TOP
GRT EL 18.37* (EOP)
INV EL 14.22
EXIST FDOT CD-4
GRT EL 11.5
RAISE GRT TO 16.0
INV EL 6.5
7.4 CORE
CONST 25-LF 30" RCP @ 0.4%
CONST 124-LF 24" RCP @ 0.3%
CONST 35-LF 30" HP @ 0%
INV EL 7.0
CONST CS-2 "E"
GRT EL 16.0
INV EL 7.0
CONST 12-LF 24" RCP @ 0.3%
REMOVE/RELOC EXIST TYPE P-6 TOP
CONST MH TOP
RIM EL 18.36*
CONST TYPE 6 TOP
GRT EL 18.0* (EOP)
INV EL 13.84*
CONST 154-LF 18" RCP @ 0.3%
CONST TYPE 6 TOP
GRT EL 18.47* (EOP)
INV EL 13.5
18.86*
GC TO VIELD VERIFY
BENCH W/TRASH BIN TYP
CONST 218-LF 42" RCP @ 0.5%
CONST CB-6 "J9"
GRT EL 15.35
INV EL 6.7
295.04'
CONST 158-LF 42" RCP @ 0.8%
CONST CB-10 "C9"
GRT EL 15.4
INV EL 12.5
CONST CB-11 "C9"
GRT EL 15.4
INV EL 12.5
CONST CB-12 "C9"
GRT EL 15.4
INV EL 12.5
CONST CB-13
GRT EL
INV EL
CONST 20-LF 18" RCP @ 0%
CONST 20-LF 18" RCP @ 0%
CONST 20-LF 18" RCP @ 0%
BTM EL 12.5
CONST CS-5 "H"
W/ USF 6609 GRATE/AE
GRT EL 13.25
BLDR EL 11.5
CONST 8'X8'X12" RIP RAP (4'-8") ON FILTER FABRIC TYP. 9-REQ
CONST 154-LF @ 0.52%
CONST 93-LF @ 0.86%
CONST 120-LF @ 0.42%
CONST 120-LF @ 0.42%
CONST CB-348 "C9"
GRT EL 15.4
INV EL 12.5
CONST 21-LF 24" RCP @ 0%
CONST MIT END
INV EL 12.5
TYP, 10-REQ
CONST CB-347 "C9"
GRT EL 15.4
INV EL 12.5
CONST 8'X8'X12" RIP RAP (4'-8") ON FILTER FABRIC TYP, 10-REQ
CONST CS-100 "H"
GET EL 13.25
INV EL 6.5
CONST CB-75 "J9"
GRT EL 15.5
INV EL 6.5 E/W
8.5 S
CONST 307-LF 48" RCP @ 0%
CONST 197-LF 48" RCP @ 0%
CONST 25-LF @ 0.8%
CONST 175-LF @ 0.63%
CONST CB-74 "C9"
GRT EL 15.5
INV EL 8.5 N
11.4 S
CONST HC CR-C RAMP
CONST 35-LF 24" RCP @ 0%
CONST 197-LF @ 0.36%
CONST 74-LF EXF-2
W/10-LF 24" RCP @ 0%
CONST 97-LF EXF-2
W/10-LF 24" RCP @ 0%
CONST M-69
RIM EL 16.2
INV EL 12.0 S
12.0 E
11.5 W
CONST 65
RIM EL 16.5
INV EL 6.5
CONST M-71
RIM EL 16.6
INV EL 12.0 S
11.5 E
11.5 W
CONST CB-9 "C-9"
GRT EL 15.85
INV EL 9.5
CONST 31-LF 24" RCP @ 0.2%
CONST 39-LF EXF-1
W/10-LF 18" RCP @ 0.0%
CONST CB-72 "C9"
GRT EL 15.5
INV EL 12.0
CONST CB-73
RIM EL 16.5
INV EL 12.0 S
11.5 E
11.5 N
CONST CB-70 "C9"
GRT EL 15.5
INV EL 12.0
CONST CB-68 "C9"
GRT EL 15.5
INV EL 12.0
CONST 22-LF EXF-1
W/10-LF 18" RCP @ 0%
CONST HC RAMP CR-C
2 REQ'D
CONST 22-LF EXF-1
W/10-LF 18" RCP @ 0%
CONST CB-66 "C9"
GRT EL 15.5
INV EL 12.0
CONST 96-
W/10-LF
OHD @ DOCK HEIGHT
EL 20.9
TYP
RAMP
O.H.E.
ditch
SEE SHT C-14
248.
F.F.
CANAL NO-40
EXIST 30" OF 48" PIPE
EXIST 24" OF 30" PIPE
EXIST 25W OF 42" PIPE
EXIST 30" OF 36" PIPE
EXIST SIDE OF 36" PIPE
EXIST 18W OF 42" PIPE
EXIST 24W OF 42" PIPE
EXIST 30" OF 42" PIPE
EXIST 30" OF 36" PIPE
EXIST 24" OF 30" PIPE
EXIST 18" OF 30" PIPE
EXIST 18" OF 24" PIPE
EXIST 24" OF 36" PIPE
EXIST 18" OF 36" PIPE
EXIST 18" OF 42" PIPE
EXIST 24" OF 42" PIPE
EXIST 30"

SEE SHT C-18

SEE SHT C-13

SEE SHT C-15

CONST CB-347 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-346 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-345 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-344 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-343 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-342 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-341 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-340 "C9" GRT EL 15.4 INV EL 12.5

CONST 21-LF 24" RCP @ 0%
CONST MIT END INV EL 12.5 TYP, 10-REQ

DRY DET-6
2.56 AC

CONST CB-65 RIM EL 16.5 INV EL 6.5
CONST CB-64 "J9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S
CONST CB-54 "J9" GRT EL 16.25 INV EL 6.5 E/W
CONST CB-53 "J9" GRT EL 15.6 INV EL 6.5 E/W 9.0 S
CONST CB-50 "J9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S

CONST 243-LF 48" RCP @ 0%
CONST 35-LF 24" RCP @ 0%
CONST 185-LF 48" RCP @ 0%
CONST 197-LF 54" RCP @ 0%
CONST 335-LF 48" RCP @ 0%

CONST M-69 RIM EL 16.2 INV EL 12.0 S 12.0 E 11.5 W
CONST 243-LF @ 0.3%
CONST CB-63 "C9" GRT EL 15.5 INV EL 8.5 N 11.4 S
CONST 34-LF 24" RCP @ 0.2%
CONST 286-LF @ 0.38%
CONST M-58 RIM EL 16.18 INV EL 12.0 S 11.5 W
CONST CS-41 "C9" GRT EL 15.45 INV EL 9.0 N 12.0 S
CONST 153-LF @ 0.59%
CONST HC RAMP CR-C SIM 2 REQ'D
CONST 109-LF 18" RCP @ 0%
CONST 153-LF @ 0.59%
CONST 181-LF @ 0.61%
CONST CB-49 "C9" GRT EL 15.35 INV EL 8.5 N 11.4 S

CONST 97-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST 101-LF EXF W/10-LF 24" RCP @ 0%
CONST 97-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST 35-LF 18" RCP @ 0%
CONST 95-LF EXF-2 W/10-LF 24" RCP @ 0%

CONST 96-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST CS-62 RIM EL 16.5 INV EL 12.0 S 11.5 E 11.5 N
CONST 63-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST M-67 RIM EL 16.2 INV EL 12.0
CONST 44-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST M-60 RIM EL 16.18 INV EL 12.0 S 11.5 E 11.5 W
CONST M-56 RIM EL 16.18 INV EL 12.0
CONST 17-LF B-CURB
CONST PAVT TYP
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0.0%
CONST 105-LF EXF-1 W/10-LF 18" RCP @ 0%

CONST CB-68 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-66 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-61 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-59 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-57 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-55 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-51 "C9" GRT EL 15.35 INV EL 9.0
CONST CB-52 "C9" GRT EL 15.35 INV EL 9.0
CONST CB-43 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-45 "C9" GRT EL 15.5 INV EL 12.0

CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST HC RAMP CR-G RAMP 4 REQ'D
CONST M-44 RIM EL 16.18 INV EL 12.0
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0.0%
CONST M-46 RIM EL 16.6 INV EL 12.0 S 11.5 E 12.0 W

CONST 90-LF @ 0.33%
CONST 115-LF @ 0.43%
CONST 94-LF @ 0.43%
CONST 154-LF @ 0.43%

CONST CB-18 "C9" GRT EL 16.2 INV EL 10.0
CONST CB-19 "C9" GRT EL 16.2 INV EL 10.0 W 12.0 S
CONST 35-LF 18" RCP @ 0.0%
CONST 152-LF 18" RCP @ 0.0%
CONST CB-20 "C9" GRT EL 16.75 INV EL 12.0 N 9.8 S

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

OHD @ DOCK HEIGHT EL 20.9 TYP
FIRE PUMP
ELECT YARD
DUMPSTR ENCL

CONST CB-12 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-13 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-14 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-15 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-16 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-17 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-21 "C9" GRT EL 15.4 INV EL 9.8 N 12.5 S
CONST CB-22 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-23 "C9" GRT EL 15.4 INV EL 12.5

CONST 20-LF 18" RCP @ 0%
CONST 180-LF 18" RCP @ 0%

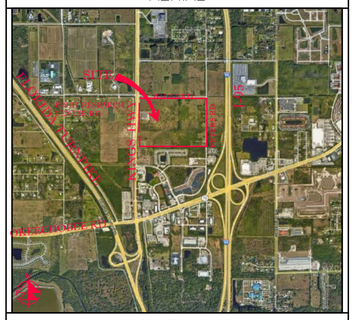
DRY DETENTION-8.2.07 AC

BTM EL 12.5

CONST 8'X8"X12" RIP RAP (4"-8") ON FILTER FABRIC TYP, 9-REQ

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

1. GRT EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
2. TYPE "C-9" STRUCTURES SHALL BE TYPE "C" BOX WITH TYPE "9" GRATE PER FDOT INDEX 425-052.
3. ALL OTHER INLET GRATES SHALL BE USF HEAVY DUTY LOADING GRATES. CS-5, CS-28, CS-92, CS-103 SHALL USE STEEL USF 6609 GRATE /AE.
4. ALL EXIST INFO & TOPO ARE PER MAGELLAN SURVEYING & MAPPING, INC., DWG # 21-020. ALL ELEV'S ARE IN FT, NAVD 1988.
5. THE FINAL LANDSCAPE GRADE AT BLDG SHALL BE 6" TYP, 3" MIN BELOW FIN FL ELEV.
6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, PIPES, SUBGRADE MATERIAL, BASE MATERIAL, ASPHALT PAVEMENT SPEC, CONCRETE MIX DESIGN AT THE MINIMUM PRIOR TO CONSTRUCTION.
7. INLETS SHALL BE PROTECTED DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
8. ALL CATCH BASINS LOCATED IN E/F-CURB SHALL HAVE USF 6168 FRAME & GRATE.
9. ALL CATCH BASINS AND MANHOLES SHALL HAVE TURBIDITY CONTROL BARRIERS PER DETAIL DURING THE CONST PHASE OF THE PROJECT.
10. CONTRACTOR SHALL CONSTRUCT SILT FENCE AT P/L.
11. ACCESSIBLE ROUTES INCL SW'S, HANDICAP RAMPS & DET WARNINGS SHALL CONFORM TO 2010 US DOJ "STD'S FOR ACCESSIBLE DESIGN", FBC CHAPTER 11, & FDOT INDEX 522-002.
12. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
13. PAVT SHALL BE ½" ABOVE THE INLET GRATE & E/F-CURB
14. ALL D-CURBS SHALL TERMINATE WITH 2' TAPER.
15. ALL CATCH BASINS TYPES REFER TO FDOT INDEX 425-052.
16. ADS HP STORM PIPE MAY BE SUBSTITUTED FOR RCP PIPE PENDING EOR APPROVAL. CONTRACTOR TO PROVIDE AN ALTERNATE BID FOR ADS PIPE.

LEGEND

⊕19.7	PROP PAV'T EL
	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

REVISIONS

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Consulting Engineers
1934 COMMERCE LANE, SUITE 5
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EMAIL: JHI@bellsouth.net

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Grading, Paving & Drainage Plan

JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

COA 6986

SHEET NO.
C-14

SEE SHT C-20

SEE SHT C-14

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

2215.32'

LITTORAL ZONE

LAKE-3
2.30 AC

FOUNTAIN

PETERS ROAD

SWALE

FIRE PUMP

ELECT YARD

DMPSTR ENCL

CONST 61-LF 30" RCP @ 0%

CONST CB-323 "C9" GRT EL 15.5 INV EL 11.5

CONST 86-LF 30" RCP @ 0%

CONST CB-324 "C9" GRT EL 15.5 INV EL 12.5

CONST 86-LF 18" RCP @ 0%

CONST 149-LF 30" RCP @ 0%

CONST CS-103 "H" W/ USF 6609 GRATE/AE GRT EL 13.25 BLDR EL 11.5 INV EL 7.2

BTM EL 12.5

CONST MIT END INV EL 15.45 TYP, 2 REQ

CONST 79-LF 18" RCP @ 2.0%

CONST 137-LF @ 0.6%

CONST 83-LF @ 0.36%

CONST 67-LF @ 0.9%

CONST 100-LF @ 0.3%

CONST 88-LF @ 0.32%

CONST 28-LF @ 0.7%

CONST 341 "C9" GRT EL 15.4 INV EL 12.5

CONST CB-340 "C9" GRT EL 15.4 INV EL 12.5

CONST 21-LF 24" RCP @ 0%

CONST 21-LF 24" RCP @ 0%

CONST CB-42 "J9" GRT EL 16.25 INV EL 6.5

CONST CB-41 "C9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S

CONST MIT END W/ SPREADER SWALE INV EL 11.5 3-REQ

CONST CB-50 "J9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S

CONST 335-LF 48" RCP @ 0%

CONST 227-LF 48" RCP @ 0%

CONST 192-LF 48" RCP @ 0%

CONST 331-LF 48" RCP @ 0%

CONST 38-LF 42" RCP @ 1.8%

CONST CB-32 "C9" GRT EL 16.3 INV EL 6.5

CONST 37-LF 48" RCP @ 0.0%

CONST 181-LF @ 0.61%

CONST CB-49 "C9" GRT EL 15.35 INV EL 8.5 N 11.4 S

CONST 35-LF 24" RCP @ 0%

CONST 54-LF 24" RCP @ 0.2%

CONST 225-LF @ 0.33%

CONST 198-LF @ 0.38%

CONST 42-LF 18" RCP @ 0.2%

CONST CB-40 "C9" GRT EL 15.5 INV EL 8.5 N 11.4 S

CONST HC RAMP CR-C SIM 2 REQ'D

CONST 128-LF @ 0.86%

CONST 35-LF 24" RCP @ 0%

CONST 102-LF @ 0.35%

CONST 66-LF @ 0.7%

CONST CS-202 "E" GRT EL 17.83 INV EL 13.84 N INV EL 12.91 S

CONST 32-LF @ 3%

CONST 105-LF EXF-1 W/10-LF 18" RCP @ 0%

CONST 95-LF EXF-2 W/10-LF 24" RCP @ 0%

CONST CS-48 RIM EL 16.5 INV EL 12.0 S 11.5 W 11.5 N

CONST M-35 RIM EL 15.45 INV EL 12.0

CONST 96-LF EXF-1 W/10-LF 18" RCP @ 0%

CONST 106-LF EXF-2 W/10-LF 24" RCP @ 0%

CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%

CONST CS-39 RIM EL 16.5 INV EL 11.5 W 11.5 N 12.0 S

CONST M-37 RIM EL 15.45 INV EL 12.0 S 11.5 E 11.5 W

CONST CB-33 "C9" GRT EL 16.32 INV EL 6.5

CONST 79-LF 18" RCP @ 2.7%

CONST HC RAMP CR-G 2 REQ'D

CONST CB-31 "C9" GRT EL 15.35 INV EL 6.2

CONST 59-LF 48" HP @ 2.6%

INV EL 5.0

CONST 37-LF 18" HP @ 3.2%

CONST CB-30 "C9" GRT EL 15.35 INV EL 9.5

CONST HC RAMP CR-G 2 REQ'D

CONST 60-LF @ 1.67%

CONST 43 "C9" GRT EL 15.5 INV EL 12.0

CONST M-44 RIM EL 16.18 INV EL 12.0

CONST CB-45 "C9" GRT EL 15.5 INV EL 12.0

CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0.0%

CONST M-46 RIM EL 16.6 INV EL 12.0 S 11.5 E 12.0 W

CONST CB-47 "C9" GRT EL 15.5 INV EL 12.0

CONST 35-LF EXF-2 W/10-LF 18" RCP @ 0%

CONST CB-34 "C9" GRT EL 15.5 INV EL 12.0

CONST CB-36 "C9" GRT EL 15.5 INV EL 12.0

CONST 23-LF EXF-1 W/10-LF 18" RCP @ 0%

CONST CB-38 "C9" GRT EL 15.5 INV EL 12.0

CONST 32-LF EXF-1 W/10-LF 18" RCP @ 0%

EXIST SAN

EXIST WM

CONST HIGH SIDE F-CURB

CONST 148-LF @ 0.34%

CONST 190-LF @ 0.37%

REMOVE EXIST ROAD PAVT & RE-CONST PER PETERS RD SECTION ON SHT C-33 TYP

REMOVE EXIST DWY & CULVERT, TYP

FPUA TO RELOC EXIST PP, TYP, 9-REQ

CONST CB-29 "C9" GRT EL 15.5 INV EL 12.5

INV EL 5.0

CONST 143-LF 18" RCP @ 0%

REMOVE EXIST DWY & CULVERT, TYP

CONST FLARED END PER FDOT 510-001 TYP, 2 REQ

END MILL & OVERLAY

20' LANE

GRADE @ 6H:1V MATCH EXIST GRADE, SOD

MILL & OVERLAY TO 1" MIN SP 9.5

CONST 61-LF 36" HP @ 3.3%

BEGIN MILL & OVERLAY

CONST CB-22 "C9" GRT EL 15.4 INV EL 12.5

CONST CB-23 "C9" GRT EL 15.4 INV EL 12.5

CONST CB-24 "C9" GRT EL 15.4 INV EL 12.5

CONST CB-25 "C9" GRT EL 15.4 INV EL 12.5

CONST CB-26 "C9" GRT EL 15.4 INV EL 12.5

CONST CB-27 "C9" GRT EL 15.4 INV EL 12.5

CONST CS-28 "H" W/ USF 6609 GRATE/AE GRT EL 13.75 BLDR EL 11.5 INV EL 7.0

CONST 20-LF 18" RCP @ 0%

CONST 20-LF 18" RCP @ 0%

CONST 20-LF 18" RCP @ 0%

CONST 20-LF 18" RCP @ 0%

CONST 20-LF 18" RCP @ 0%

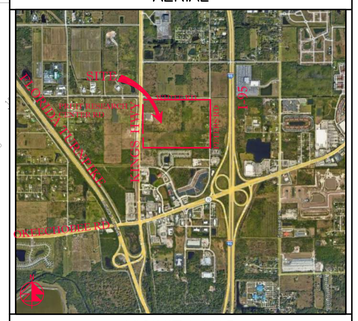
CONST 20-LF 18" RCP @ 0%

CONST 20-LF 18" RCP @ 0%

BTM EL 12.5

8'X8'X12" P (4"-8") TER FABRIC -REQ

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

1. GRT EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
2. TYPE "C-9" STRUCTURES SHALL BE TYPE "C" BOX WITH TYPE "9" GRATE PER FDOT INDEX 425-052.
3. ALL OTHER INLET GRATES SHALL BE USF HEAVY DUTY LOADING GRATES. CS-5, CS-28, CS-92, CS-103 SHALL USE STEEL USF 6609 GRATE /AE.
4. ALL EXIST INFO & TOPO ARE PER MAGELLAN SURVEYING & MAPPING, INC., DWG # 21-020. ALL ELEVS ARE IN FT, NAVD 1988.
5. THE FINAL LANDSCAPE GRADE AT BLDG SHALL BE 6" TYP, 3" MIN BELOW FIN FL ELEV.
6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, PIPES, SUBGRADE MATERIAL, BASE MATERIAL, ASPHALT PAVEMENT SPEC, CONCRETE MIX DESIGN AT THE MINIMUM PRIOR TO CONSTRUCTION.
7. INLETS SHALL BE PROTECTED DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
8. ALL CATCH BASINS LOCATED IN E/F-CURB SHALL HAVE USF 6168 FRAME & GRATE.
9. ALL CATCH BASINS AND MANHOLES SHALL HAVE TURBIDITY CONTROL BARRIERS PER DETAIL DURING THE CONST PHASE OF THE PROJECT.
10. CONTRACTOR SHALL CONSTRUCT SILT FENCE AT P/L.
11. ACCESSIBLE ROUTES INCL SW'S, HANDICAP RAMPS & DET WARNINGS SHALL CONFORM TO 2010 US DOJ "STD'S FOR ACCESSIBLE DESIGN", FBC CHAPTER 11, & FDOT INDEX 522-002.
12. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
13. PAVT SHALL BE ¼" ABOVE THE INLET GRATE & E/F-CURB
14. ALL D-CURBS SHALL TERMINATE WITH 2' TAPER.
15. ALL CATCH BASINS TYPES REFER TO FDOT INDEX 425-052.
16. ADS HP STORM PIPE MAY BE SUBSTITUTED FOR RCP PIPE PENDING EOR APPROVAL. CONTRACTOR TO PROVIDE AN ALTERNATE BID FOR ADS PIPE.

LEGEND

⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
FH	FIRE HYDRANT
GV	GATE VALVE
GV	GATE VALVE
SY	SIAMESE CONN.
CV	CHECK VALVE
DCV	DOUBLE DETECTOR CHECK VALVE
RPBP	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
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TEL: (561) 575-6030
FAX: (561) 575-6088
WEBSITE: www.JHIinc.com

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Grading, Paving & Drainage Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.
C-15

SEE SHT C-17

EXIST DWY TO BE REMOVED TYP

LAKE-1
5.34 AC

A

CONST 25-LF 30" RCP @ 0.4%

CONST 34-LF 30" HP @ 0%
INV EL 7.5

CONST CS-1 "E"
GRT EL 16.1
INV EL 7.0

EXIST FDOT CD-5
GRT EL 12.3
RAISE GRT TO 16.0
INV EL 6.6
7.4 CORE

FOUNTAIN

O.H.E.

CONST 267-LF @

CONST CB-313 "C9"
GRT EL 15.5
INV EL 12.5

CONST 126-LF
18" RCP @ 0%

CONST 97-LF
18" RCP @ 0%

CONST CB-310 "C9"
GRT EL 15.5
INV EL 12.5

CONST CB-311 "C9"
GRT EL 15.5
INV EL 12.5

CONST 126-LF
18" RCP @ 0%

CONST 55-LF
@ 1.8%

17.32

600'

CONST CB-302 "C9"
GRT EL 15.5
INV EL 12.5

CONST CB-301 "C9"
GRT EL 15.5
INV EL 12.5

CONST 126-LF
18" RCP @ 0%

CONST 97-LF
18" RCP @ 0%

CONST 407-LF @ 0.3%

CONST CB-303 "C9"
GRT EL 15.5
INV EL 12.5

CONST CB-304 "C9"
GRT EL 15.5
INV EL 12.5

CONST 102-LF
24" RCP @ 0%

CONST 126-LF
18" RCP @ 0%

CONST CB-306 "C9"
GRT EL 15.5
INV EL 12.5

CONST CB-305 "C9"
GRT EL 15.5
INV EL 12.5

CONST 126-LF
18" RCP @ 0%

CONST 120-LF
24" RCP @ 0%

CONST CB-349 "C9"
GRT EL 15.7
INV EL 12.5

CONST 114-LF
18" RCP @ 0%

CONST CB-308 "P9"
4' MH BASE
GRT EL 15.8
INV EL 12.3

CONST 12-LF
24" RCP @ 0%

CONST CB-307 "C9"
GRT EL 15.5
INV EL 12.5

CONST 36-LF
30" RCP @ 0%

CONST CB-309 "C9"
GRT EL 15.5
INV EL 12.5

CONST 87-LF
30" RCP @ 0%

CONST 155-LF
36" HP @ 0%

LITTORAL ZONE

CONST CB-4 "J9"
GRT EL 15.5
INV EL 5.5 N
6.0 E
7.0 S

INV EL 6.5

INV EL 4.0

CONST 49-LF 60" HP @ 3%

CONST HC RAMP CR-D

CONST 154-LF @ 0.52%

CONST 200-LF
@ 0.83%

CONST 54-LF
@ 2%

CONST CB-3 "J9"
GRT EL 15.5
INV EL 7.0

CONST HC RAMP CR-G

CONST PAVT TYP

TOB 15.5

CONST 52-LF 42" HP @ 3%
INV EL 5.5

CONST 35-LF 42" RCP @ 0%

CONST 131-LF @ 0.84%

CONST HC RAMP CR-L SIM

CONST 36-LF
18" RCP @ 1.4%

INV EL 5.5

CONST 45-LF 18" HP @ 2%

CONST CB-8 "C-9"
GRT EL 15.85
INV EL 9.0

CONST HC RAMP CR-C
2 REQ'D

CONST TYPE 6 TOP
GRT EL 18.75* (EOP)
INV EL 14.6

CONST 93-LF @ 0.86%

CONST 25-LF @ 0.8%

CONST 175-LF @ 0.63%

CONST HC CR-C RAMP

CONST CB-74 "C9"
GRT EL 15.5
INV EL 8.5 N
11.4 S

CONST CB-9 "C-9"
GRT EL 15.85
INV EL 9.5

CONST 39-LF EXF-1
W/10-LF 18" RCP
@ 0.0%

CONST 31-LF 24" RCP
@ 0.2%

CONST 307-LF 48" RCP @ 0%

CONST 197-LF 48" RCP @ 0%

CONST 35-LF 24" RCP
@ 0%

CONST 197-LF @ 0.36%

CONST 74-LF EXF-2
W/10-LF 24" RCP
@ 0%

CONST 97-LF EXF-2
W/10-LF 24" RCP
@ 0%

CONST M-71
RIM EL 16.6
INV EL 12.0 S
11.5 E
11.5 W

CONST M-69
RIM EL 16.2
12.0 E
11.5 W

CONST 243-LF
@ 0%

CONST 243-

CONST 96-LF EXF-1
W/10-LF 18" RCP
@ 0%

CONST
RIM EL
INV EL

CONST CB-70 "C9"
GRT EL 15.5
INV EL 12.0

CONST CS-73
RIM EL 16.5
RIM EL 12.0 S
11.5 E
11.5 N

CONST 22-LF EXF-1
W/10-LF 18" RCP
@ 0%

CONST CB-68 "C9"
GRT EL 15.5
INV EL 12.0

CONST 22-LF EXF-1
W/10-LF 18" RCP
@ 0%

CONST CB-66 "C9"
GRT EL 15.5
INV EL 12.0

CONST 22-LF EXF-
W/10-LF 18" RCP
@ 0%

CONST CB-348 "C9"
GRT EL 15.4
INV EL 12.5

CONST CB-347 "C9"
GRT EL 15.4
INV EL 12.5

CONST 21-LF
24" RCP @ 0%

CONST 8'X8'X12'
RIP RAP (4"-8")
ON FILTER FABRIC
TYP, 10-REQ

CONST MIT END
INV EL 12.5
TYP, 10-REQ

CONST 21-LF
24" RCP @ 0%

CONST CS-100 "H"
GET EL 13.25
INV EL 6.5

CONST CB-75 "J9"
GRT EL 15.5
INV EL 6.5 E/W
8.5 S

CONST CB-65
RIM EL 16.5
INV EL 6.5

LAKE-2

LITTORAL

SEE SHT C-13

SEE SHT C-18

CANAL NO.40

CANAL R/W LINE

EXIST 48" OF 30" PIPE

EXIST 305' OF 36" PIPE

EXIST 48" OF 24" PIPE

EXIST 305' OF 36" PIPE

EXIST 56' OF 24" PIPE

EXIST 181' OF 36" PIPE

EXIST 9" OF 18" PIPE

PERMANENT EASEMENT

E CONST. KINGS HWY

E DITCH 5

HIGHWAY (SR-713)

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

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LEGEND

⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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Kings Highway Commerce Park
Phase-II

Fort Pierce, Florida

Grading, Paving & Drainage Plan

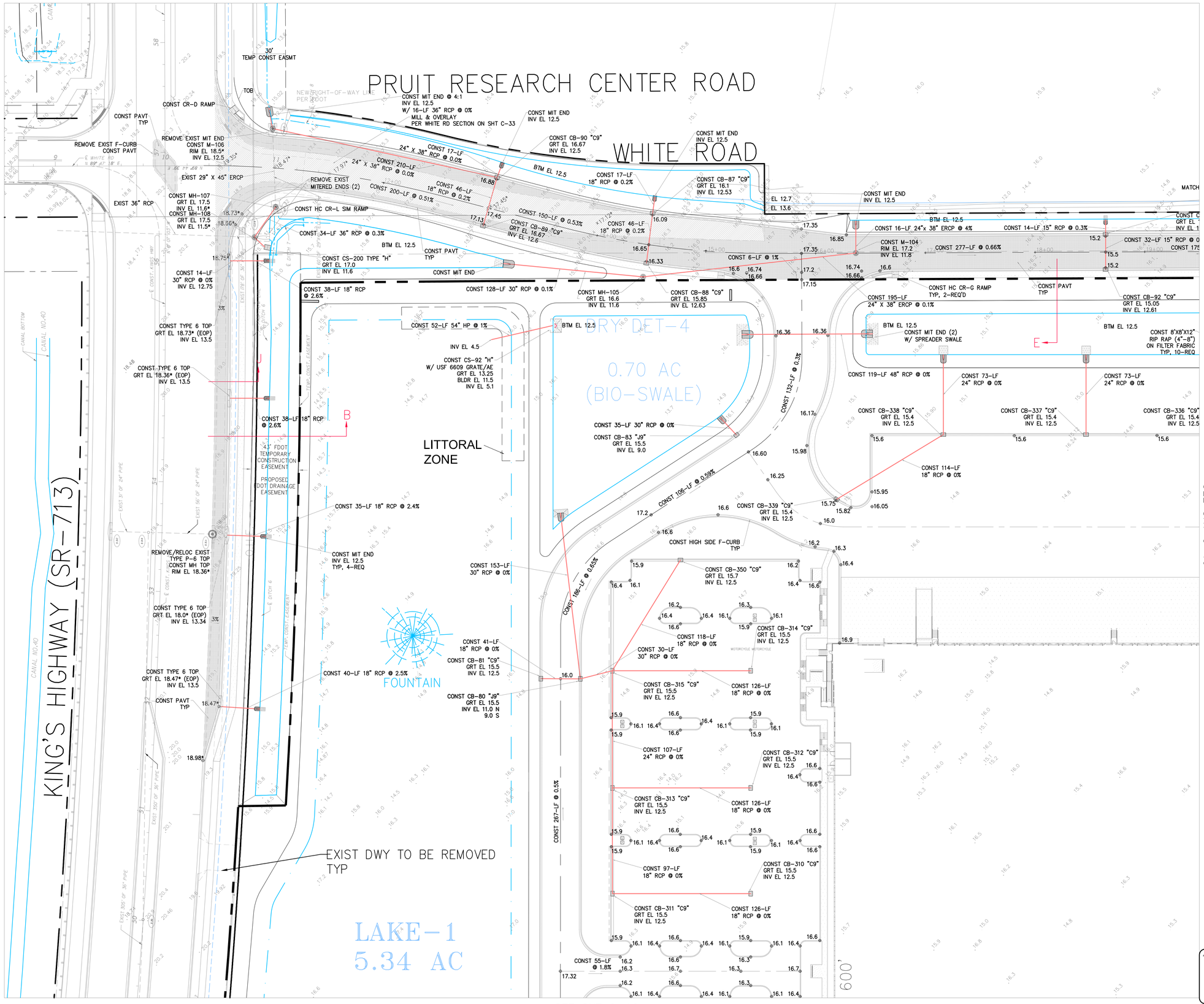
DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

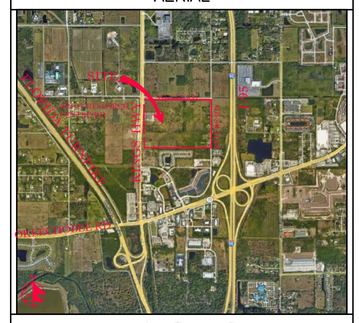
COA 6986

SHEET NO.

C-16

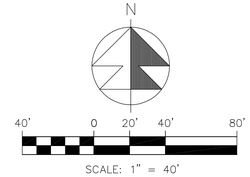


AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

NOTES:

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19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
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YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
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FIM	FIRE MAIN
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	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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Phase-II
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DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.
C-17

SEE SHT C-19

SEE SHT C-16

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

1,250'

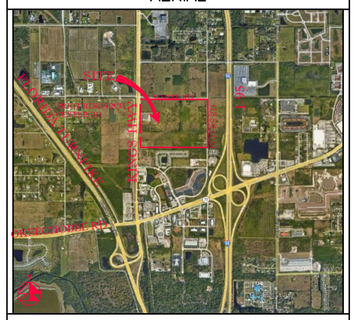
DRY DET-6
2.56 AC

CONST CB-347 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-346 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-345 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-344 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-343 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-342 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-341 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-340 "C9" GRT EL 15.4 INV EL 12.5
CONST 21-LF 24" RCP @ 0%
CONST MIT END INV EL 12.5 TYP, 10-REQ
CONST CB-65 RIM EL 16.5 INV EL 6.5
CONST CB-64 "J9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S
CONST CB-54 "J9" GRT EL 16.25 INV EL 6.5 E/W
CONST CB-53 "J9" GRT EL 15.6 INV EL 6.5 E/W 9.0 S
CONST CB-50 "J9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S
CONST 243-LF 48" RCP @ 0%
CONST 35-LF 24" RCP @ 0%
CONST 185-LF 48" RCP @ 0%
CONST 197-LF 54" RCP @ 0%
CONST 335-LF 48" RCP @ 0%
CONST M-69 RIM EL 16.2 INV EL 12.0 S 12.0 E 11.5 W
CONST 243-LF @ 0.3%
CONST CB-63 "C9" GRT EL 15.5 INV EL 8.5 N 11.4 S
CONST 286-LF @ 0.38%
CONST CS-41 "C9" GRT EL 15.45 INV EL 9.0 N 12.0 S
CONST 153-LF @ 0.59%
CONST HC RAMP CR-C SIM 2 REQ'D
CONST 109-LF 18" RCP @ 0%
CONST 153-LF @ 0.59%
CONST 181-LF @ 0.61%
CONST CB-49 "C9" GRT EL 15.35 INV EL 8.5 N 11.4 S
CONST 97-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST 34-LF 24" RCP @ 0.2%
CONST M-58 RIM EL 16.18 INV EL 12.0 S 12.0 E 11.5 W
CONST 101-LF EXF W/10-LF 24" RCP @ 0%
CONST 97-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST 35-LF 18" RCP @ 0%
CONST 105-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 95-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST 96-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST M-67 RIM EL 16.2 INV EL 12.0
CONST CS-62 RIM EL 16.5 INV EL 12.0 S 11.5 E 11.5 N
CONST 63-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST M-56 RIM EL 16.18 INV EL 12.0
CONST 17-LF B-CURB
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0.0%
CONST 44-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST M-60 RIM EL 16.18 INV EL 12.0 S 11.5 E 11.5 W
CONST PAVT TYP
CONST 90-LF @ 0.33%
CONST CB-52 "C9" GRT EL 15.35 INV EL 9.0
CONST CB-68 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-66 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-61 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-59 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-57 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-55 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-51 "C9" GRT EL 15.35 INV EL 9.0
CONST CB-43 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-45 "C9" GRT EL 15.5 INV EL 12.0
CONST M-44 RIM EL 16.18 INV EL 12.0
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 4 REQ'D CR-G RAMP CONST HC RAMP

SEE SHT C-14

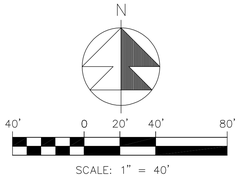
SEE SHT C-20

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

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SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
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TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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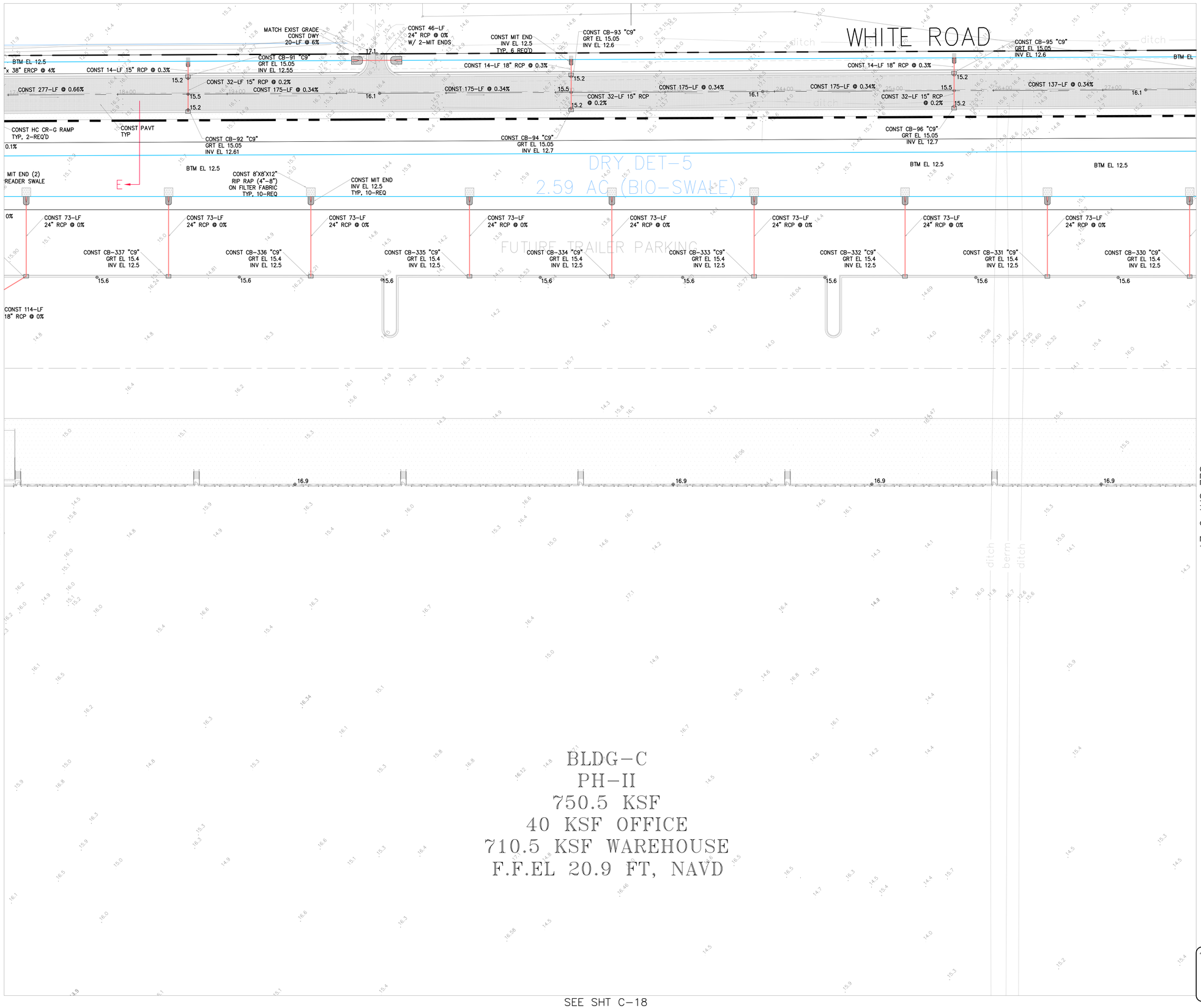
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DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

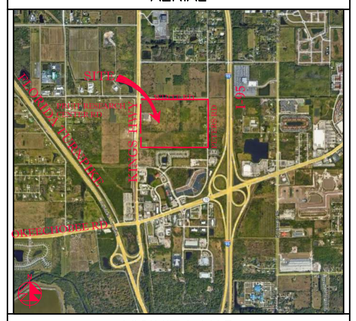
SEAL

COA 6986

SHEET NO.
C-18



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

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19.7	EXIST EL
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	FIRE HYDRANT
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	DOUBLE DETECTOR CHECK VALVE
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SEAL

COA 6986

SHEET NO.

C-19

SEE SHT C-21

SEE SHT C-18

SEE SHT C-15

CONST 80-LF 18" RCP @ 0%
CONST MIT END INV EL 12.5 TYP, 3-REQ
CONST CB-327 "C9" GRT EL 15.35 INV EL 12.7
CONST CB-328 "C9" GRT EL 15.35 INV EL 12.6
CONST CB-319 "C9" GRT EL 15.5 INV EL 12.5
CONST 80-LF 18" RCP @ 0%
CONST 4.5'X3.5'X12" RIP RAP (4"-8") ON FILTER FABRIC TYP, 2-REQ
CONST CONC FLUME INV EL 12.5 TYP, 2-REQ
CONST 100-LF @ 0.3%
CONST 100-LF @ 0.4%
CONST 100-LF @ 0.4%
CONST 194-LF @ 0.36%
CONST 4.5'X3.5'X12" RIP RAP (4"-8") ON FILTER FABRIC TYP, 2-REQ
CONST CONC FLUME INV EL 12.5 TYP, 2-REQ
CONST CB-318 "C9" GRT EL 15.4 INV EL 12.5
CONST 80-LF 18" RCP @ 0%
CONST CB-317 "C9" GRT EL 15.4 INV EL 12.5
CONST 10'X8'X12" RIP RAP (4"-8") ON FILTER FABRIC TYP, 3-REQ
CONST MIT END INV EL 12.5 TYP, 3-REQ
CONST 80-LF 18" RCP @ 0%
CONST CB-316 "C9" GRT EL 15.5 INV EL 12.5
CONST 80-LF 18" RCP @ 0%
CONST MIT END INV EL 11.5 W/ SPREADER SWALE
DRY DETENTION-7 1.63 AC (BIO-
CONST MIT END INV EL 12.5
CONST CONC FLUME TYP SEE SHT C-35
CONST 23-LF 18" RCP @ 0%
CONST 36-LF 18" RCP @ 0%
FPUA TO RELOC EXIST PP TYP, 9-REQ
CONST CB-325 "C9" GRT EL 15.35 INV EL 12.7
CONST CB-326 "C9" GRT EL 15.35 INV EL 12.6
HS F-CURB
CONST 130-LF @ 0.31%
CONST 61-LF 30" RCP @ 0%
CONST 130-LF @ 0.31%
CONST 130-LF @ 0.31%
CONST 182-LF @ 0.47%
CONST CB-323 "C9" GRT EL 15.5 INV EL 11.5
CONST 86-LF 30" RCP @ 0%
CONST CB-324 "C9" GRT EL 15.5 INV EL 12.5
CONST 86-LF 18" RCP @ 0%
CONST 149-LF 30" RCP @ 0%
CONST CS-103 "H" W/ USF 6609 GRATE/AE GRT EL 13.25 BLDR EL 11.5 INV EL 7.2
CONST MIT END INV EL 15.45 TYP, 2 REQ
CONST 79-LF 18" RCP @ 2.0%
BTM EL 12.5
CONST CB-341 "C9" GRT EL 15.4 INV EL 12.5
CONST CB-340 "C9" GRT EL 15.4 INV EL 12.5
CONST 21-LF 24" RCP @ 0%
CONST 21-LF 24" RCP @ 0%
CONST CB-42 "J9" GRT EL 16.25 INV EL 6.5
CONST CB-41 "C9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S
CONST MIT END W/ SPREADER SWALE INV EL 11.5 3-REQ
CONST CB-50 "J9" GRT EL 15.5 INV EL 6.5 E/W 8.5 S
CONST 335-LF 48" RCP @ 0%
CONST 227-LF 48" RCP @ 0%
CONST 192-LF 48" RCP @ 0%
CONST 331-LF 48" RCP @ 0%
CONST 38-LF 42" RCP @ 1.8%
CONST CB-32 "C9" GRT EL 16.3 INV EL 6.5
CONST 37-LF 48" RCP @ 0.0%
CONST CB-49 "C9" GRT EL 15.35 INV EL 8.5 N 11.4 S
CONST 35-LF 24" RCP @ 0%
CONST 54-LF 24" RCP @ 0.2%
CONST 225-LF @ 0.33%
CONST 198-LF @ 0.38%
CONST CB-40 "C9" GRT EL 15.5 INV EL 8.5 N 11.4 S
CONST 42-LF 18" RCP @ 0.2%
CONST HC RAMP CR-C SIM 2 REQ'D
CONST 128-LF @ 0.86%
CONST 35-LF 24" RCP @ 0%
CONST 102-LF @ 0.35%
CONST 66-LF @ 0.7%
CONST 32-LF @ 3%
CONST CS-202 "E" GRT EL 17.83 INV EL 13.84 N INV EL 12.91 S
CONST 181-LF @ 0.61%
CONST 105-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 95-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST CS-48 RIM EL 16.5 INV EL 12.0 S 11.5 W 11.5 N
CONST M-35 RIM EL 15.45 INV EL 12.0
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 96-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 106-LF EXF-2 W/10-LF 24" RCP @ 0%
CONST CS-39 RIM EL 16.5 INV EL 11.5 W 11.5 N 12.0 S
CONST M-37 RIM EL 15.45 INV EL 12.0 S 11.5 E 11.5 W
CONST 60-LF @ 1.67%
CONST 79-LF 18" RCP @ 2.7%
CONST HC RAMP CR-G 2 REQ'D
CONST CB-33 "C9" GRT EL 16.32 INV EL 6.5
CONST CB-31 "C9" GRT EL 15.35 INV EL 6.2
CONST 59-LF 48" HP @ 2.6%
INV EL 5.0
INV EL 5.0
CONST 37-LF 18" HP @ 3.2%
CONST CB-30 "C9" GRT EL 15.35 INV EL 9.5
CONST HC RAMP CR-G 2 REQ'D
EXIST SAN
EXIST WM
CONST 105-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST CB-43 "C9" GRT EL 15.5 INV EL 12.0
CONST M-44 RIM EL 16.18 INV EL 12.0
CONST CB-45 "C9" GRT EL 15.5 INV EL 12.0
CONST 22-LF EXF-1 W/10-LF 18" RCP @ 0.0%
CONST M-46 RIM EL 16.6 INV EL 12.0 S 11.5 E
CONST CB-47 "C9" GRT EL 15.5 INV EL 12.0
CONST 35-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST CB-34 "C9" GRT EL 15.5 INV EL 12.0
CONST CB-36 "C9" GRT EL 15.5 INV EL 12.0
CONST 23-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST CB-38 "C9" GRT EL 15.5 INV EL 12.0
CONST 32-LF EXF-1 W/10-LF 18" RCP @ 0%
CONST 100-LF @ 3.0%
CONST 100-LF @ 3.0%
CONST 100-LF @ 3.0%
CONST 137-LF @ 0.95%
CONST 83-LF @ 1.36%
CONST 67-LF @ 6.3%
O.H.E.
SWALE
CONST CB-327 "C9" GRT EL 15.35 INV EL 12.7
CONST CB-328 "C9" GRT EL 15.35 INV EL 12.6
CONST CB-325 "C9" GRT EL 15.35 INV EL 12.7
CONST CB-326 "C9" GRT EL 15.35 INV EL 12.6

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

1. GRT EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
2. TYPE "C-9" STRUCTURES SHALL BE TYPE "C" BOX WITH TYPE "9" GRATE PER FDOT INDEX 425-052.
3. ALL OTHER INLET GRATES SHALL BE USF HEAVY DUTY LOADING GRATES. CS-5, CS-28, CS-92, CS-103 SHALL USE STEEL USF 6609 GRATE /AE.
4. ALL EXIST INFO & TOPO ARE PER MAGELLAN SURVEYING & MAPPING, INC., DWG # 21-020. ALL ELEV'S ARE IN FT, NAVD 1988.
5. THE FINAL LANDSCAPE GRADE AT BLDG SHALL BE 6" TYP, 3" MIN BELOW FIN FL ELEV.
6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, PIPES, SUBGRADE MATERIAL, BASE MATERIAL, ASPHALT PAVEMENT SPEC, CONCRETE MIX DESIGN AT THE MINIMUM PRIOR TO CONSTRUCTION.
7. INLETS SHALL BE PROTECTED DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
8. ALL CATCH BASINS LOCATED IN E/F-CURB SHALL HAVE USF 6168 FRAME & GRATE.
9. ALL CATCH BASINS AND MANHOLES SHALL HAVE TURBIDITY CONTROL BARRIERS PER DETAIL DURING THE CONST PHASE OF THE PROJECT.
10. CONTRACTOR SHALL CONSTRUCT SILT FENCE AT P/L.
11. ACCESSIBLE ROUTES INCL SW'S, HANDICAP RAMPS & DET WARNINGS SHALL CONFORM TO 2010 US DOJ "STD'S FOR ACCESSIBLE DESIGN", FBC CHAPTER 11, & FDOT INDEX 522-002.
12. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
13. PAVT SHALL BE ¼" ABOVE THE INLET GRATE & E/F-CURB
14. ALL D-CURBS SHALL TERMINATE WITH 2' TAPER.
15. ALL CATCH BASINS TYPES REFER TO FDOT INDEX 425-052.
16. ADS HP STORM PIPE MAY BE SUBSTITUTED FOR RCP PIPE PENDING EOR APPROVAL. CONTRACTOR TO PROVIDE AN ALTERNATE BID FOR ADS PIPE.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

LEGEND

⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VALVE
CO	CLEANOUT
	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Grading, Paving & Drainage Plan

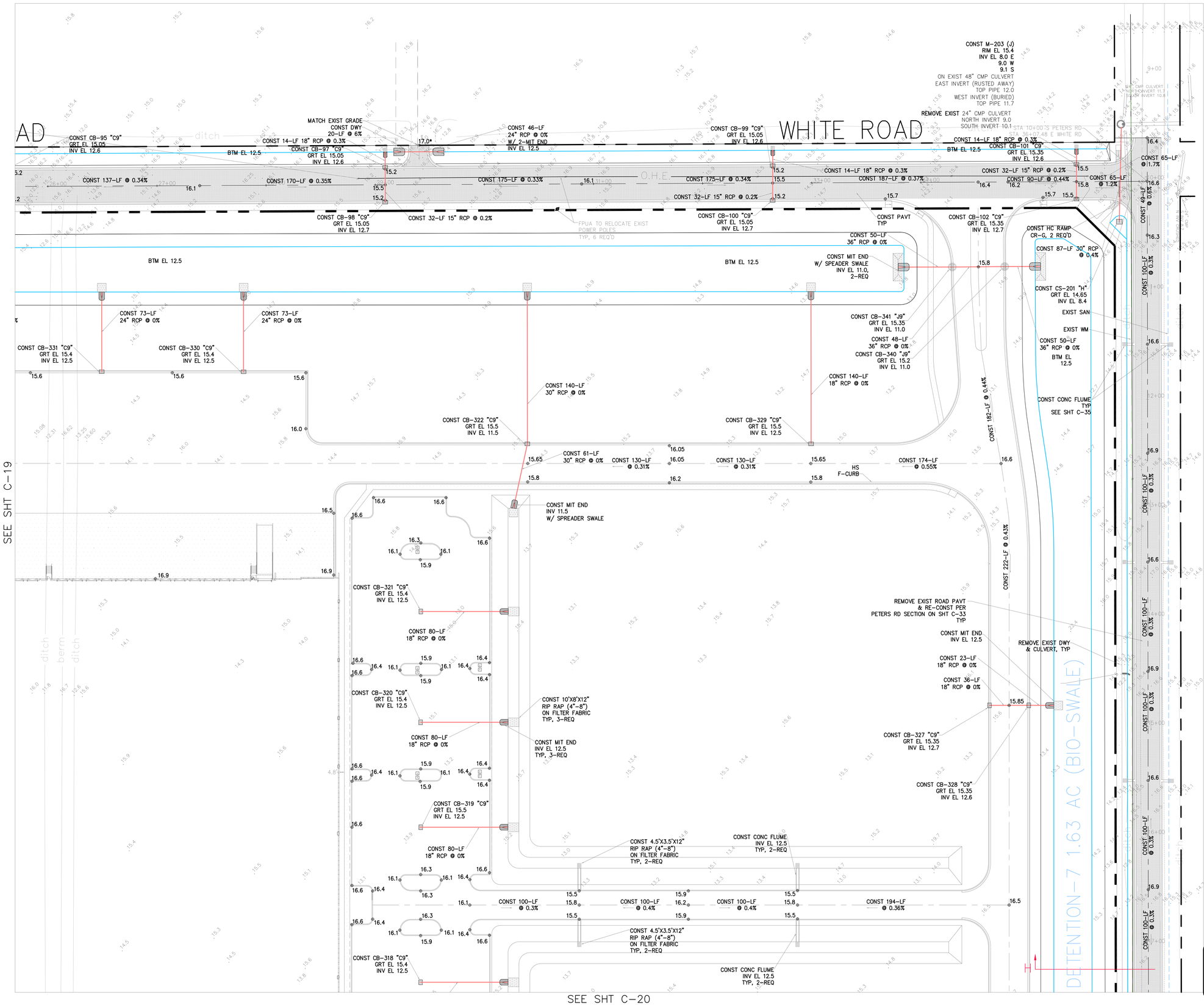
JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

COA 6986

SHEET NO.

C-20



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

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LEGEND

⊕19.7	PROP PAV'T EL
15.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

REVISIONS

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Grading, Paving & Drainage Plan

JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

COA 6986

SHEET NO.

C-21

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

WHITE ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

KING'S HIGHWAY (SR-713)

PETERS ROAD

DRY DET-4
0.70 AC
(BIO-SWALE)

DRY DET-5
2.59 AC (BIO-SWALE)

FUTURE TRAILER PARKING

LITTORAL ZONE

FOUNTAIN

LAKE-1
5.34 AC

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

600'

1,250'

DRY DET-6
2.56 AC

LAKE-2
1.93 AC

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

LAKE-3
2.30 AC

DRY DETENTION-7 1.63 AC (BIO-SWALE)

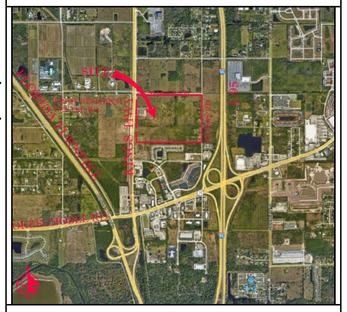
BENCH W/TRASH BIN TYP

295.04'

DRY DETENTION-8 2.07 AC

2215.32'

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

100' 0 50' 100' 200'

SCALE: 1" = 100'

48 HOURS BEFORE DIGGING
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LEGEND

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18.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
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TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
WMG	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
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TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21
REV PER FPUA 11-30-21
REV PER SP 01-15-21

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Water & Wastewater Overall Plan

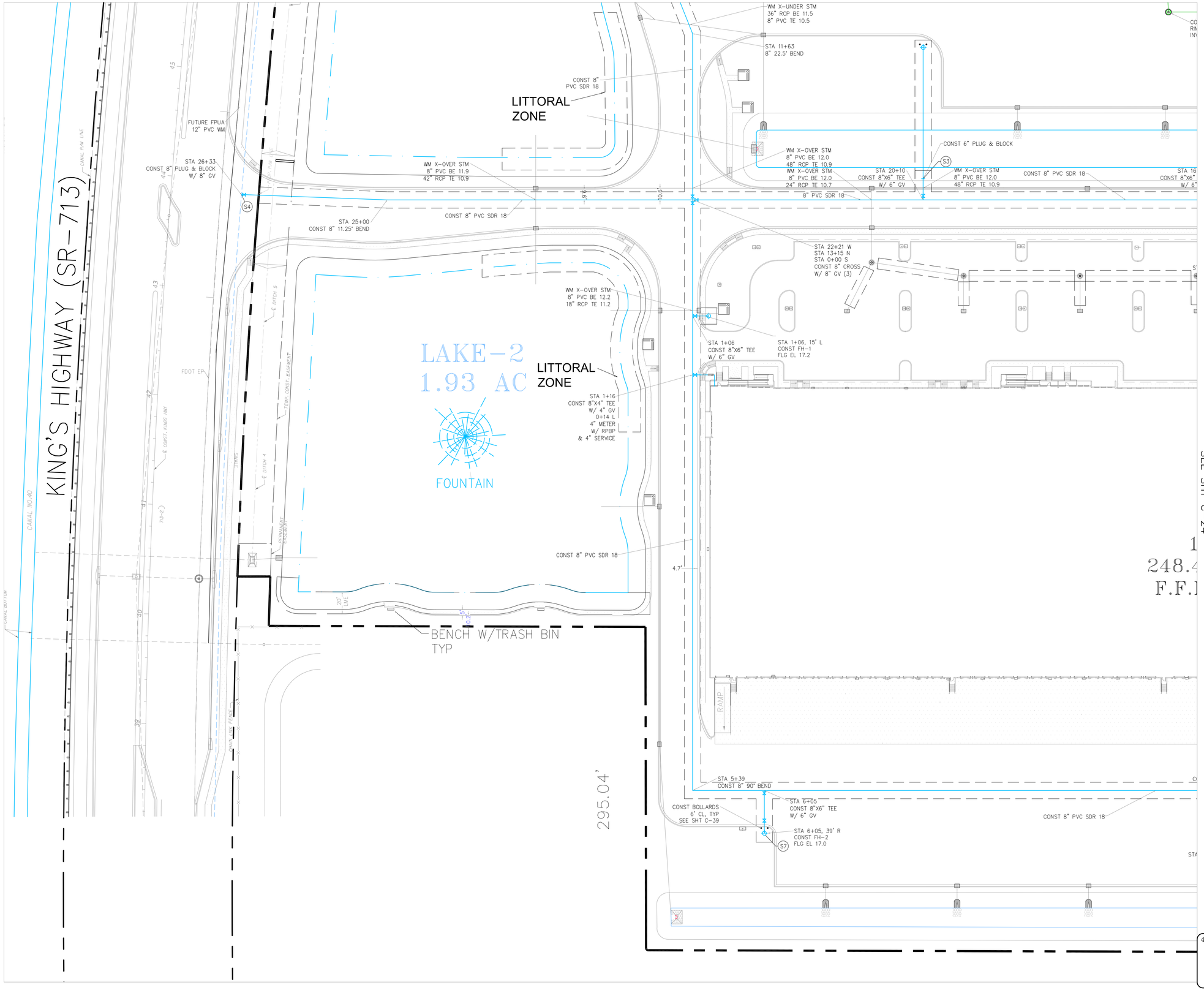
DRAWN BY: DDI
DESIGNED BY: JHI
SCALE: 1" = 100'
DATE: 01-22-2021

SEAL

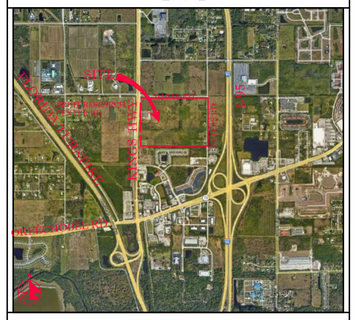
COA 6986

SHEET NO.
C-22

SEE SHT C-26

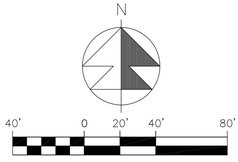


AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

1. THE LIFT STATION SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.

2. SANITARY SERVICES SHALL BE CONSTRUCTED @ 1% MIN SLOPE W/ CLEANOUTS EVERY 75' OC.

3. CONTRACTOR SHALL VERIFY SAN SERV INV EL @ BLDG W/ GC PRIOR TO CONSTRUCTION.

4. FIRE LINE AFTER REDUCED PRESSURE DET ASSEMBLY/RPDA SHALL BE DESIGNED & CONSTRUCTED BY FL REG FIRE SPRINKLER CONTRACTOR WHO SHALL VERIFY LOCATION OF ALL CONNECTIONS INCLUDING FIRE DEPT CONN'S.

5. WATER MAIN SHALL BE PVC SDR-18. FIRE MAIN SHALL BE PVC C-900 SDR-14. SANITARY MAINS & SERVICES SHALL BE PVC SDR-26.

6. ALL WM PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, F.A.C., USING BLUE AS AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING THE MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED NO MORE THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER THE INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIP THE PIPE DURING THE INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.

7. EXACT LOCATION OF WATER SERVICE & FIRE LINE STUB OUTS TO BE VERIFIED WITH GC.

8. MECH ENG DESIGNING THE FIRE SPRINKLER SYSTEM FOR THE BLDG SHALL VERIFY THE FIRE LINE SIZE & NOTIFY ENG OF MODIFICATION IF ANY.

9. CONTRACTOR SHALL CLEAN & FLUSH THE WATER LINE & PERFORM A ONE HR P&L TEST (150 PSI) ON THE WM PER CITY OF FT PIERCE'S UTILITY'S REQ'S.

10. CONTRACTOR SHALL PROVIDE P&L TEST ON FIM PER CITY OF FT PIERCE'S UTILITY'S REQ'S (200 PSI).

11. ALL SEWER INFRASTRUCTURE TO MEET CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.

12. WATER LINE SHALL BE SWABBED.

13. 2" BLOW OF ASSEMBLY SHALL BE CONSTRUCTED OF BRASS AND WILL REMAIN PERMANENT.

14. A JUMPER METER SHALL BE CONSTRUCTED AT TIE-IN LOCATION. THE JUMPER METER WILL REMAIN IN PLACE UNTIL CLEARANCE IS RECEIVED FROM FDEP.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TIE-IN TO THE WATER MAIN(S).

16. WATER SERVICE LINES SHALL CONSIST OF A BRONZE SERVICE SADDLE, CORPORATION STOP, TYPE "K" COPPER, AND CURB STOP (CURB STOPS FOR 1.5" AND 2" SHALL BE FLARE X FLANGE).

17. 8" FIRELINE AFTER DDCV SHALL BE DESIGNED AND CONSTRUCTED BY A FLORIDA REGISTERED FIRE SPRINKLER CONTRACTOR WHO SHALL VERIFY LOCATION OF ALL CONNECTIONS INCLUDING SIAMESE CONN, PIV, & CHECK VALVES.

18. ALL WELLS & SEPTIC TANKS TO BE ABANDONED. ALL DRAIN FIELDS TO BE DRAINED & ABANDONED. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS INCL. FROM ST LUCIE COUNTY HEALTH DEPT FOR ALL ABANDONMENTS.

19. ALL WM CONSTRUCTION ON PETERS RD SHALL BE DONE BEFORE ROADWAY IMPROVEMENTS / PLACEMENT OF BASE ARE STARTED.

LEGEND

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	EXIST EL
	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
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GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
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TOB	TOP OF BANK
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Kings Highway Commerce Park
Phase-II
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Water & Wastewater Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

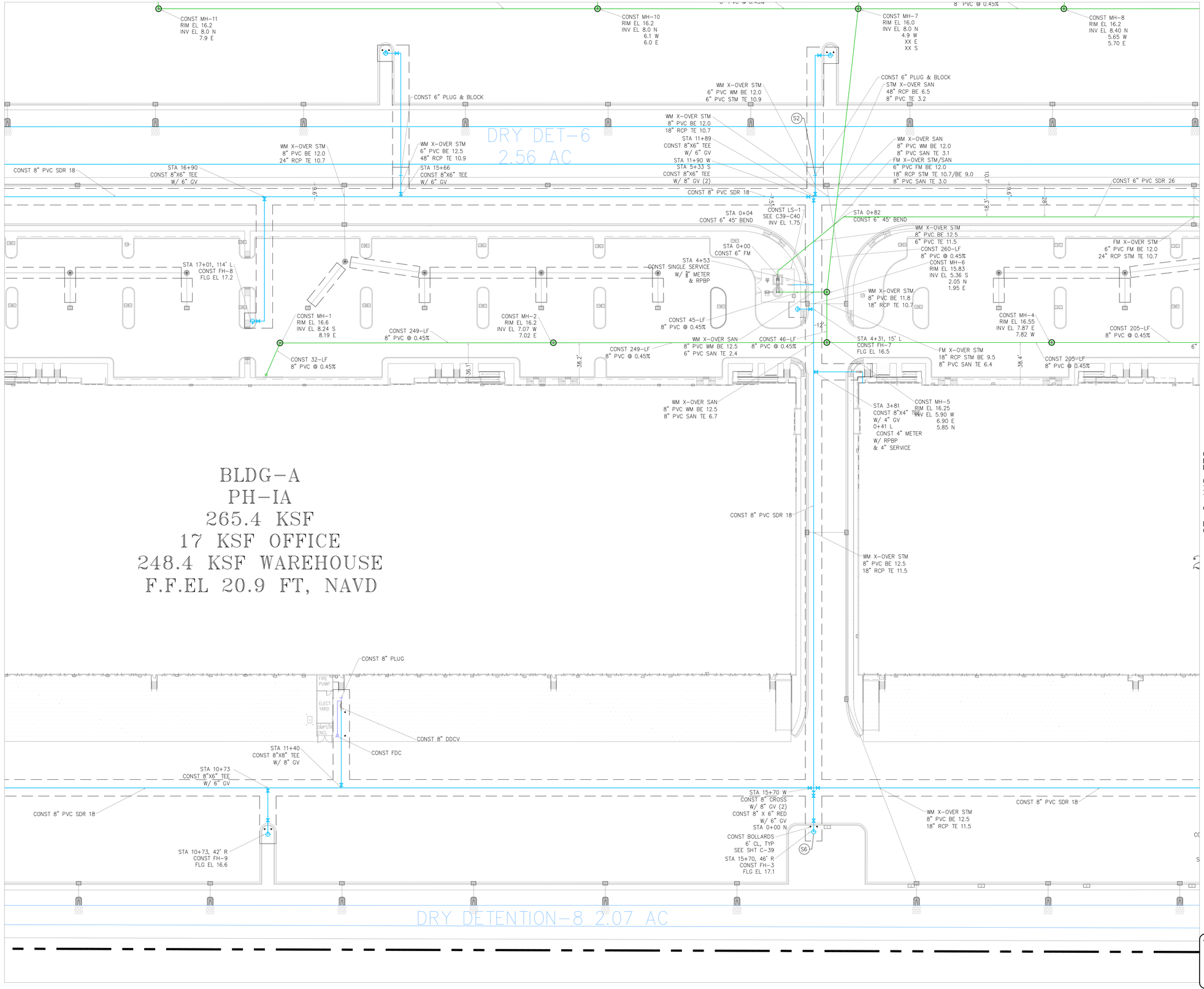
SEAL

COA 6986

SHEET NO.

C-23

SEE SHT C-28

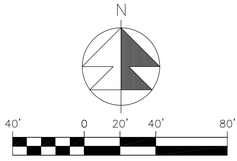


AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

1. THE LIFT STATION SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.

2. SANITARY SERVICES SHALL BE CONSTRUCTED @ 1% MIN SLOPE W/ CLEANOUTS EVERY 75' OC.

3. CONTRACTOR SHALL VERIFY SAN SERV INV EL @ BLDG W/ GC PRIOR TO CONSTRUCTION.

4. FIRE LINE AFTER REDUCED PRESSURE DET ASSEMBLY/RPDA SHALL BE DESIGNED & CONSTRUCTED BY FL REG FIRE SPRINKLER CONTRACTOR WHO SHALL VERIFY LOCATION OF ALL CONNECTIONS INCLUDING FIRE DEPT CONN'S.

5. WATER MAIN SHALL BE PVC SDR-18. FIRE MAIN SHALL BE PVC C-900 SDR-14. SANITARY MAINS & SERVICES SHALL BE PVC SDR-26.

6. ALL WM PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, F.A.C., USING BLUE AS AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING THE MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED NO MORE THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER THE INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIP THE PIPE DURING THE INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.

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LEGEND

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19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
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Kings Highway Commerce Park
Phase-II

Fort Pierce, Florida

Water & Wastewater Plan

JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

COA 6986

SHEET NO.

C-24

SEE SHT C-30

SEE SHT C-24

CONST MH-8
RIM EL 16.2
INV EL 8.40 N
5.65 W
5.70 E

RIM EL 16.2
INV EL 8.0 N
INV EL 7.9 W

FM X-OVER STM
30" RCP STM BE 11.5
8" PVC SAN TE 8.5

CONST 6" PLUG & BLOCK

STA 0+00
CONST 8" WET TAP
CONST 8"X6" TAPPING SLEEVE
W/ 8" TV

SAN X-OVER WM
8" PVC WM TE 11.5
12" CLR MIN

WM X-OVER STM
30" RCP BE 11.5
8" PVC TE 10.5

STA 3+04 E
CONST 8"X6" TEE
W/ 6" GV
STA 29+95 S

CONST 6" PLUG & BLOCK

STA 7+25
CONST 8"X6" TEE
W/ 6" GV

WM X-OVER STM
6" PVC WM BE 12.0
48" RCP STM TE 10.9

WM X-OVER STM
24" RCP TE 10.7

WM X-OVER FM
6" PVC WM BE 12.0
6" PVC FM TE 11.0

WM X-OVER STM
8" PVC BE 12.0
48" RCP TE 10.9

STA 1+50 E
STA 0+00 N
CONST 8" TEE
W/ 8" GV

STA 7+40
CONST 8"X6" TEE
W/ 6" GV

CONST 6" PVC SDR 26

CONST 8" PVC SDR 18

WM X-OVER STM
8" PVC BE 12.0
48" RCP TE 10.9

FM X-OVER STM
6" PVC FM BE 12.0
48" RCP STM TE 10.9

FM X-OVER STM
6" PVC FM BE 12.0
24" RCP STM TE 10.7

WM X-OVER STM
8" PVC BE 12.0
24" RCP TE 10.7

FM X-OVER STM
6" PVC FM BE 12.0
18" RCP STM TE 10.7

WM X-OVER STM
8" PVC BE 12.5
18" RCP TE 11.2

WM X-UNDER STM
18" RCP BE 13.9
8" PVC TE 12.7
SAN X-UNDER STM
18" RCP BE 13.3
6" PVC FM TE 12.3

STA 28+93, 15' L
CONST FH-5
FLG EL 16.6

STA 12+52
CONST 6" WET TAP
CONST 6"X6" TAPPING SLEEVE
W/ 6" GV
CONST OPEN CUT
& RESTORE
SEE SHT C-34

LITTORAL
ZONE

EXIST 6" FM
EXIST 8" WM

CONST MH-4
RIM EL 16.55
INV EL 7.87 E
7.82 W

CONST 205-LF
8" PVC @ 0.45%

CONST MH-3
RIM EL 16.5
INV EL 8.84 S
8.79 W

CONST 33-LF
6" PVC @ 0.65%

CONST 205-LF
8" PVC @ 0.45%

STA 7+46, 114' L
CONST FH-6
FLG EL 17.2

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

CONST 8" PVC SDR 18

LAKE-3
2.30 AC

FPUA TO RELOC EXIST PP
TYP, 9-REQ

FOUNTAIN

CONST 8" PLUG

FIRE PUMP

ELECT YARD

DMPSTR ENCL

CONST 8" DDCV

CONST FDC

STA 20+26
CONST 8"X8" TEE
W/ 8" GV

STA 20+01
CONST 8"X6" TEE
W/ 6" GV

STA 24+56
CONST 8" TEE
W/ 8" GV
CONST 8" X 6" RED
W/ 6" GV

CONST 8" PVC SDR 18

CONST BOLLARDS
6' CL, TYP
SEE SHT C-39

STA 20+01, 42' R
CONST FH-10
FLG EL 16.6

CONST BOLLARDS
6' CL, TYP
SEE SHT C-39

STA 24+56, 39' R
CONST FH-4
FLG EL 16.8

EXIST 8" WM
EXIST 6" FM

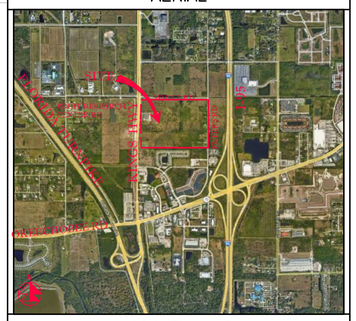
20' LAKE

PETERS ROAD

2215.32'

21+00
22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

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LEGEND

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19	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
-WMD-	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Water & Wastewater Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.

C-25

SEE SHT C-27

LAKE-1
5.34 AC

8" PVC SDR 18

S9

CONST 6" PLUG & BLOCK

STA 7+57
CONST 8"X6" TEE
W/ 8" GV
CONST 6" GV

600'

FOUNTAIN

STA 10+87
8" 22.5° BEND

WM X-UNDER STM
36" RCP BE 11.5
8" PVC TE 10.5

STA 11+63
8" 22.5° BEND

CONST 96-LF
6" PVC @ 0.65%

CONST MH-11
RIM EL 16.2
INV EL 8.0 N
7.9 E

CONST 8"
PVC SDR 18

LITTORAL
ZONE

FUTURE FPUA
12" PVC WM

STA 26+33
CONST 8" PLUG & BLOCK
W/ 8" GV

WM X-OVER STM
8" PVC BE 11.9
42" RCP TE 10.9

WM X-OVER STM
8" PVC BE 12.0
48" RCP TE 10.9

CONST 6" PLUG & BLOCK

WM X-OVER STM
8" PVC BE 12.0
24" RCP TE 10.7

STA 20+10
CONST 8"X6" TEE
W/ 6" GV

WM X-OVER STM
8" PVC BE 12.0
48" RCP TE 10.9

CONST 8" PVC SDR 18

STA 16+90
CONST 8"X6" TEE
W/ 6" GV

8" PVC SDR 18

CONST 8" PVC SDR 18

STA 25+00
CONST 8" 11.25° BEND

STA 22+21 W
STA 13+15 N
STA 0+00 S
CONST 8" CROSS
W/ 8" GV (3)

STA 17+01, 11
CONST F
FLG EL

WM X-OVER STM
8" PVC BE 12.2
18" RCP TE 11.2

LAKE-2

STA 1+06
CONST 8"X6" TEE
W/ 6" GV

STA 1+06, 15' L
CONST FH-1
FLG EL 17.2

LITTORAL

CANAL R/W LINE

CANAL BOTTOM

CANAL NO-40

PROP. R/W LINE

PERMANENT EASEMENT

℄ DITCH 5

℄ CONST. KINGS HWY

SEAWALL

FRONT ED

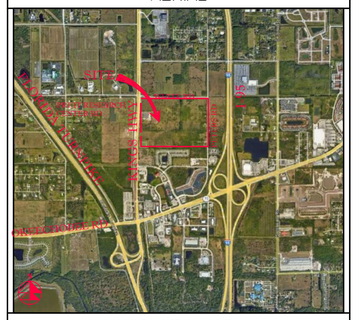
gas

SHWAY (SR-713)

SEE SHT C-28

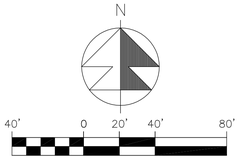
SEE SHT C-23

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



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YD	YARD DRAIN
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BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

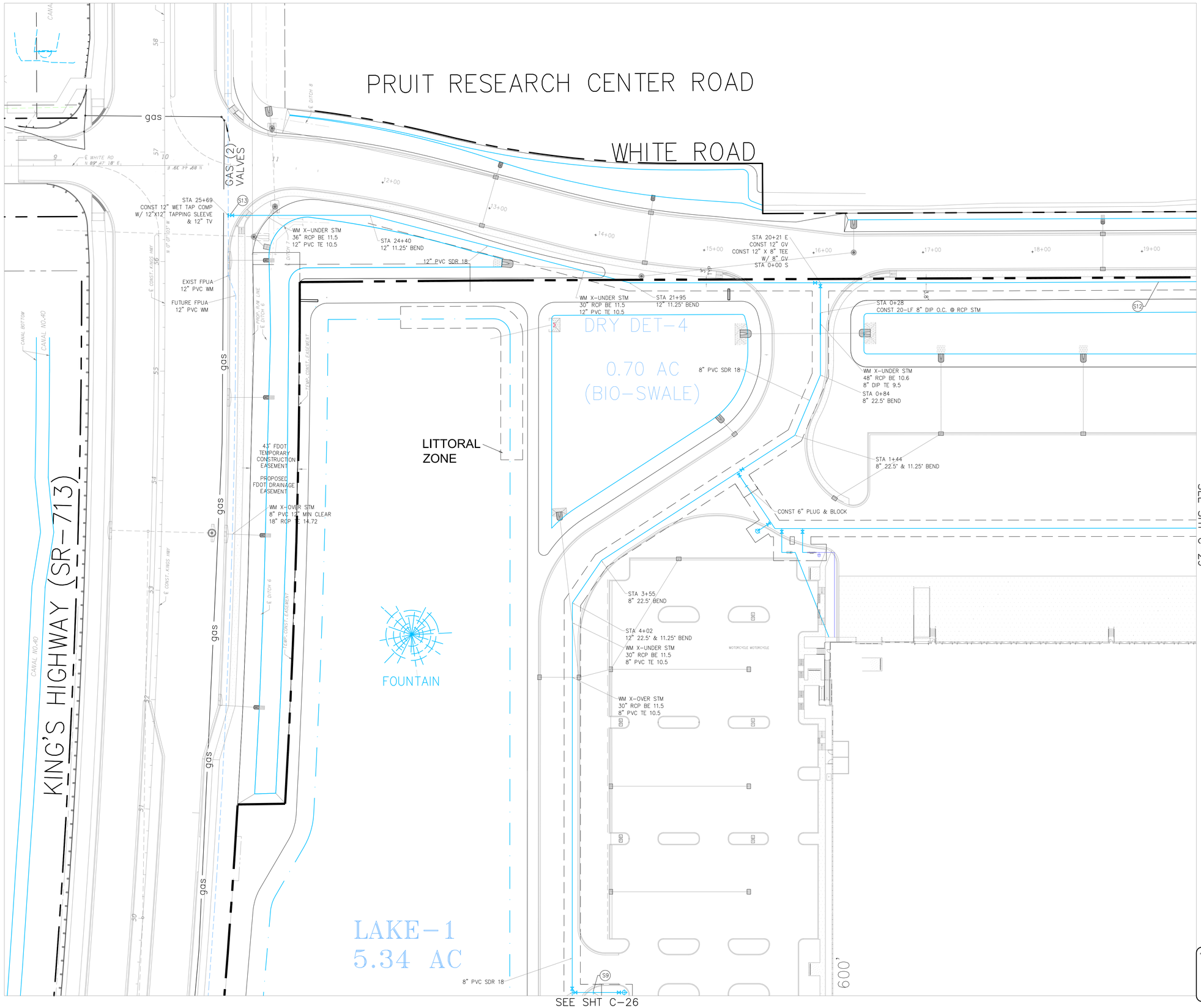
Water & Wastewater Plan

JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

CDA 6986

SHEET NO.
C-26



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

1. THE LIFT STATION SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.

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Kings Highway Commerce Park
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Fort Pierce, Florida

Water & Wastewater Plan

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SHEET NO.

C-27

SEE SHT C-29

SEE SHT C-26

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

1,250'

CONST 96-LF
6" PVC @ 0.65%

CONST 400-LF
8" PVC @ 0.45%

CONST 238-LF
8" PVC @ 0.45%

CONST 189-LF
8" PVC @ 0.45%

CONST MH-11
RIM EL 16.2
INV EL 8.0 N
7.9 E

CONST MH-10
RIM EL 16.2
INV EL 8.0 N
6.1 W
6.0 E

CONST MH-7
RIM EL 16.0
INV EL 8.0 N
4.9 W
XX E
XX S

CONST MH-8
RIM EL 16.2
INV EL 8.40 N
5.65 W
5.70 E

CONST 6" PLUG & BLOCK

WM X-OVER STM
6" PVC WM BE 12.0
6" PVC STM TE 10.9

CONST 6" PLUG & BLOCK
STM X-OVER SAN
48" RCP BE 6.5
8" PVC TE 3.2

WM X-OVER STM
8" PVC BE 12.0
24" RCP TE 10.7

WM X-OVER STM
6" PVC BE 12.5
48" RCP TE 10.9

DRY DET-6
2.56 AC

WM X-OVER STM
8" PVC BE 12.0
18" RCP TE 10.7

STA 11+89
CONST 8"X6" TEE
W/ 6" GV

STA 11+90 W
STA 5+33 S
CONST 8"X6" TEE
W/ 8" GV (2)

WM X-OVER SAN
8" PVC WM BE 12.0
8" PVC SAN TE 3.1
FM X-OVER STM/SAN
6" PVC FM BE 12.0
18" RCP STM TE 10.7/BE 9.0
8" PVC SAN TE 3.0

STA 16+90
CONST 8"X6" TEE
W/ 6" GV

STA 15+66
CONST 8"X6" TEE
W/ 6" GV

CONST 8" PVC SDR 18

CONST 8" PVC SDR 26

STA 0+04
CONST 6" 45° BEND

CONST LS-1
SEE C39-C40
INV EL 1.75

STA 0+82
CONST 6" 45° BEND

STA 0+00
CONST 6" FM

STA 4+53
CONST SINGLE SERVICE
W/ 8" METER
& RPBP

WM X-OVER STM
8" PVC BE 12.5
6" PVC TE 11.5
CONST 260-LF
8" PVC @ 0.45%
CONST MH-6
RIM EL 15.83
INV EL 5.36 S
2.05 N
1.95 E

FM X-OVER STM
6" PVC FM BE 12.0
24" RCP STM TE 10.7

STA 17+01, 114' L
CONST FH-8
FLG EL 17.2

CONST MH-1
RIM EL 16.6
INV EL 8.24 S
8.19 E

CONST 249-LF
8" PVC @ 0.45%

CONST MH-2
RIM EL 16.2
INV EL 7.07 W
7.02 E

CONST 45-LF
8" PVC @ 0.45%

WM X-OVER STM
8" PVC BE 11.8
18" RCP TE 10.7

CONST MH-4
RIM EL 16.55
INV EL 7.87 E
7.82 W

CONST 205-LF
8" PVC @ 0.45%

CONST 32-LF
8" PVC @ 0.45%

CONST 249-LF
8" PVC @ 0.45%

WM X-OVER SAN
8" PVC WM BE 12.5
6" PVC SAN TE 2.4

CONST 46-LF
8" PVC @ 0.45%

STA 4+31, 15' L
CONST FH-7
FLG EL 16.5

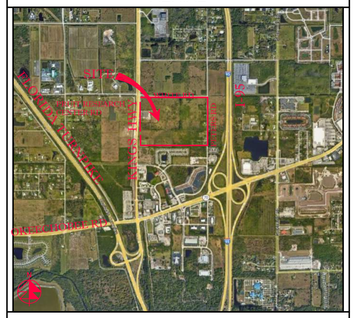
FM X-OVER STM
18" RCP STM BE 9.5
8" PVC SAN TE 6.4

CONST 205-LF
8" PVC @ 0.45%

SEE SHT C-24

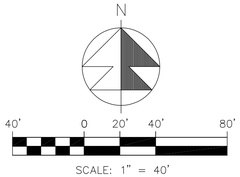
SEE SHT C-30

AERIAL



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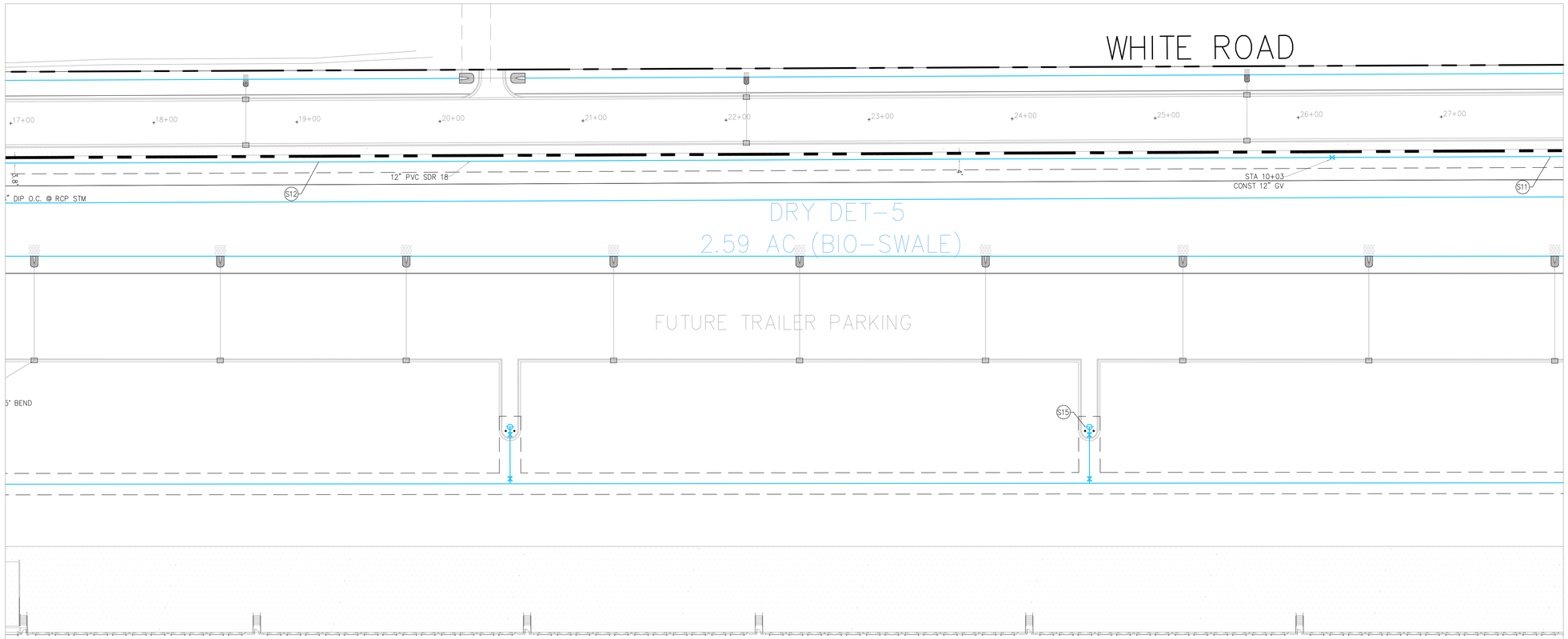
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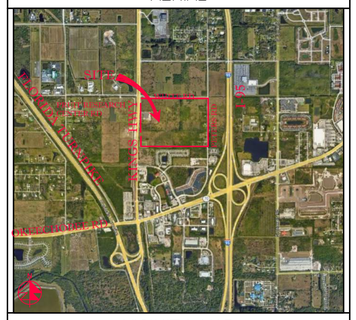
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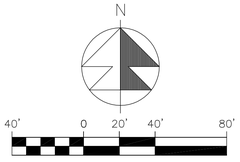


AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



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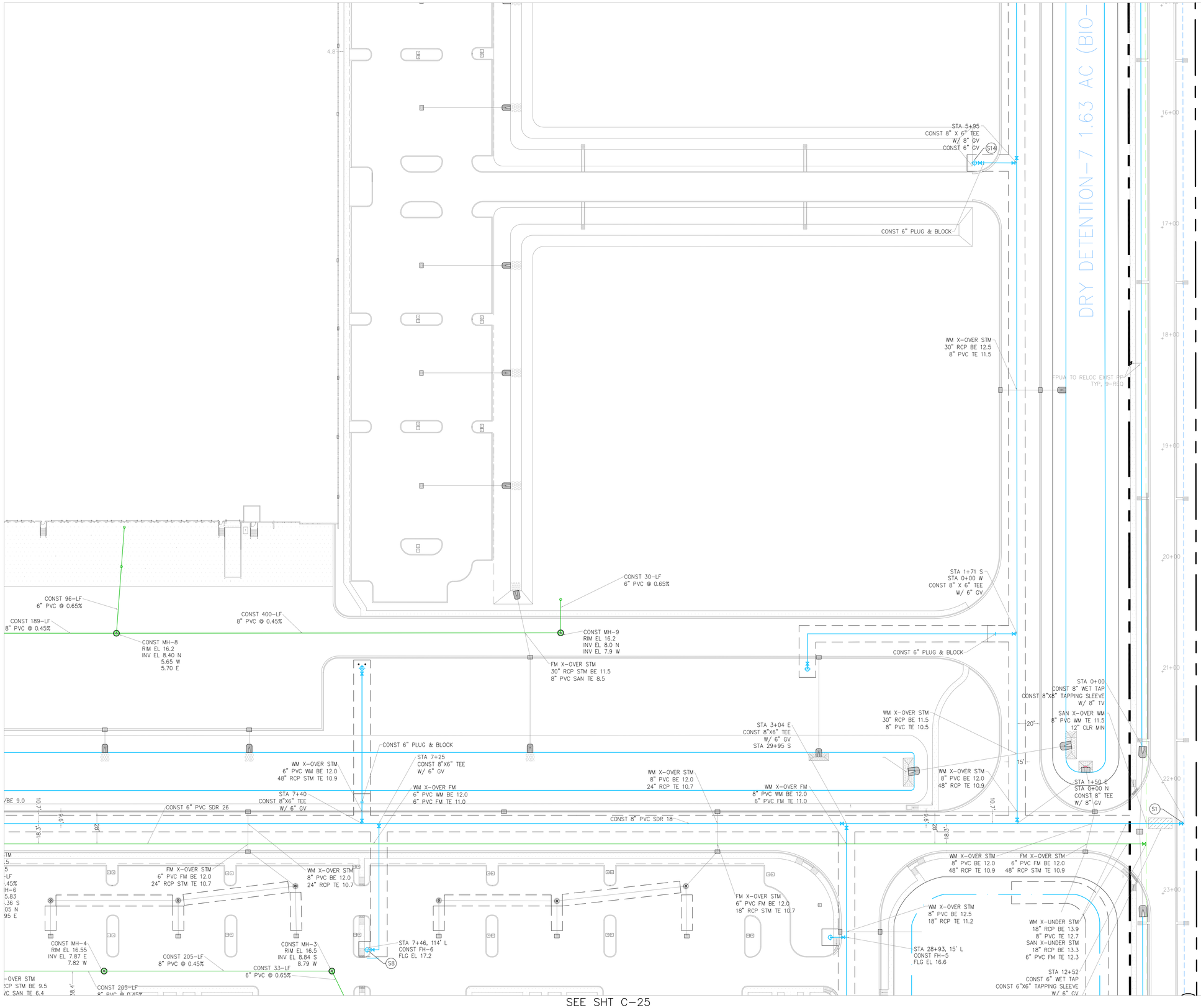
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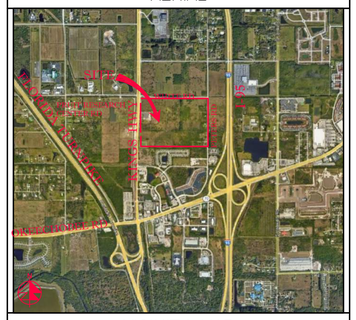
SEE SHT C-28

SEE SHT C-31



SEE SHT C-25

AERIAL



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6. ALL WM PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, F.A.C., USING BLUE AS AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING THE MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED NO MORE THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER THE INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIP THE PIPE DURING THE INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE. FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.

7. EXACT LOCATION OF WATER SERVICE & FIRE LINE STUB OUTS TO BE VERIFIED WITH GC.

8. MECH ENG DESIGNING THE FIRE SPRINKLER SYSTEM FOR THE BLDG SHALL VERIFY THE FIRE LINE SIZE & NOTIFY ENG OF MODIFICATION IF ANY.

9. CONTRACTOR SHALL CLEAN & FLUSH THE WATER LINE & PERFORM A ONE HR P&L TEST (150 PSI) ON THE WM PER CITY OF FT PIERCE'S UTILITY'S REQ'S.

10. CONTRACTOR SHALL PROVIDE P&L TEST ON FIM PER CITY OF FT PIERCE'S UTILITY'S REQ'S (200 PSI).

11. ALL SEWER INFRASTRUCTURE TO MEET CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.

12. WATER LINE SHALL BE SWABBED.

13. 2" BLOW OF ASSEMBLY SHALL BE CONSTRUCTED OF BRASS AND WILL REMAIN PERMANENT.

14. A JUMPER METER SHALL BE CONSTRUCTED AT TIE-IN LOCATION. THE JUMPER METER WILL REMAIN IN PLACE UNTIL CLEARANCE IS RECEIVED FROM FDEP.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TIE-IN TO THE WATER MAIN(S).

16. WATER SERVICE LINES SHALL CONSIST OF A BRONZE SERVICE SADDLE, CORPORATION STOP, TYPE "K" COPPER, AND CURB STOP (CURB STOPS FOR 1.5" AND 2" SHALL BE FLARE X FLANGE).

17. 8" FIRELINE AFTER DDCV SHALL BE DESIGNED AND CONSTRUCTED BY A FLORIDA REGISTERED FIRE SPRINKLER CONTRACTOR WHO SHALL VERIFY LOCATION OF ALL CONNECTIONS INCLUDING SIAMESE CONN, PIV, & CHECK VALVES.

18. ALL WELLS & SEPTIC TANKS TO BE ABANDONED. ALL DRAIN FIELDS TO BE DRAINED & ABANDONED. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS INCL. FROM ST LUCIE COUNTY HEALTH DEPT FOR ALL ABANDONMENTS.

19. ALL WM CONSTRUCTION ON PETERS RD SHALL BE DONE BEFORE ROADWAY IMPROVEMENTS / PLACEMENT OF BASE ARE STARTED.

LEGEND

⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
FH	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
B—	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
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811
CALL SUNSHINE
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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Water & Wastewater Plan

JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
2101-1355	DDI	JHI	1"=40'	01-22-21

SEAL

COA 6986

SHEET NO.

C-30

AD

WHITE ROAD

SEE SHT C-29

SEE SHT C-30

26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00

STA 10+00 S PETERS RD
STA 36+07.48 E WHITE RD

24" CMP CULVERT
NORTH INVERT 11.7
SOUTH INVERT 10.8

STA 10+03
12" GV
S11

FPUA TO RELOCATE EXIST POWER POLES TYP, 6 REQ'D

STA 0+65
CONST 12"X6" TEE W/ 6" GV
STA 0+65, 7' L
CONST FH-11
FLG EL 17.0

STA 0+00
CONST 12" WET TAP COMP W/ 12"X12" TAPPING SLEEVE & 12" TV
S10

12" PVC SDR 18

STA 1+61 E
CONST 12" X 8" TEE W/ 8" GV
CONST 12" GV
STA 12+11 S

WM X-OVER STM
30" RCP STM BE 11.5
8" PVC WM TE 10.5

WM X-OVER STM
12" PVC WM BE 12.2
30" RCP STM TE 11.14

SAN X-OVER WM
12" PVC WM TE 11.5
12" CLR MIN

CONST OPEN CUT & RESTORE
SEE SHT C-34

EXIST 8" WM

EXIST 6" FM

WM X-UNDER STM
30" RCP BE 11.5
8" PVC TE 10.5

STA 10+24
STA 9+93
CONST 8" 22.5° BEND (2)

CONST 6" PLUG & BLOCK

STA 9+78 N
STA 19+74 W
CONST 8" TEE W/ 8" GV (2)

WM X-OVER STM
30" RCP BE 12.5
8" PVC TE 11.5

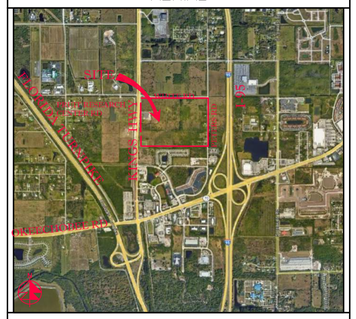
STA 5+95
CONST 8" X 6" TEE W/ 8" GV
CONST 6" GV
S14

CONST 6" PLUG & BLOCK

DETENTION-7 1.63 AC (BIO-SWALE)

15' 20.7' 4.2' 4.8'

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

1. THE LIFT STATION SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.

2. SANITARY SERVICES SHALL BE CONSTRUCTED @ 1% MIN SLOPE W/ CLEANOUTS EVERY 75' OC.

3. CONTRACTOR SHALL VERIFY SAN SERV INV EL @ BLDG W/ GC PRIOR TO CONSTRUCTION.

4. FIRE LINE AFTER REDUCED PRESSURE DET ASSEMBLY/RPDA SHALL BE DESIGNED & CONSTRUCTED BY FL REG FIRE SPRINKLER CONTRACTOR WHO SHALL VERIFY LOCATION OF ALL CONNECTIONS INCLUDING FIRE DEPT CONN'S.

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	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
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TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
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	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
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/AE	APPROVED EQUIVALENT

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Water & Wastewater Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.

C-31

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

WHITE ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

DRY DET-4
0.70 AC
(BIO-SWALE)

DRY DET-5
2.59 AC (BIO-SWALE)

CONST SILT FENCE
TYP

FUTURE TRAILER PARKING

LITTORAL
ZONE

FOUNTAIN

LAKE-1
5.34 AC

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

600'

1,250'

DRY DETENTION-7 11.63 AC (BIO-SWALE)

DRY DET-6
2.56 AC

CONST SILT FENCE
TYP

40'X50' CONSTRUCTION ENTRANCE
12" DEEP #4 FDOT AGGREGATE
2-REQ

LAKE-2
1.93 AC

BENCH W/TRASH BIN
TYP

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

LAKE-3
2.30 AC

295.04'

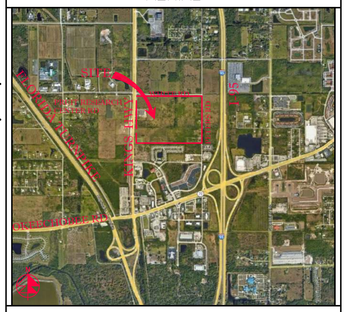
DRY DETENTION-8 2.07 AC

2215.32'

CONST SILT FENCE
TYP

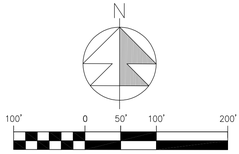
PETERS ROAD

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 100'

NOTES:

1. SILT FENCE SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION.
2. FILTER FABRIC SHALL BE INSTALLED UNDER INLET GRATES IN CONSTRUCTION AREAS & SHALL BE MAINTAINED/REPLACED AS REQ'D. FABRIC SHALL NOT BE REMOVED UNTIL ALL DISTURBED AREAS HAVE BEEN RESTORED, CLEANED FREE OF SEDIMENTATION & SOD IS INSTALLED AS REQ'D.
3. MINIMUM 6" DEEP #1 FDOT AGGREGATE SHALL BE INSTALLED AT THE CONSTRUCTION ENTRANCE PRIOR TO START OF CONSTRUCTION.
4. CONTRACTOR SHALL STABILIZE / SEED & MULCH ANY DISTURBED AREA WITH NO WITH NO CONTRUCTION ACTIVITY IN 14 DAYS.
5. CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES FOR EROSION & SEDIMENTATION CONTROL PER FDEP GUIDELINE.
6. ALL LAKES SHALL BE EXCAVATED WET WITH NO DEWATERING.
7. ALL DEWATERING DISCHARGE SHALL BE KEPT ON SITE.

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LEGEND

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18.7	EXIST EL
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TV	TAPPING VAVLE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21
REV PER FPUA 11-30-21
REV PER SP 01-15-21

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Kings Highway Commerce Park
Phase-II
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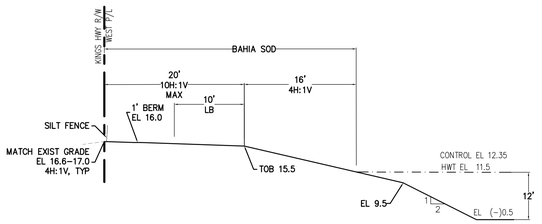
Pollution Prevention Plan

DRAWN BY: DDI
DESIGNED BY: JHI
SCALE: 1" = 100'
DATE: 01-22-2021

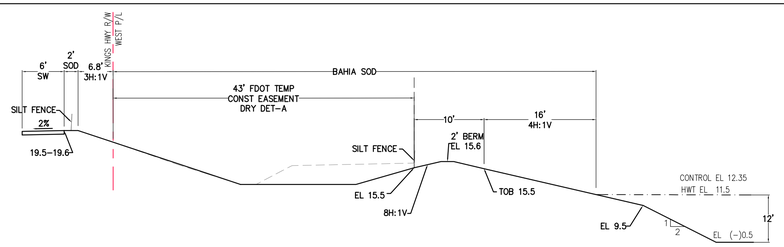
SEAL

COA 6986

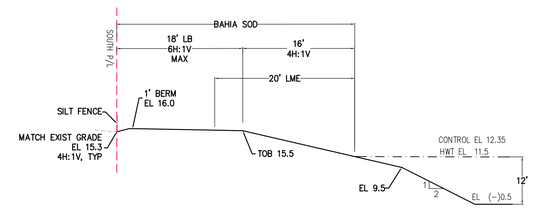
SHEET NO.
C-32



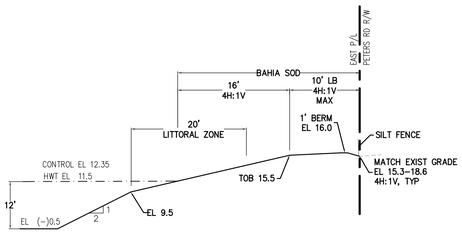
LAKE-1 SECTION
@ WEST P/L
SECTION A



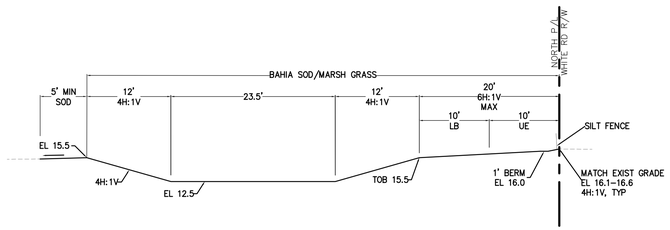
LAKE-1 SECTION
@ WEST P/L
SECTION B



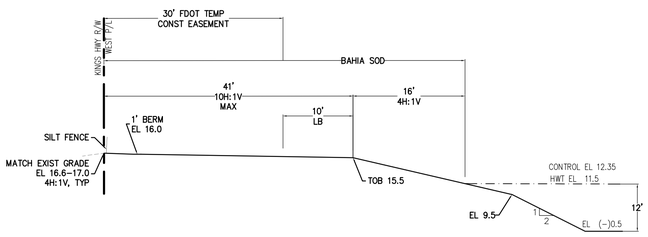
LAKE-3 SECTION
@ SOUTH P/L
SECTION C



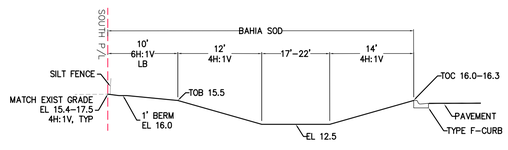
LAKE-3 SECTION
@ EAST P/L
SECTION D



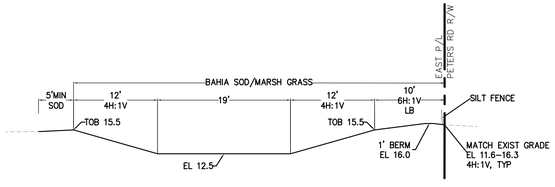
DRY DETENTION / BIO-SWALE @ NORTH P/L
SECTION E



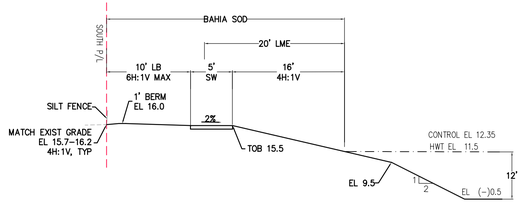
LAKE-2 SECTION
@ WEST P/L
SECTION F



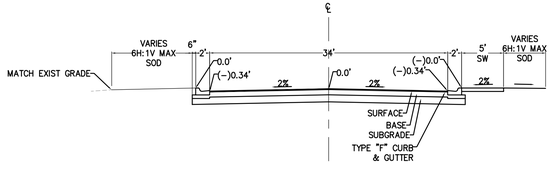
DRY DETENTION @ SOUTH P/L
SECTION G



DRY DETENTION / BIO-SWALE @ EAST P/L
SECTION H



LAKE-2 SECTION
@ SOUTH P/L
SECTION I



PAVEMENT SECTION:

SURFACE: 3" TYPE S-1 @ 2-1.5" LIFTS

BASE: 13.5" LIMEROCK / COQUINA ROCK / CRUSHED CONCRETE

SUBGRADE: 3" COMPACTED SUBGRADE

MAIN DRIVE
TYPICAL SECTION

REVISIONS

REV PER SLC 06-15-21
REV PER SFWMD 09-11-21

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Kings Highway Commerce Park
Fort Pierce, Florida

SECTIONS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

FR # 6986

SHEET NO.
C-33

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING ABOVE GROUND, UNDERGROUND, AND ON THE SURFACE STRUCTURES AND UTILITIES AGAINST THE CONSTRUCTION OPERATION THAT MAY CAUSE DAMAGE TO SAID FACILITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TESTS TO BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO ANY REQUIRED INSPECTIONS AND SHALL SUPPLY ALL EQUIPMENT NECESSARY FOR INSPECTION AND/OR TEST.
4. THE CONTRACTOR SHALL GIVE ADEQUATE NOTIFICATION TO ALL AFFECTED UTILITY OWNERS FOR REMOVAL, RELOCATION AND ALTERATION OF THEIR EXISTING FACILITIES.
5. WHERE ENCOUNTERED, UNSUITABLE MATERIAL SHALL BE REMOVED TO A DEPTH AN AREA DETERMINANT BY THE ENGINEER AND BACKFILLED WITH CLEAN GRANULAR SAND OR SELECT MATERIAL APPROVED BY THE ENGINEER. BACKFILLING SHALL BE IN LAYERS NOT GREATER THAN 8" THICKNESS AND COMPACTED TO 100 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T99-C. FILL UNDER BUILDING SHALL BE PLACED IN ACCORDANCE WITH SOIL ENGINEER'S RECOMMENDATIONS.
6. ALL WORK SHALL BE PERFORMED IN A WORKMANSHIP MANNER AND SHALL MEET WITH ALL APPLICABLE CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AND/OR CODES, INCLUDING OSHA.
7. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND/OR LICENSES TO COMMENCE CONSTRUCTION.
8. ALL CONCRETE SHALL DEVELOP A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI OR OTHERWISE NOTED.
9. ALL REINFORCING STEEL SHALL CONFORM TO ASTM-615 AND HAVE A TENSILE STRENGTH OF 60,000 PSI OR OTHERWISE NOTED.
10. THE CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FORM THE DATE THAT PROJECT HAS BEEN ACCEPTED. ALL FAULTY CONSTRUCTION AND/OR MATERIALS DURING FORESAID PERIOD SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

DRAINAGE

1. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED AS PER DETAIL AND IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. PIPE TRENCH SHALL BE DRY WHILE PIPE IS BEING LAID AND TO BE BEDDED PER DETAIL AND IN CONFORMANCE WITH SECTION 430, FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
3. PIPE TRENCHES TO EXCAVATED AND BACKFIELD IN ACCORDANCE WITH SECTION 125, FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
4. THE FOLLOWING PIPES SHALL CONFORM WITH THE APPROPRIATE FOLLOWING SECTIONS OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION:
   1. REINFORCED CONCRETE PIPE (RCP) – SECTIONS 430 AND 941
   2. CORRUGATED ALUMINUM PIPE (CAP) – SECTIONS 430 AND 945
   3. CORRUGATED STEEL PIPE (CMP) – SECTIONS 430 AND 943
5. ALL CORRUGATED PIPES SHALL BE INSTALLED WITH MAXIMUM LENGTHS IN ORDER TO MINIMIZE JOINTS.
6. ALL CONNECTION BANDS, FOR CORRUGATED PIPES, SHALL BE CORRUGATED, LAP-TYPE, IN CONFORMANCE WITH AASHTO M-196, AND TO BE MADE WATER-TIGHT BY USING A GASKET AT LEAST SIX (6) INCHES WIDE BY 3/4" THICK.
7. HDPE PIPE MATERIALS:
   HDPE PIPES 12" THROUGH 36" NOMINAL DIAMETER:
   TYPE "S" SMOOTH INTERIOR PIPE IN CONFORMACE WITH AASHTO M294.
   NOTE: CORRUGATIONS SHALL BE ANNULAR CONFIGURATION ONLY.
   HDPE PIPES 42" AND 48" NOMINAL DIAMETER:
   TYPE "D" SMOOTH INTERIOR, SMOOTH EXTERIOR PIPE IN CONFORMANCE MP48-95 TYPE "D".
8. ALL SOD LAID WITHIN SLOPES OF BERMS, DRAINAGE SWALES, AND RETENTION AREAS SHALL BE PINNED PER ENGINEERS DIRECTION.
9. ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC.
10. ALL ROOF DRAINS AND YARD DRAINS SHALL BE CONNECTED TO STRUCTURES BY THE UNDERGROUND CONTRACTOR.

ROADWAY

1. SUBGRADE SHALL BE AS SHOWN ON SECTION.
2. BASE SHALL BE AS SHOWN ON SECTION, HAVE A MINIMUM LBR 100 AND TO BE COMPACTED TO 98 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTOT-180.
3. PRIME COAT SHALL BE APPLIED AT THE RATE OF .15 GALLON PER SQ. YARD. WHERE REQUIRED, TACK SHALL BE APPLIED AT THE RATE OF . .08 GALLON PER SQUARE YARD.
4. THE CONTRACTOR IS TO SUBMIT ALL REQUIRED TESTS ON SUBGRADE, BASE AND SURFACE COURSE MATERIAL PRIOR TO ANY REQUEST FOR PAYMENT.
5. IF ANY TEST FAILS TO MEET THEIR SPECIFICATIONS, THE CONTRACTOR, AT THEIR EXPENSE, SHALL CORRECT ALL DEFICIENT WORK AND SUBMIT TEST RESULTS INDICATING COMPLIANCE WITH THESE SPECIFICATIONS PRIOR TO ANY REQUEST FOR PAYMENT.
6. ALL UNDERGROUND UTILITIES WITHIN ROADWAY CONSTRUCTION SHALL BE INSTALLED PRIOR TO ROAD CONSTRUCTION.
7. ALL ROADWAY CONSTRUCTION AND MATERIAL SHALL CONFORM TO THE APPLICABLE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
8. ALL CURBING, AND RAISED SIDEWALK IF SHOWN, SHALL BE CONSTRUCTED PRIOR TO ASPHALT PAVING.

CONSTRUCTION INSPECTION CHECKPOINTS

ROADWAY: THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR INSPECTION AT THE FOLLOWING CHECKPOINTS:

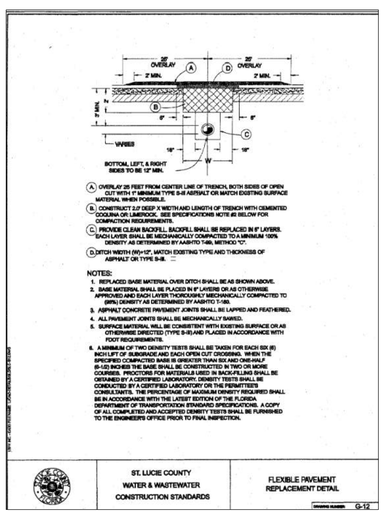
1. PRIOR TO ANY DEVIATION FROM THE APPROVED GRADING, PAVING, AND DRAINAGE PLANS.
2. PRIOR TO BACK FILLING OF TRENCHES CONTAINING HYDRAULIC CONDUITS, SO THAT JOINTS MAY BE INSPECTED.
3. UPON COMPLETION OF THE SUBGRADE COMPACTION.
4. AT THE TIME OF DELIVERY OF BASE MATERIAL.
5. UPON COMPLETION OF THE BASE AND PRIOR TO PRIMING.
6. IMMEDIATELY PRIOR TO AND DURING THE FIRST APPLICATION OF THE MIXES WEARING SURFACE.
7. UPON COMPLETION OF CONSTRUCTION A FINAL INSPECTION MAY BE MADE WITH THE CONTRACTOR.

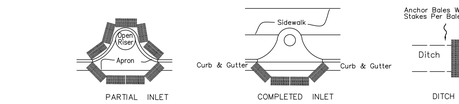
STRIPING

1. ALL PAVEMENT STRIPING SHALL BE THERMOPLASTIC IN ACCORDANCE WITH FDOT INDEX 711-001. STRIPING FOR PEDESTRIAN CROSSING AND STOP BARS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH FDOT INDEX 711-001.

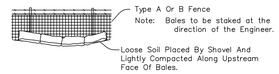
CONCRETE SPECIFICATIONS

1. ALL CONCRETE SHALL REACH COMP STRENGTH OF 3,000 PSI MIN IN 28 DAYS. MIX DESIGN SHALL INCLUDE MINIMUM CEMENT CONTENT OF 470 LBS OF PORTLAND CEMENT TYPE II PER ASTM C-150 & 120 LB OF FLY ASH /AE PER CY AND ADMIXTURES SHALL CONFORM TO ASTM C-494. WATER/CEMENT=0.5 MAX.
2. SLUMP AND CYLINDER TESTS (ASTM C-31) SHALL BE MADE BY AN INDEPENDENT TESTING LABORATORY. PROVIDE 4 TESTS WITH EACH CONCRETE POUR AND/OR EACH 50 YD OF CONCRETE PLACED. SLUMP @ POUR SHALL BE 5 IN MAX. (6" FOR PUMP MIX). NO WATER IS TO BE ADDED ON THE JOB SITE.
3. CONTRACTOR SHALL SUBMIT THE MIX DESIGN TO ENGINEER FOR REVIEW.

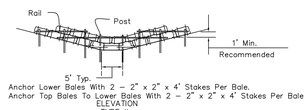


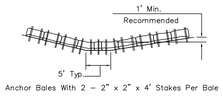


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



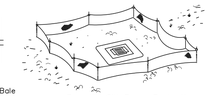
BALES BACKED BY FENCE





Application and Spacing: The use of Types I & II bale barriers should be limited to the conditions outlined in Chart 1, Sheet 1 of 3, Index No. 102, FDOT standard specifications.

BARRIER FOR UNPAVED DITCHES

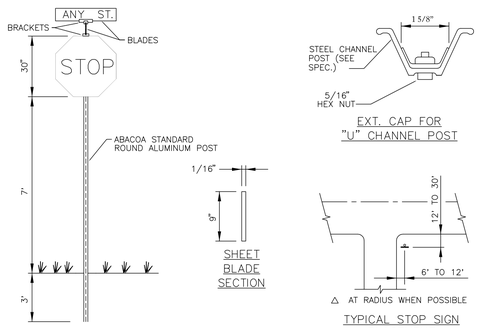




Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS
8" MIN EMBEDMENT

BALED HAY OR STRAW BARRIERS AND SILT FENCES



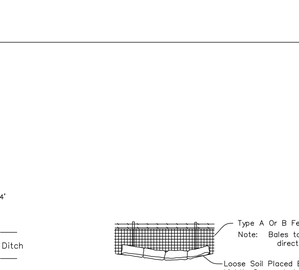
GENERAL SPECIFICATIONS

FLAT BLADE: ALCOA #86054.6063-T6 ALLOY ETCHED, DEGREASED WITH #1200 ALODINE FINISH WITH #2277 GREEN SCOTCHLITE BACKGROUND OR EQUAL DIMENSIONS – 9" & 12" MIN H., 24",30" OR 36" L.
LETTER: NAME – 6" & 9" SERIES "B" #2270 SCOTCHLITE (SILVER) OR EQUAL – SUFFIX – 4.5" SERIES AS ABOVE.
BRACKETS: SEE DETAILS
POST: STEEL FLANGED CHANNEL POST WITH BAKED GREEN ALKYD FINISH PER A.S.T.M. – A – 123 WITHOUT ANCHOR PLATES.
STOP SIGN: R1-1 MUTCD – 30"x30" (HIGH INTENSITY) 36"x36" (FDOT DRIVEWAYS)
LOCATION: ONE PER INTERSECTION AS INDICATED ON THE PLANS.
POLICY: 9" BLADE WITH 6" LETTERS FOR TWO LANE ROADS WITH A SPEED LIMIT UNDER 45 MPH.
12" BLADES WITH 9" LETTERS:
–THOROUGHFARE ROADS FOUR LANES OR WIDER
–TWO LANE ROADS WITH A POSTED SPEED LIMIT 45 MPH OR MORE.

DIMENSION TOL.	2.00	3.00
'A' ±	3/32"	1–15/32"	1–7/8"
'B' ±	1/8"	3–1/16"	3–1/2"
'C' ±	1/16"	1–9/32"	1–5/16"
'D' ±	1/32"	3/16"	7/32"

CHANNEL POST

STREET SIGN/STOP SIGN DETAIL



9"–12" SNS (D-3) BRACKET DETAIL

A– ALL DIMENSIONS AND SPECIFICATIONS CONTAINED IN DRAWINGS

B– MATERIALS: ALUMINUM HIGH STRENGTH ALLOY 380 ASTM B95–60T. HARDWARE SHALL BE SMOOTHLY FINISHED AND PRECISION MACHINED TO FIT STANDARD FLAT BLADE SECTION. ALLOWING CLEARANCE FOR REFLECTIVE FACING ACCORDING TO REQUIREMENTS

C– POST TO SIGN BRACKET: THEY SHALL BE ATTACHED FIRMLY ON STANDARD ROUND TUBING OR U–CHANNEL POSTS BY MEANS OF (2) 5/16" DIAMETER HEX HEAD SCREWS

D– SIGN TO SIGN BRACKET: THEY SHALL BE 90 OR 45 DEGREE TYPE WITH MINIMUM REQUIREMENTS EQUAL TO THE POST TO SIGN BRACKET

REVISIONS

REV PER FDOT 09–16–21

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
EMAIL: JHI@bellsouth.net
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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

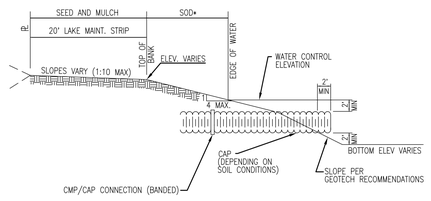
PAVING, GRADING, & DRAINAGE DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

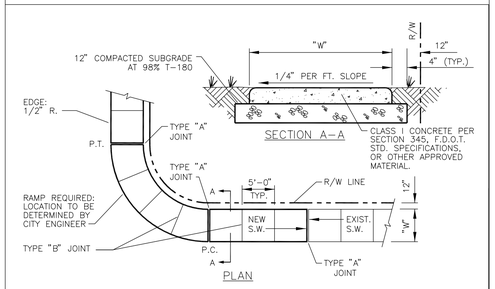
CDA # 6986

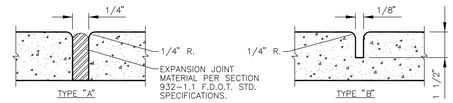
SHEET NO.
C-34



*SEED AND MULCH BANKS FOR NEW LAKE CONSTRUCTION ONLY

TYPICAL LAKE BANK AND DRAINAGE OUTFALL





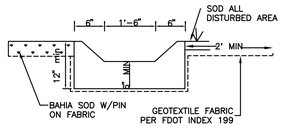
SIDEWALK JOINT

TABLE OF SIDEWALK THICKNESS – "T"	
RESIDENTIAL AREAS	4"
WITHIN 10' OF CROSS-STREETS, AT DRIVEWAYS & OTHER AREAS*	6"
TABLE OF SIDEWALK WIDTHS – "W"	
NON-VEHICULAR AREAS	4'*
THIS PROJECT WILL BE	5'
OTHER AREAS AS SPECIFIED BY THE LAND DEVELOPMENT REGULATIONS.	

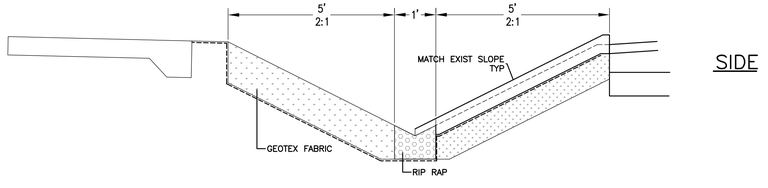
* MINIMUM.

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30'.
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS SCORED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT
"A"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES

SIDEWALK CONSTRUCTION DETAIL



FRONT



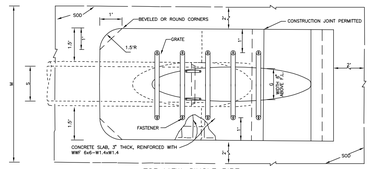
SIDE

PETERS RD CONC FLUME DETAIL

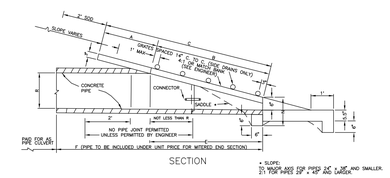
D	X	A	B	C	E	F	G	M SINGLE PIPE	M DOUBLE PIPE	M TRIPLE PIPE	M QUAD PIPE	N	GRATE STANDARD WEIGHT PIPE
15"	2'-0"	2'-3"	5'-09"	8'-3"	4'-3"	8"	1'-4"	4'-8"	7'-3"	9'-9"	12'-3"	1'9"	15"
18"	2'-0"	2'-3"	5'-11"	7'-8"	5'-03"	9"	1'-5"	4'-8"	7'-3"	10'-3"	13'-3"	2'1"	15"
24"	2'-0"	2'-3"	6'-1.5"	8'-1"	7'-03"	11"	1'-7"	5'-0"	8'-9"	12'-3"	15'-9"	2'5"	15"
30"	2'-0"	2'-10"	7'-2"	9'-3"	9'-03"	1'-3"	2'-0"	6'-08"	10'-3"	14'-3"	18'-3"	2'9"	15"

△ 6.42' ◇ 10.40'
△ 6.25' DIMENSIONS PERMITTED TO ALLOW USE OF 8" STANDARD PIPE LENGTHS.
◇ 10.10' DIMENSIONS PERMITTED TO ALLOW USE OF 12" STANDARD PIPE LENGTHS.
△◇ CONCRETE SLAB SHALL BE DEEPENED TO FORM BRIDGE ACROSS CROWN OF PIPE. SEE SECTION BELOW.

4 TO 1 SLOPE



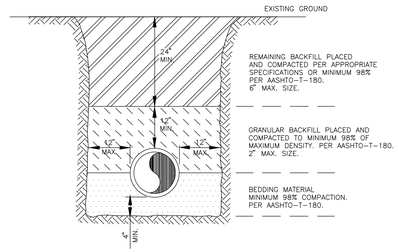
NOTE:
1. GRATE SHALL BE UTILIZED ONLY FOR CROSS DRAIN UNDER PUBLIC RIGHT OF WAY.



* SLOPE:
TO MAJOR AXIS FOR PIPES 24" x 38" AND SMALLER.
2:1 FOR PIPES 29" x 45" AND LARGER.

MITERED END DETAIL

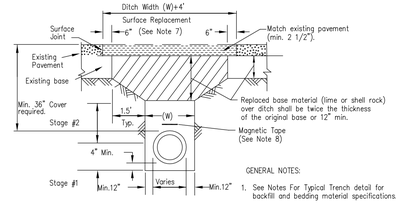
SEE LATEST FDOT ROADWAY & TRAFFIC DESIGN STANDARDS MANUAL
SIDE DRAIN MITERED END SECTION FOR SINGLE AND MULTIPLE ROUND CONCRETE PIPE



NOTES:

1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8"-7/8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, AND DEBRIS.
5. DENSITY TESTS ARE REQUIRED IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, OR AS DIRECTED BY THE INSPECTOR.

TYPICAL TRENCH DETAIL



DENSITY PROCEDURES:

The backfill for the first and second stages shall be placed in 6" layers (compacted thickness) and shall be compacted to 100% of maximum density as determined by AASHTO T-99.

Stage #1

The contractor shall provide adequate 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 required.

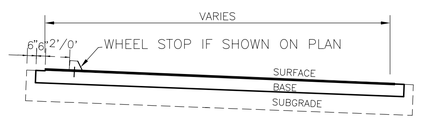
Stage #2

The contractor shall obtain a well compacted bed and fill along the sides of the pipe and to a point indicating the top of sub-grade material.

GENERAL NOTES:

1. See Notes For Typical Trench detail for backfill and bedding material specifications.
2. Base material shall be placed in 6" layers and each layer compacted to 98% of maximum density per AASHTO T-180.
3. Asphalt concrete pavement joints shall be mechanically sawed (butt joints only).
4. Surface material will be consistent with the existing surface. The affected area shall be restored to equal or better condition.
5. The developer/contractor shall be responsible for compliance regarding any additional specifications as required by the property owner. (FDOT, County, City, etc....)
6. Excavatable "Flowable Fill" with ultimate compressive strength between 50 and 150 psi may be used to substitute for the backfill and base materials.
7. Pavement overlay on both sides of the cut maybe required per owner specification.
8. Magnetic Tape is required for all Potable Water Mains and all PVC/HDPE Force Mains and Reclaimed Water Mains. (See Trenching Detail for installation instructions).
9. The contractor shall be compliant with applicable trench safety regulations (OSHA, etc.)

PIPE INSTALLATION UNDER EXISTING PAVEMENT – OPEN CUT



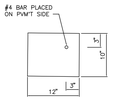
FLEXIBLE PAVEMENT (PARKING)
SURFACE: 2.5" ACSC (1ST LIFT 1.5" S-1/SP 12.5 2ND LIFT 1" S-3/SP 9.5)
BASE: 8" LIMEROCK/COQUINA ROCK/CRUSHED CONC* MIN LBR 100
SUBGRADE: 12" COMP
COMP: COMPACTED TO 98% MAX D.D. AASHTO T-180

FLEXIBLE PAVEMENT (ROADWAY/HEAVY DUTY)
SURFACE: 3" S-1/SP 12.5 ACSC (2-1.5" LIFTS)
BASE: 8" LIMEROCK/COQUINA ROCK/CRUSHED CONC* MIN LBR 100
SUBGRADE: 12" STAB 40 LBR
COMP: COMPACTED TO 98% MAX D.D. AASHTO T-180

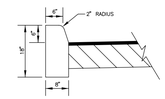
CONC SLAB
SURFACE: 6" 3KSI W/2-6X6 W1.4XW1.4 WWM
W/1.5" SAW-CUTS @ 12' MAX O.C. E.W.
SAW CUT SLAB DIM'S PROPORTION SHALL BE 1.5:1MIN
ALL JOINTS SHALL BE IN ACCORD W/ FDOT INDEX 305
BASE: 6" LIMEROCK / COQUINA ROCK COMP MIN LBR 100
SUBGRADE: 12" COMP

CONCRETE SPECIFICATIONS
1. ALL CONCRETE SHALL REACH COMP STRENGTH OF 3,000 PSI MIN IN 28 DAYS. MIX DESIGN SHALL INCLUDE MINIMUM CEMENT CONTENT OF 470 LBS OF PORTLAND CEMENT TYPE II PER ASTM C-150 & 120 LB OF FLY ASH /AE PER CY AND ADMIXTURES SHALL CONFORM TO ASTM C-494. WATER/CEMENT=0.5 MAX.
2. SLUMP AND CYLINDER TESTS (ASTM C-31) SHALL BE MADE BY AN INDEPENDENT TESTING LABORATORY. PROVIDE 4 TESTS WITH EACH CONCRETE POUR AND/OR EACH 50 YD OF CONCRETE PLACED. SLUMP @ POUR SHALL BE 5 IN MAX. (6" FOR PUMP MIX). NO WATER IS TO BE ADDED ON THE JOB SITE.
3. CONTRACTOR SHALL SUBMIT THE MIX DESIGN TO ENGINEER FOR REVIEW.

PAVEMENT TYP SECTION



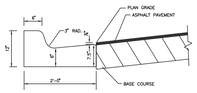
TYPE 'C' CURB



NOTES:
1. SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
2. CONCRETE TO BE A MINIMUM OF 3000 PSI CONCRETE AT 28 DAYS.
3. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
4. SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

TYPE "D" CURB

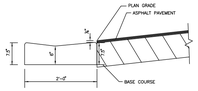
NOT TO SCALE



NOTE:
1. INSTALL CURB IN ACCORDANCE WITH F.D.O.T. INDEX NO. 520-001
2. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.

TYPE "F" CURB

NOT TO SCALE

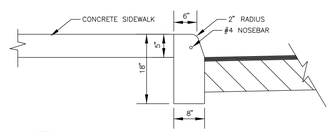


NOTE:
1. INSTALL CURB IN ACCORDANCE WITH F.D.O.T. INDEX NO. 520-001
2. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.

DROP CURB

NOT TO SCALE

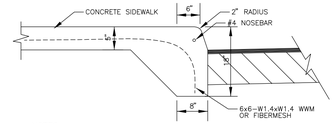
CURB DETAILS



NOTES:
1. SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
2. CONCRETE TO BE A MINIMUM OF 3000 PSI CONCRETE AT 28 DAYS
3. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
4. SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.
5. SIDEWALK TO BE POURED AFTER CURB CONSTRUCTION
6. SEE SIDEWALK DETAIL FOR JOINT PLACEMENT

RAISED SIDEWALK W/ CURB

NOT TO SCALE



NOTES:
1. SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
2. CONCRETE TO BE A MINIMUM OF 3000 PSI CONCRETE AT 28 DAYS
3. SEE SIDEWALK DETAIL FOR JOINT PLACEMENT

MONOLITHIC RAISED SIDEWALK

NOT TO SCALE

SIDEWALK DETAILS

REVISIONS
REV PER CLT 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 09-16-21
REV PER FPUA 11-04-21
REV PER PH-II 03-01-22

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

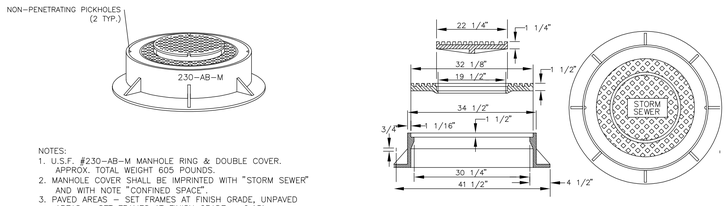
PAVING, GRADING, & DRAINAGE DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

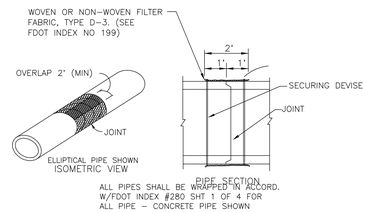
SEAL

CDA # 6986

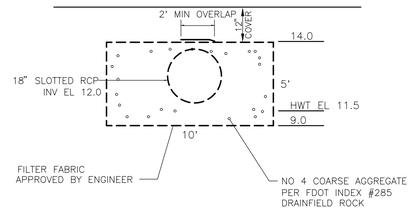
SHEET NO.
C-35



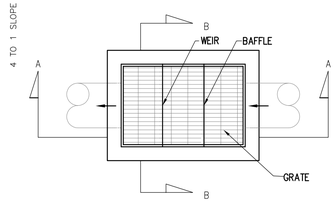
MANHOLE FRAME AND RING DETAIL

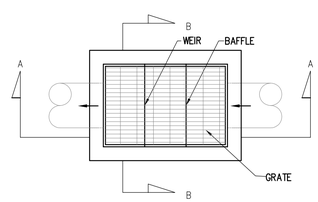


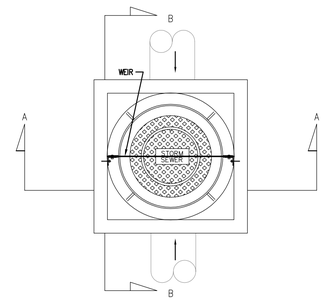
FILTER FABRIC JACKET



EXFILTRATION TRENCH

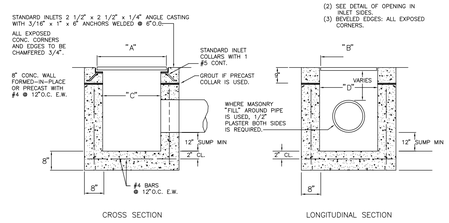






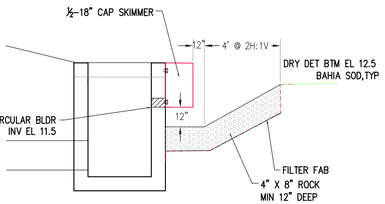
MAX. GRATE SLOPE	TYPE INLET	"A"	"B"	"C"	"D"	GRATE APPROX. WT
15.66	C	2'-4"	3'-0"	2'-0"	3'-1"	230 LBS.
23.93	D	4'-4"	3'-0"	2'-0"	4'-1"	280 LBS.
58.20	G	4'-4"	4'-0"	3'-0"	4'-1"	360 LBS.
58.20	H	5'-4"	4'-0"	3'-0"	5'-1"	725 LBS.

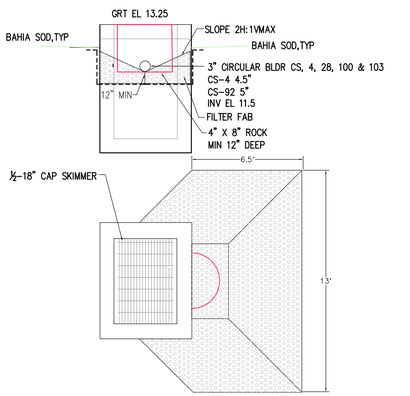
NOTES:(1) GRATES TO BE CAST IRON WITH ONE (1) SHOP COAT OF RED LEAD PAINT AND WITH ONE (1) COAT OF INLET FDOT STANDARD SPECIFICATIONS, LATEST EDITION.
(2) SEE DETAL OF OPENING IN INLET SIDES.
(3) BEVELED EDGES: ALL EXPOSED CORNERS.



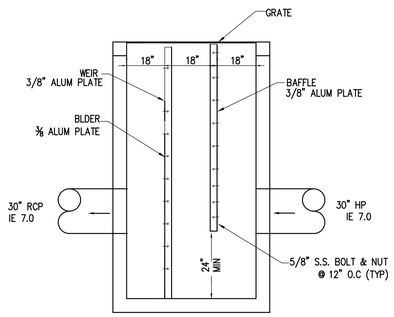
INLET DETAILS

N.T.S.

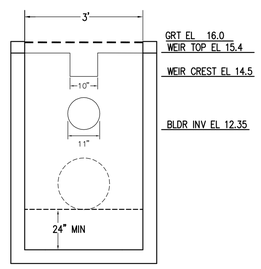




CS-5,28,92,100,103 CONTROL STRUCTURE

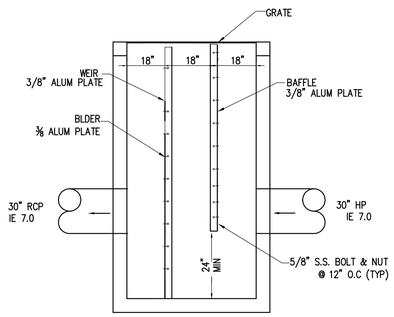


SECTION A-A

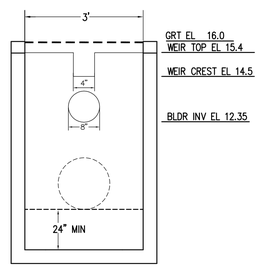


SECTION B-B

CS-1 TYPE "E" CONTROL STRUCTURE

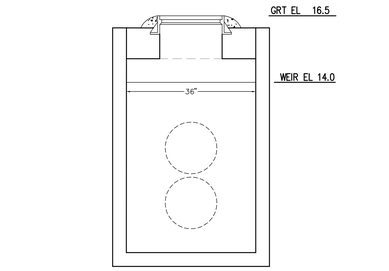


SECTION A-A

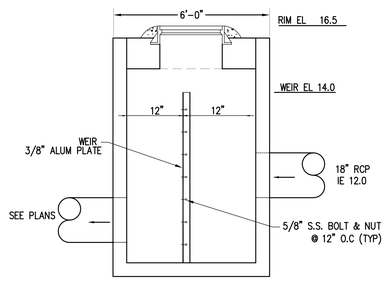


SECTION B-B

CS-2 TYPE "E" CONTROL STRUCTURE

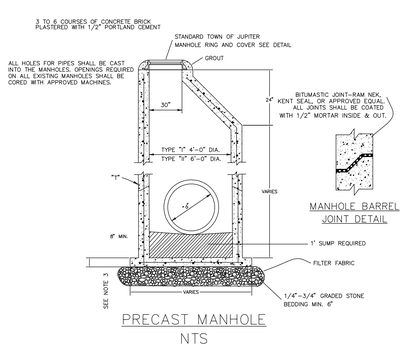


SECTION A-A



SECTION B-B

CS-39,48,62,73 CONTROL STRUCTURE



PRECAST MANHOLE NTS

NOTES:
1. MANHOLE SHALL CONFORM TO ASTM C478 WITH 4000 PSI CONCRETE.
2. CONE SECTION MAY BE EITHER CONCENTRIC OR ECCENTRIC.
3. BASE SHALL BE A MINIMUM OF 8" AND PRECAST WITH BOTTOM SECTION.
4. CONCRETE FOR BASE SHALL BE 3000 PSI AND FOR WALLS 4000 PSI CONCRETE WALL.
5. COMPLETED FILL SHALL BE BETWEEN PSI AND WITH WALL WITH CLAY BRICK AND PORTLAND TYPE II CEMENT.
6. WALL THICKNESS "t" SHALL BE A MINIMUM OF 8".
7. FOR ADDITIONAL INFORMATION AND CLARIFICATION CONCERNING MANHOLE AND INLET CONSTRUCTION DETAILS AND SPECIFICATIONS, REFER TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS (STANDARD INDEX MANUAL) LATEST EDITION.

STORM SEWER PRECAST MANHOLE

REVISIONS
REV PER CLT 06-25-21
REV PER SLC 07-26-21
REV PER SFWMD 09-11-21
REV PER PH-II 03-18-22

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

PAVING, GRADING, & DRAINAGE DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

CDA # 6986

SHEET NO.
C-36

FORT PIERCE UTILITIES AUTHORITY
WATER DISTRIBUTION NOTES

1. ALL CONSTRUCTION MATERIAL, INSTALLATION AND TESTING SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE FORT PIERCE UTILITIES AUTHORITY.
2. WATER MAINS WHERE SPECIFIED AS POLYVINYL CHLORIDE (PVC) SHALL CONFORM TO AWWA C-900 OR C-905, PRESSURE CLASS 150, DR (18). WATER MAINS WHERE SPECIFIED AS POLYETHYLENE (PE) SHALL CONFORM TO AWWA C-901 OR C-906, STANDARD CODE DESIGNATION PE3408, PIPE CLASS 200, DIMENSION RATIO (DR) 17 FOR DIRECT BURY. (DR) 11 FOR DIRECTIONAL BORING, AND (DR) 9 FOR 2 INCH AND SMALLER PIPELINES.
3. WATER MAIN, WHERE SPECIFIED AS DUCTILE IRON PIPE , SHALL CONFORM TO ANSI/AWWA C151/A21.51 AND SHALL BE PRESSURE CLASS 250 (MINIMUM).
4. POLYVINYL CHLORIDE WATER MAIN SHALL BE BLUE IN COLOR OR WHITE IN COLOR WITH BLUE STRIPES. THE USE OF IDENTIFICATION TAPE ATTACHED TO THE TOP OF THE PIPE MAY BE USED IN LIEU OF MARKING ON THE PIPE, ALSO DIP PIPE SHALL REQUIRE THE USE OF IDENTIFICATION TAPE AND THHN WIRE.
5. FITTINGS SHALL BE DUCTILE IRON CONFORMING TO ANSI/AWWA C-110/A21.10, CLASS 250 MIN., CEMENT LINED AND FACTORY COATED
6. GATE VALVES SHALL BE MUELLER RESILIENT SEAT, KENNDY KEN-SEAL, AMERICAN OR APPROVED EQUAL. VALVES SHALL CONFORM TO AWWA C-509.
7. WATER LINES SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH FPUA DESIGN AND CONSTRUCTION STANDARDS. THE CONTRACTOR SHALL SUBMIT CERTIFIED DENSITY TESTS AS REQUIRED BY FPUA ENGINEERING AND THE CITY, COUNTY, FDOT. IN CASES WHERE PAVED AREAS FALL WITHIN THE JURISDICTION OF LOCAL OR STATE AGENCIES, THE COMPACTION REQUIREMENTS SHALL NOT BE LESS THAN THE MINIMUM REQUIRED BY THE APPROPRIATE RESPONSIBLE AGENCY.
8. NO FIELD CHANGES OR DEVIATIONS FROM THE DESIGN SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE FPUA ENGINEER AND CITY/COUNTY/FDOT ENGINEER.
9. THE CONTRACTOR SHALL NOTIFY FPUA ENGINEERING AND CITY/COUNTY/FDOT ENGINEERING 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
10. A PRE-CONSTRUCTION CONFERENCE BETWEEN THE ENGINEER, THE CONTRACTOR, FPUA, AND CITY/COUNTY/FDOT ENGINEER SHALL BE MANDATORY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
11. TRAFFIC CONTROL, BARRICADES, ETC., SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF OF TRANSPORTATION STANDARDS AND APPROVED BY THE CITY ENGINEER.
12. MINIMUM COVER SHALL BE 36 INCHES EXCEPT AS APPROVED BY THE UTILITIES ENGINEER AND CITY/COUNTY/FDOT ENGINEER. PIPES WITH COVER LESS THAN 30 INCHES SHALL BE CONSTRUCTED OF DUCTILE IRON OR IN PVC CASING.
13. DISTURBED AREAS SHALL BE RESTORED IN CONFORMANCE WITH THE APPLICABLE GOVERNING AGENCY REQUIREMENTS.
14. EXISTING UTILITIES AND DRAINAGE SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION AND PROTECTED BY THE CONTRACTOR.
15. WATER MAINS SHALL BE TESTED AND DISINFECTED IN ACCORDANCE WITH THE APPLICABLE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND AWWA C-651 FOR DISINFECTION.

WATER DISTRIBUTION	G-1 NOTES
02-06 DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: JJM — COMPUTER FILE # DETAIL NOTES 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: JJM — SCALE: N.T.S.	
APPROVED: JLC — DATE: 2010	SHEET 1 OF 2

FORT PIERCE UTILITIES AUTHORITY
WATER DISTRIBUTION NOTES
CONTINUED

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING UTILITIES AND DRAINAGE.
17. THE CONTRACTOR SHALL FURNISH RECORD DRAWING INFORMATION TO THE ENGINEER INCLUDING LOCATIONS OF VALVES, FITTINGS, SERVICE CONNECTIONS, BLOWOFFS, AIR RELEASE VALVES, AND ANY OTHER PERTINENT INFORMATION NECESSARY TO LOCATE ITEMS CONSTRUCTED UNDER THIS PROJECT, AS REQUIRED BY THE UTILITIES ENGINEER.
18. THE CONTRACTOR SHALL TAP EXISTING LINES UNDER THE SUPERVISION OF THE FORT PIERCE UTILITIES AUTHORITY ONLY AFTER TESTING AND DISINFECTION HAS BEEN COMPLETED AND APPROVED ON THE TAPPING VALVE AND SLEEVE.
19. WATER MAIN SHALL BE MARKED BY THE USE OF CONTINUOUS 10 GAUGE THHN MULTI STRANDED WIRE (BLUE IN COLOR) AND IDENTIFICATION TAPE WITH "WATER" MARKED ON TAPE, PERMANENTLY ATTACHED TO THE TOP OF THE WATER MAIN IN ACCORDANCE WITH THE FORT PIERCE UTILITES AUTHORITY SPECIFICATIONS.
20. SERVICE TAPS SHALL BE PLACED APPROXIMATELY TEN FEET AWAY FROM GATE VALVES, AS SHOWN, FOR TESTING. FOLLOWING TESTING AND STERILIZATION OF WATER LINE. CONTRACTOR SHALL PLACE A BRASS PLUG IN CORPORATION STOPS AND CURB STOPS SHALL BE REMOVED FROM TESTING LOCATIONS.
21. MECHANICAL RESTRAINTS TO BE USED ON ALL FITTINGS AND PLACED IN ACCORDANCE WITH MANUFACTURER'S OR ENGINEER'S RECOMMENDATIONS (WHICHEVER IS MORE STRINGENT) AND FPUA REQUIREMENTS.
22. ALL MAINS SHALL BE TESTED AT A MINIMUM OF 150 PSI. TESTING METHODS SHALL CONFORM TO AWWA C-600. – 2 HR MINIMUM TEST

$$L = \frac{SD(P)\ 1/2}{148,000}$$

L= LEAKAGE IN GPH
S= LENGTH OF PIPE IN FEET
D= PIPE DIAMETER IN INCHES
P= TESTING PRESSURE IN PSI

23. PRIOR TO ANY TESTING, ALL MAINS 6" IN DIA. AND LARGER SHALL HAVE A SWAB PASSED THRU THE ENTIRE LENGTH OF THE LINE. NOTE: SWAB SHOULD BE PLACED IN 1st. JOINT OF NEW LINE. END OF LINE SHOULD BE "TURNED UP" AT 45$ AND EXTENDED SO THAT SWABBING AND A FULL BORE FLUSH CAN BE ACCOMPLISHED. BLOW-OFF ASSY CAN THEN BE PLACED. WHERE LINES BRANCH, SWABS WILL BE PLACED IN BRANCH LINES AND SEQUENTIALLY SWABBED AND FLUSHED.
24. A MINIMUM SIX FEET AND PREFERABLY TEN FEET HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN THE WATER MAIN AND ANY WASTEWATER LINES. 6 INCHES MINIMUM VERTICAL SEPARATION IF WATER MAIN IS OVER WASTEWATER AND 12 INCHES IF WATER MAIN IS UNDER SHALL BE MAINTAINED BETWEEN THE WATER MAIN AND ANY WASTWATER LINES. THE DISTANCE SHALL BE MEASURED FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE OR STRUCTURE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE WASTEWATER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING, AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGHTS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.
25. WHERE A WATER MAIN IS TO BE INSTALLED BELOW A STORM DRAIN PIPE, A MINIMUM OF 6 INCHES OF VERTICAL CLEARANCE BETWEEN PIPES SHALL BE CONSTRUCTED OF DIP AT THE CROSSING, AND SHALL BE MECHANICALLY RESTRAINED WITHIN 20 FEET OF THE CROSSING.
26. CONTRACTOR SHALL COMPLY WITH FLORIDA TRENCH SAFETY ACT REQUIREMENTS.

WATER DISTRIBUTION	G-1 NOTES
02-06 DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: JJM — COMPUTER FILE # DETAIL NOTES 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: JJM — SCALE: N.T.S.	
APPROVED: JLC — DATE: 2010	SHEET 2 OF 2

STANDARD SEPARATION STATEMENT FOR WATER / SEWER CONFLICTS

1. SANITARY SEWER, FORCE MAINS, AND STORM SEWERS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, FORCE MAINS AND STORM SEWERS CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 6 INCHES, PREFERABLY 12 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHEN ABOVE, AND AT LEAST 12 INCHES OF SEPARATION WHEN THE WATER MAIN IS BELOW.

WHERE SANITARY SEWER, FORCE MAINS, STORM SEWERS MUST CROSS A WATER MAIN WITH LESS THAN 6 INCHES VERTICAL SEPARATION, BOTH THE SEWER AND WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) CENTERED ON THE CROSSING. (DIP IS NOT REQUIRED FOR STORM SEWERS.) SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED.

ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING), AT SUCH CROSSINGS PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 6 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL BE CONSTRUCTED OF DIP (EXCEPT STORM SEWERS) AND NEW PIPES SHALL BE ARRANGED TO MEET THE CROSSING REQUIREMENTS ABOVE.

2. A MINIMUM 3-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF STORM SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

A MINIMUM 3-FOOT, AND PREFERABLE 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN VACUUM TYPE SANITARY SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN "ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

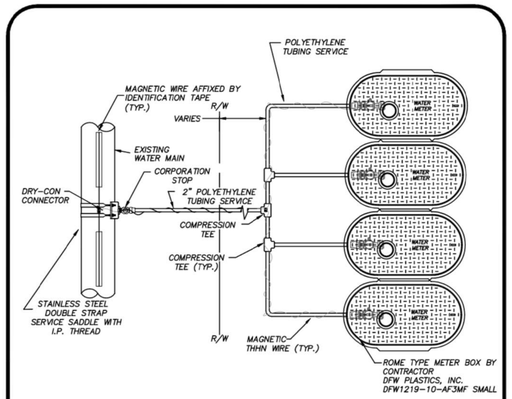
A MINIMUM 6-FOOT, AND PREFERABLE 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN GRAVITY OR PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY TYPE SANITARY SEWERS SHALL BE REDUCED TO 3 FOOT WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER

IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10-FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON A UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 6 INCHES ABOVE THE TOP OF THE SEWER.

WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 6 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR THE FORCE MAIN SHALL BE CONSTRUCTED OF DIP (EXCEPT STORM SEWER) WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).

3. ALL DIP SHALL BE PRESSURE CLASS 250 MIN.. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY THE DESIGN ENGINEER.

STANDARD SEPARATION STATEMENT FOR WATER/SEWER CONFLICT	G-3 WATER/SEWER CONFLICT
02-06 DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: JJM — COMPUTER FILE # DETAIL NOTES 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: JJM — SCALE: N.T.S.	
APPROVED: JLC — DATE: 2010	SHEET 1 OF 1

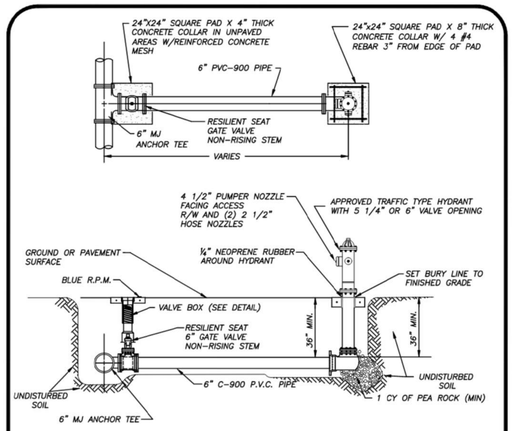


NOTES:

1. BLUE 10 GAUGE THHN WIRE SHALL BE ATTACHED TO THE SERVICE LINE AND RAN TO OUTER METERS ONLY.
2. WHERE SERVICES UNDER PAVEMENT ARE REQUIRED, THE POLYETHYLENE TUBING SHALL BE INSTALLED WITHIN SCHEDULE 40 PVC CASING PIPE.
3. ALL METER SIZES SHALL REQUIRE LOCKABLE METER VALVE. (CURB STOP)
4. MINIMUM COVER IN UNPAVED AREAS SHALL BE 30", IN PAVED AREAS OR PLANNED ROADWAYS OR SWALES MIN. COVER SHALL BE 36".
5. POLY SERVICE LINE SHALL VARY IN SIZE PER COMMERCIAL USE.
6. F.P.U.A. SHALL REMOVE METER BOXES AND INSTALL STAND PIPES AT THE TIME OF CONNECTION.

TYPICAL MULTIPLE WATER SERVICE CONNECTION (COMMERCIAL)
(N.T.S.)

TYPICAL MULTIPLE WATER SERVICE CONNECTION (COMMERCIAL)	W-4A
03-09 DESIGN SLL J.L.C. DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: J.L.C. — COMPUTER FILE # W-4.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL — SCALE: N.T.S.	
APPROVED: J.L.C. — DATE: 2020	SHEET 1 OF 1

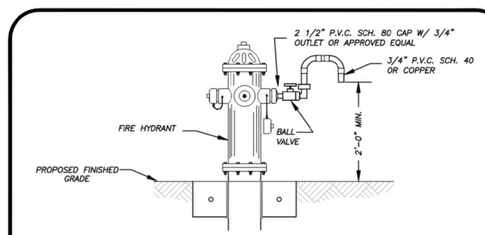


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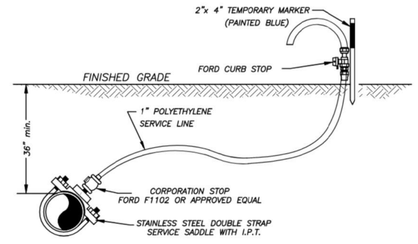
1. HYDRANT SHALL BE INSTALLED PLUMB & TRUE.
2. HYDRANT SHALL BE PAINTED CARNIVAL RED FROM FACTORY.
3. HEEL TO REST IN UNDISTURBED SOIL.
4. THE ONLY HYDRANTS ACCEPTABLE ARE: MUELLER SUPER CENTURION 250 OR AMERICAN DARLING B-84-B-5.
5. HYDRANT ASSEMBLY MUST BE RESTRAINED TO TEE.
6. ALL FITTINGS SHALL BE MECHANICAL JOINT.
7. ENTIRE ASSEMBLY TO BE MECHANICALLY RESTRAINED.
8. BLUE LOCATOR SHALL BE PLACED IN CENTER OF TRAVEL LANE CLOSEST TO HYDRANT.
9. ALL HYDRANT VALVE BOX COVERS SHALL BE PAINTED CARNIVAL RED.
10. LOCATE WIRE SHALL TERMINATE AT HYDRANT ISOLATION VALVE
11. HYDRANTS SHALL BE NO MORE THAN FIFTEEN FEET (15 FT.) FROM THE CURB OF ROADWAYS OR FROM THE EDGE OF PAVEMENT. CLEARANCES OF SEVEN AND ONE HALF FEET (7FT-6IN.) IN FRONT OF AND TO THE SIDES OF THE FIRE HYDRANTS, WITH FOUR FOOT (4 FT.) CLEARANCE TO THE REAR OF HYDRANTS SHALL BE MAINTAINED.

TYPICAL FIRE HYDRANT ASSEMBLY
(N.T.S.)

TYPICAL FIRE HYDRANT ASSEMBLY	W-5
03-09 DESIGN SLL J.L.C. DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: J.L.C. — COMPUTER FILE # WATERDETAILS.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL — SCALE: N.T.S.	
APPROVED: J.L.C. — DATE: 2010	SHEET 1 OF 1



BACTERIOLOGICAL SAMPLING POINT @ FIRE HYDRANT
(N.T.S.)

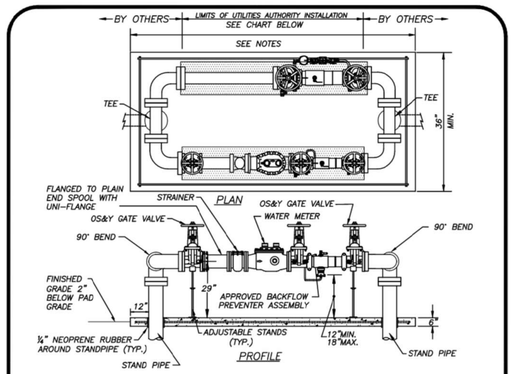


BACTERIOLOGICAL SAMPLING POINT @ WATER MAIN
(N.T.S.)

NOTE:

AFTER TESTING REMOVE 1" P.E. LINE AND CAP WITH BRASS PLUG AT CORPORATION STOP.

BACTERIOLOGICAL SAMPLING PONIT DETAIL	W-6
03-09 02-15 SLL J.L.C. DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: J.L.C. — COMPUTER FILE # WATERDETAILS.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL — SCALE: N.T.S.	
APPROVED: J.L.C. — DATE: 2010	SHEET 1 OF 1



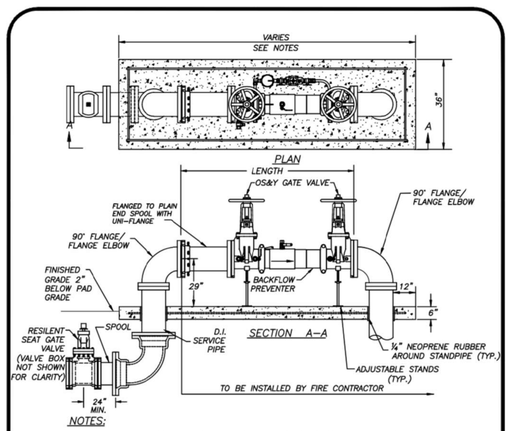
NOTES:

1. LANDSCAPING IS REQUIRED PER CITY OF FORT PIERCE OR ST. LUCIE COUNTY ORDINANCE. NO PLANTS OR TREES WITHIN 36" AROUND METER TO ALLOW MAINTENANCE WITHOUT DAMAGE TO PLANTS ETC.
2. CONTRACTOR TO INSTALL APPROPRIATE SIZED SPOOL PIECES TO FIT BETWEEN 90° BENDS UNTIL METERS ARE APPROVED FOR INSTALLATION. ALL SPOOL PIECES SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE IN ACCORDANCE WITH THE CHART BELOW.
3. PRIOR TO POURING CONCRETE PAD, VERIFY THAT THE STANDPIPES ARE PLUMB, TRUE AND ARE INSTALLED AT THE SAME ELEVATION IN THE PRESENCE OF THE FPUA INSPECTOR.
4. ALL CONCRETE SHALL HAVE FIBERGLASS MESH REINFORCEMENT WITH #4 REBAR 3" FROM THE OUTER PERIMETER.

SIZE	SERVICE	LENGTH
3	COMPOUND	83 INCHES
4	COMPOUND	95 INCHES
6	COMPOUND	106 INCHES

WATER METER/BACKFLOW PREVENTER ASSEMBLY
COMMERCIAL WATER METER SERVICES (METER SIZE > 3")

WATER METER/BACKFLOW PREVENTER DOMESTIC SERVICE (METER SIZE ≥ 3")	W-9
03-09 CONCRETE SLAB SLL J.L.C. DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: J.L.C. — COMPUTER FILE # WATER DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL — SCALE:	
APPROVED: J.L.C. — DATE: 2010	SHEET 1 OF 1



NOTES:

1. LANDSCAPING IS REQUIRED PER CITY OF FORT PIERCE OR ST. LUCIE COUNTY ORDINANCE.
2. ASSEMBLY TO BE 29" FROM FINISH GRADE TO CENTERLINE OF THE FLANGED 90° BEND.
3. PRIOR TO POURING THE CONCRETE PAD, VERIFY THAT THE STANDPIPES ARE PLUMB, TRUE AND INSTALLED AT THE SAME ELEVATIONSIN THE PRESENCE OF AN FPUA INSPECTOR.
4. ALL CONCRETE SHALL HAVE FIBERGLASS MESH REINFORCEMENT WITH #4 REBAR 3" FROM THE OUTER PERIMETER.

SIZE	SERVICE	LENGTH
4	DOUBLE DETECTOR	53 INCHES
6	DOUBLE DETECTOR	62 INCHES
8	DOUBLE DETECTOR	69 INCHES
10	DOUBLE DETECTOR	76 INCHES

BACKFLOW PREVENTER ASSEMBLY-4"-10" FIRE SERVICE
(N.T.S.)

BACKFLOW PREVENTER ASSEMBLY 4"-10" FIRE SERVICE	W-10
03-09 CONCRETE PAD SLL J.L.C. DATE: REVISION: BY: APPD.	WATER/WASTEWATER ENGINEERING
DESIGNED: J.L.C. — COMPUTER FILE # WATER DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL — SCALE: N.T.S.	
APPROVED: J.L.C. — DATE: 2010	SHEET 1 OF 1

REVISIONS

REV PER FPUA 11/01/21

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

WATER DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

CDA # 6986

SHEET NO.
C-37

FORT PIERCE UTILITIES AUTHORITY WASTEWATER CONSTRUCTION NOTES

1. ALL CONSTRUCTION MATERIAL, INSTALLATION AND TESTING SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE FORT PIERCE UTILITIES AUTHORITY.
2. GRAVITY SEWER MAIN SHALL BE POLYVINYL CHLORIDE SDR-26, GREEN OR WHITE IN COLOR, GRAVITY SEWER MAIN SHALL HAVE LOCATOR TAPE WITH "SEWER" MARKED ON TAPE AND SHALL CONFORM TO ASTM D-3034.
3. THE MANHOLE BASE SHALL BE SET ON A FIRM, DRY AND STABLE OR COMPACTED BASE FOUNDATION. IF NECESSARY, THE CONTRACTOR SHALL UTILIZE ROCK TO PROVIDE A FIRM AND SUITABLE MANHOLE BASE FOUNDATION.
4. WASTEWATER LINES SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH FPUA DESIGN AND CONSTRUCTION STANDARDS. THE CONTRACTOR SHALL SUBMIT CERTIFIED DENSITY TESTS AS REQUIRED BY FPUA ENGINEERING AND THE CITY ENGINEERING DEPARTMENT. IN CASES WHERE PAVED AREAS FALL WITHIN THE JURISDICTION OF LOCAL OR STATE AGENCIES, THE COMPACTION REQUIREMENTS SHALL NOT BE LESS THEN THE MINIMUM REQUIRED BY THE APPROPRIATE RESPONSIBLE AGENCY.
5. A 1% MINIMUM SLOPE SHALL BE MAINTAINED ON ALL SANITARY SERVICE LATERALS.
6. THE CONTRACTOR SHALL FURNISH RECORD DRAWING INFORMATION TO THE ENGINEER CONSISTING OF PIPE SIZES, LOCATION OF SERVICE TEE WYES, DIAMETER OF SERVICES, LOCATION OF ANY FITTINGS, FINAL RIM AND INVERT ELEVATION OF ALL MANHOLES AND ANY OTHER PERTINENT INFORMATION NECESSARY TO LOCATE ITEMS CONSTRUCTED UNDER THIS PROJECT.
7. MAINTAIN SIX FEET AND PREFERABLY 10 FEET HORIZONTAL DISTANCE BETWEEN WATER MAINS AND SEWER MAINS AS A MINIMUM.
8. WASTEWATER FORCE MAINS, WASTEWATER COLLECTION LINES, AND STORM SEWERS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. A MINIMUM VERTICAL DISTANCE OF 12 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE SHALL BE PROVIDED WHENEVER POSSIBLE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE WASTEWATER PIPE JOINTS AND THE WATER PIPE JOINTS ARE EQUIDISTANCE FROM THE POINT OF CROSSING, AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.
9. A PRE-CONSTRUCTION CONFERENCE BETWEEN THE ENGINEER, THE CONTRACTOR, AND FPUA/CITY COUNTY/FDOT SHALL BE MANDATORY PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
10. NO FIELD CHANGES OR DEVIATIONS FORM THE DESIGN SHALL BE MADE WITHOUT PRIOR APPROVAL FPUA/CITY/COUNTY/FDOT ENGINEER,
11. TRAFFIC CONTROL, BARRICADES, ETC. SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS.
12. CONTRACTOR SHALL NOTIFY FORT PIERCE UTILITIES AUTHORITY 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
13. WASTEWATER FORCE MAIN SHALL BE POLYVINYL CHLORIDE CONFORMING TO AWWA C-900, AND SHALL BE CLASS 150, DR-18.
14. WASTEWATER FORCE MAIN SHALL BE GREEN IN COLOR.
15. FITTINGS SHALL BE DUCTILE IRON, CONFORMING TO ANSI/AWWA C-110/A21.10 CLASS 250 MIN. AND INTERIOR EPOXY COATED.
16. WASTEWATER FORCE MAIN SHALL BE MARKED BY THE USE OF CONTINUOUS 10 GAUGE THHN WIRE (GREEN IN COLOR) PERMANENTLY ATTACHED TO THE TOP OF THE FORCE MAIN WITH LOCATOR TAPE MARKED "SEWER" ON TAPE IN ACCORDANCE WITH FPUA SPECIFICATIONS.
17. MINIMUM COVER SHALL BE 36 INCHES. PIPES WITH COVER LESS THAN 30 INCHES SHALL REQUIRE PRIOR APPROVAL OF THE UTILITES ENGINEER AND SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE.
18. EACH SERVICE LATERAL WILL BE MARKED WITH A LOCATOR BALL AS MANUFACTURED BY 3M CORPORATION, OR APPROVED EQUAL AS REQUIRED BY FPUA ENGINEER.
19. ALL MANHOLES SHALL HAVE SEWER RAIN GUARDS INSTALLED AS REQUIRED BY FPUA ENGINEER.
20. THE CONTRACTOR SHALL COMPLY WITH THE FLORIDA TRENCH SAFETY ACT REQUIREMENTS.

WASTEWATER CONSTRUCTION NOTES FPUA REQUIREMENTS	G-2 CONSTRUCTION NOTES
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JJM; COMPUTER FILE # DETAIL NOTES 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: JJM; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2010	SHEET 1 OF 1

STANDARD SEPARATION STATEMENT FOR WATER / SEWER CONFLICTS

1. SANITARY SEWER, FORCE MAINS, AND STORM SEWERS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, FORCE MAINS AND STORM SEWERS CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 6 INCHES. PREFERABLY 12 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHEN ABOVE, AND AT LEAST 12 INCHES OF SEPARATION WHEN THE WATER MAIN IS BELOW.

WHERE SANITARY SEWER, FORCE MAINS, STORM SEWERS MUST CROSS A WATER MAIN WITH LESS THAN 6 INCHES VERTICAL SEPARATION, BOTH THE SEWER AND WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) CENTERED ON THE CROSSING. (DIP IS NOT REQUIRED FOR STORM SEWERS.) SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED.

ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING). AT SUCH CROSSINGS PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 6 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL BE CONSTRUCTED OF DIP (EXCEPT STORM SEWERS) AND NEW PIPES SHALL BE ARRANGED TO MEET THE CROSSING REQUIREMENTS ABOVE.

2. A MINIMUM 3-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF STORM SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

A MINIMUM 3-FOOT, AND PREFERABLE 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN VACUUM TYPE SANITARY SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN "ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS" AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

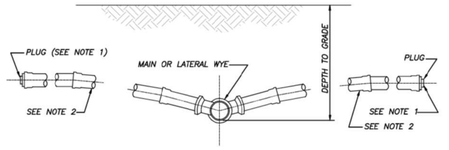
A MINIMUM 6-FOOT, AND PREFERABLE 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN GRAVITY OR PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO 3 FOOT WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER

IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10-FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON A UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 6 INCHES ABOVE THE TOP OF THE SEWER.

WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 6 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR THE FORCE MAIN SHALL BE CONSTRUCTED OF DIP (EXCEPT STORM SEWER) WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).

3. ALL DIP SHALL BE PRESSURE CLASS 250 MIN.. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY THE DESIGN ENGINEER.

STANDARD SEPARATION STATEMENT FOR WATER/SEWER CONFLICT	G-3 WATER/SEWER CONFLICT
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JJM; COMPUTER FILE # DETAIL NOTES 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: JJM; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2010	SHEET 1 OF 1

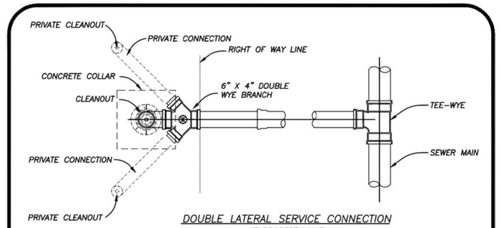


NOTES:

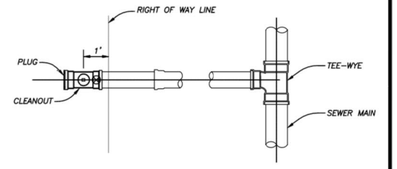
1) BALL TYPE WASTEWATER LOCATOR BY 3M CORP. OR APPROVED EQUAL.
2) MINIMUM SLOPE OF 1/8" PER FOOT, USE GREATER SLOPE WHERE POSSIBLE.
3) SERVICE LATERAL SHALL TERMINATE WITH A CLEANOUT.
4) INSTALL CLEANOUT AT THE PROPERTY LINE. REFER TO DETAIL S-1 FOR SPECIFIC PROPERTY LAYOUT.

SERVICE CONNECTION
(N.T.S.)

SERVICE CONNECTION WASTEWATER	S-2
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JLC; COMPUTER FILE # SEWER DETAIL 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2015	SHEET 1 OF 1



DOUBLE LATERAL SERVICE CONNECTION
AT PROPERTY LINE

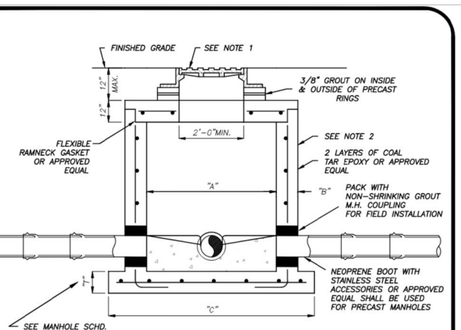


SINGLE SERVICE LATERAL CONNECTION

⊛ = BALL TYPE WASTEWATER LOCATOR INSTALLED ABOVE THIS POINT
BALL BY 3M CORP. OR APPROVED EQUAL
SERVICE LATERAL SHALL TERMINATE WITH A CLEANOUT

SERVICE CONNECTION
(N.T.S.)

SERVICE CONNECTION WASTEWATER	S-3
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JLC; COMPUTER FILE # SEWER DETAIL 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2010	SHEET 1 OF 1



PIPE DIA.	"A"	"B"	"C"	BOT. SLAB "T"
8"-24"	4'-0"	"8"	76"	8"
30"-36"	5'-0"	"8"	88"	10"
42"-48"	6'-0"	"8"	100"	12"

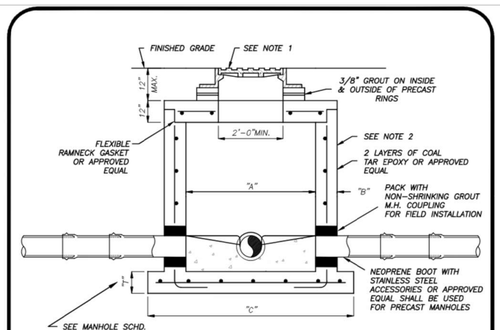
TYPICAL MANHOLE DIMENSIONS

NOTES:

1) MANHOLE FRAME & COVER WITH THE WORDS " SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
2) ALL CONCRETE MANHOLES TO BE 4000 P.S.I. TO MEET OR EXCEED ASTM C478 ALL CEMENT TO BE TYPE II ACID RESISTANT. REINFORCING AREA OF 0.02 SQ. IN/FT FOR WALL SECTION MIN. TO MEET OR EXCEED ASTM A 185.
3) A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
4) RAIN GUARDS SHALL BE INSTALLED IN MANHOLES THAT HAVE GRAVITY MAINS 12" OR LESS.

SHALLOW MANHOLE
DEPTH OF LESS THAN 5'-0"
(N.T.S.)

PRECAST MANHOLE DEPTH OF LESS THAN 5'- 0"	S-6
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JLC; COMPUTER FILE # SEWER DETAIL 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2010	SHEET 1 OF 1



PIPE DIA.	"A"	"B"	"C"	BOT. SLAB "T"
8"-24"	4'-0"	"8"	76"	8"
30"-36"	5'-0"	"8"	88"	10"
42"-48"	6'-0"	"8"	100"	12"

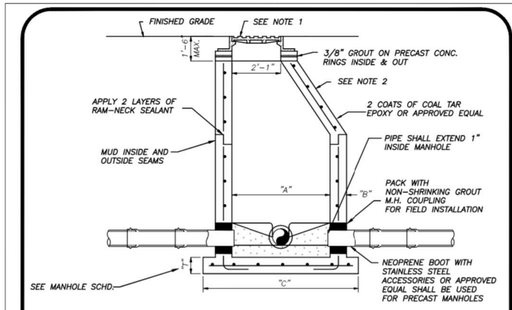
TYPICAL MANHOLE DIMENSIONS

NOTES:

1) MANHOLE FRAME & COVER WITH THE WORDS " SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
2) ALL CONCRETE MANHOLES TO BE 4000 P.S.I. TO MEET OR EXCEED ASTM C478 ALL CEMENT TO BE TYPE II ACID RESISTANT. REINFORCING AREA OF 0.02 SQ. IN/FT FOR WALL SECTION MIN. TO MEET OR EXCEED ASTM A 185.
3) A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
4) RAIN GUARDS SHALL BE INSTALLED IN MANHOLES THAT HAVE GRAVITY MAINS 12" OR LESS.

SHALLOW MANHOLE
DEPTH OF LESS THAN 5'-0"
(N.T.S.)

PRECAST MANHOLE DEPTH OF LESS THAN 5'- 0"	S-6
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JLC; COMPUTER FILE # SEWER DETAIL 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2010	SHEET 1 OF 1



PIPE DIA.	"A"	"B"	"C"	BOT. SLAB "T"
8"-24"	4'-0"	"8"	76"	8"
30"-36"	5'-0"	"8"	88"	10"
42"-48"	6'-0"	"8"	100"	12"

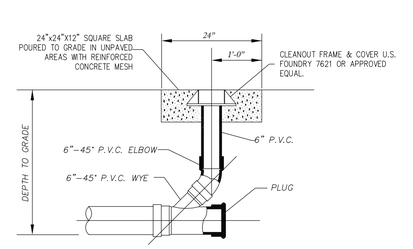
TYPICAL MANHOLE DIMENSIONS

NOTES:

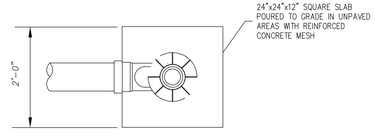
1) MANHOLE FRAME & COVER WITH THE WORDS " SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
2) ALL CONCRETE MANHOLES TO BE 4000 P.S.I. TO MEET OR EXCEED ASTM C478 ALL CEMENT TO BE TYPE II ACID RESISTANT. REINFORCING AREA OF 0.02 SQ. IN/FT FOR WALL SECTION MIN. TO MEET OR EXCEED ASTM A 185.
3) A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
4) RAIN GUARDS SHALL BE INSTALLED IN MANHOLES THAT HAVE GRAVITY MAINS 12" OR LESS.

STANDARD MANHOLE
DEPTH 5'-0" AND GREATER
(N.T.S.)

PRECAST MANHOLE DEPTH 5'- 0" & GREATER	S-7
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
DESIGNED: JLC; COMPUTER FILE # SEWER DETAIL 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY
DRAWN BY: SLL; SCALE: N.T.S.	
APPROVED: JLC; DATE: 2010	SHEET 1 OF 1



SECTION



PLAN

CLEANOUT DETAIL
(N.T.S.)

TERMINAL CLEANOUT DETAIL WASTEWATER	
02-06 DATE: REVISION: BY: APPD:	WATER/WASTEWATER/GAS ENGINEERING
DESIGNED: DLP; COMPUTER FILE # SEWER DETAIL 2006O2.DWG	FT. PIERCE UTILITIES AUTHORITY 206 SOUTH 6TH STREET FT. PIERCE, FLORIDA 34948 (561) 466-1600
DRAWN BY: DLP; SCALE: N.T.S.	
APPROVED: DATE: DECEMBER, 2007	SHEET 1 OF 1

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Phase-II
Fort Pierce, Florida

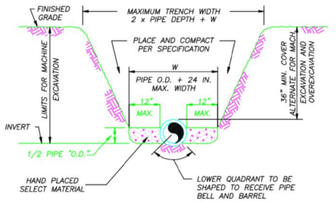
WASTEWATER DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

CDA # 6986

SHEET NO.
C-38



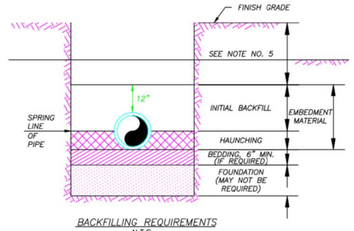
NOTES:

1) THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF THE FLORIDA TRENCH SAFETY ACT.

2) INITIAL BACKFILL SHALL BE HAND PLACED TO 12" ABOVE THE PIPE. BACKFILL SHALL BE MECHANICALLY TAMPED TO A MINIMUM OF 100% OF MAX. DENSITY AS DETERMINED BY AASHTO METHOD T-99.

TYPICAL TRENCH DETAIL
N.T.S.

TYPICAL TRENCH DETAIL		M-1
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1



BACKFILLING REQUIREMENTS
N.T.S.

NOTES:

1) IN CERTAIN SOIL CONDITIONS A FOUNDATION MAY BE REQUIRED.

2) BEDDING IS REQUIRED PRIMARILY TO BRING THE TRENCH BOTTOM UP TO GRADE. BEDDING MATERIALS SHALL PROVIDE A UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE.

3) HAUNCHING MATERIAL SHALL BE HAND PLACED TO THE SPRINGLINE OF THE PIPE. MATERIAL SHALL BE CONSOLIDATED UNDER THE PIPE AND HAND TAMPED TO PROVIDE ADEQUATE SIDE SUPPORT.

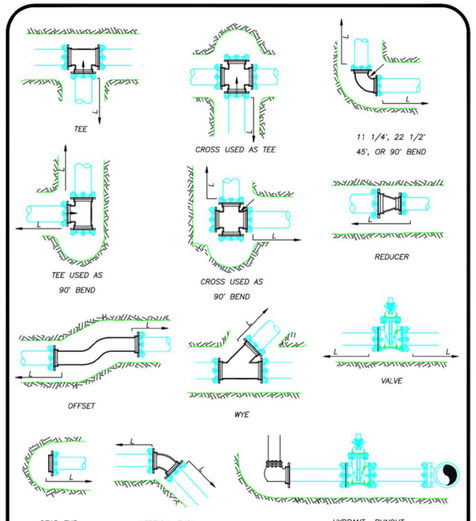
4) INITIAL BACKFILL MATERIAL SHALL BE HAND PLACED TO 12" ABOVE THE TOP OF PIPE. THE SOIL SHALL BE COMPACTED TO 100% MAX. DENSITY.(AASHTO T-99)

5) BACKFILL SHALL BE COMPACTED TO 100% OF MAX. DENSITY AS PER AASHTO T-99, TO A POINT 30" BELOW PROPOSED PROFILE GRADE OR EXISTING GRADE. THE FINAL 30" OF BACKFILL SHALL BE COMPACTED TO 98% OF MAX. DENSITY AS PER AASHTO T-180.

6) DENSITY TEST SHALL BE PERFORMED AT AREAS DETERMINED BY THE UTILITIES ENGINEER OR PERMIT AGENCY HAVING JURISDICTION, AT THE CONTRACTORS EXPENSE.

7) CONTRACTOR TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL TRENCH SAFETY REGULATIONS.

BACKFILLING REQUIREMENTS		M-2
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1



MECHANICAL JOINT ANCHORING REQUIREMENTS
N.T.S.

MECHANICAL JOINT ANCHORING REQUIREMENTS		M-3
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1

MECHANICAL JOINT RESTRAINT NOTES

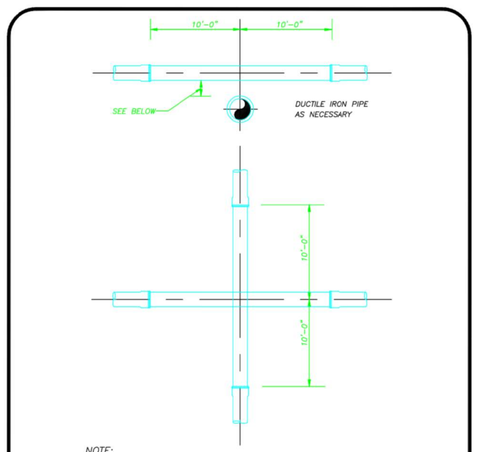
NOTES:

1) THE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING THE REQUIRED LENGTH TO BE RESTRAINED BASED UPON THE PROJECT AREA SOIL TYPE, PROPOSED TRENCH CONDITIONS AND DEPTH, PRESSURE OF 150 PSI, AND A SAFETY FACTOR OF TWO (2). A DRAWING OF EVERY TYPICAL FITTING ASSEMBLY WITHIN THE PROJECT SHALL BE SUBMITTED WHICH REFLECTS THE RESTRAINT DETAIL PROPOSED FOR USE, INCLUDING LENGTH OF PIPE RESTRAINT.

2) REQUIRED RESTRAINED LENGTH CALCULATIONS SHALL ALSO CONSIDER THE CONDITIONS OF OTHER BENDS OR FITTINGS THAT WILL BE LOCATED WITHIN THE CALCULATED RESTRAINED LENGTH (L) OF THE BEND OR FITTING IN QUESTION.

3) EVERY JOINT OR FITTING MUST BE RESTRAINED ON BOTH SIDES OF THE BEND AND FOR TEES ALONG THE BEND ALSO.

MECHANICAL JOINT RESTRAINT NOTES		M-4
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1

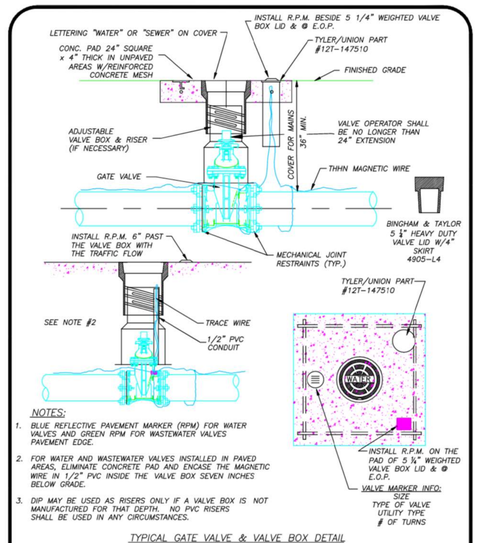


NOTE:

PLEASE REFER TO FORT PIERCE UTILITIES STANDARD SEPARATION STATEMENT FOR WATER / SEWER CONFLICTS.

UTILITY CROSSING DETAIL
N.T.S.

UTILITY CROSSING DETAIL		M-5
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1

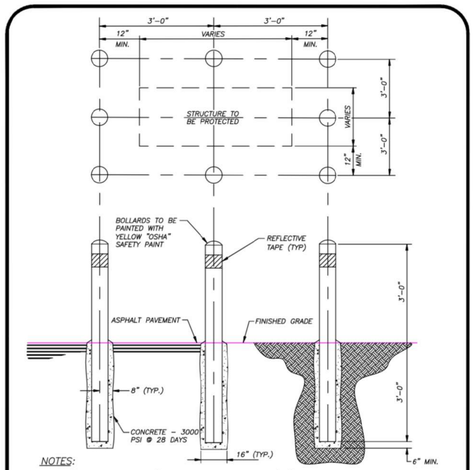


NOTES:

1. BLUE REFLECTIVE PAVEMENT MARKER (RPM) FOR WATER VALVES AND GREEN RPM FOR WASTEWATER VALVES PAVEMENT EDGE.
2. FOR WATER AND WASTEWATER VALVES INSTALLED IN PAVED AREAS, ELIMINATE CONCRETE PAD AND ENCASE THE MAGNETIC WIRE IN 1/2" PVC INSIDE THE VALVE BOX SEVEN INCHES BELOW GRADE.
3. DIP MAY BE USED AS RISERS ONLY IF A VALVE BOX IS NOT MANUFACTURED FOR THAT DEPTH. NO PVC RISERS SHALL BE USED IN ANY CIRCUMSTANCES.

TYPICAL GATE VALVE & VALVE BOX DETAIL
N.T.S.

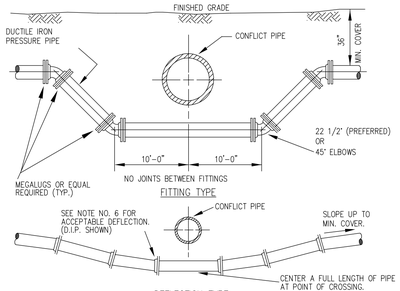
TYPICAL GATE VALVE & VALVE BOX DETAIL		M-6
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1



NOTES:

1) BOLLARDS TO BE 6" SCHEDULE 40 STEEL PIPE, 6'-0" LONG AND FILLED WITH CONCRETE.
2) BOLLARDS ON SIDE NOT ACCESSIBLE TO VEHICLES MAY BE OMITTED BY THE APPROVING AGENCY.
3) PLACE 6" WIDE YELLOW CLASS 4 REFLECTIVE TAPE 4" DOWN FROM TOP FOR FULL DIAMETER ON ALL BOLLARDS.
4) CONTRACTOR TO ASSURE THAT BOLLARDS ARE PLACED TO ALLOW FULL ACCESS TO THE PROTECTED FACILITY.

BOLLARD DETAIL		M-12
03-09 CONCRETE SLAB SLL JLC		WATER/WASTEWATER ENGINEERING
DRAWN BY: JLC	COMPUTER FILE #: MISC DETAILS 200602.DWG	FT. PIERCE UTILITIES AUTHORITY
APPROVED: JLC	DATE: 2015	SHEET 1 OF 1



NOTES:

1. STORM SEWER, GRAVITY WASTEWATER AND RECLAIMED WATER MAIN CROSSING UNDER POTABLE WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF TWELVE (12) INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE STORM/WASTEWATER/RECLAIMED WATER PIPE JOINTS AND POTABLE WATER MAIN JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN TEN (10) FEET BETWEEN ANY TWO JOINTS, BOTH PIPES SHALL BE D.I.P., AND THE MINIMUM VERTICAL SEPARATION SHALL BE 6 INCHES. WHERE THERE IS NO ALTERNATIVE TO STORM/WASTEWATER/RECLAIMED WATER PIPES CROSSING OVER A POTABLE WATER MAIN, THE CRITERIA FOR MINIMUM 12" VERTICAL SEPARATION BETWEEN LINES AND JOINT ARRANGEMENT, AS STATED ABOVE, SHALL BE REQUIRED,
2. WHENEVER POSSIBLE MAINTAIN 10' (MIN 6') HORIZONTAL DISTANCE (WALL TO WALL) BETWEEN POTABLE WATER MAIN AND STORM SEWER, WASTEWATER MAIN, OR FORCE MAIN MIN.
3. FORCE MAIN CROSSING POTABLE WATER MAIN OR RECLAIMED WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF TWELVE (12) INCHES BETWEEN THE OUTSIDE OF THE FORCE MAIN AND OUTSIDE OF THE POTABLE WATER MAIN OR RECLAIMED WATER MAIN WITH THE POTABLE WATER MAIN OR RECLAIMED WATER MAIN CROSSING OVER THE FORCE MAIN.
4. FITTINGS SHALL BE RESTRAINED.
5. THE DEFLECTION TYPE CROSSING IS PREFERRED.
6. DO NOT EXCEED 75% OF MANUFACTURERS RECOMMENDED MAXIMUM JOINT DEFLECTON FOR DUCTILE IRON PIPE.
7. ALL EXPOSED TIE STEEL SHALL BE COATED WITH COAL-TAR EPOXY
8. POTABLE WATER SERVICE LINES SHALL CROSS OVER WASTEWATER MAINS WITH MIN. 12" VERTICAL SEPARATION. WHERE THIS MIN. SEPARATION CAN NOT BE MAINTAINED, THE WATER SERVICE SHALL BE ENCASED IN A MIN. 10' LONG CASING CENTERED OVER THE CROSSING WITH MIN. 6" VERTICAL SEPARATION.

RECLAIMED WATER MAIN POTABLE WATER/FORCE MAIN PRESSURE PIPE CONFLICT DETAIL

REVISIONS

REV PER FPUA 11/01/21

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

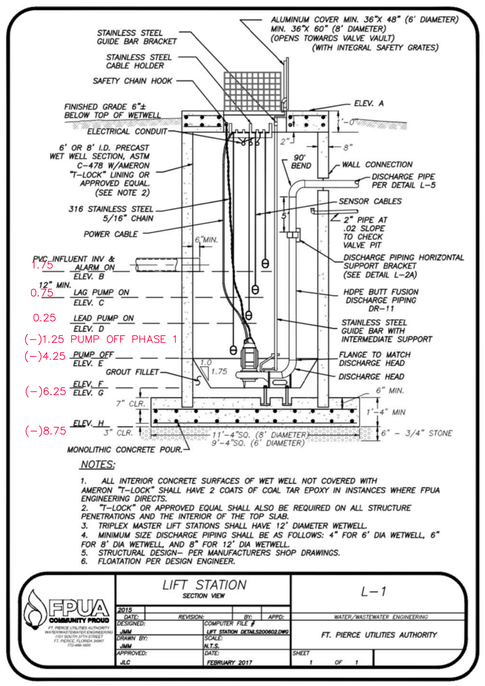
WASTEWATER DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

CDA # 6986

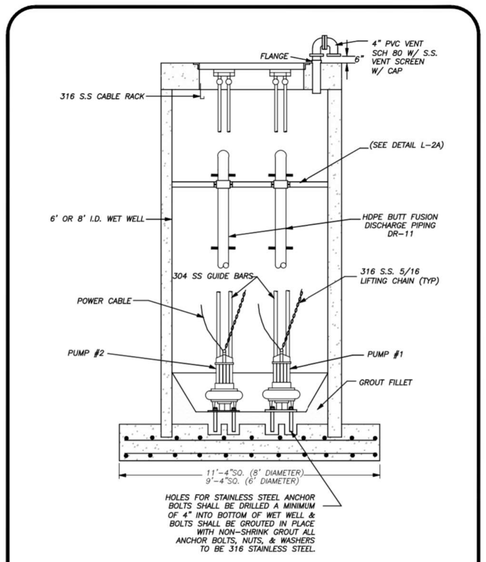
SHEET NO.
C-39



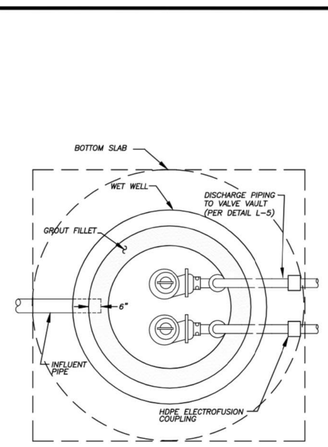
NOTES:

1. ALL INTERIOR CONCRETE SURFACES OF WET WELL NOT COVERED WITH AMERON "T-LOCK" SHALL HAVE 2 COATS OF COAL TAR EPOXY IN INSTANCES WHERE FPUA ENGINEERING DIRECTS.
2. "T-LOCK" OR APPROVED EQUAL SHALL ALSO BE REQUIRED ON ALL STRUCTURE PENETRATIONS AND THE INTERIOR OF THE TOP SLAB.
3. TRIPLEX MASTER LIFT STATIONS SHALL HAVE 12' DIAMETER WETWELL.
4. MINIMUM SIZE DISCHARGE PIPING SHALL BE AS FOLLOWS: 4" FOR 6' DIA WETWELL, 6" FOR 8' DIA WETWELL, AND 8" FOR 12' DIA WETWELL.
5. STRUCTURAL DESIGN- PER MANUFACTURERS SHOP DRAWINGS.
6. FLOATATION PER DESIGN ENGINEER.

FPUA COMMUNITY PROUD	LIFT STATION SECTION VIEW	L-1
	2015 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JJM — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: JJM — SCALE: N.T.S.	
	APPROVED: JLC — DATE: FEBRUARY 2017	SHEET 1 OF 1



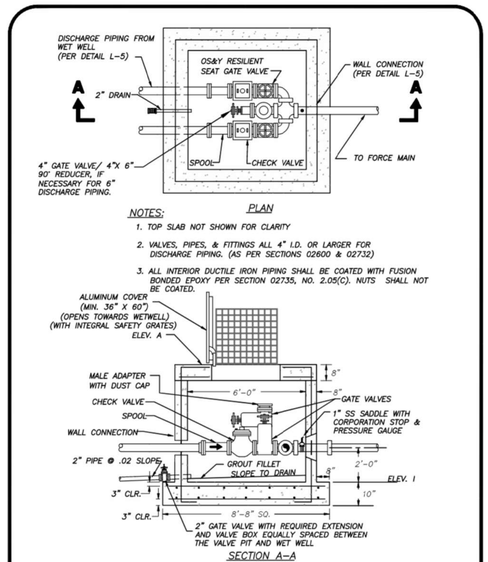
FPUA COMMUNITY PROUD	SECTION VIEW-DUPLEX PUMP INSTALLATION	L-2
	DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JMM — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: JMM — SCALE: N.T.S.	
	APPROVED: JLC — DATE: FEBRUARY 2017	SHEET 1 OF 1



NOTE:

TOP SLAB NOT SHOWN FOR CLARITY

FPUA COMMUNITY PROUD	LIFT STATION PLAN VIEW	L-3
	DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JJM — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: JJM — SCALE: N.T.S.	
	APPROVED: JLC — DATE: DECEMBER 2007	SHEET 1 OF 1



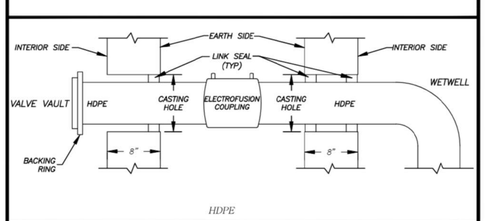
NOTES:

1. TOP SLAB NOT SHOWN FOR CLARITY
2. VALVES, PIPES, & FITTINGS ALL 4" I.D. OR LARGER FOR DISCHARGE PIPING. (AS PER SECTIONS 02600 & 02732)
3. ALL INTERIOR DUCTILE IRON PIPING SHALL BE COATED WITH FUSION BONDED EPOXY PER SECTION 02735, NO. 2.05(C). NUTS SHALL NOT BE COATED.

PLAN

SECTION A-A

FPUA COMMUNITY PROUD	LIFT STATION VALVE PIT	L-4
	2015 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JLC — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: SLL — SCALE: N.T.S.	
	APPROVED: JLC — DATE: DECEMBER 2007	SHEET 1 OF 1



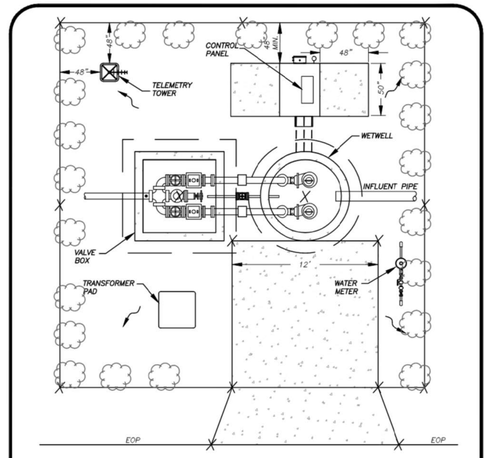
NOTE:

1) MODEL "OS-316" LINK-SEAL MODULAR SEALS WITH NITRILE ELEMENTS OR APPROVED EQUAL.

2) CASTING HOLE DIAMETER VARIES WITH THE SIZE OF WET-WELL DISCHARGE PIPE.

DISCHARGE PIPE	CASTING HOLE DIAMETER
4" HDPE DR-11	8 INCHES
6" HDPE DR-11	10 INCHES

FPUA COMMUNITY PROUD	LIFT STATION TO VALVE VAULT PIPING CONNECTION DETAIL	L-5
	DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JJM — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: JJM — SCALE: N.T.S.	
	APPROVED: JLC — DATE: DECEMBER 2007	SHEET 1 OF 1

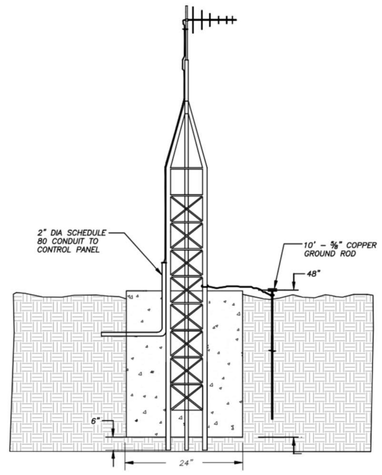


TYPICAL LIFT STATION EASEMENT LAYOUT
N.T.S

NOTES:

1) ONLY TO BE USED FOR GENERAL SITE LAYOUT. REFER TO FPUA'S LIFT STATIONS, PUMPS, AND CONTROL DESIGN AND CONSTRUCTION STANDARDS 02735 FOR SPECIFIC CONSTRUCTION REQUIREMENTS.
2) LANDSCAPE AROUND LIFT STATION PER LOCAL ORDINANCE. (COCO PLUM)
3) AREA TO BE LAID WITH SOD.
4) BOLD "X" REPRESENTS ELEVATIONS NECESSARY TO CONFIRM DRAINAGE AND INSTALLATION REQUIREMENTS.
5) LIFT STATION EASEMENT SHALL MEASURE 30' x 30' (MINIMUM)

FPUA COMMUNITY PROUD	LIFT STATION LAYOUT PLAN	L-6
	2015 DATE: CONCRETE PAD REVISION: SLL BY: JLC APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JLC — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: SLL — SCALE: N.T.S.	
	APPROVED: JLC — DATE: AUGUST 2014	SHEET 1 OF 1

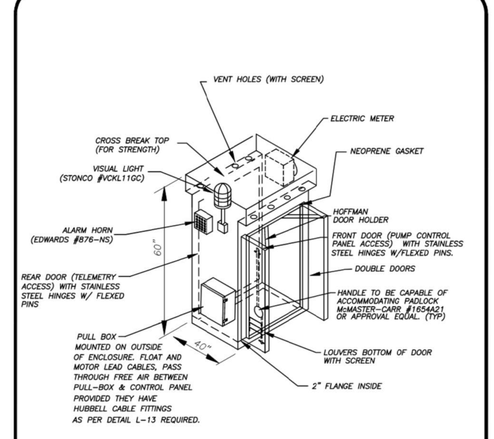


NOTE

1. CONSTRUCT TELEMETRY TOWER SUCH THAT THE ANTENNA IS AT LEAST 10 FEET AWAY FROM ELECTRIC DISTRIBUTION LINES.

150 MPH WND RATED

FPUA COMMUNITY PROUD	RADIO TOWER LAYOUT - REMOTE SITE	L-7
	2015 DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JJM — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: JJM — SCALE: N.T.S.	
	APPROVED: JLC — DATE: DECEMBER 2007	SHEET 1 OF 1



NOTES:

1. ATTACH ENCLOSURE TO EQUIPMENT PAD WITH A MINIMUM OF 12- 3/8" x 3 1/2" STAINLESS STEEL DRILLED ANCHORS.
2. ENCLOSURE SHALL BE OF 1/8" GAUGE 5052 ALUMINUM.

FPUA COMMUNITY PROUD	LIFT STATION OVER-HOUSE CONTROL PANEL	L-8
	DATE: REVISION: BY: APPD:	WATER/WASTEWATER ENGINEERING
	DESIGNED: JJM — COMPUTER FILE # LIFT STATION DETAILS2200602.DWG	FT. PIERCE UTILITIES AUTHORITY
	DRAWN BY: JJM — SCALE: N.T.S.	
	APPROVED: JLC — DATE: DECEMBER 2007	SHEET 1 OF 1

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

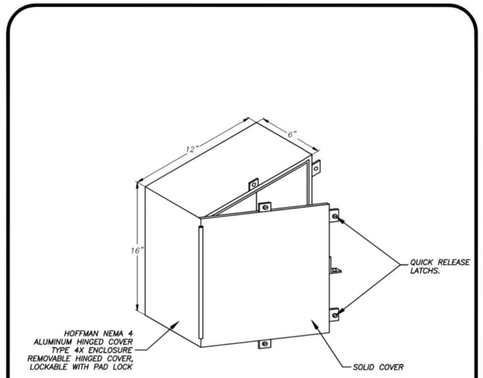
LIFT STATION DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

CDA # 6986

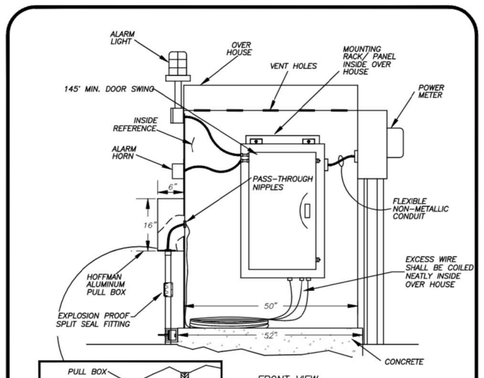
SHEET NO.
C-40



NOTES

1. MOTOR LEADS AND FLOAT LEADS SHALL BE CONTINUOUS THROUGH PULL BOX.
2. CABLES FROM PULL BOX TO CONTROL PANEL SHALL BE SEALED OFF WITH HUBBLE FITTINGS P-200KLBK (SEE DETAIL L-10.)
3. CAT NO. A-16P12AL (16" X 12" X 6"), LARGER ENCLOSER MAY BE REQUIRED.

FPUA COMMUNITY PROUD	LIFT STATION PULL BOX	L-9
2015 DATE: DESIGNED: JJM DRAWN BY: JJM APPROVED: JLC	REVISION: BY: APPD: COMPUTER FILE # LIFT STATION DETAILS2006D2.DWG SCALE: N.T.S. DATE: DECEMBER 2007	WATER/WASTEWATER ENGINEERING FT. PIERCE UTILITIES AUTHORITY SHEET 1 OF 1

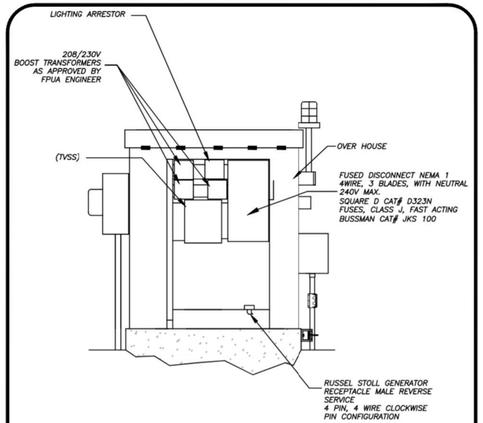


FRONT VIEW CONTROL BOX
N.T.S.

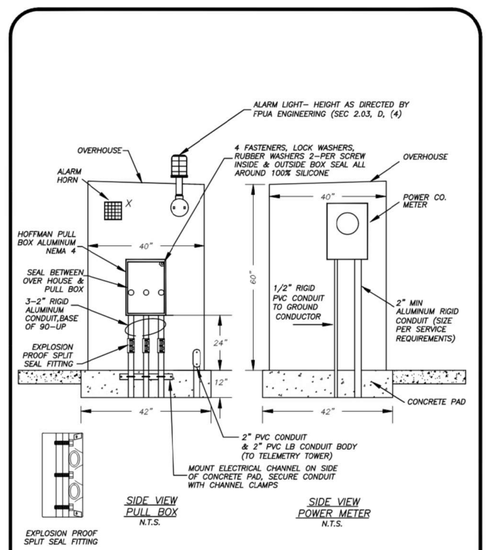
TYPICAL CONNECTIONS INSIDE DETAIL

PULL BOX MUST BE NEMA 4, CONDUIT WILL BE ALUMINUM, RIGID AND THREADED ENDS, CONNECTIONS FROM ELBOW TO BOTTOM OF PULL BOX, AS PER "NFPA 820 STANDARDS, CLASS1 DIVISION2, AND NEC, SECTION 501-4 UNDER EXCEPTION4.

FPUA COMMUNITY PROUD	CONTROL PANEL / OVERHOUSE FRONT VIEW	L-10
2014 DATE: DESIGNED: JLC DRAWN BY: JLC APPROVED: JLC	REVISION: BY: APPD: COMPUTER FILE # LIFT STATION DETAILS2006D2.DWG SCALE: N.T.S. DATE: DECEMBER 2007	WATER/WASTEWATER ENGINEERING FT. PIERCE UTILITIES AUTHORITY SHEET 1 OF 1



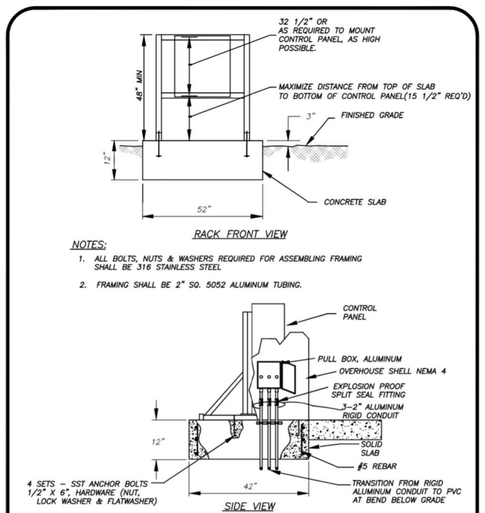
FPUA COMMUNITY PROUD	CONTROL PANEL / OVERHOUSE REAR VIEW	L-11
2014 DATE: DESIGNED: JLC DRAWN BY: JLC APPROVED: JLC	REVISION: BY: APPD: COMPUTER FILE # LIFT STATION DETAILS2006D2.DWG SCALE: N.T.S. DATE: DECEMBER 2007	WATER/WASTEWATER ENGINEERING FT. PIERCE UTILITIES AUTHORITY SHEET 1 OF 1



SIDE VIEW PULL BOX
N.T.S.

SIDE VIEW POWER METER
N.T.S.

FPUA COMMUNITY PROUD	LIFT STATION CONTROL PANEL OVERHOUSE SIDE VIEWS	L-12
2014 DATE: DESIGNED: JLC DRAWN BY: JLC APPROVED: JLC	REVISION: ABC BY: APPD: COMPUTER FILE # LIFT STATION DETAILS2006D2.DWG SCALE: N.T.S. DATE: DECEMBER 2007	WATER/WASTEWATER ENGINEERING FT. PIERCE UTILITIES AUTHORITY SHEET 1 OF 1



RACK FRONT VIEW

NOTES:

1. ALL BOLTS, NUTS & WASHERS REQUIRED FOR ASSEMBLING FRAMING SHALL BE 316 STAINLESS STEEL
2. FRAMING SHALL BE 2" SQ. 5052 ALUMINUM TUBING.

SIDE VIEW

FPUA COMMUNITY PROUD	LIFT STATION EQUIPMENT MOUNTING RACK	L-13
2014 DATE: DESIGNED: JLC DRAWN BY: SLL APPROVED: JLC	REVISION: BY: APPD: COMPUTER FILE # LIFT STATION DETAILS2006D2.DWG SCALE: N.T.S. DATE: DECEMBER 2007	WATER/WASTEWATER ENGINEERING FT. PIERCE UTILITIES AUTHORITY SHEET 1 OF 1

PUMP DATA: MANUFACTURER, Barnes with 235mm Impeller
MOD. No. XESHMD IMP. No. 50N2 MOTOR, _____ HP, ____
RPM, _____ VOLTS, 230 PHASE, 60 HERTZ

OPERATING CONDITIONS: 208 GPM AT 75.2 TDH. 32.7 % EFFICIENCY

AS-BUILT: PUMP NO. 1: _____ GPM AT _____ TDH.
PUMP NO. 2: _____ GPM AT _____ TDH.

WET WELL: SIZED FOR MINIMUM PUMP CYCLE TIME OF 5 MINUTES AND A MAXIMUM OF 12 PUMP STARTS PER HOUR. WORKING DEPTH 3 FT. WORKING VOLUME 951 GALS.

ELECTRICAL: FEEDERS AND CONDUIT _____ MAIN SWITCH _____ POLES _____ AMPS

REVISIONS

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WEBSITE: www.JHIinc.com

Kings Highway Commerce Park
Fort Pierce, Florida

LIFT STATION DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/22/2021	NA	JHI	CLJ	2101-1355

SEAL

CDA # 6986

SHEET NO.
C-41

EW Consultants, Inc.
Natural Resource Management, Wetland, and Environmental Permitting Services

KINGS HIGHWAY PARCEL
ENVIRONMENTAL IMPACT REPORT

Prepared by:

EW CONSULTANTS, INC.

March 2021

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INTRODUCTION

The 109± acre-property covered by this Environmental Impact Report is located in Section 24, Township 35 South, Range 39 East, City of Ft. Pierce, Florida (Figures 1&2). The property is bordered to the north by White Road and agricultural lands, to the east by Peters Road and undeveloped land, to the south by undeveloped land and an RV vacation resort, and to the west by Kings Highway and agricultural lands.

This report has been prepared to document existing conditions, natural resources and potential environmental impacts on a 109 ± acre property referred to as the Kings Highway Parcel. The subject property is mostly undeveloped and currently utilized as unimproved pasture. This report has been prepared in accordance with City of Ft. Pierce, Land Development Ordinances and St. Lucie County, Land Development Code.

PROPERTY DESCRIPTION

The subject property is currently undeveloped except for a few residential structures along Peters Road on the eastern portion of the property, and a road construction staging area on the western portion of the property. The remainder of the land is utilized as unimproved pasture. Management practices and the presence of livestock were observed during the site assessment. Historical aerial imagery from c.1985 indicates that the majority of the property was previously planted with row crops which was likely citrus up to the mid-2000's. The unimproved pastures are now vegetated with typical pasture grasses, ruderal weeds and scattered clumps of trees and shrubs. A system of man-made ditches is present on the property, likely associated with prior agricultural uses for draining and irrigating the land.

SOILS

A soils map obtained from the USDA Web Soil Survey and with the property boundary is attached in the Appendix. According to the soil map, five soil types are found on the subject property. The description of these soils, in their natural state, according to the St. Lucie County Soil Survey is provided below:

Chobee loamy sands – Soils of the Chobee series are fine-loamy, siliceous, nearly level, very poorly drained, very slowly permeable soils that formed in unconsolidated, moderately fine marine sedi-ment. The water table is above the surface for 6 to 9 months in most years and is within 10 inches of the surface for most of the rest of the year except in very dry periods. Slope ranges from O to 2 percent. Under natural conditions, vegetation may consist of arrowhead, cabbage palm, Carolina willow, cypress, maidencane, pickerelweed, lilies, sawgrass, smartweed, wax myrtle, slash pine, water oak, understory of ferns and water tolerant grasses, and scattered swamp maples in treeless areas.

Pineda sand – Soils of the Pineda series are loamy, siliceous, poorly drained, slowly to very slowly permeable soils that formed in unconsolidated marine sandy and loamy materials. The water table is within a depth of 10 inches for 1 to 6 months and between depths of 10 to 40 inches for most of the rest of the year. Slope ranges from 0 to 2 inches. Under natural

conditions, vegetation consists of south Florida slash pine, cypress, myrtle, cabbage palm, blue maidencane, chalky bluestem, saw palmetto sedges, pineland threeawn, and sand cordgrass.

Riviera fine sand, 0 to 2 percent slopes – Soils of the Riviera series are loamy, siliceous, nearly level, poorly drained, slowly to very slowly permeable soils that formed in unconsolidated, marine sandy and loamy materials. The water table is within a depth of 10 inches for 2 to 4 months and between depths of 10 to 30 inches for most of the rest of the year. Depressional areas are ponded for 6 to 9 months or more annually. Nearly all of the acreage has been cleared and is planted to row crops/citrus or managed as pasture. Typical natural vegetation is cabbage palms and scattered longleaf pine and slash pine and an understory of wax myrtle and saw palmetto.

Wabasso sand – Soils of the Wabasso series are sandy, siliceous, nearly level, poorly drained, slowly and very slowly permeable soils that formed in beds of marine sandy and loamy materials. These soils are on broad flatwoods. In most years, the water table is within a depth of 10 inches for 1 to 4 months and between depths of 10 to 40 inches for 6 to 9 months. Slope ranges from 0 to 2 percent. The typical natural vegetation consists of longleaf pine, slash pine, cabbage palm, live oak, with an understory of saw palmetto, laurel oak, wax myrtle, chalky bluestem, creeping bluestem, indiangrass, little bluestem, Florida paspalum, running oak, south Florida slash pine and pineland threeawn.

Winder loamy sand – Soils of the Winder series are fine-loamy, siliceous, nearly level, poorly drained, slowly to very slowly permeable soils that formed in unconsolidated marine sand, and loamy mate-rials These soils are in hammocks, along poorly defined drainageways, and in depressional areas. A water table is within a depth of 10 inches for 2 to 4 months and between depths of 10 to 40 inches for most of the rest of the year. Depressional areas are ponded for 6 to 9 months in most years. Slope ranges from 0 to 2 percent. Typical natural vegetation consists of cordgrass, maidencane, cabbage palmetto, saw palmetto, and pineland threeawn.

NATURAL COMMUNITIES AND LAND COVER

The following is a summary of the land cover and vegetation communities found on the subject site. Land cover and vegetative community classifications were mapped based on the Florida Land Use, Cover and Forms Classification System (FLUCFCS) developed by the Florida Department of Transportation. Field reconnaissance and aerial photograph interpretation were employed in the mapping effort of the vegetative communities on the subject property. Observed and potential listed wildlife species presence and usage of the habitat is further discussed in the subsequent section of this report.

There are four different FLUCFCS classifications currently present on the site including (111) single family units, (140) commercial and services, (212) unimproved pasture, the ditches that network throughout the site are classified as streams and waterways (510).

A land cover map of the observed community types is included as Figure in the Appendix of this report. The land cover types observed on the property are described as follows:

111 Fixed Single Family Units – 9.3 ± acres

There are several single family and associated structures along the eastern portion of the property. Some appear dilapidated and uninhabited, and some appear maintained and inhabited. The property immediately surrounding these structures appears maintained and contains a variety of grasses, shrubs and trees, some landscaping and some natural.

140 Commercial Services – 7.4 ± acres
This area is located along the western portion of the property and appears to be utilized for road construction staging and storage. The area has been cleared of vegetation and the surface leveled and partially graveled.

212 Unimproved Pasture – 91.4 ± acres
This land cover accounts for the majority of the property where citrus and crops once existed. There is still evidence of rows and swales associated with prior uses, however the groundcover has been allowed to fill in and has possibly been supplemented with pasture grasses. Vegetation assemblages within this land cover type is predominantly short, herbaceous grass and ruderal weeds with dominant species including bahia grass, dropseed grass, guinea grass, dog fennel, ragweed, shrubby false buttonweed, pepperweed, Caesarweed and sandspur grass. Taller vegetation and trees consist mainly of Brazilian pepper, live oak, Australian pine, earleaf acacia and sabal palms. The remnant swales contain some wetland vegetation such as primrose willow, marsh purslane, spikerush and dollarweed.

510 Ditches – 0.9 ± acres
A system of drainage ditches extends throughout the property. The ditches are approximately 6-10 feet wide and are typically open water with scattered vegetation such as Carolina willow, primrose willow, cattail, and swamp fern.

WILDLIFE AND LISTED SPECIES

The pasture and ditch areas provide habitat for numerous wildlife species. Observations from the site visit conducted in March, 2021 included sightings or signs of great egret, white Ibis, glossy ibis, northern mocking bird, tri-colored heron, cattle egret, and raccoon.

Of these species observed, only the tri-colored heron is protected and listed by the State as a threatened species. The tri-colored heron was observed foraging in a ditch area and no nests were observed on the site. Although not observed, the site also provides suitable habitat for three Federally listed species, Audubon's crested caracara, wood stork, and eastern indigo snake. During the site plan approval process, the U.S Fish and Wildlife Service should be consulted for guidance and protection measures for these species.

The absence of natural habitat combined with active agricultural and land management practices has left the property unsuitable for most other listed species found in the region.

PROPOSED IMPACTS FROM DEVELOPMENT

Under the development proposal, the majority of the 109-acre site will be occupied with warehouse and office space with associated infrastructure such as parking and surface water

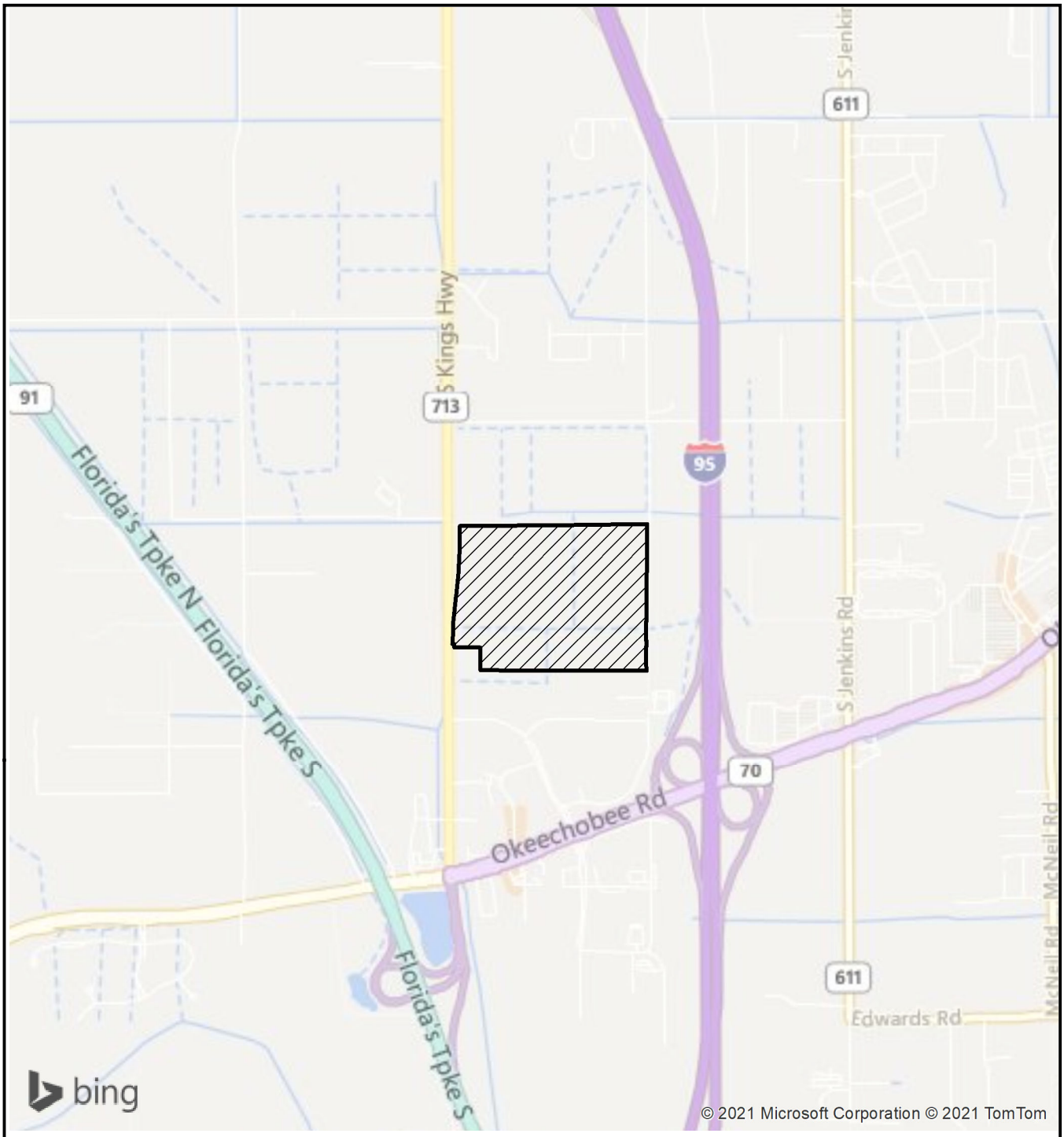
management systems. Because there is no significant native upland or native wetland habitat present on the site, the environmental impacts are minimal.

There are surface waters in the form of drainage ditches. Permits will be obtained from South Florida Water Management District (SFWMD) that will address impacts to surface waters. The proposed surface water management lakes will provide surface water area to offset the ditch impacts. Although federally listed species were not observed during the site assessment, U.S Fish and Wildlife Service will be consulted for guidance and protection measures for listed species habitat that occurs on the property.

APPENDIX

FIGURE 1. LOCATION MAP
FIGURE 2. QUAD MAP
FIGURE 3. AERIAL MAP
FIGURE 4. FLUCFCS MAP

ATTACHMENT
SOILS REPORT



LEGEND

- SITE (109+/- AC)

0 2,000 Feet

N

KINGS HIGHWAY PARCEL LOCATION

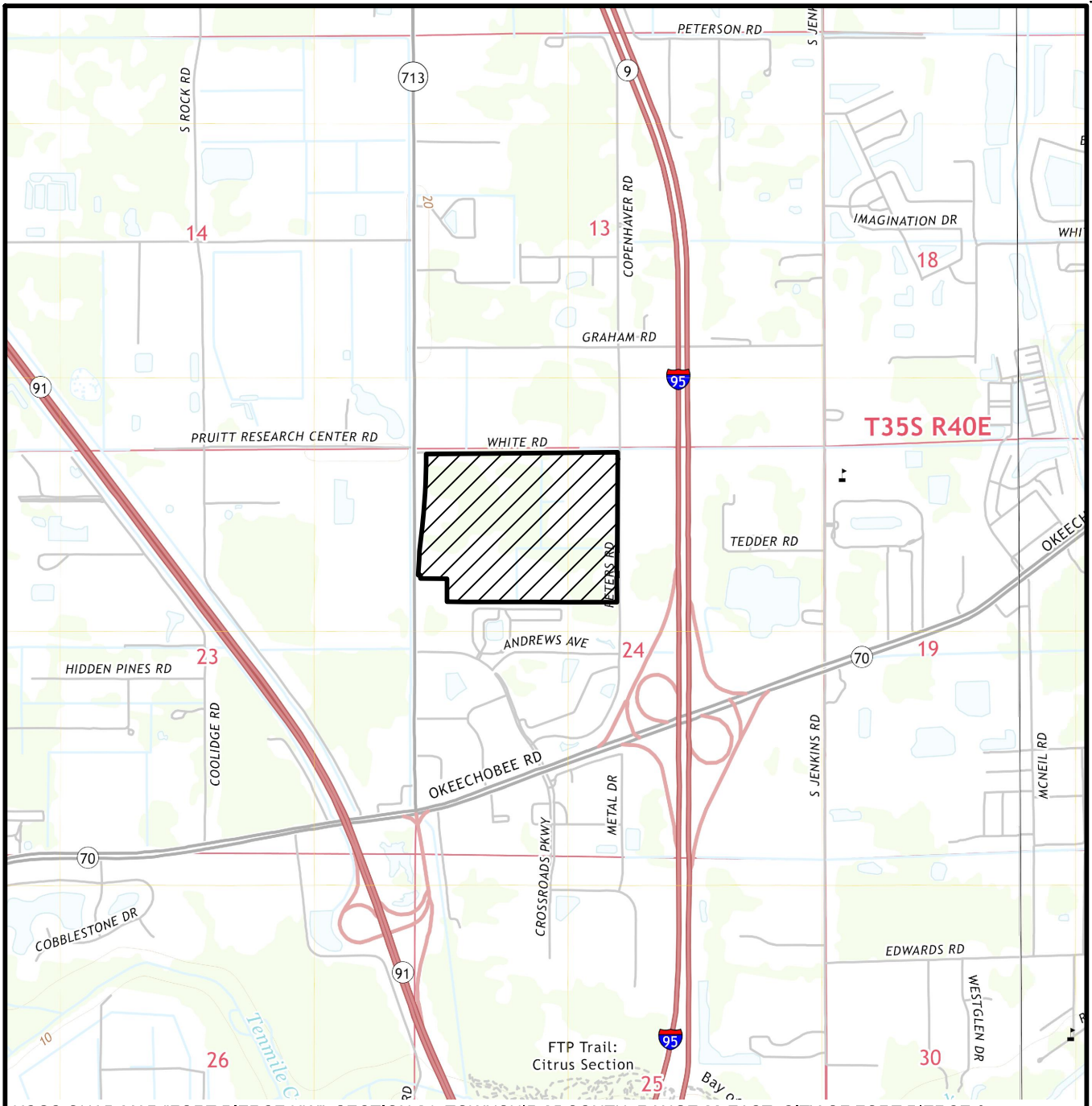
EW CONSULTANTS, INC.

2581 METROCENTRE BLVD., SUITE 1
WEST PALM BEACH, FL 33407
561-291-7950 PHONE 561-530-4908 FAX
WWW.EWCONSULTANTS.COM

MAR 2021

FIGURE

1



USGS QUAD MAP "FORT PIERCE NW", SECTION 24, TOWNSHIP 35 SOUTH, RANGE 39 EAST, CITY OF FORT PIERCE & UNINCORPORATED ST LUCIE COUNTY, FORT PIERCE, ST LUCIE COUNTY, FLORIDA, LATITUDE 27°25'26" LONGITUDE -80°23'42"

LEGEND

▨ - SITE (109± AC)

0 2000

SCALE IN FEET

KINGS HIGHWAY PARCEL

QUAD

EW CONSULTANTS, INC.

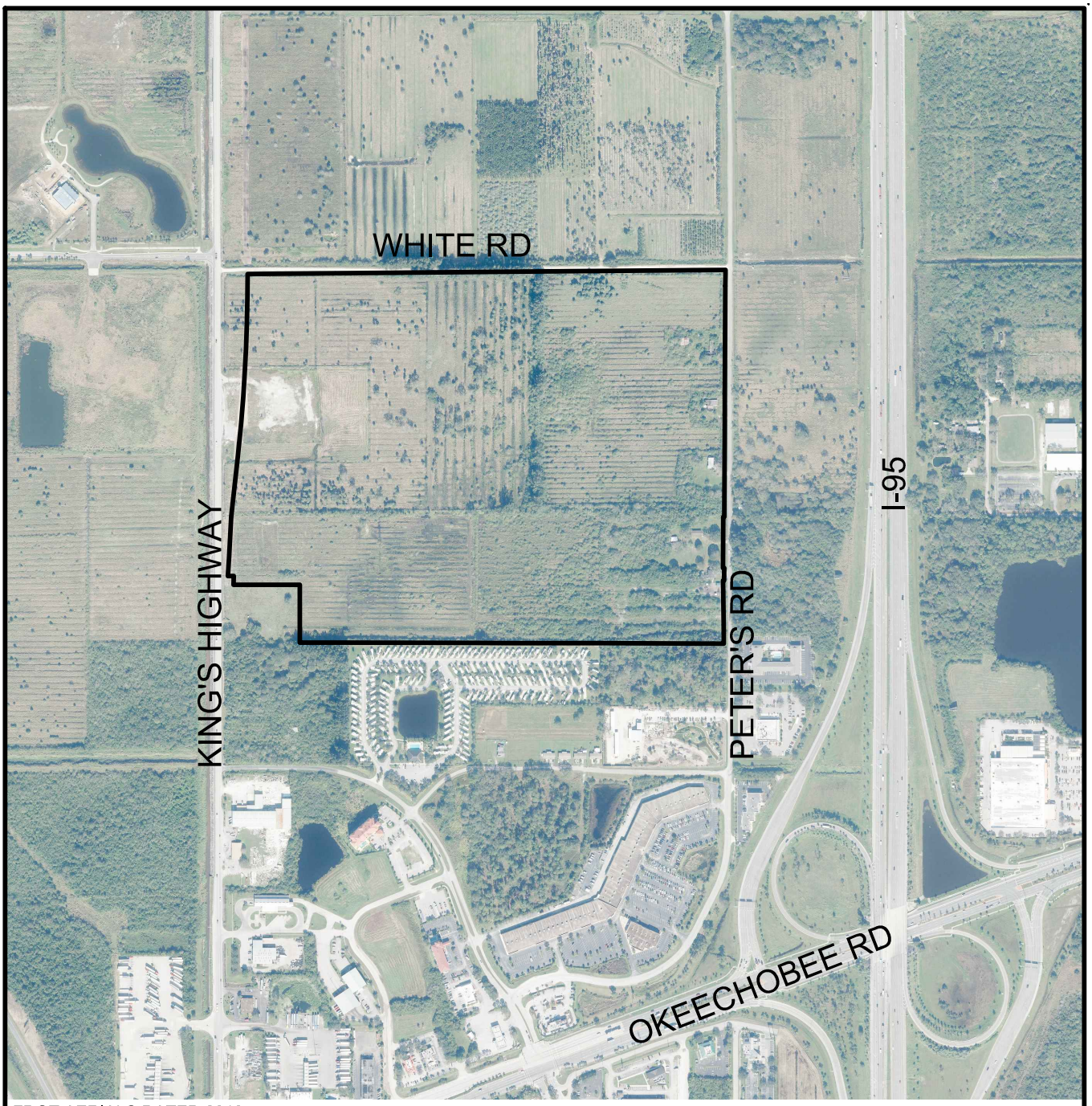
2581 METROCENTRE BLVD., SUITE 1
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MAR 2021

FIGURE

2

Kings Highway Parcel.dwg QUAD



FDOT AERIALS DATED 2018

0 800
SCALE IN FEET

KINGS HIGHWAY PARCEL

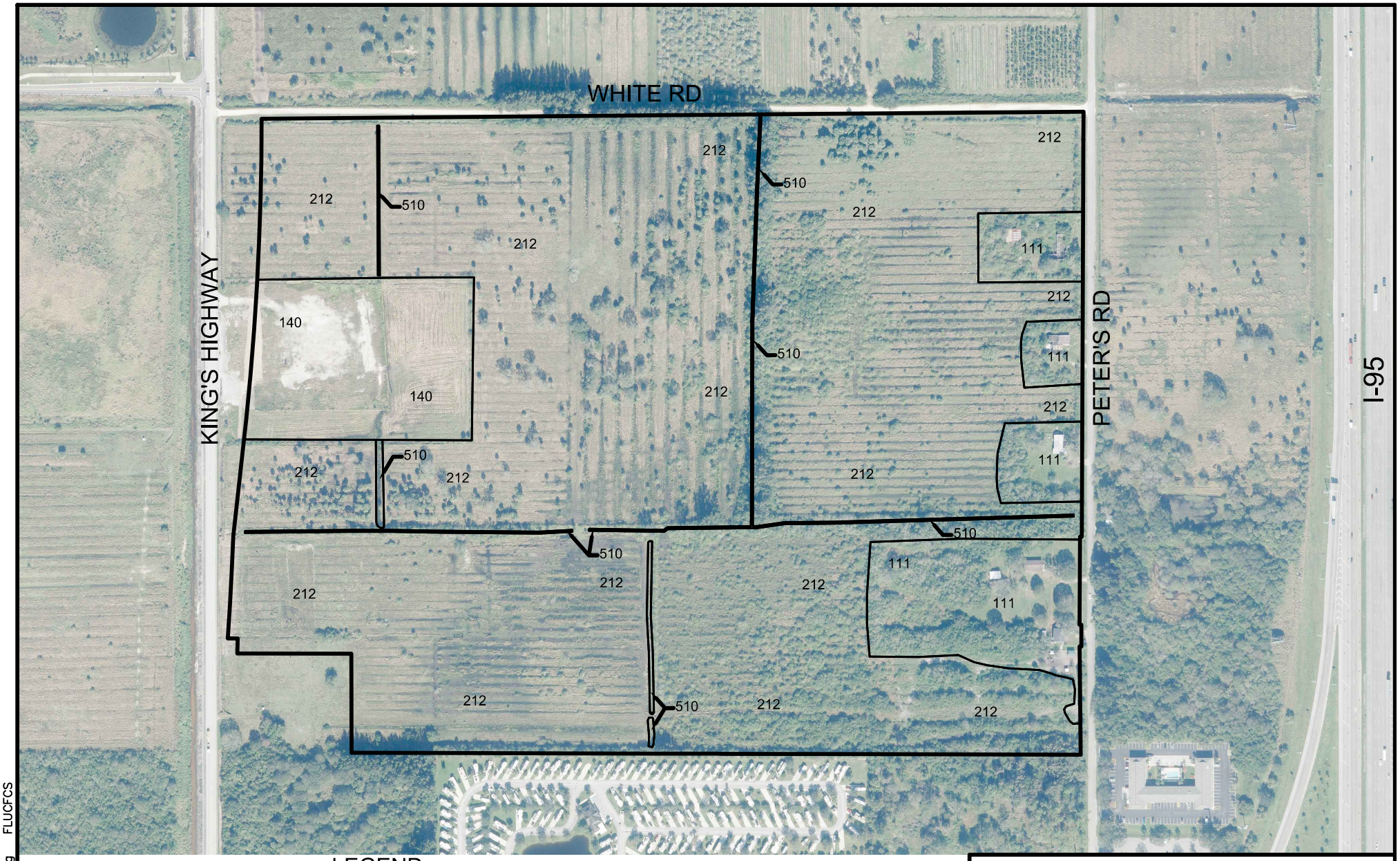
AERIAL

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FIGURE
3

Kings Highway Parcel.dwg AERIAL



FDOT AERIALS DATED 2018

LEGEND

111 - FIXED SINGLE FAMILY UNITS (9.3± AC)
140 - COMMERCIAL & SERVICES (7.4± AC)
212 - UNIMPROVED PASTURE (91.4± AC)
510 - DITCHES (0.9± AC)
TOTAL SITE (109± AC)

0 400
SCALE IN FEET

KINGS HIGHWAY PARCEL FLUCFCS MAP

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MAR 2021

FIGURE 4

Kings Highway Parcel.dwg FLUCFCS

Soil Map—St. Lucie County, Florida
(KINGS HIGHWAY PARCEL)



Map Scale: 1:5,010 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 50 100 200 300

Feet
0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

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 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

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

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

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

Soil Survey Area: St. Lucie County, Florida
Survey Area Data: Version 14, Jun 9, 2020

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

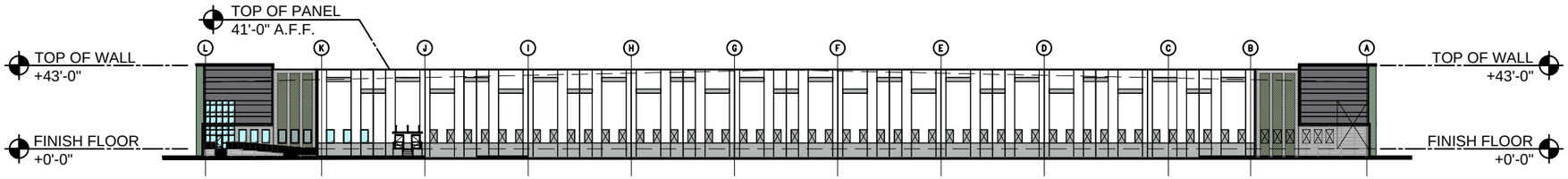
Date(s) aerial images were photographed: Mar 6, 2019—Mar 23, 2019

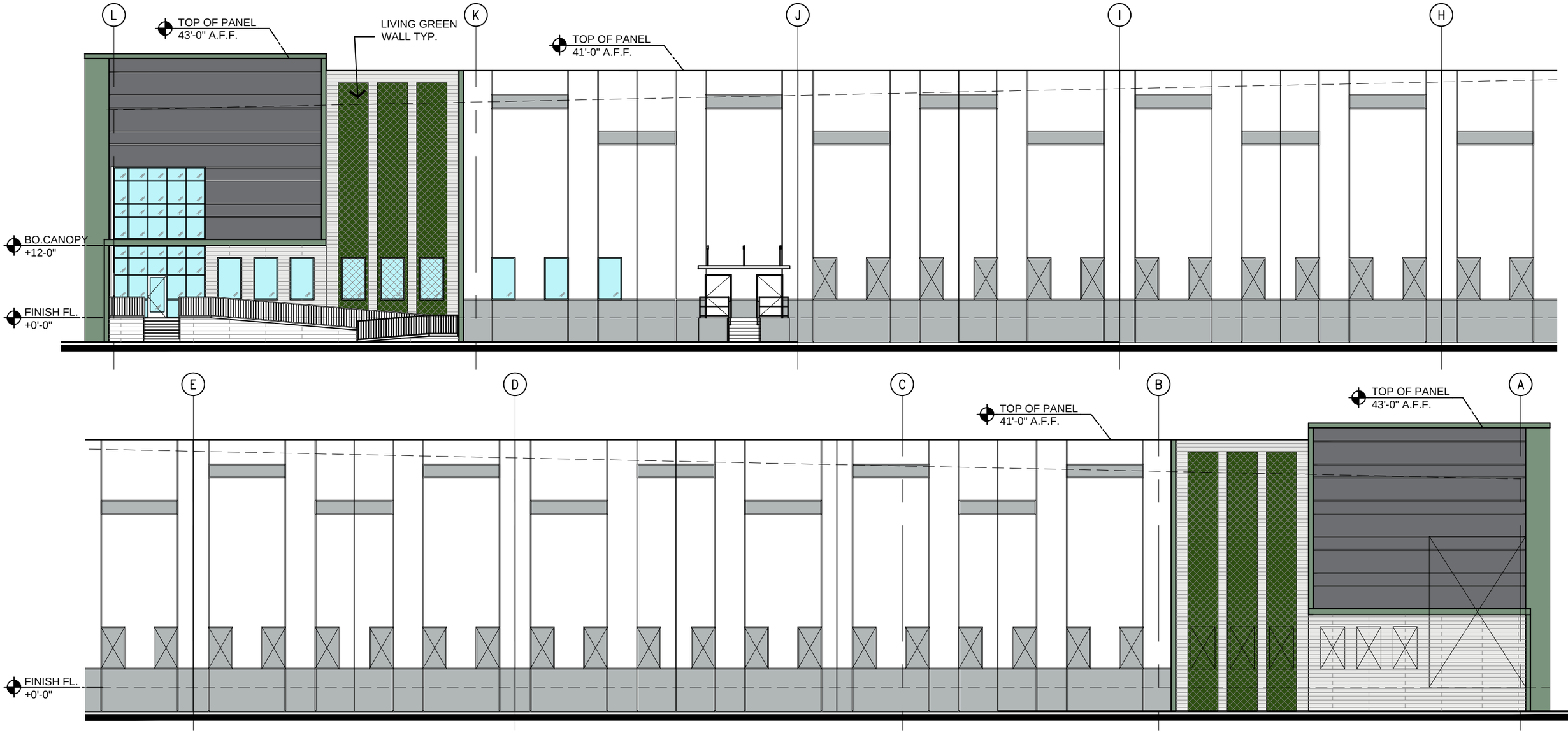
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
11	Chobee loamy sand, frequently ponded, 0 to 1 percent slopes	0.7	0.6%
32	Pineda sand, 0 to 2 percent slopes	4.6	4.3%
38	Riviera fine sand, 0 to 2 percent slopes	4.2	3.8%
48	Wabasso sand, 0 to 2 percent slopes	8.1	7.4%
55	Winder loamy sand	91.5	83.9%
Totals for Area of Interest		**109.0**	**100.0%**


STOP





0' 8' 16'

SCALE: 1/16" = 1'-0"

KINGS HIGHWAY COMMERCE PARK

BUILDING C - WEST ELEVATIONS

FEBRUARY 22, 2022

FT. PIERCE, FLORIDA

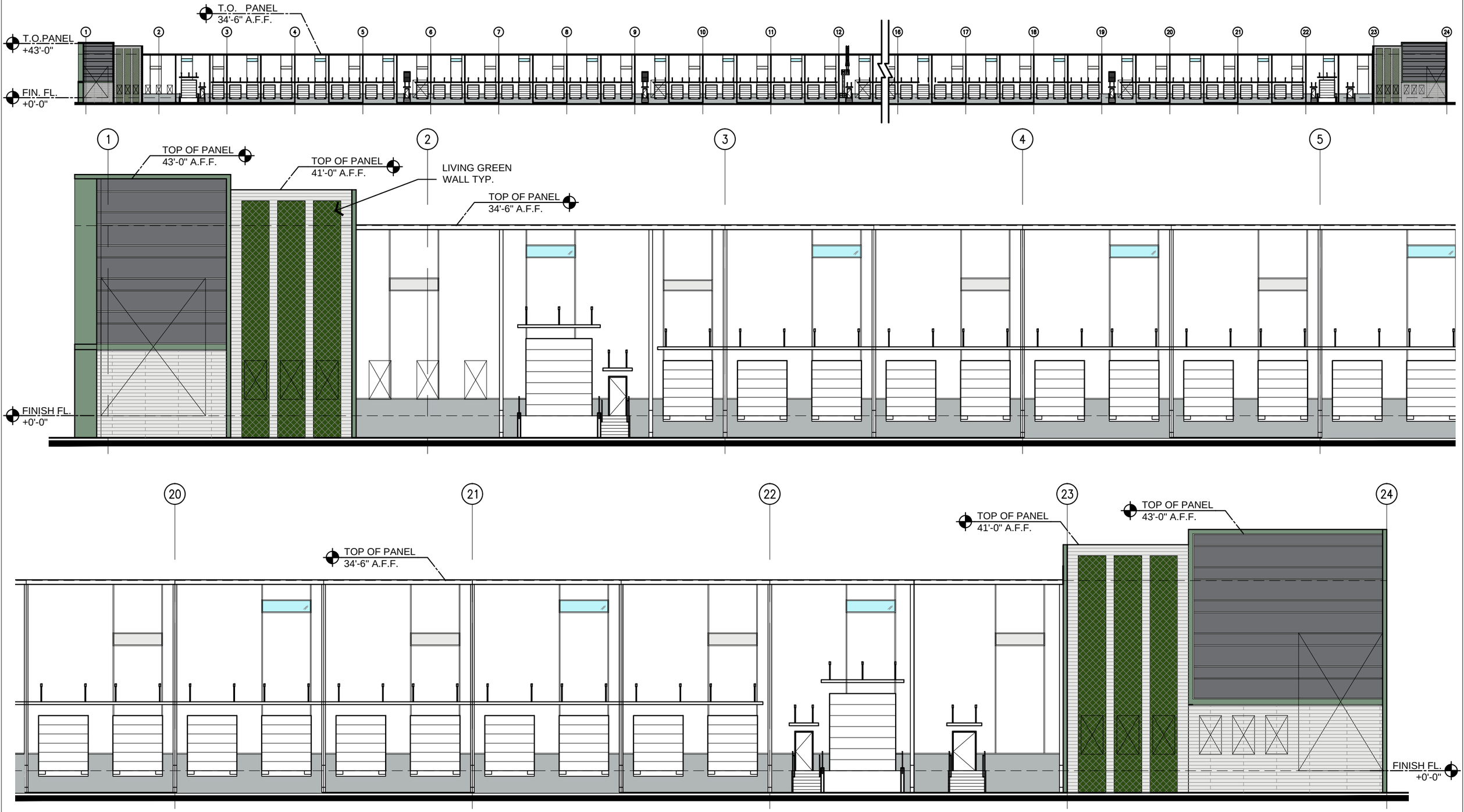
21384

JOINT VENTURE OF:

SCANNELL PROPERTIES

LEGACY DEVELOPMENT PARTNERS

C4 ARCHITECTURE



0' 8' 16'

SCALE: 1/16" = 1'-0"

KINGS HIGHWAY COMMERCE PARK

BUILDING C - SOUTH ELEVATIONS

FEBRUARY 22, 2022

FT. PIERCE, FLORIDA

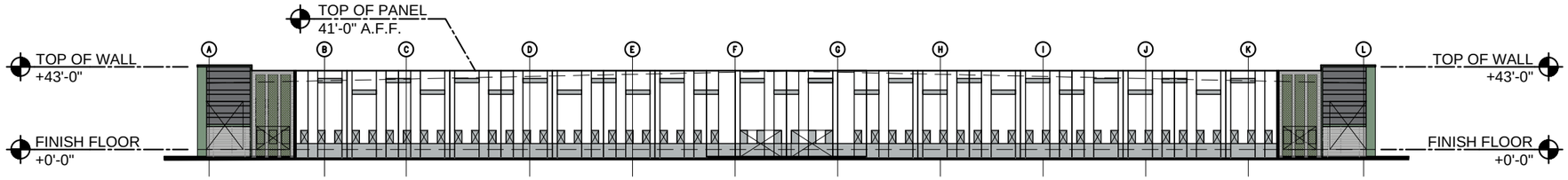
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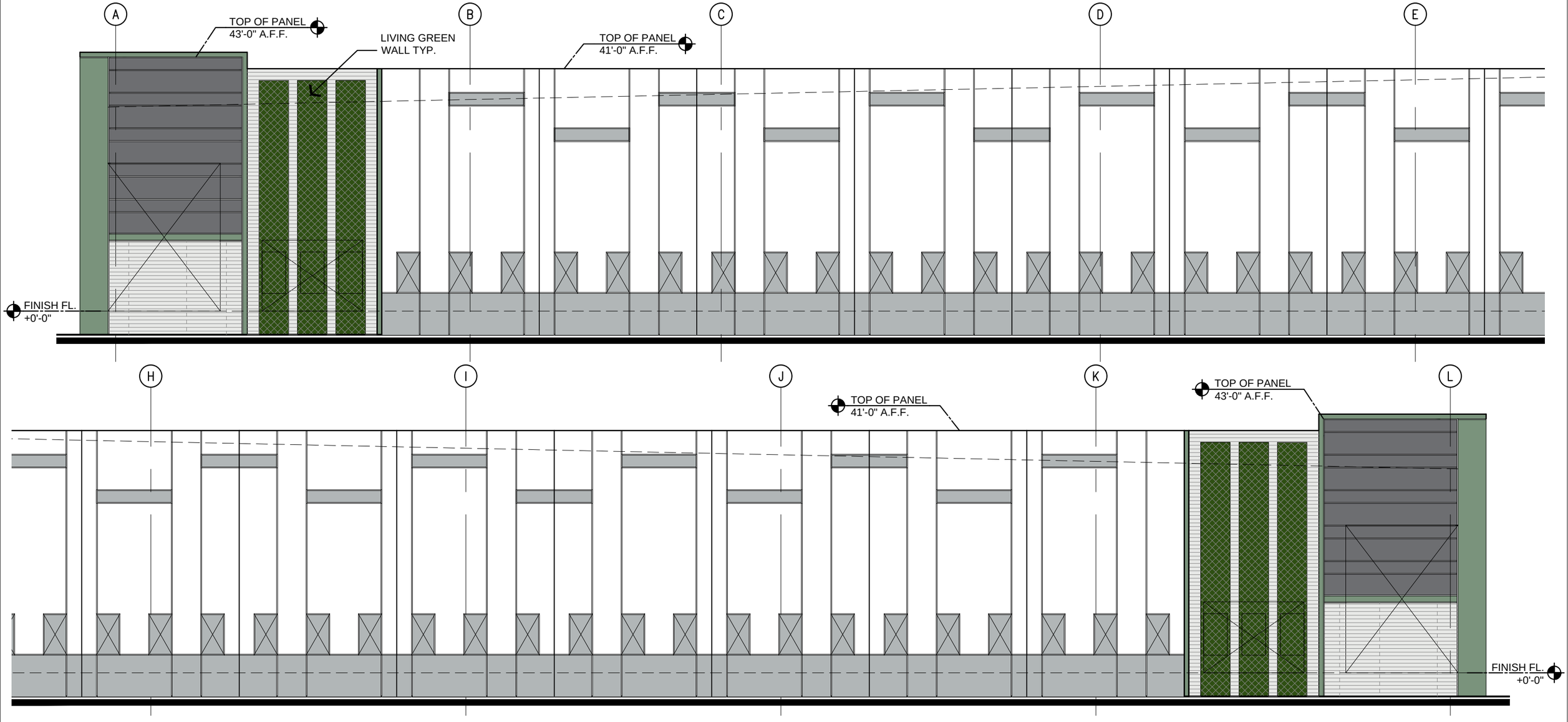
JOINT VENTURE OF:

SCANNELL PROPERTIES

LEGACY DEVELOPMENT PARTNERS

C4 ARCHITECTURE





0' 8' 16'

SCALE: 1/16" = 1'-0"

KINGS HIGHWAY COMMERCE PARK

BUILDING C - EAST ELEVATIONS

FEBRUARY 22, 2022

FT. PIERCE, FLORIDA

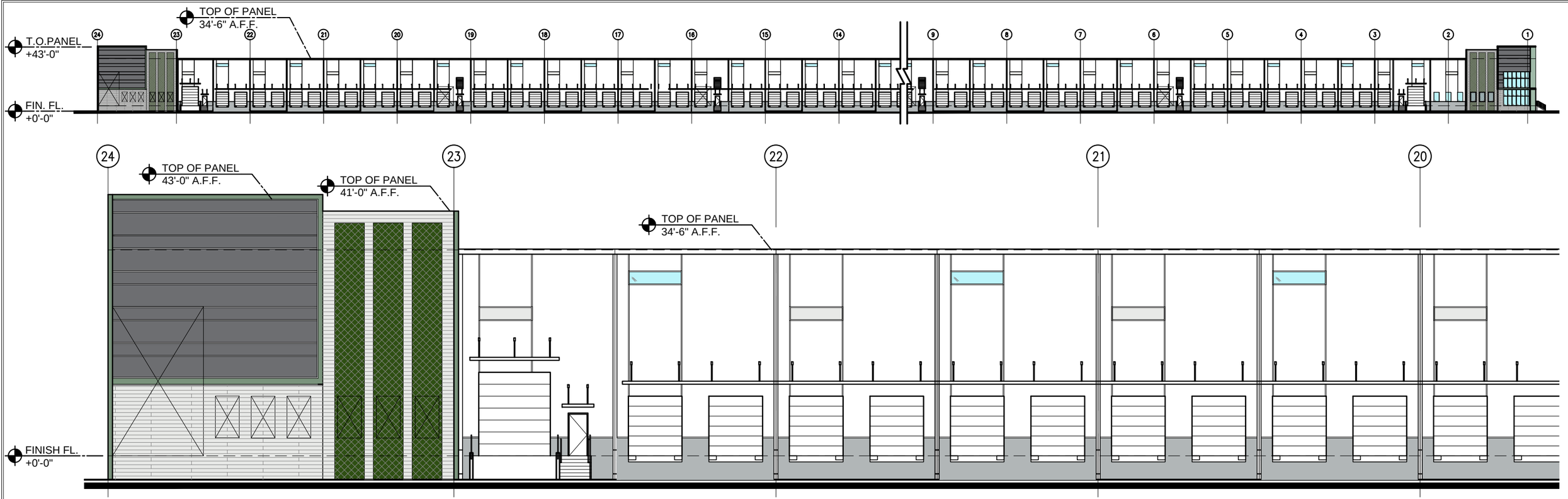
21384

JOINT VENTURE OF:

SCANNELL PROPERTIES

LEGACY DEVELOPMENT PARTNERS

C4 ARCHITECTURE



0' 8' 16'

SCALE: 1/16" = 1'-0"

K·I·N·G·S H·I·G·H·W·A·Y C·O·M·M·E·R·C·E P·A·R·K

BUILDING C - NORTH ELEVATIONS

FEBRUARY 22, 2022

FT. PIERCE, FLORIDA

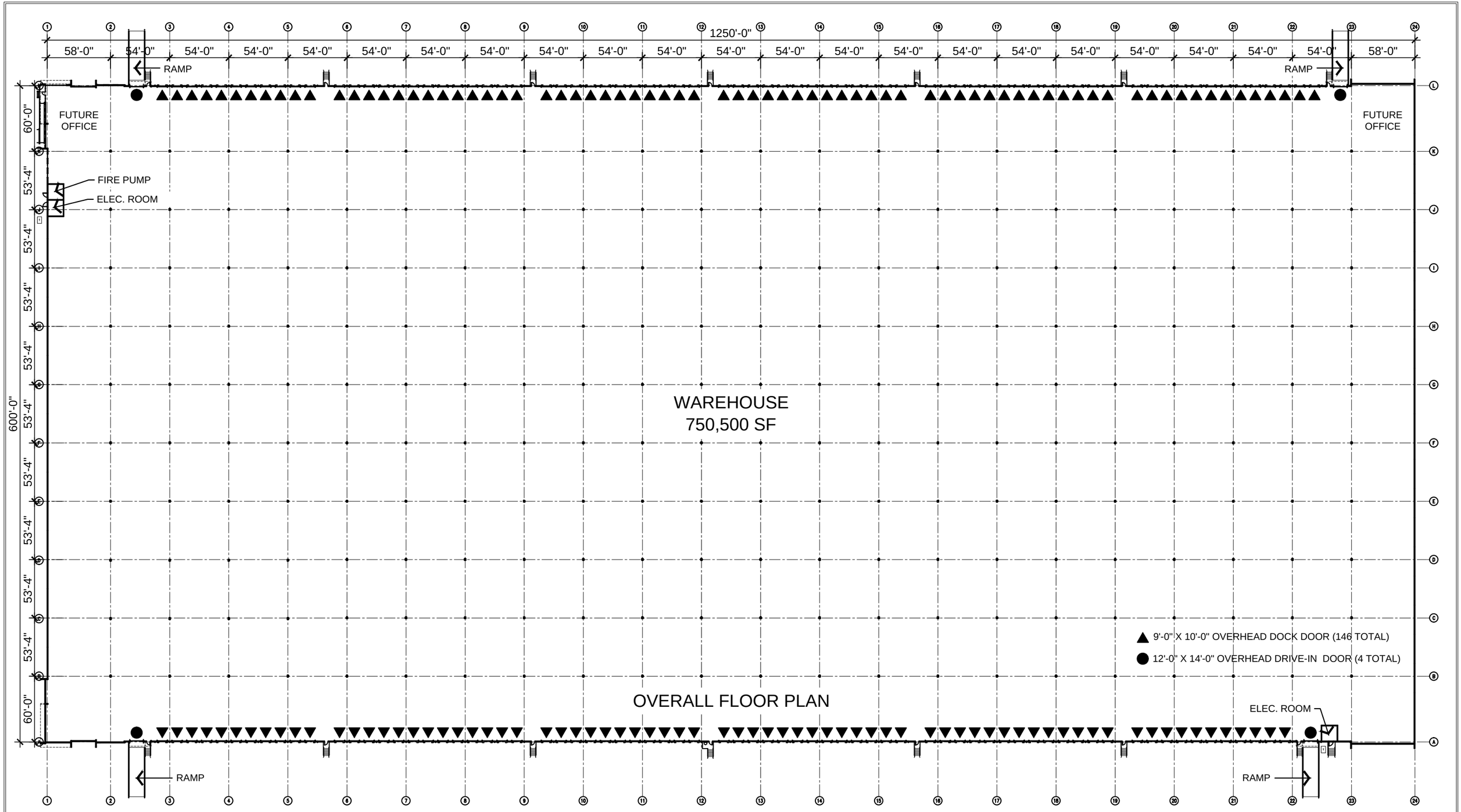
21384

JOINT
VENTURE OF:

SCANNELL PROPERTIES

LEGACY DEVELOPMENT PARTNERS

C4 ARCHITECTURE



OVERALL FLOOR PLAN

North

0' 40' 80'

SCALE:1"=80'-0"

FEBRUARY 23, 2022

K·I·N·G S H·I·G·H·W·A·Y

SPECULATIVE WAREHOUSE

FT. PIERCE, FLORIDA

21384

JOINT VENTURE OF:

SCANNELL PROPERTIES

LEGACY DEVELOPMENT PARTNERS

C4 ARCHITECTURE

MATCHLINE SEE SHEET 8

KINGS HWY.

℄ CONST. KINGS HWY

713-2.)

LAKE
1.97 AC.

FOUNTAIN

LITTORAL PLANTING (5,394 sf)
(299) GREAT SPIKE RUSH
(212) PICKEREL WEED
(208) FIRE FLAG

LITTORAL ZONE

FIRE HYDRANT
STOP SIGN AND BAR
WATER MAIN
BACKFLOW

TYPE F CURB
CATCH BASIN

20' LME

SOD

BLDG-A
PH-1
265 KSF
17 KSF OFFICE
248 KSF WAREHOUSE

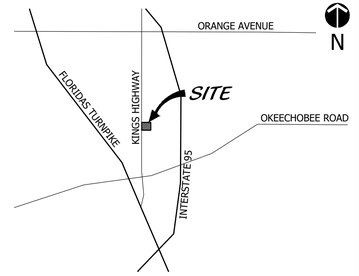
TYPE D CURB TYP
LIGHTING
STOP SIGN AND BAR

RAMP

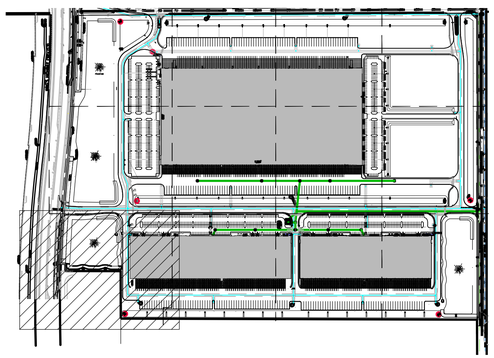
TYPE F CURB
LIGHTING
FIRE HYDRANT TYP

MATCHLINE SEE SHEET 2

LOCATION MAP



SHEET LAYOUT MAP



48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Landscape Plan

0' 15' 30' 60' 90' 120'

Scale: 1" = 30'-0"

North

Cotleur & Hearing
Landscape Architects
Land Planners
Environmental Consultants
1934 Commerce Lane
Suite 1
Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
CAMERON E. HEARING
LA 0000943
STATE OF FLORIDA

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 1 OF 13

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MATCHLINE SEE SHEET 7

MATCHLINE SEE SHEET 7

MATCHLINE SEE SHEET 1

MATCHLINE SEE SHEET 3

SOD

STORM SEWER

LIGHTING

CATCH BASIN

CATCH BASIN (TYP)

TYPE 'D' CURB TYP

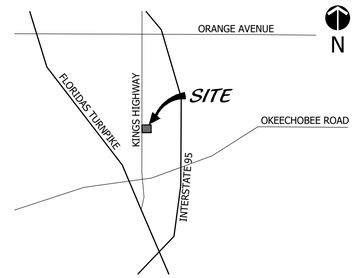
CATCH BASIN TYP

CATCH BASIN TYPE D CURB TYP

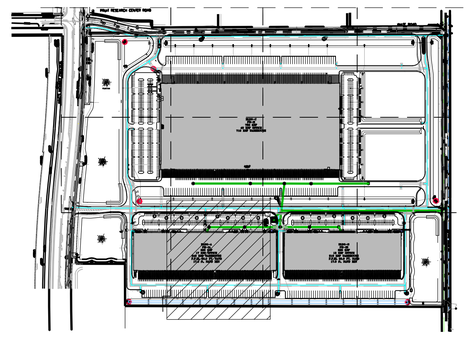
BLDG-A
PH-1
265 KSF
17 KSF OFFICE
248 KSF WAREHOUSE

FIRE HYDRANT TYP

LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

48 HOURS BEFORE DIGGING
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Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
CONSTANCE E. HEARN
LA 0009943
STATE OF FLORIDA

0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 2 OF 13

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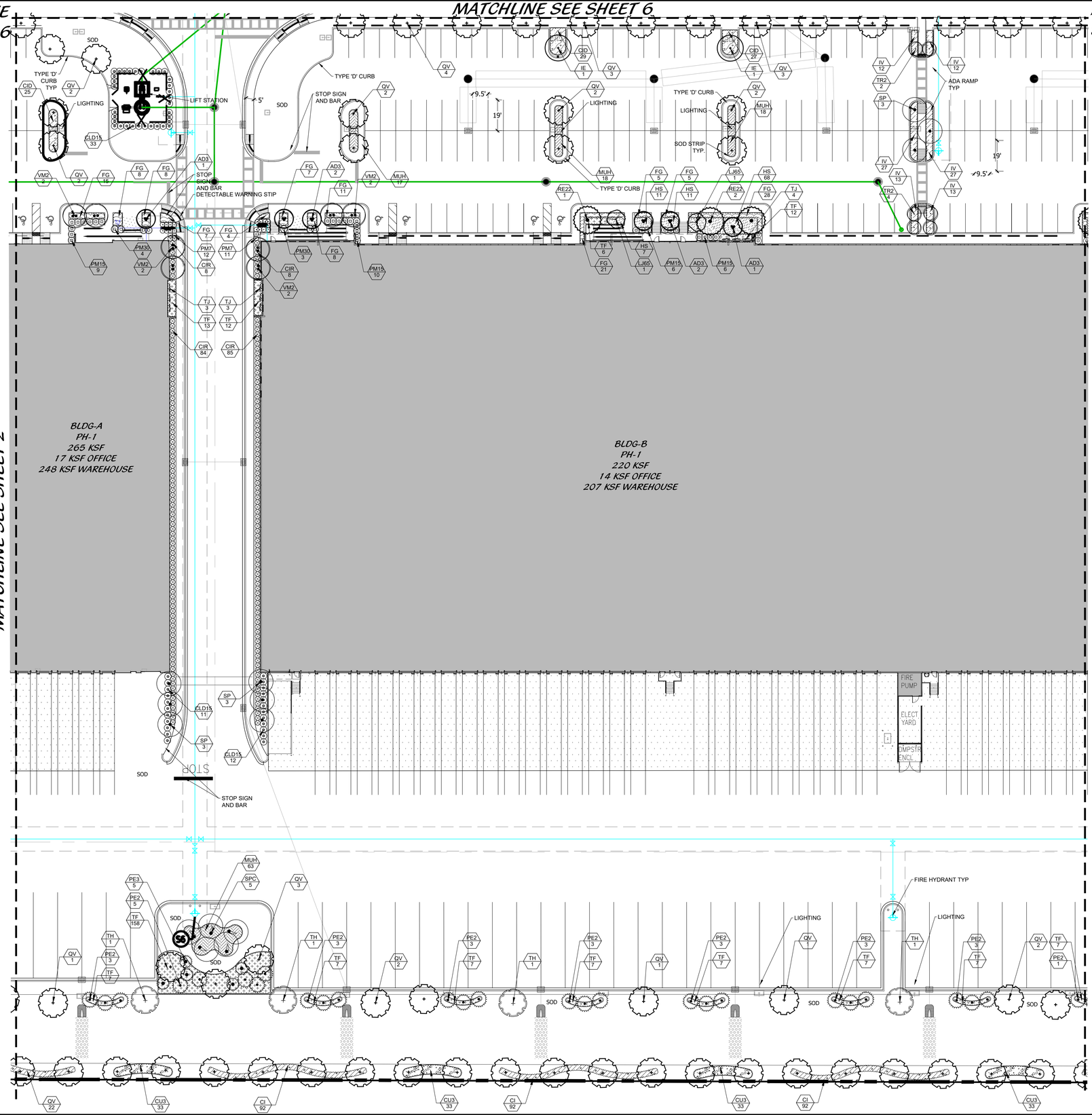
MATCHLINE SEE SHEET 6

MATCHLINE SEE SHEET 6

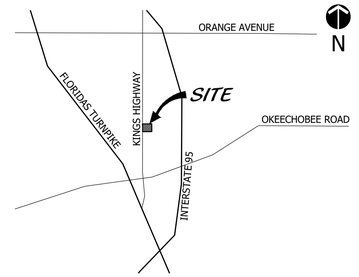
MATCHLINE SEE SHEET 6

MATCHLINE SEE SHEET 2

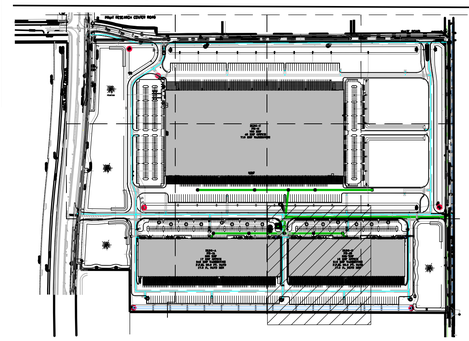
MATCHLINE SEE SHEET 4



LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

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www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan

City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
DOUGLAS R. HEARING
LA 0000943
STATE OF FLORIDA

0' 15' 30' 60'

Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 3 OF 13

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MATCHLINE SEE SHEET 5

MATCHLINE SEE SHEET 3

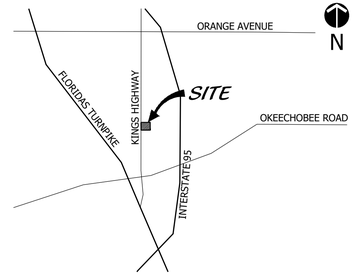
BLDG-B
PH-1
220 KSF
14 KSF OFFICE
207 KSF WAREHOUSE

PETERS ROAD

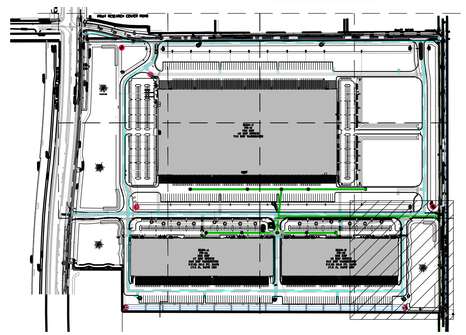
23+00
24+00
25+00
26+00
27+00
28+00
29+00

SOD
FIRE HYDRANT TYP
6' CROSS WALK
BACKFLOW
WATER MAIN
FDC TYP
BENCH WITH TRASH CAN TYP
LITTORAL ZONE
LITTORAL PLANTING (3,947 sf)
(219) GREAT SPIKE RUSH
(155) PICKEREL WEED
(152) FIRE FLAG
BENCH
EXISTING OAK TREE TO REMAIN
TYPE F CURB TYP
LIGHTING
20' LME

LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

48 HOURS BEFORE DIGGING
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www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan

City of Fort Pierce, Florida

DOUGLAS E. HEARING
LA 0000943
STATE OF FLORIDA

0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 4 OF 13

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MATCHLINE SEE SHEET 12

MATCHLINE SEE SHEET 6

MATCHLINE SEE SHEET 4

CE 2
CIR 12
CE 4
CIR 104
MUH 21
IE 1
CE 4
MUH 21
IE 1
CE 5
QV 24
QV 19
QV 9

BIO SWALE PLANTINGS (15,199 sf)
(1,567) WIREGRASS
(2,340) SEAOXEYE DAISY
(1,343) PINK MUHLY GRASS

BIO SWALE PLANTINGS (12,164 sf)
(1,254) WIREGRASS
(1,873) SEAOXEYE DAISY
(1,075) PINK MUHLY GRASS

SOD
SOD

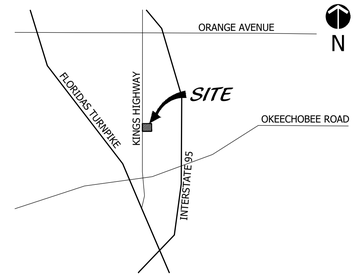
QV 2
SOD
PEZ 5
MUH 28
QV 3
PEZ 5
HD 56
QV 3
PEZ 5
MUH 24
QV 3
PEZ 5
HD 56
QV 3
MDD 1
CI 240
LID 5
PHM 1
LJIG 4
PS 190
CH1 2
AGO

17+00
18+00
19+00
20+00
21+00
22+00

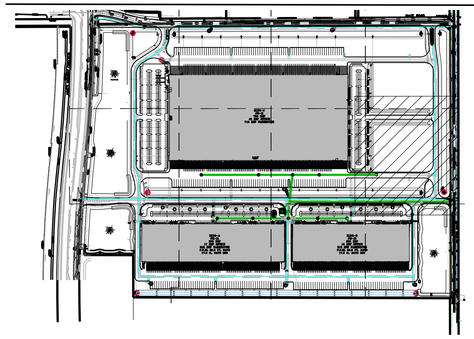
PETER'S ROAD

STA 22+44.34 S PETERS RD

LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

48 HOURS BEFORE DIGGING
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811
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Land Planners
Environmental Consultants
1934 Commerce Lane
Suite 1
Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
THOMAS E. HEARING
LA 0000943
STATE OF FLORIDA

0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 5 OF 13

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MATCHLINE SEE SHEET 11

SE

BLDG C
PH-II
750 KSF
40 KSF OFFICE
710 KSF
WAREHOUSE

MATCHLINE SEE SHEET 7

MATCHLINE SEE SHEET 5

CID 60
QV 2
BS 3
HD 174
CID 60
QV 2
CLD15 93
MUH 28
IE 2
CID 33
QV 1
MUH 28
CID 33
QV 1
IE 2
CID 60
IE 2
TF 74
TF 33
CIR 24
QV 3
SP 5
MUH 107
SPC 5
QV 4
QV 17
QV 3

BIO SWALE PLANTINGS (20,744 sf)
(2,138) WIREGRASS
(3,194) SEAOXEYE DAISY
(1,833) PINK MUHLY GRASS

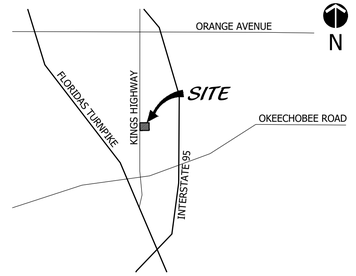
S2

SOD
SOD
SOD

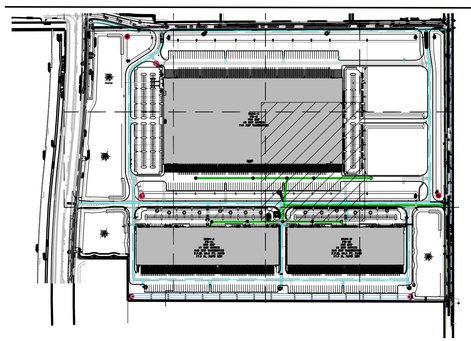
SANITARY SEWER
STORM SEWER
WATER MAIN

MATCHLINE SEE SHEET 3

LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

48 HOURS BEFORE DIGGING
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Land Planners
Environmental Consultants
1934 Commerce Lane
Suite 1
Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park
Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
TODD R. HEARING
LA 0000943
STATE OF FLORIDA

0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 6 OF 13

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MATCHLINE SEE SHEET 10

BLDG C
PH-II
750 KSF
40 KSF OFFICE
710 KSF
WAREHOUSE

MATCHLINE SEE SHEET 8

MATCHLINE SEE SHEET 6

BIO SWALE PLANTINGS (20,136 sf)
(2,076) WIREGRASS
(3,101) SEAOXEYE DAISY
(1,779) PINK MUHLY GRASS

SOD

SOD

SOD

OV
16

WATER MAIN

TYPE F CURB
TYP

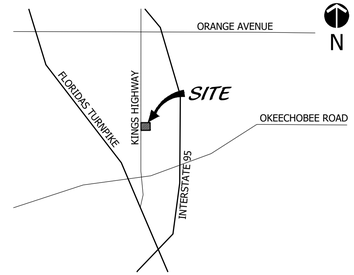
CATCH
BASIN
TYP

WATER MAIN

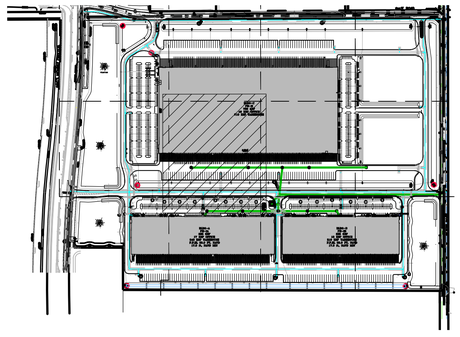
WATER MAIN

MATCHLINE SEE SHEET 2

LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

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1934 Commerce Lane
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Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park
Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY GEOFF R. HEARING
LA 0000643
STATE OF FLORIDA

0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 7 OF 13

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MATCHLINE SEE SHEET 9

KING'S HWY.

LAKE 1
5.49 AC.

FOUNTAIN

BLDG C
PH-II
750 KSF
40 KSF OFFICE
710 KSF
WAREHOUSE

MATCHLINE SEE SHEET 7

LITTORAL ZONE

20'

30'

LITTORAL PLANTING (4,629 sf)
(257) GREAT SPIKE RUSH
(182) PICKEREL WEED
(179) FIRE FLAG

BIO SWALE PLANTINGS (6,787 sf)
(700) WIREGRASS
(1,045) SEAOXEYE DAISY
(600) PINK MUHLY GRASS

PERMANENT EASEMENT

L-E DITCH 5

MONUMENT SIGN
LOCATION 1

STOP SIGN
AND BAR TYP

STORM SEWER

WATER MAIN

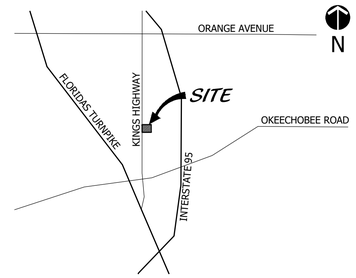
CATCH BASIN TYP

STORM SEWER

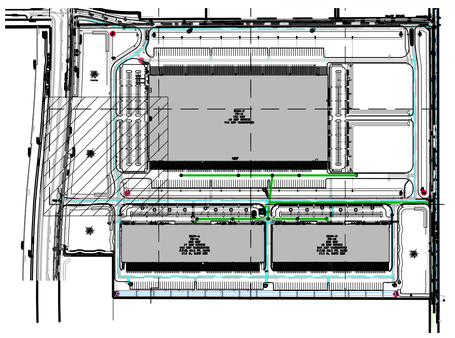
WATER MAIN

MATCHLINE SEE SHEET 1

LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

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SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

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1934 Commerce Lane
Suite 1
Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
DEBORAH E. HEARING
LA 0000943
STATE OF FLORIDA

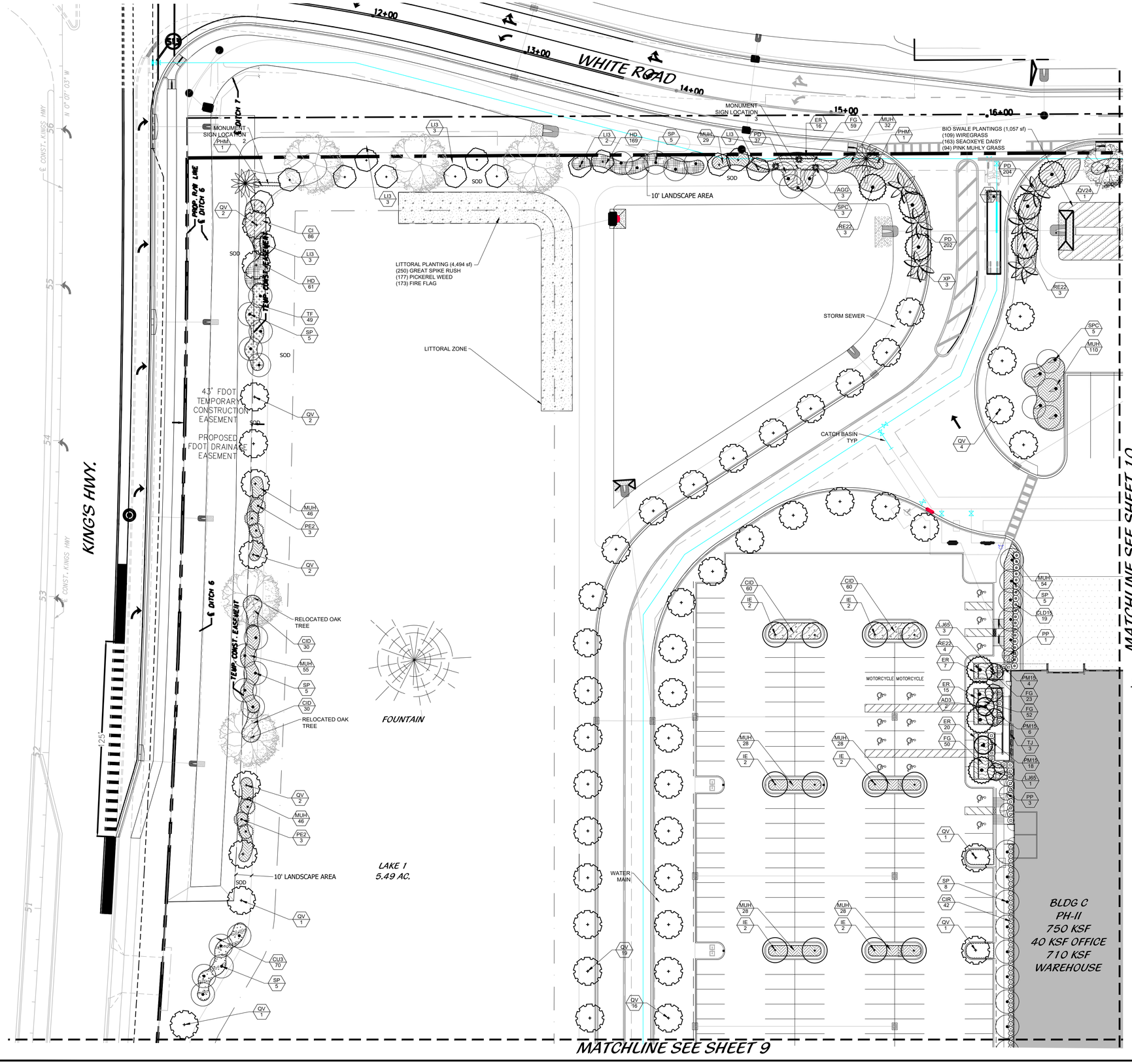
0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
APPROVED	DEH
JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

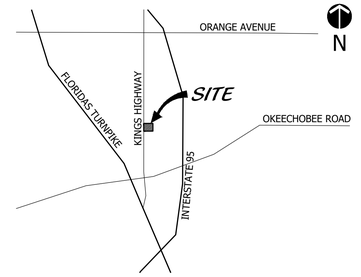
February 24, 2022 5:00:03 p.m.
Drawing: 21-0130 LP1.DWG

SHEET 8 OF 13

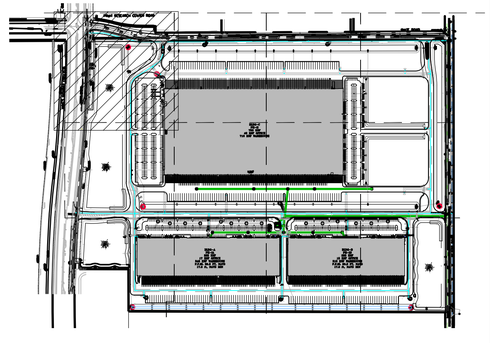
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LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

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Lic# LC-26000535

King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

REGISTERED LANDSCAPE ARCHITECT
DOUGLAS E. HEARING
LA 0000943
STATE OF FLORIDA

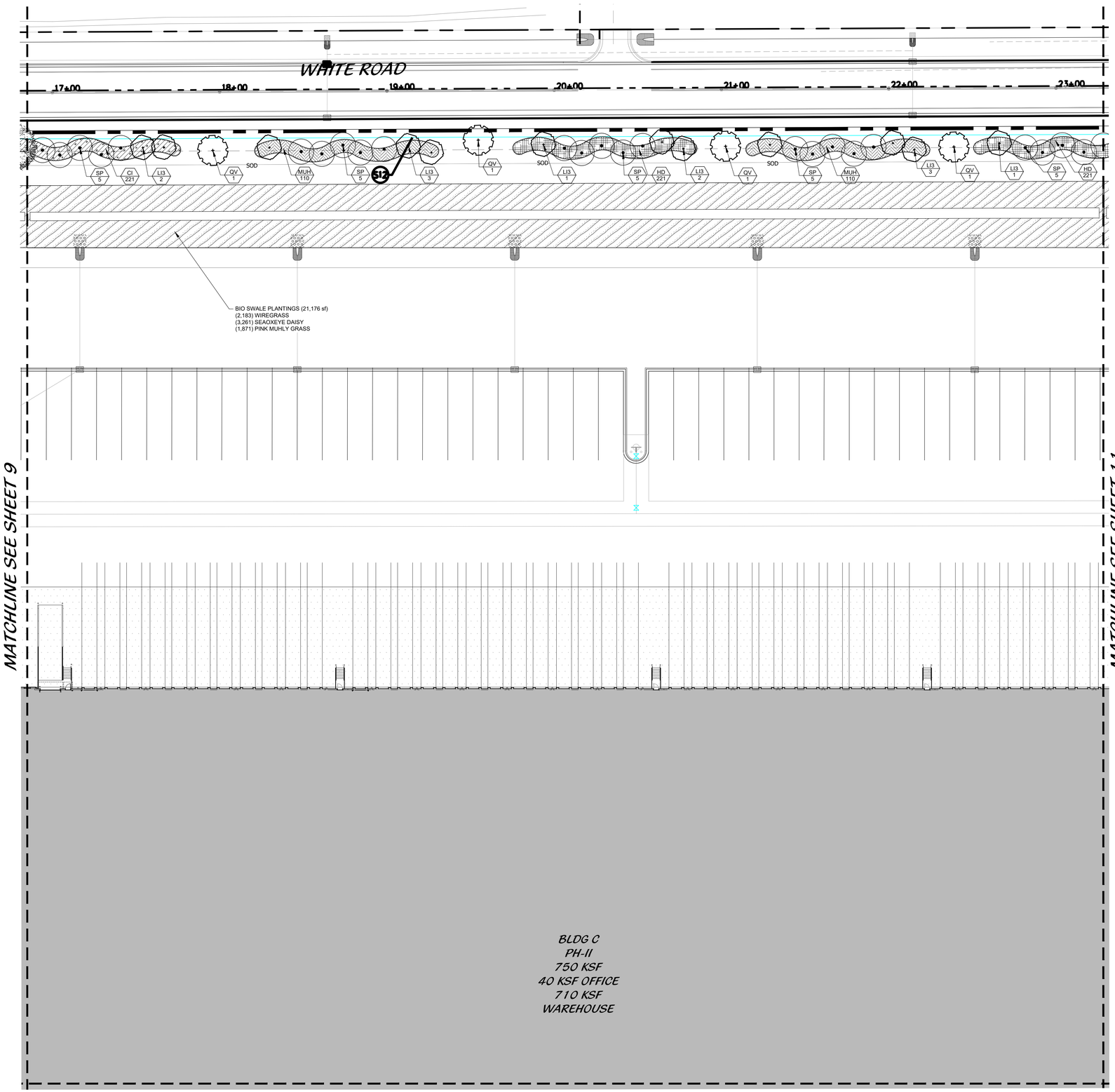
0' 15' 30' 60'
Scale: 1" = 30'-0"

DESIGNED	DEH
DRAWN	AGB
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JOB NUMBER	21-0130
DATE	04-28-21
REVISIONS	06-25-21
	02-25-21

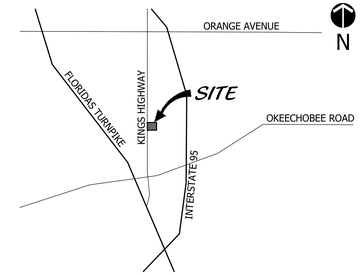
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SHEET 9 OF 13

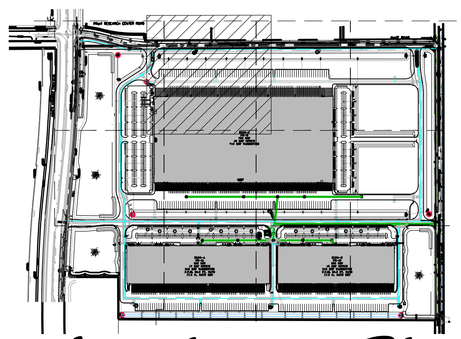
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LOCATION MAP



SHEET LAYOUT MAP



Landscape Plan

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Cotleur & Hearing
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561.747.6336 · Fax 747.1377
www.cotleurhearing.com
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King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

LA 0000965
STATE OF FLORIDA

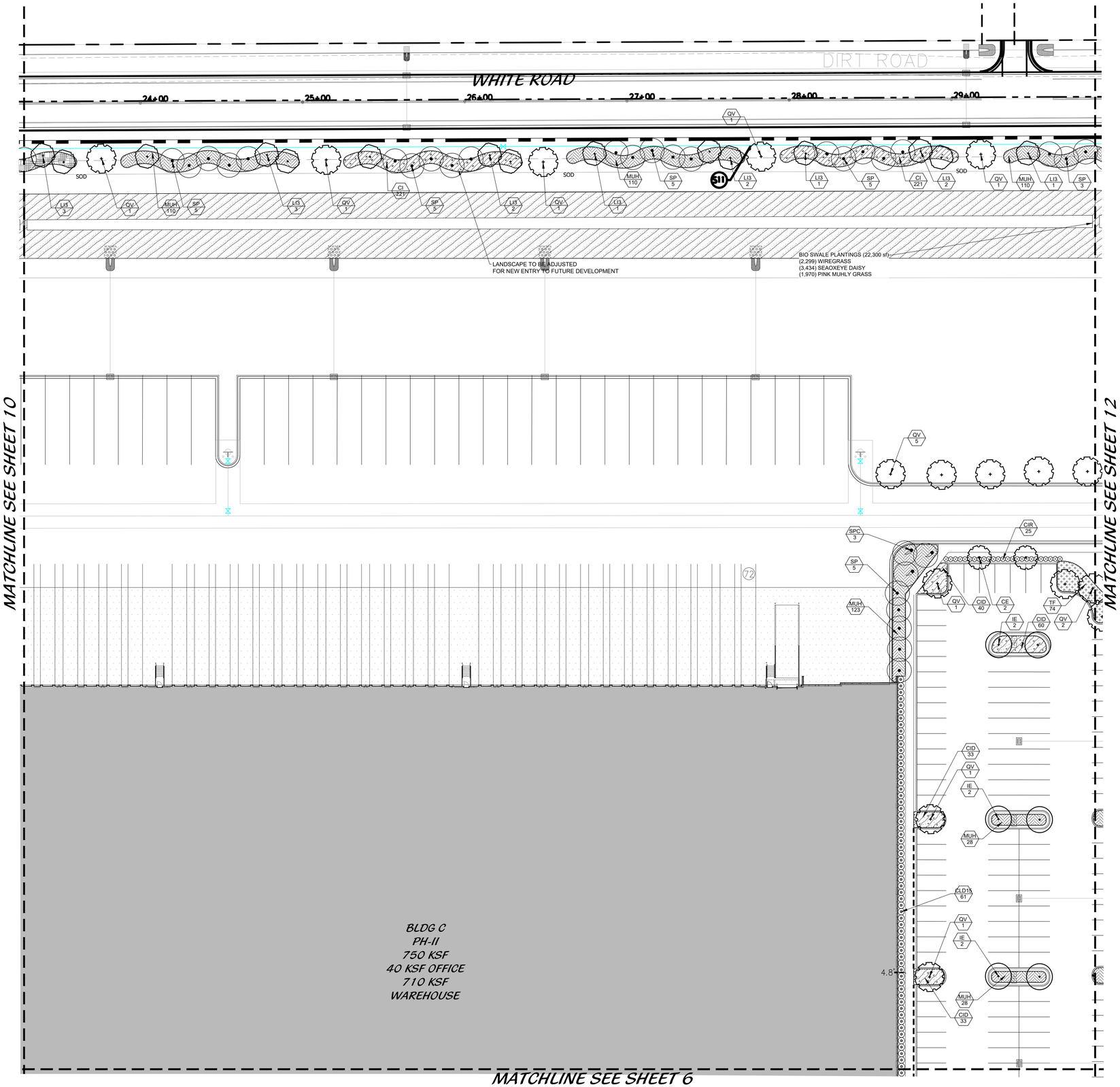
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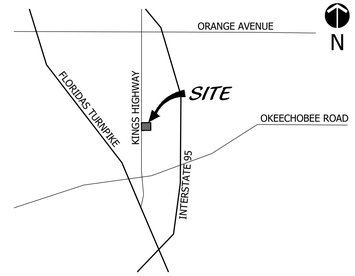
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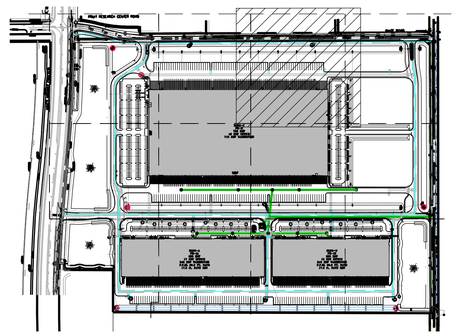
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King's Highway Commerce Park
Landscape Plan
City of Fort Pierce, Florida

DONALDSON E. HEARING
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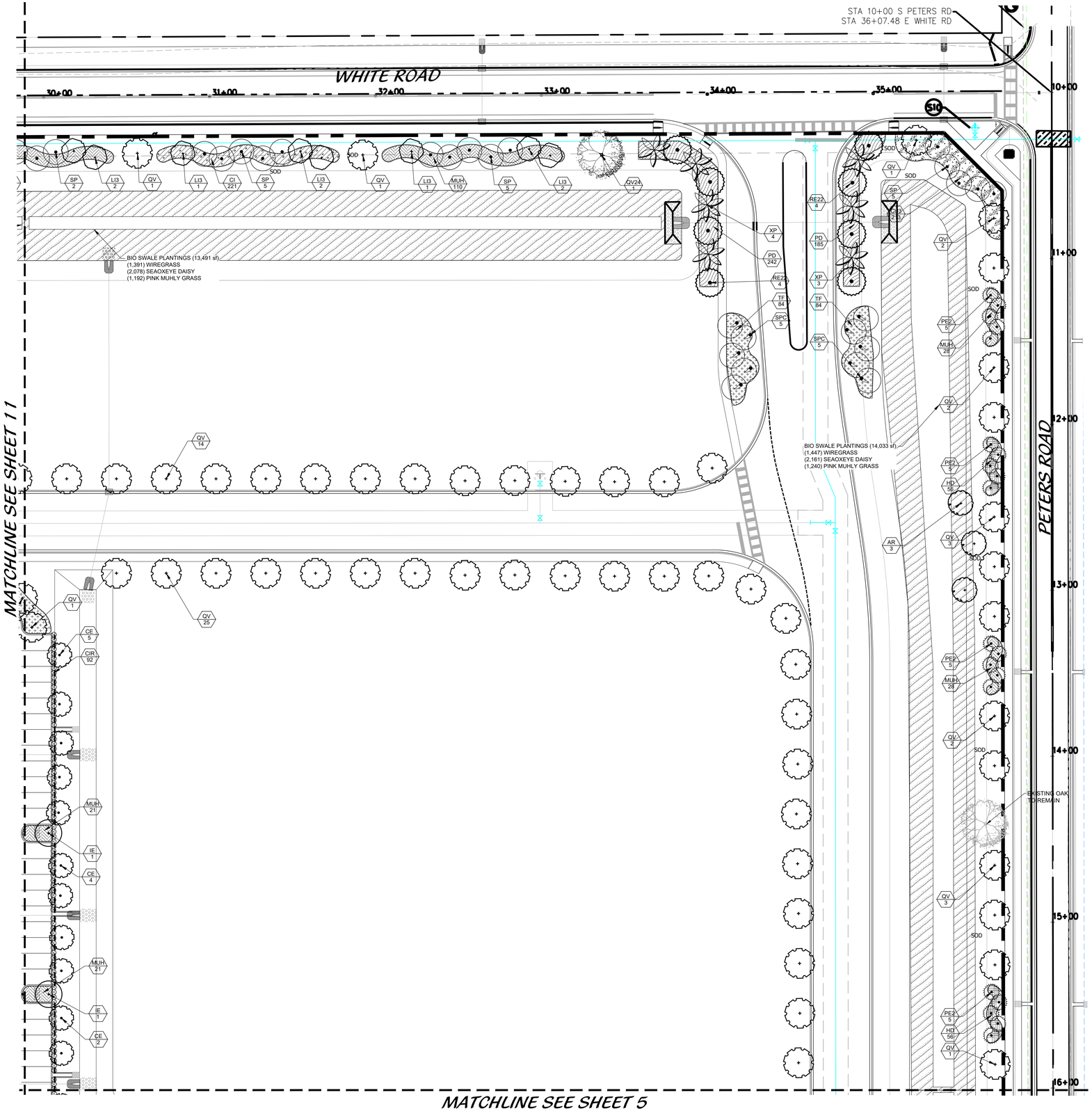
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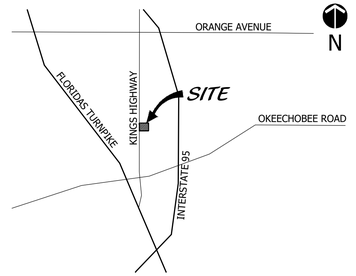
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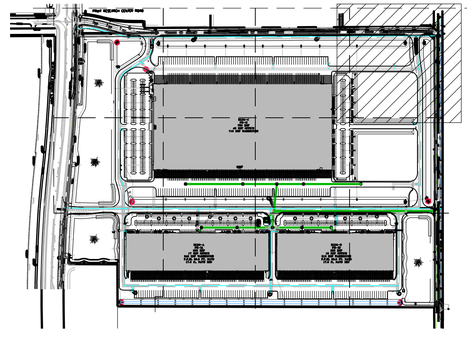
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King's Highway Commerce Park

Landscape Plan
City of Fort Pierce, Florida

DEHEY LANDSCAPE ARCHITECT
DOUGLAS E. HEARING
LA 0000943
STATE OF FLORIDA

0' 15' 30' 60'
Scale: 1" = 30'-0"

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LANDSCAPE NOTES

ALL PLANT MATERIAL SHALL BE FLORIDA NUMBER 1 OR BETTER AS DEFINED BY THE DIVISION OF PLANT INDUSTRY `FLORIDA GRADES AND STANDARDS` LATEST EDITION.

ALL LANDSCAPE SHALL CONFORM TO THE REQUIREMENTS OF THE TOWN OF JUPITER LAND DEVELOPMENT REGULATIONS. THE TOWN OF JUPITER LANDSCAPE CODE (LDRs) SHALL GOVERN IN THE EVENT OF A CONFLICT.

VEGETATION REMOVAL PERMITS ARE REQUIRED PRIOR TO REMOVING, CLEARING OR STRIPPING ANY VEGETATION FROM THE PROPERTY.

AT THE TIME OF BUILDING PERMIT, THE APPLICANT SHALL EXECUTE HOLD HARMLESS AGREEMENTS WITH ALL APPLICABLE UTILITIES FOR LANDSCAPING WITHIN UTILITY EASEMENTS.

THE LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS AND/ OR CHANGES WITHOUT THE AUTHORIZATION OF TOWN OF JUPITER, THE OWNER AND THE LANDSCAPE ARCHITECT.

THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT DRAINAGE AND UTILITY PLANS PRIOR TO CONSTRUCTION AND AVOID ALL CONFLICTS. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK.

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS.

THE CONTRACTOR SHALL COORDINATE THE PLANTING AND TRIMMING OF STREET TREES TO ENSURE FULL VISIBILITY TO TRAFFIC CONTROL AND SAFETY SIGNAGE

TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SIGNAGE AND SITE LIGHTING. LARGER TREES WILL BE PROVIDED AT INTERSECTIONS WHERE DEEMED NECESSARY.

ALL VEGETATION SHALL BE SELECTED AND POSITIONED SO THAT IT DOES NOT PRESENT OBSTRUCTIONS TO THE LINE OF SIGHT AT INTERSECTIONS PURSUANT TO SECTION 27-126(a)(9)(c) OF THE TOWN OF JUPITER CODE.

ALL ABOVE GROUND UTILITIES I.E. TRANSFORMERS, SWITCH BOXES, AC CONDENSERS AND ALIKE SHALL BE FULLY SCREENED FROM VIEW ON THREE SIDES WITH LANDSCAPING. THE LANDSCAPING SHALL TO THE TALLEST POINT OF SAID EQUIPMENT AT TIME OF PLANTING.

ALL TREES SHALL BE LOCATED WITHIN A MULCH PLANTING BED WITH A MINIMUM OF TWO (2) FEET OF CLEARANCE TO THE EDGE OF THE BED.

SOD AND IRRIGATION SHALL BE INSTALLED IN ANY ADJACENT RIGHT OF WAY BETWEEN THE SIDEWALK AND THE CURB.

ALL SOD SHALL BE STENOTAPHRUM SECONDATUS FLORITAM-PALMETTO (ST. AUGUSTINE SOD).

TREES WITHIN PLANTING ISLANDS LESS THAN FIVE (5) FEET IN WIDTH SHALL BE LOCATED TO AVOID CONFLICTS WITH THE OVERHANG OF VEHICLES.

TYPE D RAISED CONCRETE CURBING SHALL BE PROVIDED AROUND ALL PLANTING ISLANDS WITHIN VEHICULAR USE AREAS.

TREES AT ENTRANCE WAYS AND WITHIN SIGHT TRIANGLES SHALL BE TRIMMED IN SUCH A FASHION TO MINIMIZE SITE VISIBILITY CONFLICTS. CLEAR VISIBILITY SHALL BE MAINTAINED BETWEEN 30 INCHES AND 7 FEET. TEN FOOT BY THIRTY FOOT SIGHT VISIBILITY TRIANGLES SHALL BE PROVIDED AT THE INTERSECTIONS WITH THE PUBLIC RIGHT OF WAY. IN ADDITION ALL LANDSCAPING SHALL CONFORM TO THE REQUIREMENTS OF FOOT INDEX 546.

EARTH BERMS SHALL NOT EXCEED A 3:1 SLOPE 4:1 SLOPES OR GREATER ARE PREFERABLE.

ALL TREES PLANTED UNDER OR ADJACENT TO FPL POWER LINES WILL COMPLY WITH THE FPL RIGHT TREE IN THE RIGHT PLACE GUIDELINES (REV 5/95)

PERIMETER TREES AT THE TIME OF PLANTING SHALL BE SPACED IN A WAY THAT COMPLEMENTS THE SPACING OF ANY EXISTING TREES ON ADJACENT DEVELOPED AREAS.

ALL LANDSCAPE ISLANDS AND BEDS SHALL BE FREE FROM SHELL ROCK AND CONSTRUCTION DEBRIS, EXCAVATED TO A DEPTH OF 30 INCHES OR TO CLEAN NATIVE SOILS AND FILLED WITH THE SPECIFIED BACKFILL MIXTURE.

ALL LANDSCAPE ISLANDS SHALL INCORPORATE THE INSTALLATION OF MOUNDING OF NATIVE SOILS A MINIMUM OF SIX INCHES (6") ABOVE THE TOP OF CURB.

19.5" `BIO BARRIER` ROOT BARRIER SHALL BE PROVIDED FOR SHADE TREES PLANTED WITHIN SIX (6') FEET OF PUBLIC CURBS, SIDEWALKS OR PUBLIC RIGHT OF WAYS. ALL ROOT BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS. THE TOTAL LENGTH OF THE ROOT BARRIERS SHALL BE 20' ADJACENT TO THE SIDEWALK AND 20' ADJACENT TO THE CURB.

ALL AREAS SHALL BE FULLY IRRIGATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF JUPITER. THE IRRIGATION WATER SOURCE SHALL BE WELL WATER FOR COMMON AREAS AND POTABLE WATER AROUND THE BUILDING FOUNDATION.

CATCH BASINS AND DRAINAGE SHALL NOT BE LOCATED WITH IN REQUIRED PERIMETER BUFFERS OR PRESERVE AREAS.

THE IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 100% OVERLAP COVERAGE TO ALL LANDSCAPE AND SOD AREAS.

THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN SENSOR/CUT OFF SWITCH IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.

EXISTING TREES AND VEGETATION TO REMAIN SHALL BE STAKED AND BARRICADED PRIOR TO ANY LAND CLEARING. TREES TO BE RELOCATED SHALL BE ROOT PRUNED AND PROTECTED DURING CONSTRUCTION.

ALL TREES PROPOSED TO BE PRESERVED ON SITE SHALL BE PROTECTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN DIVISION IV., VEGETATION REMOVAL REQUIREMENTS IN THE TOWN OF JUPITER CODE PRIOR TO THE ISSUANCE OF A C.O.

ANY AREA DESIGNATED WITH EXISTING VEGETATION TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH NATIVE PLANTINGS.

EXISTING TREES PRESERVED OR RELOCATED ON SITE SHALL BE PRUNED ACCORDING TO ANSI A300 STANDARDS OR BY AN ISA CERTIFIED ARBORIST.

ALL EXISTING LANDSCAPING AND TREES TO REMAIN SHALL BE BARRICADED WITH ORANGE CONSTRUCTION BARRICADE. THE BARRICADE SHALL BE INSTALLED AT THE DRIP LINE OF THE TREE/PALM OR AT THE EDGE OF THE SHRUB MASS. BARRICADES SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION.

EXISTING, SUITABLE NATIVE VEGETATION LOCATED WITHIN THE PROPOSED DEVELOPMENT AREAS SHALL BE RELOCATED TO SUPPLEMENT THE LANDSCAPING. NATIVE VEGETATION SHALL BE RELOCATED BY TREE SPADE OR CRANE. PRIOR TO THE CLEARING OF THE SITE THE APPLICANT SHALL IDENTIFY ALL NATIVE VEGETATION TO BE RELOCATED.

RELOCATION METHODOLOGY: EXISTING NATIVE VEGETATION DETERMINED TO BE SUITABLE FOR RELOCATION SHALL BE RELOCATED TO TARGET AREAS USING HYDROLOGIC TREE SPADES. THE SIZE OF SPADE SHALL VARY FROM 90" TO 45" DEPENDING ON THE SIZE AND TYPE OF VEGETATION TO BE MOVED. THE APPLICANT SHALL IDENTIFY PRIOR TO THE CLEARING OF THE SITE ALL EXISTING NATIVE VEGETATION TO BE RELOCATED. FOLLOWING RELOCATION, VEGETATION SHALL BE WATERED DAILY FOR A PERIOD NOT LESS THAN 90 DAYS AFTER WHICH IT SHALL BE WATERED ON AN AS NEED BASIS TO INSURE SURVIVAL. AT A MINIMUM THE APPLICANT SHALL INSURE 60% SURVIVAL FOR ALL RELOCATED PLANT MATERIAL.

LANDSCAPE SPECIFICATIONS

1. GENERAL LANDSCAPE REQUIREMENTS

LANDSCAPE CONTRACT WORK INCLUDES, BUT IS NOT LIMITED TO, SOIL PREPARATION, FINE OR FINISH GRADING, FURNISHING AND INSTALLING PLANT MATERIAL, WATERING, STAKING, GUYING AND MULCHING.

PLANT SIZE AND QUALITY

TREES, PALMS, SHRUBS, GROUNDCOVERS:
PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS, NOMENCLATURE SHALL CONFORM TO STANDARD PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY.

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION.

AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.

STANDARD PLANTING MIXTURE SHALL BE ONE (1) PART RECYCLED ORGANIC MATERIAL ADDED TO THREE (3) PARTS EXISTING NATIVE SOIL.

REPLACEMENT SOIL SHALL BE USED AS SPECIFIED TO REPLACE EXISTING SOILS THAT ARE DETERMINED BY THE LANDSCAPE ARCHITECT TO BE UNSUITABLE FOR PLANTING, IE. ROAD BASE, PAVEMENT, ETC. REPLACEMENT SOIL MIX SHALL CONTAIN 60% SAND AND 40% MUCK. SAND SHALL BE 100% CLEAN NATIVE SAND SCREENED TO 1/4" AND MUCK SHALL BE 100% CLEAN ORGANIC NATIVE MUCK SCREENED TO 1/2". ALL SOIL SHALL BE MIXED PRIOR TO DELIVERY ON SITE.

MULCH SHALL BE SHREDDED MELALEUCA, EUCALYPTUS OR GRADE "A" RECYCLED. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3", EXCEPT AS OTHERWISE NOTED.

FERTILIZER IN BACKFILL MIXTURE FOR ALL PLANTS SHALL CONSIST OF MILORGANITE ACTIVATED SLUDGE MIXED WITH THE BACKFILL AT A RATE OF NOT LESS THAN 50 LBS. PER CUBIC YARD.

FERTILIZER FOR TREES AND SHRUBS MAY BE TABLET FORM OR GRANULAR. GRANULAR FERTILIZER SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE-FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED BAGS, EACH BEARING THE MANUFACTURER'S STATEMENT OF ANALYSIS, AND SHALL MEET THE FOLLOWING REQUIREMENTS: 16% NITROGEN, 7% PHOSPHORUS, 12% POTASSIUM, PLUS IRON. TABLET FERTILIZER (AGRIFORM OR EQUAL) IN 21 GRAM SIZE SHALL MEET THE FOLLOWING REQUIREMENTS: 20% NITROGEN, 10% PHOSPHORUS AND 5% POTASSIUM.

FERTILIZER WILL BE APPLIED AT THE FOLLOWING RATES:

PLANT SIZE	16-7-12	AGRIFORM TABLETS (21 GRAM)
1 GAL.	1/4 LB.	1
3 GAL.	1/3 LB.	3
7-15 GAL.	1/2 LB.	6
1"-6" CALIPER	2 LBS./1" CALIPER	2 PER 1" CALIPER
6" AND LARGER	3 LBS./1" CALIPER	2 PER 1" CALIPER

"FLORIDA EAST COAST PALM SPECIAL" SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF ½ LB. PER INCH OF TRUNK UNLESS OTHERWISE SPECIFIED.

FIELD GROWN TREES AND PALMS PREVIOUSLY ROOT PRUNED SHALL OBTAIN A ROOT BALL WITH SUFFICIENT ROOTS FOR CONTINUED GROWTH WITHOUT RESULTING SHOCK.

CONTRACTOR SHALL NOT MARK OR SCAR TRUNK IN ANY FASHION.

PLANTS SHALL BE WATERED AS NECESSARY OR WITHIN 24 HOURS AFTER NOTIFICATION BY THE LANDSCAPE ARCHITECT.

THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT.

ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF INSTALLATION.

ALL TREES MUST BE STAKED AS SHOWN ON THE PLANTING DETAILS WITHIN 24 HOURS OF PLANTING. STAKES TO REMAIN FOR A MINIMUM OF 9 MONTHS, BUT NO LONGER THAN 18 MONTHS. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF THE STAKES.

ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION. SABAL PALMS MAY BE HURRICANE CUT.

ALL SHRUBS, TREES AND GROUND COVER WILL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES. THE SOILS SHALL BE PLACED IN THE HOLE DURING PLANTING. TOP DRESSING ONLY IS NOT ACCEPTABLE.

DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING WATER AND A TREE BAR.

THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE, PLANTING SAUCERS RESTORED, AND DEFECTIVE WORK CORRECTED.

THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR DEBRIS CAUSED BY HIS CREWS DURING THE PERFORMANCE OF THE WORK. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL WASTE MATERIALS, DEBRIS, UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS AND ALL EQUIPMENT FROM THE PROJECT SITE.

UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY ITEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 14 DAYS.

ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION, AS WELL AS ALL THE COST FOR THE REMOVAL OF UNSUITABLE OR EXCESS BACKFILL MATERIAL, SHALL BE INCLUDED IN THE CONTRACTOR'S BID TO PERFORM THE WORK REPRESENTED IN THIS PLAN SET.

2. PLANTING TREES

EXCAVATE PIT AS PER PLANTING DETAILS.

BACKFILL AROUND BALL WITH STANDARD PLANTING MIXTURE AND SLIGHTLY COMPACT, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF STANDARD PLANTING MIXTURE BEYOND EDGE OF EXCAVATION. APPLY 3" (AFTER SETTLEMENT) OF MULCH EXCEPT WITHIN 6" OF TRUNK.

PRUNE TREE TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. DO NOT PRUNE BACK TERMINAL LEADER.

GUY AND STAKE TREE IN ACCORDANCE WIT THE STAKING DETAILS IMMEDIATELY AFTER PLANTING.

3. PLANTING SHRUBS

LAYOUT SHRUBS TO CREATE A CONTINUOUS SMOOTH FRONT LINE AND FILL IN BEHIND.

EXCAVATE PIT OR TRENCH TO 1-1/2 TIMES THE DIAMETER OF THE BALLS OR CONTAINERS OR 1'-0" WIDER THAN THE SPREAD OF ROOTS FOR POSITIONING AT PROPER HEIGHT. BACKFILL AROUND PLANTS WITH STANDARD PLANTING MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. FORM GRADE SLIGHTLY DISHED AND BERMED AT EDGES OF EXCAVATION. APPLY 3" OF MULCH EXCEPT WITHIN 3" OF STEMS.

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES.

4. PLANTING GROUND COVER

LOOSEN SUBGRADE TO DEPTH OF 4" IN AREAS WHERE TOPSOIL HAS BEEN STRIPPED AND SPREAD SMOOTH.

SPACE PLANTS AS OTHERWISE INDICATED. DIG HOLES LARGE ENOUGH TO ALLOW SPREADING OF ROOTS. COMPACT BACKFILLTO ELIMINATE VOIDS AND LEAVE GRADE SLIGHTLY DISHED AT EACH PLANT. WATER THOROUGHLY. APPLY 3" OF MULCH OVER ENTIRE PLANTING BED, LIFTING PLANT FOLIAGE ABOVE MULCH.

DURING PERIODS OF HOT SUN AND/OR WIND AT TIME OF PLANTING, PROVIDE PROTECTIVE COVER FOR SEVERAL DAYS OR AS NEEDED.

5. PLANTING LAWNS

SODDING: SOD TYPE SPECIFIED ON PLANT LIST SHALL BE MACHINE STRIPPED NOT MORE THAN 24 HOURS PRIOR TO LAYING.

LOOSEN SUBGRADE TO DEPTH OF 4" AND GRADE WITH TOPSOIL EITHER PROVIDED ON SITE OR IMPORTED STANDARD PLANTING MIX TO FINISH DESIGN ELEVATIONS. ROLL PREPARED LAWN SURFACE. WATER THOROUGHLY, BUT DO NOT CREATE MUDDY SOIL CONDITION.

FERTILIZE SOIL AT THE RATE OF APPROXIMATELY 10 LBS. PER 1,000 S.F. SPREAD FERTILIZER OVER THE AREA TO BE LAWNED BY USING AN APPROVED DISTRIBUTION DEVICE CALIBRATED TO DISTRIBUTE THE APPROPRIATE QUANTITY. DO NOT FERTILIZE WHEN WIND VELOCITY EXCEEDS 15 M.P.H. THOROUGHLY MIX FERTILIZER INTO THE TOP 2" OF TOPSOIL.

LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP, STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED STANDARD PLANTING MIXTURE INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOIL DEPOSITS FROM SODDED AREAS. SOD ON SLOPES GREATER THAN 3:1 SHALL BE STAKED IN PLACE. ROLL OR STAMP LIGHTLY AND WATER THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

6. MISCELLANEOUS LANDSCAPE WORK

LANDSCAPE MAINTENANCE

MAINTAIN LANDSCAPE WORK UNTIL FINAL ACCEPTANCE IS ISSUED BY THE OWNER'S REPRESENTATIVE. INCLUDE WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, MOWING AND TRIMMING GRASS, PRUNING TREES AND SHRUBS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZING AND SIMILAR OPERATIONS AS NEEDED TO INSURE NORMAL GROWTH AND GOOD HEALTH FOR LIVE PLANT MATERIAL.

PLANT MATERIAL SUBSTITUTION

NO SUBSTITUTION OF PLANT MATERIAL, TYPE OR SIZES WILL BE PERMITTED WITHOUT AUTHORIZATION FROM THE LANDSCAPE ARCHITECT.

PLANTING BED PREPARATION

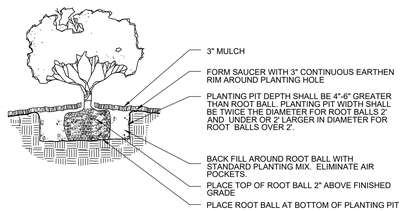
ALL PLANTING BEDS SHALL BE PROPERLY PREPARED PRIOR TO THE COMMENCEMENT OF ANY PLANTING. PLANTING AREAS, INCLUDING LAWNS SHALL BE FREE OF ALL WEEDS AND NUISANCE VEGETATION. IF TORPEDO GRASS (PANICUM REPENS) IS PRESENT OR ENCOUNTERED DURING PLANTING, THE LANDSCAPE CONTRACTOR SHALL STOP ALL PLANTING UNTIL IT CAN BE DEMONSTRATED THAT IT HAS BEEN COMPLETELY REMOVED OR ERADICATED. THERE SHALL BE NO EXCEPTIONS TO THIS PROVISION.

ALL LANDSCAPE ISLANDS AND BEDS WILL BE FREE OF SHELL ROCK AND CONSTRUCTION DEBRIS AND WILL BE EXCAVATED TO A DEPTH OF 30 INCHES OR TO CLEAN, NATIVE SOIL AND FILLED WITH THE SPECIFIED REPLACEMENT SOIL.

LANDSCAPE WARRANTY

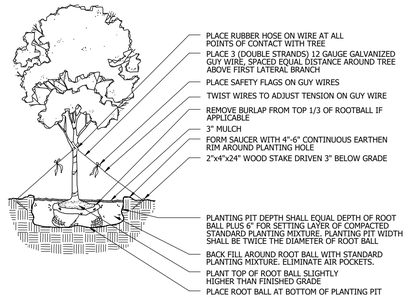
THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF SIX (6) MONTHS FROM THE DATE OF CONDITIONAL ACCEPTANCE IN WRITING FROM THE LANDSCAPE ARCHITECT. AT THE TIME OF CONDITIONAL ACCEPTANCE, THE SIX (6) MONTH PERIOD SHALL COMMENCE. ANY MATERIALS WHICH HAVE DIED OR DECLINED TO THE POINT WHERE THEY NO LONGER MEET FLORIDA #1 CONDITION DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM ACTS OF GOD SUCH AS LIGHTNING, VANDALISM, AND AUTOMOBILES OR FROM NEGLIGENCE BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND OTHERWISE MAINTAINING PLANTS UP TO THE CONDITIONAL ACCEPTANCE PERIOD, UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A DIFFERENT ARRANGEMENT.

PLANTING DETAILS



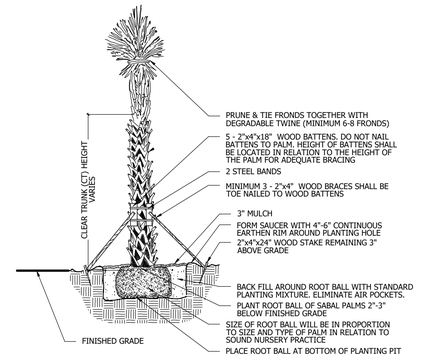
SHRUB/GROUNDCOVER PLANTING DETAIL

NTS



LARGE TREE PLANTING DETAIL

NTS



PALM PLANTING DETAIL

NTS

PLANT SCHEDULE

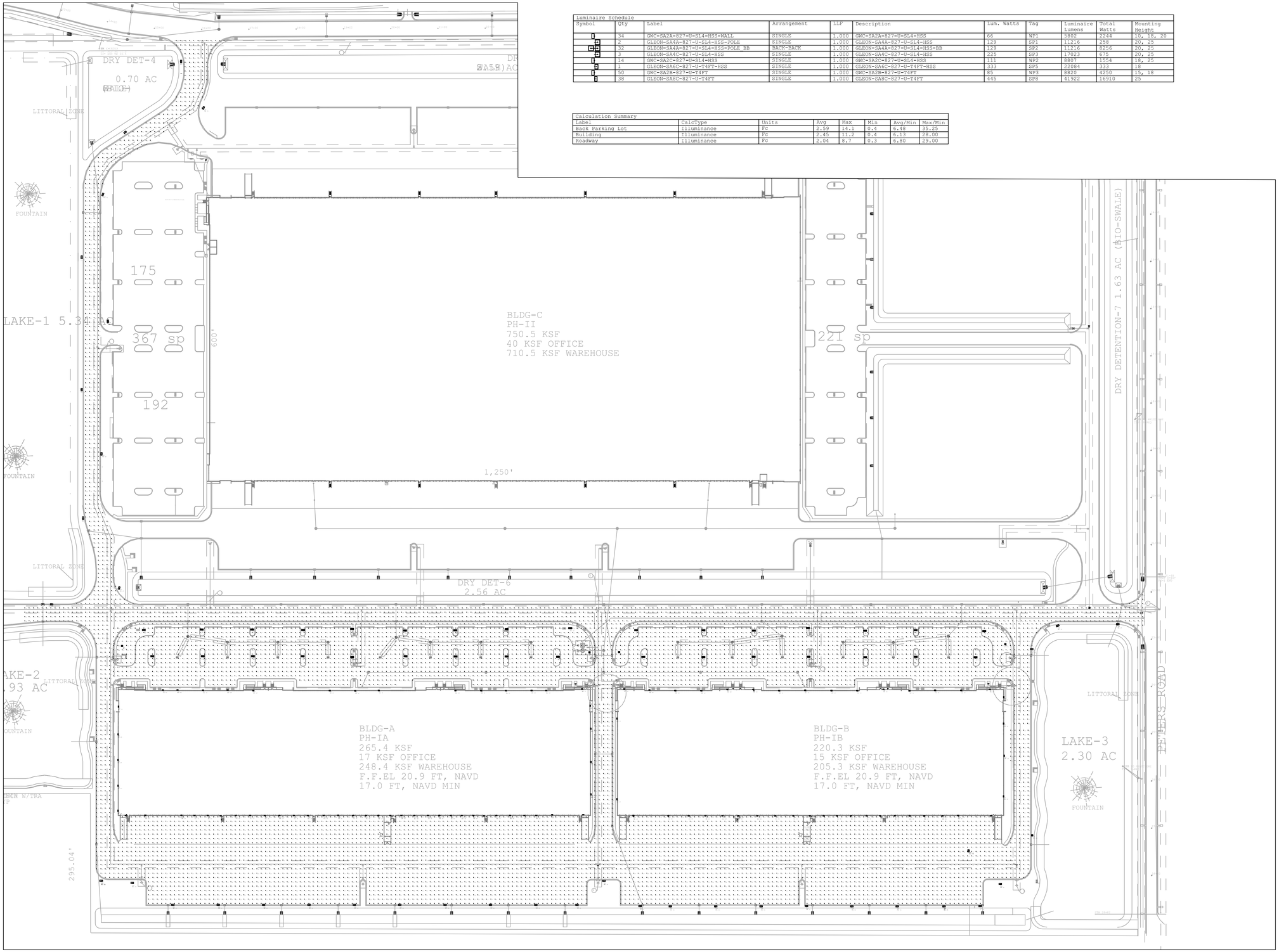
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	LOW MAINT	REMARKS
AR	3	ACER RUBRUM	RED MAPLE	25 GAL	2" CAL	12` O.A.X 5` SPRD	Y	Y	FULL CANOPY, 5` C.T. MIN.
BS	11	BURSERA SIMARUBA	GUMBO LIMBO	FIELD GROWN	3"Cal	14` HT, 6` - 8` SPRD	Y		FULL CANOPY
CE	28	CONOCARPUS ERECTUS	GREEN BUTTONWOOD	30 GAL. OR F.G.	2.5" CAL	12` O.A.	Y		FULL CANOPY
IE	50	ILEX X ATTENUATA `EAGLESTON`	EAGLESTON HOLLY	45 GAL.	2.5"Cal	12`-14` HT, X 5` SPRD.	Y		FULL CANOPY, 5` CT. SOUTH GROWN, MATCHED, FLORIDA FANCY
LI3	71	LAGERSTROEMIA INDICA `MUSKOGEE`	CRAPE MYRTLE	65 GAL. MIN.	2.5" CAL.	12` O.A.X 5` SPRD	N	N	FULL & THICK CANOPY, FLORIDA FANCY, 5` C.T.
LI65	19	LIGUSTRUM JAPONICUM	JAPANESE PRIVET	65 GAL	3 TRK MIN., 1"-2" CAL. EA.	8` HT, 8` SPRD.	N		FULL CANOPY, 4` CT., MULTI-TRUNK, FF
MDD	20	MAGNOLIA GRANDIFLORA `D.D. BLANCHARD`	SOUTHERN MAGNOLIA	100 GAL	5" CAL	18`-20` O.A.	Y		FULL CANOPY, SOUTH GROWN, MATCHING,FF
PE2	146	PINUS ELLIOTTII `DENSA`	SLASH PINE	N.A.		10-12` OA	Y		FULL CANOPY; PLANTED IN PRESERVE
PE3	5	PINUS ELLIOTTII `DENSA`	SLASH PINE	N.A.		8-10` OA	Y		FULL CANOPY
PP	4	POLYALTHIA LONGIFOLIA PENDULA	INDIAN MAST TREE	45 GAL	2" CAL. MIN	12`-14` HT.	N		FULL & THICK, MATCHED
QV	538	QUERCUS VIRGINIANA	LIVE OAK	30 GAL. OR F.G.	2" CAL. MIN	12` HT. X 5` SPRD.	Y		FULL CANOPY, 4` CT MIN.
QV24	2	QUERCUS VIRGINIANA `CATHEDRAL` ~	CATHEDRAL LIVE OAK	FIELD GROWN	8-10" CAL.	25` x 25`	Y	Y	SINGLE, STRAIGHT TRUNK. FULL CANOPY, SYMMETRICAL. 6` CT MIN.
TH	29	TABEBUIA HETEROPHYLLA	PINK TABEBUIA	45 GAL	2" CAL. MIN	12` HT X 4`-5` SPRD	N		FULL CANOPY, 4` CT

PALM TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	LOW MAINT	REMARKS
CH1	12	CHAMAEROPS HUMILIS ~	EUROPEAN FAN PALM	FIELD GROWN	N.A.	5`-6` O.A.		N	3 STEMS MIN., 2` STEM FOOTAGE PER TRUNK; LIMB UP 2`. FULL & THICK, MATCHED.
LN	13	LIVISTONA NITIDA ^	NITIDA PALM	FIELD GROWN	N.A.	14`-16` OA			FULL CANOPY, DIAMOND CUT, FLORIDA FANCY.
PHM	6	PHOENIX DACTYLIFERA `MEDJOOL`	MEDJOOL DATE PALM	FIELD GROWN	N.A.	10`-12` WD.	N		STRAIGHT TRUNK, FULL CANOPY, DIAMOND CUT. HT.
RE22	33	ROYSTONEA REGIA	ROYAL PALM	FG	N/A	22` C.T.	Y		FULL HEAD, HEAVY CALIPER, FLORIDA #1 OR BETTER
SPC	65	SABAL PALMETTO	CABBAGE PALM	FIELD GROWN	N.A.	14`, 18`, 22` CT., STGG.			SLICK, CURVED TRUNK, STAGGER HEIGHTS IN CLUSTERS
SP	208	SABAL PALMETTO	CABBAGE PALM	N.A.	N.A.	14`, 18`, 22` STGG.	Y		RELOCATED FROM ON SITE
TR2	12	THRINAX RADIATA	FLORIDA THATCH PALM	FG	N.A.	8` - 10` HT.	Y		FULL & THICK.
AD3	20	VEITCHIA MERRILLII-ADONIDIA	TRIPLE CHRISTMAS PALM	FIELD GROWN	N.A.	12`-14` HT.	N	N	FULL CANOPY, TRIPLE TRUNK
VM2	14	VEITCHIA MONTGOMERYANA	DOUBLE MONTGOMERY PALM	FIELD GROWN	N.A.	14`-16` OA			FULL CANOPY, DOUBLE TRUNK

SIGNATURE PALM	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	LOW MAINT	REMARKS
XP	36	X BUTIAGRUS NABONNANDII	MULE PALM	FG		8` CT.			MATCHING

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACE	NATIVE	LOW MAINT	REMARKS
AGG	18	AGAVE AMERICANA `GAINESVILLE BLUE`	GAINESVILLE BLUE AGAVE	30 GAL		4`-5` O.A. X 3`-4` SPRD.	A.S.	N		FULL & THICK
CIR	763	CHRYSOBALANUS ICACO `RED TIP`	RED TIP COCOPLUM	7 GAL		3` X 3`	3` O.C.	Y		FULL
CLD15	240	CLUSIA GUTTIFERA	CLUSIA	15 GAL		6` HT, X 3` SPRD.	3` O.C.	N		FULL & THICK
PM7	88	PODOCARPUS MAKII	PODOCARPUS	7 GAL		3` X 2`	2` O.C.	N		FULL & THICK
PM15	124	PODOCARPUS MAKII~	PODOCARPUS	15 GAL		5` O.A., 2` SPRD	2` O.C.	N		FULL & THICK
PM30	14	PODOCARPUS MAKII~	PODOCARPUS	30 gal		6` X 3`	3` O.C.	N	N	FULL & THICK. SHRUB FORM
TJ	42	TRACHELOSPERMUM JASMINOIDES	JASMINE VINE	25 GAL		10-12` O.A.	A.S.			CLIMBING

GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACE	NATIVE	LOW MAINT	REMARKS



Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	Tag	Luminaire Lumens	Total Watts	Mounting Height
	34	GWC-SA2A-827-U-SL4-HSS-WALL	SINGLE	1.000	GWC-SA2A-827-U-SL4-HSS	66	WP1	5802	2244	10, 18, 20
	2	GLEON-SA4A-827-U-SL4-HSS-POLE	SINGLE	1.000	GLEON-SA4A-827-U-SL4-HSS	129	SP1	11216	258	20, 25
	32	GLEON-SA4A-827-U-SL4-HSS-POLE_BB	BACK-BACK	1.000	GLEON-SA4A-827-U-SL4-HSS-BB	129	SP2	11216	8256	20, 25
	3	GLEON-SA4C-827-U-SL4-HSS	SINGLE	1.000	GLEON-SA4C-827-U-SL4-HSS	225	SP3	17023	675	20, 25
	14	GWC-SA2C-827-U-SL4-HSS	SINGLE	1.000	GWC-SA2C-827-U-SL4-HSS	111	WP2	8807	1554	18, 25
	1	GLEON-SA6C-827-U-T4FT-HSS	SINGLE	1.000	GLEON-SA6C-827-U-T4FT-HSS	333	SP5	22084	333	18
	50	GWC-SA2B-827-U-T4FT	SINGLE	1.000	GWC-SA2B-827-U-T4FT	85	WP3	8820	4250	15, 18
	38	GLEON-SA8C-827-U-T4FT	SINGLE	1.000	GLEON-SA8C-827-U-T4FT	445	SP8	41922	16910	25

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Back Parking Lot	Illuminance	Fc	2.59	14.1	0.4	6.48	35.25
Building	Illuminance	Fc	2.45	11.2	0.4	6.13	28.00
Roadway	Illuminance	Fc	2.04	8.7	0.3	6.80	29.00

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

GLOBAL REVISION 2

RGD CONSULTING ENGINEERS
JUPITER | ORLANDO
561-743-0165 | 407-845-6630
WWW.RGDENGINEERS.COM

MEP ENGINEER: RGD CONSULTING ENGINEERS
2151 SOUTH HIGHWAY A1A ALT
SUITE 2000, JUPITER, FL 33477

CLIENT: JEFF H. IRAVANI, INC
1934 COMMERCE LN-5
JUPITER, FL, 33458

DATE 2.24.22

REVISIONS:

NO.	DESCRIPTION	DATE
1	UPDATED PHOTOMETRICS	02.04.2022
2	UPDATED PHOTOMETRICS	02.24.2022

KEY PLAN
AREA DESCRIPTION
N

PROJECT ADDRESS:
KINGS HIGHWAY COMMERCE PARK
FORT PIERCE, FLORIDA

PROJECT NAME:
KINGS HIGHWAY
COMMERCE PARK PHASE I

DATE: 02/24/2022

RGD PROJ. NO: 21-1089

SCALE: AS SHOWN

DRAWN:

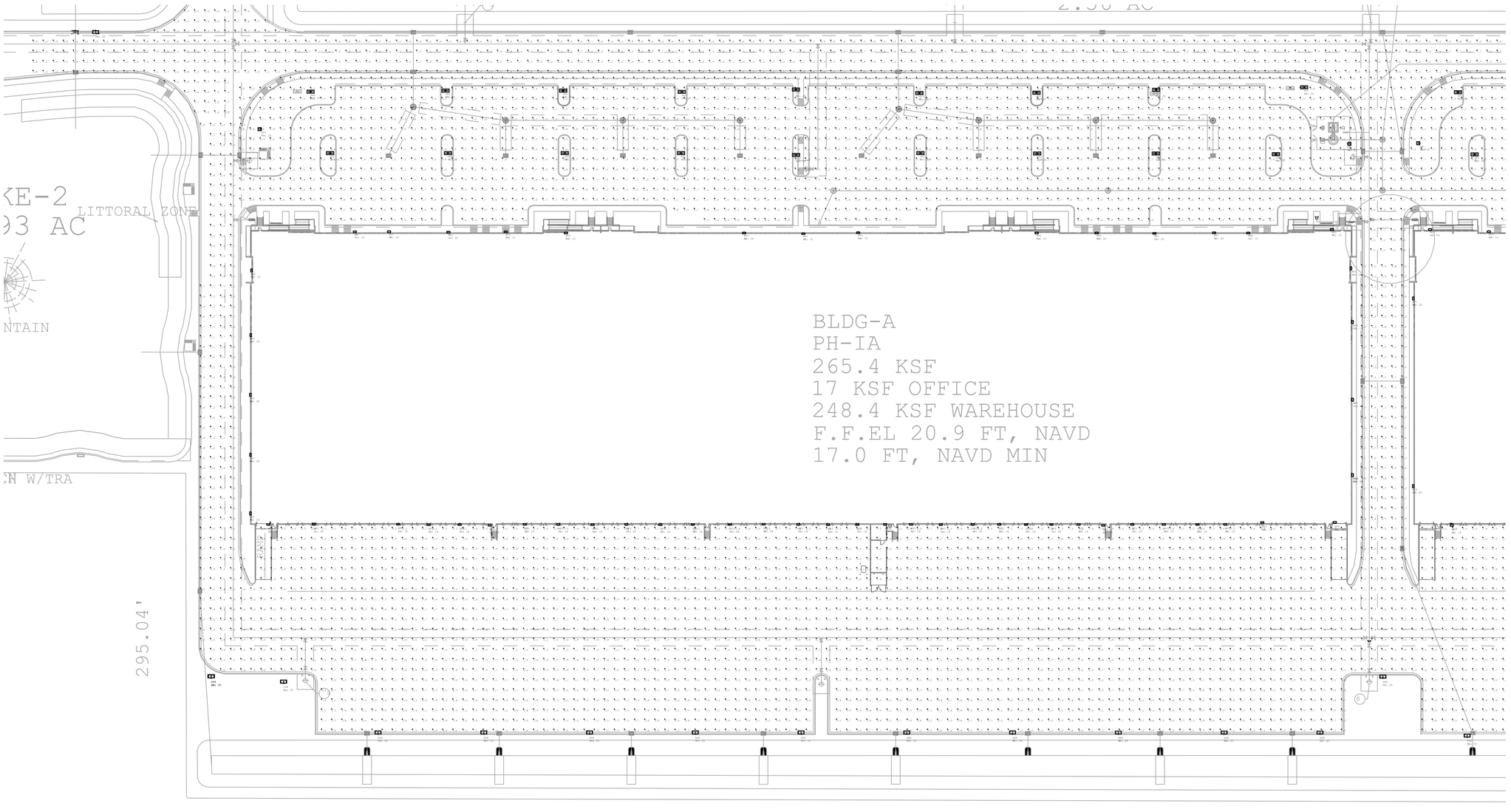
CHECKED:

SHEET NAME:
PHOTOMETRIC PLAN

SHEET NO.
E0.1

PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

These Drawings are NOT VALID for any purpose which requires the original signature and seal of the engineer unless the original signature and seal are affixed. Drawings not signed and sealed by the engineer shall not be submitted to any authority or used for any purpose where signed and sealed documents are required.



1 ENLARGED PLAN - BUILDING A

SCALE: 1/4" = 1'-0"

GLOBAL REVISION 1

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REVISIONS:

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2	UPDATED PHOTOMETRICS	02.24.2022

KEY PLAN
AREA DESCRIPTION

N

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KINGS HIGHWAY COMMERCE PARK
FORT PIERCE, FLORIDA

PROJECT NAME:
KINGS HIGHWAY
COMMERCE PARK PHASE I

DATE: 02/24/2022

RGD PROJ. NO: 21-1089

SCALE: AS SHOWN

DRAWN:

CHECKED:

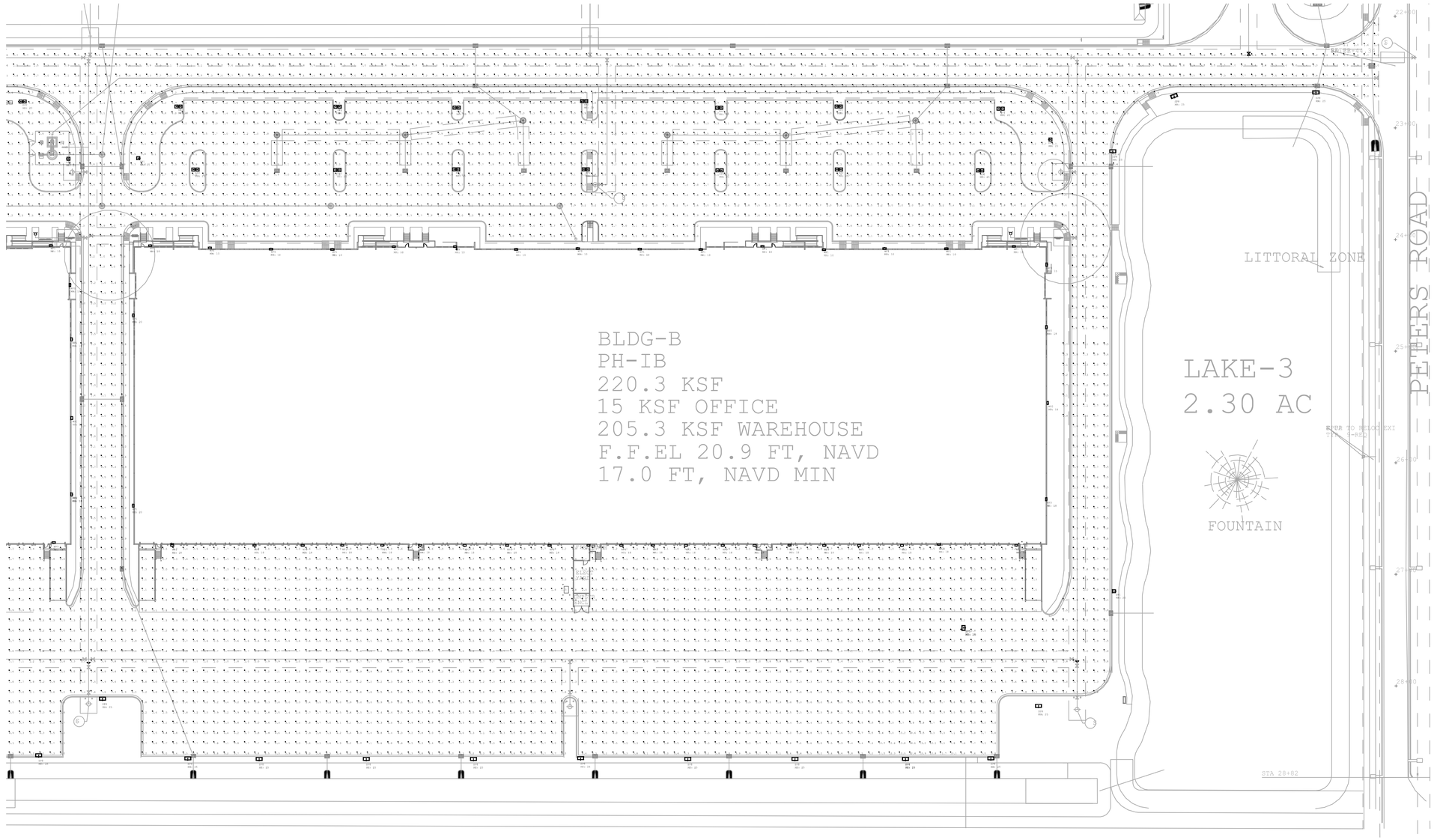
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ENLARGED PLAN - BUILDING A

SHEET NO. E0.1A

PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

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1 ENLARGED PLAN - BUILDING B
SCALE: 1/4" = 1'-0"

GLOBAL REVISION 1

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561-743-0165 | 407-845-6630
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MEP ENGINEER: RGD CONSULTING ENGINEERS
2151 SOUTH HIGHWAY A1A ALT
SUITE 2000, JUPITER, FL 33477

CLIENT: JEFF H. IRAVANI, INC
1934 COMMERCE LN-5
JUPITER, FL, 33458

DATE 2.24.22

REVISIONS:

NO.	DESCRIPTION	DATE
1	UPDATED PHOTOMETRICS	02.04.2022
2	UPDATED PHOTOMETRICS	02.24.2022

KEY PLAN
AREA DESCRIPTION

N

PROJECT ADDRESS:
KINGS HIGHWAY COMMERCE PARK
FORT PIERCE, FLORIDA

PROJECT NAME:
KINGS HIGHWAY
COMMERCE PARK PHASE I

DATE: 02/24/2022

RGD PROJ. NO: 21-1089

SCALE: AS SHOWN

DRAWN:

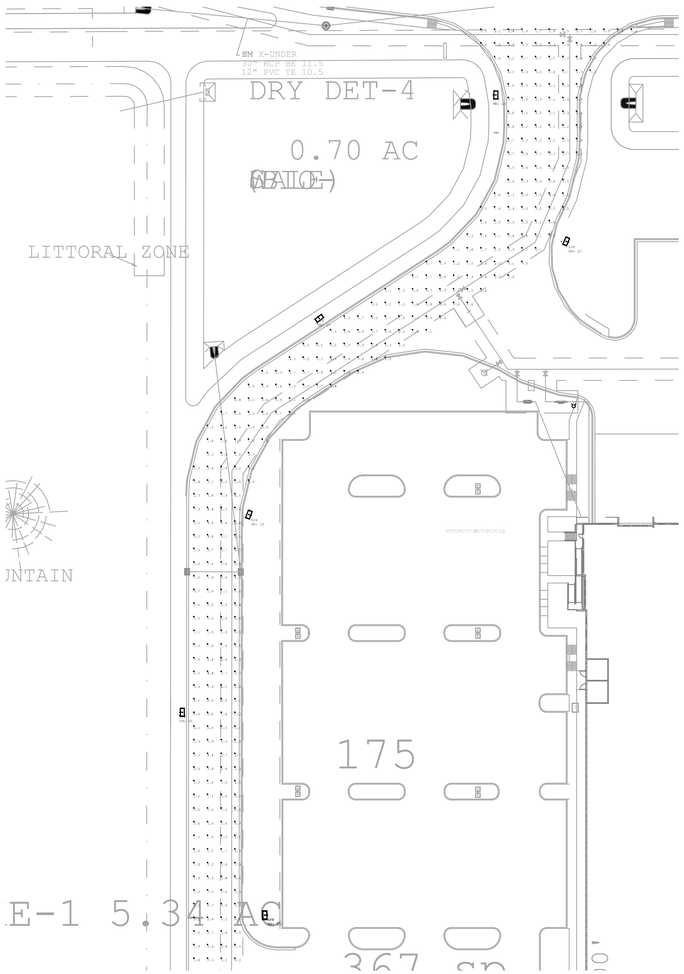
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ENLARGED PLAN - BUILDING B

SHEET NO.
E0.1B

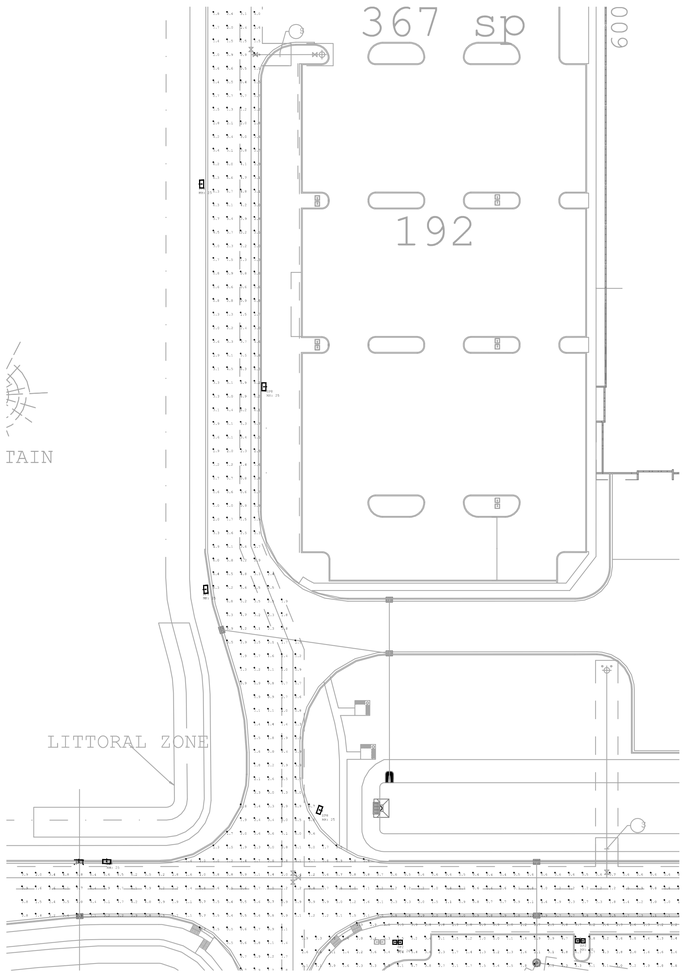
PROJECT PHASE:
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1 ENLARGED PARTIAL PLAN - ROADWAY

SCALE: 1/4" = 1'-0"



2 ENLARGED PARTIAL PLAN - ROADWAY

SCALE: 1/4" = 1' 0"

GLOBAL REVISION 1

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2151 SOUTH HIGHWAY A1A ALT
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REVISIONS:

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2	UPDATED PHOTOMETRICS	02.24.2022

KEY PLAN
AREA DESCRIPTION

N

PROJECT ADDRESS:
KINGS HIGHWAY COMMERCE PARK
FORT PIERCE, FLORIDA

PROJECT NAME:
KINGS HIGHWAY
COMMERCE PARK PHASE I

DATE: 02/24/2022

RGD PROJ. NO: 21-1089

SCALE: AS SHOWN

DRAWN:

CHECKED:

SHEET NAME:

ENLARGED PLAN - ROADWAY

SHEET NO. E0.1C

PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

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Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GLEON Galleon

Area / Site Luminaire

Typical Applications

Outdoor • Parking Lots • Walkways • Roadways • Building Areas

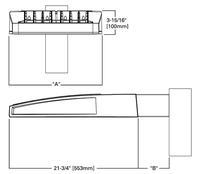
Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 9

Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt

Dimensional Details



Product Certifications

Product Features

Luminaire Technology · Adaptive · Wireless · Light Attributes®

Connected Systems

- WaveLinx
- Enlighted

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Extended Arm Length [1]	"B" Quick Mount Arm Length	"B" Quick Mount Extended Arm Length
1-4	15-1/2"	7"	10"	10-5/8"	16-9/16"
5-6	21-5/8"	7"	10"	10-5/8"	16-9/16"
7-8	27-5/8"	7"	13"	10-5/8"	--
9-10	33-3/4"	7"	16"	--	--

NOTES:
For arm selection requirements and additional line art, see Mounting Details section.

McGraw-Edison — GLEON Galleon

Ordering Information

SAMPLE NUMBER: **GLEON-SA4C-740-U-T4FT-GM**

Product Family [1]	Light Engine: Configuration	Light Engine: Drive Current	Color Temperature	Voltage	Distribution	Mounting	Finish
GLEON=Galleon	**SA1**=1 Square **SA2**=2 Squares **SA3**=3 Squares **SA4**=4 Squares **SA5**=5 Squares [4] **SA6**=6 Squares [4] **SA7**=7 Squares [4] **SA8**=8 Squares [4] **SA9**=9 Squares [4] **SA0**=10 Squares [4]	**A**=400mA **B**=800mA **C**=1000mA **D**=1200mA [4]	**722**=702CRI, 2200K **727**=70CRI, 2700K **730**=70CRI, 3000K **735**=70CRI, 3500K **740**=70CRI, 4000K **750**=70CRI, 5000K **760**=70CRI, 6000K **827**=80CRI, 2700K **830**=80CRI, 3000K **AMB**=Amber, 590nm [14, 15]	**U**=120-277V 1=120V 2=208V 3=240V 4=277V 8=480V [4] 9=347V [4]	**T2**=Type II **T2R**=Type II Roadway **T3**=Type III **T3R**=Type III Roadway **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **T5**=Type V Square **SWS**=Type V Square Medium **SWQ**=Type V Square Wide **SLX**=Type IV w/Spill Control **SL3**=Type III w/Spill Control **SL2**=Type II w/Spill Control **SLA**=Type III w/Spill Control Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **AFL**=Automotive Frontline	**[blank]**=Arm for Round or Square Pole **EA**=Extended Arm [1] **MA**=Mast Arm Adapter [14] **WM**=Wall Mount **QM**=Quick Mount Arm (Standard Length) [1] **QMEA**=Quick Mount Arm (Extended Length) [1]	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately)
DIM=External 0-10V Dimming Leads [16, 28] **F**=Single Fuse (120, 277 or 347V Specify Voltage) **FF**=Double Fuse (208, 240 or 480V. Must Specify Voltage) **10K**=10kV Surge Module **20K**=Series 20kV UL 1449 Surge Protective Device **2L**=Two Circuits [17, 18] **HA**=50°C High Ambient **HS**=Factory Installed House Side Shield [6] **GRSBK**=Glare Reducing Shield, Black [6] **GRSWH**=Glare Reducing Shield, White [6] **LCF**=Light Square Trim Painted to Match Housing [6] **MT**=Installed Mesh Top **BLK**=Factory Installed Top Plate **CC**=Coastal Construction finish [7] **L90**=Optics Rotated 90° Left **R90**=Optics Rotated 90° Right **CE**=CE Marking **AHD1**=After Hours Dim, 0 Hours [8] **AHD2**=After Hours Dim, 1 Hours [8] **AHD3**=After Hours Dim, 2 Hours [8] **AHD4**=After Hours Dim, 3 Hours [8] **DALI**=DALI Drivers [9]	**BPC**=Button Type Photocontrol **PR**=NEMA 7-PIN Photocontrol Receptacle **PR7**=NEMA 7-PIN Photocontrol Receptacle [9] **SPBD**=Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting [9,24] **SPBH**=Dimming Occupancy Sensor with Bluetooth Interface, 21' - 40' Mounting [9,24] **MS-L20**=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [9] **MS-L40W**=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [9] **MS/X-L20**=Bi-Level Motion Sensor, 9' - 20' Mounting Height [9] **MS/X-L40W**=Bi-Level Motion Sensor, 21' - 40' Mounting Height [9,10] **MS/DIM-L20**=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [9] **MS/DIM-L40W**=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [9,10] **ZW**=WaveLinx Module and 4-PIN Receptacle **ZD**=WaveLinx Module with DALI driver and 4-PIN Receptacle **SWPDXD**=WaveLinx Sensor Only, 8' - 20' [9,11] **SWPDXE4**=WaveLinx Sensor Only, 21'-40' [9,11,12] **SWPDXEA**=WaveLinx Sensor Only, 7'-12' [9,11,13] **WSBXD**=WaveLinx Sensor with Bluetooth, 8' - 20' [9,11] **WSBXE**=WaveLinx Sensor with Bluetooth, 21'-40' [9,11,12] **WSBXF**=WaveLinx Sensor with Bluetooth, 7'-12' [9,11,13] **WOPXX**=WaveLinx Sensor with Bluetooth, 15'-40' [9,11,14] **LWR-LW**=Enlighted Sensor, 8'-16' Mounting Height [9] **LWR-LH**=Enlighted Sensor, 16'-40' Mounting Height [9] **DIM15-MS/DIM-L05**=Synapse Occupancy Sensor (<8' Mounting) [9] **DIM15-MS/DIM-L20**=Synapse Occupancy Sensor (9'-20' Mounting) [9] **DIM15-MS/DIM-L40**=Synapse Occupancy Sensor (21'-40' Mounting) [9]	**GA/RA1810**=NEMA Photocontrol Multi-Tap 105-285V [29] **GA/RA1820**=NEMA Photocontrol - 208V **GA/RA1830**=NEMA Photocontrol - 347V **GA/RA1810**=Photocontrol Shorting Cap **GA/RA1814**=120V Photocontrol **MA1202**=10kV Surge Module Replacement **MA1026-XX**=Single Tenon Adapter for 2-3/8" O.D. Tenon **MA1037-XX**=(3@180° Tenon Adapter for 2-3/8" O.D. Tenon **MA1038-XX**=(4@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1188-XX**=(4@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1189-XX**=(2@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1190-XX**=(3@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1191-XX**=(3@120° Tenon Adapter for 2-3/8" O.D. Tenon **MA1039-XX**=Single Tenon Adapter for 3-1/2" O.D. Tenon **MA1040-XX**=(2@180° Tenon Adapter for 3-1/2" O.D. Tenon **MA1193-XX**=(3@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1153-XX**=(4@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1194-XX**=(2@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1195-XX**=(3@90° Tenon Adapter for 3-1/2" O.D. Tenon **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [34] **GLEON-MT1**=Field Installed Mesh Top for 1-4 Light Squares **GLEON-MT2**=Field Installed Mesh Top for 5-6 Light Squares **GLEON-MT3**=Field Installed Mesh Top for 7-8 Light Squares **GLEON-MT4**=Field Installed Mesh Top for 9-10 Light Squares **GLEON-QM**=Quick Mount Arm Kit [1] **GLEON-QMEA**=Quick Mount Extended Arm Kit [1] **LSHSS**=Field Installed House Side Shield [6,26] **LSGRSBK**=Glare Reducing Shield, Black [6,26] **LSGRSWH**=Glare Reducing Shield, White [6,26] **LSPFS**=Perimeter Shield, Black **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [34] **WGL-CP-18A**=WaveLinx Outdoor Control Module (7-pin) [9,26] **SWPDX-XX**=Wavelinx Wireless Sensor, 7' – 12' Mounting Height [9,26,31,32] **SWPDX-XX**=Wavelinx Wireless Sensor, 13' – 40' Mounting Height [9,26,31,33]

NOTES:
1. Luminaire is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to Enlighted's paper WP012109TEN for additional support information.
2. Ambient lights Conversion™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with SWS, SWQ, SLX.
4. Not compatible with 8EA 9-LED or MD/L-LX sensors.
5. Not compatible with extended quick mount arm (QMEA).
6. Not compatible with extended quick mount arm (QMEA), or extended quick mount arm (QMEA).
7. Requires the use of an internal step down transformer when combined with sensor options, Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A.
8. Reserved.
9. Cannot be used with other control options.
10. Low voltage control leads extended 18" from fixture.
11. Not available in 1200mA. When used with CSP or HA options, only available with single light square.
12. Not available in 1200mA, UFL or CSP options. Available with single light square.
13. Not available in 1200mA, UFL or CSP options. Available with 1 light square.
14. Operates a single light square only. Operates at -30°C to +40°C. Ranges to +50°C rated. Control option limited to BPC.
15. Compatible with standard 5-PIN photocontrols, 5-PIN or 7-PIN ANSI controls.
16. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See Alter Hours Dim supplemental guide for additional information.
17. The FSIR-100 configuration tool is required to adjust parameters such as high and low modes, sensitivity, time delay and cutoff. Consult your lighting representative at Cooper Lighting Solutions for more information.
18. Replace LX-A with LW-A (4' mounting), L30 (8'-20' mounting) or L40W (21'-40' mounting.)
19. Includes integral photosensor.
20. Not available with Enlighted wireless sensors.
21. Cannot be used with other control options.
22. Low voltage control lead brought out 18" outside fixture.
23. Not available if any "WO" sensor is selected. Motion sensor has an integral photocell.
24. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See Alter Hours Dim supplemental guide for additional information.
25. Not for use with SWS, SWQ, SWQ or RW optics. The light square trim plate is painted to match the housing unless selected.
26. CE is not available with the 120V, DALI, LWR, WS, WS/DIM, BPC, PR or PR7 options. Available in 120-277V only.
27. Not for use with light squares.
28. Requires PR7.
29. Cannot be used in conjunction with additional photocontrol or other controls systems (BPC, PR, PR7, WS, LWR).
30. WAC Gateway required to enable field configurability. Order WAC-PoE and WPOE-120 (10' to PoE injector) power supply if needed.
31. Requires 2W or 2D receptacle.
32. Replace XX with sensor color (WH, BZ, or BK).
33. Specify 120V or 277V.
34. Smart device with mobile application required to change system defaults. See controls section for details.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul
L=LumenSafe Technology	**D**=Standard Dome Camera **H**=Hi-Res Dome Camera **J**=Remote PTZ Camera	**C**=Cellular, No SIM **A**=Cellular, AT&T **V**=Cellular, Verizon **S**=Cellular, Sprint	**R**=Cellular, Rogers **W**=Wi-Fi Networking w/ Omni-Directional Antenna **E**=Ethernet Networking

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GWC Galleon Wall

Wall Mount Luminaire

Typical Applications

Exterior Wall • Walkway

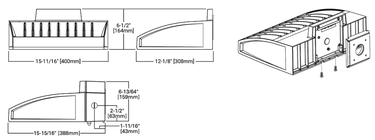
Interactive Menu

- Ordering Information page 2
- Product Specifications page 2
- Optical Configurations page 3
- Energy and Performance Data page 4
- Control Options page 6

Quick Facts

- Choice of thirteen high-efficiency, patented AccuLED Optics™
- Downward and inverted wall mounting configurations
- Eight lumen packages from 3,215 up to 17,056
- Efficacies up to 154 lumens per watt

Dimensional Details



Product Certifications

Connected Systems

- WaveLinx
- Enlighted

McGraw-Edison — GWC Galleon Wall

Ordering Information

SAMPLE NUMBER: **GWC-SA2C-740-U-T4FT-GM**

Product Family [1]	Light Engine: Configuration	Light Engine: Drive Current	Color Temperature	Voltage	Distribution	Finish
GWC=Galleon Wall	**SA1**=1 Square **SA2**=2 Squares [1]	**A**=515mA **B**=800mA **C**=1000mA **D**=1200mA [4]	**722**=702CRI, 2200K **727**=70CRI, 2700K **730**=70CRI, 3000K **735**=70CRI, 3500K **740**=70CRI, 4000K **750**=70CRI, 5000K **827**=80CRI, 2700K **830**=80CRI, 3000K **AMB**=Amber, 590nm [14, 15]	**U**=120-277V 1=120V 2=208V 3=240V 4=277V 8=480V [4] 9=347V [4]	**T2**=Type II **T3**=Type III **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **SLX**=Type IV w/Spill Control **SL3**=Type III w/Spill Control **SL2**=Type II w/Spill Control **SLA**=Type III w/Spill Control Left **SLR**=Type III w/Spill Control Right **SWS**=Type V Square Narrow **SWQ**=Type V Square Medium **SWD**=Type V Square Wide	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately)
F=Single Fused (120, 277 or 347V. Must Specify Voltage) **FF**=Double Fused (208, 240 or 480V. Must Specify Voltage) **10K**=10kV Surge Module **20K**=Series 20kV UL 1449 Surge Protective Device **DIM**=External 0-10V Dimming Leads [16, 28] **EM**=Battery Pack with Back Box, Cold Weather Rated [4, 5, 16, 28] **EMP**=Battery Pack with Back Box, Cold Weather Rated, CEC-compliant [4, 5, 6, 28] **L90**=Optics Rotated 90° Left **R90**=Optics Rotated 90° Right **HSS**=Factory Installed House Side Shield [6] **GRSBK**=Factory Installed Glare Shield, Black [6, 7] **GRSWH**=Factory Installed Glare Shield, White [6, 7] **UPL**=Uplight Housing [8] **MT**=Factory Installed Mesh Top **LCF**=Light Square Trim Piece Painted to Match Housing [6] **MT**=Factory Installed Mesh Top **CC**=Coastal Construction finish [9] **CE**=CE Marking and Small Terminal Block [10] **AHD1**=After Hours Dim, 0 Hours [11] **AHD2**=After Hours Dim, 1 Hours [11] **AHD3**=After Hours Dim, 2 Hours [11] **AHD4**=After Hours Dim, 3 Hours [11] **DALI**=DALI Drivers [12]	**BPC**=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) **PR**=NEMA 3-PIN Twistlock Photocontrol Receptacle **PR7**=NEMA 7-PIN Twistlock Photocontrol Receptacle [12] **SPBD**=Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting [16, 28] **SPBH**=Dimming Occupancy Sensor with Bluetooth Interface, 21' - 40' Mounting [16, 28] **SPB4**=Dimming Occupancy Sensor with Bluetooth Interface, 21'-40' Mounting [16, 28] **MS-LXH**=Motion Sensor for On/Off Operation [16, 28, 29] **MS/DIM-LXH**=Motion Sensor for Dimming Operation [16, 28, 29] **ZW**=WaveLinx Module and 4-PIN Twistlock Receptacle [16, 28] **ZD**=WaveLinx Module with DALI driver and 4-PIN Twistlock Receptacle [16, 28] **WGBXD**=WaveLinx Sensor with Bluetooth, 8' - 20' Mounting Height [16, 28] **WGBXE**=WaveLinx Sensor with Bluetooth, 21'-40' Mounting Height [16, 28] **LWR-LW**=Enlighted Wireless Sensor, Wide Lens for 8'-16' Mounting Height [16, 28] **LWR-LH**=Enlighted Wireless Sensor, Narrow Lens for 16'-40' Mounting Height [16, 28, 30]	**GA/RA1813**=Photocontrol Shorting Cap [28] **GA/RA1816**=NEMA Photocontrol - Multi-Tap 105-285V [28] **GA/RA1820**=NEMA Photocontrol - 208V **GA/RA1830**=NEMA Photocontrol - 347V **GA/RA1814**=120V Photocontrol [28] **MA1202**=10kV Surge Module Replacement **MA1026-XX**=Single Tenon Adapter for 2-3/8" O.D. Tenon **MA1037-XX**=(3@180° Tenon Adapter for 2-3/8" O.D. Tenon **MA1038-XX**=(4@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1188-XX**=(4@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1189-XX**=(2@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1190-XX**=(3@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1191-XX**=(3@120° Tenon Adapter for 2-3/8" O.D. Tenon **MA1039-XX**=Single Tenon Adapter for 3-1/2" O.D. Tenon **MA1040-XX**=(2@180° Tenon Adapter for 3-1/2" O.D. Tenon **MA1193-XX**=(3@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1153-XX**=(4@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1194-XX**=(2@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1195-XX**=(3@90° Tenon Adapter for 3-1/2" O.D. Tenon **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [34] **GWC-MT1**=Field Installed Mesh Top for 1-2 Light Squares **GWC-MT2**=Field Installed Mesh Top for 3-4 Light Squares **GWC-QM**=Quick Mount Arm Kit [1] **GWC-QMEA**=Quick Mount Extended Arm Kit [1] **LSHSS**=Field Installed House Side Shield [6, 26] **LSGRSBK**=Glare Reducing Shield, Black [6, 26] **LSGRSWH**=Glare Reducing Shield, White [6, 26] **LSPFS**=Perimeter Shield, Black **WGL-CP-18A**=WaveLinx Outdoor Control Module (7-pin) [16, 26] **SWPDX-XX**=Wavelinx Wireless Sensor, 7' – 12' Mounting Height [16, 26, 31, 32] **SWPDX-XX**=Wavelinx Wireless Sensor, 13' – 40' Mounting Height [16, 26, 31, 33]

NOTES:
1. DesignLight ConsortiumⓇ Qualified. Refer to www.designlights.org, Qualified Products List under Family Models for details.
2. Two light squares with CSP options limited to 25°C. Not available in combination with sensor options at 1200mA.
3. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with SWS, SWQ, SLX, SL3 and SL4 distributions. Can be used with HSS option.
4. Not available with HA option.
5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with SWS, SWQ, SLX.
6. Requires the use of a step down transformer. Not available in combination with sensor options at 1200mA.
7. 480V must use Wye system only. Per NEC, not for use with ungrounded systems, impedance-grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
8. Reserved.
9. Cannot be used with other control options.
10. Low voltage control leads extended 18" from fixture.
11. Not available in 1200mA. When used with CSP or HA options, only available with single light square.
12. Not available in 1200mA, UFL or CSP options. Available with single light square.
13. Not available in 1200mA, UFL or CSP options. Available with 1 light square.
14. Operates a single light square only. Operates at -30°C to +40°C. Ranges to +50°C rated. Control option limited to BPC.
15. Compatible with standard 5-PIN photocontrols, 5-PIN or 7-PIN ANSI controls.
16. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See Alter Hours Dim supplemental guide for additional information.
17. The FSIR-100 configuration tool is required to adjust parameters such as high and low modes, sensitivity, time delay and cutoff. Consult your lighting representative at Cooper Lighting Solutions for more information.
18. Replace LX-A with LW-A (4' mounting), L30 (8'-20' mounting) or L40W (21'-40' mounting.)
19. Includes integral photosensor.
20. Enlighted wireless sensors are factory installed requiring network components in appropriate quantities.
21. White sensor shipped on all housing color options.
22. Not available with HSS or GRS options.
23. Not for use with SWS, SWQ, SWQ or RW optics. The light square trim plate is painted to match the housing unless selected.
24. CE is not available with the 120V, DALI, LWR, WS, WS/DIM, BPC, PR or PR7 options. Available in 120-277V only.
25. One required for each light square.
26. Requires PR7.
27. Not for use with T4FT, T4W or SL4 optics.
28. Cannot be used in conjunction with additional photocontrol or other controls systems (BPC, PR, PR7, WS, LWR).
29. WAC Gateway required to enable field configurability. Order WAC-PoE and WPOE-120 (10' to PoE injector) power supply if needed.
30. Requires 2W or 2D receptacle.
31. Replace XX with sensor color (WH, BZ, or BK).
32. Specify 120V or 277V.
33. Smart device with mobile application required to change system defaults. See controls section for details.

Product Specifications

Construction
- Driver enclosure thermally isolated from optics for optimal thermal performance
- Die-cast aluminum heat sinks
- IP66 rated housing
- 1.5G vibration rated

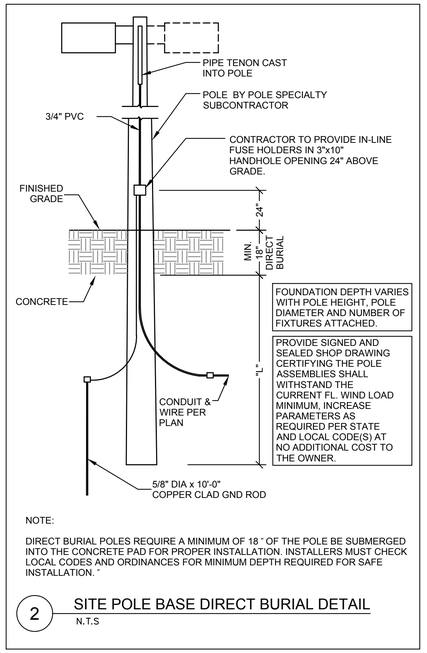
Optics
- Patented, high-efficiency injection-molded AccuLED Optics technology
- 13 optical distributions
- IDA Certified (3000K CCT and warmer only)

Electrical
- LED driver assembly mounted for ease of maintenance
- Standard with 0-10V dimming
- Optional 10kV or 20kV surge module
- Suitable for operation in -40C to 40C ambient environments. Optional 50C high ambient (HA) configuration.

Mounting
- Gasketed and zinc plated rigid steel mounting attachment
- "Hook-N-Lock" mechanism for easy installation

Finish
- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is powder coated black
- RAL and custom color matches available
- Coastal Construction (CC) option available

Warranty
- Five-year warranty



NOTE:

DIRECT BURIAL POLES REQUIRE A MINIMUM OF 18 " OF THE POLE BE SUBMERGED INTO THE CONCRETE PAD FOR PROPER INSTALLATION. INSTALLERS MUST CHECK LOCAL CODES AND ORDINANCES FOR MINIMUM DEPTH REQUIRED FOR SAFE INSTALLATION. "

2 SITE POLE BASE DIRECT BURIAL DETAIL

N.T.S

1 DATA SHEETS AND DETAILS

SCALE: NTS

RGD CONSULTING ENGINEERS

JUPITER | ORLANDO
561-743-0165 | 407-845-6630
WWW.RGDENGINEERS.COM

MEP ENGINEER: RGD CONSULTING ENGINEERS
2151 SOUTH HIGHWAY A1A ALT
SUITE 2000, JUPITER, FL 33477

CLIENT: JEFF H. IRAVANI, INC
1934 COMMERCE LN-5
JUPITER, FL, 33458

DATE 2.24.22

REVISIONS:

NO.	DESCRIPTION	DATE
1	UPDATED PHOTOMETRICS	02.04.2022
2	UPDATED PHOTOMETRICS	02.24.2022

KEY PLAN
AREA DESCRIPTION

N

PROJECT ADDRESS:
KINGS HIGHWAY COMMERCE PARK
FORT PIERCE, FLORIDA

PROJECT NAME:
KINGS HIGHWAY
COMMERCE PARK PHASE I

DATE: 02/24/2022

RGD PROJ. NO: 21-1089

SCALE: AS SHOWN

DRAWN:

CHECKED:

SHEET NAME:

DATA SHEETS AND DETAILS

SHEET NO. E0.2

PROJECT PHASE:

100% CONSTRUCTION DOCUMENTS

These Drawings are NOT VALID for any purpose which requires the original signature and seal of the engineer unless the original signature and seal are affixed. Drawings not signed and sealed by the engineer shall not be submitted to any authority or used for any purpose where signed and sealed documents are required.

UNITY OF TITLE

BY THESE PRESENTS, Scannell Properties #533, LLC, an Indiana limited liability company, hereinafter referred to as "Owner," for good and valuable consideration hereby agrees to restrict the use of lands more particularly described in Exhibit "A" attached hereto in the following manner:

1. That said property shall be considered as one plot and parcel of land and that no portion of said plot and parcel of land shall be sold, transferred, devised, or assigned separately except in its entirety as one plot or parcel of land.

2. The undersigned further agrees that this condition, restriction and limitation shall be deemed a covenant running with the land, and shall remain in full force and effect and be binding upon the undersigned, their heirs and assigns until such time as the same may be released in writing by the City Commission for the City of Fort Pierce, Florida.

3. The undersigned further agrees that this instrument shall be recorded in the Public Records of St. Lucie County.

Signed, sealed, executed and acknowledged on the 10th day of February, 2022, in Marion County, Indiana.

Witnesses:

Signature

Shannon Parkhurst
Printed Name

Julie Troha
Signature

Julie Troha
Printed Name

Owner:

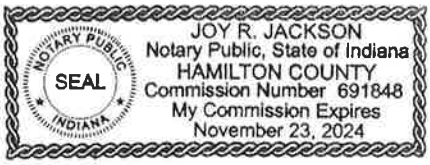
Scannell Properties #533, LLC

BY: _____
Marc Pfleging, Manager

STATE OF INDIANA
COUNTY OF MARION

I hereby certify that the foregoing instrument was acknowledged before me this 10th day of February, 2022, by Marc Pfleging, Manager of Scannell Properties #533, LLC. He is (X) personally known to me or ( ) has produced _____ as identification.

NOTARY PUBLIC



Joy R. Jackson

Name Printed:
My Commission Expires: 11/23/24

EXHIBIT “A”

EXHIBIT A

LEGAL DESCRIPTION

Tract I

A parcel of land lying in Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida, more particularly described as follows:

The South 400 feet of the North 903.20 feet of the East 750 feet of the West 775 feet.

Together with the South 35.30 feet of the North 938.50 feet of the East 750 feet of the West 775 feet;

Less the South 35.30 feet of the North 538.50 feet of the East 750 feet of the West 775 feet.

ALL Less any road rights of way and canal rights of way.

Tract II:

Parcel 1:

The West 455.58 feet of the East 1118.54 of the North Half of the North Half of the South Half of the Northwest ¼ of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Parcel 2:

The West 1088.54 feet of the East 1118.54 of the South 264.18 feet of the South Half of the North Half of the South Half of the Northwest ¼ of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

AND

An easement and right-of-way for the purpose of ingress and egress across the following described tract of land:

The North 60 feet of the West 1088.54 feet of the East 1118.54 feet of the South ½ of the North ½ of the South ½ of the Northwest ¼ of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

The easement herein granted shall be deemed appurtenant to and run with the ownership of Parcel 1 and Parcel 2 and their respective heirs, successors and assigns in title to all or part of the Parcel 1 and Parcel 2.

Tract III:

PARCEL 1 (FEE SIMPLE ESTATE)

The Northwest Quarter of the Northwest Quarter and the West Half of the West Half of the Northeast Quarter of the Northwest Quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; LESS AND EXCEPTING there from the South 400 feet of the North 903.20 feet of the East 750 feet of the West 775 feet of said Section 24; LESS right-of-way for Kings Highway and White Road.

Together with the following described Parcel "A":

A parcel of land lying in Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; more particularly described as follows:

The South 35.30 feet of the North 538.50 feet of the East 750 feet of the West 775 feet of the Northwest Quarter of the Northwest Quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Less the following described Parcel "B":

A parcel of land lying in Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; more particularly described as follows:

The South 35.30 feet of the North 938.50 feet of the East 750 feet of the West 775 feet of the Northwest Quarter of the Northwest Quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Further LESS AND EXCEPT the lands as more particularly described in Order of Taking recorded September 29, 2016 in Official Records Book 3917, Page 899.

PARCEL 2 (NON-EXCLUSIVE EASEMENT ESTATE)

Together with the non-exclusive easement as created by that certain Grant of Easement - Sewer recorded June 20, 2005 in Official Records Book 2276, Page 2280 as modified by Modification of Easement recorded in Official Records Book 2382, Page 1131, of the Public Records of St. Lucie County, Florida.

Tract IV:

The North ½ of the South ½ of the Northwest ¼ of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida, LESS the East 1118.54 feet and the West 25 feet thereof and LESS that part taken in Stipulated Order of Taking recorded in Official Records Book 3904, Page 1474, of the Public Records of St. Lucie County, Florida.

AND

The North 60 feet of the West 1088.54 feet of the East 1118.54 feet of the South ½ of the North ½ of the South ½ of the Northwest ¼ of Section 24, Township 35 South, Range 39 East, St. Lucie, County Florida.

Tract V:

Parcel 1

The East Three Quarters (3/4) of the Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4) of Section Twenty-four (24) Township Thirty-five(35) South Range Thirty-nine (39) East, less and excepting therefrom the North 35 feet and less the East 25 feet for road rights of way and less and except parcels conveyed to Earle T. Field, Jr. and Theresa M. Field, his wife in Deed Book 206, page 141 and in Official Records Book 492, page 1228; and less parcel conveyed to Robert Langel and Lillian Langel, his wife in Deed Book 207, page 165, all of the Public Records of St. Lucie County, Florida.

Parcel 2

From the Southeast corner of the Northeast quarter of the Northwest quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; thence run North 100 feet; thence run West 25 feet to the Point of Beginning; continue West 213.71 feet; thence North 208.71 feet; thence East 213.71 feet; thence South 208.71 feet to the Point of Beginning. Less and except any portion lying in road right of way for Peters Road.

Parcel 3

From the Interior Quarter Section Corner of Section 24, Township 35 South, Range 39 East, run North along the East line of the Northwest 1/4 of said Section 1790.5 feet; thence West 25 feet to the Point of Beginning: from said Point of Beginning run West 155 feet: thence North 150 feet; thence East 155 feet; thence South 150 feet to the Point of Beginning; being a part of the Northeast 1/4 of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Parcel 4

The South 60 feet of the East 125 feet of the following described property:

The North 1/2 of NE 1/4 of SE 1/4 of the NW 1/4 of Section 24, Township 35 South, Range 39 East, the same being the North 1/2 of Lot 9, of the NW 1/4, according to the Boston and Florida Atlantic Coast Land Company's Subdivision according to the plat thereof as recorded in Plat Book 3, page 32, of the Public Records of St. Lucie County, Florida.
Less and Except the East 25 feet for Road Right of Way

Tract VI:

The North 1/2 of the NE 1/4 of the SE 1/4 of the NW 1/4, less the South 60 feet of the East 125 feet and less the East 30 feet, Section 24, Township 35 South, Range 39 East, lying and being in St. Lucie County, Florida.

Site Plan
For
Kings Highway Commerce Park
Phase-II

Section 24 Township 35S Range 39E

Fort Pierce, Florida

Developer

Scannel Properties #533, LLC

8801 River Crossing Blvd,
Suite 300,
Indianapolis, Indiana 46240

Aerial



Vicinity Map

Drawing Index

C-1	Cover Sheet
MSP-1	Master Site Plan
SP1-SP9	Site Plan
TCP-1	Truck Circulation Plan
TCP-2	Truck Circulation Plan
TCP-3	Truck Circulation Plan
TCP-4	Truck Circulation Plan

REVISIONS

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
JHI@bellsouth.net
www.JHIinc.com

Kings Highway Commerce Park
Fort Pierce, Florida

Cover Sheet

JOB NO.	2101-1355
DRAWN BY	CLJ
DESIGNED BY	JHI
SCALE	NA
DATE	01/22/21

SEAL

FR # 6986

SHEET NO.
C-1

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

WHITE ROAD

WHITE ROAD

EXIST 35' R/W

PROP 60' R/W

PROP ADD'L 25' R/W

10' UE

N89°44'28"E 2455.26

SIGN-3

DRY DET-5
2.34 AC (INCL SWALE)

N45°10'15"W
49.57'

FUTURE TRAILER PARKING

SIGN-2

DRY DET-4
2.75 AC (INCL SWALE)

LITTORAL ZONE

FOUNTAIN

KING'S HIGHWAY (SR-713)

NSLRWCD CANAL C-40

R=8511.00'
A=478.81'

N89°44'39"E
43.08'

LAKE-1
5.34 AC

R=8468.00'
A=471.37'

R=8308.00'
A=463.78'

FOUNTAIN

SIGN-1

LITTORAL ZONE

RAMP

RAMP

FIRE PUMP
ELEC ROOM

PH-III
271.8 KSF
20 KSF OFFICE
251.8 KSF WAREHOUSE

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE

PETERS ROAD

S00°04'35"E
1363.95'

DRY DET-6
2.75 AC

LAKE-2
1.93 AC

LITTORAL ZONE

30' FDOT
TEMP CONST EASMT

FOUNTAIN

N89°51'22"E
30.02'

L=45.11'
R=8264.54'

BENCH W/TRASH BIN
TYP

TRELLIS W/BENCH
TYP

BIKE RACK
6 SPACES

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

LITTORAL ZONE

LAKE-3
2.30 AC

FOUNTAIN

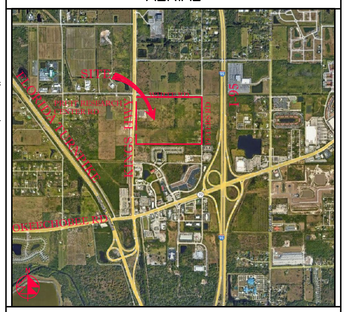
N89°50'04"W
343.82'

295.04'
N00°07'16"W

DRY DETENTION-8 2.07 AC

N89°50'03"W 2215.32'

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

100' 0 50' 100' 200'

SCALE: 1" = 100'

SITE DATA

PROPOSED USE	OFFICE/WAREHOUSE/DISTRIBUTION		
FUTURE LAND USE	CG/MXD		
EXISTING ZONING	CP-1		
PARCEL AREA	4,768,078 SF	109.46 AC	
WHITE RD PROP R/W	62,812 SF	1.44 AC	
FDOT PROP R/W	20,604 SF	0.47 AC	
PROJECT AREA	4,684,660 SF	107.55 AC	100%
BUILDOUT			
BUILDING AREA	1,508,000 SF		32.2%
OFFICE	92,000 SF		
WAREHOUSE	1,416,000 SF		
PHASE-I			
BUILDING AREA	485,700 SF		
OFFICE	32,000 SF		
WAREHOUSE	453,700 SF		
PHASE-II			
BUILDING AREA	750,500 SF		
OFFICE	40,000 SF		
WAREHOUSE	710,500 SF		
PHASE-III			
BUILDING AREA	271,800 SF		
OFFICE	20,000 SF		
WAREHOUSE	251,800 SF		

PARKING REQ PH-I				254 SP
OFFICE	ITE RATE	32,000 SF @ 2.39/KSF		77 SP
WAREHOUSE	ITE RATE	453.000 SF @ 0.39/KSF		177 SP
HANDICAP				7 SP
PARKING PROP				532 SP
HANDICAP				16 SP
LOADING REQ				17 SP
LOADING PROP				116 SP
PARKING REQ PH-II				373 SP
OFFICE	ITE RATE	40,000 SF @ 2.39/KSF		96 SP
WAREHOUSE	ITE RATE	710.500 SF @ 0.39/KSF		277 SP
HANDICAP				8 SP
PARKING PROP				623 SP
HANDICAP				13 SP
LOADING REQ				25 SP
LOADING PROP				144 SP
PARKING REQ PH-III				146 SP
OFFICE	ITE RATE	20,000 SF @ 2.39/KSF		48 SP
WAREHOUSE	ITE RATE	251,800 SF @ 0.39/KSF		98 SP
HANDICAP				5 SP
PARKING REQ PH-II & III				519 SP
PARKING PROP PH-II & III				623 SP
HANDICAP				13 SP
LOADING REQ				9 SP
LOADING PROP				46 SP
PAVT/SW	1,749,370 SF			37.3%
TOTAL IMPERVIOUS	3,257,370 SF			69.5%
LAKES	416,869 SF			8.9%
PERVIOUS	1,010,042 SF			21.6%
BLDG HEIGHT	65 FT MAX			

SETBACKS	REQ'D	PROP
FRONT	15'	485'
REAR	10'	251.6'
SIDE STREET	10'	58.6'
SIDE	20'	262'

PCN
2324-210-0000-000-6
2324-232-0000-000-4
2324-211-0002-000-3
2324-211-0001-000-6
2324-214-0001-000-5
2324-214-0002-000-2
2324-241-0003-000-3
2324-241-0002-000-6
2324-241-0004-000-0

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21
REV PER FPUA 11-30-21
REV PER SP 01-15-21
REV PH-II 02-22-2022

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Consulting Engineers
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JUPITER, FLORIDA 33458
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FAX: (561) 575-6088
EMAIL: JHI@bellsouth.net
WEBSITE: www.JHIinc.com

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

Master Site Plan

DRAWN BY: DDI
DESIGNED BY: JHI
SCALE: 1" = 100'
DATE: 01-22-2021

SEAL

SHEET NO.
MSP-1

SEE SHT SP-4

KING'S HIGHWAY (SR-713)

CANAL R/W LINE

LITTORAL ZONE

SIGN

STOP SIGN & BAR, TYP
RT TURN ONLY SIGN

R61.3'

R189.7'

TRELLIS W/ BENCH TYP

R25'

15'

34'

60'

R60'

STOP SIGN & BAR TYP

SPEED SIGN "25 MPH"

10' TYP

R61.3'

4'

5' TYP

4" CL TYP

"25 MPH SPEED LIMIT" SIGN

LAKE-2
1.93 AC

LITTORAL ZONE

FOUNTAIN

6'-1"-12"

BENCH W/TRASH BIN TYP

20' LME

GREEN PAVEMENT STRIPING PER FDOT DEV714GCPM & DEV976GCPM

50'

12'

6'

15'

125'

50'

FDOT R/W

TEMP. CONST. EASEMENT

PERMANENT EASEMENT

CONST. KINGS HWY

KINGS HWY

FDOT R/W

9.5' TYP

18' TYP

26' TYP

19' TYP

20

10

6

12

2' VCH

5' TYP

12' TYP

7'

34'

R23.7'

75'

190'

15' TYP

55'

5.1'

43'

14.4'

10'

RAMP

60'

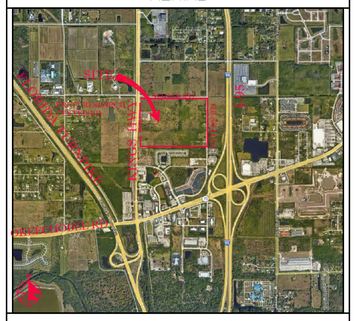
75'

248.4

F.F.

SEE SHT SP-2

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

1. SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
2. ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
3. GORE STRIPING RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT STANDARD INDEX 711-001.
4. ALL CONSTRUCTION IN FDOT R/W MUST BE PERFORMED ACCORDING TO THE APPLICABLE FDOT ROADWAY AND DRAINAGE DESIGN STANDARDS AND SPECIFICATIONS.
5. STD PARKING STALL STRIPING SHALL BE TRAFFIC PAINT ALL OTHER STRIPING & PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
6. 19"-24" DEEP ROOT BARRIERS MUST BE INSTALLED ALONG ALL CURBS & SIDEWALKS WITHIN 10' OF EXISTING OR PROPOSED TREES. (SEE LANDSCAPE PLANS).
7. SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
8. ALL HANDICAP RAMPS & DETECTABLE WARNINGS CONSTRUCTED IN ACCORD W/ DESIGN STD'S.
9. ALL CONSTRUCTION AND RESTORATION WORK WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT STANDARDS INDEX AND THE FDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.

STRIPING LEGEND	
(A)	6" SOLID WHITE
(B)	8" SOLID WHITE
(C)	12" SOLID WHITE
(D)	18" SOLID WHITE
(E)	24" SOLID WHITE
(F)	6" SKIP WHITE TYP (10'-30')
(G)	6" SKIP WHITE TYP (6'-10')
(H)	6" SKIP WHITE TYP (2'-4')
(I)	6" SOLID YELLOW
(J)	18" SOLID YELLOW
(K)	6" DOUBLE YELLOW
(L)	6" SKIP YELLOW (10'-30')
(M)	6" SKIP YELLOW TYP (6'-10')
(N)	6" SKIP YELLOW TYP (2'-4')
(P)	PRM BI-DIRECTIONAL AMBER/AMBER
(R)	FDP WHITE
(S)	FDP YELLOW
(T)	RPM BI-DIRECTIONAL WHITE/RED
(U)	RPM BI-DIRECTIONAL RED/YELLOW

LEGEND	
⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
DWM	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
B1 /AE	BORING NO. AND LOCATION
	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

02/22/2022 REV/PH-II

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Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
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WEBSITE: www.JHIinc.com
EMAIL: JHI@bellsouth.net

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

SITE PLAN

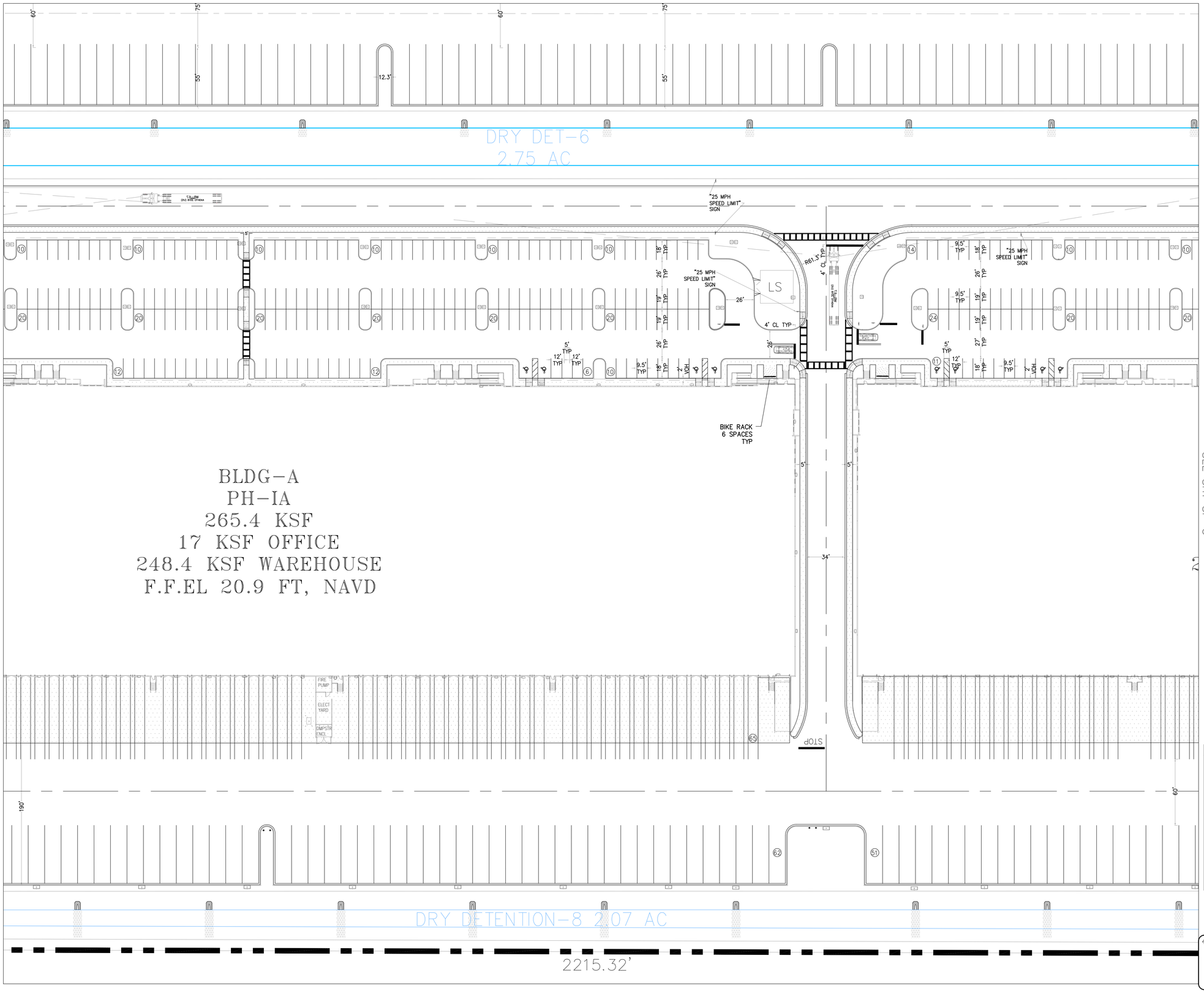
DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.
SP-1

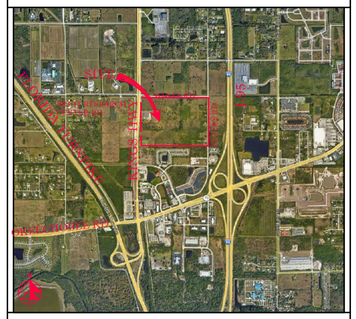
SEE SHT SP-6



SEE SHT SP-1

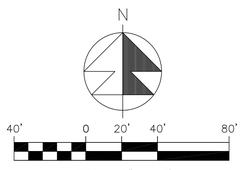
SEE SHT SP-3

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

NOTES:

1. SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
2. ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
3. GORE STRIPING RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT STANDARD INDEX 711-001.
4. ALL CONSTRUCTION IN FDOT R/W MUST BE PERFORMED ACCORDING TO THE APPLICABLE FDOT ROADWAY AND DRAINAGE DESIGN STANDARDS AND SPECIFICATIONS.
5. STD PARKING STALL STRIPING SHALL BE TRAFFIC PAINT ALL OTHER STRIPING & PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
6. 19"-24" DEEP ROOT BARRIERS MUST BE INSTALLED ALONG ALL CURBS & SIDEWALKS WITHIN 10' OF EXISTING OR PROPOSED TREES. (SEE LANDSCAPE PLANS).
7. SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
8. ALL HANDICAP RAMPS & DETECTABLE WARNINGS CONSTRUCTED IN ACCORD W/ DESIGN STD'S.
9. ALL CONSTRUCTION AND RESTORATION WORK WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT STANDARDS INDEX AND THE FDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.

STRIPING LEGEND	
(A)	6" SOLID WHITE
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(S)	FDP YELLOW
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(U)	RPM BI-DIRECTIONAL RED/YELLOW

LEGEND	
⊕19.7	PROP PAV'T EL
19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S-1	SAMPLE POINT
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02/22/2022 REV/PH-II

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

SITE PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

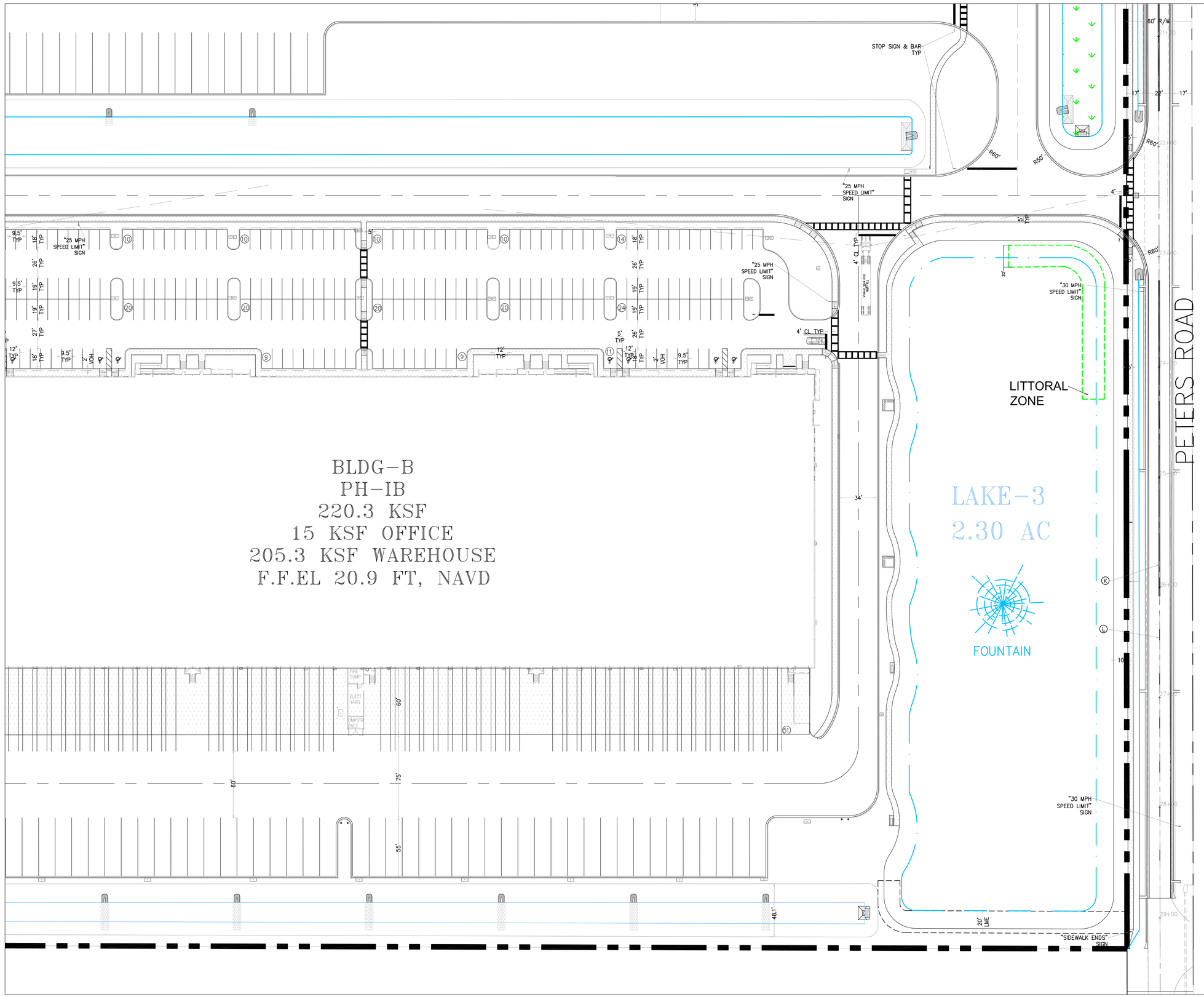
COA 6986

SHEET NO.

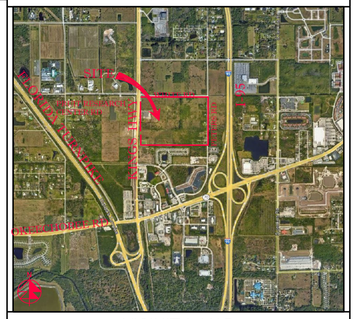
SP-2

SEE SHT SP-8

SEE SHT SP-2

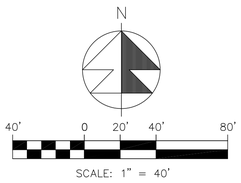


AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

NOTES:

1. SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
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LEGEND	
⊕19.7	PROP PAV'T EL
19.7	EXIST EL
	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

02/22/2022 REV/PH-II

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1934 COMMERCE LANE, SUITE 5
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WEBSITE: www.JHIinc.com
EMAIL: JHI@bellsouth.net

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

SITE PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1" = 40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.

SP-3

SEE SHT SP-5

LAKE-1
5.34 AC

STOP SIGN & BAR
TYP, 9 REQ

"25 MPH
SPEED LIMIT"
SIGN

26' TYP

FOUNTAIN

TRELLIS W/ BENCH
TYP

RAMP

LITTORAL
ZONE

SIGN
STOP SIGN & BAR, TYP
RT TURN ONLY SIGN

STOP SIGN & BAR
TYP

SPEED SIGN
"25 MPH"

"25 MPH
SPEED LIMIT"
SIGN

LAKE-2
1.93 AC

LITTORAL
ZONE

SEE SHT SP-1

SEE SHT SP-6

HIGHWAY (SR-713)

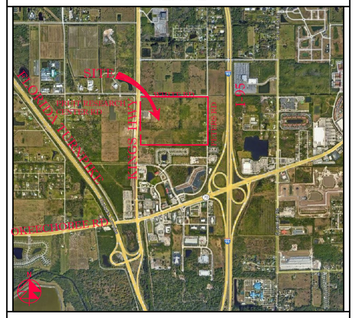
CANAL R/W LINE

E CONST-KINGS HWY

PERMANENT EASEMENT

FLOT EL

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

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SEAL

COA 6986

SHEET NO.
SP-4

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

R60'
STOP SIGN & BAR

R60'

"30 MPH SPEED LIMIT" SIGN

DETECTABLE WARNING 2 REQ'D, TYP

STOP SIGN & BAR, TYP

SIGN

SIGN

"25 MPH SPEED LIMIT" SIGN

DRY DET-4
0.70 AC
(BIO-SWALE)

LITTORAL ZONE

4.3' FDOT TEMPORARY CONSTRUCTION EASEMENT

PROPOSED FDOT R/W

GREEN PAVEMENT STRIPING PER FDOT DEV714GCPM & DEV976GCPM

FOUNTAIN

LAKE-1
5.34 AC

STOP SIGN & BAR TYP, 9 REQ

SEE SHT SP-4

SEE SHT SP-7

RAMP

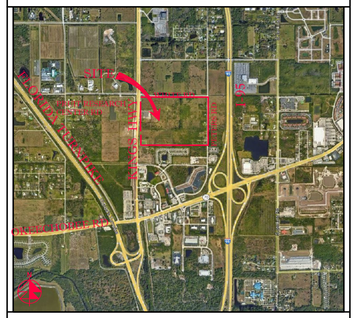
FIRE PUMP
ELEC ROOM

MOTORCYCLE MOTORCYCLE

R101.3'
R99.6'
R100'
R15'
R25'

125'
60'
75'
55'
34'
26'
10'
15'
50'

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

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40' 0 20' 40' 80'

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

SITE PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

FR#6986

SHEET NO.
SP-5

SEE SHT SP-7

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE

SEE SHT SP-4

RAMP

60'

75'

55'

12.3'

DRY DET-6
2.75 AC

"25 MPH SPEED LIMIT" SIGN

LS

4' CL TYP

R61.3' TYP

26'

18' TYP

19' TYP

9.5' TYP

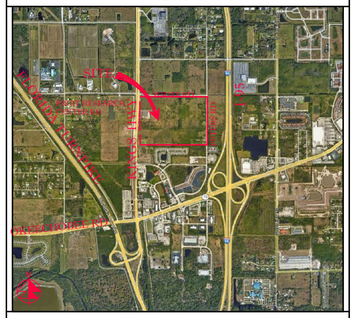
5' TYP

12' TYP

2' VOH

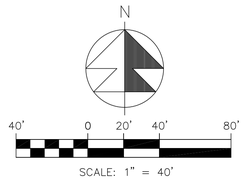
SEE SHT SP-2

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

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SEE SHT SP-8

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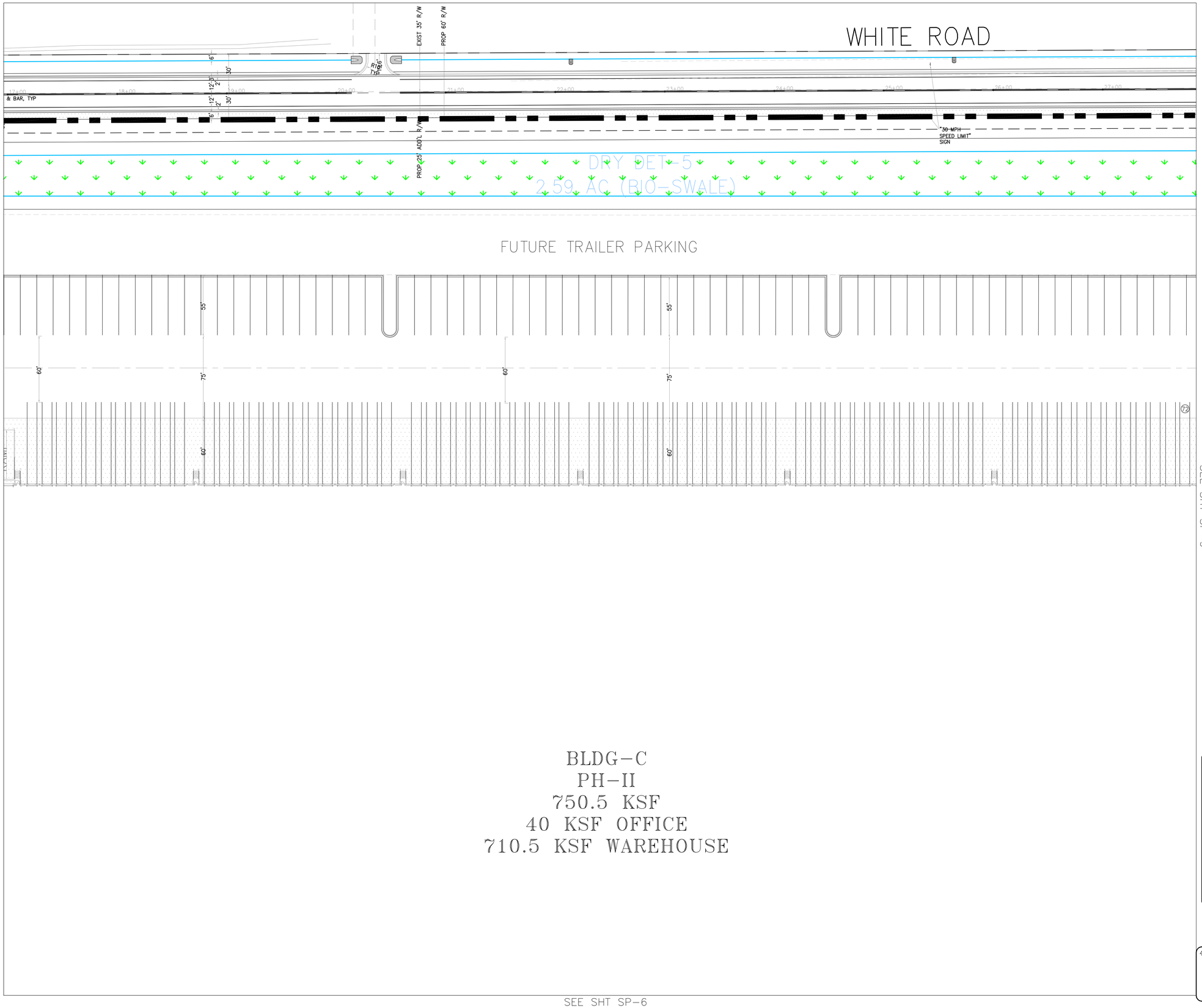
SITE PLAN

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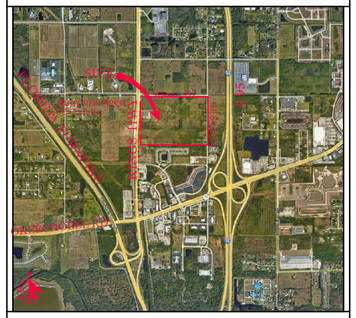
SEAL

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SHEET NO.
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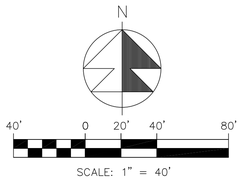


AERIAL



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SECTION 24, TWP 35S, RGE 39E



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TEL: (561) 575-6030
FAX: (561) 575-6088
EMAIL: JHI@bellsouth.net
WEBSITE: www.JHIinc.com

Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

SITE PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.
SP-7

SEE SHT SP-9

SEE SHT SP-6

PH-III
271.8 KSF
20 KSF OFFICE
251.8 KSF WAREHOUSE

"30 MPH SPEED LIMIT" SIGN

STOP SIGN & BAR TYP, 4 REQ

STOP SIGN & BAR TYP

STOP SIGN & BAR TYP

"25 MPH SPEED LIMIT" SIGN

"25 MPH SPEED LIMIT" SIGN

"30 MPH SPEED LIMIT" SIGN

RAMP

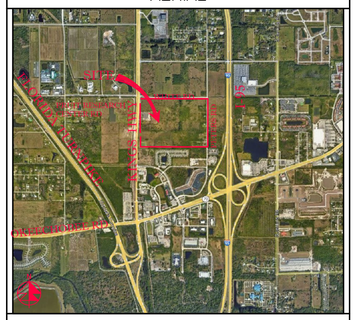
DRY DETENTION-7 1.63 AC. (BIO-

PETERS ROAD

ROAD

SEE SHT SP-3

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

NOTES:

1. SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
2. ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
3. GORE STRIPING RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT STANDARD INDEX 711-001.
4. ALL CONSTRUCTION IN FDOT R/W MUST BE PERFORMED ACCORDING TO THE APPLICABLE FDOT ROADWAY AND DRAINAGE DESIGN STANDARDS AND SPECIFICATIONS.
5. STD PARKING STALL STRIPING SHALL BE TRAFFIC PAINT ALL OTHER STRIPING & PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
6. 19"-24" DEEP ROOT BARRIERS MUST BE INSTALLED ALONG ALL CURBS & SIDEWALKS WITHIN 10' OF EXISTING OR PROPOSED TREES. (SEE LANDSCAPE PLANS).
7. SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
8. ALL HANDICAP RAMPS & DETECTABLE WARNINGS CONSTRUCTED IN ACCORD W/ DESIGN STD'S.
9. ALL CONSTRUCTION AND RESTORATION WORK WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT STANDARDS INDEX AND THE FDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.

STRIPING LEGEND	
(A)	6" SOLID WHITE
(B)	8" SOLID WHITE
(C)	12" SOLID WHITE
(D)	18" SOLID WHITE
(E)	24" SOLID WHITE
(F)	6" SKIP WHITE TYP (10'-30')
(G)	6" SKIP WHITE TYP (6'-10')
(H)	6" SKIP WHITE TYP (2'-4')
(I)	6" SOLID YELLOW
(J)	18" SOLID YELLOW
(K)	6" DOUBLE YELLOW
(L)	6" SKIP YELLOW (10'-30')
(M)	6" SKIP YELLOW TYP (6'-10')
(N)	6" SKIP YELLOW TYP (2'-4')
(P)	PRM BI-DIRECTIONAL AMBER/AMBER
(R)	FDP WHITE
(S)	FDP YELLOW
(T)	RPM BI-DIRECTIONAL WHITE/RED
(U)	RPM BI-DIRECTIONAL RED/YELLOW

LEGEND	
⊕19.7	PROP PAV'T EL
19.7	EXIST EL
✳	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TC	TOP OF CURB
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
	CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VAVLE
CO	CLEANOUT
	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
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811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS
02/22/2022 REV/PH-II

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01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.
SP-8

AD

WHITE ROAD

SEE SHT SP-7

SEE SHT SP-8

"30 MPH SPEED LIMIT" SIGN

STOP SIGN & BAR 3 REQ'D, TYP

"30 MPH SPEED LIMIT" SIGN

35'x35' SAFE CORNER

"30 MPH SPEED LIMIT" SIGN

"30 MPH SPEED LIMIT" SIGN

24" CMP CULVERT
NORTH INVERT 11.7
SOUTH INVERT 10.8

R15' TYP

R25'

R25'

R60'

60' R/W

26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00

5' 34' 38' 5' 34' 5'

10' TYP

RAMP

PH-III
271.8 KSF
20 KSF OFFICE
251.8 KSF WAREHOUSE

48' 18' 26' 19' 19' 26' 18'

R10' TYP R10' TYP R5' TYP

26' 26'

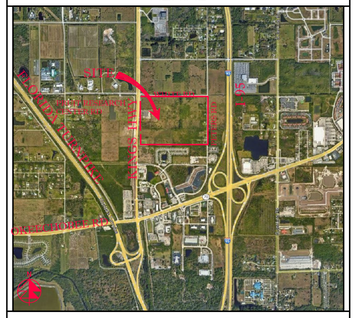
STOP SIGN & BAR TYP; 4 REQ

STOP SIGN & BAR TYP

DETENTION 7.1 AC (BIO-SWALE)

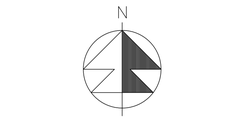
PETERS ROAD

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



SCALE: 1" = 40'

NOTES:

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LEGEND	
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19.7	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
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WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
	FIRE HYDRANT
GV	GATE VALVE
	GATE VALVE
	SIAMESE CONN.
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	DOUBLE DETECTOR CHECK VALVE
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
	SAMPLE POINT
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02/22/2022 REV/PH-II

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

SITE PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.
SP-9

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

WHITE ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

NSLRWCD CANAL C-40

PETERS ROAD

DRY DET-5
2.34 AC (TOP SWALE)

DRY DET-4
0.75 AC
(TOP SWALE)

FUTURE TRAILER PARKING

LITTORAL ZONE

FOUNTAIN

LAKE-1
5.34 AC

RAMP

FIRE PUMP
ELEC ROOM

BLDG-C
PH-II
750.5 KSF
40 KSF OFFICE
710.5 KSF WAREHOUSE

PH-III
271.8 KSF
20 KSF OFFICE
251.8 KSF WAREHOUSE

DRY DET-7
2.34 AC (TOP SWALE)

FOUNTAIN

LITTORAL ZONE

DRY DET-6
2.75 AC

LAKE-2
1.93 AC

LITTORAL ZONE

FOUNTAIN

LS

BLDG-A
PH-IA
265.4 KSF
17 KSF OFFICE
248.4 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

BLDG-B
PH-IB
220.3 KSF
15 KSF OFFICE
205.3 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD

LITTORAL ZONE

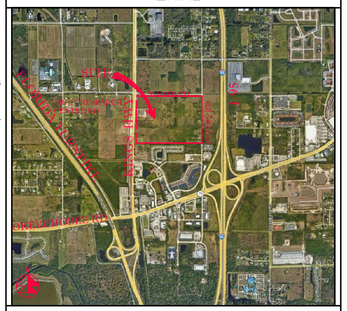
LAKE-3
2.30 AC

FOUNTAIN

DRY DETENTION-8 2.07 AC

2215.32'

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

100' 0 50' 100' 200'

SCALE: 1" = 100'

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21
REV PER FPUA 11-30-21
REV PER SP 01-15-21
REV PH-II 02-22-2022

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Kings Highway Commerce Park
Phase-II
Fort Pierce, Florida

TRUCK CIRCULATION PLAN

DRAWN BY: DDI
DESIGNED BY: JHI
SCALE: 1" = 100'
DATE: 01-22-2021

SEAL

SHEET NO.
TCP-1

KING'S HIGHWAY (SR-713)

CANAL R/W LINE

CANAL NO.40

CANAL BOTTOM

LITTORAL ZONE

LITTORAL ZONE

LAKE-2
1.93 AC

FOUNTAIN

1,025' SIGHT DISTANCE

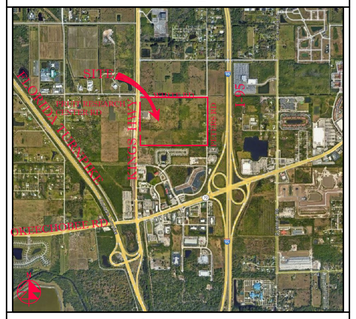
TEMP. CONST. EASEMENT

PERMANENT EASEMENT

20' LME

RAMP

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

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Kings Highway Commerce Park
Phase-II

Fort Pierce, Florida

TRUCK CIRCULATION PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

COA 6986

SHEET NO.

TCP-2

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

1,025' SIGHT DISTANCE

1,025' SIGHT DISTANCE

510' SIGHT DISTANCE

510' SIGHT DISTANCE

DRY DET-4
0.70 AC
(BIO-SWALE)

LITTORAL ZONE

43' FDOT TEMPORARY CONSTRUCTION EASEMENT

PROPOSED FDOT R/W

125'

FOUNTAIN

LAKE-1
5.34 AC

RAMP

MOTORCYCLE MOTORCYCLE

FIRE PUMP
ELEC ROOM

CANAL NO.40

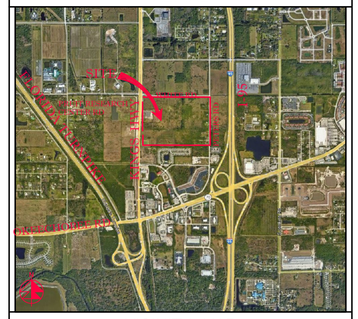
CANAL BOTTOM

CONST. KINGS HWY

PROP. R/W LINE

TEMP. CONST. EASEMENT

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

SCALE: 1" = 40'

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TRUCK CIRCULATION PLAN

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01-22-21	1" =40'	JHI	DDI	2101-1355

SEAL

FR#6986

SHEET NO.

TCP-3

PRUIT RESEARCH CENTER ROAD

WHITE ROAD

KING'S HIGHWAY (SR-713)

1,025' SIGHT DISTANCE

510' SIGHT DISTANCE

DRY DET-4
0.70 AC
(BIO-SWALE)

LITTORAL ZONE

43' FDOT TEMPORARY CONSTRUCTION EASEMENT

PROPOSED FDOT R/W

125'

FOUNTAIN

LAKE-1
5.34 AC

RAMP

FIRE PUMP
ELEC ROOM

MOTORCYCLE MOTORCYCLE

CANAL NO.40

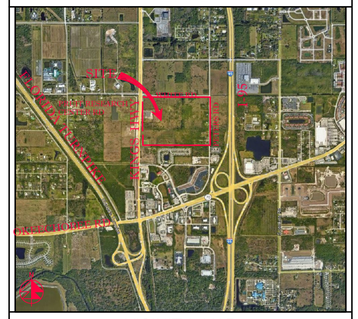
CANAL BOTTOM

CONST. KINGS HWY

TEMP. CONST. EASEMENT

PROP. R/W LINE

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

40' 0 20' 40' 80'

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Kings Highway Commerce Park
Phase-II

Fort Pierce, Florida

TRUCK CIRCULATION PLAN

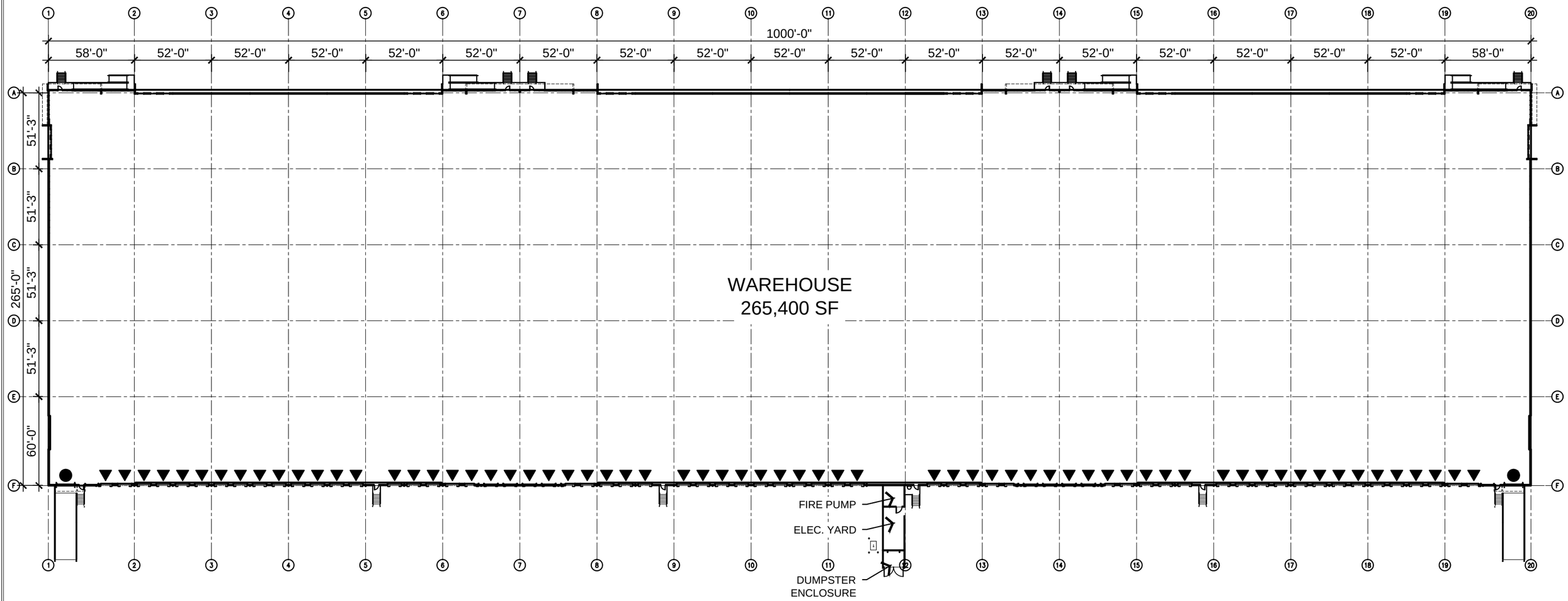
DATE	SCALE	DESIGNED BY:	DRAWN BY:	JOB NO.
01-22-21	1"=40'	JHI	DDI	2101-1355

SEAL

FR#6986

SHEET NO.

TCP-4



OVERALL FLOOR PLAN

North

SCALE:1"=80'-0"

KINGS HIGHWAY COMMERCE PARK

BUILDING A

JANUARY 28, 2022

FT. PIERCE, FLORIDA

21384

JOINT VENTURE OF:

SCANNELL PROPERTIES

LEGACY DEVELOPMENT PARTNERS

C4 ARCHITECTURE

MICHELLE R. MILLER, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4926335 OR BOOK 4688 PAGE 982, Recorded 09/21/2021 02:25:21 PM Doc Tax: $27358.80

Prepared by and return to upon recording:

Bryan W. Sykes, Esq.
Meridian Partners Law P.A.
4923 W. Cypress Street
Tampa, FL 33607

Parcel No.: 2324-210-0000-000-6

Consideration: $3,908,314.10

SPACE ABOVE RESERVED FOR RECORDING INFORMATION

SPECIAL WARRANTY DEED

This **SPECIAL WARRANTY DEED** is executed this 15th day of September, 2021, by **KINGS HIGHWAY COMMERCE PARK, LLC,** a Florida limited liability company, having an address of 18860 Loxahatchee River Road, Jupiter, Florida 33548 (hereinafter, the "Grantor"), to **SCANNELL PROPERTIES #533, LLC,** an Indiana limited liability company, having an address of 8801 River Crossing Boulevard, Suite 300, Indianapolis, Indiana 46240 (hereinafter, the "Grantee"), the foregoing sometimes being referred to herein as the "Parties".

WITNESSETH, that Grantor, for and in consideration of the sum of $10.00 and/or other valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto Grantee, all that certain land (the "Property") lying and situate in St. Lucie County, Florida, to-wit:

SEE ATTACHED EXHIBIT A.

SUBJECT TO all easements, restrictions, reservations, and limitations of record, if any, existing as of the date of this conveyance and those permitted exceptions set forth on **Exhibit B** hereof.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

Together with all buildings, fixtures and other improvements as presently located on the Property.

Together with all of Grantor's right, title and interest in and to all strips and gores, any existing or proposed streets, roadways, alleys and/or adjacent rights of way and any land lying in the bed of any street, road or alley, open or proses, adjoining the Property

TO HAVE AND TO HOLD the same in fee simple forever. Grantor hereby covenants with Grantee that Grantor is lawfully seized of the aforesaid land in fee simple, that Grantor has good right and lawful authority to sell and convey said land and Grantor hereby warrants title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under Grantor, but not otherwise.

SIGNATURE PAGE IMMEDIATELY FOLLOWS THIS PAGE

IN WITNESS WHEREOF, Grantor has signed and sealed these presents the day and year first above written.

Witnesses:

Name: Heather Neville

Name: Kaylee Marsillo

GRANTOR:

KINGS HIGHWAY COMMERCE PARK, LLC,
a Florida limited liability company

By: _____
Edward Sasso, Managing Member

STATE OF New York
COUNTY OF Jefferson

Executed and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 14 day of September, 2021 by Edward Sasso, as the Managing Member of **KINGS HIGHWAY COMMERCE PARK, LLC**, a Florida limited liability company. He ☐ is personally known to me; or ☒ produced Florida Driver License as identification.

(seal) Kelly Butcher
Notary Public, State of New York
Residing in Jefferson County
No. 01BU5075260
My Commission Expires Mar. 31 2023

Notary Public
State of Florida New York

Exhibit A
Legal Description

PARCEL 1 (FEE SIMPLE ESTATE)

The Northwest Quarter of the Northwest Quarter and the West Half of the West Half of the Northeast Quarter of the Northwest Quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; LESS AND EXCEPTING there from the South 400 feet of
the North 903.20 feet of the East 750 feet of the West 775 feet of said Section 24; LESS right-of-way for Kings Highway and White Road.

Together with the following described Parcel "A":

A parcel of land lying in Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; more particularly described as follows:
The South 35.30 feet of the North 538.50 feet of the East 750 feet of the West 775 feet of the Northwest Quarter of the Northwest Quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Less the following described Parcel "B":

A parcel of land lying in Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; more particularly described as follows:
The South 35.30 feet of the North 938.50 feet of the East 750 feet of the West 775 feet of the Northwest Quarter of the Northwest Quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Further LESS AND EXCEPT the lands as more particularly described in Order of Taking recorded September 29, 2016 in Official Records Book 3917, Page 899.

PARCEL 2 (NON-EXCLUSIVE EASEMENT ESTATE)

Together with the non-exclusive easement as created by that certain Grant of Easement - Sewer recorded June 20, 2005 in Official Records Book 2276, Page 2280 as modified by Modification of Easement recorded in Official Records Book 2382, Page 1131, of the Public Records of St. Lucie County, Florida.

Exhibit B
Permitted Exceptions

1. Taxes and assessments for the year 2021 and subsequent years, which are not yet due and payable.

2. Easement in favor of Southern Bell Telephone and Telegraph Company, recorded October 30, 1956 in Deed Book 220, Page 436, with Subordination of Utility Interests recorded in Official Records Book 3837, Page 1758, as to Parcel 1.

3. Terms and conditions of Grant of Easement - Sewer by and between Graham Groves Development, LLC, a Florida limited liability company and Steven L. Craig, as Trustee under Trust Agreement dated May 17, 1985 and Christopher Cook, as Trustee under Trust Agreement dated May 17, 1985, recorded 2276, Page 2280 as modified by Modification of Easement recorded in Official Records Book 2382, Page 1131, as to Parcels 1 and 2.

4. Agreement for Right of Way Easement with Kirco Acquisition, LLC, recorded January 9, 2009 in Official Records Book 3050, Page 1234, as to Parcel 1.

5. Easements as set forth in Order of Taking recorded September 29, 2016 in Official Records Book 3917, Page 899, as to Parcel 1.

NOTE: Notice of Environmental Resource Permit recorded December 1, 2009 in Official Records Book 3149, Page 878.

NOTE: All recording references in this form shall refer to the public records of St. Lucie County, Florida, unless otherwise noted.

MICHELLE R. MILLER, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4926340 OR BOOK 4688 PAGE 1005, Recorded 09/21/2021 02:26:59 PM Doc Tax: $20850.90

This instrument was prepared by:
John H. Adair, III, Esq.
Doumar, Allsworth, Laystrom, et al
1177 SE Third Avenue
Fort Lauderdale, FL 33316-1197

Parcel ID Number: 2324-211-0001-000-6, 2324-214-0002-000-2, 2324-211-0001-000-5, 2324-241-0003-000-3

WARRANTY DEED

THIS INDENTURE, Made effective on September 14 15, 2021 A.D., **Between** R.V. DEVELOPMENT, LLC, a Florida limited liability company, whose address is 547 Wash Roberts Ln., McMinnville, TN 37110, **Grantor**, and SCANNELL PROPERTIES #533, LLC, an Indiana limited liability company whose address is: 8801 River Crossing Blvd., Ste 300, Indianapolis, IN 46240, **Grantee**.

WITNESSETH that the Grantor, for and in consideration of the sum of TEN & NO/100 ($10.00) Dollars, and other good and valuable consideration to Grantor in hand paid by Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee and Grantee's heirs and assigns forever, the following described land, tenements, hereditaments, improvements (if any), and any appurtenances, situate, lying and being in the County of Saint Lucie, State of Florida, to wit:

SEE LEGAL ATTACHED HERETO AS EXHIBIT "A"

SUBJECT TO:

(1) Comprehensive land use plans, zoning and other land use restrictions, prohibitions and requirements imposed by governmental authority;
(2) Restrictions and matters appearing on the Plat or otherwise common to the subdivision;
(3) Unplatted public utility easements of record; and
(4) Taxes for the 2021 tax year and subsequent years.

and the Grantor does hereby fully warrant the title to said land, and will defend the same against lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has hereunto set its hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

R.V. DEVELOPMENT, LLC,
a Florida limited liability company

Jordan Ramsey
Printed Name: Jordan Ramsey
Witness

By: James A Wynne, III
James A. Wynne III, Manager

Cameron Nathan
Printed Name: Cameron Nathan
Witness

STATE OF FLORIDA)
SS
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☑ online notarization, this 14th day of September, 2021, by James A. Wynne III, as Manager of R.V. DEVELOPMENT, LLC, a Florida limited liability company.

JORDAN RAMSEY
Notary Public - State of Florida
Commission # GG922750
Expires on February 12, 2024

NOTARY PUBLIC:
Jordan Ramsey
Print: Jordan Ramsey
State of Florida at Large (Seal)
My Commission Expires: 02/12/2024

_____ Personally Known or ✓ Identification Produced
Type of identification produced: TN Driver's License.

Notarized online using audio-video communication

EXHIBIT "A"
LEGAL DESCRIPTION

Parcel 1
The East Three Quarters (3/4) of the Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4) of Section Twenty-four (24) Township Thirty-five(35) South Range Thirty-nine (39) East, less and excepting therefrom the North 35 feet and less the East 25 feet for road rights of way and less and except parcels conveyed to Earle T. Field, Jr. and Theresa M. Field, his wife in Deed Book 206, page 141 and in Official Records Book 492, page 1228; and less parcel conveyed to Robert Langel and Lillian Langel, his wife in Deed Book 207, page 165, all of the Public Records of St. Lucie County, Florida.

Parcel 2
From the Southeast corner of the Northeast quarter of the Northwest quarter of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida; thence run North 100 feet; thence run West 25 feet to the Point of Beginning; continue West 213.71 feet; thence North 208.71 feet; thence East 213.71 feet; thence South 208.71 feet to the Point of Beginning. Less and except any portion lying in road right of way for Peters Road.

Parcel 3
From the Interior Quarter Section Corner of Section 24, Township 35 South, Range 39 East, run North along the East line of the Northwest 1/4 of said Section 1790.5 feet; thence West 25 feet to the Point of Beginning: from said Point of Beginning run West 155 feet: thence North 150 feet; thence East 155 feet; thence South 150 feet to the Point of Beginning; being a part of the Northeast 1/4 of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Parcel 4
The South 60 feet of the East 125 feet of the following described property:
The North 1/2 of NE 1/4 of SE 1/4 of the NW 1/4 of Section 24, Township 35 South, Range 39 East, the same being the North 1/2 of Lot 9, of the NW 1/4, according to the Boston and Florida Atlantic Coast Land Company's Subdivision according to the plat thereof as recorded in Plat Book 3, page 32, of the Public Records of St. Lucie County, Florida.
Less and Except the East 25 feet for Road Right of Way

MICHELLE R. MILLER, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4926314 OR BOOK 4688 PAGE 861, Recorded 09/21/2021 02:15:45 PM Doc Tax: $5675.60

Prepared by and return to upon recording:

Bryan W. Sykes, Esq.
Meridian Partners Law P.A.
4923 W. Cypress Street
Tampa, FL 33607

Parcel No.: 2324-211-0002-000-3

Consideration: $810,701.12

SPACE ABOVE RESERVED FOR RECORDING INFORMATION

SPECIAL WARRANTY DEED

This **SPECIAL WARRANTY DEED** is executed this 15th day of September, 2021, by **AUSTRALIAN PROPERTIES, LLC**, a Florida limited liability company, having an address of P.O. Box 14049, Ft. Pierce, Florida 34979 (hereinafter, the "Grantor"), to **SCANNELL PROPERTIES #533, LLC**, an Indiana limited liability company, having an address of 8801 River Crossing Boulevard, Suite 300, Indianapolis, Indiana 46240 (hereinafter, the "Grantee"), the foregoing sometimes being referred to herein as the "Parties".

WITNESSETH, that Grantor, for and in consideration of the sum of $10.00 and/or other valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto Grantee, all that certain land lying and situate in St. Lucie County, Florida, to-wit:

SEE ATTACHED EXHIBIT A.

SUBJECT TO all easements, restrictions, reservations, and limitations of record, if any, existing as of the date of this conveyance and those permitted exceptions set forth on **Exhibit B** hereof.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever. Grantor hereby covenants with Grantee that Grantor is lawfully seized of the aforesaid land in fee simple, that Grantor has good right and lawful authority to sell and convey said land and Grantor hereby warrants title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under Grantor, but not otherwise.

SIGNATURE PAGE IMMEDIATELY FOLLOWS THIS PAGE

IN WITNESS WHEREOF, Grantor has signed and sealed these presents the day and year first above written.

Witnesses:

Name: Dezzyflerre

Name: TODD BEVAN

GRANTOR:

AUSTRALIAN PROPERTIES, LLC,
a Florida limited liability company

By: _____
George T. Pantuso, Manager

STATE OF Florida
COUNTY OF St. Lucie

Executed and acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 14th day of September, 2021 by George T. Pantuso, as the Manager of **AUSTRALIAN PROPERTIES, LLC**, a Florida limited liability company. He ☑ is personally known to me; or ☐ produced _____ as identification.

Rhonda Vincent
Notary Public
State of Florida

(seal)

RHONDA J. VINCENT
Notary Public - State of Florida
Commission # GG 348412
My Comm. Expires Aug 28, 2023
Bonded through National Notary Assn.

Exhibit A
Legal Description

A parcel of land lying in Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida, more particularly described as follows:

The South 400 feet of the North 903.20 feet of the East 750 feet of the West 775 feet.

Together with the South 35.30 feet of the North 938.50 feet of the East 750 feet of the West 775 feet;

Less the South 35.30 feet of the North 538.50 feet of the East 750 feet of the West 775 feet.

ALL Less any road rights of way and canal rights of way.

Exhibit B
Permitted Exceptions

1. Taxes and assessments for the year 2021 and subsequent years, which are not yet due and payable.

2. General Permit granted to Southern Bell Telephone and Telegraph Company recorded October 30, 1956 in Deed Book 220, Page 436.

3. Annexation Agreement recorded August 11, 1995, in Official Records Book 969, Page 1857.

4. Grant of Easement - Sewer recorded September 20, 2006, in Official Records Book 2660, Page 2731.

5. Terms and conditions of the Fort Pierce Utilities Authority Voluntary Removal of Meter(s)/Services recorded October 29, 2015 in Official Records Book 3803, Page 968.

NOTE: All recording references in this form shall refer to the public records of St. Lucie County, Florida, unless otherwise noted.

MICHELLE R. MILLER, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4926337 OR BOOK 4688 PAGE 997, Recorded 09/21/2021 02:26:06 PM Doc Tax: $14918.40

Prepared by and return to upon recording:

Bryan W. Sykes, Esq.
Meridian Partners Law P.A.
4923 W. Cypress Street
Tampa, FL 33607

Parcel No.: -2324-232-0000-000-4

Consideration: $2,131,122.50

SPACE ABOVE RESERVED FOR RECORDING INFORMATION

SPECIAL WARRANTY DEED

This **SPECIAL WARRANTY DEED** is executed this 15th day of September, 2021, by **KINGS HIGHWAY COMMERCIAL SOUTH, LLC,** a Florida limited liability company, having an address of 18860 Loxahatchee River Road, Jupiter, Florida 33548 (hereinafter, the "Grantor"), to **SCANNELL PROPERTIES #533, LLC,** an Indiana limited liability company, having an address of 8801 River Crossing Boulevard, Suite 300, Indianapolis, Indiana 46240 (hereinafter, the "Grantee"), the foregoing sometimes being referred to herein as the "Parties".

WITNESSETH, that Grantor, for and in consideration of the sum of $10.00 and/or other valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto Grantee, all that certain land (the "Property") lying and situate in St. Lucie County, Florida, to-wit:

SEE ATTACHED EXHIBIT A.

SUBJECT TO all easements, restrictions, reservations, and limitations of record, if any, existing as of the date of this conveyance and those permitted exceptions set forth on **Exhibit B** hereof.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

Together with all buildings, fixtures and other improvements as presently located on the Property.

Together with all of Grantor's right, title and interest in and to all strips and gores, any existing or proposed streets, roadways, alleys and/or adjacent rights of way and any land lying in the bed of any street, road or alley, open or proses, adjoining the Property

TO HAVE AND TO HOLD the same in fee simple forever. Grantor hereby covenants with Grantee that Grantor is lawfully seized of the aforesaid land in fee simple, that Grantor has good right and lawful authority to sell and convey said land and Grantor hereby warrants title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under Grantor, but not otherwise.

SIGNATURE PAGE IMMEDIATELY FOLLOWS THIS PAGE

IN WITNESS WHEREOF, Grantor has signed and sealed these presents the day and year first above written.

Witnesses:

Name: Heather Neville

KM
Name: Kaylee Marsillo

GRANTOR:

KINGS HIGHWAY COMMERCIAL SOUTH, LLC, a Florida limited liability company

By: _____
Edward A. Sasso, Authorized Representative

STATE OF New York
COUNTY OF Jefferson

Executed and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 14 day of September, 2021 by Edward A. Sasso, as the Authorized Representative of **KINGS HIGHWAY COMMERCIAL SOUTH, LLC**, a Florida limited liability company. He ☐ is personally known to me; or ☒ produced Florida Driver License as identification.

Notary Public
State of New York

(seal)
Kelly Butcher
Notary Public, State of New York
Residing in Jefferson County
No. 01BU5075260
My Commission Expires Mar. 31 2023

Exhibit A
Legal Description

The North 1/2 of the South 1/2 of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida, LESS the East 1118.54 feet and the West 25 feet thereof and LESS that part taken in Stipulated Order of Taking recorded in Official Records Book 3904, Page 1474, of the Public Records of St. Lucie County, Florida;

AND

The North 60 feet of the West 1088.54 feet of the East 1118.54 feet of the South 1/2 of the North 1/2 of the South 1/2 of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Exhibit B
Permitted Exceptions

1. Taxes and assessments for the year 2021 and subsequent years, which are not yet due and payable.

2. Easement to Fort Pierce Utilities Authority, recorded June 2, 1988 in Official Records Book 589, Page 1085 and as subordinated by Subordination of City Utility Interests recorded in Official Records Book 3840, Page 174.

3. Easement as set forth in Warranty Deed recorded September 15, 2003 in Official Records Book 1798, Page 2252.

4. Road Improvement Agreement by Kirco Acquisition LLC and St. Lucie County recorded December 5, 2007 in Official Records Book 2912, Page 523.

5. Easements as set forth in that certain Stipulated Order of Taking recorded August 23, 2016 in Official Records Book 3904, Page 1474.

6. Temporary Easement in favor of the State of Florida Department of Transportation recorded August 28, 2019 in Official Records Book 4313, Page 2776.

7. Temporary Easement in favor of the State of Florida Department of Transportation recorded August 28, 2019 in Official Records Book 4313, Page 2778.

NOTE: Notices of Environmental Resource or Surface Water Management Permit recorded in Official Records Book 3277, Page 2605; Official Records Book 4470, Page 849 and Official Records Book 4470, Page 883.

NOTE: All recording references in this form shall refer to the public records of St. Lucie County, Florida, unless otherwise noted.

MICHELLE R. MILLER, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4925780 OR BOOK 4687 PAGE 1640, Recorded 09/21/2021 08:44:52 AM Doc Tax: $6300.00

INSTRUMENT PREPARED BY
AND AFTER RECORDING RETURN TO:
BRUCE S. ROSENWATER & ASSOCIATES, P.A.
Bruce S. Rosenwater, Esq.
1601 Forum Place, Suite 602
West Palm Beach, Florida 33401
(561) 688-0991

Tax ID #2324 241 002 0006

SPECIAL WARRANTY DEED 2421 Deters Rd.

THIS SPECIAL WARRANTY DEED, executed this 15th day of September A.D. 2021, by GRADY SAPP, a single man, whose post office address is [redacted] Peters Road, [redacted], Fort Pierce, FL 34945; and JOYCE K. SMITH, a married woman, whose post office address is 1828 Copenhaver RD, Fort Pierce, FL 34945 "Grantor", to SCANNELL PROPERTIES #533, LLC, an Indiana limited liability company, whose post office address is 8801 River Crossing Boulevard, Suite 300, Indianapolis, Indiana 46240 "Grantee".

(Wherever used herein the terms "grantor" and "grantee" shall include singular and plural, heirs, legal representatives, and assigns of individuals. and the successors and assigns of corporations, wherever the context so admits or requires.)

WITNESSETH:

That the Grantor, for and in consideration of the sum of $10.00 and other good and valuable consideration, the receipt whereof is hereby acknowledged, hereby grants, bargains, sells, conveys and confirms unto the Grantee, and their heirs, personal representatives, successors and assigns, in fee simple absolute, all that certain land situate in St. Lucie County, Florida and more particularly described below (the "Property"):

> The North ½ of the NE ¼ of the SE ¼ of the NW ¼, less the South 60 feet of the East 125 feet and less the East 30 feet, Section 24, Township 35 South, Range 39 East, lying and being in Saint Lucie County, Florida.

SUBJECT TO easements, restrictions and reservations of record and to taxes for the year 2021 and thereafter.

TOGETHER WITH all improvements, tenements, hereditaments and appurtenances thereto belonging or appertaining,

TO HAVE AND TO HOLD, the same in fee simple forever.

GRANTOR WILL WARRANT and forever defend the right and title to the above-described property unto the Grantee against all claims of all persons claiming by, through or under Grantor, but not otherwise.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Signature
Printed Name: Joseph Torbush

Grady Sapp

Witness Signature
Printed Name: Louise H. McGuinness

Joyce K. Smith

State of Florida
County of St Lucie

The foregoing instrument was acknowledged before me by means of [X] physical presence or [_] online notarization, this 15th day of September, 2021, by Grady Sapp and Joyce K. Smith, who [_] are personally known or [X] have produced a driver's license as identification.

[Notary Seal]

My Commission Expires:

CHERYL A HOWE
Notary Public - State of Florida
Commission # GG 260038
My Comm. Expires Nov 30, 2022

Notary Public
Print Name: Cheryl A Howe

MICHELLE R. MILLER, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4926317 OR BOOK 4688 PAGE 869, Recorded 09/21/2021 02:16:13 PM Doc Tax: $6903.40

This instrument was prepared by:
John H. Adair, III, Esq.
Doumar, Allsworth, Laystrom, et al
1177 SE Third Avenue
Fort Lauderdale, FL 33316-1197

Parcel ID Number: 2324-241-0004-000-0

WARRANTY DEED

THIS INDENTURE, Made effective on September 15, 2021 A.D., **Between** GREAT AMERICAN RV PROPERTIES LLC, a Florida limited liability company, whose address is 547 Wash Roberts Ln., McMinnville, TN 37110, **Grantor**, and SCANNELL PROPERTIES #533, LLC, an Indiana limited liability company whose address is: 8801 River Crossing Blvd., Ste 300, Indianapolis, IN 46240, **Grantee**.

WITNESSETH that the Grantor, for and in consideration of the sum of TEN & NO/100 ($10.00) Dollars, and other good and valuable consideration to Grantor in hand paid by Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee and Grantee's heirs and assigns forever, the following described land, tenements, hereditaments, improvements (if any), and any appurtenances, situate, lying and being in the County of Saint Lucie, State of Florida, to wit:

SEE LEGAL ATTACHED HERETO AS EXHIBIT "A"

SUBJECT TO:

(1) Comprehensive land use plans, zoning and other land use restrictions, prohibitions and requirements imposed by governmental authority;
(2) Restrictions and matters appearing on the Plat or otherwise common to the subdivision;
(3) Unplatted public utility easements of record; and
(4) Taxes for the 2021 tax year and subsequent years.

and the Grantor does hereby fully warrant the title to said land, and will defend the same against lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has hereunto set its hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

GREAT AMERICAN RV PROPERTIES LLC,
a Florida limited liability company

Jordan Ramsey
Printed Name: Jordan Ramsey
Witness

By: James A Wynne, III
James A. Wynne III, Managing Member

Cameron Nathan
Printed Name: Cameron Nathan
Witness

STATE OF FLORIDA)
SS
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☑ online notarization, this 14th day of September, 2021, by James A. Wynne III, as Managing Member of GREAT AMERICAN RV PROPERTIES LLC, a Florida limited liability company.

JORDAN RAMSEY
Notary Public - State of Florida
Commission # GG922750
Expires on February 12, 2024

NOTARY PUBLIC:
Jordan Ramsey
Print: Jordan Ramsey
State of Florida at Large (Seal)
My Commission Expires: 02/12/2024

_____ Personally Known or ✔ Identification Produced
Type of identification produced: TN Driver's License.

Notarized online using audio-video communication

EXHIBIT "A"
LEGAL DESCRIPTION

Parcel 1:
The West 455.58 feet of the East 1118.54 of the North Half of the North Half of the South Half of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

Parcel 2:
The West 1088.54 feet of the East 1118.54 of the South 264.18 feet of the South Half of the North Half of the South Half of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

AND

For the consideration hereinbefore set forth, Grantors do additionally grant and convey unto Grantee and easement and right-of-way for the purpose of ingress and egress across the following described tract of land:

The North 60 feet of the West 1088.54 feet of the East 1118.54 feet of the South 1/2 of the North 1/2 of the South 1/2 of the Northwest 1/4 of Section 24, Township 35 South, Range 39 East, St. Lucie County, Florida.

The easement herein granted shall be deemed appurtenant to and run with the ownership of Parcel I and Parcel II and their respective heirs, successors and assigns in title to all or part of Parcel I and Parcel II.

St. Lucie County Zoning

Indian River County

Okeechobee County

Martin County

Martin County

Zoning District

- AG-1, Agricultural, 1 du/ac
- AG-2.5, Agricultural, 1 du/2.5 ac
- AG-5, Agricultural, 1 du/5 ac
- AR-1,Agriculture Residential, 1 du/ac
- CG, Commercial General
- CN, Commercial Neighborhood
- CO, Commercial Office
- CR, Commercial Resort
- CPUB, Conservation Public
- HIRD, Hutchinson Island Residential Dist
- I, Institutional
- IH, Industrial Heavy
- IL, Industrial Light
- IX, Industrial Extraction
- PCS, Planned Country Subdivision
- PMUD, Planned Mixed Use Development
- PNRD, Planned Non-Residential Development
- PTV, Planned Town or Village
- PUD, Planned Unit Development
- R/C, Residential/Conservation 1 du/5 ac
- RE-1, Residential Estate, 1 du/ac
- RE-2, Residential Estate, 2 du/ac
- RF, Religious Facility
- RM-5, Residential, Multi-family 5 du/ac
- RM-9, Residential, Multi-family, 9 du/ac
- RM-11, Residential, Multi-family, 11 du/ac
- RMH-5, Residential Mobile Homes, 5 lots/ac
- RS-2, Single Family, 2 du/ac
- RS-3, Single Family, 3 du/ac
- RS-4, Single Family, 4 du/ac
- RVP, Recreational Vehicle Park, 14 lots/ac
- U, Utilities

Urban Service Boundary
Municipalities
Road and canals rights-of-way

Note: This map is for general planning purposes only and is subject to change. For information on specific parcels, please consult the Planning & Development Services Department.

0 1 2 3 4
Miles

Map prepared May 2015

Jeff H. Iravani, Inc.
Consulting Engineers
1934 Commerce Lane, Suite 5 Jupiter, Florida 33458
Tel: (561) 575-6030 Fax: (561) 575-6088
Email: JHI@bellsouth.net Website: www.JHIinc.com

March 24, 2022

Attn: Maria Lewicka, AICP
City of Fort Pierce Planning Department

RE: Kings Highway Commerce Park, Phase II
JHI Project No. 1355

Dear Maria,

Please consider the followings in response to your comments:

Fort Pierce Planning Department

Regarding the current petition of Phase II:

1. Please provide description/info of "Future Trailer Parking".
   Response: Please see attached project description.

2. Further comments may be provided at the Pre-Application meeting.
   Response: Acknowledged.

3. Note that all fees for advertising, mailing, and signs shall be paid up front with the application fees. These fees can be found on the city website under the Planning Departments page under "*Public Notice Fee*".
   Response: Acknowledged.

Fort Pierce Engineering Department

1. All detention area, bio-swales, lakes shall maintain a minimum 15' setback from adjacent public right-of-way lines.
   Response: The location of bioswales/dry detentions/lakes were approved by city commission on 09/24/21. Per Phase-I site plan review, dry detention was transformed to bioswales and lakes into water features by adding fountain in order to approve the existing location.

Maria Lewicka, AICP
City of Fort pierce Planning Department

2. All stormwater water quality/quantity shall meet the minimum requirements as specified in the City of Fort Pierce Code of Ordinances Section 119, NSLRWCD, and SFWMD.
   Response: All stormwater design meets city of Ft pierce, SFWMD & NSLRWCD requirements. We have a conceptual permit from SFWMD for the buildout & a construction permit for Phase-I. We also have the NSLRWCD for Phase-I

3. Being as improvements and project access is proposed for both Peters Road and White Road permitting through SLC will be required.
   Response: Acknowledged.

4. FDOT permit is required for the Kings Highway improvements.
   Response: Acknowledged.

5. The site is comprised of several parcels which will need to be unified into one parcel.
   Response: Unity of title is submitted.

6. At time of site plan submittal an environmental assessment of the property shall be provided.
   Response: Environmental report is attached.

7. All detention/retention areas shall not exceed a bank slope of 4' H:1' V and for berms/swales the maximum slope is 3' H:1' V.
   Response: All detention areas have a slope of 4H:1V.

<u>Florida Department of Transportation</u>

1. Please see attached FDOT Access Management Pre-App Approval Letter for FDOT conditions and comments. Please note that the letter expires on April 21, 2022 unless permits are requested beforehand.
   Response: We are in permitting process w/ FDOT.

2. Would like to complement the applicant for the level of internal pedestrian connectivity within the site and the external pedestrian connectivity to Kings Highway. Sidewalks can help promote the health and wellbeing of employees and improve occupancies, establishing this commerce park as a premier facility and distinguishing it from others.
   Response: Thank you.

Maria Lewicka, AICP
City of Fort pierce Planning Department

3. Applicant should consider including a small amount of ancillary restaurant space on the site plan to serve the commerce park. This will function as an amenity for employers, employees, and truck drivers and help to reduce traffic impacts on Kings Highway.
   Response: This is a great idea, we'll discuss w/ owner.

Please feel free to contact me should you have any questions.

Sincerely,

J H Iravani

Jeff H. Iravani, P.E.
President


LINCOLN BROWN ILLUSTRATION


LINCOLN BROWN ILLUSTRATION


LINCOLN BROWN ILLUSTRATION


STOP


LINCOLN BROWN ILLUSTRATION

Scannell Properties #533, LLC
8801 Rover Crossing Boulevard Suite 300
Indianapolis, Indiana 46240

October 4, 2021

RE: Kings Highway Commerce Park
Southeast corner of Kings Highway and White Road
Fort Pierce, Florida

To Whom It May Concern:

Scannell Properties #533, LLC, the applicant for the above referenced project, hereby authorizes Jeff H. Iravani, Inc to be our authorized agent to obtain all the required re-zoning, site plan approvals & civil related permits and to sign on our behalf on all applicable applications for the above referenced project.

Sincerely,

Signature: _____

Name: Marc Pfleging

Title: Manager

STATE OF INDIANA
COUNTY OF MARION

The foregoing instrument was acknowledged before me this 4th day of October, 2021, by Marc D. Pfleging, the Manager of SCANNELL PROPERTIES #533, LLC, an Indiana limited liability company, and who acknowledged his execution of the foregoing document for and on behalf of said limited liability company.

_____
Notary Public

Seal

JOY R. JACKSON
Notary Public, State of Indiana
Hamilton County
Commission Number 691848
My Commission Expires
November 23, 2024

O'ROURKE
ENGINEERING & PLANNING

TRAFFIC ANALYSIS

FOR

Kings Highway Commerce Park
Concurrency

Prepared for:

Mr. Ken Morin
Kings Highway Development Partners, LLC
4923 W. Cypress St.
Tampa, FL 33607

Prepared by:

O'Rourke Engineering & Planning
22 SE Seminole Street
Stuart, Florida 34994
772-781-7918

March 11, 2021
SR21021.0

Prepared by: O'Rourke Engineering & Planning Certificate of Authorization: #26869 22 SE Seminole Street Stuart, Florida 34994 772-781-7918	Professional Engineer Susan E. O'Rourke, P.E. Date signed and sealed:3/11/2021 License #: 42684

O'ROURKE
ENGINEERING & PLANNING

March 11, 2021

Mr. Ken Morin
Kings Highway Development Partners, LLC
4923 W. Cypress St.
Tampa, FL 33607

Re: Kings Highway Commerce Park

Dear Mr. Morin:

O'Rourke Engineering & Planning has completed the analysis of the proposed development located east of Kings Highway and south of White Road in Ft. Pierce, St. Lucie County, Florida. The steps in the analysis and the ensuing results are presented herein.

It has been a pleasure working with you. If you have any questions or comments, please give me a call.

Respectfully submitted,

O'Rourke Engineering & Planning

Susan E. O'Rourke, P.E.
Registered Civil Engineer

C6 – Concurrency Report – Kings Highway Commerce Park – 2.12.21

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INTRODUCTION

O'Rourke Engineering & Planning was retained to prepare a traffic analysis for the proposed development consisting of warehousing and office located east of Kings Highway and south of White Road in Ft. Pierce, St. Lucie County, Florida. The purpose of this report is to determine the projects impact on the surrounding roadway system.

In order to make the determination that the project complies with County Concurrency Guidelines, the following analytical steps were taken:

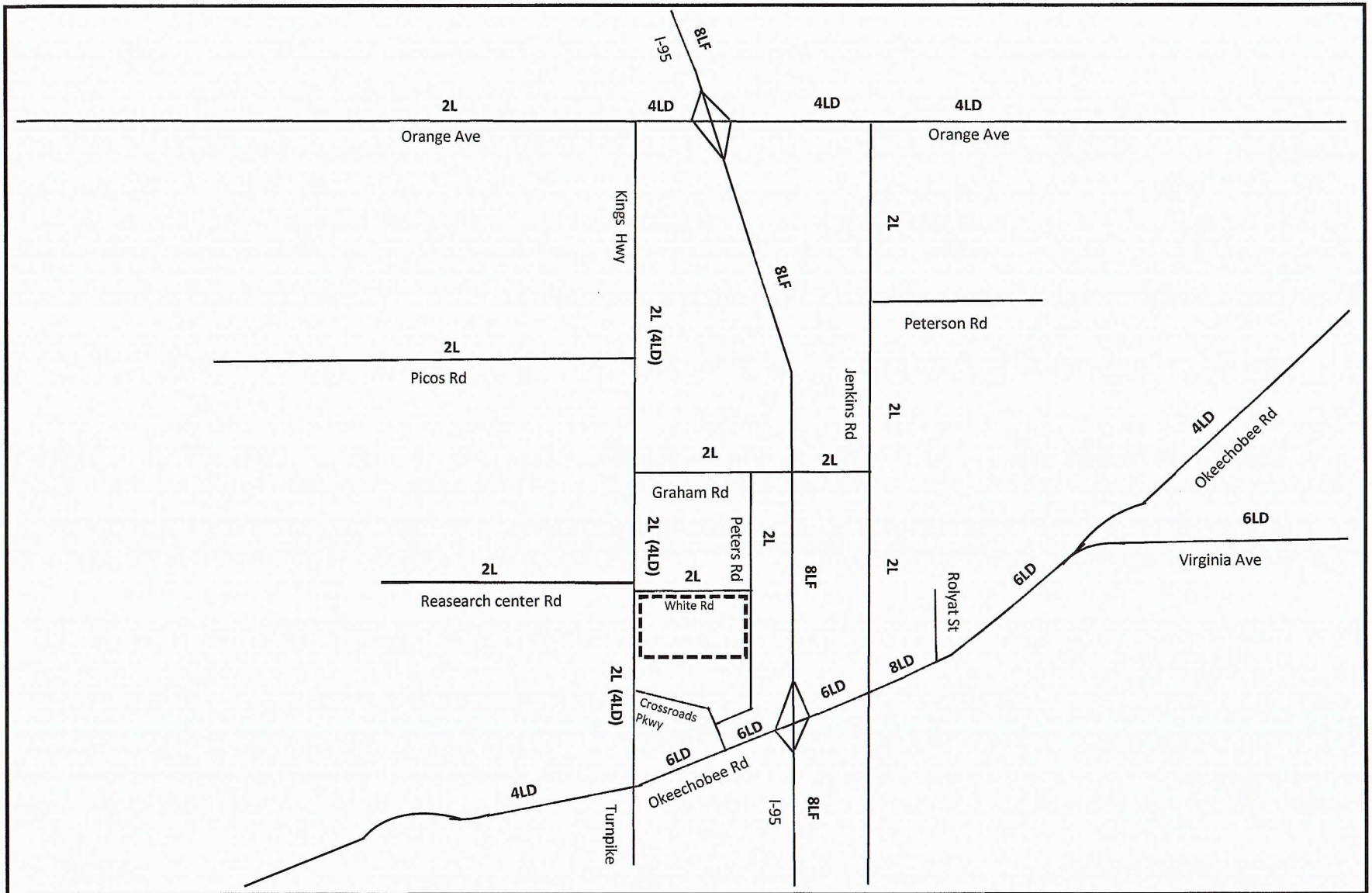
- summary of the project
- summary of existing lane geometries
- summary of the existing traffic volumes
- assessment of project traffic
- determination of impact area
- summary of buildout cumulative traffic volumes
- summary of levels of service with the project traffic added

Each of these steps is outlined herein.

PROJECT DESCRIPTION

The proposed development located east of Kings Highway and south of White Road in Ft. Pierce, St. Lucie County, Florida, will consist of 1,770,000 square feet of warehouse and 130,000 square feet of office. The site is currently vacant. The project location is shown in **Figure 1**.

Appendix A includes the project site plan.



NTS

O'ROURKE ENGINEERING & PLANNING

22 Seminole Street
Stuart, Fl, 34994

Job Number: SR20121.0 | Date: 2/12/2021

Legend

= Project Location

2L = Existing Lanes
(4LD) = Committed Lanes

Figure 1

Project Location

Kings Highway Commerce Park

EXISTING CONDITIONS

The study area is defined as the roadways upon which the project has an impact of 3% of the level of service capacity of the roadway and 1% on the adjacent link. Once the project traffic was assigned, the study area was refined based on the impact percentages.

The study area roadways were defined in terms of existing lane geometrics and existing traffic volumes.

Existing/Proposed Lane Geometrics and Traffic Control

The study area was reviewed to determine the existing number and type of lanes, and the traffic control along the roadway. Each roadway is described below.

- Peters Road is a two-lane local road with a general north/south alignment.
- S. Jenkins Road is a two-lane arterial with a north/south alignment.
- Graham Road is a two-lane local roadway with an east/west alignment.
- Okeechobee Road is a multi-lane divided arterial roadway with an east/west alignment. It is four-lane divided west of Kings Highway and east of Virginia Avenue. It is six-lane divided from Rolyat Street to Virginia Avenue and from Kings Highway to I-95. There is an eight-lane divided section from east of I-95 to Rolyat Street. There are numerous extended turn lanes and freeway auxiliary lanes.
- Orange Avenue is a four-lane divided arterial with an east/ west alignment.
- Kings Highway is a two-lane arterial with a north/south alignment and is under construction in portions and included in the 5-year TIP to be widened to a four-lane divided roadway.

Existing Traffic Volumes/ Service Volume

Traffic volumes were obtained from the St. Lucie County TPO and FDOT. The count data along with the number of lanes and the associated peak hour/peak direction service volumes will be summarized in the upcoming sections of the report. The service volumes were developed based on the functional classification contained in the County Comprehensive Plan and the St. Lucie County Traffic Counts and Level of Service Report. The 2020 FDOT Quality Level of Service and St. Lucie TPO 2019/2020 Level of Service Report were used to establish capacity. These documents are included in **Appendix B.**

PROJECT TRAFFIC

To estimate future traffic generated by the development, the ITE Trip Generation, 10th Edition trip rates for Warehouse (Land Use Code 150) and Office (Land Use Code 710) were applied to estimate the trips generated by the proposed development. These calculations are shown in **Tables 1a, 1b, and 1c**.

As shown, the project will generate 4,108 new daily trips. There will be 452 AM peak hour trips with 362 entering the project and 90 trips exiting the project. The project will generate 486 new PM peak hour trips. There will be 115 trips entering the project and 371 trips exiting the project in the PM peak hour.

Table 1 - Trip Generation -Kings Highway Commerce Park

Table 1a: Daily

Land Use	ITE Code	Intensity	Units	Trip Generation Rate	Directional Split		Net New Trips		
					In	Out	In	Out	Total
General Office	710	130,000	Sft	T=9.74(X)	50%	50%	633	633	1,266
Warehousing	150	1,770,000	Sft	T = 1.58(X) + 45.54	50%	50%	1,421	1,421	2,842
TOTALS							**2,054**	**2,054**	**4,108**

Source: ITE 10th Edition Trip Generation Rates

Table 1b: AM Peak Hour

Land Use	ITE Code	Intensity	Units	Trip Generation Rate	Directional Split		Net New Trips		
					In	Out	In	Out	Total
General Office	710	130,000	Sft	T = 1.16(X)	86%	14%	130	21	151
Warehousing	150	1,770,000	Sft	T = 0.17(X)	77%	23%	232	69	301
TOTALS							**362**	**90**	**452**

Source: ITE 10th Edition Trip Generation Rates

Table 1c: PM Peak Hour

Land Use	ITE Code	Intensity	Units	Trip Generation Rate	Directional Split		Net New Trips		
					In	Out	In	Out	Total
General Office	710	130,000	Sft	T = 1.15(X)	16%	84%	24	126	150
Warehousing	150	1,770,000	Sft	T = 0.19(X)	27%	73%	91	245	336
TOTALS							**115**	**371**	**486**

Source: ITE 10th Edition Trip Generation Rates

PROJECT DISTRIBUTION/ ASSIGNMENT/IMPACT

The project traffic was distributed by general geographic direction and then assigned to the roadway network.

Distribution/ Assignment – This general distribution led to an assignment of trips based on the anticipated ultimate destinations and the roadway paths used to reach those destinations. The project assignment is shown in **Figure 2.**

Impact – Tables 2a and 2b summarize the project impact as a percent of service volume capacity. Significant is defined as 1% or more on an adjacent link and 3% or more on all other links. As shown, the project is significant on several links.

OTHER PROJECT TRAFFIC/GROWTH RATE

Existing traffic volumes were grown using a 4-year area wide historical growth rate of 2.25%. Other project data includes committed traffic from 39 Acre Residential Development, Kings Center, Village of Sunset Lakes, Mariner Cove, Bent Creek, Celebration Pointe, Whispering Oaks, St. Lucie Commerce Center, Walsh Crossroads, Project Hurricane, and the Treasure Coast Research Park.

Details of the background traffic and growth rate are included in **Appendix C.**

LINK ANALYSIS / REVIEW

The project is significant on several links, these links were analyzed further to ensure they will meet concurrency. **Table 3a and 3b** summarizes the results of the link analysis. As shown, all roadways will operate at acceptable levels of service at project buildout. Jenkins Road exceeds the theoretical capacity, a detailed analysis using ArtPlan was used to demonstrate concurrency.

The detailed analysis is included in **Appendix D.**

INTERSECTION ANALYSIS/SIGNAL WARRANT

The intersection of White Road at Kings Highway was analyzed for the AM and PM peak hours using HCS for unsignalized intersections. As part of the Kings Highway widening project, Research Center Road and White Road will be aligned. The intersection will operate at a level of service C at project build out. A signal warrant for the intersection was also conducted using the 8-hour, 4-hour and peak hour warrants. At project buildout the intersection of Kings Highway and White Road would satisfy the 8-hour, 4-hour, and peak hour signal warrants at 70%.

The intersection data and signal warrant are shown in **Appendix E.** The LOS results are included in the next section of the report.

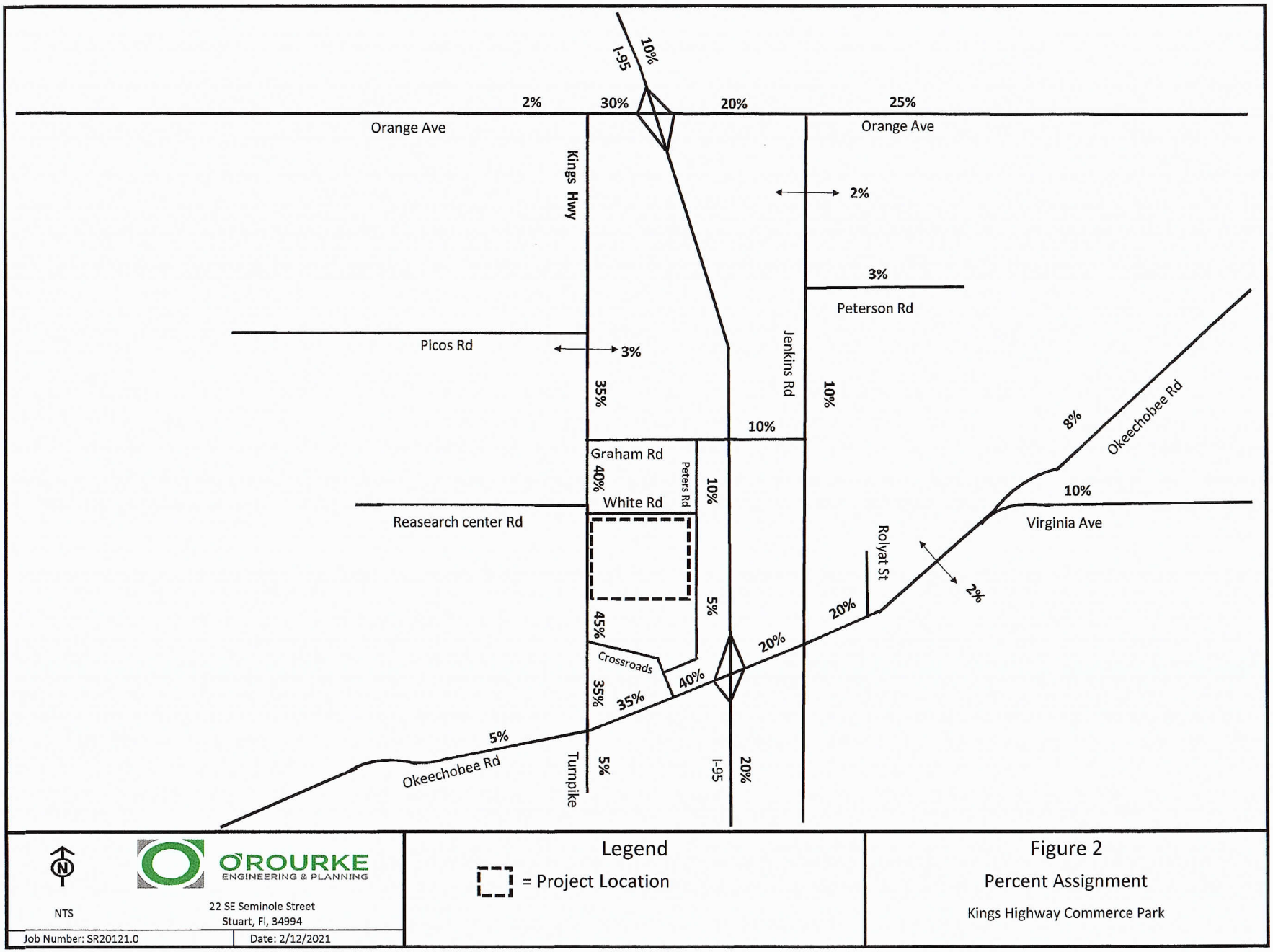

I-95
10%
2%
30%
20%
25%
Orange Ave
Orange Ave
Kings Hwy
2%
3%
Peterson Rd
Picos Rd
3%
35%
Jenkins Rd
10%
10%
Graham Rd
40%
Peters Rd
10%
White Rd
Reasearch center Rd
8%
Okeechobee Rd
10%
Virginia Ave
Rolyat St
2%
20%
5%
45%
20%
Crossroads
40%
35%
35%
5%
Okeechobee Rd
Turnpike
5%
I-95
20%
NTS
O'ROURKE
ENGINEERING & PLANNING
22 SE Seminole Street
Stuart, Fl, 34994
Job Number: SR20121.0
Date: 2/12/2021
Legend
= Project Location
Figure 2
Percent Assignment
Kings Highway Commerce Park

TABLE 2a - Project Percent Impact - AM

Segment	From	To	Direction	IN/OUT	Greater than 3% (1% on Adjacent Links)[2]	Peak Hour Service Capacity (E+C)[1]	Project Volume Peak Direction	% Project of Capacity-Peak Hour	Project Percent Assignment
Peters Rd	Crossroads Pkwy	White Rd	NB	IN	YES	920	18	1.96%	5%
	Crossroads Pkwy	White Rd	SB	OUT	NO	920	5	0.54%	5%
	White Rd	Graham Rd	NB	OUT	NO	920	9	0.98%	10%
	White Rd	Graham Rd	SB	IN	YES	920	36	3.91%	10%
Kings Hwy	Okeechobee Rd	Crossroads Pkwy	NB	IN	YES	1800	163	9.06%	45%
	Okeechobee Rd	Crossroads Pkwy	SB	OUT	NO	1800	41	2.28%	45%
	Crossroads Pkwy	Project Entrance	NB	IN	YES	1800	163	9.06%	45%
	Crossroads Pkwy	Project Entrance	SB	OUT	YES	1800	41	2.28%	45%
	Project Entrance	Graham Rd	NB	OUT	YES	1800	36	2.00%	40%
	Project Entrance	Graham Rd	SB	IN	YES	1800	145	8.06%	40%
	Graham Rd	Picos Rd	NB	OUT	NO	1800	32	1.78%	35%
	Graham Rd	Picos Rd	SB	IN	YES	1800	127	7.06%	35%
	Picos Rd	Orange Ave	NB	OUT	NO	1800	29	1.61%	32%
	Picos Rd	Orange Ave	SB	IN	YES	1800	116	6.44%	32%
Graham Rd	Kings Hwy	Jenkins Rd	EB	OUT	NO	630	9	1.43%	10%
	Kings Hwy	Jenkins Rd	WB	IN	YES	630	36	5.71%	10%
Virginia Ave	Okeechobee Rd	Hartman Rd	EB	OUT	NO	3020	9	0.30%	10%
	Okeechobee Rd	Hartman Rd	WB	IN	NO	3020	36	1.19%	10%
Orange Ave	Jenkins Rd	Hartman Rd	EB	OUT	NO	2000	23	1.15%	25%
	Jenkins Rd	Hartman Rd	WB	IN	YES	2000	91	4.55%	25%
	I-95	Jenkins Rd	EB	IN	YES	2000	72	3.60%	20%
	I-95	Jenkins Rd	WB	OUT	NO	2000	18	0.90%	20%
	Kings Hwy	I - 95	EB	OUT	NO	2000	27	1.35%	30%
	Kings Hwy	I - 95	WB	IN	YES	2000	109	5.45%	30%
	Campbell Rd	Kings Hwy	EB	IN	NO	1070	7	0.65%	2%
	Campbell Rd	Kings Hwy	WB	OUT	NO	1070	2	0.19%	2%
Jenkins Rd	Graham Rd	Peterson Rd	NB	OUT	NO	630	9	1.43%	10%
	Graham Rd	Peterson Rd	SB	IN	YES	630	36	5.71%	10%
	Peterson Rd	Orange Ave	NB	OUT	NO	920	9	0.98%	10%
	Peterson Rd	Orange Ave	SB	IN	YES	920	36	3.91%	10%
Okeechobee Rd	McCarty Rd	Florida Turnpike	EB	IN	NO	1810	18	0.99%	5%
	McCarty Rd	Florida Turnpike	WB	OUT	NO	1810	5	0.28%	5%
	Florida Turnpike	Kings Hwy	EB	IN	NO	2010	18	0.90%	5%
	Florida Turnpike	Kings Hwy	WB	OUT	NO	2010	5	0.25%	5%
	Kings Hwy	I - 95	EB	OUT	NO	4170	36	0.86%	40%
	Kings Hwy	I - 95	WB	IN	YES	4170	145	3.48%	40%
	I - 95	Jenkins Rd	EB	OUT	NO	4240	18	0.42%	20%
	I - 95	Jenkins Rd	WB	IN	NO	4240	72	1.70%	20%
	Jenkins Rd	McNeil Ave	EB	OUT	NO	4040	18	0.45%	20%
	Jenkins Rd	McNeil Ave	WB	IN	NO	4040	72	1.78%	20%
I-95	Midway Rd	Okeechobee Rd	NB	IN	NO	7320	72	0.98%	20%
	Midway Rd	Okeechobee Rd	SB	OUT	NO	7320	18	0.25%	20%
	Orange Ave	Indrio Rd	NB	OUT	NO	7320	9	0.12%	10%
	Orange Ave	Indrio Rd	SB	IN	NO	7320	36	0.49%	10%

(1) FDOT 2020 Service Capacity Tables & St. Lucie TPO

(2) According to the Guidelines prepared by the TPO and modified by the City and County

Two-Way: 452
Net In: 362
Net Out: 90

TABLE 2b - Project Percent Impact - PM

Segment	From	To	Direction	IN/OUT	Greater than 3% (1% on Adjacent Links)[2]	Peak Hour Service Capacity (E+C)[1]	Project Volume Peak Direction	% Project of Capacity-Peak Hour	Project Percent Assignment
Peters Rd	Crossroads Pkwy	White Rd	NB	IN	NO	920	6	0.65%	5%
	Crossroads Pkwy	White Rd	SB	OUT	YES	920	19	2.07%	5%
	White Rd	Graham Rd	NB	OUT	YES	920	37	4.02%	10%
	White Rd	Graham Rd	SB	IN	NO	920	12	1.30%	10%
Kings Hwy	Okeechobee Rd	Crossroads Pkwy	NB	IN	NO	1800	52	2.89%	45%
	Okeechobee Rd	Crossroads Pkwy	SB	OUT	YES	1800	167	9.28%	45%
	Crossroads Pkwy	Project Entrance	NB	IN	YES	1800	52	2.89%	45%
	Crossroads Pkwy	Project Entrance	SB	OUT	YES	1800	167	9.28%	45%
	Project Entrance	Graham Rd	NB	OUT	YES	1800	148	8.22%	40%
	Project Entrance	Graham Rd	SB	IN	YES	1800	46	2.56%	40%
	Graham Rd	Picos Rd	NB	OUT	YES	1800	130	7.22%	35%
	Graham Rd	Picos Rd	SB	IN	NO	1800	40	2.22%	35%
	Picos Rd	Orange Ave	NB	OUT	YES	1800	119	6.61%	32%
	Picos Rd	Orange Ave	SB	IN	NO	1800	37	2.06%	32%
Graham Rd	Kings Hwy	Jenkins Rd	EB	OUT	YES	630	37	5.87%	10%
	Kings Hwy	Jenkins Rd	WB	IN	NO	630	12	1.90%	10%
Virginia Ave	Okeechobee Rd	Hartman Rd	EB	OUT	NO	3020	37	1.23%	10%
	Okeechobee Rd	Hartman Rd	WB	IN	NO	3020	12	0.40%	10%
Orange Ave	Jenkins Rd	Hartman Rd	EB	OUT	YES	2000	93	4.65%	25%
	Jenkins Rd	Hartman Rd	WB	IN	NO	2000	29	1.45%	25%
	I-95	Jenkins Rd	EB	OUT	YES	2000	74	3.70%	20%
	I-95	Jenkins Rd	WB	IN	NO	2000	23	1.15%	20%
	Kings Hwy	I - 95	EB	OUT	YES	2000	111	5.55%	30%
	Kings Hwy	I - 95	WB	IN	NO	2000	35	1.75%	30%
	Campbell Rd	Kings Hwy	EB	IN	NO	1070	2	0.19%	2%
	Campbell Rd	Kings Hwy	WB	OUT	NO	1070	7	0.65%	2%
Jenkins Rd	Graham Rd	Peterson Rd	NB	OUT	YES	630	37	5.87%	10%
	Graham Rd	Peterson Rd	SB	IN	NO	630	12	1.90%	10%
	Peterson Rd	Orange Ave	NB	OUT	YES	920	37	4.02%	10%
	Peterson Rd	Orange Ave	SB	IN	NO	920	12	1.30%	10%
Okeechobee Rd	McCarty Rd	Florida Turnpike	EB	IN	NO	1810	6	0.33%	5%
	McCarty Rd	Florida Turnpike	WB	OUT	NO	1810	19	1.05%	5%
	Florida Turnpike	Kings Hwy	EB	IN	NO	2010	6	0.30%	5%
	Florida Turnpike	Kings Hwy	WB	OUT	NO	2010	19	0.95%	5%
	Kings Hwy	I - 95	EB	OUT	YES	4170	148	3.55%	40%
	Kings Hwy	I - 95	WB	IN	NO	4170	46	1.10%	40%
	I - 95	Jenkins Rd	EB	OUT	NO	4240	74	1.75%	20%
	I - 95	Jenkins Rd	WB	IN	NO	4240	23	0.54%	20%
	Jenkins Rd	Virginia Ave	EB	OUT	NO	4040	74	1.83%	20%
	Jenkins Rd	Virginia Ave	WB	IN	NO	4040	23	0.57%	20%
I-95	Midway Rd	Okeechobee Rd	NB	IN	NO	7320	23	0.31%	20%
	Midway Rd	Okeechobee Rd	SB	OUT	NO	7320	74	1.01%	20%
	Orange Ave	Indrio Rd	NB	OUT	NO	7320	37	0.51%	10%
	Orange Ave	Indrio Rd	SB	IN	NO	7320	12	0.16%	10%

(1) FDOT 2020 Service Capacity Tables & St. Lucie TPO

(2) According to the Guidelines prepared by the TPO and modified by the City and County

Two-Way: 486
Net In: 115
Net Out: 371

TABLE 3a - Link Analysis - AM

Segment	From	To	Direction	IN/OUT	Greater than 3% (1% on Adjacent Links)	AADT 2017	D Factor	2017 Peak Hour Directional Volumes	Growth Rate (2)	2023 AM Peak Hour + Growth	AM Peak Hour Committed Projects Directional	2023 Growth + Committed Peak Direction	Peak Hour Service Capacity (1)	Project Volume Peak Direction	Total Traffic (Peak Direction)	% Project of Capacity- Peak Hour	Does Project Satisfy Concurrency?	Project Percent Assignment
Peters Rd	Crossroads Pkwy	White Rd	NB	IN	YES	2000 (4)	0.562	100 (4)	2.25%	107	23	130	920	18	148	1.96%	YES	5%
	White Rd	Graham Rd	SB	IN	YES	2000 (4)	0.438	78 (4)	2.25%	83	13	96	920	36	132	3.91%	YES	10%
Kings Hwy	Okeechobee Rd	Crossroads Pkwy	NB	IN	YES	8234	0.562	361	2.25%	413	38	451	1800	163	614	9.06%	YES	45%
	Crossroads Pkwy	Project Entrance	NB	IN	YES	8234	0.562	361	2.25%	413	38	451	1800	163	614	9.06%	YES	45%
	Crossroads Pkwy	Project Entrance	SB	OUT	YES	8324	0.438	281	2.25%	321	14	335	1800	41	376	2.28%	YES	45%
	Project Entrance	Graham Rd	NB	OUT	YES	8234	0.562	361	2.25%	413	38	451	1800	36	487	2.00%	YES	40%
	Project Entrance	Graham Rd	SB	IN	YES	8234	0.438	281	2.25%	321	14	335	1800	145	480	8.06%	YES	40%
	Graham Rd	Picos Rd	SB	IN	YES	8216	0.438	315	2.25%	360	14	374	1800	127	501	7.06%	YES	35%
	Picos Rd	Orange Ave	SB	IN	YES	8216	0.438	315	2.25%	360	45	405	1800	116	521	6.44%	YES	32%
Graham Rd	Kings Hwy	Jenkins Rd	WB	OUT	YES	3733	0.509	255	2.25%	291	0	291	630	9	300	1.43%	YES	10%
Orange Ave	Jenkins Rd	Hartman Rd	WB	IN	YES	14189	0.509	764	2.25%	873	68	941	2000	91	1032	4.55%	YES	25%
	I-95	Jenkins Rd	EB	IN	YES	14009	0.491	737	2.25%	842	145	987	2000	72	1059	3.60%	YES	20%
	Kings Hwy	I - 95	WB	IN	YES	18112	0.562	780	2.25%	891	144	1035	2000	109	1144	5.45%	YES	30%
Jenkins Rd	Graham Rd	Peterson Rd	SB	IN	YES	10500 (3)	0.509	593 (3)	2.25%	634	101	735	630	36	771	5.71%	YES (5)	10%
	Peterson Rd	Orange Ave	SB	IN	YES	10500 (3)	0.509	593 (3)	2.25%	634	123	757	920	36	793	3.91%	YES	10%
Okeechobee Rd	Kings Hwy	I - 95	WB	OUT	YES	24585	0.562	1063	2.25%	1215	33	1248	4170	145	1393	3.48%	YES	40%

(1) St. Lucie County 2019/2020 Traffic Counts and LOS Report
(2) Area wide growth rate calculated from FDOT Historical AADT
(3) 2020 Count
(4) Estimated Existing 2020 Traffic
(5) Detailed Analysis used to demonstrate Concurrency

Two-Way:	452
Net In:	362
Net Out:	90
Years Grown:	6

TABLE 3b - Link Analysis - PM

Segment	From	To	Direction	IN/OUT	Greater than 3% (1% on Adjacent Links)	AADT 2017	D Factor	2017 Peak Hour Directional Volumes	Growth Rate (2)	2023 PM Peak Hour + Growth	PM Peak Hour Committed Projects Directional	2023 Growth + Committed Peak Direction	Peak Hour Service Capacity (1)	Project Volume Peak Direction	Total Traffic (Peak Direction)	% Project of Capacity- Peak Hour	Does Project Satisfy Concurrency?	Project Percent Assignment
Peters Rd	Crossroads Pkwy	White Rd	SB	OUT	YES	2000 (4)	0.562	100 (4)	2.25%	107	24	131	920	19	150	2.07%	YES	5%
	White Rd	Graham Rd	NB	OUT	YES	2000 (4)	0.438	78 (4)	2.25%	83	13	96	920	37	133	4.02%	YES	10%
Kings Hwy	Okeechobee Rd	Crossroads Pkwy	SB	OUT	YES	8234	0.562	369	2.25%	422	43	465	1800	167	632	9.28%	YES	45%
	Crossroads Pkwy	Project Entrance	NB	IN	YES	8234	0.438	288	2.25%	329	38	367	1800	52	419	2.89%	YES	45%
	Crossroads Pkwy	Project Entrance	SB	OUT	YES	8234	0.562	369	2.25%	422	43	465	1800	167	632	9.28%	YES	45%
	Project Entrance	Graham Rd	NB	OUT	YES	8234	0.438	288	2.25%	329	38	367	1800	148	515	8.22%	YES	40%
	Project Entrance	Graham Rd	SB	IN	YES	8234	0.562	369	2.25%	422	43	465	1800	46	511	2.56%	YES	40%
	Graham Rd	Picos Rd	NB	OUT	YES	8216	0.438	303	2.25%	346	38	384	1800	130	514	7.22%	YES	35%
	Picos Rd	Orange Ave	NB	OUT	YES	8216	0.438	303	2.25%	346	114	460	1800	119	579	6.61%	YES	32%
Graham Rd	Kings Hwy	Jenkins Rd	EB	IN	YES	3733	0.509	243	2.25%	278	0	278	630	37	315	5.87%	YES	10%
Orange Ave	Jenkins Rd	Hartman Rd	EB	OUT	YES	14189	0.509	710	2.25%	811	79	890	2000	93	983	4.65%	YES	25%
	I-95	Jenkins Rd	EB	OUT	YES	14009	0.509	905	2.25%	1034	163	1197	2000	74	1271	3.70%	YES	20%
	Kings Hwy	I - 95	EB	OUT	YES	18112	0.562	786	2.25%	898	96	994	2000	111	1105	5.55%	YES	30%
Jenkins Rd	Graham Rd	Peterson Rd	NB	OUT	YES	10500 (3)	0.509	569 (3)	2.25%	608	96	704	630	37	741	5.87%	YES (5)	10%
	Peterson Rd	Orange Ave	NB	OUT	YES	10500 (3)	0.509	569 (3)	2.25%	608	177	785	920	37	822	4.02%	YES	10%
Okeechobee Rd	Kings Hwy	I - 95	EB	IN	YES	24585	0.562	1086	2.25%	1241	51	1292	4170	148	1440	3.55%	YES	40%

(1) St. Lucie County 2019 Traffic Counts and LOS Report
(2) Area wide growth rate calculated from FDOT Historical AADT
(3) 2020 Count
(4) Estimated Existing 2020 Traffic
(5) Detailed Analysis used to demonstrate Concurrency

Two-Way:	486
Net In:	115
Net Out:	371
Years Grown:	6

DRIVEWAY ANALYSIS

The project will have a total of 5 driveways. Driveway 1 will be a directional access driveway on Kings Highway with right-in/left-in/right-out access. Driveways 2, 3, and 4 will be full access driveways located on White Road. Driveway 5 will be a full access driveway located on Peters Road. **Figure 3** shows the driveway volumes for the AM and PM peak hours. These driveways were analyzed using HCS. The analysis shows all 5 driveways will operate at an acceptable level of service at project buildout.

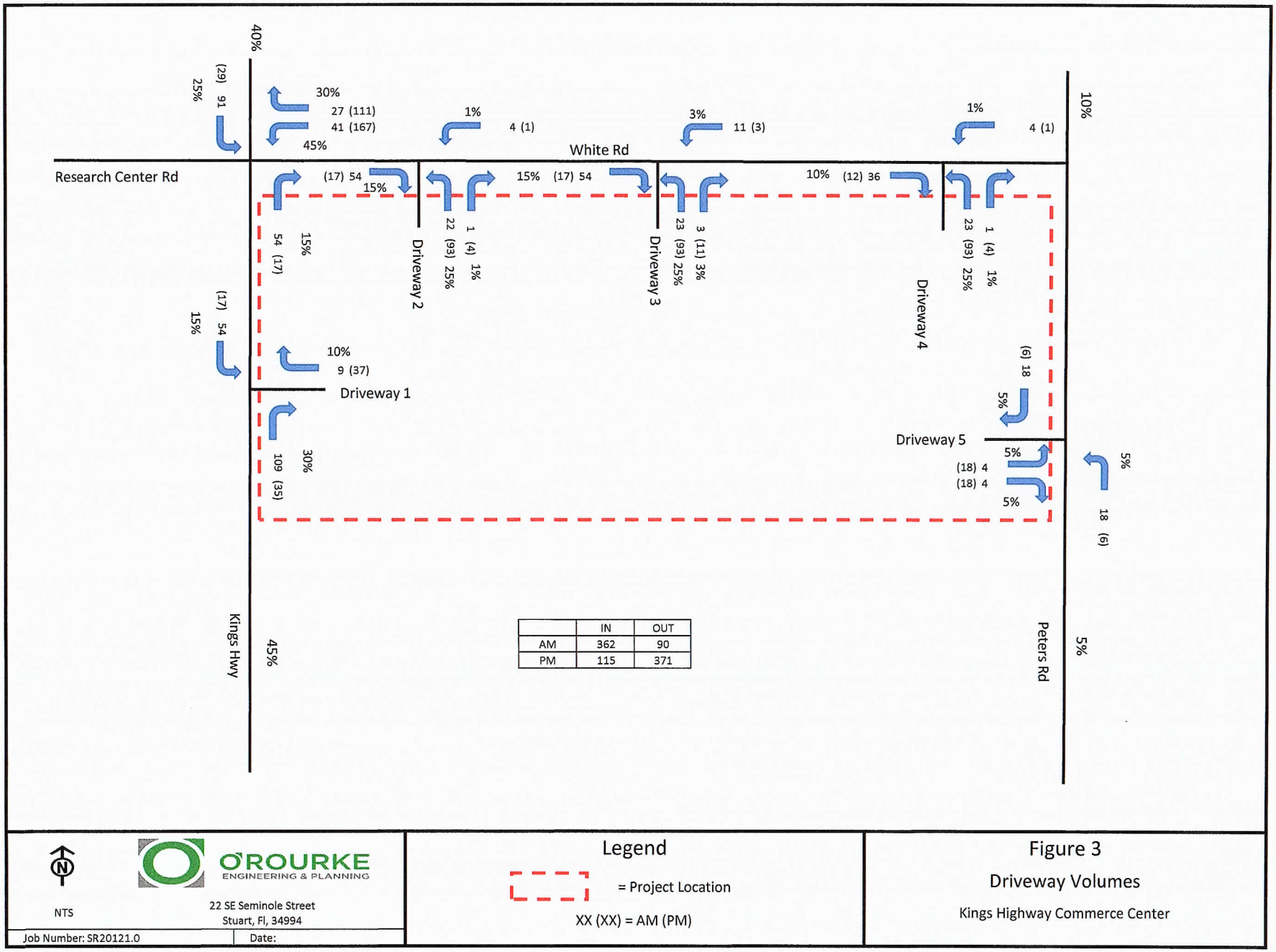
Table 4 summarizes the results. The driveway analysis is shown in **Appendix F.**

Table 4: Intersection Analysis Results

Intersection	2023 with Project			
	AM		PM	
	Delay (s)	LOS	Delay (s)	LOS
Kings Highway & White Road	EB - 14.4 WB - 16.4	EB - B WB - C	EB - 13.8 WB - 28.6	EB - B WB - D
Kings Highway & Driveway 1	10.1	B	10.1	B
White Road & Driveway 2	9.6	A	10.6	B
White Road & Driveway 3	9.2	A	9.7	A
White Road & Driveway 4	8.9	A	9.1	A
Peters Road & Driveway 5	9.6	A	9.6	A

CONCLUSION

With 452 net new AM peak hour trips and 486 net new PM peak hour trips, all links and intersections operate at acceptable levels of service with the existing roadway network. Therefore, the project meets the requirements for concurrency.



NTS

O'ROURKE ENGINEERING & PLANNING

22 SE Seminole Street
Stuart, Fl, 34994

Job Number: SR20121.0

Date:

Legend

= Project Location

XX (XX) = AM (PM)

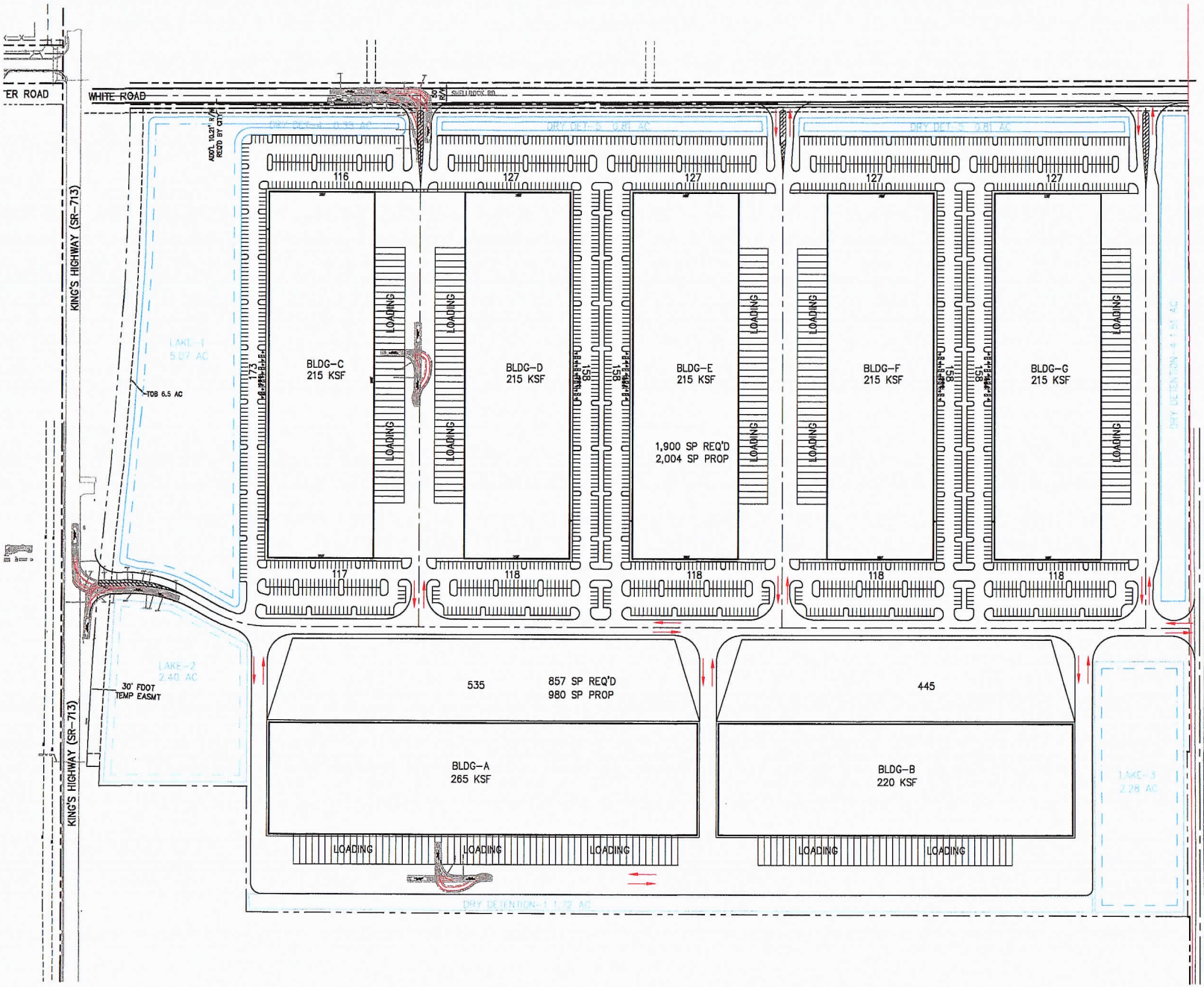
Figure 3

Driveway Volumes

Kings Highway Commerce Center

APPENDIX A

SITE PLAN



AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

100' 0 50' 100' 200'

SCALE: 1" = 100'

LOT AREA 108 AC
BLDG AREA 1,560,000 SF
WAREHOUSE 1,460,000 SF
OFFICE 100,000 SF
PARKING REQ'D 2,767 SP
PROP 2,984 SP

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
JHI@bellsouth.net

Kings Highway Development Partners, LLC
Fort Pierce, Florida

CONCEPTUAL SITE PLAN

DATE 07-13-2006
SCALE 1" = 100'
DESIGNED BY JHI
DRAWN BY JLT

SEAL

JOB NO. 0605-939
SHEET NO. CSP-2

APPENDIX B

ST. LUCIE COUNTY 2019/2020 LEVEL OF SERVICE REPORT
&
FDOT 2020 QUALITY LEVEL OF SERVICE

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						Volume	LOS	V/C	Volume	LOS	V/C
GEORGIA AVE	OKEECHOBEE RD to 17TH ST	667	4,700	2020	750	290	C	0.784	262	C	0.708
GEORGIA AVE	17TH ST to 13TH ST	508	4,733	2019	600	264	C	0.880	268	C	0.893
GEORGIA AVE	13TH ST to 7TH ST	506	2,169	2019	600	134	C	0.447	137	C	0.457
GEORGIA AVE	7TH ST to US 1	504	1,938	2019	600	122	C	0.407	135	C	0.450
GILSON RD	MARTIN C.L. to BECKER RD	111	11,000	2019	710	949	F	1.249	954	F	1.255
GILSON RD	BECKER RD to LAKERIDGE DR	111	11,000	2019	540	949	F	1.636	954	F	1.645
GLADES CUT-OFF RD	RANGE LINE RD to RESERVE BLVD	668	2,833	2017	1,070	200	B	0.526	252	B	0.663
GLADES CUT-OFF RD	RESERVE BLVD to COMMERCE CENTER DR	119	3,585	2016	1,070	332	B	0.874	332	B	0.874
GLADES CUT-OFF RD	CARLTON RD to RANGE LINE RD	668	2,833	2017	390	200	B	0.909	252	C	0.646
GLADES CUT-OFF RD	COMMERCE CENTER DR to MIDWAY RD	940279	2,770	2017	920	210	C	0.241	192	C	0.221
GLADES CUT-OFF RD	MIDWAY RD to JENKINS RD	115	12,500	2020	790	669	D	0.847	687	D	0.870
GLADES CUT-OFF RD	JENKINS RD to SELVITZ RD	113	6,600	2020	830	370	C	0.474	385	C	0.494
GRAHAM RD	KINGS HWY to JENKINS RD	669	3,733	2017	630	255	C	0.425	243	C	0.405
GREEN RIVER PKWY	MARTIN C.L. to CHARLESTON DR	319	4,759	2018	1,070	337	B	0.887	332	B	0.874
GREEN RIVER PKWY	CHARLESTON DR to MELALEUCA BLVD	319	4,759	2018	1,070	337	B	0.887	332	B	0.874
GREEN RIVER PKWY	MELALEUCA BLVD to WALTON RD	319	4,759	2018	1,070	337	B	0.887	332	B	0.874
HARTMAN RD	OKEECHOBEE RD to PETERSON RD	670	5,867	2017	750	388	D	0.517	357	C	0.965
HARTMAN RD	PETERSON RD to DELAWARE AVE	670	5,867	2017	540	388	D	0.719	357	D	0.661
HARTMAN RD	DELAWARE AVE to ORANGE AVE	670	5,867	2017	790	388	C	0.995	357	C	0.915
HEADER CANAL RD	OKEECHOBEE RD to ORANGE AVE	121	560	2019	670	46	B	0.209	56	B	0.255
HILLMOOR DR	US 1 to LENNARD RD	671	5,900	2019	790	306	C	0.785	389	C	0.997
I-95	GATLIN BLVD to ST LUCIE WEST BLVD	941901	79,065	2017	4,580	4,048	C	0.884	3,657	C	0.798
I-95	ST LUCIE WEST BLVD to MIDWAY RD	941904	63,486	2017	4,580	3,571	C	0.780	3,079	B	0.916
I-95	MIDWAY RD to OKEECHOBEE RD	941902	75,846	2017	4,580	4,578	C	10	3,717	C	0.812
I-95	OKEECHOBEE RD to ORANGE AVE	941903	45,500	2009	7,320	1,822	B	0.405	1,894	B	0.421

B-1

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						Volume	LOS	V/C	Volume	LOS	V/C
I-95	ORANGE AVE to INDRIO RD	941905	43,452	2017	7,320	2,090	B	0.464	1,924	B	0.428
INDIAN RIVER DR	CITRUS AVE to ORANGE AVE	945029	5,228	2017	750	311	C	0.841	356	C	0.962
INDIAN RIVER DR	ORANGE AVE to AVENUE A	940003	5,888	2017	750	344	C	0.930	335	C	0.905
INDIAN RIVER DR	AVENUE D to SEAWAY DR	940004	5,971	2017	790	349	C	0.895	411	D	0.520
INDIAN RIVER DR	AVENUE A to AVENUE D	940004	5,971	2017	540	349	D	0.646	411	D	0.761
INDRIO RD	PRIVATE RD to I-95 W RAMP	940128	951	2017	1,080	69	B	0.168	75	B	0.183
INDRIO RD	I-95 W RAMP to I-95 E RAMP	940128	951	2017	3,240	69	B	0.038	75	B	0.041
INDRIO RD	I-95 E RAMP to KOBLEGARD RD	940038	10,455	2017	3,240	598	B	0.330	629	B	0.348
INDRIO RD	KOBLEGARD RD to JOHNSTON RD	940038	10,455	2017	700	598	C	0.906	629	C	0.953
INDRIO RD	JOHNSTON RD to EMERSON AVE	940038	10,455	2017	880	598	C	0.720	629	C	0.758
INDRIO RD	EMERSON RD to SEMINOLE RD	940281	9,876	2017	920	595	C	0.684	501	C	0.576
INDRIO RD	SEMINOLE RD to KINGS HWY	940281	9,876	2017	790	595	D	0.753	501	D	0.634
INDRIO RD	KINGS HWY to SLASH PINE TRL	114	6,600	2020	790	422	D	0.534	413	D	0.523
INDRIO RD	SLASH PINE TRL to US 1	114	6,600	2020	920	422	C	0.485	413	C	0.475
INDRIO RD	US 1 to OLD DIXIE HWY	672	917	2016	750	64	C	0.173	86	C	0.232
JENNINGS RD	US 1 to LENNARD RD	673	4,600	2016	2,100	304	C	0.151	248	C	0.123
JENKINS RD	EDWARDS RD to OKEECHOBEE RD	133	10,500	2020	880	549	C	0.661	553	C	0.666
JENKINS RD	OKEECHOBEE RD to GRAHAM RD	131	10,500	2020	920	593	C	0.682	569	C	0.654
JENKINS RD	GRAHAM RD to PETERSON RD	131	10,500	2020	630	593	C	0.988	569	C	0.948
JENKINS RD	PETERSON RD to ORANGE AVE	131	10,500	2020	920	593	C	0.682	569	C	0.654
JOHNSTON RD	ANGLE RD to L20	674	2,600	2016	1,070	176	B	0.463	171	B	0.450
JOHNSTON RD	L20 to MEADOWOOD DR	675	2,233	2017	1,070	142	B	0.374	138	B	0.363
JOHNSTON RD	MEADOWOOD DR to OLD JOHNSTON RD	675	2,233	2017	1,070	142	B	0.374	138	B	0.363
JOHNSTON RD	OLD JOHNSTON RD to INDRIO RD	675	2,233	2017	1,070	142	B	0.374	138	B	0.363
JOHNSTON RD	INDRIO RD to RUSSOS RD	135	9,600	2020	1,070	544	C	0.716	545	C	0.717

B-2

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						Volume	LOS	V/C	Volume	LOS	V/C
JOHNSTON RD	RUSSOS RD to INDIAN RIVER C.L.	135	9,600	2020	1,070	544	C	0.716	545	C	0.717
JUANITA AVE	53RD ST to 25TH ST	122	2,432	2017	750	157	C	0.424	143	C	0.386
JUANITA AVE	25TH ST to US 1	120	3,321	2017	750	185	C	0.500	182	C	0.492
KEEN RD	ANGLE RD to JUANITA AVE	129	2,885	2019	630	174	C	0.290	203	C	0.338
KEEN RD	JUANITA AVE to ST LUCIE BLVD	129	2,885	2019	630	174	C	0.290	203	C	0.338
KINGS HWY	OKEECHOBEE RD to CROSSROADS PKWY	940757	8,234	2017	830	361	C	0.435	369	C	0.445
KINGS HWY	CROSSROADS PKWY to GRAHAM RD	940757	8,234	2017	660	361	C	0.547	369	C	0.559
KINGS HWY	GRAHAM RD to PICOS RD	940076	8,216	2017	660	405	C	0.614	389	C	0.589
KINGS HWY	PICOS RD to ORANGE AVE	940076	8,216	2017	830	405	C	0.488	389	C	0.469
KINGS HWY	ORANGE AVE to ANGLE RD	940077	16,792	2017	870	885	D	0.962	890	D	0.967
KINGS HWY	ANGLE RD to ST LUCIE BLVD	940751	11,394	2017	830	627	C	0.755	630	C	0.759
KINGS HWY	ST LUCIE BLVD to INDRIO RD	940006	13,481	2017	830	836	D	0.950	786	C	0.947
KITTERMAN RD	OLEANDER AVE to US 1	124	3,402	2018	750	224	C	0.605	203	C	0.549
KITTERMAN RD	US 1 to LENNARD EXT	678	2,250	2017	750	128	C	0.346	130	C	0.351
KIRBY LOOP RD	EDWARDS RD to 35TH ST	677	4,479	2016	630	296	C	0.493	362	C	0.603
LENNARD RD	US 1 to MARIPOSA AVE	325	18,500	2019	1,710	953	D	0.557	984	D	0.575
LENNARD RD	MARIPOSA AVE to MELALEUCA BLVD	325	18,500	2019	1,710	953	D	0.557	984	D	0.575
LENNARD RD	MELALEUCA BLVD to JENNINGS RD	325	18,500	2019	1,630	953	D	0.585	984	D	0.604
LENNARD RD	JENNINGS RD to HILLMOOR DR	325	18,500	2019	1,710	953	D	0.557	984	D	0.575
LENNARD RD	HILLMOOR DR to TIFFANY AVE	325	18,500	2019	1,710	953	D	0.557	984	D	0.575
LENNARD RD	TIFFANY AVE to WALTON RD	323	5,765	2016	1,710	301	C	0.391	305	C	0.396
LENNARD RD	WALTON RD to S OF SAVANNA CLUB BLVD	679	4,455	2016	790	390	C	10	381	C	0.977
LYNGATE DR	VETERANS MEMORIAL PKWY to MORNINGSIDE BLVD	306	9,400	2020	920	588	C	0.676	626	C	0.720
LYNGATE DR	MORNINGSIDE BLVD to US 1	306	9,400	2020	920	588	C	0.676	626	C	0.720
MARIPOSA AVE	LENNARD RD to HALLAHAN ST	166	6,400	2019	880	485	C	0.584	686	C	0.827

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						Volume	LOS	V/C	Volume	LOS	V/C
OHIO AVE	SUNRISE BLVD to COLONIAL RD	686	4,250	2017	540	252	C	0.933	246	C	0.911
OHIO AVE	COLONIAL RD to US 1	686	4,250	2017	750	252	C	0.681	246	C	0.665
OKEECHOBEE RD	OKEECHOBEE C.L. to BLUEFIELD RD	687	10,500	2020	1,010	540	B	0.535	528	B	0.523
OKEECHOBEE RD	BLUEFIELD RD to CARLTON RD	687	10,500	2020	1,270	540	B	0.425	528	B	0.416
OKEECHOBEE RD	CARLTON RD to SNEED RD	940039	6,541	2017	1,340	348	B	0.260	340	B	0.254
OKEECHOBEE RD	IDEAL HOLDING RD to HEADER CANAL RD	940039	6,541	2017	1,340	348	B	0.260	340	B	0.254
OKEECHOBEE RD	SNEED RD to IDEAL HOLDING RD	940039	6,541	2017	1,340	348	B	0.260	340	B	0.254
OKEECHOBEE RD	HEADER CANAL RD to MIDWAY RD	940039	6,541	2017	1,740	348	B	0.200	340	B	0.195
OKEECHOBEE RD	MIDWAY RD to SHINN RD	940039	6,541	2017	1,740	348	B	0.200	340	B	0.195
OKEECHOBEE RD	SHINN RD to MCCARTY RD	940195	6,025	2017	1,810	327	B	0.181	327	B	0.181
OKEECHOBEE RD	MCCARTY RD to FLORIDA'S TURNPIKE	940025	7,551	2017	1,810	378	B	0.209	391	B	0.216
OKEECHOBEE RD	FLORIDA'S TURNPIKE to KINGS HWY	940025	7,551	2017	2,010	378	C	0.188	391	C	0.195
OKEECHOBEE RD	KINGS HWY to CROSSROADS PKWY	940748	21,250	2017	4,170	960	C	0.230	1,013	C	0.243
OKEECHOBEE RD	CROSSROADS PKWY to I-95	940106	24,585	2017	4,170	1,063	C	0.255	1,086	C	0.260
OKEECHOBEE RD	I-95 to JENKINS RD	940029	30,244	2017	4,240	1,976	C	0.474	1,709	C	0.410
OKEECHOBEE RD	JENKINS RD to MCNEIL RD	940029	30,244	2017	4,040	1,976	C	0.498	1,709	C	0.430
OKEECHOBEE RD	MCNEIL RD to VIRGINIA AVE	940742	28,870	2017	3,170	1,580	C	0.511	1,649	C	0.534
OKEECHOBEE RD	VIRGINIA AVE to HARTMAN RD	688	12,500	2020	2,100	687	C	0.342	727	C	0.362
OKEECHOBEE RD	HARTMAN RD to 35TH ST	688	12,500	2020	1,630	687	C	0.941	727	C	0.996
OKEECHOBEE RD	35TH ST to 33RD ST	689	17,000	2020	1,630	922	D	0.566	902	D	0.553
OKEECHOBEE RD	33RD ST to 25TH ST	689	17,000	2020	1,630	922	D	0.566	902	D	0.553
OKEECHOBEE RD	25TH ST to GEORGIA AVE	690	13,500	2020	1,630	777	D	0.477	738	D	0.453
OKEECHOBEE RD	GEORGIA AVE to DELAWARE AVE	690	13,500	2020	1,710	777	D	0.454	738	C	0.958
OLD DIXIE HWY	US 1 to SR A1A NORTH	691	5,150	2017	790	400	D	0.506	363	C	0.931
OLD DIXIE HWY	SR A1A NORTH to ST LUCIE BLVD	948521	1,383	2017	750	65	C	0.176	65	C	0.176

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OLD DIXIE HWY	ST LUCIE BLVD to INDRIO RD	227	2,041	2016	790	150	C	0.385	116	C	0.297
OLD DIXIE HWY	INDRIO RD to INDIAN RIVER C.L.	948523	1,227	2017	870	57	C	0.069	57	C	0.069
OLEANDER AVE	BEACH AVE to KITTERMAN RD	692	2,900	2017	540	175	C	0.648	193	C	0.715
OLEANDER AVE	KITTERMAN RD to MIDWAY RD	141	6,498	2017	750	406	D	0.541	426	D	0.568
OLEANDER AVE	MIDWAY RD to WEATHERBEE RD	139	7,100	2020	750	388	D	0.517	421	D	0.561
OLEANDER AVE	WEATHERBEE RD to BELL AVE	139	7,100	2020	540	388	D	0.719	421	D	0.780
OLEANDER AVE	BELL AVE to FARMER'S MARKET RD	240	12,500	2020	540	671	F	1.157	647	F	1.116
OLEANDER AVE	FARMER'S MARKET RD to EDWARDS RD	240	12,500	2020	750	671	D	0.895	647	D	0.863
OLEANDER AVE	EDWARDS RD to WISTERIA AVE	505	10,000	2020	750	611	D	0.815	554	D	0.739
OLEANDER AVE	WISTERIA AVE to GARDENIA AVE	505	10,000	2020	540	611	F	1.053	554	E	0.955
OLEANDER AVE	GARDENIA AVE to VIRGINIA AVE	505	10,000	2020	790	611	D	0.773	554	D	0.701
OLEANDER AVE	VIRGINIA AVE to SUNRISE BLVD	503	4,561	2019	600	259	C	0.863	270	C	0.900
ORANGE AVE	OKEECHOBEE C.L. to SNEED RD	144	4,780	2019	390	300	C	0.769	293	C	0.751
ORANGE AVE	SNEED RD to HEADER CANAL RD	144	4,780	2019	390	300	C	0.769	293	C	0.751
ORANGE AVE	SHINN RD to CAMPBELL RD	940144	2,722	2017	380	149	B	0.355	149	B	0.355
ORANGE AVE	CAMPBELL RD to KINGS HWY	940144	2,722	2017	1,070	149	B	0.355	149	B	0.355
ORANGE AVE	KINGS HWY to I-95	940041	18,112	2017	2,000	780	C	0.388	786	C	0.391
ORANGE AVE	I-95 to JENKINS RD	940035	14,009	2017	2,000	962	C	0.479	905	C	0.450
ORANGE AVE	JENKINS RD to HARTMAN RD	940028	14,189	2017	2,000	764	C	0.380	710	C	0.353
ORANGE AVE	HARTMAN RD to ANGLE RD	940028	14,189	2017	2,000	764	C	0.380	710	C	0.353
ORANGE AVE	ANGLE RD to 25TH ST	940151	10,749	2013	1,710	847	D	0.495	985	D	0.576
ORANGE AVE	25TH ST to 17TH ST	945040	13,196	2017	1,630	690	C	0.945	757	D	0.464
ORANGE AVE	17TH ST to 13TH ST	945040	13,196	2017	1,710	690	C	0.896	757	C	0.983
ORANGE AVE	13TH ST to 10TH ST	945040	13,196	2017	370	690	D	0.920	757	E	0.946
ORANGE AVE	10TH ST to 7TH ST	940155	8,760	2017	300	443	D	0.738	509	D	0.848

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St. Lucie Transportation Planning Organization

Coco Vista Centre
466 SW Port St. Lucie Blvd, Suite 111
Port St. Lucie, FL 34953
772-462-1593 www.stlucietpo.org

Traffic Counts and Level of Service Report
Fall/Winter 2019/2020

Roadway Name	Location	STATION ID	AADT	Last Count Year	Pk Hr Service Capacity	AM Pk Hr Pk Dir			PM Pk Hr Pk Dir		
						Volume	LOS	V/C	Volume	LOS	V/C
US 1	AVENUE H to OLD DIXIE HWY	715	33,500	2020	2,000	1,766	C	0.925	1,742	C	0.912
US 1	OLD DIXIE HWY to AVENUE O	940123	22,051	2017	2,000	1,530	C	0.801	1,196	C	0.626
US 1	AVENUE O to SR A1A NORTH	940123	22,051	2017	2,100	1,530	C	0.761	1,196	C	0.595
US 1	SR A1A NORTH to JUANITA AVE	940010	17,583	2017	2,100	1,055	C	0.525	845	C	0.420
US 1	JUANITA AVE to ST LUCIE BLVD	940010	17,583	2017	2,100	1,055	C	0.525	845	C	0.420
US 1	ST LUCIE BLVD to 25TH ST	940009	17,126	2017	2,100	1,020	C	0.507	978	C	0.487
US 1	25TH ST to INDRIO RD	940009	17,126	2017	2,100	1,020	C	0.507	978	C	0.487
US 1	INDRIO RD to TURNPIKE FEEDER RD	940107	20,188	2017	2,100	1,099	C	0.547	1,092	C	0.543
US 1	TURNPIKE FEEDER RD to INDIAN RIVER C.L.	940107	20,188	2017	2,100	1,099	C	0.547	1,092	C	0.543
VETERANS MEMORIAL PKWY	PORT ST LUCIE BLVD to LYNGATE DR	329	14,500	2019	2,100	779	C	0.388	817	C	0.406
VETERANS MEMORIAL PKWY	LYNGATE DR to US 1	327	14,911	2017	2,100	756	C	0.376	804	C	0.400
VILLAGE GREEN DR	US 1 to WALTON RD	716	9,600	2017	2,100	619	C	0.308	575	C	0.286
VILLAGE GREEN DR	WALTON RD to TIFFANY AVE	717	4,633	2017	920	249	C	0.286	235	C	0.270
VIRGINIA AVE	35TH ST to 25TH ST	940032	21,557	2017	3,020	1,111	C	0.378	1,083	C	0.368
VIRGINIA AVE	OKEECHOBEE RD to HARTMAN RD	940030	22,011	2017	3,020	1,169	C	0.398	1,126	C	0.383
VIRGINIA AVE	HARTMAN RD to 35TH ST	940030	22,011	2017	3,020	1,169	C	0.398	1,126	C	0.383
VIRGINIA AVE	25TH ST to 13TH ST	940033	20,913	2017	3,020	1,093	C	0.372	1,164	C	0.396
VIRGINIA AVE	13TH ST to 11TH ST	940794	22,873	2017	3,020	1,101	C	0.374	1,101	C	0.374
VIRGINIA AVE	11TH ST to SUNRISE BLVD	940794	22,873	2017	3,170	1,101	C	0.356	1,101	C	0.356
VIRGINIA AVE	SUNRISE BLVD to OLEANDER AVE	940792	19,519	2017	3,020	1,063	C	0.362	992	C	0.337
VIRGINIA AVE	OLEANDER AVE to COLONIAL RD	940034	18,483	2017	3,170	1,043	C	0.338	1,020	C	0.330
VIRGINIA AVE	COLONIAL RD to US 1	940034	18,483	2017	3,020	1,043	C	0.355	1,020	C	0.347
VILLAGE PKWY	DISCOVERY WAY to TRADITION PKWY	718	14,000	2019	2,650	732	C	0.595	797	C	0.648
VILLAGE PKWY	BECKER RD to DISCOVERY WAY	718	14,000	2019	1,710	732	C	0.951	797	D	0.466
VILLAGE PKWY	TRADITION PKWY to WESTCLIFFE LN	719	23,000	2019	1,710	1,208	D	0.706	1,265	D	0.740

B-6

*. Note: A six digit number in the "STATION ID" column identifies segment counted by FDOT

* Volumes shown were adjusted using FDOT Seasonal Factors

* AADT = Annual Average Daily Traffic (volumes for both directions where applicable)

*** Counts with an ID format of 6 digits have data extracted from FDOT count stations.**

TABLE 7 Generalized **Peak Hour Directional** Volumes for Florida's Urbanized Areas

January 2020

INTERRUPTED FLOW FACILITIES

STATE SIGNALIZED ARTERIALS

Class I (40 mph or higher posted speed limit)

Lanes	Median	B	C	D	E
1	Undivided	*	830	880	**
2	Divided	*	1,910	2,000	**
3	Divided	*	2,940	3,020	**
4	Divided	*	3,970	4,040	**

Class II (35 mph or slower posted speed limit)

Lanes	Median	B	C	D	E
1	Undivided	*	370	750	800
2	Divided	*	730	1,630	1,700
3	Divided	*	1,170	2,520	2,560
4	Divided	*	1,610	3,390	3,420

Non-State Signalized Roadway Adjustments

(Alter corresponding state volumes by the indicated percent.)

Non-State Signalized Roadways - 10%

Median & Turn Lane Adjustments

Lanes	Median	Exclusive Left Lanes	Exclusive Right Lanes	Adjustment Factors
1	Divided	Yes	No	+5%
1	Undivided	No	No	-20%
Multi	Undivided	Yes	No	-5%
Multi	Undivided	No	No	-25%
–	–	–	Yes	+ 5%

One-Way Facility Adjustment

Multiply the corresponding directional volumes in this table by 1.2

BICYCLE MODE[2]

(Multiply vehicle volumes shown below by number of directional roadway lanes to determine two-way maximum service volumes.)

Paved Shoulder/Bicycle Lane Coverage	B	C	D	E
0-49%	*	150	390	1,000
50-84%	110	340	1,000	>1,000
85-100%	470	1,000	>1,000	**

PEDESTRIAN MODE[2]

(Multiply vehicle volumes shown below by number of directional roadway lanes to determine two-way maximum service volumes.)

Sidewalk Coverage	B	C	D	E
0-49%	*	*	140	480
50-84%	*	80	440	800
85-100%	200	540	880	>1,000

BUS MODE (Scheduled Fixed Route)[3]

(Buses in peak hour in peak direction)

Sidewalk Coverage	B	C	D	E
0-84%	> 5	≥ 4	≥ 3	≥ 2
85-100%	> 4	≥ 3	≥ 2	≥ 1

UNINTERRUPTED FLOW FACILITIES

FREEWAYS

Core Urbanized

Lanes	B	C	D	E
2	2,230	3,100	3,740	4,080
3	3,280	4,570	5,620	6,130
4	4,310	6,030	7,490	8,170
5	5,390	7,430	9,370	10,220
6	6,380	8,990	11,510	12,760

Urbanized

Lanes	B	C	D	E
2	2,270	3,100	3,890	4,230
3	3,410	4,650	5,780	6,340
4	4,550	6,200	7,680	8,460
5	5,690	7,760	9,520	10,570

Freeway Adjustments

Auxiliary Lane	Ramp Metering
+ 1,000	+ 5%

UNINTERRUPTED FLOW HIGHWAYS

Lanes	Median	B	C	D	E
1	Undivided	580	890	1,200	1,610
2	Divided	1,800	2,600	3,280	3,730
3	Divided	2,700	3,900	4,920	5,600

Uninterrupted Flow Highway Adjustments

Lanes	Median	Exclusive left lanes	Adjustment factors
1	Divided	Yes	+5%
Multi	Undivided	Yes	-5%
Multi	Undivided	No	-25%

[1]Values shown are presented as peak hour directional volumes for levels of service and are for the automobile/truck modes unless specifically stated. This table does not constitute a standard and should be used only for general planning applications. The computer models from which this table is derived should be used for more specific planning applications. The table and deriving computer models should not be used for corridor or intersection design, where more refined techniques exist. Calculations are based on planning applications of the HCM and the Transit Capacity and Quality of Service Manual.

[2] Level of service for the bicycle and pedestrian modes in this table is based on number of vehicles, not number of bicyclists or pedestrians using the facility.

[3] Buses per hour shown are only for the peak hour in the single direction of the higher traffic flow.

* Cannot be achieved using table input value defaults.

** Not applicable for that level of service letter grade. For the automobile mode, volumes greater than level of service D become F because intersection capacities have been reached. For the bicycle mode, the level of service letter grade (including F) is not achievable because there is no maximum vehicle volume threshold using table input value defaults.

Source:
Florida Department of Transportation
Systems Implementation Office
https://www.fdot.gov/planning/systems/

APPENDIX C

OTHER PROJECT DATA/GROWTH RATE

AM APPROVED PROJECTS

| Road Name | From | To | Creekside % | Creekside Daily | Creekside Two-Way Trips | Creekside In or Out | Creekside In/Out % | Creekside Directional In/Out | Creekside Directional S/W | Palm Beaches Club % | Palm Beaches Club Daily | Palm Beaches Club Two-Way Trips | Palm Beaches Club In/Out % or Out | Palm Beaches Club Directional In/Out | Palm Beaches Club Directional S/W | RDA % | RDA Daily | RDA Two-Way Trips | RDA Directional In/Out | RDA Directional S/W | 10 Acre Residential Development % | 10 Acre Residential Development Daily | 10 Acre Residential Development Two-Way Trips | 10 Acre Residential Development Directional In/Out | 10 Acre Residential Development Directional S/W | 10 Village of Samoset Sales St. Lucie County % | 10 Village of Samoset Sales St. Lucie County Daily | 10 Village of Samoset Sales St. Lucie County Two-Way Trips | 10 Village of Samoset Sales St. Lucie County Directional In/Out | 10 Village of Samoset Sales St. Lucie County Directional S/W | Mariner Cove Ft. Pierce % | Mariner Cove Ft. Pierce Daily | Mariner Cove Ft. Pierce Two-Way Trips | Mariner Cove Ft. Pierce Directional In/Out | Mariner Cove Ft. Pierce Directional S/W | 61 Boat Creek @ 30% Complete City of Fort Pierce % | 61 Boat Creek @ 30% Complete City of Fort Pierce Daily | 61 Boat Creek @ 30% Complete City of Fort Pierce Two-Way Trips | 61 Boat Creek @ 30% Complete City of Fort Pierce Directional In/Out | 61 Boat Creek @ 30% Complete City of Fort Pierce Directional S/W | 64 Celebration Pointe @15% Complete City of Fort Pierce % | 64 Celebration Pointe @15% Complete City of Fort Pierce Daily | 64 Celebration Pointe @15% Complete City of Fort Pierce Two-Way Trips | 64 Celebration Pointe @15% Complete City of Fort Pierce Directional In/Out | 64 Celebration Pointe @15% Complete City of Fort Pierce Directional S/W | 17 Wilderness Oaks % | 17 Wilderness Oaks Daily | 17 Wilderness Oaks Two-Way Trips | 17 Wilderness Oaks Directional In/Out | 17 Wilderness Oaks Directional S/W | St. Lucie Commerce Center @25% Complete % | St. Lucie Commerce Center @25% Complete Daily | St. Lucie Commerce Center @25% Complete Two-Way Trips | St. Lucie Commerce Center @25% Complete Directional In/Out | St. Lucie Commerce Center @25% Complete Directional S/W | BHT Distribution % | BHT Distribution Daily | BHT Distribution Two-Way Trips | BHT Distribution Directional In/Out | BHT Distribution Directional S/W | Walsh Crossroads % | Walsh Crossroads Daily | Walsh Crossroads Two-Way Trips | Walsh Crossroads In/Out % or Out | Walsh Crossroads Directional In/Out | Walsh Crossroads Directional S/W | Peanut Hutchison % | Peanut Hutchison Daily | Peanut Hutchison Two-Way Trips | Peanut Hutchison Directional In/Out | Peanut Hutchison Directional S/W | SUM Daily | SUM 3 Way | SUM Directional W/E Residential | SUM Directional W/E Non-Residential | SUM Directional S/W Residential | SUM Directional S/W Non-Residential | Two Way | Directional W/E Double Count | Directional W/E Net | Directional S/W Double Count | Directional S/W Net |
|---|---|---

| PM APPROVED PROJECTS | | | 39 Acre Residential Development | | | | | 10 Village of Sunset Lakes St. Lucie County | | | | | Mariner Cove Ft. Pierce | | | | | 43 Bent Creek @ 50% Complete City of Port Pierce | | | | | 44 Celebration Pointe @25% Complete City of Port Pierce | | | | | 37 Whispering Oaks | | | | | St. Lucie Commerce Center @25% Complete | | | | | BHT Physiouition | | | | | Walsh Crossroads | | | | | Project Hurricane | | | | | SUM Daily | | SUM 2 Way | | SUM Directional N/E | | SUM Directional S/W | | Two Way | Directional N/E | | Directional S/W | |
|---|---|---

Historical Growth Rate Calculation

Segment	From	To	2015 AADT	2019 AADT	4 Year Historical Growth Rate
Okeechobee Blvd	I-95	McNeil Rd	28,500	33,000	3.73%
	McNeil Rd	Virginia Ave	26,500	30,500	3.58%
Jenkins Rd	Okeechobee Blvd	Orange Ave	9,600	9,200	-1.06%
Kings Hwy	Okeechobee Blvd	Graham Rd	6,300	7,600	4.80%
	Graham Rd	Orange Ave	8,400	7,000	-4.46%
Orange Ave	Kings Hwy	I-95	17,300	19,800	3.43%
	I-95	Jenkins Rd	13,600	15,300	2.99%
Virginia Ave	Okeechobee Blvd	35th St	21,000	21,000	0.00%
		Total	131,200	143,400	2.25%

*Source FDOT Historical Traffic Counts

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0030 - SR 70/VIRGINIA AVE - E OF OKEECHOBEE RD (COUNTY 30)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	21000 C	E 10500	W 10500	9.00	51.00	7.10
2018	21500 C	E 11000	W 10500	9.00	51.30	3.60
2017	20300 C	E 10500	W 9800	9.00	50.90	3.60
2016	22500 C	E 12000	W 10500	9.00	50.90	3.60
2015	21000 C	E 11000	W 10000	9.00	51.00	3.30
2014	20400 C	E 10500	W 9900	9.00	50.80	3.90
2013	21000 C	E 10500	W 10500	9.00	50.80	3.90
2012	21000 C	E 10500	W 10500	9.00	56.80	4.50
2011	23500 C	E 11500	W 12000	9.00	57.20	4.50
2010	22000 C	E 11500	W 10500	10.32	55.40	4.50
2009	22000 C	E 11000	W 11000	10.27	57.35	5.20
2007	16900 C	E 8900	W 8000	10.31	58.74	5.20
2006	20500 C	E 11000	W 9500	10.73	65.89	5.00
2005	22000 C	E 11500	W 10500	10.80	60.70	5.00
2004	20300 C	E 10500	W 9800	10.30	57.70	5.00

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0041 - SR 68 / ORANGE AVE - W OF SR 9/I-95 (COUNTY 41)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	19800 C	E 10500	W 9300	9.00	54.30	22.40
2018	21000 C	E 10500	W 10500	9.00	55.20	22.40
2017	19000 C	E 9800	W 9200	9.00	56.20	22.40
2016	21300 C	E 11500	W 9800	9.00	57.10	25.00
2015	17300 C	E 8500	W 8800	9.00	56.30	25.00
2014	15700 S	E 8000	W 7700	9.00	54.70	16.40
2013	15500 F	E 7900	W 7600	9.00	57.20	16.40
2012	15700 C	E 8000	W 7700	9.00	57.00	16.40
2011	17900 C	E 9000	W 8900	9.00	56.50	24.40
2010	18600 C	E 9400	W 9200	11.51	57.07	24.40
2009	16300 C	E 8200	W 8100	11.11	58.68	24.40
2008	26000 C	E 13000	W 13000	11.51	54.38	22.30
2007	27000 C	E 13500	W 13500	11.51	58.16	22.30
2006	18100 C	E 8700	W 9400	10.78	56.96	22.30
2005	18800 C	E 9700	W 9100	11.10	56.60	20.90
2004	18000 C	E 9000	W 9000	11.10	60.50	20.90

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
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V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0035 - SR 68 / ORANGE AVE - E OF SR 9/I-95 (COUNTY 35)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	15300 C	E 7600	W 7700	9.00	51.00	16.60
2018	13100 C	E 7000	W 6100	9.00	51.30	16.60
2017	15400 C	E 7300	W 8100	9.00	50.90	10.80
2016	13900 C	E 6700	W 7200	9.00	50.90	10.80
2015	13600 C	E 6700	W 6900	9.00	51.00	10.80
2014	12600 F	E 6200	W 6400	9.00	50.80	10.40
2013	12600 C	E 6200	W 6400	9.00	50.80	10.40
2012	13700 C	E 6700	W 7000	9.00	56.80	10.40
2011	12900 C	E 6600	W 6300	9.00	57.20	16.30
2010	13800 C	E 6800	W 7000	10.32	55.40	16.30
2009	12200 C	E 6000	W 6200	10.27	57.35	16.30
2008	13200 C	E 6600	W 6600	10.45	58.06	9.70
2007	15100 C	E 7500	W 7600	10.31	58.74	16.60
2006	12800 C	E 6300	W 6500	10.73	65.89	10.20
2005	13000 C	E 6700	W 6300	10.80	60.70	10.20
2004	12700 C	E 6500	W 6200	10.30	57.70	10.20

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0742 - SR 70/OKEECHOBEE RD - SW OF SR 70/VIRGINIA AVE (COUNTY 742)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	30500 C	E 14500	W 16000	9.00	51.00	4.60
2018	31500 C	E 16500	W 15000	9.00	51.30	4.60
2017	31500 C	E 15500	W 16000	9.00	50.90	12.00
2016	26000 C	E 15500	W 10500	9.00	50.90	12.00
2015	26500 C	E 11500	W 15000	9.00	51.00	12.00
2014	30000 C	E 15000	W 15000	9.00	50.80	6.10
2013	27000 C	E 12500	W 14500	9.00	50.80	3.80
2012	33000 C	E 16500	W 16500	9.00	56.80	3.80
2008	32500 C	E 16500	W 16000	10.45	58.06	6.70
2007	31500 C	E 15000	W 16500	10.31	58.74	7.40
2006	35500 C	E 18500	W 17000	10.73	65.89	5.00
2005	32500 C	E 16500	W 16000	10.80	60.70	5.70
2004	30000 C	E 15500	W 14500	10.30	57.70	5.70

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0029 - SR 70 / OKEECHOBEE RD - E OF SR 9/I-95 (COUNTY 29)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	33000 C	E 17000	W 16000	9.00	51.00	11.00
2018	31000 C	E 15000	W 16000	9.00	51.30	4.70
2017	34500 C	E 17500	W 17000	9.00	50.90	12.30
2016	28500 F	E 14000	W 14500	9.00	50.90	12.30
2015	28500 C	E 14000	W 14500	9.00	51.00	12.30
2014	25500 F	E 14000	W 11500	9.00	50.80	4.90
2013	25500 C	E 14000	W 11500	9.00	50.80	4.90
2012	28000 C	E 14000	W 14000	9.00	56.80	4.90
2011	30500 C	E 15500	W 15000	9.00	57.20	10.90
2010	30500 C	E 15500	W 15000	10.32	55.40	10.90
2009	26500 C	E 13000	W 13500	10.27	57.35	10.90
2008	29500 C	E 15500	W 14000	10.45	58.06	6.70
2007	33000 C	E 17000	W 16000	10.31	58.74	5.20
2006	31000 C	E 16000	W 15000	10.73	65.89	16.00
2005	26500 C	E 13500	W 13000	10.80	60.70	16.00
2004	28000 C	E 14000	W 14000	10.30	57.70	16.00

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0757 - SR 713 / KINGS HWY - N OF SR 70/OKEECHOBEE RD (COUNTY 757)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	7600 C	N 3700	S 3900	9.00	54.30	23.40
2018	13600 C	N 6500	S 7100	9.00	55.20	23.90
2017	12800 C	N 6100	S 6700	9.00	56.20	23.90
2016	6400 C	N 3100	S 3300	9.00	57.10	23.90
2015	6300 C	N 3000	S 3300	9.00	56.30	26.90
2014	9100 C	N 3900	S 5200	9.00	54.70	46.50
2013	6000 C	N 3000	S 3000	9.00	57.20	17.40
2012	5400 C	N 2700	S 2700	9.00	57.00	17.40
2011	6200 C	N 3200	S 3000	9.00	56.50	22.90
2010	13500 C	N 6800	S 6700	11.51	57.07	22.90
2009	8000 C	N 4000	S 4000	11.11	58.68	22.90
2008	7400 C	N 3500	S 3900	11.51	54.38	23.20
2007	8900 C	N 4400	S 4500	11.51	58.16	25.50
2006	7300 C	N 3600	S 3700	10.78	56.96	25.50
2005	7900 C	N 3900	S 4000	11.10	56.60	18.10
2004	7200 C	N 3500	S 3700	11.10	60.50	18.10

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0076 - SR 713/KINGS HWY - S OF SR 68/ORANGE AVE (COUNTY 76)

YEAR	AADT	DIRECTION 1		DIRECTION 2		*K FACTOR	D FACTOR	T FACTOR
2019	7000 C	N	3500	S	3500	9.00	54.30	22.80
2018	9700 C	N	4600	S	5100	9.00	55.20	22.80
2017	9500 C	N	4700	S	4800	9.00	56.20	22.80
2016	9600 C	N	4600	S	5000	9.00	57.10	32.40
2015	8400 C	N	4100	S	4300	9.00	56.30	32.40
2014	7900 C	N	3800	S	4100	9.00	54.70	19.90
2013	7200 C	N	3400	S	3800	9.00	57.20	14.20
2012	7100 C	N	3400	S	3700	9.00	57.00	14.20
2011	8000 C	N	3900	S	4100	9.00	56.50	17.20
2010	8900 C	N	4400	S	4500	11.51	57.07	17.20
2009	8000 C	N	3800	S	4200	11.11	58.68	17.20
2008	10600 C	N	5200	S	5400	11.51	54.38	11.20
2007	11100 C	N	5400	S	5700	11.51	58.16	7.90
2006	10600 C	N	5300	S	5300	10.78	56.96	17.30
2005	9900 C	N	4800	S	5100	11.10	56.60	17.30
2004	9400 C	N	4600	S	4800	11.10	60.50	17.30

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2019 HISTORICAL AADT REPORT

COUNTY: 94 - ST.LUCIE

SITE: 0273 - CR 611/JENKINS RD - N. OF SR 70/OKEECHOBEE RD (COUNTY 131)

YEAR	AADT	DIRECTION 1		DIRECTION 2		*K FACTOR	D FACTOR	T FACTOR
2019	9200 C	N	4600	S	4600	9.00	51.00	7.80
2018	10000 V	N	4400	S	5600	9.00	51.30	5.80
2017	9900 R	N	4400	S	5500	9.00	50.90	10.00
2016	9700 T	N	4300	S	5400	9.00	50.90	6.20
2015	9600 S	N	4300	S	5300	9.00	51.00	41.80
2014	9600 F	N	4300	S	5300	9.00	50.80	49.50
2013	9600 C	N	4300	S	5300	9.00	50.80	11.90
2012	7100 S	N	3600	S	3500	9.00	56.80	4.80
2011	7100 F	N	3600	S	3500	9.00	57.20	4.80
2010	7100 C	N	3600	S	3500	10.32	55.40	4.80
2009	8500 C	N	4200	S	4300	10.27	57.35	10.70
2008	9100 C	N	4500	S	4600	10.45	58.06	6.60

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

- Administration
  - Airport
  - Legislative Affairs
  - Port of Fort Pierce
  - TCERDA
    - Sunshine Kitchen
    - Sunshine Kitchen Tenants
  - Tourism
  - Citizens Academy
  - Innovation and Performance
  - National Community Survey
  - Strategic Plan
  - State and Federal Awards

Treasure Coast Research Park



St. Lucie County is actively sowing the seeds of the future by creating a Research, Education and Development Park (Research Park) in Fort Pierce, Florida. It currently comprised of 356 acres with future additions bringing the total acreage to more than 1,000 acres.

The St. Lucie Board of County Commissioners and the University of Florida collectively created this agriculturally-and-biotechnologically-focused Research Park on Florida's east coast. The county created Treasure Coast Education and Research Development Authority, comprised of local agricultural experts, real estate investors, financial advisors and educators, to help manage and develop the park.

The Research and Biotech Park is anchored by the USDA's 170,000-square-foot Horticultural Research Laboratory and the 90,000-square-foot University of Florida's Institute of Food and Agricultural Sciences' Research and Education Center. The Treasure Coast Research Park is home to more than 200 multi-disciplinary researchers, scientists, educators and staff.

The Sunshine Kitchen, a 10,000-square-foot facility, located inside the Research Park, is a professionally equipped, commercial kitchen and research lab designed to help entrepreneurs in the development of commercially viable food ventures.

With over three square miles of land, the park is planned for 3.3 million square feet of research and advanced manufacturing development and 800 acres of agricultural test fields. Since its formation in 2005, the Treasure Coast Education and Research & Development Authority (TCERDA) has guided the planning and operation of the Park.

In recent years, the county has invested millions in state and federal grants to make sure the park has the infrastructure it needs to be shovel ready for expansion. The Research Park is located at off Kings Highway and Pruitt Road in Fort Pierce.

For more information contact TCERDA Coordinator Regina McCants at 772-467-3107 or McCantsRe@stlucieco.org.

APPENDIX D

ARTERIAL ANALYSIS

ARTPLAN 2012 Conceptual Planning Analysis

Project Information

Analyst	James Kemp	**Arterial Name**	Jenkins Road	**Study Period**	**Dir Hr Demand Vol**
Date Prepared	2/17/2021 11:00:15 AM	**From**	Orange Ave	**Modal Analysis**	Auto Only
Agency	O'Rourke Engineering & Planning	**To**	Okeechobee Rd	**Program**	ARTPLAN 2012
Area Type	Other Urbanized	**Peak Direction**	Southbound	**Version Date**	12/12/2012
Arterial Class	1				
File Name	C:\Users\SOR2\Documents\Projects\St. Lucie County\JHI Acreage\Artplan Analysis\Jenkins Rd - AM - SB.xap				
User Notes	SB - AM Peak Hour				

Arterial Data

K	0.09	**PHF**	0.95	**Control Type**	FullyActuated
D	0.565	**% Heavy Vehicles**	2	**Base Sat. Flow Rate**	1950

Automobile Intersection Data

Cross Street	Cycle Length	Thru g/C	Arr. Type	INT # Dir.Lanes	% Left Turns	% Right Turns	Left Turn Lanes	Left Turn Phasing	# Left Turn Lanes	LT Storage Length	Left g/C	Right Turn Lanes
Okeechobee Rd	160	0.18	3	2	45	9	Yes	Protected	2	470	0.16	Yes

Automobile Segment Data

Segment #	Length	AADT	Hourly Vol.	SEG # Dir.Lanes	Posted Speed	Free Flow Speed	Median Type	On-Street Parking	Parking Activity
1 (to Okeechobee Rd)	10824	10500	793	1	45	50	None	No	N/A

Automobile LOS

Segment #	Thru Mvmt Flow Rate	Adj. Sat. Flow Rate	v/c	Control Delay	Int. Approach LOS	Queue Ratio	Speed (mph)	Segment LOS
1 (to Okeechobee Rd)	384	3018	0.023	54.02	D	0.51	35.08	B

Arterial Length	2.0614	Weighted g/C	0.18	FFS Delay	63.97	Threshold Delay	0.00	Auto Speed	35.08	Auto LOS	B

Automobile Service Volumes

Note: The maximum normally acceptable directional service volume for LOS E in Florida for this facility type and area type is 1000 veh/h/ln.

	A	B	C	D	E
Lanes	**Hourly Volume In Peak Direction**				
1	510	840	***	***	***
2	1050	1640	***	***	***
3	1680	2460	***	***	***
4	2280	3300	***	***	***
*	510	840	***	***	***
Lanes	**Hourly Volume In Both Directions**				
2	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
*	N/A	N/A	N/A	N/A	N/A
Lanes	**Annual Average Daily Traffic**				
2	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
*	N/A	N/A	N/A	N/A	N/A

*** Service Volumes for the specific facility being analyzed, based on # of lanes from the intersection and segment data screens.**
**** Cannot be achieved based on input data provided.**
***** Not applicable for that level of service letter grade. See generalized tables notes for more details.**
 # Under the given conditions, left turn lane storage is highly likely to overflow. The number of directional thru lanes should be reduced accordingly.
Facility weighted g/C exceeds normally acceptable upper range (0.5); verify that g/C inputs are correct.
Intersection capacity (ies) are exceeded for the full hour; an operational level analysis tool is more appropriate for this situation.

ARTPLAN 2012 Conceptual Planning Analysis

Project Information

Analyst	James Kemp	**Arterial Name**	Jenkins Road	**Study Period**	**Dir Hr Demand Vol**
Date Prepared	2/17/2021 11:00:15 AM	**From**	Okeechobee Rd	**Modal Analysis**	Auto Only
Agency	O'Rourke Engineering & Planning	**To**	Orange Ave	**Program**	ARTPLAN 2012
Area Type	Other Urbanized	**Peak Direction**	Northbound	**Version Date**	12/12/2012
Arterial Class	1				
File Name	C:\Users\SOR2\Documents\Projects\St. Lucie County\JHI Acreage\Artplan Analysis\Jenkins Rd - PM - NB.xap				
User Notes	NB - PM Peak Hour				

Arterial Data

K	0.09	**PHF**	1	**Control Type**	FullyActuated
D	0.565	**% Heavy Vehicles**	2	**Base Sat. Flow Rate**	1950

Automobile Intersection Data

Cross Street	Cycle Length	Thru g/C	Arr. Type	INT # Dir.Lanes	% Left Turns	% Right Turns	Left Turn Lanes	Left Turn Phasing	# Left Turn Lanes	LT Storage Length	Left g/C	Right Turn Lanes
Orange Ave	90	0.25	3	1	37	26	Yes	ProtPerm	1	275	0.16	Yes

Automobile Segment Data

Segment #	Length	AADT	Hourly Vol.	SEG # Dir.Lanes	Posted Speed	Free Flow Speed	Median Type	On-Street Parking	Parking Activity
1 (to Orange Ave)	10824	10500	822	1	45	50	None	No	N/A

Automobile LOS

Segment #	Thru Mvmt Flow Rate	Adj. Sat. Flow Rate	v/c	Control Delay	Int. Approach LOS	Queue Ratio	Speed (mph)	Segment LOS
1 (to Orange Ave)	304	1246	0.976	47.76	D	0.92	36.18	B

Arterial Length	2.0614	Weighted g/C	0.25	FFS Delay	57.51	Threshold Delay	0.00	Auto Speed	36.18	Auto LOS	B

Automobile Service Volumes

Note: The maximum normally acceptable directional service volume for LOS E in Florida for this facility type and area type is 1000 veh/h/ln.

	A	B	C	D	E
Lanes	**Hourly Volume In Peak Direction**				
1	510	840	***	***	***
2	1050	1640	***	***	***
3	1680	2460	***	***	***
4	2280	3300	***	***	***
*	510	840	***	***	***
Lanes	**Hourly Volume In Both Directions**				
2	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
*	N/A	N/A	N/A	N/A	N/A
Lanes	**Annual Average Daily Traffic**				
2	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
*	N/A	N/A	N/A	N/A	N/A

*** Service Volumes for the specific facility being analyzed, based on # of lanes from the intersection and segment data screens.**
**** Cannot be achieved based on input data provided.**
***** Not applicable for that level of service letter grade. See generalized tables notes for more details.**
 # Under the given conditions, left turn lane storage is highly likely to overflow. The number of directional thru lanes should be reduced accordingly.
Facility weighted g/C exceeds normally acceptable upper range (0.5); verify that g/C inputs are correct.
Intersection capacity (ies) are exceeded for the full hour; an operational level analysis tool is more appropriate for this situation.

APPENDIX E

INTERSECTION ANALYSIS

HCS7 Two-Way Stop-Control Report

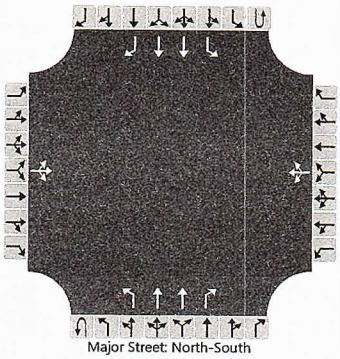
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/15/2021
Analysis Year	2023
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Buildout

Site Information

Intersection	Kings Hwy & White Rd
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Kings Hwy
Peak Hour Factor	0.95
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0	0	1	2	1	0	1	2	1
Configuration			LTR				LTR			L	T	R		L	T	R
Volume (veh/h)		10	0	10		41	0	27	0	20	458	54	0	91	477	20
Percent Heavy Vehicles (%)		3	3	3		10	10	10	3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0				0										
Right Turn Channelized										No				No		
Median Type | Storage		Left Only								1						

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9		7.5	6.5	6.9		4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96		7.70	6.70	7.10		4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33		3.60	4.10	3.40		2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			21				72			21				96		
Capacity, c (veh/h)			402				387			1033				1019		
v/c Ratio			0.05				0.18			0.02				0.09		
95% Queue Length, Q_{95} (veh)			0.2				0.7			0.1				0.3		
Control Delay (s/veh)			14.4				16.4			8.6				8.9		
Level of Service (LOS)			B				C			A				A		
Approach Delay (s/veh)		14.4				16.4				0.3				1.4		
Approach LOS		B				C										

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HCS7 Two-Way Stop-Control Report

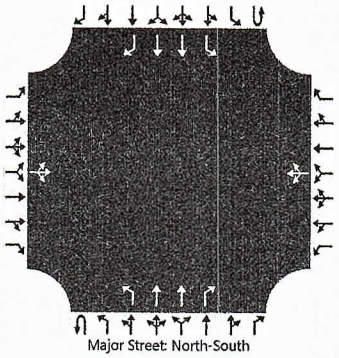
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/15/2021
Analysis Year	2023
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Buildout

Site Information

Intersection	Kings Hwy & White Rd
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Kings Hwy
Peak Hour Factor	0.95
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0	0	1	2	1	0	1	2	1
Configuration			LTR				LTR			L	T	R		L	T	R
Volume (veh/h)		20	0	20		167	0	111	0	10	485	17	0	29	475	10
Percent Heavy Vehicles (%)		3	3	3		10	10	10	3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0				0										
Right Turn Channelized										No				No		
Median Type | Storage		Left Only								1						

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9		7.5	6.5	6.9		4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96		7.70	6.70	7.10		4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33		3.60	4.10	3.40		2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			42				293			11				31		
Capacity, c (veh/h)			452				436			1044				1028		
v/c Ratio			0.09				0.67			0.01				0.03		
95% Queue Length, Q_{95} (veh)			0.3				4.8			0.0				0.1		
Control Delay (s/veh)			13.8				28.6			8.5				8.6		
Level of Service (LOS)			B				D			A				A		
Approach Delay (s/veh)		13.8				28.6				0.2				0.5		
Approach LOS		B				D										

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Table 1: Major Approach Volumes

Time	NB/SB Volumes 2019 Existing	NB/SB Volumes 2023 Background	NB/SB Committed Project Volumes (1)	NB/SB Project Volumes	Total 2023 Volume
6-7 AM	618	676	33	68	777
7-8 AM	701	766	52	96	914
8-9 AM	647	707	48	92	847
9-10 AM	602	658	37	82	777
10-11 AM	583	637	40	84	761
11-12 PM	686	750	45	105	900
12-1 PM	701	766	49	122	937
1-2 PM	681	744	47	95	886
2-3 PM	662	724	51	95	870
3-4 PM	768	839	60	123	1022
4-5 PM	813	889	66	114	1069
5-6 PM	730	798	63	104	965
6-7 PM	475	519	44	34	597
7-8 PM	290	317	30	16	363
8-9 PM	260	284	27	10	321
9-10 PM	198	216	20	10	246

Source: FDOT Hourly Volume 2019 - Kings Hwy (Station 0076)

(1) Includes traffic from Walsh Kings Crossing, Village of Sunset Lakes, Whispering Oaks, Bent Creek, Celebration Pointe, and BHT Distribution

Table 2: Daily Trip Generation

Land Use	Directional Split		Net External Trips		
	In	Out	In	Out	Total
General Office	50%	50%	633	633	1,266
Warehousing	50%	50%	1,421	1,421	2,842
TOTALS			**2,054**	**2,054**	**4,108**

Source: ITE 10th Edition Trip Generation Rates

Table 3: Minor Approach Volumes

Hourly	Percent of Daily Traffic				External Volumes JHI Acraege		Lefts		Rights		Project Hurricane Rights	Total WB Volume (1)
	Office	Warehouse	Auto Service Center	Single-Family Housing	Office	Warehouse	Office 45%	Warehouse 45%	Office 30.0%	Warehouse 30.0%	15.0%	
6-7 AM	2.2%	6.3%	0.1%	3.8%	14	90	6	41	4	27	0	63
7-8 AM	7.0%	7.3%	5.7%	6.7%	44	104	20	47	13	31	24	101
8-9 AM	8.8%	6.0%	9.3%	6.2%	56	85	25	38	17	26	39	104
9-10 AM	5.4%	6.5%	9.0%	4.3%	34	92	15	41	10	28	38	94
10-11 AM	5.9%	6.5%	9.7%	4.8%	37	92	17	41	11	28	41	98
11-12 PM	8.4%	7.6%	10.0%	5.2%	53	108	24	49	16	32	42	118
12-1 PM	10.4%	8.6%	9.4%	5.5%	66	122	30	55	20	37	40	134
1-2 PM	8.2%	6.6%	9.3%	6.0%	52	94	23	42	16	28	39	107
2-3 PM	7.5%	7.0%	8.8%	6.6%	47	99	21	45	14	30	37	107
3-4 PM	7.4%	10.0%	7.0%	7.2%	47	142	21	64	14	43	30	129
4-5 PM	10.1%	7.8%	10.2%	9.0%	64	111	29	50	19	33	43	127
5-6 PM	10.4%	6.6%	7.7%	8.8%	66	94	30	42	20	28	32	112
6-7 PM	2.4%	2.7%	2.3%	7.2%	15	38	7	17	5	11	10	37
7-8 PM	1.7%	0.9%	0.8%	5.2%	11	13	5	6	3	4	3	16
8-9 PM	1.0%	0.6%	0.6%	4.7%	6	9	3	4	2	3	3	11
9-10 PM	1.0%	0.7%	0.0%	3.4%	6	10	3	5	2	3	0	11

(1) 50% of External Right Trips used in Total

COUNTY: 94
STATION: 0076
DESCRIPTION: SR 713/KINGS HWY - S OF SR 68/ORANGE AVE (COUNTY 7
START DATE: 02/12/2019
START TIME: 2345

	DIRECTION: N					DIRECTION: S					COMBINED
TIME	1ST	2ND	3RD	4TH	TOTAL	1ST	2ND	3RD	4TH	TOTAL	TOTAL
0000	18	6	9	9	42	11	10	10	6	37	79
0100	11	9	15	15	50	8	8	3	11	30	80
0200	2	12	6	6	26	14	7	7	9	37	63
0300	5	10	7	5	27	7	10	16	10	43	70
0400	5	14	8	18	45	14	24	17	29	84	129
0500	15	34	33	28	110	31	39	42	53	165	275
0600	52	74	89	85	300	52	72	94	100	318	618
0700	91	81	100	90	362	81	76	101	81	339	701
0800	86	88	80	55	309	93	91	63	91	338	647
0900	70	76	63	70	279	93	88	57	85	323	602
1000	59	61	80	82	282	78	65	79	79	301	583
1100	87	85	95	103	370	62	98	81	75	316	686
1200	101	76	91	82	350	77	93	91	90	351	701
1300	101	78	78	78	335	94	81	81	90	346	681
1400	80	75	81	89	325	71	96	74	96	337	662
1500	98	93	77	118	386	67	92	98	125	382	768
1600	88	116	95	85	384	89	111	103	126	429	813
1700	102	91	98	71	362	109	99	92	68	368	730
1800	70	69	63	57	259	67	70	44	35	216	475
1900	37	52	35	48	172	32	36	31	19	118	290
2000	33	39	42	29	143	36	44	14	23	117	260
2100	29	31	28	16	104	21	17	24	32	94	198
2200	19	24	14	27	84	19	10	6	12	47	131
2300	16	14	11	9	50	6	14	14	23	57	107
24-HOUR TOTALS:					5156					5193	10349

PEAK VOLUME INFORMATION

	DIRECTION: N		DIRECTION: S		COMBINED DIRECTIONS	
	HOUR	VOLUME	HOUR	VOLUME	HOUR	VOLUME
A.M.	730	364	730	366	730	730
P.M.	1545	417	1615	449	1615	847
DAILY	1545	417	1615	449	1615	847

GENERATED BY SPS 5.0.53P

State of Florida Department of Transportation

TRAFFIC SIGNAL WARRANT SUMMARY

City: **Stuart** | Engineer: **James Kemp**
County: **89 – Martin** | Date: **February 15, 2021**
District: **Four**

Major Street: **Kings Highway** | Lanes: **2** | Major Approach Speed: **50**
Minor Street: **White Road** | Lanes: **1** | Minor Approach Speed: **35**

MUTCD Electronic Reference to Chapter 4: http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/part4.pdf

Volume Level Criteria

1. Is the posted speed or 85th-percentile of major street > 40 mph (70 km/h)? ☑ Yes ☐ No
2. Is the intersection in a built-up area of an isolated community with a population < 10,000? ☐ Yes ☑ No

"70%" volume level **may** be used if Question 1 **or** 2 above is answered "Yes" ☑ 70% ☑ 100%

WARRANT 1 - EIGHT-HOUR VEHICULAR VOLUME

Warrant 1 is satisfied if Condition A or Condition B is "100%" satisfied for eight hours. ☐ Yes ☑ No

Warrant 1 is also satisfied if both Condition A and Condition B are "80%" satisfied (should only be applied after an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems). ☐ Yes ☑ No

Condition A - Minimum Vehicular Volume

Condition A is intended for application at locations where a large volume of intersecting traffic is the principal reason to consider installing a traffic control signal.

100% Satisfied: ☐ Yes ☑ No
80% Satisfied: ☐ Yes ☑ No
70% Satisfied: ☐ Yes ☑ No

Number of Lanes for moving traffic on each approach		Vehicles per hour on major-street (total of both approaches)			Vehicles per hour on minor-street (one direction only)		
Major	Minor	100%[a]	80%[b]	70%[c]	100%[a]	80%[b]	70%[c]
1	1	500	400	350	150	120	105
2 or more	1	600	480	420	150	120	105
2 or more	2 or more	600	480	420	200	160	140
1	2 or more	500	400	350	200	160	140

[a] Basic Minimum hourly volume
[b] Used for combination of Conditions A and B after adequate trial of other remedial measures
[c] May be used when the major-street speed exceeds 40 mph or in an isolated community with a population of less than 10,000

Record 8 highest hours and the corresponding major-street and minor-street volumes in the Instructions Sheet.

Street	Eight Highest Hours							
	7:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM
Major	914	900	937	886	870	1,022	1,069	965
Minor	101	118	134	107	107	129	127	112

Existing Volumes

State of Florida Department of Transportation

TRAFFIC SIGNAL WARRANT SUMMARY

Condition B - Interruption of Continuous Traffic

Condition B is intended for application where Condition A is not satisfied and the traffic volume on a major street is so heavy that traffic on the minor intersecting street suffers excessive delay or conflict in entering or crossing the major street.

Applicable:	☑ Yes	☐ No
100% Satisfied:	☐ Yes	☑ No
80% Satisfied:	☑ Yes	☐ No
70% Satisfied:	☑ Yes	☐ No

Number of Lanes for moving traffic on each approach		Vehicles per hour on major-street (total of both approaches)			Vehicles per hour on minor-street (one direction only)		
Major	**Minor**	**100%[a]**	**80%[b]**	**70%[c]**	**100%[a]**	**80%[b]**	**70%[c]**
1	1	750	600	525	75	60	53
2 or more	1	900	720	630	75	60	53
2 or more	2 or more	900	720	630	100	80	70
1	2 or more	750	600	525	100	80	70

[a] Basic Minimum hourly volume

[b] Used for combination of Conditions A and B after adequate trial of other remedial measures

[c] May be used when the major-street speed exceeds 40 mph or in an isolated community with a population of less than 10,000

Record 8 highest hours and the corresponding major-street and minor-street volumes in the Instructions Sheet.

Eight Highest Hours								
Street	**7:00 AM**	**11:00 AM**	**12:00 PM**	**1:00 PM**	**2:00 PM**	**3:00 PM**	**4:00 PM**	**5:00 PM**
Major	914	900	937	886	870	1,022	1,069	965
Minor	101	118	134	107	107	129	127	112

Existing Volumes

State of Florida Department of Transportation

Form 750-020-01
TRAFFIC ENGINEERING
10/15

TRAFFIC SIGNAL WARRANT SUMMARY

City: **Stuart**
County: **89 – Martin**
District: **Four**

Engineer: **James Kemp**
Date: **February 15, 2021**

Major Street: **Kings Highway** Lanes: **2** Major Approach Speed: **50**
Minor Street: **White Road** Lanes: **1** Minor Approach Speed: **35**

MUTCD Electronic Reference to Chapter 4: http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/part4.pdf

Volume Level Criteria

1. Is the posted speed or 85th-percentile of major street > 40 mph (70 km/h)? ☑ Yes ☐ No
2. Is the intersection in a built-up area of an isolated community with a population < 10,000? ☐ Yes ☑ No

"70%" volume level **may** be used if Question 1 **or** 2 above is answered "Yes" ☑ Yes ☐ No

WARRANT 2 - FOUR-HOUR VEHICULAR VOLUME

If all four points lie above the appropriate line, then the warrant is satisfied.

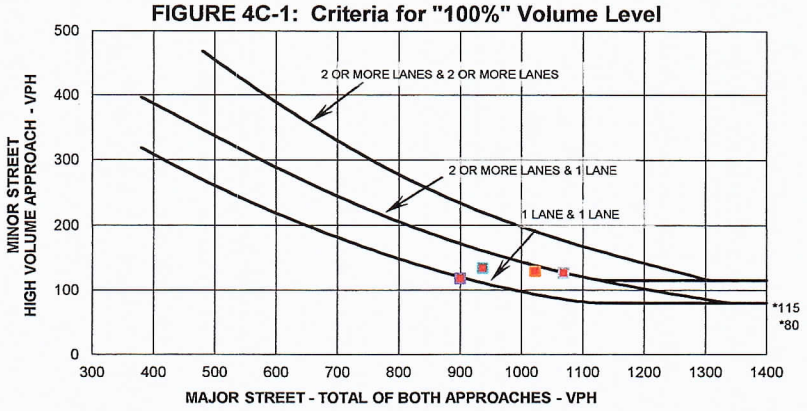
Applicable: ☑ Yes ☐ No
Satisfied: ☑ Yes ☐ No

Plot four volume combinations on the applicable figure below.

100% Volume Level

Four Highest Hours	Volumes	
	Major Street	Minor Street
11:00 AM	900	118
12:00 PM	937	134
3:00 PM	1022	129
4:00 PM	1069	127

FIGURE 4C-1: Criteria for "100%" Volume Level



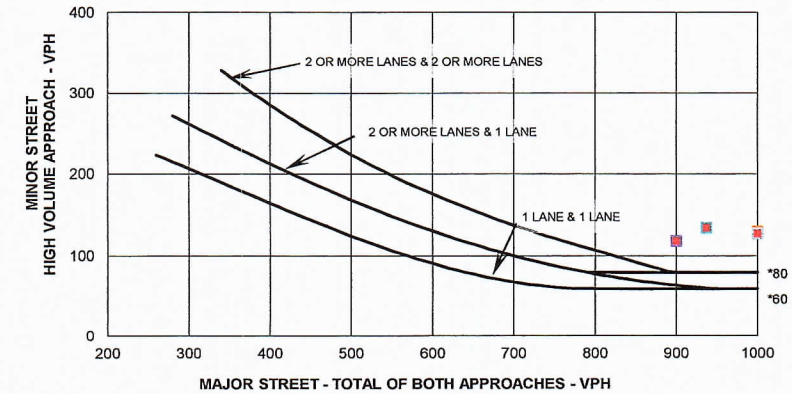
** Note: 115 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 80 vph applies as the lower threshold volume threshold for a minor street approach with one lane.*

70% Volume Level

Four Highest Hours	Volumes	
	Major Street	Minor Street
11:00 AM	900	118
12:00 PM	937	134
3:00 PM	1022	129
4:00 PM	1069	127

FIGURE 4C-2: Criteria for "70%" Volume Level

(Community Less than 10,000 population or above 70 km/hr (40 mph) on Major Street)



** Note: 80 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 60 vph applies as the lower threshold volume threshold for a minor street approach with one lane.*

State of Florida Department of Transportation

Form 750-020-01
TRAFFIC ENGINEERING
10/15

TRAFFIC SIGNAL WARRANT SUMMARY

City: **Stuart**
County: **89 – Martin**
District: **Four**

Engineer: **James Kemp**
Date: **February 15, 2021**

Major Street: **Kings Highway** Lanes: **2** Major Approach Speed: **50**
Minor Street: **White Road** Lanes: **1** Minor Approach Speed: **35**

MUTCD Electronic Reference to Chapter 4: http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/part4.pdf

Volume Level Criteria

1. Is the posted speed or 85th-percentile of major street > 40 mph (70 km/h)? ☑ Yes ☐ No
2. Is the intersection in a built-up area of an isolated community with a population < 10,000? ☐ Yes ☑ No

"70%" volume level **may** be used if Question 1 **or** 2 above is answered "Yes" ☑ 70% ☑ 100%

WARRANT 3 - PEAK HOUR

*If all three criteria are fulfilled **or** the plotted point lies above the appropriate line, then the warrant is satisfied.*

Applicable: ☑ Yes ☐ No
Satisfied: ☑ Yes ☐ No

Unusual condition justifying use of warrant:

Record hour when criteria are fulfilled and the corresponding delay or volume in boxes provided.

Peak Hour 100% Volume		
Time	Major Vol.	Minor Vol.
3:00 PM	1022	129

Peak Hour 70% Volume		
Time	Major Vol.	Minor Vol.
3:00 PM	1022	129

Criteria

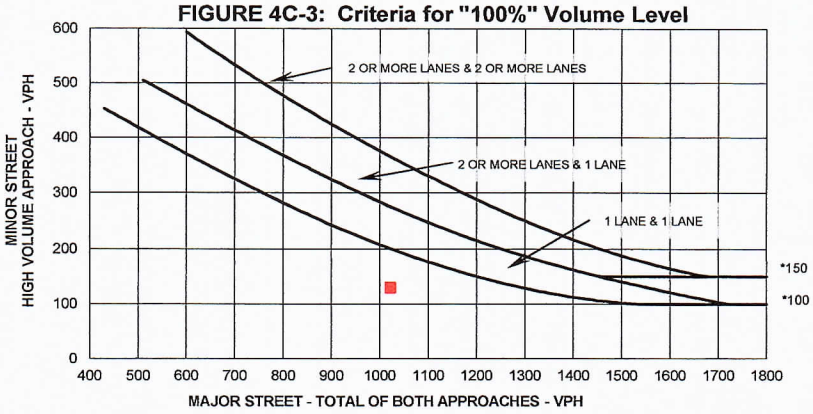
1. Delay on Minor Approach *(vehicle-hours)		
Approach Lanes	1	2
Delay Criteria*	4.0	5.0
Delay*	2.1	
Fulfilled?: ☐ Yes ☑ No		

2. Volume on Minor Approach One-Direction *(vehicles per hour)		
Approach Lanes	1	2
Volume Criteria*	100	150
Volume*	129	
Fulfilled?: ☑ Yes ☐ No		

3. Total Intersection Entering Volume *(vehicles per hour)		
No. of Approaches	3	4
Volume Criteria*	650	800
Volume*		1,151
Fulfilled?: ☑ Yes ☐ No		

Plot volume combination on the applicable figure below.

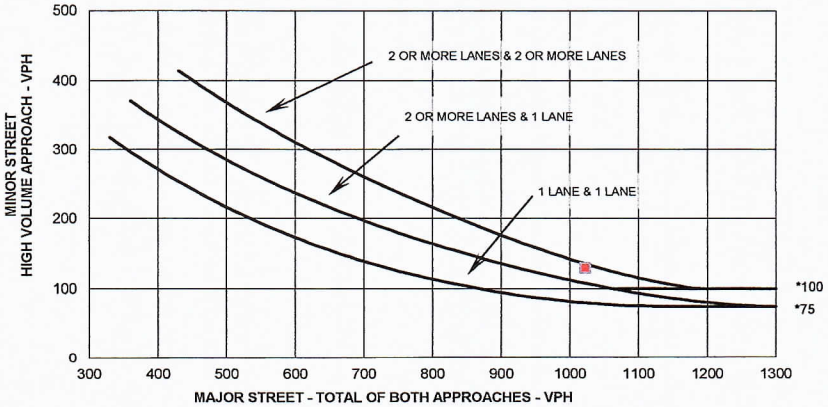
FIGURE 4C-3: Criteria for "100%" Volume Level



** Note: 150 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 100 vph applies as the lower threshold volume threshold for a minor street approach with one lane.*

FIGURE 4C-4: Criteria for "70%" Volume Level

(Community Less than 10,000 population or above 70 km/hr (40 mph) on Major Street)



** Note: 100 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 75 vph applies as the lower threshold volume threshold for a minor street approach with one lane.*

APPENDIX F

DRIVEWAY ANALYSIS

HCS7 Two-Way Stop-Control Report

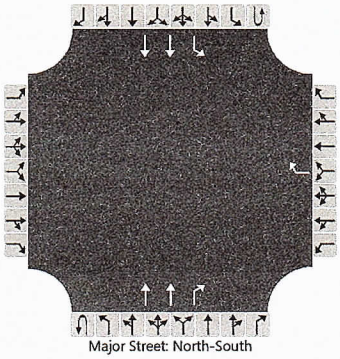
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Buildout

Site Information

Intersection	Kings Hwy & DW 1
Jurisdiction	St. Lucie County
East/West Street	Driveway 1
North/South Street	Kings Highway
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	0	0		0	0	1	0	0	2	1	0	1	2	0
Configuration								R			T	R		L	T	
Volume (veh/h)								9			503	109	0	54	464	
Percent Heavy Vehicles (%)								3					3	3		
Proportion Time Blocked																
Percent Grade (%)					0											
Right Turn Channelized					No				No							
Median Type | Storage	Left Only								1							

Critical and Follow-up Headways

Base Critical Headway (sec)								6.9						4.1		
Critical Headway (sec)								6.96						4.16		
Base Follow-Up Headway (sec)								3.3						2.2		
Follow-Up Headway (sec)								3.33						2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)								10						59		
Capacity, c (veh/h)								721						913		
v/c Ratio								0.01						0.06		
95% Queue Length, Q_{95} (veh)								0.0						0.2		
Control Delay (s/veh)								10.1						9.2		
Level of Service (LOS)								B						A		
Approach Delay (s/veh)					10.1								1.0			
Approach LOS					B											

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HCS7 Two-Way Stop-Control Report

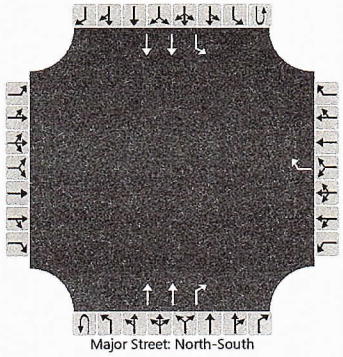
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Buildout

Site Information

Intersection	Kings Hwy & DW 1
Jurisdiction	St. Lucie County
East/West Street	Driveway 1
North/South Street	Kings Highway
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	0	0		0	0	1	0	0	2	1	0	1	2	0
Configuration								R			T	R		L	T	
Volume (veh/h)								37			465	35	0	17	625	
Percent Heavy Vehicles (%)								3					3	3		
Proportion Time Blocked																
Percent Grade (%)						0										
Right Turn Channelized						No					No					
Median Type | Storage		Left Only								1						

Critical and Follow-up Headways

Base Critical Headway (sec)								6.9						4.1		
Critical Headway (sec)								6.96						4.16		
Base Follow-Up Headway (sec)								3.3						2.2		
Follow-Up Headway (sec)								3.33						2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)								40						18		
Capacity, c (veh/h)								744						1015		
v/c Ratio								0.05						0.02		
95% Queue Length, Q_{95} (veh)								0.2						0.1		
Control Delay (s/veh)								10.1						8.6		
Level of Service (LOS)								B						A		
Approach Delay (s/veh)						10.1								0.2		
Approach LOS						B										

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HCS7 Two-Way Stop-Control Report

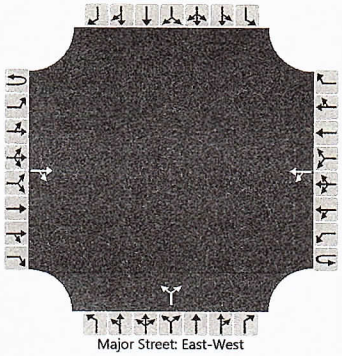
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Buildout

Site Information

Intersection	White Rd & DW 2
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Driveway 2
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	0	0
Configuration				TR		LT					LR					
Volume (veh/h)			90	54		4	46			22		1				
Percent Heavy Vehicles (%)						3				3		3				
Proportion Time Blocked																
Percent Grade (%)										0						
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1				7.1		6.2				
Critical Headway (sec)						4.13				6.43		6.23				
Base Follow-Up Headway (sec)						2.2				3.5		3.3				
Follow-Up Headway (sec)						2.23				3.53		3.33				

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						4					25					
Capacity, c (veh/h)						1417					803					
v/c Ratio						0.00					0.03					
95% Queue Length, Q_{95} (veh)						0.0					0.1					
Control Delay (s/veh)						7.5					9.6					
Level of Service (LOS)						A					A					
Approach Delay (s/veh)					0.6				9.6							
Approach LOS									A							

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HCS7 Two-Way Stop-Control Report

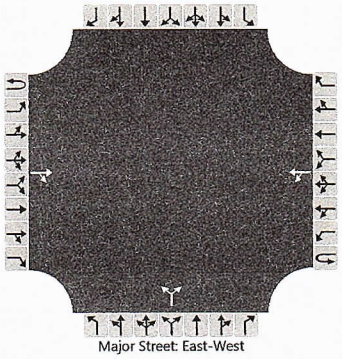
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Buildout

Site Information

Intersection	White Rd & DW 2
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Driveway 2
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	0	0
Configuration				TR		LT					LR					
Volume (veh/h)			29	17		1	186			93		4				
Percent Heavy Vehicles (%)						3				3		3				
Proportion Time Blocked																
Percent Grade (%)										0						
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1				7.1		6.2				
Critical Headway (sec)						4.13				6.43		6.23				
Base Follow-Up Headway (sec)						2.2				3.5		3.3				
Follow-Up Headway (sec)						2.23				3.53		3.33				

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						1					105					
Capacity, c (veh/h)						1550					749					
v/c Ratio						0.00					0.14					
95% Queue Length, Q_{95} (veh)						0.0					0.5					
Control Delay (s/veh)						7.3					10.6					
Level of Service (LOS)						A					B					
Approach Delay (s/veh)					0.0				10.6							
Approach LOS									B							

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HCS7 Two-Way Stop-Control Report

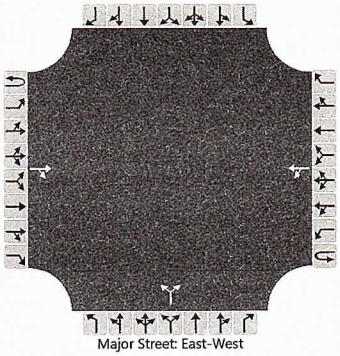
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Buildout

Site Information

Intersection	White Rd & DW 3
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Driveway 3
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	0	0
Configuration				TR		LT					LR					
Volume (veh/h)			37	54		11	27			23		3				
Percent Heavy Vehicles (%)						3				3		3				
Proportion Time Blocked																
Percent Grade (%)										0						
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1				7.1		6.2				
Critical Headway (sec)						4.13				6.43		6.23				
Base Follow-Up Headway (sec)						2.2				3.5		3.3				
Follow-Up Headway (sec)						2.23				3.53		3.33				

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						12					28					
Capacity, c (veh/h)						1488					876					
v/c Ratio						0.01					0.03					
95% Queue Length, Q_{95} (veh)						0.0					0.1					
Control Delay (s/veh)						7.4					9.2					
Level of Service (LOS)						A					A					
Approach Delay (s/veh)					2.2				9.2							
Approach LOS									A							

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HCS7 Two-Way Stop-Control Report

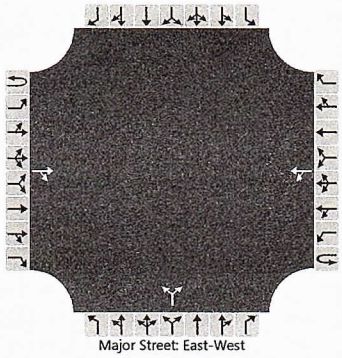
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Buildout

Site Information

Intersection	White Rd & DW 3
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Driveway 3
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	0	0
Configuration				TR		LT					LR					
Volume (veh/h)			16	17		3	94			93		11				
Percent Heavy Vehicles (%)						3				3		3				
Proportion Time Blocked																
Percent Grade (%)										0						
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1				7.1		6.2				
Critical Headway (sec)						4.13				6.43		6.23				
Base Follow-Up Headway (sec)						2.2				3.5		3.3				
Follow-Up Headway (sec)						2.23				3.53		3.33				

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						3					113					
Capacity, c (veh/h)						1569					871					
v/c Ratio						0.00					0.13					
95% Queue Length, Q_{95} (veh)						0.0					0.4					
Control Delay (s/veh)						7.3					9.7					
Level of Service (LOS)						A					A					
Approach Delay (s/veh)					0.2				9.7							
Approach LOS									A							

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HCS7 Two-Way Stop-Control Report

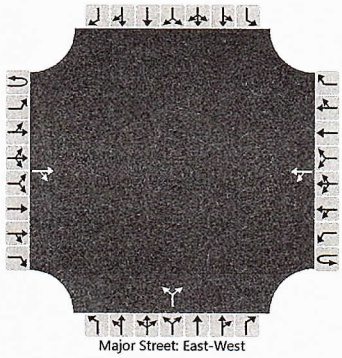
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Buildout

Site Information

Intersection	White Rd & DW 4
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Driveway 4
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	0	0
Configuration				TR		LT					LR					
Volume (veh/h)			4	36		4	15			23		1				
Percent Heavy Vehicles (%)						3				3		3				
Proportion Time Blocked																
Percent Grade (%)										0						
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1				7.1		6.2				
Critical Headway (sec)						4.13				6.43		6.23				
Base Follow-Up Headway (sec)						2.2				3.5		3.3				
Follow-Up Headway (sec)						2.23				3.53		3.33				

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						4					26					
Capacity, c (veh/h)						1559					959					
v/c Ratio						0.00					0.03					
95% Queue Length, Q_{95} (veh)						0.0					0.1					
Control Delay (s/veh)						7.3					8.9					
Level of Service (LOS)						A					A					
Approach Delay (s/veh)					1.6				8.9							
Approach LOS									A							

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HCS7 Two-Way Stop-Control Report

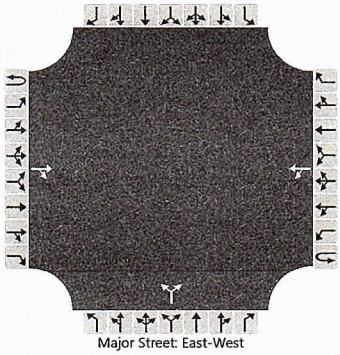
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Buildout

Site Information

Intersection	White Rd & DW 4
Jurisdiction	St. Lucie County
East/West Street	White Road
North/South Street	Driveway 4
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	0	0
Configuration				TR		LT					LR					
Volume (veh/h)			15	12		1	4			93		4				
Percent Heavy Vehicles (%)						3				3		3				
Proportion Time Blocked																
Percent Grade (%)										0						
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1				7.1		6.2				
Critical Headway (sec)						4.13				6.43		6.23				
Base Follow-Up Headway (sec)						2.2				3.5		3.3				
Follow-Up Headway (sec)						2.23				3.53		3.33				

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						1					105					
Capacity, c (veh/h)						1577					985					
v/c Ratio						0.00					0.11					
95% Queue Length, Q_{95} (veh)						0.0					0.4					
Control Delay (s/veh)						7.3					9.1					
Level of Service (LOS)						A					A					
Approach Delay (s/veh)					1.5				9.1							
Approach LOS									A							

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HCS7 Two-Way Stop-Control Report

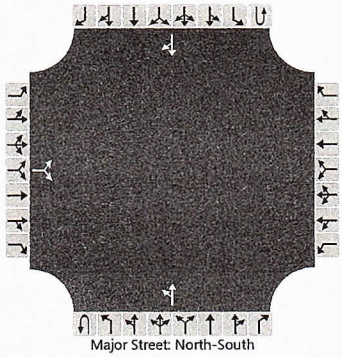
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Buildout

Site Information

Intersection	Peters Rd & DW 5
Jurisdiction	St. Lucie County
East/West Street	Driveway 5
North/South Street	Peters Road
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes


Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	0	1	0	0	0	1	0
Configuration			LR							LT						TR
Volume (veh/h)		4		4						18	107				107	18
Percent Heavy Vehicles (%)		3		3						3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1		6.2						4.1						
Critical Headway (sec)		6.43		6.23						4.13						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			9							20						
Capacity, c (veh/h)			793							1442						
v/c Ratio			0.01							0.01						
95% Queue Length, Q_{95} (veh)			0.0							0.0						
Control Delay (s/veh)			9.6							7.5						
Level of Service (LOS)			A							A						
Approach Delay (s/veh)		9.6								1.2						
Approach LOS		A														

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HCS7 Two-Way Stop-Control Report

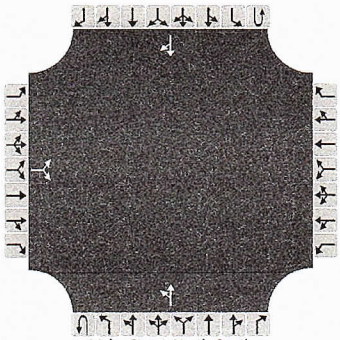
General Information

Analyst	James Kemp
Agency/Co.	O'Rourke Engineering
Date Performed	2/17/2021
Analysis Year	2023
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Buildout

Site Information

Intersection	Peters Rd & DW 5
Jurisdiction	St. Lucie County
East/West Street	Driveway 5
North/South Street	Peters Road
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	0	1	0	0	0	1	0
Configuration			LR							LT						TR
Volume (veh/h)		18		18						6	107				107	6
Percent Heavy Vehicles (%)		3		3						3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1		6.2						4.1						
Critical Headway (sec)		6.43		6.23						4.13						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			39							7						
Capacity, c (veh/h)			820							1458						
v/c Ratio			0.05							0.00						
95% Queue Length, Q_{95} (veh)			0.2							0.0						
Control Delay (s/veh)			9.6							7.5						
Level of Service (LOS)			A							A						
Approach Delay (s/veh)		9.6								0.4						
Approach LOS		A														

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Property Identification

Site Address: 7001 WHITE RD
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-210-0000-000-6
Jurisdiction: Fort Pierce

Use Type: 6999
Account #: 14251
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #533 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 NW 1/4 OF NW 1/4-LESS S 400 FT OF N 938.20 FT OF E 750 FT OF W 775 FT- AND W 1/2 OF W 1/2 OF NE 1/4 OF NW 1/4-LESS W 25 FT AND LESS N 35 FT AND LESS ADDL RD R/W AS IN OR 3917-899- (39.02 AC - 1,699,711 SF)



Current Values

Just/Market Value:	$2,487,525
Assessed Value:	$10,731
Exemptions:	$0
Taxable Value:	$10,731

Property taxes are subject to change upon change of ownership.

- **Past taxes are not a reliable projection of future taxes.**
- **The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.**

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	0
Gross Sketched Area (SF):	0
Land Size (acres):	39.02
Land Size (SF):	1,699,711

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 0982	0002	SP	Kings Hwy Commerce Park LLC	$3,908,400
Sep 14, 2005	2382 / 1143	XX00	WD	Craig Steven L	$4,600,000
May 1, 1986	0500 / 2004	XX00	CV		$771,700
Feb 1, 1980	0326 / 1420	XX00	CV		$200,000

Building Information (1 of 1)

Finished Area: 0 SF

Gross Sketched Area: 0 SF

Exterior Data

View:	Roof Cover:	Roof Structure:
Building Type:	Year Built: N/A	Frame:
Grade:	Effective Year: N/A	Primary Wall:

Story Height:	No. Units: 0	Secondary Wall:

Interior Data

Bedrooms: 0	Electric:	Primary Int Wall:
Full Baths: 0	Heat Type:	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel:	Primary Floors:
A/C %: 0%	Heated %: N/A%	Sprinkled %: 0%



Image or Sketch unavailable for display

Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$0
Land:	$2,487,525
Just/Market:	$2,487,525
Ag Credit:	$2,476,794
Save Our Homes or 10% Cap:	$0
Assessed:	$10,731
Exemption(s):	$0
Taxable:	$10,731

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2016	0054	39.02	North St. Lucie Water Management District	$799.91

Start Year	AssessCode	Units	Description	Amount
2017	0041	105.1	Fort Pierce Stormwater Charge	$7,251.90

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$2,487,525	$10,731	$0	$10,731
2020	$2,487,525	$10,731	$0	$10,731
2019	$2,487,525	$10,731	$0	$10,731
2018	$2,487,525	$10,731	$0	$10,731

Permits

Number	Issue Date	Description	Amount	Fee
200441	Dec 7, 2004	Property Off '04 Fire List St Lucie Co Fire Dept	$30,000	$0

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: 2261 PETERS RD
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-211-0001-000-6
Jurisdiction: Fort Pierce

Use Type: 6999
Account #: 14253
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #553 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 E 3/4 OF NE 1/4 OF NW 1/4-LESS TRACT 150 FT X 155 FT AS IN DBK 206-141 AND IN OR 492-1228 AND LESS TRACT 208.71 FT X 208.71 FT AS IN DBK 207-165 AND LESS N 35 FT AND LESS E 25 FT- (26.91 AC) (OR 1868-2876 thru 2879 ERROR IN LEGAL)



Current Values

Just/Market Value:	$1,634,500
Assessed Value:	$83,896
Exemptions:	$0
Taxable Value:	$83,896

Property taxes are subject to change upon change of ownership.

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- **The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.**

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	1,946
Gross Sketched Area (SF):	4,707
Land Size (acres):	26.91
Land Size (SF):	1,172,199.6

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 1005	0205	WD	RV Development LLC	$2,978,700
Dec 22, 2003	1868 / 2879	XX04	WD	Fuller Melanie	$168,200
Dec 22, 2003	1868 / 2878	XX04	WD	Fuller Melanie	$168,200
Dec 22, 2003	1868 / 2877	XX04	WD	Fuller Melanie	$168,200
Dec 22, 2003	1868 / 2876	XX04	WD	Fuller Melanie	$168,200
Feb 13, 2003	1667 / 0231	XX01	PB	Vachon (EST) Rita C	$0
Jan 1, 1900					$0

Building Information (1 of 2)

Finished Area: 1,946 SF

Gross Sketched Area: 3,027 SF

Exterior Data

View:
Roof Cover: Fibrglss Shg
Roof Structure: Gable
Building Type: HD-
Year Built: 1966
Frame:

Grade: D-
Story Height: 1 Story

Effective Year: 1966
No. Units: 1

Primary Wall: CB Stucco
Secondary Wall:

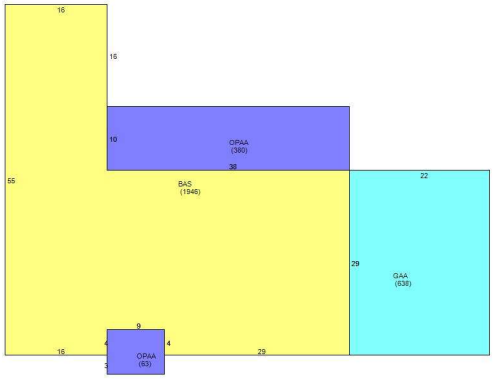
Interior Data

Bedrooms: 0
Full Baths: 2
Half Baths: 0
A/C %: 0%

Electric:
Heat Type:
Heat Fuel:
Heated %: N/A%

Primary Int Wall:
Avg Hgt/Floor: 0
Primary Floors:
Sprinkled %: N/A%





Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
BAS	BASE AREA	1946	1946	226
GAA	Garage Attached Average	638	0	102
OPAA	Open Porch Attached Average	443	0	128

Building Information (2 of 2)

Finished Area: 0 SF

Gross Sketched Area: 1,680 SF

Exterior Data

View:
Building Type: DGAR
Grade:
Story Height: 1 Story

Roof Cover: Fibrglss Shg
Year Built: 1966
Effective Year: 1926
No. Units: 0

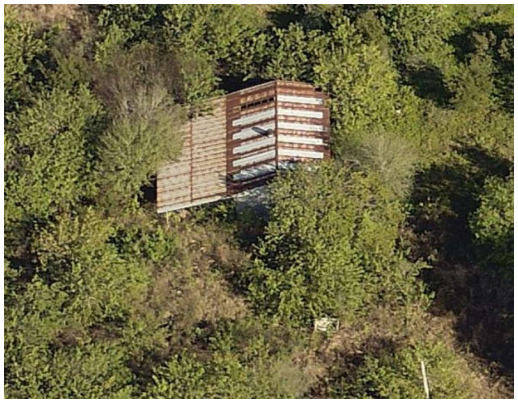
Roof Structure: Gable
Frame:
Primary Wall: CB Stucco
Secondary Wall:

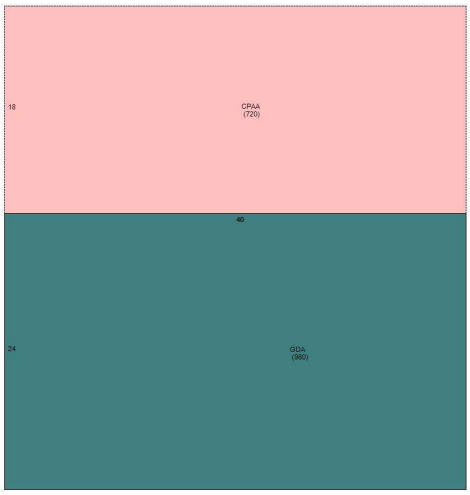
Interior Data

Bedrooms: 0
Full Baths: 0
Half Baths: 0
A/C %: %

Electric:
Heat Type:
Heat Fuel:
Heated %: %

Primary Int Wall:
Avg Hgt/Floor: 0
Primary Floors:
Sprinkled %: %





Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
CPAA	Carport Attached Average	720	0	116
GDA	Garage Detached Average	960	0	128

Special Features and Yard Items

Type	Qty	Units	Year Blt
RES POOL AVG	1	330	1977
POOL DK-AVG	1	510	1977

Current Year Values

Current Values Breakdown

Building:	$4,900
Land:	$1,629,600
Just/Market:	$1,634,500
Ag Credit:	$1,547,475
Save Our Homes or 10% Cap:	$3,129
Assessed:	$83,896
Exemption(s):	$0
Taxable:	$83,896

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2009	2009	12	County Solid Waste	$276.14
Start Year	AssessCode	Units	Description	Amount
2013	0054	26.91	North St. Lucie Water Management District	$551.66
Start Year	AssessCode	Units	Description	Amount
2021	0041	72.7	Fort Pierce Stormwater Charge	$5,016.30

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Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$1,634,500	$83,896	$0	$83,896
2020	$1,634,000	$83,735	$0	$83,735
2019	$1,633,300	$83,589	$0	$83,589
2018	$1,632,300	$83,456	$0	$83,456

Permits

Number	Issue Date	Description	Amount	Fee

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: 2306 KINGS HWY
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-211-0002-000-3
Jurisdiction: Fort Pierce

Use Type: 6000
Account #: 14254
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #533 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240



Legal Description

24 35 39 S 400 FT OF N 938.20 FT OF E 750 FT OF W 775 FT- LESS THAT PART FOR RD R/W MPDAF: FROM NW COR OF SEC, TH S 00 07 03 E ALG W SEC LI 538.44 FT, TH N 89 52 57 E 25 FT TO POB; TH N 89 44 39 E 95.42 FT TO CURVE CONC W, R OF 8,468 FT, TH SLY ALG ARC 401.48 FT, TH S 89 44 39 W 62.37 FT, TH N 00 07 03 W 400 FT TO POB- (6.151 AC - 267,938 SF)

Current Values

Just/Market Value:	$423,800
Assessed Value:	$274,488
Exemptions:	$0
Taxable Value:	$274,488

Property taxes are subject to change upon change of ownership.

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- **The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.**

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	0
Gross Sketched Area (SF):	0
Land Size (acres):	6.15
Land Size (SF):	267,938

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 0861	0002	SP	Australian Properties LLC	$810,800
Aug 29, 2006	2650 / 1994	XX00	WD	MBK Masters Inc	$1,250,000
Sep 14, 1993	0859 / 0867	XX01	CT	HAFFIELD CITRUS INC	$498,700
Nov 7, 1989	0662 / 2394	XX00	WD	William A Wright	$400,000
Sep 1, 1983	0410 / 2479	XX00	CV		$231,500

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$0
Land:	$423,800
Just/Market:	$423,800
Ag Credit:	$149,312
Save Our Homes or 10% Cap:	$0
Assessed:	$274,488
Exemption(s):	$0
Taxable:	$274,488

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2017	0054	6.151	North St. Lucie Water Management District	$126.10

Start Year	AssessCode	Units	Description	Amount
2017	0041	16.8	Fort Pierce Stormwater Charge	$1,159.20

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$423,800	$274,488	$0	$274,488
2020	$423,800	$274,488	$0	$274,488
2019	$423,800	$274,488	$0	$274,488
2018	$423,800	$274,488	$0	$274,488

Permits

Number	Issue Date	Description	Amount	Fee
C94-03649	Jul 18, 1994	Additions to existing construction	$20,000	$20,000
BP16-2804	Oct 31, 2016	Demolition	$51,200	$0
BP18-0820	Mar 8, 2018	Fence	$9,700	$0
BP18-1016	Oct 25, 2018	Electric	$2,475	$0

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: 2315 PETERS RD
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-214-0001-000-5
Jurisdiction: Fort Pierce

Use Type: 0100
Account #: 14255
Map ID: 23/24N
Zoning: Comm Parkw



Ownership

SCANNELL PROPERTIES #553 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 FROM INTERIOR 1/4 SEC COR RUN N ALG E LI OF NW 1/4 1790.5 FT, TH W 25 FT FOR POB, TH RUN W 155 FT, TH N 150 FT, TH E 155 FT, TH S 150 FT TO POB (0.53 AC)

Current Values

Just/Market Value:	$58,400
Assessed Value:	$50,364
Exemptions:	$0
Taxable Value:	$50,364

Property taxes are subject to change upon change of ownership.

- **Past taxes are not a reliable projection of future taxes.**
- **The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.**

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	1,962
Gross Sketched Area (SF):	2,738
Land Size (acres):	0.53
Land Size (SF):	23,086.8

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 1005	0205	WD	R V Development Llc	$2,978,700
Sep 26, 2003	1828 / 2808	XX00	WD	Swiatocha Frances A	$90,000
Mar 1, 1986	0493 / 0822	XX00	CV		$65,000

Building Information (1 of 1)

Finished Area: 1,962 SF

Gross Sketched Area: 2,738 SF

Exterior Data

View:	Roof Cover: Roll Comp	Roof Structure: Flat/Shed
Building Type: HD	Year Built: 1956	Frame:
Grade: D	Effective Year: 1956	Primary Wall: Conc Block
Story Height: 1 Story	No. Units: 1	Secondary Wall:

Interior Data

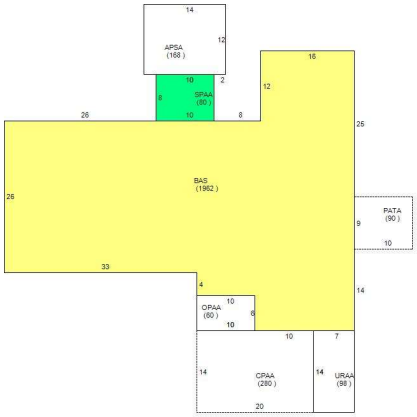
Bedrooms: 3	Electric: MAXIMUM	Primary Int Wall:
Full Baths: 2	Heat Type: FrcdHotAir	Avg Hgt/Floor: 0

Half Baths: 0
A/C %: 100%

Heat Fuel: ELEC
Heated %: 100%

Primary Floors: Carpet
Sprinkled %: N/A%





Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
APSA	Aluminium Porch (Screen) Average	168	0	52
BAS	BASE AREA	1962	1962	216
CPAA	Carport Attached Average	280	0	68
OPAA	Open Porch Attached Average	60	0	32
PATA	Patio Average (Plain Slab)	90	0	38
SPAA	Screen Porch Attached Average	80	0	36
URAA	Utility Room Attached Average	98	0	42

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$5,400
Land:	$53,000
Just/Market:	$58,400
Ag Credit:	$0
Save Our Homes or 10% Cap:	$8,036
Assessed:	$50,364
Exemption(s):	$0
Taxable:	$50,364

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2009	2009	12	County Solid Waste	$276.14

Start Year	AssessCode	Units	Description	Amount
2013	0054	0.53	North St. Lucie Water Management District	$25.00

Start Year	AssessCode	Units	Description	Amount
2021	0041	1	Fort Pierce Stormwater Charge	$69.00

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$58,400	$50,364	$0	$50,364
2020	$57,800	$45,786	$0	$45,786
2019	$57,700	$41,624	$0	$41,624
2018	$57,800	$37,840	$0	$37,840

Permits

Number	Issue Date	Description	Amount	Fee

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: 2371 PETERS RD
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-214-0002-000-2
Jurisdiction: Fort Pierce

Use Type: 0100
Account #: 14256
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #553 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 FROM SE COR OF NE 1/4 OF NW 1/4 RUN N 100 FT, TH W 30 FT FOR POB, TH CONT W 208.71 FT, TH N 208.71 FT, TH E 208.71 FT, TH S 208.71 FT TO POB (1.00 AC)



Current Values

Just/Market Value:	$157,500
Assessed Value:	$139,235
Exemptions:	$0
Taxable Value:	$139,235

Property taxes are subject to change upon change of ownership.

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- **The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.**

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	1,450
Gross Sketched Area (SF):	1,690
Land Size (acres):	1
Land Size (SF):	43,560

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 1005	0205	WD	RV Development LLC	$2,978,700
Apr 30, 2004	1959 / 2516	XX00	WD	Norvell John W	$235,000
Sep 18, 1992	0808 / 0792	XX00	WD	Norvell William G	$55,000
Mar 1, 1984	0426 / 1709	XX00	CV		$38,500

Building Information (1 of 1)

Finished Area: 1,450 SF

Gross Sketched Area: 1,690 SF

Exterior Data

View:
Building Type: HC-
Grade: C-
Story Height: 1 Story

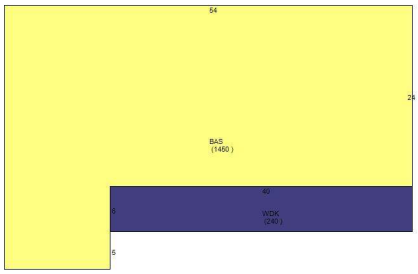
Roof Cover: Metal
Year Built: 1957
Effective Year: 1987
No. Units: 1

Roof Structure: Gable
Frame:
Primary Wall: CB Stucco
Secondary Wall:

Interior Data

Bedrooms: 3	Electric: MAXIMUM	Primary Int Wall:
Full Baths: 1	Heat Type:	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel:	Primary Floors: Hardwood
A/C %: 0%	Heated %: 0%	Sprinkled %: N/A%





Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
BAS	BASE AREA	1450	1450	178
WDK	WOOD DECK	240	0	92

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$82,500
Land:	$75,000
Just/Market:	$157,500
Ag Credit:	$0
Save Our Homes or 10% Cap:	$18,265
Assessed:	$139,235
Exemption(s):	$0
Taxable:	$139,235

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2009	2009	12	County Solid Waste	$276.14

Start Year	AssessCode	Units	Description	Amount
2013	0054	1	North St. Lucie Water Management District	$25.00

Start Year	AssessCode	Units	Description	Amount
2021	0041	1	Fort Pierce Stormwater Charge	$69.00

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$157,500	$139,235	$0	$139,235
2020	$152,000	$126,578	$0	$126,578
2019	$154,300	$115,071	$0	$115,071
2018	$150,000	$104,610	$0	$104,610

Permits

Number	Issue Date	Description	Amount	Fee

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: 2496 S KINGS HWY
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-232-0000-000-4
Jurisdiction: Fort Pierce

Use Type: 6999
Account #: 14257
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #533 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 N 1/2 OF S 1/2 OF NW 1/4-LESS E 1118.54 FT AND LESS W 25 FT AND THE N 60 FT OF THE W 1088.54 FT OF THE E 1118.54 FT OF THE S 1/2 OF N 1/2 OF S 1/2 OF NW 1/4 - LESS ADDL RD R/W MPDAF: FROM W 1/4 COR OF SEC, TH N 00 07 03 W 1296.38 FT, TH N 89 52 57 E 25 FT TO POB; TH S 89 58 23 E 28.42 FT TO CURVE CONC E, R OF 8,308 FT, TH SELY ALG ARC 308.79 FT, TH N 89 52 57 E 30.02 FT TO CURVE CONC E, R OF 8,278 FT, TH SELY ALG ARC 45.13 FT, TH S 89 49 51 E 343.82 FT, TH S 00 07 03 E 295 FT, TH N 89 49 54 W 383.80 FT, TH N 00 07 03 W 648.28 FT TO POB- (19.624 AC - 854,821 SF)



Current Values

Just/Market Value:	$1,251,030
Assessed Value:	$5,397
Exemptions:	$0
Taxable Value:	$5,397

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Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	0
Gross Sketched Area (SF):	0
Land Size (acres):	19.62
Land Size (SF):	854,821

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 0997	0002	SP	Kings Highway Commercial South LLC	$2,131,200
Feb 12, 2013	3487 / 0076	0002	WD	Southern Specialty Properties LLC	$363,500
Jun 11, 2012	3402 / 2041	0112	SP	Bank of America NA (TR)	$220,000
Nov 8, 2011	3339 / 0352	0112	CT	Interstate Business Center LLC	$100
Feb 20, 2009	3116 / 1769	0111	QC	Kirco Acquistions LLC	$100
Jul 17, 2006	2618 / 1609	XX00	WD	Six Kings LLC	$6,000,000
Apr 29, 2005	2233 / 2350	XX00	WD	Blake Glenn M	$2,640,000
Feb 25, 2000	1282 / 194	XX01	TR	Wolf William L	$526,300
Apr 2, 1999	1215 / 2035	XX04	WD	William L Wolf	$70,000
Aug 23, 1994	0916 / 2154	XX02	WD	William L Wolf	$100
Jul 7, 1992	0798 / 1462	XX01	WD		$100

Building Information (1 of 1)

Finished Area: 0 SF

Gross Sketched Area: 0 SF

Exterior Data

View:	Roof Cover:	Roof Structure:
Building Type:	Year Built: N/A	Frame:
Grade:	Effective Year: N/A	Primary Wall:
Story Height:	No. Units: 0	Secondary Wall:

Interior Data

Bedrooms: 0	Electric:	Primary Int Wall:
Full Baths: 0	Heat Type:	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel:	Primary Floors:
A/C %: 0%	Heated %: N/A%	Sprinkled %: 0%



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Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$0
Land:	$1,251,030
Just/Market:	$1,251,030
Ag Credit:	$1,245,633
Save Our Homes or 10% Cap:	$0
Assessed:	$5,397
Exemption(s):	$0
Taxable:	$5,397

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2016	0054	19.624	North St. Lucie Water Management District	$402.29

Start Year	AssessCode	Units	Description	Amount
2017	0041	53.4	Fort Pierce Stormwater Charge	$3,684.60

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$1,251,030	$5,397	$0	$5,397
2020	$1,251,030	$5,397	$0	$5,397
2019	$1,251,030	$5,397	$0	$5,397
2018	$1,251,030	$5,397	$0	$5,397

Permits

Number	Issue Date	Description	Amount	Fee
DM2005153	Jul 12, 2006	Demolition	$20,000	$260
DM2006197	Dec 4, 2006	Demolition	$10,000	$130
DM200727	Mar 23, 2007	Demolition	$3,000	$130

Notice: This does not necessarily represent all the permits for this property.
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Property Identification

Site Address: 2421 PETERS RD
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-241-0002-000-6
Jurisdiction: Fort Pierce

Use Type: 0100
Account #: 14262
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #533 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 N 1/2 OF NE 1/4 OF SE 1/4 OF NW 1/4-LESS S 60 FT OF E 125 FT AND LESS E 30 FT- (4.64 AC)



Current Values

Just/Market Value:	$405,600
Assessed Value:	$405,600
Exemptions:	$405,600
Taxable Value:	$0

Property taxes are subject to change upon change of ownership.

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Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	1,404
Gross Sketched Area (SF):	2,004
Land Size (acres):	4.64
Land Size (SF):	202,118.4

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 15, 2021	4687 / 1640	0114	SP	Smith Joyce K	$900,000
Sep 15, 2021	4687 / 1640	0114	SP	Sapp (LF EST) Grady	$900,000
Nov 6, 2014	3688 / 0925	0114	WD	Sapp Grady	$100
Apr 11, 1990	0718 / 2723	XX01	WD	Sapp Lounette	$100

Building Information (1 of 2)

Finished Area: 1,404 SF

Gross Sketched Area: 1,404 SF

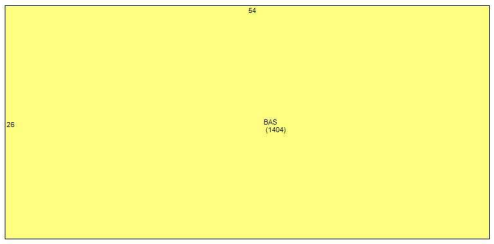
Exterior Data

View:	Roof Cover: Fibrglss Shg	Roof Structure: Gable
Building Type: HC-	Year Built: 1983	Frame:
Grade: C-	Effective Year: 1983	Primary Wall: CB Stucco
Story Height: 1 Story	No. Units: 1	Secondary Wall:

Interior Data

Bedrooms: 3	Electric: MAXIMUM	Primary Int Wall:
Full Baths: 1	Heat Type: FrcdHotAir	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel: ELEC	Primary Floors: Carpet
A/C %: 100%	Heated %: 100%	Sprinkled %: 0%





Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
BAS	BASE AREA	1404	1404	160

Building Information (2 of 2)

Finished Area: 0 SF

Gross Sketched Area: 600 SF

Exterior Data

View:	Roof Cover: Fibrglss Shg	Roof Structure: Gable
Building Type: DGAR	Year Built: 1999	Frame:
Grade: DG	Effective Year: 1999	Primary Wall: Wood/Sheath
Story Height: 1 Story	No. Units: 0	Secondary Wall:

Interior Data

Bedrooms: 0	Electric:	Primary Int Wall:
Full Baths: 0	Heat Type:	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel:	Primary Floors:
A/C %: %	Heated %: %	Sprinkled %: %

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Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
GDA	Garage Detached Average	600	0	100

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$80,800
Land:	$324,800
Just/Market:	$405,600
Ag Credit:	$0
Save Our Homes or 10% Cap:	$0
Assessed:	$405,600
Exemption(s):	$405,600
Taxable:	$0

Current Year Exemption Value Breakdown

Tax Year	Grant Year	Code	Description	Amount
2021	2006	0500	Homestead Exemption	$25,000
Tax Year	Grant Year	Code	Description	Amount
2021	2008	0550	Homestead Exemption over $ 50,000	$0
Tax Year	Grant Year	Code	Description	Amount
2021	2006	2200	Paraplegic,Blind,Confined to Wheel Chair	$380,600

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2009	2009	12	County Solid Waste	$276.14
Start Year	AssessCode	Units	Description	Amount
2013	0054	4.64	North St. Lucie Water Management District	$95.12
Start Year	AssessCode	Units	Description	Amount
2021	0041	1	Fort Pierce Stormwater Charge	$69.00

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$405,600	$405,600	$405,600	$0
2020	$401,400	$401,400	$401,400	$0
2019	$396,900	$396,391	$396,391	$0
2018	$389,000	$389,000	$389,000	$0

Permits

Number	Issue Date	Description	Amount	Fee
C05010518	Jan 12, 2005	Roof	$5,210	$0

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: 2449 PETERS RD
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-241-0003-000-3
Jurisdiction: Fort Pierce

Use Type: 0100
Account #: 14263
Map ID: 23/24N
Zoning: Comm Parkw

Ownership

SCANNELL PROPERTIES #553 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 S 60 FT OF E 125 FT OF N 1/2 OF NE 1/4 OF SE 1/4 OF NW 1/4- LESS E 25 FT FOR RD R/W- (0.14 AC) (ERRONEOUS LEGAL)



Current Values

Just/Market Value:	$77,300
Assessed Value:	$66,674
Exemptions:	$0
Taxable Value:	$66,674

Property taxes are subject to change upon change of ownership.

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Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	912
Gross Sketched Area (SF):	1,140
Land Size (acres):	0.14
Land Size (SF):	6,098.4

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 1005	0205	WD	RV Development LLC	$2,978,700
Oct 17, 2005	2398 / 0108	XX00	WD	Browning Bertie L	$205,000
Jan 1, 1900					$0

Building Information (1 of 1)

Finished Area: 912 SF

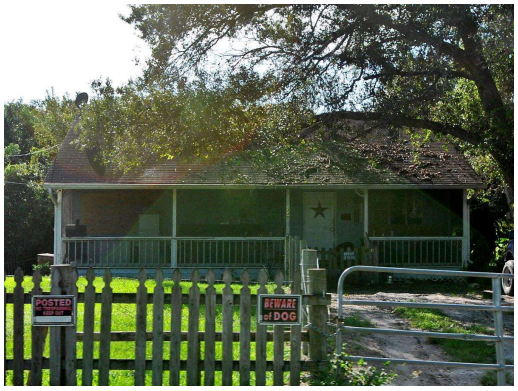
Gross Sketched Area: 1,140 SF

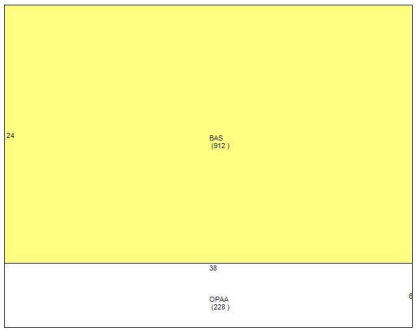
Exterior Data

View:	Roof Cover: Fibrglss Shg	Roof Structure: Gable
Building Type: HC-	Year Built: 1995	Frame:
Grade: C-	Effective Year: 1995	Primary Wall: Wood/Sheath
Story Height: 1 Story	No. Units: 1	Secondary Wall:

Interior Data

Bedrooms: 2	Electric: MAXIMUM	Primary Int Wall:
Full Baths: 1	Heat Type: FrcdHotAir	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel: ELEC	Primary Floors: Carpet
A/C %: 100%	Heated %: 100%	Sprinkled %: N/A%





Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter
BAS	BASE AREA	912	912	124
OPAA	Open Porch Attached Average	228	0	88

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$63,300
Land:	$14,000
Just/Market:	$77,300
Ag Credit:	$0
Save Our Homes or 10% Cap:	$10,626
Assessed:	$66,674
Exemption(s):	$0
Taxable:	$66,674

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2009	2009	12	County Solid Waste	$276.14

Start Year	AssessCode	Units	Description	Amount
2013	0054	0.14	North St. Lucie Water Management District	$25.00

Start Year	AssessCode	Units	Description	Amount
2021	0041	1	Fort Pierce Stormwater Charge	$69.00

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$77,300	$66,674	$0	$66,674
2020	$73,300	$60,613	$0	$60,613
2019	$76,000	$55,103	$0	$55,103
2018	$68,500	$50,094	$0	$50,094

Permits

Number	Issue Date	Description	Amount	Fee
0000158	Jul 1, 1971	RP Tag for Mobile Home	$0	$0
C94-01621	Apr 5, 1994	Residential New Construction	$47,880	$47,880

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

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Property Identification

Site Address: S KINGS HWY
Sec/Town/Range: 24/35S/39E
Parcel ID: 2324-241-0004-000-0
Jurisdiction: Fort Pierce

Use Type: 6000
Account #: 153212
Map ID: 23/24N
Zoning: Comm Parkw



Ownership

SCANNELL PROPERTIES #533 LLC

8801 River Crossing BLVD Ste 300
Indianapolis, IN 46240

Legal Description

24 35 39 W 455.58 FT OF E 1118.54 FT OF N 1/2 OF S 1/2 OF NW 1/4 AND W 1088.54 FT OF E 1118.54 FT OF S 264.18 FT OF S 1/2 OF N 1/2 OF S 1/2 OF NW 1/4 OF SEC (10.29 AC)

Current Values

Just/Market Value:	$668,850
Assessed Value:	$2,830
Exemptions:	$0
Taxable Value:	$2,830

Property taxes are subject to change upon change of ownership.

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- **The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.**

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	0
Gross Sketched Area (SF):	0
Land Size (acres):	10.29
Land Size (SF):	448,232

Building Design Wind Speed

Occupancy Category	I	II	III & IV
Speed	140	150	160

Sources/links:

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Sep 14, 2021	4688 / 0869	0002	WD	Great American RV Prop LLC	$986,200
Sep 12, 2003	1798 / 2252	XX00	WD	Blake Glenn M	$375,000
Feb 25, 2000	1282 / 0194	XX01	TR	Wolf William L	$526,300

Building Information (1 of 1)

Finished Area: 0 SF

Gross Sketched Area: 0 SF

Exterior Data

View:	Roof Cover:	Roof Structure:
Building Type:	Year Built: N/A	Frame:
Grade:	Effective Year: N/A	Primary Wall:
Story Height:	No. Units: 0	Secondary Wall:

Interior Data

Bedrooms: 0	Electric:	Primary Int Wall:
Full Baths: 0	Heat Type:	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel:	Primary Floors:
A/C %: 0%	Heated %: N/A%	Sprinkled %: 0%



Image or Sketch unavailable for display

Sketch Area Legend

Sub Area	Description	Area	Fin. Area	Perimeter

Special Features and Yard Items

Type	Qty	Units	Year Blt

Current Year Values

Current Values Breakdown

Building:	$0
Land:	$668,850
Just/Market:	$668,850
Ag Credit:	$666,020
Save Our Homes or 10% Cap:	$0
Assessed:	$2,830
Exemption(s):	$0
Taxable:	$2,830

Current Year Exemption Value Breakdown

Current Year Special Assessment Breakdown

Start Year	AssessCode	Units	Description	Amount
2013	0054	10.28999	North St. Lucie Water Management District	$210.94

Start Year	AssessCode	Units	Description	Amount
2021	0041	28	Fort Pierce Stormwater Charge	$1,932.00

This does not necessarily represent the total Special Assessements that could be charged against this property. The total amount charged for special assessments is reflected on the most current tax statement and information is available with the SLC Tax Collector's Office.

Historical Values

Year	Just/Market	Assessed	Exemptions	Taxable
2021	$668,850	$2,830	$0	$2,830
2020	$668,850	$2,830	$0	$2,830
2019	$668,850	$2,830	$0	$2,830
2018	$668,850	$2,830	$0	$2,830

Permits

Number	Issue Date	Description	Amount	Fee

Notice: This does not necessarily represent all the permits for this property.
Click the following link to check for additional permit data in Fort Pierce

All information is believed to be correct at this time, but is subject to change and is provided without any warranty.
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Stormwater Management Report

For

Kings Highway Commerce Park Phase-II

Ft. Pierce, Florida

03/01/2022

Prepared By:

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Contents

I. Introduction 3

II. Site Data 3

III. Phase-II 4

IV. Water Table 4

V. Design Criteria 4

VI. Bleeder Design 6

VII. Allowable Discharge 6

VIII. Conclusion 7

I. Introduction

The project is located at the southeast quadrant of Kings Hwy (SR-513) and White Road and extends east to Peters Road. The site is approximately 1 mile north of Okeechobee Rd (SR-70) and consist of 109.46 ac of land. See Exhibit-A

An industrial development including warehouse, distribution, and related offices with ultimate buildout of 34.09 ac of buildings and supporting infrastructure is proposed to be constructed in 2 phases.

SFWMD conceptual permit # 56-105369-P was issued on November 11, 2021, for the entire project. Phase-1 of this project also received a construction permit # 56-105650-P on the same date.

The site historical discharge is to North St. Lucie River Water Control District (NSLRWCD) Canal-40 along the west side of Kings Hwy via 2-30" RCP and then into the Ten Mile Creek and ultimately into the St. Lucie River North Fork which is considered impaired.

II. Site Data

Item	Permitted (ac)	Proposed (ac)	Phase-I (ac)	Phase-II (ac)	Future (ac)
Lot Area	107.55	107.55	52.89	45.06	9.60
Bldg	43.61	34.62	11.13	17.33	6.16
Pavt/SW	36.87	40.16	17.87	19.36	2.93
Lake	9.57	9.57	9.57	0	0
Impervious Total	90.05	84.35	38.57	36.69	9.09
% Impervious	83.7%	78.4%			
Lake	9.57	9.57	9.57	0	0
Pervious*	17.50	23.20	14.32	8.37	0.51
Dry Detentions	4.87	9.41	9.41	0	0
Pervious w/o dry det	12.63	13.79	4.91	8.37	0.51
Impervious w/o lakes	80.48	74.78	29.00	36.69	9.09
Exfiltration	2,868-lf	1,278-lf	1,278-lf	0	0

*Includes Dry Detentions

S = 6.8" (Depressional) x (1-0.784) x 0.75 = 1.10 in > 0.83 permitted.
CN = 90.1 < 92.3 permitted

III. Phase-II

1. The Phase-II includes construction of a 17.2-ac building with supporting infrastructure.
2. The dry detentions area increase from 4.87 ac to 9.74 ac.
3. Dry Detentions 5&6 are combined into Dry Detention 5 with its area increased to 2.59 ac.
4. Dry Detention 6 @ 2.75 ac is added along the north side of the main drive from Kings Hwy.
5. Dry Detention 8 area is increased from 1.49 ac to 2.07 ac.
6. Dry Detention-4 area is increased from 0.33 ac to 0.7 ac.
7. Exfiltration for PH-II is eliminated.
8. The dry detention areas shall provide the pre-treatment requirements for PH-II.
9. Proposed water quality/req'd = 206% > 200% permitted.
10. Control structures CS-5, 28, 92 & 103 modifications:
    Horizontal weir elevations are lowered from 13.75 to 13.25 ft, navd.
    The dry det volume is increased from 4.29 a-f @ el 13.75 permitted to 4.85 a-f @ el 13.25 due to increase in dry detentions area.
11. Control structures CS-1,2,4 & 92 modifications:
    Bleeder sizes are revised per Sect VI:
    a. CS-1 from 8.75" to 11".
    b. CS-2 from 3" to 8"
    c. CS-4 from 3" to 4.5".
    d. CS-92 from 3" to 5".
12. CS- 1 & 2 discharge pipes are increased from 24" to 30" which match the existing culverts under Kings Hwy provided by FDOT.

IV. Water Table

As per SFWMD conceptual permit # 56-105369-P, the wet season high water table is 11.5 FT, NAVD.

V. Design Criteria

Water Quality
Two control structures discharging into the NSLRWCD canal are to remain as permitted.
CS-1 is at Lake-1 and CS-2 is located at Lake-2.
High Water table is at 11.5 ft per Sect-V.
Control elevation is set @ 12.35 ft, navd to provide 12.35-11.5=0.85' of wet retention.
Weir el is set @ el 14.3 ft, navd to provide 1.95' of wet detention in the lakes.
In dry detentions, control structures with horizontal weir at el 13.25 provide (13.25-12.5) or 0.75' of dry detention.

V. Design Criteria, cont'd

Impaired outfall waters require add'l 50% water quality.
Required water quality is the greater of below in wet detention x 1.5:

a. 2.5" wet detention over impervious area.
b. 1.25" wet retention over impervious area.
c. 1" wet detention over the entire project area.

V req wet det = ((2.5"x107.55)(107.55-9.57-34.62-23.20)/(107.55-9.57-34.62))/12 = 14.2 A-F
1"(107.55-9.57-8.97) /12 = 7.41 A-F <14.20
V req wet det impaired waters = 14.2 x 1.5 = 21.3 A-F <22.79 permitted

V prop wet det =1.95'(lake area (@ 12.35+@14.3)/2=1.95'(9.96+10.66)/2=**20.1 A-F**
20.1< 22.6 permitted

Pre-treatment
V req pre-treat = (107.55-9.57-9.41) x 0.5"/12 = **3.69 A-F<3.88 permitted**
Dry detention and exfiltration trenches will be utilized.
0.75' of dry detention is proposed at all dry detention areas.
V dry det= 0.75'(A@ 12.5 bottom+A@ 13.25 weir)/2=0.75'(5.37+6.37)/2=**4.40 A-F**
V exf PH-1 = 5.35 A-I /12 = **0.45 A-F**
V prop pre-treat = **4.40 + 0.45 = 4.85 A-F >4.29 permitted**

Nutrient treatment
Wet retention shall be utilized.
V prop wet ret = 0.85(lake areas @ (11.5+12.35)/2)= 0.85(9.57+9.96)/2 = **8.3 A-F**
Prop Retention = (8.3+0.45)x12/ (107.55-9.57 lake-9.41 dry det) = **1.19">1.15" permitted.**

Dry detention volume requirement is 75% of wet detention.
Retention volume requirement is 50% of wet detention.

Water Quality Prop/Req = 20.1/21.3 + 4.85/(0.75 x 21.3) + (8.3+0.45)/(0.5 x 21.3) =
206% >200% permitted.

Design Elevations
Min Pavt EL
10yr-24hr storm peak stage 14.42 FT, NAVD (City of Ft Pierce)
Min Pavt EL 15.40 FT

Perimeter Berm EL
10yr-72hr storm peak stage 15.30 FT, NAVD (NSLRWCD)
Min perim berm EL 15.50 FT

Min Fin Floor EL
100yr-72hr storm peak stage 16.24 FT, NAVD
Min F.F. EL 17.50 FT

VI. Bleeder Design

Lakes 1 & 2
(SFWMD) Bleeder is to discharge 1/2" in 24 hr.
CS-1 @ lake-1 & CS-2 @ lake-2 are the 2 control structures discharging into NSLRWCD C-40.
Q Bleeders = 107.55 ac x 1/2" x 43,560/(12 x 3600 x 24) = 2.26 cfs
43,560/(12x3600x24) = 0.0424
$Q = 4.8 \times A \times (H)^{0.5}$
V bleed down @ 24 hr = (107.55 ac x ½") /12 = 4.48 a-f
H max = 4.48/9.96 ac lakes @ el 12.35 = 0.45'
H avg = 0.45'/2 = 0.225'
$2.26 = 4.8 \times A \times 0.225^{0.5}$
A = 1.01 sf = 145.1 sq in
CS-2 A = 145.1 /3 = 48.37 sq in
CS-2 bleeder dia = $(48.37/3.14)^{.5}$ x 2 = 7.8" use 8"
CS-1 A = 145.1-4^2 x 3.14 = 94.86 sq in
CS-1 bleeder dia = $(94.86/3.14)^{.5}$ x 2 = 11"

Dry Detentions 6 & 7
Q = 33.6 ac x ½" x 0.0424 = 0.71 cfs
H avg = 0.875'
A = 0.16 sf = 22.8 sq in
CS-104 to Lake-3 = 3" dia
CS-4 to Lake-1 = 22.8-$(3/2)^2$)3.14 = 15.74 sq in
CS-4 bleeder dia = $2(15.74/3.14)^{0.5}$ = 4.5"

Dry Detention 4 & 5
Q = 28.2 ac x ½" x 0.0424 = 0.60 cfs
H avg = 0.875'
A = 0.133 sf = 19.24 sq in
CS-92 bleeder dia = $2(19.24/3.14)^{0.5}$ = 5"

VII. Allowable Discharge

NSLRWCD allowable discharge is 2" per day for a 10yr-72hr storm. This is a volume-based limitation. There is no limitation on the peak discharge rate.
V allowable (10yr-72hr) = 107.55 ac x 2"/12 = 17.9 A-F /day
V max prop (10yr-72hr) = 17.7 A-F from hr-61.0 to hr-85.0 (see 10yr-72hr storm routing).

VIII. Conclusion

The following is proposed by PH-II construction & modifications:

1. Overall impervious area is reduced from 90.05 ac to 84.35 ac.
2. Dry Detention area is increased from 4.87 ac to 9.74 ac.
3. Wet detention is decreased from 22.60 to 20.1 a-f.
4. Dry detention volume is increased from 3.29 a-f @ el 13.75 to 4.40 a-f @ el 13.25.
5. Percentage of the proposed water quality / required is increased from 200% to 206%.
6. Depth of retention over the entire site is increased from 1.15" to 1.19" for nutrient treatment. Permanent pool volume remains the same.
   This, along with reduction of the impervious area, improves the nutrient treatment.

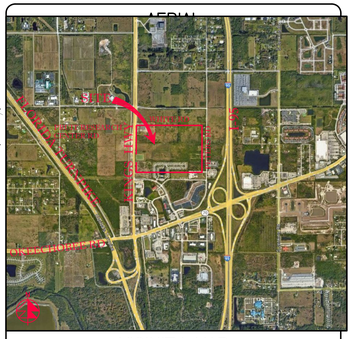
Therefore, based on above, Phase-II modifications are in conformance with / surpass SFWMD conceptual permit # 56-105369-P requirements.

Exhibit A

Aerial



PRUIT RESEARCH CENTER ROAD
WHITE ROAD
WHITE ROAD
WHITE ROAD
KING'S HIGHWAY (SR-713)
PETERS ROAD
CS-200 TYPE "H"
CS-92 "H"
LITTORAL ZONE
DRY DET-4
0.70 AC
(BIO-SWALE)
DA-DET-4
1.6 AC
0 BLDG
CS-3 "H"
DRY DET-5 2.59 AC (BIO-SWALE)
PH-III
FOUNTAIN
C-DET 5W
10.81 AC
5.3 BLDG
B-DET 5E
9.9 AC
4.4 BLDG
D-DET 4N
3.3 AC
0.85 BLDG
A-DET-6
6.22 AC
1.7 BLDG
LAKE-1
5.34 AC
L-LAKE 1
7.15 AC
BLDG-C
PH-II
750 KSF
40 KSF OFFICE
710 KSF WAREHOUSE
BLDG-D
PH-III
250 KSF
15 KSF OFFICE
235 KSF WAREHOUSE
FB-7WD
3.7 AC
0.85 BLDG
F-DET 7W
13.1 AC
5.8 BLDG
E-DET 7E
8.61AC
2.3 BLDG
DRY DETENTION-6 1.63 AC (BIO-SWALE)
FOUNTAIN
CS-1 "E"
LITTORAL ZONE
CS-4
"H"
DRY DET-7 2.56 AC
CS-103
"H"
LAKE-2
1.93 AC
LITTORAL ZONE
CS-2 "E"
FOUNTAIN
K-LAKE-2
4.1 AC
BENCH W/TRASH BIN TYP
J-BLDG A
8.8 AC
3.5 BLDG
BLDG-A
PH-I
265 KSF
17 KSF OFFICE
248 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD
17.0 ft, NAVD MIN
H-DET 8W
8.0 AC
3.0 BLDG
G-DET 8 E
6.7 AC-0.9 AC
2,5 BLDG
I-BLDG B
5.0 AC
2.0 BLDG
BLDG-B
PH-I
220 KSF
14 KSF OFFICE
207 KSF WAREHOUSE
F.F.EL 20.9 FT, NAVD
17.0 ft, NAVD MIN
LITTORAL ZONE
M-LAKE-3
4.44 AC
LAKE-3
2.30 AC
FOUNTAIN
DRY DETENTION-8 1.93 AC
CS-5 "H"
CS-28 "H"



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

N

200' 0 100' 200' 400'

SCALE: 1" = 100'

REVISIONS

REV PER CITY 06-25-21
REV PER SP 06-25-21
REV PER SLC 07-26-21
REV PER FDOT 08-25-21
REV PER FDOT 09-17-21

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Kings Highway Commerce Park
Fort Pierce, Florida

DRAINAGE BASINS

DRAWN BY	DESIGNED BY	SCALE	DATE
DDI	JHI	1" = 100'	01-22-2021

SEAL

COA 6986

SHEET NO.
DB-1

LEGEND

NODE W/ NO BASIN

NODE W/ BASIN

NODE DA-DET-4

PIPE CB54-4

NODE CB-54

CHANNEL CAW5D-CB-54

NODE CA-5WD

CHANNEL BA5ED-CA5WD

NODE BA-5ED

CHANNEL BA5ED-BB56

NODE BB-56

PIPE BB56-AB65

NODE AB-65

PIPE C-CA

PIPE A-AA

NODE D-DET-4

PIPE DET4N-DET4

NODE D-DET-4N

NODE C-DET-5W

NODE B-DET-5E

CHANNEL A6D-AB65

NODE FB-7WD

PIPE FB7WD-FCCS4

NODE FB-7WD

NODE F-DET-7W

NODE E-DET-7E

NODE A-DET-6

PIPE A-AA

NODE AA-6D

NODE L-LAKE-1

PIPE KA21-1

PIPE F-FA

PIPE E-EA

CHANNEL A6D-AC63

NODE O-CANAL

NODE KA-21

NODE FC-CS-4

CHANNEL EA7ED-FBCS4

NODE FA-7WD

CHANNEL EA7ED-FA7WD

NODE EA-7ED

CHANNEL EA7ED-EBME104

NODE EB-ME-104

PIPE 6-7

NODE AC-63

PIPE KA21-2

PIPE JA1-KA21

NODE K-LAKE-2

NODE JA-1

PIPE IA3-JA1

NODE IA-3

PIPE EC CB32-IAB3

NODE EC-CB32

PIPE J-JA

NODE J-BLDG-A

NODE I-BLDG-B

PIPE I-IA

PIPE EC CB32-MLAKE

NODE H-DET-8W

PIPE H-HA

PIPE G-GA

NODE G-DET-8E

NODE M-LAKE-3

NODE HB-CS5

CHANNEL HA8WD-HACS5

NODE HA-8WD

CHANNEL GA8ED-HA8WD

NODE GA-8ED

CHANNEL GA8ED-GBCS28

NODE GB-CS28

NODAL DIAGRAM

==========
==== Basins ====
==========

Name: A-DET 6 Node: A-DET 6 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 7.850 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: B-DET 5E Node: B-DET 5E Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 11.200 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: C-DET 5W Node: C-DET 5W Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 12.100 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: D-DET 4N Node: D-DET 4N Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 3.300 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: DA-DET 4 Node: DA-DET 4 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 15.00
Area(ac): 1.600 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: E-DET 7E Node: E-DET 7E Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00

Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 8.610 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: F-DET 7W Node: F-DET 7W Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 13.100 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: FB-7WD Node: FB-7WD Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 3.700 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: G-DET 8E Node: G-DET 8E Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 7.600 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: H-DET 8W Node: H-DET 8W Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 9.000 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: I-BLDG B Node: I-BLDG B Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 5.000 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: J-BLDG A Node: J-BLDG A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 10.00
Area(ac): 8.800 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: K-LAKE 2 Node: K-LAKE-2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 20.00
Area(ac): 4.100 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: L-LAKE 1 Node: L-LAKE 1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 25.00
Area(ac): 7.150 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: M-LAKE 3 Node: M-LAKE 3 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: SFWMD72 Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 20.00
Area(ac): 4.440 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: N-PreDev Node: N-PreDev Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Storm Duration(hrs): 0.00
Rainfall Amount(in): 0.000 Time of Conc(min): 70.00
Area(ac): 107.550 Time Shift(hrs): 0.00
Curve Number: 80.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

==========
==== Nodes ==========
==========

Name: A-DET 6 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000

11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	4.5200

Name: AA-6D Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: AB-65 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: AC-63 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: B-DET 5E Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	5.5000

Name: BA-5ED Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: BB-56 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: C-DET 5W Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	5.5100

Name: CA-5WD Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: CB-54 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: D-DET 4N Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	2.4500

Name: DA-DET 4 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003

12.500	0.5200
15.500	0.7000
17.200	1.6000

Name: E-DET 7E Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	5.3100

Name: EA-7ED Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: EB-ME 104 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
0.000	0.0010
11.500	0.0010

Name: EC-CB 32 Base Flow(cfs): 0.000 Init Stage(ft): 6.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
6.500	0.0010
17.500	0.0010

Name: F-DET 7W Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	5.7400

Name: FA-7WD Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500

Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: FB-7WD Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	2.8500

Name: FC-CS 4 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: G-DET 8E Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	4.2000

Name: GA-8ED Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: GB-CS 28 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010

17.500	0.0010

Name: H-DET 8W Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
12.490	0.0003
12.500	0.0003
15.500	0.0003
17.200	4.9700

Name: HA-8WD Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: HB-CS 5 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: I-BLDG B Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
15.500	0.0003
17.200	3.0000

Name: IA-3 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: J-BLDG A Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	0.0003
15.500	0.0003
17.200	5.3000

Name: JA-1 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: K-LAKE-2 Base Flow(cfs): 0.000 Init Stage(ft): 12.600
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	1.9300
12.350	2.0200
15.500	2.3600
17.200	4.2000

Name: KA-21 Base Flow(cfs): 0.000 Init Stage(ft): 11.500
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.500	0.0010
17.500	0.0010

Name: L-LAKE 1 Base Flow(cfs): 0.000 Init Stage(ft): 12.600
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	5.3400
12.350	5.5500
15.500	6.3300
17.200	7.1500

Name: M-LAKE 3 Base Flow(cfs): 0.000 Init Stage(ft): 12.600
Group: BASE Warn Stage(ft): 17.500
Type: Stage/Area

Stage(ft)	Area(ac)
11.490	0.0000
11.500	2.3000
12.350	2.4200
15.500	2.5500
17.200	4.4400

```
------------------------------------------------------------------------------------------
      Name: N-PreDev            Base Flow(cfs): 0.000          Init Stage(ft): 14.500
     Group: BASE                                              Warn Stage(ft): 18.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         14.500          0.0000
         16.800        107.5500

------------------------------------------------------------------------------------------
      Name: O-CANAL             Base Flow(cfs): 0.000          Init Stage(ft): 4.500
     Group: BASE                                              Warn Stage(ft): 14.500
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00           4.500
          60.00          13.800
         120.00           4.500

==========================================================================================
==== Pipes ===============================================================================
==========================================================================================

         Name: 6-7                 From Node: AC-63             Length(ft): 148.00
        Group: BASE                  To Node: EB-ME 104             Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                         Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.00
     Rise(in): 36.00          36.00                        Exit Loss Coef: 1.00
   Invert(ft): 11.500         11.500                       Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


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

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


------------------------------------------------------------------------------------------
         Name: A-AA                From Node: A-DET 6           Length(ft): 135.00
        Group: BASE                  To Node: AA-6D                 Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                         Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.00
     Rise(in): 36.00          36.00                        Exit Loss Coef: 1.00
   Invert(ft): 11.500         11.500                       Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


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

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
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---------------------------------------------------------------------------------------------------
         Name: B-BA                From Node: B-DET 5E           Length(ft): 14.00
        Group: BASE                  To Node: BA-5ED                 Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                            Flow: Both
     Span(in): 42.00          42.00                     Entrance Loss Coef: 0.00
     Rise(in): 42.00          42.00                         Exit Loss Coef: 1.00
   Invert(ft): 11.500         11.500                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


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

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


---------------------------------------------------------------------------------------------------
         Name: BB56--AB65          From Node: BB-56              Length(ft): 130.00
        Group: BASE                  To Node: AB-65                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                            Flow: Both
     Span(in): 42.00          42.00                     Entrance Loss Coef: 0.00
     Rise(in): 42.00          42.00                         Exit Loss Coef: 1.00
   Invert(ft): 11.500         11.500                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


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

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


---------------------------------------------------------------------------------------------------
         Name: C-CA                From Node: C-DET 5W           Length(ft): 14.00
        Group: BASE                  To Node: CA-5WD                 Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                            Flow: Both
     Span(in): 52.00          52.00                     Entrance Loss Coef: 0.00
     Rise(in): 52.00          52.00                         Exit Loss Coef: 1.00
   Invert(ft): 11.000         11.000                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


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

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


---------------------------------------------------------------------------------------------------
         Name: CB54-4              From Node: CB-54              Length(ft): 58.00
        Group: BASE                  To Node: DA-DET 4               Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                            Flow: Both
```

Span(in):	48.00	48.00	Entrance Loss Coef:	0.00
Rise(in):	48.00	48.00	Exit Loss Coef:	1.00
Invert(ft):	11.500	11.500	Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

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

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

Name:	DET4N-DET4	From Node: D-DET 4N	Length(ft):	260.00
Group:	BASE	To Node: DA-DET 4	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	30.00	30.00	Entrance Loss Coef:	0.00
Rise(in):	30.00	30.00	Exit Loss Coef:	1.00
Invert(ft):	11.500	11.500	Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

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

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

Name:	E-EA	From Node: E-DET 7E	Length(ft):	14.00
Group:	BASE	To Node: EA-7ED	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	42.00	42.00	Entrance Loss Coef:	0.00
Rise(in):	42.00	42.00	Exit Loss Coef:	1.00
Invert(ft):	11.500	11.500	Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

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

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

Name:	EC CB32-IAB3	From Node: EC-CB 32	Length(ft):	511.00
Group:	BASE	To Node: IA-3	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	48.00	48.00	Entrance Loss Coef:	0.00
Rise(in):	48.00	48.00	Exit Loss Coef:	1.00
Invert(ft):	6.500	6.500	Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

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

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

Name:	EC CB32-M lake	From Node:	EC-CB 32	Length(ft): 96.00
Group:	BASE	To Node:	M-LAKE 3	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	48.00	48.00		Entrance Loss Coef: 0.00
Rise(in):	48.00	48.00		Exit Loss Coef: 1.00
Invert(ft):	6.500	6.500		Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

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

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

Name:	F-FA	From Node:	F-DET 7W	Length(ft): 14.00
Group:	BASE	To Node:	FA-7WD	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	52.00	52.00		Entrance Loss Coef: 0.00
Rise(in):	52.00	52.00		Exit Loss Coef: 1.00
Invert(ft):	11.000	11.000		Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

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

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

Name:	FB7WD-FCCS4	From Node:	FB-7WD	Length(ft): 352.00
Group:	BASE	To Node:	FC-CS 4	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	30.00	30.00		Entrance Loss Coef: 0.00
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	11.500	11.500		Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

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

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

Name: G-GA	From Node: G-DET 8E	Length(ft): 14.00	
Group: BASE	To Node: GA-8ED	Count: 1	
		Friction Equation: Automatic	
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	48.00	48.00	Entrance Loss Coef: 0.00
Rise(in):	48.00	48.00	Exit Loss Coef: 1.00
Invert(ft):	11.500	11.500	Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

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

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

Name: H-HA	From Node: H-DET 8W	Length(ft): 14.00	
Group: BASE	To Node: HA-8WD	Count: 1	
		Friction Equation: Automatic	
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	48.00	48.00	Entrance Loss Coef: 0.00
Rise(in):	48.00	48.00	Exit Loss Coef: 1.00
Invert(ft):	11.500	11.500	Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

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

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

Name: I-IA	From Node: I-BLDG B	Length(ft): 69.00	
Group: BASE	To Node: IA-3	Count: 1	
		Friction Equation: Automatic	
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	36.00	36.00	Entrance Loss Coef: 0.00
Rise(in):	36.00	36.00	Exit Loss Coef: 1.00
Invert(ft):	11.500	11.500	Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

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

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

Name: IA3-JA1 From Node: IA-3 Length(ft): 971.00
Group: BASE To Node: JA-1 Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	48.00	48.00	Flow:	Both
Rise(in):	48.00	48.00	Entrance Loss Coef:	0.00
Invert(ft):	6.500	6.500	Exit Loss Coef:	1.00
Manning's N:	0.013000	0.013000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Stabilizer Option:	None

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

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

Name: J-JA From Node: J-BLDG A Length(ft): 69.00
Group: BASE To Node: JA-1 Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	36.00	36.00	Flow:	Both
Rise(in):	36.00	36.00	Entrance Loss Coef:	0.00
Invert(ft):	11.500	11.500	Exit Loss Coef:	1.00
Manning's N:	0.013000	0.013000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Stabilizer Option:	None

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

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

Name: JA1-KA21 From Node: JA-1 Length(ft): 768.00
Group: BASE To Node: KA-21 Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	48.00	48.00	Flow:	Both
Rise(in):	48.00	48.00	Entrance Loss Coef:	0.00
Invert(ft):	6.500	6.500	Exit Loss Coef:	1.00
Manning's N:	0.013000	0.013000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Stabilizer Option:	None

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

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

Name: KA21-1 From Node: KA-21 Length(ft): 768.00
Group: BASE To Node: L-LAKE 1 Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	60.00	60.00	Flow:	Both
			Entrance Loss Coef:	0.00

Rise(in):	60.00	60.00	Exit Loss Coef:	1.00
Invert(ft):	5.500	4.000	Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

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

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

Name: KA21-2 From Node: KA-21 Length(ft): 87.00
Group: BASE To Node: K-LAKE-2 Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	42.00	42.00	Flow:	Both
Rise(in):	42.00	42.00	Entrance Loss Coef:	0.00
Invert(ft):	7.000	5.500	Exit Loss Coef:	1.00
Manning's N:	0.013000	0.013000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Stabilizer Option:	None

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

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

==========
==== Channels ==========
==========

Name: A6D-AB65 From Node: AA-6D Length(ft): 594.00
Group: BASE To Node: AB-65 Count: 1

	UPSTREAM	DOWNSTREAM		
Geometry:	Trapezoidal	Trapezoidal	Friction Equation:	Automatic
Invert(ft):	12.500	12.500	Solution Algorithm:	Automatic
TClpInitZ(ft):	9999.000	9999.000	Flow:	Both
Manning's N:	0.050000	0.050000	Contraction Coef:	0.100
Top Clip(ft):	0.000	0.000	Expansion Coef:	0.300
Bot Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Main XSec:			Exit Loss Coef:	0.000
AuxElev1(ft):			Outlet Ctrl Spec:	Use dc or tw
Aux XSec1:			Inlet Ctrl Spec:	Use dc
AuxElev2(ft):			Stabilizer Option:	None
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	34.000	34.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name: A6D-AC63 From Node: AA-6D Length(ft): 549.00
Group: BASE To Node: AC-63 Count: 1

	UPSTREAM	DOWNSTREAM		
Geometry:	Trapezoidal	Trapezoidal	Friction Equation:	Automatic
Invert(ft):	12.500	12.500	Solution Algorithm:	Automatic
TClpInitZ(ft):	9999.000	9999.000	Flow:	Both
Manning's N:	0.050000	0.050000	Contraction Coef:	0.100
			Expansion Coef:	0.300

Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	34.000	34.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	BA5ED-BB56	From Node: BA-5ED	Length(ft):	363.00
Group:	BASE	To Node: BB-56	Count:	1
	UPSTREAM	DOWNSTREAM	Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	41.000	41.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	BA5ED-CA5WD	From Node: BA-5ED	Length(ft):	984.00
Group:	BASE	To Node: CA-5WD	Count:	1
	UPSTREAM	DOWNSTREAM	Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	41.000	41.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	CA5WD-CB54	From Node: CA-5WD	Length(ft):	399.00
Group:	BASE	To Node: CB-54	Count:	1
	UPSTREAM	DOWNSTREAM	Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw

AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	41.000	41.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	EA7ED-EBME104	From Node: EA-7ED	Length(ft):	360.00
Group:	BASE	To Node: EB-ME 104	Count:	1
	UPSTREAM	DOWNSTREAM	Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	35.000	35.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	EA7ED-FA7WD	From Node: EA-7ED	Length(ft):	966.00
Group:	BASE	To Node: FA-7WD	Count:	1
	UPSTREAM	DOWNSTREAM	Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	35.000	35.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	FA7WD-FBCS4	From Node: FA-7WD	Length(ft):	592.00
Group:	BASE	To Node: FC-CS 4	Count:	1
	UPSTREAM	DOWNSTREAM	Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				

Aux XSec2:		
Top Width(ft):		
Depth(ft):		
Bot Width(ft):	35.000	35.000
LtSdSlp(h/v):	4.00	4.00
RtSdSlp(h/v):	4.00	4.00

Name:	GA8ED-GBCS28	From Node:	GA-8ED	Length(ft): 376.00
Group:	BASE	To Node:	GB-CS 28	Count: 1

	UPSTREAM	DOWNSTREAM		
			Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	17.000	17.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	GA8ED-HA8WD	From Node:	GA-8ED	Length(ft): 1041.00
Group:	BASE	To Node:	HA-8WD	Count: 1

	UPSTREAM	DOWNSTREAM		
			Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				
Bot Width(ft):	17.000	17.000		
LtSdSlp(h/v):	4.00	4.00		
RtSdSlp(h/v):	4.00	4.00		

Name:	HA8WD-HACS5	From Node:	HA-8WD	Length(ft): 544.00
Group:	BASE	To Node:	HB-CS 5	Count: 1

	UPSTREAM	DOWNSTREAM		
			Friction Equation:	Automatic
Geometry:	Trapezoidal	Trapezoidal	Solution Algorithm:	Automatic
Invert(ft):	12.500	12.500	Flow:	Both
TClpInitZ(ft):	9999.000	9999.000	Contraction Coef:	0.100
Manning's N:	0.050000	0.050000	Expansion Coef:	0.300
Top Clip(ft):	0.000	0.000	Entrance Loss Coef:	0.000
Bot Clip(ft):	0.000	0.000	Exit Loss Coef:	0.000
Main XSec:			Outlet Ctrl Spec:	Use dc or tw
AuxElev1(ft):			Inlet Ctrl Spec:	Use dc
Aux XSec1:			Stabilizer Option:	None
AuxElev2(ft):				
Aux XSec2:				
Top Width(ft):				
Depth(ft):				

```
 Bot Width(ft): 17.000         17.000
  LtSdSlp(h/v): 4.00           4.00
  RtSdSlp(h/v): 4.00           4.00



================================================================================
==== Drop Structures ===========================================================
================================================================================

         Name: CS-1               From Node: M-LAKE 3          Length(ft): 24.00
        Group: BASE                 To Node: O-CANAL               Count: 1

               UPSTREAM       DOWNSTREAM                Friction Equation: Average Conveyance
     Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                                Flow: Both
     Rise(in): 30.00          30.00                   Entrance Loss Coef: 0.000
   Invert(ft): 7.500          7.500                       Exit Loss Coef: 0.000
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                         Solution Incs: 0

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

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



*** Weir 1 of 2 for Drop Structure CS-1 ***
                                                                              TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.130
                Geometry: Rectangular          Orifice Disc Coef: 0.600

                Span(in): 10.00                       Invert(ft): 14.500
                Rise(in): 10.00                Control Elev(ft): 14.500

*** Weir 2 of 2 for Drop Structure CS-1 ***
                                                                              TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.130
                Geometry: Circular             Orifice Disc Coef: 0.600

                Span(in): 11.00                       Invert(ft): 12.350
                Rise(in): 11.00                Control Elev(ft): 12.350


--------------------------------------------------------------------------------------------------------
         Name: CS-103             From Node: AA-6D             Length(ft): 38.00
        Group: BASE                 To Node: EC-CB 32              Count: 1

               UPSTREAM       DOWNSTREAM                Friction Equation: Average Conveyance
     Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
     Span(in): 42.00          42.00                                Flow: Both
     Rise(in): 42.00          42.00                   Entrance Loss Coef: 0.000
   Invert(ft): 6.500          6.000                       Exit Loss Coef: 1.000
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                         Solution Incs: 10

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

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



*** Weir 1 of 2 for Drop Structure CS-103 ***
                                                                              TABLE
                  Count: 1                       Bottom Clip(in): 0.000
```

```
                  Type: Horizontal               Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 70.00                      Invert(ft): 13.250
              Rise(in): 35.00                Control Elev(ft): 13.250

*** Weir 2 of 2 for Drop Structure CS-103 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Circular             Orifice Disc Coef: 0.600

              Span(in): 3.00                       Invert(ft): 11.500
              Rise(in): 3.00                 Control Elev(ft): 11.500


-------------------------------------------------------------------------------------------------
         Name: CS-2               From Node: K-LAKE-2          Length(ft): 24.00
        Group: BASE                 To Node: O-CANAL               Count: 1

               UPSTREAM       DOWNSTREAM                Friction Equation: Average Conveyance
     Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                               Flow: Both
     Rise(in): 30.00          30.00                  Entrance Loss Coef: 0.000
   Invert(ft): 7.500          7.500                      Exit Loss Coef: 0.000
  Manning's N: 0.013000       0.013000                 Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                     Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                       Solution Incs: 0

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

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



*** Weir 1 of 2 for Drop Structure CS-2 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.130
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 4.00                       Invert(ft): 14.500
              Rise(in): 10.00                Control Elev(ft): 14.500

*** Weir 2 of 2 for Drop Structure CS-2 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.130
              Geometry: Circular             Orifice Disc Coef: 0.600

              Span(in): 8.00                       Invert(ft): 12.350
              Rise(in): 8.00                 Control Elev(ft): 12.350


-------------------------------------------------------------------------------------------------
         Name: CS-28              From Node: GB-CS 28          Length(ft): 60.00
        Group: BASE                 To Node: M-LAKE 3              Count: 1

               UPSTREAM       DOWNSTREAM                Friction Equation: Average Conveyance
     Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                               Flow: Both
     Rise(in): 36.00          36.00                  Entrance Loss Coef: 0.000
   Invert(ft): 7.000          5.000                      Exit Loss Coef: 1.000
  Manning's N: 0.010000       0.010000                 Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                     Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Solution Incs: 10

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

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

*** Weir 1 of 2 for Drop Structure CS-28 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Horizontal	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	70.00	Invert(ft):	13.250
Rise(in):	35.00	Control Elev(ft):	13.250

*** Weir 2 of 2 for Drop Structure CS-28 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Circular	Orifice Disc Coef:	0.600
Span(in):	3.00	Invert(ft):	11.500
Rise(in):	3.00	Control Elev(ft):	11.500

Name:	CS-4	From Node:	FC-CS 4
Group:	BASE	To Node:	L-LAKE 1
Length(ft):	176.00		
Count:	1		

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	48.00	48.00
Rise(in):	48.00	48.00
Invert(ft):	6.500	5.500
Manning's N:	0.013000	0.013000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation:	Average Conveyance
Solution Algorithm:	Most Restrictive
Flow:	Both
Entrance Loss Coef:	0.000
Exit Loss Coef:	1.000
Outlet Ctrl Spec:	Use dc or tw
Inlet Ctrl Spec:	Use dc
Solution Incs:	10

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

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

*** Weir 1 of 2 for Drop Structure CS-4 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Horizontal	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	70.00	Invert(ft):	13.250
Rise(in):	35.00	Control Elev(ft):	13.250

*** Weir 2 of 2 for Drop Structure CS-4 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Circular	Orifice Disc Coef:	0.600
Span(in):	4.50	Invert(ft):	11.500
Rise(in):	4.50	Control Elev(ft):	11.500

Name:	CS-5	From Node:	HB-CS 5
Group:	BASE	To Node:	K-LAKE-2
Length(ft):	332.00		
Count:	1		

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular

Friction Equation:	Average Conveyance
Solution Algorithm:	Most Restrictive

Span(in):	42.00	42.00	Flow: Both
Rise(in):	42.00	42.00	Entrance Loss Coef: 0.000
Invert(ft):	8.000	5.500	Exit Loss Coef: 1.000
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Solution Incs: 10

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

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

*** Weir 1 of 2 for Drop Structure CS-5 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Horizontal	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	70.00	Invert(ft):	13.250
Rise(in):	35.00	Control Elev(ft):	13.250

*** Weir 2 of 2 for Drop Structure CS-5 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Circular	Orifice Disc Coef:	0.600
Span(in):	3.00	Invert(ft):	11.500
Rise(in):	3.00	Control Elev(ft):	11.500

Name:	CS-92	From Node: DA-DET 4	Length(ft): 52.00
Group:	BASE	To Node: L-LAKE 1	Count: 1

	UPSTREAM	DOWNSTREAM		
			Friction Equation:	Average Conveyance
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	54.00	54.00	Flow:	Both
Rise(in):	54.00	54.00	Entrance Loss Coef:	0.000
Invert(ft):	6.500	4.500	Exit Loss Coef:	1.000
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Solution Incs:	10

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

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

*** Weir 1 of 2 for Drop Structure CS-92 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Horizontal	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	70.00	Invert(ft):	13.250
Rise(in):	35.00	Control Elev(ft):	13.250

*** Weir 2 of 2 for Drop Structure CS-92 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Circular	Orifice Disc Coef:	0.600
Span(in):	5.00	Invert(ft):	11.500

Rise(in): 5.00 Control Elev(ft): 11.500

==========
==== Hydrology Simulations ==========
==========

Name: 100YR-24HR
Filename: C:\ICPRUSER1\10YR-24HR.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 8.00

Time(hrs)	Print Inc(min)
8.000	60.00
16.000	30.00
24.000	60.00

Name: 100YR-72HR
Filename: C:\ICPRUSER1\100YR-72HR.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: SFWMD72
Rainfall Amount(in): 10.00

Time(hrs)	Print Inc(min)
48.000	60.00
72.000	15.00

Name: 10YR-24HR
Filename: C:\ICPRUSER1\10YR-24HR.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 5.50

Time(hrs)	Print Inc(min)
8.000	60.00
16.000	30.00
24.000	60.00

Name: 10YR-72HR
Filename: C:\ICPRUSER1\10 yr 72 hr.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: SFWMD72
Rainfall Amount(in): 8.10

Time(hrs)	Print Inc(min)
48.000	60.00
72.000	15.00

Name: 25yr-72hr
Filename: C:\ICPRUSER1\25 year 72 hr.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: SFWMD72
Rainfall Amount(in): 9.10

Time(hrs)	Print Inc(min)

48.000 60.00
72.000 15.00

Name: 5YR-24HR
Filename: C:\ICPRUSER1\5YR-24HR.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 4.60

Time(hrs)	Print Inc(min)
8.000	60.00
16.000	30.00
24.000	60.00

==========
==== Routing Simulations ==========
==========

Name: 100YR-24HR Hydrology Sim: 100YR-24HR
Filename: C:\ICPRUSER1\100YR-24HR.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 24.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
4.000	240.000
10.000	60.000
12.000	15.000
24.000	120.000

Group	Run
BASE	Yes

Name: 100YR-72HR Hydrology Sim: 100YR-72HR
Filename: C:\ICPRUSER1\100YR-72HR.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

IBP

Time(hrs)	Print Inc(min)
36.000	720.000
48.000	240.000
60.000	60.000
72.000	60.000

Group	Run
BASE	Yes

Name: 10YR-24HR Hydrology Sim: 10YR-24HR
Filename: C:\ICPRUSER1\10YR-24HR.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 24.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
4.000	240.000
10.000	60.000
12.000	15.000
24.000	120.000

Group	Run
BASE	Yes

Name: 10YR-72HR Hydrology Sim: 10YR-72HR
Filename: C:\ICPRUSER1\10YR72HR.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 360.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

IBP

Time(hrs)	Print Inc(min)
36.000	120.000
48.000	120.000
60.000	60.000
96.000	60.000
360.000	120.000

Group	Run
BASE	Yes

Name: 25yr-72hr Hydrology Sim: 25yr-72hr
Filename: C:\ICPRUSER1\25YR72HR.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

IBP

Time(hrs)	Print Inc(min)
36.000	120.000
48.000	120.000
60.000	60.000
72.000	60.000
360.000	360.000

Group	Run
BASE	Yes

Name: 5YR-24HR Hydrology Sim: 5YR-24HR
Filename: C:\ICPRUSER1\5YR-24HR.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 24.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
4.000	240.000
10.000	60.000
12.000	15.000
24.000	120.000

Group	Run
BASE	Yes

Kings Hwy Commerce Park-II
03/16/22
Max Node

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
A-DET 6	BASE	100YR-72HR	72.00	16.236	17.500	0.0022	85290	60.00	34.088	59.88	29.833
AA-6D	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	36636	59.88	29.833	60.38	18.691
AB-65	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	19100	60.05	9.246	0.00	0.000
AC-63	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	17662	60.38	3.687	60.76	0.409
B-DET 5E	BASE	100YR-72HR	72.00	16.236	17.500	0.0018	103771	60.00	48.635	59.96	46.345
BA-5ED	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	47858	59.96	46.345	60.32	22.419
BB-56	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	12991	60.00	13.672	60.02	7.405
C-DET 5W	BASE	100YR-72HR	72.00	16.236	17.500	0.0015	103958	60.00	52.543	60.00	52.472
CA-5WD	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	49135	60.00	60.126	60.02	35.736
CB-54	BASE	100YR-72HR	72.00	16.236	17.500	0.0013	14261	60.02	35.736	60.11	29.904
D-DET 4N	BASE	100YR-72HR	72.00	16.236	17.500	0.0017	46239	60.00	14.330	60.00	14.154
DA-DET 4	BASE	100YR-72HR	72.00	16.236	17.500	0.0026	47491	60.00	48.616	60.11	34.494
E-DET 7E	BASE	100YR-72HR	72.00	16.236	17.500	0.0017	100183	60.00	37.388	60.00	37.309
EA-7ED	BASE	100YR-72HR	72.00	16.236	17.500	0.0014	43136	60.00	37.309	60.00	15.224
EB-ME 104	BASE	100YR-72HR	72.00	16.236	17.500	0.0014	11804	60.00	6.152	0.00	0.000
EC-CB 32	BASE	100YR-72HR	72.00	16.256	17.500	0.4003	174	60.18	11.298	60.82	21.052
F-DET 7W	BASE	100YR-72HR	72.00	16.236	17.500	0.0016	108295	60.00	56.885	60.00	56.810
FA-7WD	BASE	100YR-72HR	72.00	16.236	17.500	0.0014	50664	60.00	57.714	60.03	31.477
FB-7WD	BASE	100YR-72HR	72.00	16.236	17.500	0.0022	53794	60.00	16.067	59.88	13.981
FC-CS 4	BASE	100YR-72HR	72.00	16.236	17.500	0.0014	19342	60.01	43.772	60.09	35.096
G-DET 8E	BASE	100YR-72HR	72.00	16.235	17.500	0.0013	79152	60.00	33.002	60.00	32.931
GA-8ED	BASE	100YR-72HR	72.00	16.235	17.500	0.0012	33331	60.00	32.931	60.01	18.411
GB-CS 28	BASE	100YR-72HR	72.00	16.235	17.500	0.0012	8927	60.00	16.897	60.02	13.052
H-DET 8W	BASE	100YR-72HR	72.00	16.235	17.500	0.0013	93661	60.00	39.081	60.00	39.010
HA-8WD	BASE	100YR-72HR	72.00	16.235	17.500	0.0012	37269	60.00	40.488	60.01	24.331
HB-CS 5	BASE	100YR-72HR	72.00	16.235	17.500	0.0012	12865	60.01	24.331	60.09	19.374
I-BLDG B	BASE	100YR-72HR	72.00	16.238	17.500	0.0116	56728	60.00	21.712	59.99	21.329
IA-3	BASE	100YR-72HR	72.00	16.228	17.500	0.1234	266	0.01	34.911	0.03	6.574
J-BLDG A	BASE	100YR-72HR	72.00	16.238	17.500	0.0113	100260	60.00	38.213	59.84	31.749
JA-1	BASE	100YR-72HR	72.00	16.243	17.500	0.0445	292	59.94	32.970	60.00	29.235
K-LAKE-2	BASE	100YR-72HR	72.00	16.235	17.500	0.0009	137473	60.02	41.181	0.00	0.000
KA-21	BASE	100YR-72HR	72.00	16.228	17.500	0.2346	293	60.00	29.235	60.00	29.209
L-LAKE 1	BASE	100YR-72HR	72.00	16.236	17.500	0.0008	291287	60.09	108.735	0.00	0.000
M-LAKE 3	BASE	100YR-72HR	72.00	16.235	17.500	0.0011	146693	60.00	56.634	0.00	0.000
N-PreDev	BASE	100YR-72HR	72.00	16.179	18.000	0.0001	3419726	60.75	155.719	0.00	0.000
O-CANAL	BASE	100YR-72HR	60.00	13.800	14.500	0.0001	0	0.00	0.000	0.00	0.000
A-DET 6	BASE	10YR-24HR	23.78	14.416	17.500	0.0009	180	12.00	22.996	12.00	22.867
AA-6D	BASE	10YR-24HR	23.80	14.416	17.500	0.0011	28371	12.00	22.867	12.20	10.411
AB-65	BASE	10YR-24HR	23.80	14.416	17.500	0.0011	14933	11.92	7.278	0.00	0.000
AC-63	BASE	10YR-24HR	23.80	14.416	17.500	0.0011	13727	11.14	0.982	12.94	0.645
B-DET 5E	BASE	10YR-24HR	23.77	14.422	17.500	-0.0012	131	12.00	32.810	12.00	32.755
BA-5ED	BASE	10YR-24HR	23.80	14.416	17.500	0.0011	38070	12.00	32.755	12.28	15.855
BB-56	BASE	10YR-24HR	23.80	14.416	17.500	0.0012	10507	12.08	12.751	12.25	9.367
C-DET 5W	BASE	10YR-24HR	23.75	14.410	17.500	-0.0012	138	12.00	35.446	12.00	35.370
CA-5WD	BASE	10YR-24HR	23.80	14.416	17.500	0.0011	39091	12.00	36.003	12.38	22.594
CB-54	BASE	10YR-24HR	23.81	14.416	17.500	0.0012	11454	12.38	22.594	12.45	21.646
D-DET 4N	BASE	10YR-24HR	23.80	14.416	17.500	0.0007	129	12.00	9.667	12.00	9.507
DA-DET 4	BASE	10YR-24HR	23.81	14.416	17.500	0.0026	27779	12.34	29.990	12.40	27.396
E-DET 7E	BASE	10YR-24HR	23.77	14.421	17.500	-0.0009	131	12.00	25.222	12.00	25.154
EA-7ED	BASE	10YR-24HR	23.80	14.416	17.500	0.0011	33501	12.00	25.154	12.26	13.729
EB-ME 104	BASE	10YR-24HR	23.80	14.416	17.500	0.0012	9246	11.96	5.154	0.00	0.000

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
EC-CB 32	BASE	10YR-24HR	23.81	14.390	17.500	0.3844	174	12.29	22.918	12.24	28.869
F-DET 7W	BASE	10YR-24HR	23.75	14.410	17.500	-0.0013	138	12.00	38.375	12.00	38.306
FA-7WD	BASE	10YR-24HR	23.80	14.416	17.500	0.0010	39346	12.15	32.100	12.35	26.385
FB-7WD	BASE	10YR-24HR	23.80	14.417	17.500	0.0013	135	12.00	10.839	12.00	10.731
FC-CS 4	BASE	10YR-24HR	23.81	14.416	17.500	0.0008	15033	12.28	33.561	12.33	32.074
G-DET 8E	BASE	10YR-24HR	23.80	14.400	17.500	-0.0008	138	12.00	22.264	12.00	22.218
GA-8ED	BASE	10YR-24HR	23.83	14.404	17.500	0.0004	22973	12.00	22.218	12.13	17.775
GB-CS 28	BASE	10YR-24HR	23.83	14.403	17.500	0.0005	6172	12.10	20.101	12.12	19.276
H-DET 8W	BASE	10YR-24HR	23.80	14.410	17.500	-0.0009	138	12.00	26.365	12.00	26.317
HA-8WD	BASE	10YR-24HR	23.83	14.404	17.500	0.0004	25681	12.00	23.911	12.15	19.140
HB-CS 5	BASE	10YR-24HR	23.84	14.404	17.500	0.0003	8880	12.15	19.140	12.17	18.689
I-BLDG B	BASE	10YR-24HR	23.71	14.407	17.500	0.0106	148	12.00	14.647	12.00	14.511
IA-3	BASE	10YR-24HR	23.76	14.418	17.500	0.1222	295	0.01	33.710	12.50	11.687
J-BLDG A	BASE	10YR-24HR	23.69	14.418	17.500	0.0107	147	12.00	25.779	12.00	25.730
JA-1	BASE	10YR-24HR	23.76	14.406	17.500	0.0406	322	12.04	29.167	12.20	27.063
K-LAKE-2	BASE	10YR-24HR	23.87	14.405	17.500	0.0008	97660	12.09	31.737	23.87	2.204
KA-21	BASE	10YR-24HR	23.86	14.417	17.500	0.2346	293	12.20	27.063	12.09	29.231
L-LAKE 1	BASE	10YR-24HR	23.88	14.414	17.500	0.0008	264119	12.31	90.885	0.00	0.000
M-LAKE 3	BASE	10YR-24HR	23.86	14.400	17.500	0.0012	109109	12.13	55.153	23.86	4.006
N-PreDev	BASE	10YR-24HR	24.00	15.612	18.000	0.0002	2264771	13.00	85.165	0.00	0.000
O-CANAL	BASE	10YR-24HR	24.00	8.220	14.500	0.0001	0	23.86	6.210	0.00	0.000
A-DET 6	BASE	10YR-72HR	68.15	15.290	17.500	0.0017	123	60.00	27.357	60.00	27.255
AA-6D	BASE	10YR-72HR	68.13	15.287	17.500	0.0010	32297	60.00	27.255	60.11	13.172
AB-65	BASE	10YR-72HR	68.13	15.287	17.500	0.0010	16845	60.00	7.786	0.00	0.000
AC-63	BASE	10YR-72HR	68.13	15.287	17.500	0.0010	15578	60.00	1.259	190.93	0.063
B-DET 5E	BASE	10YR-72HR	68.06	15.284	17.500	-0.0017	114	60.00	39.031	60.00	38.969
BA-5ED	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	42748	60.00	38.969	60.02	19.337
BB-56	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	11614	60.00	11.176	60.00	5.723
C-DET 5W	BASE	10YR-72HR	68.07	15.305	17.500	0.0043	117	60.00	42.168	60.00	42.099
CA-5WD	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	43892	60.00	50.177	60.07	30.874
CB-54	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	12794	60.07	30.874	60.14	26.708
D-DET 4N	BASE	10YR-72HR	68.12	15.288	17.500	0.0011	129	60.00	11.500	60.00	11.430
DA-DET 4	BASE	10YR-72HR	68.13	15.288	17.500	0.0026	30005	60.05	40.764	60.12	29.895
E-DET 7E	BASE	10YR-72HR	68.09	15.296	17.500	0.0014	114	60.00	30.005	60.00	29.939
EA-7ED	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	38106	60.00	29.939	60.09	12.745
EB-ME 104	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	10439	60.00	4.884	0.00	0.000
EC-CB 32	BASE	10YR-72HR	68.15	15.292	17.500	0.3844	174	60.22	13.248	72.00	22.259
F-DET 7W	BASE	10YR-72HR	68.06	15.276	17.500	-0.0019	120	60.00	45.653	60.00	45.583
FA-7WD	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	44758	60.00	47.042	60.10	27.353
FB-7WD	BASE	10YR-72HR	68.10	15.288	17.500	0.0017	135	60.00	12.894	60.00	12.797
FC-CS 4	BASE	10YR-72HR	68.13	15.288	17.500	0.0010	17097	60.01	39.133	60.10	32.399
G-DET 8E	BASE	10YR-72HR	68.11	15.282	17.500	0.0031	126	60.00	26.486	60.00	26.425
GA-8ED	BASE	10YR-72HR	68.15	15.271	17.500	0.0009	27878	60.00	26.425	60.02	16.029
GB-CS 28	BASE	10YR-72HR	68.15	15.271	17.500	0.0009	7477	60.00	15.114	60.02	12.252
H-DET 8W	BASE	10YR-72HR	68.11	15.264	17.500	-0.0013	126	60.00	31.364	60.00	31.303
HA-8WD	BASE	10YR-72HR	68.15	15.272	17.500	0.0009	31170	60.00	32.130	60.04	20.775
HB-CS 5	BASE	10YR-72HR	68.15	15.272	17.500	0.0009	10768	60.04	20.775	60.09	17.296
I-BLDG B	BASE	10YR-72HR	68.01	15.289	17.500	0.0106	118	60.00	17.425	60.00	17.326
IA-3	BASE	10YR-72HR	68.06	15.271	17.500	0.1222	266	0.01	33.710	60.17	4.820
J-BLDG A	BASE	10YR-72HR	68.01	15.281	17.500	0.0107	118	60.00	30.668	60.00	30.638
JA-1	BASE	10YR-72HR	68.07	15.289	17.500	0.0406	292	59.94	30.789	60.00	28.045

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
K-LAKE-2	BASE	10YR-72HR	68.22	15.274	17.500	0.0007	101747	60.02	36.750	68.55	3.405
KA-21	BASE	10YR-72HR	68.20	15.277	17.500	0.2346	293	60.00	28.045	60.00	27.967
L-LAKE 1	BASE	10YR-72HR	68.20	15.285	17.500	0.0007	273509	60.08	95.256	0.00	0.000
M-LAKE 3	BASE	10YR-72HR	68.18	15.264	17.500	0.0009	110663	60.00	52.274	68.18	6.717
N-PreDev	BASE	10YR-72HR	72.00	15.963	18.000	0.0001	2980554	60.75	121.230	0.00	0.000
O-CANAL	BASE	10YR-72HR	60.00	13.800	14.500	0.0001	0	68.27	10.120	0.00	0.000

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	0.00	11.500	17.500	123	0.000	0.000	0.0	0.0
10YR-72HR	AA-6D	BASE	0.00	11.500	17.500	1095	0.000	0.000	0.0	0.0
10YR-72HR	AB-65	BASE	0.00	11.500	17.500	629	0.000	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	0.00	11.500	17.500	591	0.000	0.000	0.0	0.0
10YR-72HR	B-DET 5E	BASE	0.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	BA-5ED	BASE	0.00	11.500	17.500	1495	0.000	0.000	0.0	0.0
10YR-72HR	BB-56	BASE	0.00	11.500	17.500	496	0.000	0.000	0.0	0.0
10YR-72HR	C-DET 5W	BASE	0.00	11.500	17.500	132	0.000	0.000	0.0	0.0
10YR-72HR	CA-5WD	BASE	0.00	11.500	17.500	1550	0.000	0.000	0.0	0.0
10YR-72HR	CB-54	BASE	0.00	11.500	17.500	528	0.000	0.000	0.0	0.0
10YR-72HR	D-DET 4N	BASE	0.00	11.500	17.500	129	0.000	0.000	0.0	0.0
10YR-72HR	DA-DET 4	BASE	0.00	11.500	17.500	135	0.000	-0.619	0.0	0.0
10YR-72HR	E-DET 7E	BASE	0.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	EA-7ED	BASE	0.00	11.500	17.500	1274	0.000	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	0.00	11.500	17.500	439	0.000	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	0.00	6.500	17.500	999	0.000	-174.675	0.0	0.0
10YR-72HR	F-DET 7W	BASE	0.00	11.500	17.500	132	0.000	0.000	0.0	0.0
10YR-72HR	FA-7WD	BASE	0.00	11.500	17.500	1496	0.000	0.000	0.0	0.0
10YR-72HR	FB-7WD	BASE	0.00	11.500	17.500	135	0.000	0.000	0.0	0.0
10YR-72HR	FC-CS 4	BASE	0.00	11.500	17.500	653	0.000	-0.507	0.0	0.0
10YR-72HR	G-DET 8E	BASE	0.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	GA-8ED	BASE	0.00	11.500	17.500	717	0.000	0.000	0.0	0.0
10YR-72HR	GB-CS 28	BASE	0.00	11.500	17.500	273	0.000	-0.233	0.0	0.0
10YR-72HR	H-DET 8W	BASE	0.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	HA-8WD	BASE	0.00	11.500	17.500	788	0.000	0.000	0.0	0.0
10YR-72HR	HB-CS 5	BASE	0.00	11.500	17.500	344	0.000	-0.233	0.0	0.0
10YR-72HR	I-BLDG B	BASE	0.00	11.500	17.500	118	0.000	0.000	0.0	0.0
10YR-72HR	IA-3	BASE	0.00	11.500	17.500	507	-57.367	0.000	0.0	0.0
10YR-72HR	J-BLDG A	BASE	0.00	11.500	17.500	118	0.000	0.000	0.0	0.0
10YR-72HR	JA-1	BASE	0.00	11.500	17.500	292	0.000	0.000	0.0	0.0
10YR-72HR	K-LAKE-2	BASE	0.00	12.600	17.500	89174	-66.053	0.165	0.0	0.0
10YR-72HR	KA-21	BASE	0.00	11.500	17.500	293	0.000	-150.460	0.0	0.0
10YR-72HR	L-LAKE 1	BASE	0.00	12.600	17.500	244551	-85.765	0.000	0.0	0.0
10YR-72HR	M-LAKE 3	BASE	0.00	12.600	17.500	105909	-117.541	0.196	0.0	0.0
10YR-72HR	N-PreDev	BASE	0.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	0.00	4.500	14.500	0	0.361	0.000	0.0	0.0
10YR-72HR	A-DET 6	BASE	2.00	12.356	17.500	296	0.000	0.000	0.0	0.0
10YR-72HR	AA-6D	BASE	2.00	12.356	17.500	1267	0.000	-0.111	0.0	-0.0
10YR-72HR	AB-65	BASE	2.00	11.500	17.500	629	0.000	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	2.00	11.500	17.500	591	0.000	0.000	0.0	0.0
10YR-72HR	B-DET 5E	BASE	2.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	BA-5ED	BASE	2.00	11.500	17.500	1495	0.000	0.000	0.0	0.0
10YR-72HR	BB-56	BASE	2.00	11.500	17.500	496	0.000	0.000	0.0	0.0
10YR-72HR	C-DET 5W	BASE	2.00	11.533	17.500	133	0.000	-0.053	0.0	-0.0
10YR-72HR	CA-5WD	BASE	2.00	11.533	17.500	9333	-0.053	-0.152	-0.0	-0.0
10YR-72HR	CB-54	BASE	2.00	12.508	17.500	8405	-0.152	-0.155	-0.0	-0.0
10YR-72HR	D-DET 4N	BASE	2.00	12.508	17.500	432	0.000	0.000	0.0	0.0
10YR-72HR	DA-DET 4	BASE	2.00	12.508	17.500	23091	-0.155	-0.163	-0.0	-0.1
10YR-72HR	E-DET 7E	BASE	2.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	EA-7ED	BASE	2.00	11.500	17.500	1274	0.000	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	2.00	11.500	17.500	439	0.000	0.000	0.0	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	2.00	12.578	17.500	174	-0.111	15.103	-0.0	-13.2
10YR-72HR	F-DET 7W	BASE	2.00	11.528	17.500	133	0.000	-0.051	0.0	-0.0
10YR-72HR	FA-7WD	BASE	2.00	11.528	17.500	11356	-0.051	-0.132	-0.0	-0.0
10YR-72HR	FB-7WD	BASE	2.00	12.508	17.500	545	0.000	0.000	0.0	0.0
10YR-72HR	FC-CS 4	BASE	2.00	12.508	17.500	10923	-0.132	-0.132	-0.0	-0.1
10YR-72HR	G-DET 8E	BASE	2.00	11.578	17.500	121	0.000	-0.002	0.0	-0.0
10YR-72HR	GA-8ED	BASE	2.00	11.578	17.500	3770	-0.002	-0.058	-0.0	-0.0
10YR-72HR	GB-CS 28	BASE	2.00	12.507	17.500	3320	-0.058	-0.058	-0.0	-0.0
10YR-72HR	H-DET 8W	BASE	2.00	11.551	17.500	119	0.000	-0.001	0.0	-0.0
10YR-72HR	HA-8WD	BASE	2.00	11.551	17.500	5201	-0.001	-0.059	-0.0	-0.0
10YR-72HR	HB-CS 5	BASE	2.00	12.507	17.500	4753	-0.059	-0.059	-0.0	-0.0
10YR-72HR	I-BLDG B	BASE	2.00	12.568	17.500	212	0.000	0.908	0.0	0.1
10YR-72HR	IA-3	BASE	2.00	12.564	17.500	360	7.285	-3.544	-4.1	-0.3
10YR-72HR	J-BLDG A	BASE	2.00	12.568	17.500	212	0.000	-0.800	0.0	-0.1
10YR-72HR	JA-1	BASE	2.00	12.571	17.500	386	-4.344	4.462	-0.4	0.4
10YR-72HR	K-LAKE-2	BASE	2.00	12.569	17.500	89028	-5.333	0.127	-5.9	0.0
10YR-72HR	KA-21	BASE	2.00	12.562	17.500	293	4.462	-12.242	0.4	-13.4
10YR-72HR	L-LAKE 1	BASE	2.00	12.569	17.500	244218	-7.261	0.000	-7.7	0.0
10YR-72HR	M-LAKE 3	BASE	2.00	12.567	17.500	105815	8.668	0.148	-9.0	0.0
10YR-72HR	N-PreDev	BASE	2.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	2.00	4.810	14.500	0	0.275	0.000	0.1	0.0
10YR-72HR	A-DET 6	BASE	4.00	12.512	17.500	304	0.000	0.048	0.0	0.0
10YR-72HR	AA-6D	BASE	4.00	12.512	17.500	19777	0.048	-0.052	0.0	-0.0
10YR-72HR	AB-65	BASE	4.00	11.500	17.500	10219	0.002	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	4.00	11.500	17.500	9454	0.002	0.000	0.0	0.0
10YR-72HR	B-DET 5E	BASE	4.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	BA-5ED	BASE	4.00	11.500	17.500	1495	0.000	0.000	0.0	0.0
10YR-72HR	BB-56	BASE	4.00	11.500	17.500	485	0.000	-0.000	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	4.00	11.650	17.500	135	0.000	-0.097	0.0	-0.0
10YR-72HR	CA-5WD	BASE	4.00	11.651	17.500	9335	-0.097	-0.149	-0.0	-0.0
10YR-72HR	CB-54	BASE	4.00	12.507	17.500	8405	-0.149	-0.148	-0.0	-0.0
10YR-72HR	D-DET 4N	BASE	4.00	12.508	17.500	432	0.000	0.000	0.0	0.0
10YR-72HR	DA-DET 4	BASE	4.00	12.508	17.500	23090	-0.148	-0.146	-0.0	-0.1
10YR-72HR	E-DET 7E	BASE	4.00	11.500	17.500	114	0.000	0.000	0.0	0.0
10YR-72HR	EA-7ED	BASE	4.00	11.500	17.500	1274	0.000	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	4.00	11.500	17.500	428	0.000	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	4.00	12.567	17.500	174	-0.055	15.166	-0.0	-10.7
10YR-72HR	F-DET 7W	BASE	4.00	11.607	17.500	134	0.000	-0.078	0.0	-0.0
10YR-72HR	FA-7WD	BASE	4.00	11.607	17.500	11356	-0.078	-0.120	-0.0	-0.0
10YR-72HR	FB-7WD	BASE	4.00	12.507	17.500	545	0.000	0.000	0.0	0.0
10YR-72HR	FC-CS 4	BASE	4.00	12.507	17.500	10921	-0.120	-0.119	-0.0	-0.1
10YR-72HR	G-DET 8E	BASE	4.00	11.680	17.500	125	0.000	-0.004	0.0	-0.0
10YR-72HR	GA-8ED	BASE	4.00	11.680	17.500	3773	-0.004	-0.053	-0.0	-0.0
10YR-72HR	GB-CS 28	BASE	4.00	12.507	17.500	3319	-0.053	-0.052	-0.0	-0.0
10YR-72HR	H-DET 8W	BASE	4.00	11.627	17.500	123	0.000	0.000	0.0	-0.0
10YR-72HR	HA-8WD	BASE	4.00	11.627	17.500	5204	0.000	-0.053	-0.0	-0.0
10YR-72HR	HB-CS 5	BASE	4.00	12.507	17.500	4752	-0.053	-0.053	-0.0	-0.0
10YR-72HR	I-BLDG B	BASE	4.00	12.557	17.500	212	0.000	0.892	0.0	0.2
10YR-72HR	IA-3	BASE	4.00	12.553	17.500	360	7.333	-3.482	-2.9	-0.9
10YR-72HR	J-BLDG A	BASE	4.00	12.556	17.500	212	0.000	-0.785	0.0	-0.2
10YR-72HR	JA-1	BASE	4.00	12.560	17.500	386	-4.267	4.525	-1.1	1.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	K-LAKE-2	BASE	4.00	12.557	17.500	88972	-5.318	0.114	-6.8	0.0
10YR-72HR	KA-21	BASE	4.00	12.550	17.500	293	4.525	-12.182	1.1	-15.5
10YR-72HR	L-LAKE 1	BASE	4.00	12.557	17.500	244089	-7.181	0.000	-8.9	0.0
10YR-72HR	M-LAKE 3	BASE	4.00	12.556	17.500	105795	8.672	0.133	-7.6	0.1
10YR-72HR	N-PreDev	BASE	4.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	4.00	5.120	14.500	0	0.248	0.000	0.1	0.0
10YR-72HR	A-DET 6	BASE	6.00	12.523	17.500	305	0.004	0.054	0.0	0.0
10YR-72HR	AA-6D	BASE	6.00	12.523	17.500	19818	0.054	-0.026	0.0	-0.0
10YR-72HR	AB-65	BASE	6.00	11.504	17.500	10231	0.008	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	6.00	11.504	17.500	9466	0.009	0.000	0.0	0.0
10YR-72HR	B-DET 5E	BASE	6.00	11.544	17.500	117	0.005	0.005	0.0	0.0
10YR-72HR	BA-5ED	BASE	6.00	11.503	17.500	1496	0.005	0.000	0.0	0.0
10YR-72HR	BB-56	BASE	6.00	11.500	17.500	486	0.000	-0.000	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	6.00	11.759	17.500	136	0.006	-0.148	0.0	-0.0
10YR-72HR	CA-5WD	BASE	6.00	11.759	17.500	9335	-0.148	-0.135	-0.0	-0.1
10YR-72HR	CB-54	BASE	6.00	12.507	17.500	8404	-0.135	-0.134	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	6.00	12.507	17.500	432	0.002	0.000	0.0	0.0
10YR-72HR	DA-DET 4	BASE	6.00	12.507	17.500	23089	-0.134	-0.131	-0.1	-0.1
10YR-72HR	E-DET 7E	BASE	6.00	11.539	17.500	117	0.004	0.003	0.0	0.0
10YR-72HR	EA-7ED	BASE	6.00	11.502	17.500	1275	0.003	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	6.00	11.500	17.500	430	0.000	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	6.00	12.557	17.500	174	-0.043	15.182	-0.0	-8.2
10YR-72HR	F-DET 7W	BASE	6.00	11.679	17.500	135	0.006	-0.103	0.0	-0.0
10YR-72HR	FA-7WD	BASE	6.00	11.680	17.500	11356	-0.103	-0.109	-0.0	-0.1
10YR-72HR	FB-7WD	BASE	6.00	12.507	17.500	545	0.002	0.000	0.0	0.0
10YR-72HR	FC-CS 4	BASE	6.00	12.507	17.500	10920	-0.109	-0.106	-0.1	-0.1
10YR-72HR	G-DET 8E	BASE	6.00	11.774	17.500	127	0.004	0.000	0.0	-0.0
10YR-72HR	GA-8ED	BASE	6.00	11.774	17.500	3775	0.000	-0.047	-0.0	-0.0
10YR-72HR	GB-CS 28	BASE	6.00	12.506	17.500	3318	-0.047	-0.047	-0.0	-0.0
10YR-72HR	H-DET 8W	BASE	6.00	11.696	17.500	125	0.004	0.005	0.0	0.0
10YR-72HR	HA-8WD	BASE	6.00	11.696	17.500	5205	0.005	-0.048	0.0	-0.0
10YR-72HR	HB-CS 5	BASE	6.00	12.506	17.500	4751	-0.048	-0.047	-0.0	-0.0
10YR-72HR	I-BLDG B	BASE	6.00	12.547	17.500	212	0.002	0.879	0.0	0.4
10YR-72HR	IA-3	BASE	6.00	12.543	17.500	360	7.334	-3.465	-1.7	-1.4
10YR-72HR	J-BLDG A	BASE	6.00	12.546	17.500	212	0.004	-0.768	0.0	-0.3
10YR-72HR	JA-1	BASE	6.00	12.549	17.500	386	-4.233	4.545	-1.8	1.9
10YR-72HR	K-LAKE-2	BASE	6.00	12.547	17.500	88924	-5.311	0.103	-7.7	0.1
10YR-72HR	KA-21	BASE	6.00	12.540	17.500	293	4.545	-12.162	1.9	-17.5
10YR-72HR	L-LAKE 1	BASE	6.00	12.547	17.500	243978	-7.134	0.000	-10.1	0.0
10YR-72HR	M-LAKE 3	BASE	6.00	12.546	17.500	105777	8.681	0.121	-6.1	0.1
10YR-72HR	N-PreDev	BASE	6.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	6.00	5.430	14.500	0	0.224	0.000	0.1	0.0
10YR-72HR	A-DET 6	BASE	8.00	12.531	17.500	305	0.039	0.040	0.0	0.0
10YR-72HR	AA-6D	BASE	8.00	12.531	17.500	19845	0.040	-0.001	0.0	-0.0
10YR-72HR	AB-65	BASE	8.00	11.512	17.500	10245	0.015	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	8.00	11.514	17.500	9481	0.016	0.000	0.0	0.0
10YR-72HR	B-DET 5E	BASE	8.00	11.650	17.500	123	0.056	0.053	0.0	0.0
10YR-72HR	BA-5ED	BASE	8.00	11.644	17.500	1503	0.053	0.000	0.0	0.0
10YR-72HR	BB-56	BASE	8.00	11.500	17.500	489	0.000	-0.000	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	8.00	11.888	17.500	137	0.061	-0.169	0.0	-0.1
10YR-72HR	CA-5WD	BASE	8.00	11.888	17.500	9337	-0.169	-0.140	-0.1	-0.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	CB-54	BASE	8.00	12.507	17.500	8405	-0.140	-0.140	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	8.00	12.507	17.500	432	0.017	0.033	0.0	0.0
10YR-72HR	DA-DET 4	BASE	8.00	12.507	17.500	23089	-0.099	-0.117	-0.1	-0.1
10YR-72HR	E-DET 7E	BASE	8.00	11.634	17.500	122	0.043	0.040	0.0	0.0
10YR-72HR	EA-7ED	BASE	8.00	11.628	17.500	1282	0.040	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	8.00	11.500	17.500	433	0.000	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	8.00	12.550	17.500	174	-0.032	15.218	-0.0	-5.7
10YR-72HR	F-DET 7W	BASE	8.00	11.772	17.500	136	0.066	-0.063	0.0	-0.0
10YR-72HR	FA-7WD	BASE	8.00	11.772	17.500	11358	-0.063	-0.113	-0.0	-0.1
10YR-72HR	FB-7WD	BASE	8.00	12.507	17.500	545	0.019	0.000	0.0	0.0
10YR-72HR	FC-CS 4	BASE	8.00	12.507	17.500	10921	-0.113	-0.095	-0.1	-0.1
10YR-72HR	G-DET 8E	BASE	8.00	11.896	17.500	130	0.038	0.036	0.0	0.0
10YR-72HR	GA-8ED	BASE	8.00	11.896	17.500	3777	0.036	-0.043	0.0	-0.0
10YR-72HR	GB-CS 28	BASE	8.00	12.506	17.500	3318	-0.043	-0.043	-0.0	-0.0
10YR-72HR	H-DET 8W	BASE	8.00	11.792	17.500	128	0.045	0.043	0.0	0.0
10YR-72HR	HA-8WD	BASE	8.00	11.791	17.500	5207	0.043	-0.043	0.0	-0.0
10YR-72HR	HB-CS 5	BASE	8.00	12.506	17.500	4750	-0.043	-0.043	-0.0	-0.0
10YR-72HR	I-BLDG B	BASE	8.00	12.540	17.500	211	0.025	0.891	0.0	0.5
10YR-72HR	IA-3	BASE	8.00	12.535	17.500	360	7.355	-3.437	-0.5	-2.0
10YR-72HR	J-BLDG A	BASE	8.00	12.539	17.500	211	0.044	-0.716	0.0	-0.4
10YR-72HR	JA-1	BASE	8.00	12.542	17.500	385	-4.153	4.612	-2.5	2.6
10YR-72HR	K-LAKE-2	BASE	8.00	12.539	17.500	88886	-5.279	0.095	-8.5	0.1
10YR-72HR	KA-21	BASE	8.00	12.532	17.500	293	4.612	-12.095	2.6	-19.5
10YR-72HR	L-LAKE 1	BASE	8.00	12.539	17.500	243892	-7.023	0.000	-11.2	0.0
10YR-72HR	M-LAKE 3	BASE	8.00	12.538	17.500	105764	8.731	0.111	-4.7	0.1
10YR-72HR	N-PreDev	BASE	8.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	8.00	5.740	14.500	0	0.207	0.000	0.2	0.0
10YR-72HR	A-DET 6	BASE	10.00	12.538	17.500	306	0.069	0.069	0.0	0.0
10YR-72HR	AA-6D	BASE	10.00	12.538	17.500	19869	0.069	0.026	0.0	-0.0
10YR-72HR	AB-65	BASE	10.00	11.525	17.500	10262	0.023	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	10.00	11.528	17.500	9503	0.024	0.001	0.0	0.0
10YR-72HR	B-DET 5E	BASE	10.00	11.989	17.500	130	0.099	0.091	0.0	0.0
10YR-72HR	BA-5ED	BASE	10.00	11.989	17.500	1511	0.091	0.000	0.0	0.0
10YR-72HR	BB-56	BASE	10.00	11.500	17.500	494	0.000	-0.000	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	10.00	12.061	17.500	139	0.107	-0.276	0.0	-0.1
10YR-72HR	CA-5WD	BASE	10.00	12.062	17.500	9339	-0.276	-0.148	-0.1	-0.1
10YR-72HR	CB-54	BASE	10.00	12.507	17.500	8405	-0.148	-0.149	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	10.00	12.508	17.500	432	0.029	0.029	0.0	0.0
10YR-72HR	DA-DET 4	BASE	10.00	12.507	17.500	23090	-0.106	-0.107	-0.1	-0.2
10YR-72HR	E-DET 7E	BASE	10.00	11.935	17.500	129	0.076	0.069	0.0	0.0
10YR-72HR	EA-7ED	BASE	10.00	11.935	17.500	1289	0.069	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	10.00	11.502	17.500	441	0.001	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	10.00	12.545	17.500	174	-0.020	15.231	-0.0	-3.1
10YR-72HR	F-DET 7W	BASE	10.00	11.902	17.500	138	0.116	-0.070	0.0	-0.1
10YR-72HR	FA-7WD	BASE	10.00	11.902	17.500	11360	-0.070	-0.119	-0.1	-0.1
10YR-72HR	FB-7WD	BASE	10.00	12.507	17.500	545	0.033	0.033	0.0	0.0
10YR-72HR	FC-CS 4	BASE	10.00	12.507	17.500	10921	-0.087	-0.087	-0.1	-0.1
10YR-72HR	G-DET 8E	BASE	10.00	12.069	17.500	133	0.067	0.063	0.0	0.0
10YR-72HR	GA-8ED	BASE	10.00	12.069	17.500	3779	0.063	-0.040	0.0	-0.0
10YR-72HR	GB-CS 28	BASE	10.00	12.506	17.500	3317	-0.040	-0.040	-0.0	-0.1
10YR-72HR	H-DET 8W	BASE	10.00	11.932	17.500	130	0.079	0.077	0.0	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	10.00	11.932	17.500	5209	0.077	-0.040	0.0	-0.0
10YR-72HR	HB-CS 5	BASE	10.00	12.506	17.500	4749	-0.040	-0.040	-0.0	-0.1
10YR-72HR	I-BLDG B	BASE	10.00	12.535	17.500	211	0.044	0.903	0.0	0.7
10YR-72HR	IA-3	BASE	10.00	12.531	17.500	360	7.369	-3.415	0.7	-2.6
10YR-72HR	J-BLDG A	BASE	10.00	12.535	17.500	211	0.078	-0.674	0.0	-0.6
10YR-72HR	JA-1	BASE	10.00	12.537	17.500	385	-4.089	4.665	-3.1	3.4
10YR-72HR	K-LAKE-2	BASE	10.00	12.534	17.500	88864	-5.250	0.091	-9.4	0.1
10YR-72HR	KA-21	BASE	10.00	12.527	17.500	293	4.665	-12.040	3.4	-21.5
10YR-72HR	L-LAKE 1	BASE	10.00	12.534	17.500	243839	-6.932	0.000	-12.4	0.0
10YR-72HR	M-LAKE 3	BASE	10.00	12.534	17.500	105755	8.762	0.106	-3.2	0.1
10YR-72HR	N-PreDev	BASE	10.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	10.00	6.050	14.500	0	0.197	0.000	0.2	0.0
10YR-72HR	A-DET 6	BASE	12.00	12.543	17.500	306	0.094	0.094	0.0	0.0
10YR-72HR	AA-6D	BASE	12.00	12.543	17.500	19889	0.094	0.069	0.0	-0.0
10YR-72HR	AB-65	BASE	12.00	11.543	17.500	10285	0.029	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	12.00	11.549	17.500	9526	0.032	0.002	0.0	0.0
10YR-72HR	B-DET 5E	BASE	12.00	12.500	17.500	135	0.134	0.358	0.0	0.1
10YR-72HR	BA-5ED	BASE	12.00	12.500	17.500	27749	0.358	0.000	0.1	0.0
10YR-72HR	BB-56	BASE	12.00	11.518	17.500	7584	0.000	-0.002	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	12.00	12.273	17.500	141	0.145	-0.509	0.0	-0.2
10YR-72HR	CA-5WD	BASE	12.00	12.274	17.500	28504	-0.509	-0.158	-0.2	-0.1
10YR-72HR	CB-54	BASE	12.00	12.508	17.500	8406	-0.158	-0.158	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	12.00	12.508	17.500	432	0.040	0.040	0.0	0.0
10YR-72HR	DA-DET 4	BASE	12.00	12.508	17.500	23091	-0.100	-0.101	-0.1	-0.2
10YR-72HR	E-DET 7E	BASE	12.00	12.389	17.500	134	0.103	-0.059	0.0	0.0
10YR-72HR	EA-7ED	BASE	12.00	12.389	17.500	1295	-0.059	0.000	0.0	0.0
10YR-72HR	EB-ME 104	BASE	12.00	11.526	17.500	471	0.002	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	12.00	12.543	17.500	174	0.005	15.238	-0.0	-0.6
10YR-72HR	F-DET 7W	BASE	12.00	12.064	17.500	139	0.157	-0.186	0.0	-0.1
10YR-72HR	FA-7WD	BASE	12.00	12.064	17.500	11362	-0.186	-0.126	-0.1	-0.1
10YR-72HR	FB-7WD	BASE	12.00	12.507	17.500	545	0.044	0.044	0.0	0.0
10YR-72HR	FC-CS 4	BASE	12.00	12.507	17.500	10922	-0.082	-0.082	-0.1	-0.1
10YR-72HR	G-DET 8E	BASE	12.00	12.287	17.500	135	0.091	0.087	0.0	0.0
10YR-72HR	GA-8ED	BASE	12.00	12.287	17.500	3782	0.087	-0.038	0.0	-0.0
10YR-72HR	GB-CS 28	BASE	12.00	12.505	17.500	3317	-0.038	-0.038	-0.0	-0.1
10YR-72HR	H-DET 8W	BASE	12.00	12.111	17.500	133	0.108	0.104	0.0	0.0
10YR-72HR	HA-8WD	BASE	12.00	12.111	17.500	5211	0.104	-0.038	0.0	-0.0
10YR-72HR	HB-CS 5	BASE	12.00	12.505	17.500	4749	-0.038	-0.038	-0.0	-0.1
10YR-72HR	I-BLDG B	BASE	12.00	12.533	17.500	211	0.060	0.914	0.0	0.8
10YR-72HR	IA-3	BASE	12.00	12.528	17.500	359	7.379	-3.395	1.9	-3.1
10YR-72HR	J-BLDG A	BASE	12.00	12.533	17.500	211	0.105	-0.639	0.0	-0.7
10YR-72HR	JA-1	BASE	12.00	12.535	17.500	385	-4.035	4.709	-3.8	4.2
10YR-72HR	K-LAKE-2	BASE	12.00	12.531	17.500	88852	-5.226	0.088	-10.3	0.1
10YR-72HR	KA-21	BASE	12.00	12.525	17.500	293	4.709	-11.993	4.2	-23.5
10YR-72HR	L-LAKE 1	BASE	12.00	12.532	17.500	243812	-6.860	0.000	-13.5	0.0
10YR-72HR	M-LAKE 3	BASE	12.00	12.532	17.500	105751	8.787	0.103	-1.8	0.1
10YR-72HR	N-PreDev	BASE	12.00	14.500	18.000	113	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	12.00	6.360	14.500	0	0.192	0.000	0.2	0.0
10YR-72HR	A-DET 6	BASE	14.00	12.547	17.500	306	0.115	0.115	0.0	0.1
10YR-72HR	AA-6D	BASE	14.00	12.547	17.500	19903	0.115	0.092	0.1	-0.0
10YR-72HR	AB-65	BASE	14.00	11.564	17.500	10301	0.031	0.000	0.0	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	14.00	11.572	17.500	9541	0.039	0.007	0.0	0.0
10YR-72HR	B-DET 5E	BASE	14.00	12.535	17.500	135	0.164	0.163	0.1	0.1
10YR-72HR	BA-5ED	BASE	14.00	12.534	17.500	27891	0.163	0.047	0.1	0.0
10YR-72HR	BB-56	BASE	14.00	11.531	17.500	7615	0.029	-0.006	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	14.00	12.356	17.500	141	0.177	-0.596	0.1	-0.3
10YR-72HR	CA-5WD	BASE	14.00	12.357	17.500	28545	-0.578	-0.169	-0.3	-0.2
10YR-72HR	CB-54	BASE	14.00	12.508	17.500	8406	-0.169	-0.169	-0.2	-0.2
10YR-72HR	D-DET 4N	BASE	14.00	12.508	17.500	432	0.048	0.048	0.0	0.0
10YR-72HR	DA-DET 4	BASE	14.00	12.508	17.500	23092	-0.098	-0.099	-0.1	-0.2
10YR-72HR	E-DET 7E	BASE	14.00	12.527	17.500	135	0.126	-0.092	0.0	0.0
10YR-72HR	EA-7ED	BASE	14.00	12.527	17.500	23448	-0.092	0.023	0.0	0.0
10YR-72HR	EB-ME 104	BASE	14.00	11.543	17.500	6480	0.021	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	14.00	12.542	17.500	174	0.016	15.242	-0.0	1.9
10YR-72HR	F-DET 7W	BASE	14.00	12.166	17.500	140	0.192	-0.258	0.1	-0.1
10YR-72HR	FA-7WD	BASE	14.00	12.166	17.500	27453	-0.250	-0.134	-0.1	-0.1
10YR-72HR	FB-7WD	BASE	14.00	12.508	17.500	545	0.054	0.054	0.0	0.0
10YR-72HR	FC-CS 4	BASE	14.00	12.508	17.500	10923	-0.080	-0.081	-0.1	-0.2
10YR-72HR	G-DET 8E	BASE	14.00	12.511	17.500	137	0.111	0.389	0.0	0.1
10YR-72HR	GA-8ED	BASE	14.00	12.510	17.500	12232	0.389	-0.001	0.1	-0.0
10YR-72HR	GB-CS 28	BASE	14.00	12.516	17.500	3331	-0.002	-0.029	-0.0	-0.1
10YR-72HR	H-DET 8W	BASE	14.00	12.302	17.500	135	0.132	0.130	0.1	0.0
10YR-72HR	HA-8WD	BASE	14.00	12.302	17.500	13631	0.131	-0.038	0.0	-0.0
10YR-72HR	HB-CS 5	BASE	14.00	12.505	17.500	4749	-0.038	-0.038	-0.0	-0.1
10YR-72HR	I-BLDG B	BASE	14.00	12.533	17.500	211	0.073	0.925	0.0	1.0
10YR-72HR	IA-3	BASE	14.00	12.528	17.500	359	7.391	-3.378	3.2	-3.7
10YR-72HR	J-BLDG A	BASE	14.00	12.532	17.500	211	0.129	-0.611	0.0	-0.8
10YR-72HR	JA-1	BASE	14.00	12.535	17.500	385	-3.990	4.745	-4.5	4.9
10YR-72HR	K-LAKE-2	BASE	14.00	12.531	17.500	88849	-5.206	0.088	-11.1	0.1
10YR-72HR	KA-21	BASE	14.00	12.524	17.500	293	4.745	-11.953	4.9	-25.4
10YR-72HR	L-LAKE 1	BASE	14.00	12.531	17.500	243805	-6.804	0.000	-14.7	0.0
10YR-72HR	M-LAKE 3	BASE	14.00	12.531	17.500	105751	8.811	0.103	-0.3	0.1
10YR-72HR	N-PreDev	BASE	14.00	14.500	18.000	1011	0.000	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	14.00	6.670	14.500	0	0.191	0.000	0.3	0.0
10YR-72HR	A-DET 6	BASE	16.00	12.552	17.500	306	0.132	0.132	0.1	0.1
10YR-72HR	AA-6D	BASE	16.00	12.551	17.500	19918	0.132	0.111	0.1	0.0
10YR-72HR	AB-65	BASE	16.00	11.588	17.500	10319	0.049	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	16.00	11.598	17.500	9559	0.046	0.008	0.0	0.0
10YR-72HR	B-DET 5E	BASE	16.00	12.556	17.500	135	0.189	0.189	0.1	0.1
10YR-72HR	BA-5ED	BASE	16.00	12.556	17.500	27982	0.189	0.134	0.1	0.0
10YR-72HR	BB-56	BASE	16.00	11.590	17.500	7652	0.082	0.004	0.0	-0.0
10YR-72HR	C-DET 5W	BASE	16.00	12.457	17.500	142	0.204	-0.745	0.1	-0.4
10YR-72HR	CA-5WD	BASE	16.00	12.457	17.500	28573	-0.694	-0.181	-0.4	-0.2
10YR-72HR	CB-54	BASE	16.00	12.508	17.500	8407	-0.181	-0.181	-0.2	-0.2
10YR-72HR	D-DET 4N	BASE	16.00	12.509	17.500	432	0.056	0.056	0.0	0.0
10YR-72HR	DA-DET 4	BASE	16.00	12.509	17.500	23093	-0.099	-0.100	-0.1	-0.2
10YR-72HR	E-DET 7E	BASE	16.00	12.551	17.500	135	0.145	-0.065	0.1	-0.0
10YR-72HR	EA-7ED	BASE	16.00	12.551	17.500	23546	-0.065	0.092	-0.0	0.0
10YR-72HR	EB-ME 104	BASE	16.00	11.591	17.500	6513	0.064	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	16.00	12.544	17.500	174	0.020	15.244	-0.0	4.4
10YR-72HR	F-DET 7W	BASE	16.00	12.262	17.500	141	0.221	-0.360	0.1	-0.2
10YR-72HR	FA-7WD	BASE	16.00	12.262	17.500	27482	-0.325	-0.144	-0.2	-0.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	FB-7WD	BASE	16.00	12.508	17.500	545	0.062	0.062	0.0	0.0
10YR-72HR	FC-CS 4	BASE	16.00	12.508	17.500	10924	-0.081	-0.082	-0.1	-0.2
10YR-72HR	G-DET 8E	BASE	16.00	12.566	17.500	138	0.128	0.454	0.1	0.1
10YR-72HR	GA-8ED	BASE	16.00	12.565	17.500	12481	0.454	0.062	0.1	-0.0
10YR-72HR	GB-CS 28	BASE	16.00	12.542	17.500	3381	0.034	0.022	-0.0	-0.1
10YR-72HR	H-DET 8W	BASE	16.00	12.402	17.500	136	0.152	0.150	0.1	0.1
10YR-72HR	HA-8WD	BASE	16.00	12.402	17.500	13703	0.178	-0.038	0.1	-0.1
10YR-72HR	HB-CS 5	BASE	16.00	12.505	17.500	4749	-0.038	-0.038	-0.1	-0.1
10YR-72HR	I-BLDG B	BASE	16.00	12.535	17.500	211	0.084	0.938	0.0	1.1
10YR-72HR	IA-3	BASE	16.00	12.530	17.500	360	7.438	-3.332	4.4	-4.3
10YR-72HR	J-BLDG A	BASE	16.00	12.534	17.500	211	0.148	-0.589	0.1	-0.9
10YR-72HR	JA-1	BASE	16.00	12.536	17.500	385	-3.921	4.806	-5.1	5.7
10YR-72HR	K-LAKE-2	BASE	16.00	12.532	17.500	88855	-5.180	0.089	-12.0	0.1
10YR-72HR	KA-21	BASE	16.00	12.525	17.500	293	4.806	-11.884	5.7	-27.4
10YR-72HR	L-LAKE 1	BASE	16.00	12.532	17.500	243817	-6.739	0.000	-15.8	0.0
10YR-72HR	M-LAKE 3	BASE	16.00	12.533	17.500	105754	8.839	0.105	1.1	0.2
10YR-72HR	N-PreDev	BASE	16.00	14.515	18.000	30708	0.085	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	16.00	6.980	14.500	0	0.194	0.000	0.3	0.0
10YR-72HR	A-DET 6	BASE	18.00	12.555	17.500	306	0.147	0.147	0.1	0.1
10YR-72HR	AA-6D	BASE	18.00	12.555	17.500	19932	0.147	0.127	0.1	0.0
10YR-72HR	AB-65	BASE	18.00	11.639	17.500	10342	0.097	0.000	0.0	0.0
10YR-72HR	AC-63	BASE	18.00	11.645	17.500	9579	0.054	-0.029	0.0	0.0
10YR-72HR	B-DET 5E	BASE	18.00	12.567	17.500	136	0.210	0.210	0.1	0.2
10YR-72HR	BA-5ED	BASE	18.00	12.567	17.500	28063	0.210	0.172	0.2	0.0
10YR-72HR	BB-56	BASE	18.00	11.662	17.500	7680	0.119	0.045	0.0	0.0
10YR-72HR	C-DET 5W	BASE	18.00	12.542	17.500	142	0.227	-0.886	0.1	-0.5
10YR-72HR	CA-5WD	BASE	18.00	12.542	17.500	28747	-0.834	0.026	-0.5	-0.2
10YR-72HR	CB-54	BASE	18.00	12.532	17.500	8449	0.026	-0.053	-0.2	-0.2
10YR-72HR	D-DET 4N	BASE	18.00	12.532	17.500	433	0.062	0.060	0.0	0.0
10YR-72HR	DA-DET 4	BASE	18.00	12.532	17.500	23156	0.037	-0.035	-0.2	-0.2
10YR-72HR	E-DET 7E	BASE	18.00	12.562	17.500	136	0.162	0.000	0.1	-0.0
10YR-72HR	EA-7ED	BASE	18.00	12.562	17.500	23591	0.000	0.139	-0.0	0.0
10YR-72HR	EB-ME 104	BASE	18.00	11.657	17.500	6539	0.057	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	18.00	12.547	17.500	174	0.021	15.245	-0.0	6.9
10YR-72HR	F-DET 7W	BASE	18.00	12.373	17.500	141	0.246	-0.519	0.1	-0.2
10YR-72HR	FA-7WD	BASE	18.00	12.374	17.500	27498	-0.465	-0.155	-0.2	-0.2
10YR-72HR	FB-7WD	BASE	18.00	12.509	17.500	545	0.070	0.069	0.0	0.0
10YR-72HR	FC-CS 4	BASE	18.00	12.508	17.500	10925	-0.086	-0.086	-0.1	-0.2
10YR-72HR	G-DET 8E	BASE	18.00	12.591	17.500	138	0.143	0.485	0.1	0.2
10YR-72HR	GA-8ED	BASE	18.00	12.590	17.500	12619	0.485	0.109	0.2	-0.0
10YR-72HR	GB-CS 28	BASE	18.00	12.571	17.500	3423	0.057	0.044	-0.0	-0.1
10YR-72HR	H-DET 8W	BASE	18.00	12.524	17.500	137	0.169	0.166	0.1	0.1
10YR-72HR	HA-8WD	BASE	18.00	12.524	17.500	13828	0.218	0.003	0.1	-0.1
10YR-72HR	HB-CS 5	BASE	18.00	12.517	17.500	4778	0.003	-0.031	-0.1	-0.1
10YR-72HR	I-BLDG B	BASE	18.00	12.538	17.500	211	0.094	0.951	0.1	1.3
10YR-72HR	IA-3	BASE	18.00	12.533	17.500	360	7.454	-3.318	5.6	-4.8
10YR-72HR	J-BLDG A	BASE	18.00	12.537	17.500	211	0.165	-0.572	0.1	-1.0
10YR-72HR	JA-1	BASE	18.00	12.539	17.500	385	-3.890	4.834	-5.8	6.5
10YR-72HR	K-LAKE-2	BASE	18.00	12.535	17.500	88868	-5.146	0.092	-12.8	0.2
10YR-72HR	KA-21	BASE	18.00	12.528	17.500	293	4.834	-11.852	6.5	-29.4
10YR-72HR	L-LAKE 1	BASE	18.00	12.535	17.500	243848	-6.651	0.000	-16.9	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	M-LAKE 3	BASE	18.00	12.536	17.500	105760	8.867	0.109	2.6	0.2
10YR-72HR	N-PreDev	BASE	18.00	14.538	18.000	76784	0.257	0.000	0.0	0.0
10YR-72HR	O-CANAL	BASE	18.00	7.290	14.500	0	0.201	0.000	0.3	0.0
10YR-72HR	A-DET 6	BASE	20.00	12.559	17.500	307	0.160	0.160	0.1	0.1
10YR-72HR	AA-6D	BASE	20.00	12.559	17.500	19945	0.160	0.139	0.1	0.1
10YR-72HR	AB-65	BASE	20.00	11.724	17.500	10366	0.143	0.000	0.1	0.0
10YR-72HR	AC-63	BASE	20.00	11.716	17.500	9601	0.062	-0.038	0.0	-0.0
10YR-72HR	B-DET 5E	BASE	20.00	12.582	17.500	136	0.229	0.228	0.2	0.2
10YR-72HR	BA-5ED	BASE	20.00	12.582	17.500	28167	0.228	0.153	0.2	0.1
10YR-72HR	BB-56	BASE	20.00	11.737	17.500	7707	0.184	0.084	0.1	0.0
10YR-72HR	C-DET 5W	BASE	20.00	12.584	17.500	142	0.247	-0.950	0.2	-0.7
10YR-72HR	CA-5WD	BASE	20.00	12.584	17.500	28949	-0.980	0.125	-0.6	-0.2
10YR-72HR	CB-54	BASE	20.00	12.561	17.500	8501	0.125	0.089	-0.2	-0.2
10YR-72HR	D-DET 4N	BASE	20.00	12.561	17.500	434	0.067	0.066	0.0	0.0
10YR-72HR	DA-DET 4	BASE	20.00	12.561	17.500	23233	0.187	0.090	-0.1	-0.2
10YR-72HR	E-DET 7E	BASE	20.00	12.567	17.500	136	0.176	0.176	0.1	-0.0
10YR-72HR	EA-7ED	BASE	20.00	12.566	17.500	23612	0.176	0.164	-0.0	0.1
10YR-72HR	EB-ME 104	BASE	20.00	11.720	17.500	6559	0.063	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	20.00	12.554	17.500	174	0.017	15.242	-0.0	9.4
10YR-72HR	F-DET 7W	BASE	20.00	12.498	17.500	142	0.268	-0.734	0.2	-0.3
10YR-72HR	FA-7WD	BASE	20.00	12.498	17.500	27506	-0.671	-0.171	-0.3	-0.2
10YR-72HR	FB-7WD	BASE	20.00	12.509	17.500	545	0.076	0.076	0.1	0.0
10YR-72HR	FC-CS 4	BASE	20.00	12.509	17.500	10926	-0.095	-0.096	-0.2	-0.2
10YR-72HR	G-DET 8E	BASE	20.00	12.615	17.500	138	0.155	0.516	0.1	0.3
10YR-72HR	GA-8ED	BASE	20.00	12.614	17.500	12824	0.516	0.093	0.3	-0.0
10YR-72HR	GB-CS 28	BASE	20.00	12.601	17.500	3466	0.075	0.057	-0.0	-0.1
10YR-72HR	H-DET 8W	BASE	20.00	12.613	17.500	138	0.184	-0.139	0.1	0.1
10YR-72HR	HA-8WD	BASE	20.00	12.613	17.500	14304	-0.121	0.091	0.1	-0.1
10YR-72HR	HB-CS 5	BASE	20.00	12.571	17.500	4915	0.091	0.040	-0.1	-0.1
10YR-72HR	I-BLDG B	BASE	20.00	12.545	17.500	212	0.102	0.967	0.1	1.4
10YR-72HR	IA-3	BASE	20.00	12.539	17.500	360	7.425	-3.358	6.8	-5.4
10YR-72HR	J-BLDG A	BASE	20.00	12.544	17.500	212	0.180	-0.563	0.1	-1.1
10YR-72HR	JA-1	BASE	20.00	12.546	17.500	386	-3.921	4.811	-6.4	7.3
10YR-72HR	K-LAKE-2	BASE	20.00	12.542	17.500	88901	-5.092	0.098	-13.7	0.2
10YR-72HR	KA-21	BASE	20.00	12.535	17.500	293	4.811	-11.879	7.3	-31.3
10YR-72HR	L-LAKE 1	BASE	20.00	12.542	17.500	243923	-6.525	0.000	-18.0	0.0
10YR-72HR	M-LAKE 3	BASE	20.00	12.543	17.500	105771	8.931	0.117	4.1	0.2
10YR-72HR	N-PreDev	BASE	20.00	14.563	18.000	127393	0.447	0.000	0.1	0.0
10YR-72HR	O-CANAL	BASE	20.00	7.600	14.500	0	0.215	0.000	0.4	0.0
10YR-72HR	A-DET 6	BASE	22.00	12.563	17.500	307	0.172	0.171	0.1	0.2
10YR-72HR	AA-6D	BASE	22.00	12.563	17.500	19960	0.171	0.135	0.2	0.1
10YR-72HR	AB-65	BASE	22.00	11.842	17.500	10393	0.194	0.000	0.1	0.0
10YR-72HR	AC-63	BASE	22.00	11.796	17.500	9622	0.072	-0.049	0.1	-0.0
10YR-72HR	B-DET 5E	BASE	22.00	12.597	17.500	136	0.245	0.245	0.2	0.2
10YR-72HR	BA-5ED	BASE	22.00	12.597	17.500	28245	0.245	0.199	0.2	0.1
10YR-72HR	BB-56	BASE	22.00	11.848	17.500	7737	0.262	0.124	0.1	0.0
10YR-72HR	C-DET 5W	BASE	22.00	12.602	17.500	142	0.265	-0.965	0.2	-0.8
10YR-72HR	CA-5WD	BASE	22.00	12.602	17.500	29049	-1.028	0.139	-0.8	-0.2
10YR-72HR	CB-54	BASE	22.00	12.590	17.500	8544	0.139	0.108	-0.2	-0.2
10YR-72HR	D-DET 4N	BASE	22.00	12.590	17.500	435	0.072	0.071	0.1	0.1
10YR-72HR	DA-DET 4	BASE	22.00	12.590	17.500	23311	0.213	0.126	-0.1	-0.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	E-DET 7E	BASE	22.00	12.576	17.500	136	0.188	0.188	0.2	0.0
10YR-72HR	EA-7ED	BASE	22.00	12.576	17.500	23720	0.188	0.106	0.0	0.1
10YR-72HR	EB-ME 104	BASE	22.00	11.798	17.500	6581	0.084	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	22.00	12.564	17.500	174	-0.006	15.235	-0.0	12.0
10YR-72HR	F-DET 7W	BASE	22.00	12.578	17.500	142	0.286	-0.880	0.2	-0.5
10YR-72HR	FA-7WD	BASE	22.00	12.579	17.500	27888	-0.907	0.059	-0.4	-0.2
10YR-72HR	FB-7WD	BASE	22.00	12.568	17.500	548	0.081	0.077	0.1	0.1
10YR-72HR	FC-CS 4	BASE	22.00	12.567	17.500	11075	0.136	0.065	-0.2	-0.2
10YR-72HR	G-DET 8E	BASE	22.00	12.655	17.500	138	0.166	0.571	0.1	0.4
10YR-72HR	GA-8ED	BASE	22.00	12.655	17.500	13057	0.571	0.091	0.4	0.0
10YR-72HR	GB-CS 28	BASE	22.00	12.648	17.500	3534	0.095	0.073	-0.0	-0.0
10YR-72HR	H-DET 8W	BASE	22.00	12.655	17.500	138	0.197	-0.172	0.2	0.1
10YR-72HR	HA-8WD	BASE	22.00	12.655	17.500	14584	-0.177	0.109	0.1	-0.0
10YR-72HR	HB-CS 5	BASE	22.00	12.640	17.500	5050	0.109	0.070	-0.0	-0.1
10YR-72HR	I-BLDG B	BASE	22.00	12.555	17.500	212	0.109	0.988	0.1	1.6
10YR-72HR	IA-3	BASE	22.00	12.550	17.500	360	7.391	-3.412	8.1	-5.9
10YR-72HR	J-BLDG A	BASE	22.00	12.555	17.500	212	0.192	-0.561	0.2	-1.2
10YR-72HR	JA-1	BASE	22.00	12.556	17.500	386	-3.973	4.775	-7.1	8.1
10YR-72HR	K-LAKE-2	BASE	22.00	12.552	17.500	88951	-5.032	0.109	-14.5	0.2
10YR-72HR	KA-21	BASE	22.00	12.546	17.500	293	4.775	-11.921	8.1	-33.3
10YR-72HR	L-LAKE 1	BASE	22.00	12.553	17.500	244039	-6.384	0.000	-19.0	0.0
10YR-72HR	M-LAKE 3	BASE	22.00	12.553	17.500	105789	9.002	0.129	5.5	0.2
10YR-72HR	N-PreDev	BASE	22.00	14.588	18.000	179028	0.630	0.000	0.2	0.0
10YR-72HR	O-CANAL	BASE	22.00	7.910	14.500	0	0.238	0.000	0.4	0.0
10YR-72HR	A-DET 6	BASE	24.00	12.568	17.500	307	0.181	0.181	0.2	0.2
10YR-72HR	AA-6D	BASE	24.00	12.568	17.500	19978	0.181	0.145	0.2	0.1
10YR-72HR	AB-65	BASE	24.00	11.990	17.500	10420	0.234	0.000	0.1	0.0
10YR-72HR	AC-63	BASE	24.00	11.912	17.500	9646	0.085	-0.107	0.1	-0.0
10YR-72HR	B-DET 5E	BASE	24.00	12.607	17.500	136	0.259	0.259	0.2	0.3
10YR-72HR	BA-5ED	BASE	24.00	12.607	17.500	28302	0.259	0.221	0.3	0.1
10YR-72HR	BB-56	BASE	24.00	11.992	17.500	7765	0.325	0.152	0.1	0.1
10YR-72HR	C-DET 5W	BASE	24.00	12.617	17.500	142	0.280	-0.978	0.3	-1.0
10YR-72HR	CA-5WD	BASE	24.00	12.617	17.500	29132	-1.082	0.116	-1.0	-0.1
10YR-72HR	CB-54	BASE	24.00	12.613	17.500	8578	0.116	0.093	-0.1	-0.2
10YR-72HR	D-DET 4N	BASE	24.00	12.613	17.500	436	0.076	0.075	0.1	0.1
10YR-72HR	DA-DET 4	BASE	24.00	12.613	17.500	23373	0.205	0.142	-0.1	-0.2
10YR-72HR	E-DET 7E	BASE	24.00	12.600	17.500	136	0.199	0.199	0.2	0.1
10YR-72HR	EA-7ED	BASE	24.00	12.599	17.500	23852	0.199	0.131	0.1	0.1
10YR-72HR	EB-ME 104	BASE	24.00	11.915	17.500	6614	0.131	0.000	0.1	0.0
10YR-72HR	EC-CB 32	BASE	24.00	12.577	17.500	174	-0.022	15.227	-0.0	14.5
10YR-72HR	F-DET 7W	BASE	24.00	12.615	17.500	142	0.303	-0.941	0.3	-0.6
10YR-72HR	FA-7WD	BASE	24.00	12.616	17.500	28111	-1.047	0.084	-0.6	-0.2
10YR-72HR	FB-7WD	BASE	24.00	12.611	17.500	550	0.086	0.083	0.1	0.1
10YR-72HR	FC-CS 4	BASE	24.00	12.611	17.500	11175	0.167	0.112	-0.1	-0.2
10YR-72HR	G-DET 8E	BASE	24.00	12.697	17.500	139	0.176	0.631	0.2	0.5
10YR-72HR	GA-8ED	BASE	24.00	12.696	17.500	13292	0.631	0.098	0.5	0.0
10YR-72HR	GB-CS 28	BASE	24.00	12.692	17.500	3599	0.106	0.084	0.0	-0.0
10YR-72HR	H-DET 8W	BASE	24.00	12.696	17.500	139	0.208	-0.213	0.2	0.0
10YR-72HR	HA-8WD	BASE	24.00	12.696	17.500	14849	-0.220	0.115	0.1	-0.0
10YR-72HR	HB-CS 5	BASE	24.00	12.689	17.500	5152	0.115	0.083	-0.0	-0.1
10YR-72HR	I-BLDG B	BASE	24.00	12.568	17.500	212	0.116	1.013	0.1	1.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	24.00	12.563	17.500	360	7.381	-3.443	9.3	-6.5
10YR-72HR	J-BLDG A	BASE	24.00	12.568	17.500	212	0.203	-0.564	0.2	-1.2
10YR-72HR	JA-1	BASE	24.00	12.569	17.500	386	-4.008	4.758	-7.7	8.9
10YR-72HR	K-LAKE-2	BASE	24.00	12.566	17.500	89012	-5.002	0.124	-15.4	0.2
10YR-72HR	KA-21	BASE	24.00	12.559	17.500	293	4.758	-11.940	8.9	-35.3
10YR-72HR	L-LAKE 1	BASE	24.00	12.566	17.500	244181	-6.343	0.000	-20.1	0.0
10YR-72HR	M-LAKE 3	BASE	24.00	12.565	17.500	105812	9.045	0.146	7.0	0.2
10YR-72HR	N-PreDev	BASE	24.00	14.613	18.000	230264	0.798	0.000	0.3	0.0
10YR-72HR	O-CANAL	BASE	24.00	8.220	14.500	0	0.269	0.000	0.4	0.0
10YR-72HR	A-DET 6	BASE	26.00	12.584	17.500	308	0.280	0.280	0.2	0.2
10YR-72HR	AA-6D	BASE	26.00	12.583	17.500	20032	0.280	0.228	0.2	0.1
10YR-72HR	AB-65	BASE	26.00	12.190	17.500	10455	0.356	0.000	0.2	0.0
10YR-72HR	AC-63	BASE	26.00	12.104	17.500	9682	0.129	-0.206	0.1	-0.1
10YR-72HR	B-DET 5E	BASE	26.00	12.631	17.500	136	0.400	0.400	0.3	0.3
10YR-72HR	BA-5ED	BASE	26.00	12.631	17.500	28428	0.400	0.316	0.3	0.2
10YR-72HR	BB-56	BASE	26.00	12.191	17.500	7801	0.497	0.232	0.2	0.1
10YR-72HR	C-DET 5W	BASE	26.00	12.646	17.500	142	0.432	-0.803	0.3	-1.1
10YR-72HR	CA-5WD	BASE	26.00	12.646	17.500	29287	-0.983	0.134	-1.1	-0.1
10YR-72HR	CB-54	BASE	26.00	12.643	17.500	8627	0.134	0.094	-0.1	-0.2
10YR-72HR	D-DET 4N	BASE	26.00	12.643	17.500	437	0.118	0.116	0.1	0.1
10YR-72HR	DA-DET 4	BASE	26.00	12.643	17.500	23454	0.267	0.160	-0.0	-0.1
10YR-72HR	E-DET 7E	BASE	26.00	12.632	17.500	136	0.307	0.307	0.2	0.1
10YR-72HR	EA-7ED	BASE	26.00	12.632	17.500	24026	0.307	0.208	0.1	0.1
10YR-72HR	EB-ME 104	BASE	26.00	12.106	17.500	6657	0.229	0.000	0.1	0.0
10YR-72HR	EC-CB 32	BASE	26.00	12.595	17.500	174	-0.026	15.218	-0.0	17.0
10YR-72HR	F-DET 7W	BASE	26.00	12.659	17.500	142	0.468	-0.772	0.3	-0.8
10YR-72HR	FA-7WD	BASE	26.00	12.659	17.500	28373	-1.000	0.082	-0.8	-0.2
10YR-72HR	FB-7WD	BASE	26.00	12.658	17.500	552	0.132	0.129	0.1	0.1
10YR-72HR	FC-CS 4	BASE	26.00	12.658	17.500	11286	0.211	0.144	-0.1	-0.2
10YR-72HR	G-DET 8E	BASE	26.00	12.763	17.500	139	0.271	0.715	0.2	0.6
10YR-72HR	GA-8ED	BASE	26.00	12.762	17.500	13669	0.715	0.129	0.6	0.0
10YR-72HR	GB-CS 28	BASE	26.00	12.760	17.500	3701	0.138	0.099	0.0	-0.0
10YR-72HR	H-DET 8W	BASE	26.00	12.762	17.500	139	0.321	0.320	0.2	0.1
10YR-72HR	HA-8WD	BASE	26.00	12.762	17.500	15272	0.311	0.155	0.1	0.0
10YR-72HR	HB-CS 5	BASE	26.00	12.758	17.500	5301	0.155	0.099	0.0	-0.0
10YR-72HR	I-BLDG B	BASE	26.00	12.587	17.500	212	0.179	1.091	0.1	1.9
10YR-72HR	IA-3	BASE	26.00	12.581	17.500	361	7.401	-3.433	10.5	-7.1
10YR-72HR	J-BLDG A	BASE	26.00	12.587	17.500	212	0.314	-0.435	0.2	-1.3
10YR-72HR	JA-1	BASE	26.00	12.588	17.500	386	-3.868	4.865	-8.4	9.7
10YR-72HR	K-LAKE-2	BASE	26.00	12.583	17.500	89096	-4.897	0.144	-16.2	0.2
10YR-72HR	KA-21	BASE	26.00	12.577	17.500	293	4.865	-11.815	9.7	-37.2
10YR-72HR	L-LAKE 1	BASE	26.00	12.584	17.500	244373	-6.118	0.000	-21.1	0.0
10YR-72HR	M-LAKE 3	BASE	26.00	12.583	17.500	105844	9.165	0.171	8.5	0.3
10YR-72HR	N-PreDev	BASE	26.00	14.642	18.000	288724	1.282	0.000	0.5	0.0
10YR-72HR	O-CANAL	BASE	26.00	8.530	14.500	0	0.316	0.000	0.5	0.0
10YR-72HR	A-DET 6	BASE	28.00	12.591	17.500	308	0.295	0.295	0.3	0.3
10YR-72HR	AA-6D	BASE	28.00	12.590	17.500	20058	0.295	0.264	0.3	0.2
10YR-72HR	AB-65	BASE	28.00	12.470	17.500	10483	0.455	0.000	0.2	0.0
10YR-72HR	AC-63	BASE	28.00	12.399	17.500	9713	0.154	-0.299	0.1	-0.1
10YR-72HR	B-DET 5E	BASE	28.00	12.648	17.500	136	0.421	0.421	0.4	0.4
10YR-72HR	BA-5ED	BASE	28.00	12.648	17.500	28523	0.421	0.364	0.4	0.2

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	BB-56	BASE	28.00	12.471	17.500	7833	0.646	0.307	0.3	0.1
10YR-72HR	C-DET 5W	BASE	28.00	12.671	17.500	143	0.455	-0.827	0.4	-1.3
10YR-72HR	CA-5WD	BASE	28.00	12.671	17.500	29418	-1.109	0.086	-1.3	-0.1
10YR-72HR	CB-54	BASE	28.00	12.671	17.500	8670	0.086	0.065	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	28.00	12.671	17.500	437	0.124	0.123	0.1	0.1
10YR-72HR	DA-DET 4	BASE	28.00	12.671	17.500	23527	0.248	0.169	0.0	-0.1
10YR-72HR	E-DET 7E	BASE	28.00	12.655	17.500	136	0.324	0.323	0.3	0.2
10YR-72HR	EA-7ED	BASE	28.00	12.655	17.500	24149	0.323	0.266	0.2	0.2
10YR-72HR	EB-ME 104	BASE	28.00	12.400	17.500	6695	0.311	0.000	0.1	0.0
10YR-72HR	EC-CB 32	BASE	28.00	12.615	17.500	174	-0.037	15.183	-0.0	19.5
10YR-72HR	F-DET 7W	BASE	28.00	12.690	17.500	143	0.493	-0.809	0.4	-0.9
10YR-72HR	FA-7WD	BASE	28.00	12.690	17.500	28558	-1.154	0.056	-1.0	-0.2
10YR-72HR	FB-7WD	BASE	28.00	12.690	17.500	552	0.139	0.137	0.1	0.1
10YR-72HR	FC-CS 4	BASE	28.00	12.690	17.500	11362	0.193	0.155	-0.1	-0.1
10YR-72HR	G-DET 8E	BASE	28.00	12.836	17.500	139	0.286	0.855	0.2	0.7
10YR-72HR	GA-8ED	BASE	28.00	12.835	17.500	14085	0.855	0.138	0.7	0.1
10YR-72HR	GB-CS 28	BASE	28.00	12.834	17.500	3812	0.152	0.113	0.0	0.0
10YR-72HR	H-DET 8W	BASE	28.00	12.835	17.500	139	0.338	-0.133	0.3	0.1
10YR-72HR	HA-8WD	BASE	28.00	12.835	17.500	15738	-0.147	0.169	0.1	0.0
10YR-72HR	HB-CS 5	BASE	28.00	12.833	17.500	5463	0.169	0.113	0.0	-0.0
10YR-72HR	I-BLDG B	BASE	28.00	12.607	17.500	213	0.188	1.129	0.2	2.1
10YR-72HR	IA-3	BASE	28.00	12.602	17.500	361	7.399	-3.462	11.7	-7.6
10YR-72HR	J-BLDG A	BASE	28.00	12.607	17.500	213	0.331	-0.440	0.3	-1.4
10YR-72HR	JA-1	BASE	28.00	12.608	17.500	387	-3.902	4.857	-9.0	10.5
10YR-72HR	K-LAKE-2	BASE	28.00	12.604	17.500	89193	-4.866	0.170	-17.0	0.3
10YR-72HR	KA-21	BASE	28.00	12.597	17.500	293	4.857	-11.826	10.5	-39.2
10YR-72HR	L-LAKE 1	BASE	28.00	12.604	17.500	244595	-6.103	0.000	-22.1	0.0
10YR-72HR	M-LAKE 3	BASE	28.00	12.604	17.500	105881	9.192	0.202	10.0	0.3
10YR-72HR	N-PreDev	BASE	28.00	14.675	18.000	355814	1.653	0.000	0.7	0.0
10YR-72HR	O-CANAL	BASE	28.00	8.840	14.500	0	0.372	0.000	0.6	0.0
10YR-72HR	A-DET 6	BASE	30.00	12.677	17.500	311	0.308	0.302	0.3	0.3
10YR-72HR	AA-6D	BASE	30.00	12.677	17.500	20551	0.302	-0.099	0.3	0.2
10YR-72HR	AB-65	BASE	30.00	12.678	17.500	10847	0.183	0.000	0.3	0.0
10YR-72HR	AC-63	BASE	30.00	12.678	17.500	10053	-0.084	-0.274	0.1	-0.1
10YR-72HR	B-DET 5E	BASE	30.00	12.688	17.500	136	0.439	0.438	0.4	0.5
10YR-72HR	BA-5ED	BASE	30.00	12.688	17.500	28765	0.438	0.171	0.5	0.3
10YR-72HR	BB-56	BASE	30.00	12.678	17.500	8031	0.379	0.245	0.4	0.2
10YR-72HR	C-DET 5W	BASE	30.00	12.694	17.500	143	0.474	-0.856	0.5	-1.4
10YR-72HR	CA-5WD	BASE	30.00	12.695	17.500	29564	-1.064	0.126	-1.5	-0.1
10YR-72HR	CB-54	BASE	30.00	12.694	17.500	8708	0.126	0.086	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	30.00	12.694	17.500	438	0.129	0.127	0.1	0.1
10YR-72HR	DA-DET 4	BASE	30.00	12.694	17.500	23588	0.276	0.172	0.1	-0.1
10YR-72HR	E-DET 7E	BASE	30.00	12.693	17.500	136	0.338	0.336	0.3	0.2
10YR-72HR	EA-7ED	BASE	30.00	12.693	17.500	24378	0.336	0.077	0.2	0.2
10YR-72HR	EB-ME 104	BASE	30.00	12.678	17.500	6892	0.129	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	30.00	12.637	17.500	174	0.047	15.259	-0.0	22.0
10YR-72HR	F-DET 7W	BASE	30.00	12.712	17.500	143	0.514	-0.832	0.5	-1.0
10YR-72HR	FA-7WD	BASE	30.00	12.712	17.500	28711	-1.158	0.062	-1.1	-0.2
10YR-72HR	FB-7WD	BASE	30.00	12.712	17.500	553	0.145	0.143	0.1	0.1
10YR-72HR	FC-CS 4	BASE	30.00	12.712	17.500	11414	0.205	0.156	-0.0	-0.1
10YR-72HR	G-DET 8E	BASE	30.00	12.908	17.500	140	0.298	0.995	0.3	0.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	30.00	12.907	17.500	14492	0.995	0.143	0.9	0.1
10YR-72HR	GB-CS 28	BASE	30.00	12.906	17.500	3921	0.163	0.125	0.1	0.0
10YR-72HR	H-DET 8W	BASE	30.00	12.907	17.500	140	0.353	-0.275	0.3	0.0
10YR-72HR	HA-8WD	BASE	30.00	12.907	17.500	16193	-0.295	0.181	0.0	0.1
10YR-72HR	HB-CS 5	BASE	30.00	12.906	17.500	5621	0.181	0.125	0.1	-0.0
10YR-72HR	I-BLDG B	BASE	30.00	12.629	17.500	213	0.196	1.168	0.2	2.3
10YR-72HR	IA-3	BASE	30.00	12.623	17.500	361	7.466	-3.432	13.0	-8.2
10YR-72HR	J-BLDG A	BASE	30.00	12.629	17.500	213	0.345	-0.450	0.3	-1.5
10YR-72HR	JA-1	BASE	30.00	12.630	17.500	387	-3.881	4.903	-9.7	11.3
10YR-72HR	K-LAKE-2	BASE	30.00	12.625	17.500	89291	-4.822	0.197	-17.8	0.3
10YR-72HR	KA-21	BASE	30.00	12.618	17.500	293	4.903	-11.774	11.3	-41.1
10YR-72HR	L-LAKE 1	BASE	30.00	12.625	17.500	244820	-6.061	0.000	-23.1	0.0
10YR-72HR	M-LAKE 3	BASE	30.00	12.625	17.500	105919	9.259	0.237	11.6	0.3
10YR-72HR	N-PreDev	BASE	30.00	14.708	18.000	423820	1.954	0.000	1.0	0.0
10YR-72HR	O-CANAL	BASE	30.00	9.150	14.500	0	0.434	0.000	0.6	0.0
10YR-72HR	A-DET 6	BASE	32.00	12.761	17.500	313	0.318	0.316	0.4	0.4
10YR-72HR	AA-6D	BASE	32.00	12.760	17.500	20934	0.316	0.116	0.4	0.2
10YR-72HR	AB-65	BASE	32.00	12.759	17.500	11046	0.155	0.000	0.3	0.0
10YR-72HR	AC-63	BASE	32.00	12.761	17.500	10238	-0.113	-0.208	0.1	-0.2
10YR-72HR	B-DET 5E	BASE	32.00	12.760	17.500	137	0.454	0.453	0.5	0.5
10YR-72HR	BA-5ED	BASE	32.00	12.759	17.500	29145	0.453	0.174	0.5	0.3
10YR-72HR	BB-56	BASE	32.00	12.759	17.500	8149	0.028	0.000	0.4	0.2
10YR-72HR	C-DET 5W	BASE	32.00	12.757	17.500	143	0.491	-1.004	0.5	-1.5
10YR-72HR	CA-5WD	BASE	32.00	12.758	17.500	29921	-0.858	0.346	-1.7	-0.1
10YR-72HR	CB-54	BASE	32.00	12.755	17.500	8808	0.346	0.258	-0.1	-0.1
10YR-72HR	D-DET 4N	BASE	32.00	12.755	17.500	438	0.134	0.129	0.1	0.1
10YR-72HR	DA-DET 4	BASE	32.00	12.755	17.500	23750	0.452	0.215	0.1	-0.1
10YR-72HR	E-DET 7E	BASE	32.00	12.763	17.500	137	0.349	0.348	0.4	0.3
10YR-72HR	EA-7ED	BASE	32.00	12.763	17.500	24739	0.348	0.128	0.3	0.2
10YR-72HR	EB-ME 104	BASE	32.00	12.761	17.500	7009	0.065	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	32.00	12.659	17.500	174	0.075	15.285	-0.0	24.6
10YR-72HR	F-DET 7W	BASE	32.00	12.764	17.500	143	0.531	-0.952	0.6	-1.2
10YR-72HR	FA-7WD	BASE	32.00	12.765	17.500	29056	-1.097	0.136	-1.3	-0.2
10YR-72HR	FB-7WD	BASE	32.00	12.764	17.500	553	0.150	0.145	0.2	0.2
10YR-72HR	FC-CS 4	BASE	32.00	12.764	17.500	11539	0.281	0.181	0.0	-0.1
10YR-72HR	G-DET 8E	BASE	32.00	12.979	17.500	140	0.308	1.136	0.3	1.1
10YR-72HR	GA-8ED	BASE	32.00	12.977	17.500	14891	1.136	0.150	1.1	0.1
10YR-72HR	GB-CS 28	BASE	32.00	12.977	17.500	4027	0.173	0.135	0.1	0.0
10YR-72HR	H-DET 8W	BASE	32.00	12.977	17.500	140	0.365	-0.406	0.4	-0.0
10YR-72HR	HA-8WD	BASE	32.00	12.978	17.500	16640	-0.429	0.192	-0.0	0.1
10YR-72HR	HB-CS 5	BASE	32.00	12.977	17.500	5775	0.192	0.135	0.1	0.0
10YR-72HR	I-BLDG B	BASE	32.00	12.652	17.500	214	0.203	1.209	0.2	2.5
10YR-72HR	IA-3	BASE	32.00	12.646	17.500	362	7.505	-3.433	14.2	-8.8
10YR-72HR	J-BLDG A	BASE	32.00	12.651	17.500	214	0.357	-0.466	0.4	-1.6
10YR-72HR	JA-1	BASE	32.00	12.652	17.500	388	-3.898	4.919	-10.3	12.1
10YR-72HR	K-LAKE-2	BASE	32.00	12.647	17.500	89397	-4.770	0.229	-18.6	0.3
10YR-72HR	KA-21	BASE	32.00	12.641	17.500	293	4.919	-11.758	12.1	-43.1
10YR-72HR	L-LAKE 1	BASE	32.00	12.648	17.500	245065	-6.003	0.000	-24.1	0.0
10YR-72HR	M-LAKE 3	BASE	32.00	12.648	17.500	105960	9.303	0.276	13.1	0.4
10YR-72HR	N-PreDev	BASE	32.00	14.741	18.000	490535	2.201	0.000	1.4	0.0
10YR-72HR	O-CANAL	BASE	32.00	9.460	14.500	0	0.505	0.000	0.7	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	34.00	12.827	17.500	314	0.328	0.325	0.4	0.4
10YR-72HR	AA-6D	BASE	34.00	12.827	17.500	21239	0.325	0.127	0.4	0.2
10YR-72HR	AB-65	BASE	34.00	12.826	17.500	11208	0.063	0.000	0.3	0.0
10YR-72HR	AC-63	BASE	34.00	12.827	17.500	10385	-0.087	-0.182	0.1	-0.2
10YR-72HR	B-DET 5E	BASE	34.00	12.827	17.500	137	0.467	0.466	0.6	0.6
10YR-72HR	BA-5ED	BASE	34.00	12.826	17.500	29509	0.466	0.194	0.6	0.3
10YR-72HR	BB-56	BASE	34.00	12.826	17.500	8249	0.055	-0.062	0.4	0.2
10YR-72HR	C-DET 5W	BASE	34.00	12.825	17.500	143	0.505	-1.177	0.6	-1.7
10YR-72HR	CA-5WD	BASE	34.00	12.826	17.500	30298	-1.037	0.364	-1.8	0.0
10YR-72HR	CB-54	BASE	34.00	12.824	17.500	8920	0.364	0.280	0.0	-0.1
10YR-72HR	D-DET 4N	BASE	34.00	12.824	17.500	437	0.138	0.134	0.2	0.2
10YR-72HR	DA-DET 4	BASE	34.00	12.824	17.500	23933	0.480	0.256	0.2	-0.0
10YR-72HR	E-DET 7E	BASE	34.00	12.828	17.500	137	0.359	0.358	0.4	0.3
10YR-72HR	EA-7ED	BASE	34.00	12.828	17.500	25081	0.358	0.130	0.3	0.2
10YR-72HR	EB-ME 104	BASE	34.00	12.827	17.500	7105	0.065	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	34.00	12.683	17.500	174	0.090	15.298	-0.0	27.1
10YR-72HR	F-DET 7W	BASE	34.00	12.828	17.500	143	0.547	-1.113	0.7	-1.3
10YR-72HR	FA-7WD	BASE	34.00	12.828	17.500	29454	-1.230	0.167	-1.5	-0.1
10YR-72HR	FB-7WD	BASE	34.00	12.828	17.500	552	0.154	0.149	0.2	0.2
10YR-72HR	FC-CS 4	BASE	34.00	12.828	17.500	11689	0.316	0.210	0.1	-0.0
10YR-72HR	G-DET 8E	BASE	34.00	13.048	17.500	140	0.317	1.280	0.4	1.3
10YR-72HR	GA-8ED	BASE	34.00	13.046	17.500	15281	1.280	0.155	1.3	0.1
10YR-72HR	GB-CS 28	BASE	34.00	13.046	17.500	4130	0.181	0.145	0.1	0.1
10YR-72HR	H-DET 8W	BASE	34.00	13.046	17.500	140	0.376	-0.539	0.5	-0.1
10YR-72HR	HA-8WD	BASE	34.00	13.046	17.500	17076	-0.566	0.202	-0.1	0.1
10YR-72HR	HB-CS 5	BASE	34.00	13.046	17.500	5925	0.202	0.144	0.1	0.0
10YR-72HR	I-BLDG B	BASE	34.00	12.675	17.500	214	0.209	1.250	0.3	2.7
10YR-72HR	IA-3	BASE	34.00	12.669	17.500	362	7.519	-3.461	15.4	-9.3
10YR-72HR	J-BLDG A	BASE	34.00	12.675	17.500	214	0.367	-0.486	0.5	-1.6
10YR-72HR	JA-1	BASE	34.00	12.676	17.500	388	-3.947	4.910	-11.0	12.9
10YR-72HR	K-LAKE-2	BASE	34.00	12.671	17.500	89509	-4.721	0.264	-19.4	0.4
10YR-72HR	KA-21	BASE	34.00	12.665	17.500	293	4.910	-11.771	12.9	-45.0
10YR-72HR	L-LAKE 1	BASE	34.00	12.672	17.500	245324	-5.972	0.000	-25.1	0.0
10YR-72HR	M-LAKE 3	BASE	34.00	12.671	17.500	106002	9.358	0.320	14.6	0.4
10YR-72HR	N-PreDev	BASE	34.00	14.773	18.000	555383	2.421	0.000	1.7	0.0
10YR-72HR	O-CANAL	BASE	34.00	9.770	14.500	0	0.585	0.000	0.8	0.0
10YR-72HR	A-DET 6	BASE	36.00	12.893	17.500	315	0.336	0.333	0.5	0.5
10YR-72HR	AA-6D	BASE	36.00	12.892	17.500	21539	0.333	0.135	0.5	0.2
10YR-72HR	AB-65	BASE	36.00	12.892	17.500	11365	0.051	0.000	0.3	0.0
10YR-72HR	AC-63	BASE	36.00	12.892	17.500	10529	-0.082	-0.177	0.1	-0.2
10YR-72HR	B-DET 5E	BASE	36.00	12.892	17.500	137	0.479	0.478	0.7	0.7
10YR-72HR	BA-5ED	BASE	36.00	12.892	17.500	29863	0.478	0.207	0.7	0.4
10YR-72HR	BB-56	BASE	36.00	12.892	17.500	8346	0.062	-0.066	0.4	0.2
10YR-72HR	C-DET 5W	BASE	36.00	12.891	17.500	143	0.517	-1.355	0.7	-1.9
10YR-72HR	CA-5WD	BASE	36.00	12.892	17.500	30662	-1.210	0.387	-2.0	0.1
10YR-72HR	CB-54	BASE	36.00	12.891	17.500	9027	0.387	0.303	0.1	-0.0
10YR-72HR	D-DET 4N	BASE	36.00	12.891	17.500	436	0.141	0.137	0.2	0.2
10YR-72HR	DA-DET 4	BASE	36.00	12.891	17.500	24106	0.508	0.289	0.3	0.0
10YR-72HR	E-DET 7E	BASE	36.00	12.893	17.500	137	0.368	0.367	0.5	0.4
10YR-72HR	EA-7ED	BASE	36.00	12.893	17.500	25426	0.367	0.137	0.4	0.3
10YR-72HR	EB-ME 104	BASE	36.00	12.892	17.500	7200	0.065	0.000	0.2	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	36.00	12.707	17.500	174	0.102	15.308	-0.0	29.6
10YR-72HR	F-DET 7W	BASE	36.00	12.892	17.500	143	0.560	-1.289	0.8	-1.5
10YR-72HR	FA-7WD	BASE	36.00	12.893	17.500	29857	-1.394	0.190	-1.7	-0.1
10YR-72HR	FB-7WD	BASE	36.00	12.893	17.500	550	0.158	0.153	0.2	0.2
10YR-72HR	FC-CS 4	BASE	36.00	12.893	17.500	11840	0.343	0.235	0.1	-0.0
10YR-72HR	G-DET 8E	BASE	36.00	13.115	17.500	140	0.325	1.428	0.4	1.5
10YR-72HR	GA-8ED	BASE	36.00	13.114	17.500	15663	1.428	0.153	1.5	0.2
10YR-72HR	GB-CS 28	BASE	36.00	13.113	17.500	4232	0.188	0.153	0.2	0.1
10YR-72HR	H-DET 8W	BASE	36.00	13.113	17.500	140	0.385	-0.675	0.5	-0.2
10YR-72HR	HA-8WD	BASE	36.00	13.114	17.500	17503	-0.711	0.211	-0.2	0.2
10YR-72HR	HB-CS 5	BASE	36.00	13.113	17.500	6072	0.211	0.152	0.2	0.1
10YR-72HR	I-BLDG B	BASE	36.00	12.700	17.500	214	0.214	1.293	0.3	2.9
10YR-72HR	IA-3	BASE	36.00	12.694	17.500	363	7.533	-3.491	16.7	-9.9
10YR-72HR	J-BLDG A	BASE	36.00	12.700	17.500	214	0.376	-0.511	0.5	-1.7
10YR-72HR	JA-1	BASE	36.00	12.701	17.500	388	-4.002	4.898	-11.6	13.7
10YR-72HR	K-LAKE-2	BASE	36.00	12.696	17.500	89624	-4.676	0.303	-20.1	0.4
10YR-72HR	KA-21	BASE	36.00	12.689	17.500	293	4.898	-11.788	13.7	-47.0
10YR-72HR	L-LAKE 1	BASE	36.00	12.696	17.500	245590	-5.956	0.000	-26.1	0.0
10YR-72HR	M-LAKE 3	BASE	36.00	12.695	17.500	106045	9.411	0.368	16.2	0.5
10YR-72HR	N-PreDev	BASE	36.00	14.804	18.000	618417	2.621	0.000	2.2	0.0
10YR-72HR	O-CANAL	BASE	36.00	10.080	14.500	0	0.671	0.000	0.9	0.0
10YR-72HR	A-DET 6	BASE	38.00	12.958	17.500	315	0.346	0.343	0.5	0.5
10YR-72HR	AA-6D	BASE	38.00	12.957	17.500	21837	0.343	0.144	0.5	0.2
10YR-72HR	AB-65	BASE	38.00	12.957	17.500	11522	0.115	0.000	0.4	0.0
10YR-72HR	AC-63	BASE	38.00	12.957	17.500	10672	-0.083	-0.179	0.1	-0.3
10YR-72HR	B-DET 5E	BASE	38.00	12.957	17.500	137	0.494	0.493	0.7	0.8
10YR-72HR	BA-5ED	BASE	38.00	12.957	17.500	30214	0.493	0.216	0.8	0.4
10YR-72HR	BB-56	BASE	38.00	12.957	17.500	8443	0.063	0.000	0.4	0.2
10YR-72HR	C-DET 5W	BASE	38.00	12.956	17.500	143	0.533	-1.534	0.8	-2.2
10YR-72HR	CA-5WD	BASE	38.00	12.957	17.500	31023	-1.381	0.411	-2.2	0.1
10YR-72HR	CB-54	BASE	38.00	12.956	17.500	9133	0.411	0.325	0.1	0.0
10YR-72HR	D-DET 4N	BASE	38.00	12.956	17.500	434	0.145	0.142	0.2	0.2
10YR-72HR	DA-DET 4	BASE	38.00	12.956	17.500	24276	0.537	0.318	0.4	0.1
10YR-72HR	E-DET 7E	BASE	38.00	12.958	17.500	137	0.380	0.762	0.6	0.5
10YR-72HR	EA-7ED	BASE	38.00	12.958	17.500	25770	0.762	0.142	0.5	0.3
10YR-72HR	EB-ME 104	BASE	38.00	12.957	17.500	7294	0.065	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	38.00	12.732	17.500	174	0.112	15.317	0.0	32.1
10YR-72HR	F-DET 7W	BASE	38.00	12.957	17.500	143	0.578	-1.467	0.9	-1.8
10YR-72HR	FA-7WD	BASE	38.00	12.958	17.500	30261	-1.569	0.210	-2.0	-0.1
10YR-72HR	FB-7WD	BASE	38.00	12.958	17.500	547	0.163	0.158	0.2	0.2
10YR-72HR	FC-CS 4	BASE	38.00	12.957	17.500	11990	0.368	0.258	0.2	0.0
10YR-72HR	G-DET 8E	BASE	38.00	13.182	17.500	141	0.335	1.581	0.5	1.7
10YR-72HR	GA-8ED	BASE	38.00	13.180	17.500	16041	1.581	0.149	1.7	0.2
10YR-72HR	GB-CS 28	BASE	38.00	13.180	17.500	4332	0.195	0.160	0.2	0.1
10YR-72HR	H-DET 8W	BASE	38.00	13.180	17.500	141	0.397	-0.810	0.6	-0.3
10YR-72HR	HA-8WD	BASE	38.00	13.180	17.500	17926	-0.855	0.220	-0.3	0.2
10YR-72HR	HB-CS 5	BASE	38.00	13.180	17.500	6217	0.220	0.160	0.2	0.1
10YR-72HR	I-BLDG B	BASE	38.00	12.725	17.500	215	0.220	1.339	0.3	3.1
10YR-72HR	IA-3	BASE	38.00	12.719	17.500	363	7.546	-3.523	17.9	-10.5
10YR-72HR	J-BLDG A	BASE	38.00	12.725	17.500	215	0.388	-0.532	0.6	-1.8
10YR-72HR	JA-1	BASE	38.00	12.726	17.500	389	-4.055	4.887	-12.3	14.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	K-LAKE-2	BASE	38.00	12.721	17.500	89741	-4.628	0.344	-20.9	0.5
10YR-72HR	KA-21	BASE	38.00	12.714	17.500	293	4.887	-11.802	14.6	-48.9
10YR-72HR	L-LAKE 1	BASE	38.00	12.722	17.500	245861	-5.944	0.000	-27.1	0.0
10YR-72HR	M-LAKE 3	BASE	38.00	12.720	17.500	106090	9.465	0.420	17.8	0.5
10YR-72HR	N-PreDev	BASE	38.00	14.834	18.000	679944	2.824	0.000	2.6	0.0
10YR-72HR	O-CANAL	BASE	38.00	10.390	14.500	0	0.764	0.000	1.0	0.0
10YR-72HR	A-DET 6	BASE	40.00	13.022	17.500	315	0.352	0.350	0.6	0.6
10YR-72HR	AA-6D	BASE	40.00	13.022	17.500	22131	0.350	0.151	0.6	0.3
10YR-72HR	AB-65	BASE	40.00	13.022	17.500	11676	0.113	0.000	0.4	0.0
10YR-72HR	AC-63	BASE	40.00	13.022	17.500	10813	-0.083	-0.179	0.0	-0.3
10YR-72HR	B-DET 5E	BASE	40.00	13.022	17.500	137	0.503	0.501	0.8	0.9
10YR-72HR	BA-5ED	BASE	40.00	13.022	17.500	30561	0.501	0.235	0.9	0.4
10YR-72HR	BB-56	BASE	40.00	13.022	17.500	8537	0.076	0.000	0.5	0.2
10YR-72HR	C-DET 5W	BASE	40.00	13.020	17.500	143	0.543	-1.728	0.9	-2.4
10YR-72HR	CA-5WD	BASE	40.00	13.021	17.500	31379	-1.569	0.432	-2.5	0.2
10YR-72HR	CB-54	BASE	40.00	13.021	17.500	9237	0.432	0.345	0.2	0.1
10YR-72HR	D-DET 4N	BASE	40.00	13.021	17.500	430	0.148	0.144	0.2	0.2
10YR-72HR	DA-DET 4	BASE	40.00	13.021	17.500	24442	0.561	0.343	0.5	0.1
10YR-72HR	E-DET 7E	BASE	40.00	13.023	17.500	137	0.386	1.016	0.6	0.6
10YR-72HR	EA-7ED	BASE	40.00	13.022	17.500	26110	1.016	0.143	0.6	0.3
10YR-72HR	EB-ME 104	BASE	40.00	13.022	17.500	7386	0.063	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	40.00	12.757	17.500	174	0.122	15.324	0.0	34.7
10YR-72HR	F-DET 7W	BASE	40.00	13.021	17.500	143	0.588	-1.661	1.0	-2.0
10YR-72HR	FA-7WD	BASE	40.00	13.022	17.500	30661	-1.761	0.229	-2.3	-0.0
10YR-72HR	FB-7WD	BASE	40.00	13.022	17.500	542	0.166	0.161	0.3	0.3
10YR-72HR	FC-CS 4	BASE	40.00	13.022	17.500	12138	0.390	0.278	0.2	0.1
10YR-72HR	G-DET 8E	BASE	40.00	13.247	17.500	141	0.341	1.737	0.6	2.0
10YR-72HR	GA-8ED	BASE	40.00	13.246	17.500	16411	1.737	0.143	2.0	0.2
10YR-72HR	GB-CS 28	BASE	40.00	13.245	17.500	4430	0.199	0.167	0.2	0.1
10YR-72HR	H-DET 8W	BASE	40.00	13.245	17.500	141	0.404	-0.957	0.7	-0.5
10YR-72HR	HA-8WD	BASE	40.00	13.246	17.500	18341	-1.013	0.228	-0.5	0.2
10YR-72HR	HB-CS 5	BASE	40.00	13.245	17.500	6359	0.228	0.167	0.2	0.1
10YR-72HR	I-BLDG B	BASE	40.00	12.750	17.500	215	0.224	1.382	0.4	3.4
10YR-72HR	IA-3	BASE	40.00	12.743	17.500	363	7.557	-3.558	19.2	-11.1
10YR-72HR	J-BLDG A	BASE	40.00	12.750	17.500	215	0.395	-0.561	0.6	-1.9
10YR-72HR	JA-1	BASE	40.00	12.751	17.500	389	-4.119	4.869	-13.0	15.4
10YR-72HR	K-LAKE-2	BASE	40.00	12.746	17.500	89859	-4.585	0.387	-21.7	0.5
10YR-72HR	KA-21	BASE	40.00	12.739	17.500	293	4.869	-11.823	15.4	-50.9
10YR-72HR	L-LAKE 1	BASE	40.00	12.747	17.500	246133	-5.946	0.000	-28.1	0.0
10YR-72HR	M-LAKE 3	BASE	40.00	12.744	17.500	106134	9.515	0.475	19.3	0.6
10YR-72HR	N-PreDev	BASE	40.00	14.863	18.000	740117	3.000	0.000	3.1	0.0
10YR-72HR	O-CANAL	BASE	40.00	10.700	14.500	0	0.861	0.000	1.1	0.0
10YR-72HR	A-DET 6	BASE	42.00	13.085	17.500	315	0.358	0.355	0.6	0.6
10YR-72HR	AA-6D	BASE	42.00	13.085	17.500	22421	0.355	0.156	0.6	0.3
10YR-72HR	AB-65	BASE	42.00	13.085	17.500	11827	0.111	0.000	0.4	0.0
10YR-72HR	AC-63	BASE	42.00	13.085	17.500	10952	-0.084	-0.180	0.0	-0.3
10YR-72HR	B-DET 5E	BASE	42.00	13.085	17.500	137	0.510	0.510	0.9	0.9
10YR-72HR	BA-5ED	BASE	42.00	13.085	17.500	30903	0.510	0.255	0.9	0.5
10YR-72HR	BB-56	BASE	42.00	13.085	17.500	8630	0.092	0.000	0.5	0.2
10YR-72HR	C-DET 5W	BASE	42.00	13.084	17.500	143	0.551	-1.929	1.0	-2.7
10YR-72HR	CA-5WD	BASE	42.00	13.085	17.500	31730	-1.766	0.450	-2.7	0.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	CB-54	BASE	42.00	13.085	17.500	9339	0.450	0.361	0.3	0.2
10YR-72HR	D-DET 4N	BASE	42.00	13.085	17.500	426	0.150	0.147	0.3	0.3
10YR-72HR	DA-DET 4	BASE	42.00	13.084	17.500	24605	0.580	0.365	0.5	0.2
10YR-72HR	E-DET 7E	BASE	42.00	13.086	17.500	137	0.392	1.158	0.7	0.8
10YR-72HR	EA-7ED	BASE	42.00	13.085	17.500	26446	1.158	0.140	0.8	0.3
10YR-72HR	EB-ME 104	BASE	42.00	13.085	17.500	7477	0.061	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	42.00	12.786	17.500	174	0.129	15.348	0.1	37.2
10YR-72HR	F-DET 7W	BASE	42.00	13.084	17.500	143	0.597	-1.863	1.1	-2.3
10YR-72HR	FA-7WD	BASE	42.00	13.085	17.500	31055	-1.964	0.246	-2.6	0.0
10YR-72HR	FB-7WD	BASE	42.00	13.085	17.500	537	0.169	0.164	0.3	0.3
10YR-72HR	FC-CS 4	BASE	42.00	13.085	17.500	12282	0.410	0.296	0.3	0.1
10YR-72HR	G-DET 8E	BASE	42.00	13.276	17.500	141	0.346	1.809	0.6	2.3
10YR-72HR	GA-8ED	BASE	42.00	13.274	17.500	16571	1.809	0.300	2.3	0.2
10YR-72HR	GB-CS 28	BASE	42.00	13.273	17.500	4472	0.364	0.367	0.3	0.2
10YR-72HR	H-DET 8W	BASE	42.00	13.273	17.500	141	0.410	-1.015	0.7	-0.6
10YR-72HR	HA-8WD	BASE	42.00	13.274	17.500	18519	-1.079	0.371	-0.7	0.3
10YR-72HR	HB-CS 5	BASE	42.00	13.273	17.500	6420	0.371	0.365	0.3	0.2
10YR-72HR	I-BLDG B	BASE	42.00	12.778	17.500	215	0.228	1.433	0.4	3.6
10YR-72HR	IA-3	BASE	42.00	12.772	17.500	364	7.670	-3.513	20.4	-11.7
10YR-72HR	J-BLDG A	BASE	42.00	12.778	17.500	215	0.401	-0.598	0.7	-2.0
10YR-72HR	JA-1	BASE	42.00	12.779	17.500	389	-4.111	4.931	-13.6	16.2
10YR-72HR	K-LAKE-2	BASE	42.00	12.774	17.500	89993	-4.470	0.438	-22.4	0.6
10YR-72HR	KA-21	BASE	42.00	12.768	17.500	293	4.931	-11.770	16.2	-52.8
10YR-72HR	L-LAKE 1	BASE	42.00	12.775	17.500	246436	-5.763	0.000	-29.0	0.0
10YR-72HR	M-LAKE 3	BASE	42.00	12.774	17.500	106186	9.680	0.543	20.9	0.7
10YR-72HR	N-PreDev	BASE	42.00	14.892	18.000	798825	3.158	0.000	3.6	0.0
10YR-72HR	O-CANAL	BASE	42.00	11.010	14.500	0	0.980	0.000	1.3	0.0
10YR-72HR	A-DET 6	BASE	44.00	13.148	17.500	315	0.363	0.360	0.7	0.7
10YR-72HR	AA-6D	BASE	44.00	13.148	17.500	22706	0.360	0.160	0.7	0.3
10YR-72HR	AB-65	BASE	44.00	13.148	17.500	11977	0.108	0.000	0.4	0.0
10YR-72HR	AC-63	BASE	44.00	13.148	17.500	11089	-0.084	-0.180	0.0	-0.4
10YR-72HR	B-DET 5E	BASE	44.00	13.149	17.500	137	0.517	1.194	1.0	1.1
10YR-72HR	BA-5ED	BASE	44.00	13.148	17.500	31240	1.194	0.162	1.1	0.5
10YR-72HR	BB-56	BASE	44.00	13.148	17.500	8722	0.000	0.000	0.5	0.2
10YR-72HR	C-DET 5W	BASE	44.00	13.146	17.500	143	0.559	-2.137	1.1	-3.1
10YR-72HR	CA-5WD	BASE	44.00	13.148	17.500	32077	-1.975	0.468	-3.0	0.4
10YR-72HR	CB-54	BASE	44.00	13.147	17.500	9440	0.468	0.375	0.4	0.2
10YR-72HR	D-DET 4N	BASE	44.00	13.147	17.500	421	0.152	0.149	0.3	0.3
10YR-72HR	DA-DET 4	BASE	44.00	13.147	17.500	24765	0.598	0.383	0.6	0.3
10YR-72HR	E-DET 7E	BASE	44.00	13.149	17.500	137	0.398	1.292	0.8	1.0
10YR-72HR	EA-7ED	BASE	44.00	13.148	17.500	26778	1.292	0.132	1.0	0.3
10YR-72HR	EB-ME 104	BASE	44.00	13.148	17.500	7567	0.059	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	44.00	12.816	17.500	174	0.136	15.356	0.1	39.7
10YR-72HR	F-DET 7W	BASE	44.00	13.146	17.500	143	0.605	-2.071	1.2	-2.7
10YR-72HR	FA-7WD	BASE	44.00	13.148	17.500	31445	-2.177	0.261	-2.9	0.1
10YR-72HR	FB-7WD	BASE	44.00	13.148	17.500	530	0.171	0.166	0.3	0.3
10YR-72HR	FC-CS 4	BASE	44.00	13.148	17.500	12424	0.428	0.311	0.4	0.2
10YR-72HR	G-DET 8E	BASE	44.00	13.277	17.500	141	0.351	1.815	0.7	2.6
10YR-72HR	GA-8ED	BASE	44.00	13.275	17.500	16580	1.815	0.311	2.6	0.3
10YR-72HR	GB-CS 28	BASE	44.00	13.275	17.500	4475	0.377	0.382	0.3	0.2
10YR-72HR	H-DET 8W	BASE	44.00	13.275	17.500	141	0.416	-1.010	0.8	-0.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	44.00	13.275	17.500	18529	-1.077	0.383	-0.8	0.3
10YR-72HR	HB-CS 5	BASE	44.00	13.275	17.500	6423	0.383	0.379	0.3	0.2
10YR-72HR	I-BLDG B	BASE	44.00	12.809	17.500	216	0.231	1.487	0.4	3.8
10YR-72HR	IA-3	BASE	44.00	12.802	17.500	364	7.697	-3.548	21.7	-12.2
10YR-72HR	J-BLDG A	BASE	44.00	12.808	17.500	216	0.406	-0.639	0.8	-2.1
10YR-72HR	JA-1	BASE	44.00	12.810	17.500	390	-4.187	4.916	-14.3	17.0
10YR-72HR	K-LAKE-2	BASE	44.00	12.805	17.500	90136	-4.422	0.493	-23.1	0.7
10YR-72HR	KA-21	BASE	44.00	12.798	17.500	293	4.916	-11.792	17.0	-54.8
10YR-72HR	L-LAKE 1	BASE	44.00	12.805	17.500	246765	-5.778	0.000	-30.0	0.0
10YR-72HR	M-LAKE 3	BASE	44.00	12.804	17.500	106240	9.733	0.616	22.5	0.8
10YR-72HR	N-PreDev	BASE	44.00	14.920	18.000	856084	3.301	0.000	4.1	0.0
10YR-72HR	O-CANAL	BASE	44.00	11.320	14.500	0	1.109	0.000	1.5	0.0
10YR-72HR	A-DET 6	BASE	46.00	13.210	17.500	314	0.367	0.364	0.8	0.8
10YR-72HR	AA-6D	BASE	46.00	13.209	17.500	22988	0.364	0.164	0.8	0.4
10YR-72HR	AB-65	BASE	46.00	13.209	17.500	12124	0.107	0.000	0.4	0.0
10YR-72HR	AC-63	BASE	46.00	13.209	17.500	11224	-0.085	-0.181	-0.0	-0.4
10YR-72HR	B-DET 5E	BASE	46.00	13.211	17.500	137	0.523	1.386	1.1	1.3
10YR-72HR	BA-5ED	BASE	46.00	13.209	17.500	31573	1.386	0.161	1.3	0.5
10YR-72HR	BB-56	BASE	46.00	13.209	17.500	8812	0.000	0.000	0.5	0.2
10YR-72HR	C-DET 5W	BASE	46.00	13.208	17.500	143	0.565	-2.350	1.2	-3.5
10YR-72HR	CA-5WD	BASE	46.00	13.209	17.500	32419	-2.189	0.485	-3.4	0.4
10YR-72HR	CB-54	BASE	46.00	13.209	17.500	9539	0.485	0.388	0.4	0.3
10YR-72HR	D-DET 4N	BASE	46.00	13.209	17.500	415	0.154	0.151	0.3	0.3
10YR-72HR	DA-DET 4	BASE	46.00	13.209	17.500	24922	0.614	0.401	0.7	0.3
10YR-72HR	E-DET 7E	BASE	46.00	13.211	17.500	137	0.402	1.424	0.8	1.2
10YR-72HR	EA-7ED	BASE	46.00	13.210	17.500	27106	1.424	0.108	1.2	0.4
10YR-72HR	EB-ME 104	BASE	46.00	13.210	17.500	7655	0.054	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	46.00	12.845	17.500	174	0.143	15.360	0.1	42.3
10YR-72HR	F-DET 7W	BASE	46.00	13.208	17.500	143	0.612	-2.285	1.3	-3.0
10YR-72HR	FA-7WD	BASE	46.00	13.210	17.500	31831	-2.413	0.277	-3.3	0.1
10YR-72HR	FB-7WD	BASE	46.00	13.210	17.500	522	0.173	0.169	0.4	0.3
10YR-72HR	FC-CS 4	BASE	46.00	13.210	17.500	12562	0.446	0.325	0.4	0.2
10YR-72HR	G-DET 8E	BASE	46.00	13.278	17.500	141	0.355	1.819	0.7	2.9
10YR-72HR	GA-8ED	BASE	46.00	13.276	17.500	16584	1.819	0.315	2.9	0.3
10YR-72HR	GB-CS 28	BASE	46.00	13.276	17.500	4476	0.382	0.387	0.4	0.3
10YR-72HR	H-DET 8W	BASE	46.00	13.276	17.500	141	0.421	-1.004	0.9	-1.0
10YR-72HR	HA-8WD	BASE	46.00	13.276	17.500	18534	-1.072	0.388	-1.0	0.4
10YR-72HR	HB-CS 5	BASE	46.00	13.275	17.500	6425	0.388	0.384	0.4	0.3
10YR-72HR	I-BLDG B	BASE	46.00	12.838	17.500	216	0.234	1.539	0.5	4.1
10YR-72HR	IA-3	BASE	46.00	12.831	17.500	364	7.706	-3.596	23.0	-12.8
10YR-72HR	J-BLDG A	BASE	46.00	12.838	17.500	216	0.411	-0.680	0.8	-2.2
10YR-72HR	JA-1	BASE	46.00	12.839	17.500	390	-4.276	4.887	-15.0	17.8
10YR-72HR	K-LAKE-2	BASE	46.00	12.834	17.500	90274	-4.379	0.548	-23.9	0.8
10YR-72HR	KA-21	BASE	46.00	12.828	17.500	293	4.887	-11.829	17.8	-56.7
10YR-72HR	L-LAKE 1	BASE	46.00	12.835	17.500	247084	-5.815	0.000	-31.0	0.0
10YR-72HR	M-LAKE 3	BASE	46.00	12.832	17.500	106292	9.787	0.690	24.1	0.9
10YR-72HR	N-PreDev	BASE	46.00	14.948	18.000	911954	3.433	0.000	4.7	0.0
10YR-72HR	O-CANAL	BASE	46.00	11.630	14.500	0	1.238	0.000	1.7	0.0
10YR-72HR	A-DET 6	BASE	48.00	13.269	17.500	312	0.371	0.369	0.8	0.8
10YR-72HR	AA-6D	BASE	48.00	13.269	17.500	23258	0.369	0.182	0.8	0.4
10YR-72HR	AB-65	BASE	48.00	13.269	17.500	12265	0.110	0.000	0.4	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	48.00	13.269	17.500	11352	-0.109	-0.184	-0.0	-0.4
10YR-72HR	B-DET 5E	BASE	48.00	13.270	17.500	137	0.529	1.541	1.2	1.5
10YR-72HR	BA-5ED	BASE	48.00	13.269	17.500	31893	1.541	0.176	1.5	0.6
10YR-72HR	BB-56	BASE	48.00	13.269	17.500	8898	0.000	0.110	0.5	0.2
10YR-72HR	C-DET 5W	BASE	48.00	13.267	17.500	143	0.571	-2.562	1.3	-3.9
10YR-72HR	CA-5WD	BASE	48.00	13.269	17.500	32747	-2.387	0.574	-3.8	0.5
10YR-72HR	CB-54	BASE	48.00	13.268	17.500	9634	0.574	0.491	0.5	0.4
10YR-72HR	D-DET 4N	BASE	48.00	13.268	17.500	409	0.156	0.153	0.3	0.3
10YR-72HR	DA-DET 4	BASE	48.00	13.268	17.500	25070	0.720	0.555	0.9	0.4
10YR-72HR	E-DET 7E	BASE	48.00	13.270	17.500	137	0.407	1.552	0.9	1.5
10YR-72HR	EA-7ED	BASE	48.00	13.269	17.500	27420	1.552	0.112	1.5	0.4
10YR-72HR	EB-ME 104	BASE	48.00	13.269	17.500	7738	0.034	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	48.00	12.874	17.500	174	0.291	15.494	0.1	44.8
10YR-72HR	F-DET 7W	BASE	48.00	13.267	17.500	143	0.619	-2.498	1.4	-3.4
10YR-72HR	FA-7WD	BASE	48.00	13.269	17.500	32199	-2.604	0.405	-3.7	0.2
10YR-72HR	FB-7WD	BASE	48.00	13.269	17.500	513	0.175	0.171	0.4	0.4
10YR-72HR	FC-CS 4	BASE	48.00	13.269	17.500	12693	0.576	0.479	0.5	0.3
10YR-72HR	G-DET 8E	BASE	48.00	13.279	17.500	141	0.359	1.822	0.8	3.2
10YR-72HR	GA-8ED	BASE	48.00	13.277	17.500	16588	1.822	0.318	3.2	0.4
10YR-72HR	GB-CS 28	BASE	48.00	13.276	17.500	4477	0.387	0.391	0.5	0.4
10YR-72HR	H-DET 8W	BASE	48.00	13.276	17.500	141	0.425	-0.998	0.9	-1.1
10YR-72HR	HA-8WD	BASE	48.00	13.277	17.500	18538	-1.067	0.392	-1.2	0.5
10YR-72HR	HB-CS 5	BASE	48.00	13.276	17.500	6426	0.392	0.388	0.5	0.3
10YR-72HR	I-BLDG B	BASE	48.00	12.867	17.500	216	0.236	1.591	0.5	4.3
10YR-72HR	IA-3	BASE	48.00	12.861	17.500	364	7.747	-3.615	24.3	-13.4
10YR-72HR	J-BLDG A	BASE	48.00	12.867	17.500	216	0.416	-0.723	0.9	-2.3
10YR-72HR	JA-1	BASE	48.00	12.868	17.500	390	-4.338	4.884	-15.7	18.6
10YR-72HR	K-LAKE-2	BASE	48.00	12.863	17.500	90410	-4.258	0.602	-24.6	0.8
10YR-72HR	KA-21	BASE	48.00	12.857	17.500	293	4.884	-11.822	18.6	-58.7
10YR-72HR	L-LAKE 1	BASE	48.00	12.864	17.500	247402	-5.611	0.000	-31.9	0.0
10YR-72HR	M-LAKE 3	BASE	48.00	12.861	17.500	106344	9.939	0.767	25.8	1.0
10YR-72HR	N-PreDev	BASE	48.00	14.974	18.000	966511	3.554	0.000	5.3	0.0
10YR-72HR	O-CANAL	BASE	48.00	11.940	14.500	0	1.369	0.000	1.9	0.0
10YR-72HR	A-DET 6	BASE	50.00	13.301	17.500	311	0.425	0.424	0.9	0.9
10YR-72HR	AA-6D	BASE	50.00	13.301	17.500	23405	0.424	0.370	0.9	0.4
10YR-72HR	AB-65	BASE	50.00	13.301	17.500	12342	0.028	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	50.00	13.301	17.500	11423	-0.205	-0.231	-0.0	-0.5
10YR-72HR	B-DET 5E	BASE	50.00	13.303	17.500	137	0.606	1.580	1.3	1.8
10YR-72HR	BA-5ED	BASE	50.00	13.301	17.500	32068	1.580	0.495	1.8	0.6
10YR-72HR	BB-56	BASE	50.00	13.301	17.500	8945	0.248	0.245	0.5	0.2
10YR-72HR	C-DET 5W	BASE	50.00	13.299	17.500	143	0.655	-2.569	1.4	-4.3
10YR-72HR	CA-5WD	BASE	50.00	13.301	17.500	32927	-2.322	0.865	-4.2	0.6
10YR-72HR	CB-54	BASE	50.00	13.301	17.500	9686	0.865	0.830	0.6	0.5
10YR-72HR	D-DET 4N	BASE	50.00	13.300	17.500	405	0.179	0.178	0.4	0.4
10YR-72HR	DA-DET 4	BASE	50.00	13.300	17.500	25150	1.094	1.039	1.0	0.5
10YR-72HR	E-DET 7E	BASE	50.00	13.303	17.500	137	0.466	1.632	1.0	1.7
10YR-72HR	EA-7ED	BASE	50.00	13.301	17.500	27592	1.632	0.354	1.7	0.4
10YR-72HR	EB-ME 104	BASE	50.00	13.301	17.500	7784	-0.001	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	50.00	12.924	17.500	174	0.792	15.937	0.2	47.4
10YR-72HR	F-DET 7W	BASE	50.00	13.300	17.500	143	0.709	-2.492	1.5	-3.8
10YR-72HR	FA-7WD	BASE	50.00	13.301	17.500	32401	-2.367	0.802	-4.1	0.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	FB-7WD	BASE	50.00	13.301	17.500	508	0.200	0.199	0.4	0.4
10YR-72HR	FC-CS 4	BASE	50.00	13.301	17.500	12764	1.001	0.966	0.7	0.4
10YR-72HR	G-DET 8E	BASE	50.00	13.283	17.500	141	0.411	1.856	0.9	3.5
10YR-72HR	GA-8ED	BASE	50.00	13.281	17.500	16613	1.856	0.363	3.5	0.5
10YR-72HR	GB-CS 28	BASE	50.00	13.281	17.500	4483	0.441	0.444	0.5	0.4
10YR-72HR	H-DET 8W	BASE	50.00	13.281	17.500	141	0.487	-0.903	1.0	-1.3
10YR-72HR	HA-8WD	BASE	50.00	13.281	17.500	18566	-0.981	0.445	-1.4	0.5
10YR-72HR	HB-CS 5	BASE	50.00	13.280	17.500	6436	0.445	0.441	0.5	0.4
10YR-72HR	I-BLDG B	BASE	50.00	12.917	17.500	216	0.271	1.707	0.6	4.6
10YR-72HR	IA-3	BASE	50.00	12.911	17.500	365	7.944	-3.517	25.5	-14.0
10YR-72HR	J-BLDG A	BASE	50.00	12.917	17.500	216	0.476	-0.717	1.0	-2.4
10YR-72HR	JA-1	BASE	50.00	12.918	17.500	390	-4.234	5.035	-16.5	19.4
10YR-72HR	K-LAKE-2	BASE	50.00	12.911	17.500	90637	-3.796	0.690	-25.3	1.0
10YR-72HR	KA-21	BASE	50.00	12.906	17.500	293	5.035	-11.572	19.4	-60.6
10YR-72HR	L-LAKE 1	BASE	50.00	12.914	17.500	247935	-4.725	0.000	-32.8	0.0
10YR-72HR	M-LAKE 3	BASE	50.00	12.911	17.500	106433	10.383	0.905	27.4	1.2
10YR-72HR	N-PreDev	BASE	50.00	15.002	18.000	1021760	3.965	0.000	5.9	0.0
10YR-72HR	O-CANAL	BASE	50.00	12.250	14.500	0	1.595	0.000	2.1	0.0
10YR-72HR	A-DET 6	BASE	51.00	13.312	17.500	311	0.504	0.504	0.9	0.9
10YR-72HR	AA-6D	BASE	51.00	13.311	17.500	23452	0.504	0.446	0.9	0.5
10YR-72HR	AB-65	BASE	51.00	13.312	17.500	12367	0.030	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	51.00	13.312	17.500	11445	-0.255	-0.283	-0.1	-0.5
10YR-72HR	B-DET 5E	BASE	51.00	13.312	17.500	137	0.719	0.721	1.3	1.9
10YR-72HR	BA-5ED	BASE	51.00	13.312	17.500	32124	0.721	0.625	1.9	0.7
10YR-72HR	BB-56	BASE	51.00	13.312	17.500	8960	0.343	0.322	0.5	0.2
10YR-72HR	C-DET 5W	BASE	51.00	13.310	17.500	143	0.777	-2.431	1.4	-4.5
10YR-72HR	CA-5WD	BASE	51.00	13.312	17.500	32985	-2.149	1.009	-4.3	0.7
10YR-72HR	CB-54	BASE	51.00	13.311	17.500	9703	1.009	0.973	0.7	0.5
10YR-72HR	D-DET 4N	BASE	51.00	13.311	17.500	403	0.212	0.211	0.4	0.4
10YR-72HR	DA-DET 4	BASE	51.00	13.310	17.500	25175	1.286	1.227	1.1	0.6
10YR-72HR	E-DET 7E	BASE	51.00	13.314	17.500	137	0.553	1.646	1.0	1.9
10YR-72HR	EA-7ED	BASE	51.00	13.312	17.500	27648	1.646	0.445	1.9	0.5
10YR-72HR	EB-ME 104	BASE	51.00	13.312	17.500	7799	0.004	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	51.00	12.959	17.500	174	0.993	16.095	0.3	48.8
10YR-72HR	F-DET 7W	BASE	51.00	13.310	17.500	143	0.842	-2.332	1.5	-4.0
10YR-72HR	FA-7WD	BASE	51.00	13.312	17.500	32466	-2.175	0.956	-4.3	0.3
10YR-72HR	FB-7WD	BASE	51.00	13.311	17.500	506	0.238	0.237	0.4	0.4
10YR-72HR	FC-CS 4	BASE	51.00	13.311	17.500	12787	1.193	1.157	0.7	0.5
10YR-72HR	G-DET 8E	BASE	51.00	13.288	17.500	141	0.488	1.893	0.9	3.7
10YR-72HR	GA-8ED	BASE	51.00	13.286	17.500	16642	1.893	0.436	3.7	0.5
10YR-72HR	GB-CS 28	BASE	51.00	13.286	17.500	4491	0.515	0.515	0.6	0.5
10YR-72HR	H-DET 8W	BASE	51.00	13.286	17.500	141	0.578	-0.742	1.1	-1.4
10YR-72HR	HA-8WD	BASE	51.00	13.286	17.500	18599	-0.821	0.518	-1.4	0.6
10YR-72HR	HB-CS 5	BASE	51.00	13.285	17.500	6447	0.518	0.510	0.6	0.5
10YR-72HR	I-BLDG B	BASE	51.00	12.952	17.500	216	0.321	1.806	0.6	4.8
10YR-72HR	IA-3	BASE	51.00	12.945	17.500	365	8.045	-3.467	26.2	-14.3
10YR-72HR	J-BLDG A	BASE	51.00	12.951	17.500	216	0.565	-0.639	1.0	-2.5
10YR-72HR	JA-1	BASE	51.00	12.952	17.500	390	-4.106	5.154	-16.8	19.8
10YR-72HR	K-LAKE-2	BASE	51.00	12.944	17.500	90792	-3.540	0.743	-25.6	1.0
10YR-72HR	KA-21	BASE	51.00	12.939	17.500	293	5.154	-11.390	19.8	-61.6
10YR-72HR	L-LAKE 1	BASE	51.00	12.947	17.500	248295	-4.254	0.000	-33.1	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	51.00	12.944	17.500	106494	10.650	0.998	28.3	1.2
10YR-72HR	N-PreDev	BASE	51.00	15.016	18.000	1051066	4.379	0.000	6.2	0.0
10YR-72HR	O-CANAL	BASE	51.00	12.405	14.500	0	1.741	0.000	2.3	0.0
10YR-72HR	A-DET 6	BASE	52.00	13.321	17.500	311	0.553	0.553	1.0	1.0
10YR-72HR	AA-6D	BASE	52.00	13.320	17.500	23492	0.553	0.507	1.0	0.5
10YR-72HR	AB-65	BASE	52.00	13.320	17.500	12387	0.023	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	52.00	13.320	17.500	11464	-0.297	-0.318	-0.1	-0.5
10YR-72HR	B-DET 5E	BASE	52.00	13.321	17.500	137	0.789	0.790	1.4	2.0
10YR-72HR	BA-5ED	BASE	52.00	13.320	17.500	32172	0.790	0.713	2.0	0.7
10YR-72HR	BB-56	BASE	52.00	13.320	17.500	8973	0.408	0.392	0.6	0.3
10YR-72HR	C-DET 5W	BASE	52.00	13.319	17.500	143	0.853	-2.350	1.5	-4.7
10YR-72HR	CA-5WD	BASE	52.00	13.320	17.500	33033	-2.045	1.122	-4.5	0.8
10YR-72HR	CB-54	BASE	52.00	13.320	17.500	9717	1.122	1.093	0.8	0.6
10YR-72HR	D-DET 4N	BASE	52.00	13.319	17.500	402	0.233	0.232	0.4	0.4
10YR-72HR	DA-DET 4	BASE	52.00	13.319	17.500	25197	1.437	1.391	1.2	0.7
10YR-72HR	E-DET 7E	BASE	52.00	13.322	17.500	137	0.607	1.640	1.1	2.0
10YR-72HR	EA-7ED	BASE	52.00	13.320	17.500	27694	1.640	0.519	2.0	0.5
10YR-72HR	EB-ME 104	BASE	52.00	13.320	17.500	7811	0.002	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	52.00	12.999	17.500	174	1.173	16.244	0.4	50.1
10YR-72HR	F-DET 7W	BASE	52.00	13.319	17.500	143	0.923	-2.237	1.6	-4.2
10YR-72HR	FA-7WD	BASE	52.00	13.320	17.500	32520	-2.037	1.092	-4.5	0.4
10YR-72HR	FB-7WD	BASE	52.00	13.319	17.500	505	0.261	0.260	0.5	0.4
10YR-72HR	FC-CS 4	BASE	52.00	13.319	17.500	12805	1.352	1.323	0.9	0.6
10YR-72HR	G-DET 8E	BASE	52.00	13.293	17.500	141	0.536	1.911	0.9	3.8
10YR-72HR	GA-8ED	BASE	52.00	13.291	17.500	16666	1.911	0.494	3.8	0.5
10YR-72HR	GB-CS 28	BASE	52.00	13.290	17.500	4497	0.572	0.573	0.6	0.5
10YR-72HR	H-DET 8W	BASE	52.00	13.290	17.500	141	0.634	-0.630	1.1	-1.4
10YR-72HR	HA-8WD	BASE	52.00	13.291	17.500	18625	-0.709	0.573	-1.5	0.6
10YR-72HR	HB-CS 5	BASE	52.00	13.289	17.500	6455	0.573	0.567	0.6	0.5
10YR-72HR	I-BLDG B	BASE	52.00	12.992	17.500	216	0.352	1.903	0.6	4.9
10YR-72HR	IA-3	BASE	52.00	12.986	17.500	365	8.174	-3.414	26.9	-14.6
10YR-72HR	J-BLDG A	BASE	52.00	12.991	17.500	216	0.620	-0.623	1.1	-2.5
10YR-72HR	JA-1	BASE	52.00	12.992	17.500	390	-4.037	5.249	-17.1	20.3
10YR-72HR	K-LAKE-2	BASE	52.00	12.984	17.500	90978	-3.352	0.752	-25.8	1.1
10YR-72HR	KA-21	BASE	52.00	12.979	17.500	293	5.249	-11.244	20.3	-62.5
10YR-72HR	L-LAKE 1	BASE	52.00	12.987	17.500	248723	-3.833	0.000	-33.5	0.0
10YR-72HR	M-LAKE 3	BASE	52.00	12.985	17.500	106566	10.854	1.054	29.2	1.3
10YR-72HR	N-PreDev	BASE	52.00	15.032	18.000	1082944	4.908	0.000	6.6	0.0
10YR-72HR	O-CANAL	BASE	52.00	12.560	14.500	0	1.807	0.000	2.4	0.0
10YR-72HR	A-DET 6	BASE	53.00	13.335	17.500	310	0.725	0.724	1.0	1.0
10YR-72HR	AA-6D	BASE	53.00	13.335	17.500	23557	0.724	0.639	1.0	0.5
10YR-72HR	AB-65	BASE	53.00	13.335	17.500	12422	0.044	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	53.00	13.335	17.500	11495	-0.388	-0.428	-0.1	-0.5
10YR-72HR	B-DET 5E	BASE	53.00	13.336	17.500	137	1.034	1.034	1.5	2.0
10YR-72HR	BA-5ED	BASE	53.00	13.335	17.500	32251	1.034	0.905	2.0	0.8
10YR-72HR	BB-56	BASE	53.00	13.335	17.500	8994	0.550	0.518	0.6	0.3
10YR-72HR	C-DET 5W	BASE	53.00	13.334	17.500	143	1.117	-1.963	1.6	-4.9
10YR-72HR	CA-5WD	BASE	53.00	13.335	17.500	33114	-1.609	1.376	-4.7	0.9
10YR-72HR	CB-54	BASE	53.00	13.334	17.500	9740	1.376	1.333	0.9	0.7
10YR-72HR	D-DET 4N	BASE	53.00	13.333	17.500	400	0.305	0.303	0.4	0.4
10YR-72HR	DA-DET 4	BASE	53.00	13.333	17.500	25231	1.782	1.695	1.4	0.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	E-DET 7E	BASE	53.00	13.335	17.500	137	0.795	0.795	1.1	2.1
10YR-72HR	EA-7ED	BASE	53.00	13.335	17.500	27772	0.795	0.681	2.1	0.5
10YR-72HR	EB-ME 104	BASE	53.00	13.335	17.500	7832	0.027	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	53.00	13.052	17.500	174	1.502	16.494	0.5	51.4
10YR-72HR	F-DET 7W	BASE	53.00	13.334	17.500	143	1.210	-1.788	1.7	-4.4
10YR-72HR	FA-7WD	BASE	53.00	13.335	17.500	32611	-1.562	1.342	-4.6	0.5
10YR-72HR	FB-7WD	BASE	53.00	13.334	17.500	502	0.342	0.340	0.5	0.5
10YR-72HR	FC-CS 4	BASE	53.00	13.333	17.500	12836	1.682	1.634	1.0	0.7
10YR-72HR	G-DET 8E	BASE	53.00	13.303	17.500	141	0.702	1.898	1.0	4.0
10YR-72HR	GA-8ED	BASE	53.00	13.301	17.500	16724	1.898	0.663	4.0	0.6
10YR-72HR	GB-CS 28	BASE	53.00	13.299	17.500	4512	0.739	0.735	0.7	0.6
10YR-72HR	H-DET 8W	BASE	53.00	13.301	17.500	141	0.831	0.829	1.2	-1.4
10YR-72HR	HA-8WD	BASE	53.00	13.301	17.500	18690	0.753	0.734	-1.5	0.7
10YR-72HR	HB-CS 5	BASE	53.00	13.299	17.500	6476	0.734	0.724	0.7	0.6
10YR-72HR	I-BLDG B	BASE	53.00	13.046	17.500	216	0.462	2.075	0.6	5.1
10YR-72HR	IA-3	BASE	53.00	13.038	17.500	365	8.407	-3.219	27.6	-14.9
10YR-72HR	J-BLDG A	BASE	53.00	13.044	17.500	216	0.813	-0.378	1.1	-2.6
10YR-72HR	JA-1	BASE	53.00	13.044	17.500	390	-3.597	5.511	-17.4	20.7
10YR-72HR	K-LAKE-2	BASE	53.00	13.034	17.500	91214	-2.952	0.737	-26.1	1.1
10YR-72HR	KA-21	BASE	53.00	13.030	17.500	293	5.511	-10.794	20.7	-63.4
10YR-72HR	L-LAKE 1	BASE	53.00	13.037	17.500	249261	-2.797	0.000	-33.7	0.0
10YR-72HR	M-LAKE 3	BASE	53.00	13.037	17.500	106660	11.293	1.082	30.1	1.4
10YR-72HR	N-PreDev	BASE	53.00	15.049	18.000	1118442	5.873	0.000	7.1	0.0
10YR-72HR	O-CANAL	BASE	53.00	12.715	14.500	0	1.819	0.000	2.6	0.0
10YR-72HR	A-DET 6	BASE	54.00	13.353	17.500	310	0.899	0.898	1.1	1.1
10YR-72HR	AA-6D	BASE	54.00	13.352	17.500	23638	0.898	0.804	1.1	0.6
10YR-72HR	AB-65	BASE	54.00	13.353	17.500	12464	0.049	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	54.00	13.353	17.500	11534	-0.501	-0.546	-0.2	-0.6
10YR-72HR	B-DET 5E	BASE	54.00	13.354	17.500	137	1.283	1.283	1.5	2.1
10YR-72HR	BA-5ED	BASE	54.00	13.353	17.500	32349	1.283	1.141	2.1	0.9
10YR-72HR	BB-56	BASE	54.00	13.353	17.500	9020	0.726	0.690	0.6	0.4
10YR-72HR	C-DET 5W	BASE	54.00	13.353	17.500	143	1.386	-1.503	1.7	-5.0
10YR-72HR	CA-5WD	BASE	54.00	13.353	17.500	33214	-1.088	1.688	-4.8	1.0
10YR-72HR	CB-54	BASE	54.00	13.352	17.500	9768	1.688	1.641	1.0	0.8
10YR-72HR	D-DET 4N	BASE	54.00	13.351	17.500	398	0.378	0.377	0.5	0.5
10YR-72HR	DA-DET 4	BASE	54.00	13.350	17.500	25274	2.199	2.103	1.5	1.0
10YR-72HR	E-DET 7E	BASE	54.00	13.354	17.500	137	0.986	0.986	1.2	2.2
10YR-72HR	EA-7ED	BASE	54.00	13.353	17.500	27867	0.986	0.864	2.2	0.6
10YR-72HR	EB-ME 104	BASE	54.00	13.353	17.500	7857	0.031	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	54.00	13.122	17.500	174	1.945	16.845	0.6	52.8
10YR-72HR	F-DET 7W	BASE	54.00	13.353	17.500	143	1.501	-1.228	1.8	-4.5
10YR-72HR	FA-7WD	BASE	54.00	13.353	17.500	32723	-0.940	1.677	-4.7	0.6
10YR-72HR	FB-7WD	BASE	54.00	13.351	17.500	499	0.424	0.422	0.5	0.5
10YR-72HR	FC-CS 4	BASE	54.00	13.351	17.500	12874	2.099	2.048	1.1	0.9
10YR-72HR	G-DET 8E	BASE	54.00	13.312	17.500	141	0.871	0.871	1.1	4.1
10YR-72HR	GA-8ED	BASE	54.00	13.312	17.500	16787	0.871	0.844	4.1	0.6
10YR-72HR	GB-CS 28	BASE	54.00	13.310	17.500	4528	0.929	0.923	0.7	0.7
10YR-72HR	H-DET 8W	BASE	54.00	13.313	17.500	141	1.031	1.031	1.2	-1.3
10YR-72HR	HA-8WD	BASE	54.00	13.312	17.500	18760	0.946	0.916	-1.4	0.7
10YR-72HR	HB-CS 5	BASE	54.00	13.309	17.500	6499	0.916	0.907	0.7	0.6
10YR-72HR	I-BLDG B	BASE	54.00	13.116	17.500	216	0.573	2.277	0.7	5.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	54.00	13.108	17.500	364	8.774	-2.865	28.3	-15.1
10YR-72HR	J-BLDG A	BASE	54.00	13.112	17.500	216	1.008	0.326	1.2	-2.6
10YR-72HR	JA-1	BASE	54.00	13.112	17.500	390	-2.539	5.769	-17.7	21.2
10YR-72HR	K-LAKE-2	BASE	54.00	13.100	17.500	91526	-2.415	0.729	-26.3	1.2
10YR-72HR	KA-21	BASE	54.00	13.097	17.500	293	5.769	-10.191	21.2	-64.3
10YR-72HR	L-LAKE 1	BASE	54.00	13.103	17.500	249976	-1.480	0.000	-33.9	0.0
10YR-72HR	M-LAKE 3	BASE	54.00	13.107	17.500	106785	11.765	1.091	31.1	1.5
10YR-72HR	N-PreDev	BASE	54.00	15.070	18.000	1160550	7.296	0.000	7.6	0.0
10YR-72HR	O-CANAL	BASE	54.00	12.870	14.500	0	1.821	0.000	2.7	0.0
10YR-72HR	A-DET 6	BASE	55.00	13.372	17.500	309	1.083	1.082	1.2	1.2
10YR-72HR	AA-6D	BASE	55.00	13.371	17.500	23722	1.082	0.985	1.2	0.7
10YR-72HR	AB-65	BASE	55.00	13.371	17.500	12508	0.050	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	55.00	13.371	17.500	11574	-0.628	-0.674	-0.2	-0.6
10YR-72HR	B-DET 5E	BASE	55.00	13.374	17.500	137	1.545	1.544	1.7	2.2
10YR-72HR	BA-5ED	BASE	55.00	13.373	17.500	32452	1.544	1.401	2.2	1.0
10YR-72HR	BB-56	BASE	55.00	13.372	17.500	9048	0.922	0.885	0.7	0.4
10YR-72HR	C-DET 5W	BASE	55.00	13.372	17.500	143	1.669	-0.857	1.8	-5.1
10YR-72HR	CA-5WD	BASE	55.00	13.372	17.500	33320	-0.378	2.026	-4.8	1.2
10YR-72HR	CB-54	BASE	55.00	13.371	17.500	9799	2.026	1.981	1.2	1.0
10YR-72HR	D-DET 4N	BASE	55.00	13.369	17.500	395	0.455	0.454	0.5	0.5
10YR-72HR	DA-DET 4	BASE	55.00	13.368	17.500	25319	2.653	2.554	1.7	1.2
10YR-72HR	E-DET 7E	BASE	55.00	13.373	17.500	137	1.188	1.187	1.3	2.3
10YR-72HR	EA-7ED	BASE	55.00	13.372	17.500	27968	1.187	1.068	2.3	0.7
10YR-72HR	EB-ME 104	BASE	55.00	13.372	17.500	7884	0.031	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	55.00	13.212	17.500	174	2.447	17.211	0.8	54.2
10YR-72HR	F-DET 7W	BASE	55.00	13.372	17.500	143	1.807	0.000	1.9	-4.5
10YR-72HR	FA-7WD	BASE	55.00	13.372	17.500	32840	0.363	2.049	-4.8	0.8
10YR-72HR	FB-7WD	BASE	55.00	13.369	17.500	495	0.510	0.508	0.6	0.5
10YR-72HR	FC-CS 4	BASE	55.00	13.368	17.500	12914	2.557	2.507	1.3	1.1
10YR-72HR	G-DET 8E	BASE	55.00	13.324	17.500	141	1.048	1.048	1.1	4.2
10YR-72HR	GA-8ED	BASE	55.00	13.323	17.500	16850	1.048	1.021	4.2	0.7
10YR-72HR	GB-CS 28	BASE	55.00	13.320	17.500	4543	1.126	1.119	0.8	0.7
10YR-72HR	H-DET 8W	BASE	55.00	13.324	17.500	141	1.241	1.241	1.3	-1.2
10YR-72HR	HA-8WD	BASE	55.00	13.323	17.500	18830	1.136	1.106	-1.3	0.8
10YR-72HR	HB-CS 5	BASE	55.00	13.319	17.500	6521	1.106	1.096	0.8	0.7
10YR-72HR	I-BLDG B	BASE	55.00	13.205	17.500	216	0.690	2.505	0.7	5.5
10YR-72HR	IA-3	BASE	55.00	13.197	17.500	364	9.218	-2.393	29.0	-15.3
10YR-72HR	J-BLDG A	BASE	55.00	13.200	17.500	216	1.214	0.225	1.3	-2.6
10YR-72HR	JA-1	BASE	55.00	13.200	17.500	389	-2.168	5.946	-17.9	21.7
10YR-72HR	K-LAKE-2	BASE	55.00	13.186	17.500	91931	-1.720	0.669	-26.5	1.3
10YR-72HR	KA-21	BASE	55.00	13.183	17.500	293	5.946	-9.195	21.7	-65.1
10YR-72HR	L-LAKE 1	BASE	55.00	13.189	17.500	250899	0.180	0.000	-34.0	0.0
10YR-72HR	M-LAKE 3	BASE	55.00	13.196	17.500	106946	12.215	1.006	32.1	1.6
10YR-72HR	N-PreDev	BASE	55.00	15.094	18.000	1210796	9.022	0.000	8.3	0.0
10YR-72HR	O-CANAL	BASE	55.00	13.025	14.500	0	1.676	0.000	2.9	0.0
10YR-72HR	A-DET 6	BASE	56.00	13.394	17.500	308	1.269	1.267	1.3	1.3
10YR-72HR	AA-6D	BASE	56.00	13.392	17.500	23819	1.267	0.988	1.3	0.8
10YR-72HR	AB-65	BASE	56.00	13.393	17.500	12558	0.086	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	56.00	13.392	17.500	11620	-0.656	-0.737	-0.3	-0.7
10YR-72HR	B-DET 5E	BASE	56.00	13.396	17.500	137	1.811	1.810	1.8	2.4
10YR-72HR	BA-5ED	BASE	56.00	13.394	17.500	32567	1.810	1.587	2.4	1.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	56.00	13.394	17.500	9079	1.025	0.963	0.8	0.5
10YR-72HR	C-DET 5W	BASE	56.00	13.395	17.500	143	1.956	1.955	2.0	-5.1
10YR-72HR	CA-5WD	BASE	56.00	13.394	17.500	33438	2.517	2.289	-4.7	1.4
10YR-72HR	CB-54	BASE	56.00	13.392	17.500	9832	2.289	2.221	1.4	1.2
10YR-72HR	D-DET 4N	BASE	56.00	13.390	17.500	392	0.533	0.531	0.5	0.5
10YR-72HR	DA-DET 4	BASE	56.00	13.389	17.500	25369	3.008	2.829	1.9	1.4
10YR-72HR	E-DET 7E	BASE	56.00	13.395	17.500	137	1.392	1.391	1.4	2.4
10YR-72HR	EA-7ED	BASE	56.00	13.393	17.500	28081	1.391	1.197	2.4	0.8
10YR-72HR	EB-ME 104	BASE	56.00	13.393	17.500	7913	0.055	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	56.00	13.322	17.500	174	2.521	17.487	1.0	55.7
10YR-72HR	F-DET 7W	BASE	56.00	13.394	17.500	143	2.118	2.117	2.1	-4.5
10YR-72HR	FA-7WD	BASE	56.00	13.393	17.500	32973	2.522	2.294	-4.6	1.0
10YR-72HR	FB-7WD	BASE	56.00	13.390	17.500	491	0.598	0.595	0.6	0.6
10YR-72HR	FC-CS 4	BASE	56.00	13.389	17.500	12959	2.888	2.795	1.6	1.3
10YR-72HR	G-DET 8E	BASE	56.00	13.340	17.500	141	1.229	1.227	1.2	4.3
10YR-72HR	GA-8ED	BASE	56.00	13.340	17.500	16944	1.227	1.083	4.3	0.8
10YR-72HR	GB-CS 28	BASE	56.00	13.337	17.500	4569	1.139	1.097	0.9	0.8
10YR-72HR	H-DET 8W	BASE	56.00	13.341	17.500	141	1.455	1.454	1.5	-1.1
10YR-72HR	HA-8WD	BASE	56.00	13.340	17.500	18934	1.397	1.236	-1.2	0.9
10YR-72HR	HB-CS 5	BASE	56.00	13.335	17.500	6556	1.236	1.177	0.9	0.8
10YR-72HR	I-BLDG B	BASE	56.00	13.314	17.500	214	0.808	2.779	0.8	5.7
10YR-72HR	IA-3	BASE	56.00	13.305	17.500	363	9.731	-1.882	29.8	-15.5
10YR-72HR	J-BLDG A	BASE	56.00	13.307	17.500	214	1.423	0.529	1.4	-2.5
10YR-72HR	JA-1	BASE	56.00	13.307	17.500	388	-1.354	5.908	-18.0	22.2
10YR-72HR	K-LAKE-2	BASE	56.00	13.293	17.500	92432	-1.175	0.560	-26.6	1.3
10YR-72HR	KA-21	BASE	56.00	13.291	17.500	293	5.908	-8.118	22.2	-65.8
10YR-72HR	L-LAKE 1	BASE	56.00	13.295	17.500	252044	1.621	0.000	-33.9	0.0
10YR-72HR	M-LAKE 3	BASE	56.00	13.306	17.500	107143	12.334	0.711	33.1	1.7
10YR-72HR	N-PreDev	BASE	56.00	15.123	18.000	1269726	10.976	0.000	9.1	0.0
10YR-72HR	O-CANAL	BASE	56.00	13.180	14.500	0	1.272	0.000	3.0	0.0
10YR-72HR	A-DET 6	BASE	57.00	13.443	17.500	306	1.494	1.489	1.4	1.4
10YR-72HR	AA-6D	BASE	57.00	13.441	17.500	24039	1.489	0.398	1.4	0.8
10YR-72HR	AB-65	BASE	57.00	13.441	17.500	12673	0.228	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	57.00	13.441	17.500	11724	-0.485	-0.696	-0.3	-0.7
10YR-72HR	B-DET 5E	BASE	57.00	13.444	17.500	137	2.132	2.129	2.0	2.5
10YR-72HR	BA-5ED	BASE	57.00	13.442	17.500	32824	2.129	1.535	2.5	1.2
10YR-72HR	BB-56	BASE	57.00	13.441	17.500	9148	0.913	0.747	0.9	0.6
10YR-72HR	C-DET 5W	BASE	57.00	13.443	17.500	143	2.303	2.300	2.1	-4.9
10YR-72HR	CA-5WD	BASE	57.00	13.441	17.500	33702	2.922	2.311	-4.5	1.6
10YR-72HR	CB-54	BASE	57.00	13.440	17.500	9909	2.311	2.130	1.6	1.3
10YR-72HR	D-DET 4N	BASE	57.00	13.438	17.500	384	0.628	0.621	0.6	0.6
10YR-72HR	DA-DET 4	BASE	57.00	13.437	17.500	25488	3.052	2.576	2.2	1.7
10YR-72HR	E-DET 7E	BASE	57.00	13.443	17.500	137	1.639	1.636	1.5	2.5
10YR-72HR	EA-7ED	BASE	57.00	13.442	17.500	28337	1.636	1.119	2.5	0.9
10YR-72HR	EB-ME 104	BASE	57.00	13.441	17.500	7981	0.146	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	57.00	13.428	17.500	174	1.402	17.387	1.2	57.1
10YR-72HR	F-DET 7W	BASE	57.00	13.443	17.500	143	2.493	2.491	2.3	-4.3
10YR-72HR	FA-7WD	BASE	57.00	13.442	17.500	33275	2.768	2.160	-4.4	1.2
10YR-72HR	FB-7WD	BASE	57.00	13.440	17.500	480	0.704	0.695	0.7	0.6
10YR-72HR	FC-CS 4	BASE	57.00	13.439	17.500	13065	2.855	2.609	1.8	1.5
10YR-72HR	G-DET 8E	BASE	57.00	13.420	17.500	141	1.446	1.443	1.3	4.4

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	GA-8ED	BASE	57.00	13.419	17.500	17391	1.443	0.965	4.4	0.9
10YR-72HR	GB-CS 28	BASE	57.00	13.417	17.500	4689	0.869	0.741	1.0	0.9
10YR-72HR	H-DET 8W	BASE	57.00	13.420	17.500	141	1.713	1.709	1.6	-1.0
10YR-72HR	HA-8WD	BASE	57.00	13.419	17.500	19435	1.805	1.271	-1.1	1.0
10YR-72HR	HB-CS 5	BASE	57.00	13.415	17.500	6729	1.271	1.082	1.0	0.9
10YR-72HR	I-BLDG B	BASE	57.00	13.424	17.500	212	0.952	3.141	0.9	5.9
10YR-72HR	IA-3	BASE	57.00	13.414	17.500	361	9.607	-2.771	30.6	-15.7
10YR-72HR	J-BLDG A	BASE	57.00	13.419	17.500	212	1.675	0.689	1.5	-2.5
10YR-72HR	JA-1	BASE	57.00	13.418	17.500	386	-2.081	6.009	-18.2	22.6
10YR-72HR	K-LAKE-2	BASE	57.00	13.404	17.500	92956	-1.611	0.439	-26.7	1.3
10YR-72HR	KA-21	BASE	57.00	13.401	17.500	293	6.009	-8.861	22.6	-66.5
10YR-72HR	L-LAKE 1	BASE	57.00	13.406	17.500	253242	1.094	0.000	-33.8	0.0
10YR-72HR	M-LAKE 3	BASE	57.00	13.411	17.500	107332	12.489	0.864	34.1	1.7
10YR-72HR	N-PreDev	BASE	57.00	15.157	18.000	1337580	13.244	0.000	10.1	0.0
10YR-72HR	O-CANAL	BASE	57.00	13.335	14.500	0	1.303	0.000	3.1	0.0
10YR-72HR	A-DET 6	BASE	58.00	13.544	17.500	302	1.916	1.909	1.5	1.5
10YR-72HR	AA-6D	BASE	58.00	13.541	17.500	24490	1.909	-0.695	1.5	0.8
10YR-72HR	AB-65	BASE	58.00	13.541	17.500	12908	0.295	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	58.00	13.541	17.500	11938	-0.305	-0.649	-0.3	-0.8
10YR-72HR	B-DET 5E	BASE	58.00	13.545	17.500	137	2.734	2.730	2.2	2.7
10YR-72HR	BA-5ED	BASE	58.00	13.541	17.500	33359	2.730	1.647	2.7	1.4
10YR-72HR	BB-56	BASE	58.00	13.541	17.500	9290	0.857	0.552	0.9	0.6
10YR-72HR	C-DET 5W	BASE	58.00	13.542	17.500	143	2.954	2.949	2.3	-4.7
10YR-72HR	CA-5WD	BASE	58.00	13.541	17.500	34251	3.739	2.627	-4.2	1.8
10YR-72HR	CB-54	BASE	58.00	13.539	17.500	10067	2.627	2.300	1.8	1.5
10YR-72HR	D-DET 4N	BASE	58.00	13.538	17.500	365	0.806	0.794	0.6	0.6
10YR-72HR	DA-DET 4	BASE	58.00	13.537	17.500	25729	3.476	2.640	2.5	1.9
10YR-72HR	E-DET 7E	BASE	58.00	13.543	17.500	137	2.102	2.097	1.7	2.7
10YR-72HR	EA-7ED	BASE	58.00	13.541	17.500	28865	2.097	1.162	2.7	1.0
10YR-72HR	EB-ME 104	BASE	58.00	13.541	17.500	8119	0.264	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	58.00	13.541	17.500	174	-0.133	17.733	1.2	58.6
10YR-72HR	F-DET 7W	BASE	58.00	13.543	17.500	143	3.198	3.193	2.5	-4.0
10YR-72HR	FA-7WD	BASE	58.00	13.541	17.500	33895	3.443	2.345	-4.2	1.3
10YR-72HR	FB-7WD	BASE	58.00	13.541	17.500	454	0.903	0.888	0.7	0.7
10YR-72HR	FC-CS 4	BASE	58.00	13.539	17.500	13275	3.233	2.802	2.0	1.7
10YR-72HR	G-DET 8E	BASE	58.00	13.532	17.500	141	1.855	1.851	1.5	4.5
10YR-72HR	GA-8ED	BASE	58.00	13.531	17.500	18028	1.851	1.264	4.5	1.0
10YR-72HR	GB-CS 28	BASE	58.00	13.529	17.500	4858	1.206	1.045	1.1	1.0
10YR-72HR	H-DET 8W	BASE	58.00	13.533	17.500	141	2.197	2.192	1.7	-0.8
10YR-72HR	HA-8WD	BASE	58.00	13.531	17.500	20147	2.250	1.567	-0.9	1.1
10YR-72HR	HB-CS 5	BASE	58.00	13.527	17.500	6974	1.567	1.333	1.1	1.0
10YR-72HR	I-BLDG B	BASE	58.00	13.538	17.500	210	1.221	3.543	1.0	6.2
10YR-72HR	IA-3	BASE	58.00	13.527	17.500	358	9.979	-2.847	31.4	-15.9
10YR-72HR	J-BLDG A	BASE	58.00	13.533	17.500	210	2.148	1.344	1.7	-2.4
10YR-72HR	JA-1	BASE	58.00	13.531	17.500	384	-1.503	5.945	-18.3	23.1
10YR-72HR	K-LAKE-2	BASE	58.00	13.518	17.500	93491	-1.244	0.279	-26.8	1.4
10YR-72HR	KA-21	BASE	58.00	13.515	17.500	293	5.945	-8.029	23.1	-67.2
10YR-72HR	L-LAKE 1	BASE	58.00	13.518	17.500	254452	2.581	0.000	-33.6	0.0
10YR-72HR	M-LAKE 3	BASE	58.00	13.523	17.500	107533	13.380	0.566	35.2	1.8
10YR-72HR	N-PreDev	BASE	58.00	15.195	18.000	1415318	16.175	0.000	11.3	0.0
10YR-72HR	O-CANAL	BASE	58.00	13.490	14.500	0	0.845	0.000	3.2	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	59.00	13.691	17.500	293	2.780	2.768	1.7	1.7
10YR-72HR	AA-6D	BASE	59.00	13.684	17.500	25139	2.768	-0.876	1.7	0.7
10YR-72HR	AB-65	BASE	59.00	13.684	17.500	13246	0.517	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	59.00	13.684	17.500	12245	-0.359	-0.871	-0.4	-0.9
10YR-72HR	B-DET 5E	BASE	59.00	13.692	17.500	137	3.966	3.960	2.4	3.0
10YR-72HR	BA-5ED	BASE	59.00	13.685	17.500	34135	3.960	2.293	3.0	1.5
10YR-72HR	BB-56	BASE	59.00	13.685	17.500	9495	1.239	0.774	1.0	0.7
10YR-72HR	C-DET 5W	BASE	59.00	13.688	17.500	142	4.285	4.278	2.6	-4.4
10YR-72HR	CA-5WD	BASE	59.00	13.685	17.500	35047	5.332	3.621	-3.9	2.0
10YR-72HR	CB-54	BASE	59.00	13.683	17.500	10297	3.621	3.119	2.0	1.8
10YR-72HR	D-DET 4N	BASE	59.00	13.682	17.500	330	1.169	1.153	0.7	0.7
10YR-72HR	DA-DET 4	BASE	59.00	13.679	17.500	26065	4.815	3.556	2.8	2.1
10YR-72HR	E-DET 7E	BASE	59.00	13.689	17.500	137	3.049	3.043	1.9	2.9
10YR-72HR	EA-7ED	BASE	59.00	13.685	17.500	29629	3.043	1.596	2.9	1.1
10YR-72HR	EB-ME 104	BASE	59.00	13.685	17.500	8317	0.406	0.000	0.3	0.0
10YR-72HR	EC-CB 32	BASE	59.00	13.686	17.500	174	-0.259	18.279	1.2	60.0
10YR-72HR	F-DET 7W	BASE	59.00	13.689	17.500	142	4.639	4.632	2.9	-3.7
10YR-72HR	FA-7WD	BASE	59.00	13.685	17.500	34793	4.951	3.253	-3.8	1.6
10YR-72HR	FB-7WD	BASE	59.00	13.687	17.500	405	1.310	1.290	0.8	0.8
10YR-72HR	FC-CS 4	BASE	59.00	13.682	17.500	13567	4.543	3.882	2.4	2.0
10YR-72HR	G-DET 8E	BASE	59.00	13.678	17.500	141	2.692	2.685	1.7	4.7
10YR-72HR	GA-8ED	BASE	59.00	13.675	17.500	18846	2.685	1.772	4.7	1.1
10YR-72HR	GB-CS 28	BASE	59.00	13.673	17.500	5074	1.772	1.529	1.2	1.1
10YR-72HR	H-DET 8W	BASE	59.00	13.679	17.500	141	3.187	3.181	2.0	-0.6
10YR-72HR	HA-8WD	BASE	59.00	13.675	17.500	21062	3.181	2.173	-0.7	1.3
10YR-72HR	HB-CS 5	BASE	59.00	13.670	17.500	7286	2.173	1.823	1.3	1.1
10YR-72HR	I-BLDG B	BASE	59.00	13.683	17.500	205	1.771	3.946	1.1	6.5
10YR-72HR	IA-3	BASE	59.00	13.671	17.500	354	10.347	-2.069	32.2	-16.1
10YR-72HR	J-BLDG A	BASE	59.00	13.679	17.500	205	3.117	2.685	1.9	-2.2
10YR-72HR	JA-1	BASE	59.00	13.674	17.500	379	0.616	5.619	-18.4	23.6
10YR-72HR	K-LAKE-2	BASE	59.00	13.660	17.500	94159	0.934	0.206	-26.9	1.4
10YR-72HR	KA-21	BASE	59.00	13.659	17.500	293	5.619	-4.210	23.6	-67.7
10YR-72HR	L-LAKE 1	BASE	59.00	13.660	17.500	255979	7.685	0.000	-33.2	0.0
10YR-72HR	M-LAKE 3	BASE	59.00	13.665	17.500	107789	14.854	0.444	36.3	1.8
10YR-72HR	N-PreDev	BASE	59.00	15.240	18.000	1506590	20.637	0.000	12.8	0.0
10YR-72HR	O-CANAL	BASE	59.00	13.645	14.500	0	0.649	0.000	3.2	0.0
10YR-72HR	A-DET 6	BASE	60.00	14.921	17.500	130	27.357	27.252	3.0	3.0
10YR-72HR	AA-6D	BASE	60.00	14.472	17.500	28591	27.252	12.557	3.0	1.2
10YR-72HR	AB-65	BASE	60.00	14.472	17.500	15059	7.781	0.000	0.9	0.0
10YR-72HR	AC-63	BASE	60.00	14.472	17.500	13810	1.250	-5.888	-0.3	-1.1
10YR-72HR	B-DET 5E	BASE	60.00	14.860	17.500	125	39.031	38.967	4.2	4.8
10YR-72HR	BA-5ED	BASE	60.00	14.485	17.500	38434	38.967	19.251	4.8	2.4
10YR-72HR	BB-56	BASE	60.00	14.483	17.500	10596	11.174	5.719	1.5	0.9
10YR-72HR	C-DET 5W	BASE	60.00	14.676	17.500	135	42.168	42.099	4.6	-2.5
10YR-72HR	CA-5WD	BASE	60.00	14.481	17.500	39444	50.177	30.005	-1.6	3.4
10YR-72HR	CB-54	BASE	60.00	14.459	17.500	11531	30.005	24.093	3.4	2.9
10YR-72HR	D-DET 4N	BASE	60.00	14.615	17.500	129	11.500	11.426	1.2	1.2
10YR-72HR	DA-DET 4	BASE	60.00	14.329	17.500	27552	40.301	28.376	4.7	3.4
10YR-72HR	E-DET 7E	BASE	60.00	14.707	17.500	127	30.005	29.939	3.2	4.2
10YR-72HR	EA-7ED	BASE	60.00	14.497	17.500	33925	29.939	12.227	4.2	1.7
10YR-72HR	EB-ME 104	BASE	60.00	14.494	17.500	9302	4.881	0.000	0.5	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	EC-CB 32	BASE	60.00	14.429	17.500	174	9.245	8.945	1.6	61.2
10YR-72HR	F-DET 7W	BASE	60.00	14.726	17.500	135	45.653	45.583	4.9	-1.6
10YR-72HR	FA-7WD	BASE	60.00	14.497	17.500	39827	47.042	26.259	-1.7	2.8
10YR-72HR	FB-7WD	BASE	60.00	14.912	17.500	135	12.894	12.791	1.4	1.4
10YR-72HR	FC-CS 4	BASE	60.00	14.464	17.500	15166	39.050	30.960	4.2	3.4
10YR-72HR	G-DET 8E	BASE	60.00	14.558	17.500	137	26.486	26.425	2.9	5.9
10YR-72HR	GA-8ED	BASE	60.00	14.431	17.500	23119	26.425	15.923	5.9	1.8
10YR-72HR	GB-CS 28	BASE	60.00	14.405	17.500	6184	15.097	12.194	1.9	1.7
10YR-72HR	H-DET 8W	BASE	60.00	14.614	17.500	137	31.364	31.303	3.4	0.8
10YR-72HR	HA-8WD	BASE	60.00	14.431	17.500	25813	32.130	20.423	0.7	2.2
10YR-72HR	HB-CS 5	BASE	60.00	14.357	17.500	8818	20.423	16.301	2.2	1.9
10YR-72HR	I-BLDG B	BASE	60.00	14.702	17.500	118	17.425	17.272	1.9	7.4
10YR-72HR	IA-3	BASE	60.00	14.563	17.500	266	-2.420	-1.620	32.6	-16.3
10YR-72HR	J-BLDG A	BASE	60.00	15.001	17.500	118	30.668	30.607	3.3	-0.9
10YR-72HR	JA-1	BASE	60.00	14.564	17.500	292	28.987	27.976	-17.1	25.0
10YR-72HR	K-LAKE-2	BASE	60.00	14.171	17.500	96562	36.666	1.016	-25.3	1.4
10YR-72HR	KA-21	BASE	60.00	14.196	17.500	293	27.976	27.921	25.0	-66.7
10YR-72HR	L-LAKE 1	BASE	60.00	14.146	17.500	261227	93.133	0.000	-29.0	0.0
10YR-72HR	M-LAKE 3	BASE	60.00	14.310	17.500	108948	52.182	2.235	39.1	1.9
10YR-72HR	N-PreDev	BASE	60.00	15.311	18.000	1652312	60.968	0.000	16.2	0.0
10YR-72HR	O-CANAL	BASE	60.00	13.800	14.500	0	3.251	0.000	3.4	0.0
10YR-72HR	A-DET 6	BASE	61.00	15.010	17.500	123	3.982	3.984	4.3	4.3
10YR-72HR	AA-6D	BASE	61.00	15.000	17.500	30984	3.984	-5.223	4.3	1.5
10YR-72HR	AB-65	BASE	61.00	15.000	17.500	16163	-0.453	0.000	1.2	0.0
10YR-72HR	AC-63	BASE	61.00	15.000	17.500	14947	-1.704	-1.140	-0.3	-1.4
10YR-72HR	B-DET 5E	BASE	61.00	15.006	17.500	114	5.681	5.675	6.1	6.6
10YR-72HR	BA-5ED	BASE	61.00	15.000	17.500	41200	5.675	3.333	6.6	3.4
10YR-72HR	BB-56	BASE	61.00	15.000	17.500	11196	1.700	1.032	2.1	1.2
10YR-72HR	C-DET 5W	BASE	61.00	15.003	17.500	129	6.138	6.131	6.6	-0.5
10YR-72HR	CA-5WD	BASE	61.00	15.000	17.500	42313	7.764	5.340	0.8	4.9
10YR-72HR	CB-54	BASE	61.00	15.000	17.500	12359	5.340	4.628	4.9	4.1
10YR-72HR	D-DET 4N	BASE	61.00	15.003	17.500	129	1.674	1.667	1.8	1.8
10YR-72HR	DA-DET 4	BASE	61.00	14.997	17.500	29271	7.459	5.654	6.7	4.8
10YR-72HR	E-DET 7E	BASE	61.00	15.004	17.500	114	4.368	4.361	4.7	5.7
10YR-72HR	EA-7ED	BASE	61.00	15.001	17.500	36584	4.361	2.274	5.7	2.3
10YR-72HR	EB-ME 104	BASE	61.00	15.001	17.500	10025	0.585	0.000	0.8	0.0
10YR-72HR	EC-CB 32	BASE	61.00	15.005	17.500	174	-2.033	20.254	1.9	62.4
10YR-72HR	F-DET 7W	BASE	61.00	15.005	17.500	129	6.645	6.638	7.1	0.5
10YR-72HR	FA-7WD	BASE	61.00	15.001	17.500	42980	7.187	4.727	0.6	4.1
10YR-72HR	FB-7WD	BASE	61.00	15.010	17.500	135	1.877	1.870	2.0	2.0
10YR-72HR	FC-CS 4	BASE	61.00	15.000	17.500	16416	6.597	5.648	6.1	5.0
10YR-72HR	G-DET 8E	BASE	61.00	14.986	17.500	132	3.855	3.859	4.1	7.1
10YR-72HR	GA-8ED	BASE	61.00	14.984	17.500	26256	3.859	2.224	7.1	2.6
10YR-72HR	GB-CS 28	BASE	61.00	14.984	17.500	7045	2.742	2.310	2.6	2.3
10YR-72HR	H-DET 8W	BASE	61.00	14.987	17.500	132	4.565	4.557	4.9	2.3
10YR-72HR	HA-8WD	BASE	61.00	14.984	17.500	29353	4.040	2.222	2.2	3.2
10YR-72HR	HB-CS 5	BASE	61.00	14.984	17.500	10142	2.222	1.585	3.2	2.6
10YR-72HR	I-BLDG B	BASE	61.00	15.015	17.500	118	2.536	7.128	2.7	8.4
10YR-72HR	IA-3	BASE	61.00	14.992	17.500	266	13.371	-3.647	33.0	-16.5
10YR-72HR	J-BLDG A	BASE	61.00	15.005	17.500	118	4.464	3.582	4.8	0.6
10YR-72HR	JA-1	BASE	61.00	14.999	17.500	292	-0.065	6.256	-15.9	26.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	K-LAKE-2	BASE	61.00	14.979	17.500	100361	8.021	2.269	-23.5	1.6
10YR-72HR	KA-21	BASE	61.00	14.981	17.500	293	6.256	-0.603	26.4	-65.6
10YR-72HR	L-LAKE 1	BASE	61.00	14.982	17.500	270248	15.458	0.000	-24.5	0.0
10YR-72HR	M-LAKE 3	BASE	61.00	14.977	17.500	110147	20.517	4.459	42.1	2.2
10YR-72HR	N-PreDev	BASE	61.00	15.517	18.000	2070579	112.652	0.000	23.4	0.0
10YR-72HR	O-CANAL	BASE	61.00	13.645	14.500	0	6.728	0.000	3.8	0.0
10YR-72HR	A-DET 6	BASE	62.00	15.145	17.500	123	2.203	2.214	4.5	4.5
10YR-72HR	AA-6D	BASE	62.00	15.142	17.500	31636	2.214	-5.669	4.5	1.1
10YR-72HR	AB-65	BASE	62.00	15.143	17.500	16501	-0.625	0.000	1.1	0.0
10YR-72HR	AC-63	BASE	62.00	15.143	17.500	15260	-1.766	-1.115	-0.5	-1.5
10YR-72HR	B-DET 5E	BASE	62.00	15.145	17.500	114	3.143	2.989	6.4	7.0
10YR-72HR	BA-5ED	BASE	62.00	15.143	17.500	41968	2.989	4.678	7.0	3.7
10YR-72HR	BB-56	BASE	62.00	15.143	17.500	11403	2.673	1.094	2.3	1.3
10YR-72HR	C-DET 5W	BASE	62.00	15.161	17.500	125	3.395	15.309	7.0	0.4
10YR-72HR	CA-5WD	BASE	62.00	15.143	17.500	43097	17.314	1.668	1.9	5.2
10YR-72HR	CB-54	BASE	62.00	15.143	17.500	12577	1.668	2.452	5.2	4.4
10YR-72HR	D-DET 4N	BASE	62.00	15.144	17.500	129	0.926	0.923	1.9	1.9
10YR-72HR	DA-DET 4	BASE	62.00	15.142	17.500	29639	3.847	3.022	7.1	5.2
10YR-72HR	E-DET 7E	BASE	62.00	15.153	17.500	114	2.416	7.261	4.9	6.1
10YR-72HR	EA-7ED	BASE	62.00	15.143	17.500	37339	7.261	-1.518	6.1	2.3
10YR-72HR	EB-ME 104	BASE	62.00	15.143	17.500	10230	-1.115	0.000	0.8	0.0
10YR-72HR	EC-CB 32	BASE	62.00	15.148	17.500	174	-2.184	20.992	1.7	64.1
10YR-72HR	F-DET 7W	BASE	62.00	15.138	17.500	126	3.676	-8.001	7.5	0.5
10YR-72HR	FA-7WD	BASE	62.00	15.143	17.500	43864	-9.519	3.004	0.5	4.4
10YR-72HR	FB-7WD	BASE	62.00	15.146	17.500	135	1.038	1.035	2.1	2.1
10YR-72HR	FC-CS 4	BASE	62.00	15.143	17.500	16754	4.040	3.076	6.5	5.3
10YR-72HR	G-DET 8E	BASE	62.00	15.138	17.500	129	2.133	10.031	4.4	7.7
10YR-72HR	GA-8ED	BASE	62.00	15.127	17.500	27062	10.031	0.875	7.7	2.7
10YR-72HR	GB-CS 28	BASE	62.00	15.127	17.500	7259	2.453	2.488	2.9	2.5
10YR-72HR	H-DET 8W	BASE	62.00	15.124	17.500	129	2.526	-5.107	5.2	2.3
10YR-72HR	HA-8WD	BASE	62.00	15.127	17.500	30257	-6.685	1.252	2.1	3.3
10YR-72HR	HB-CS 5	BASE	62.00	15.127	17.500	10453	1.252	0.147	3.3	2.7
10YR-72HR	I-BLDG B	BASE	62.00	15.153	17.500	118	1.403	6.819	2.9	9.0
10YR-72HR	IA-3	BASE	62.00	15.132	17.500	266	13.688	-5.232	34.1	-16.9
10YR-72HR	J-BLDG A	BASE	62.00	15.146	17.500	118	2.469	-1.368	5.1	0.6
10YR-72HR	JA-1	BASE	62.00	15.147	17.500	292	-6.600	6.559	-16.2	27.0
10YR-72HR	K-LAKE-2	BASE	62.00	15.127	17.500	101054	2.601	2.646	-23.0	1.8
10YR-72HR	KA-21	BASE	62.00	15.127	17.500	293	6.559	-6.223	27.0	-65.9
10YR-72HR	L-LAKE 1	BASE	62.00	15.135	17.500	271896	1.700	0.000	-23.8	0.0
10YR-72HR	M-LAKE 3	BASE	62.00	15.119	17.500	110403	18.048	5.248	43.7	2.6
10YR-72HR	N-PreDev	BASE	62.00	15.664	18.000	2371733	73.415	0.000	31.1	0.0
10YR-72HR	O-CANAL	BASE	62.00	13.490	14.500	0	7.894	0.000	4.4	0.0
10YR-72HR	A-DET 6	BASE	63.00	15.207	17.500	123	1.420	1.456	4.7	4.7
10YR-72HR	AA-6D	BASE	63.00	15.206	17.500	31925	1.456	-6.193	4.7	0.6
10YR-72HR	AB-65	BASE	63.00	15.206	17.500	16652	-0.835	0.000	1.1	0.0
10YR-72HR	AC-63	BASE	63.00	15.206	17.500	15399	-1.928	-0.991	-0.6	-1.6
10YR-72HR	B-DET 5E	BASE	63.00	15.204	17.500	114	2.026	-3.253	6.6	7.0
10YR-72HR	BA-5ED	BASE	63.00	15.206	17.500	42310	-3.253	6.066	7.0	4.1
10YR-72HR	BB-56	BASE	63.00	15.206	17.500	11495	3.827	1.075	2.5	1.4
10YR-72HR	C-DET 5W	BASE	63.00	15.224	17.500	123	2.188	15.124	7.2	1.7
10YR-72HR	CA-5WD	BASE	63.00	15.206	17.500	43446	17.363	-1.175	3.3	5.2

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	63.00	15.206	17.500	12672	-1.175	1.731	5.2	4.5
10YR-72HR	D-DET 4N	BASE	63.00	15.207	17.500	129	0.597	0.595	2.0	1.9
10YR-72HR	DA-DET 4	BASE	63.00	15.206	17.500	29800	2.626	2.176	7.4	5.4
10YR-72HR	E-DET 7E	BASE	63.00	15.216	17.500	114	1.557	7.176	5.1	6.7
10YR-72HR	EA-7ED	BASE	63.00	15.207	17.500	37675	7.176	-2.897	6.7	2.1
10YR-72HR	EB-ME 104	BASE	63.00	15.207	17.500	10322	-2.133	0.000	0.6	0.0
10YR-72HR	EC-CB 32	BASE	63.00	15.212	17.500	174	-2.355	21.529	1.5	65.8
10YR-72HR	F-DET 7W	BASE	63.00	15.198	17.500	123	2.369	-10.412	7.8	-0.3
10YR-72HR	FA-7WD	BASE	63.00	15.207	17.500	44256	-12.166	2.683	-0.4	4.6
10YR-72HR	FB-7WD	BASE	63.00	15.208	17.500	135	0.669	0.670	2.2	2.2
10YR-72HR	FC-CS 4	BASE	63.00	15.207	17.500	16904	3.353	2.216	6.8	5.5
10YR-72HR	G-DET 8E	BASE	63.00	15.201	17.500	128	1.374	9.917	4.5	8.5
10YR-72HR	GA-8ED	BASE	63.00	15.190	17.500	27420	9.917	0.405	8.5	2.8
10YR-72HR	GB-CS 28	BASE	63.00	15.190	17.500	7355	2.147	2.354	3.0	2.7
10YR-72HR	H-DET 8W	BASE	63.00	15.185	17.500	128	1.628	-6.806	5.3	1.8
10YR-72HR	HA-8WD	BASE	63.00	15.190	17.500	30658	-8.548	0.858	1.5	3.4
10YR-72HR	HB-CS 5	BASE	63.00	15.190	17.500	10591	0.858	-0.327	3.4	2.7
10YR-72HR	I-BLDG B	BASE	63.00	15.212	17.500	118	0.904	6.515	3.0	9.5
10YR-72HR	IA-3	BASE	63.00	15.192	17.500	266	13.989	-5.473	35.3	-17.3
10YR-72HR	J-BLDG A	BASE	63.00	15.205	17.500	118	1.592	-3.052	5.2	0.5
10YR-72HR	JA-1	BASE	63.00	15.209	17.500	292	-8.525	6.232	-16.8	27.5
10YR-72HR	K-LAKE-2	BASE	63.00	15.191	17.500	101357	1.018	2.866	-22.9	2.0
10YR-72HR	KA-21	BASE	63.00	15.191	17.500	293	6.232	-7.544	27.5	-66.4
10YR-72HR	L-LAKE 1	BASE	63.00	15.201	17.500	272608	-2.177	0.000	-23.9	0.0
10YR-72HR	M-LAKE 3	BASE	63.00	15.183	17.500	110518	17.291	5.707	45.2	3.1
10YR-72HR	N-PreDev	BASE	63.00	15.753	18.000	2552342	49.908	0.000	36.2	0.0
10YR-72HR	O-CANAL	BASE	63.00	13.335	14.500	0	8.573	0.000	5.1	0.0
10YR-72HR	A-DET 6	BASE	64.00	15.250	17.500	123	1.393	1.432	4.8	4.8
10YR-72HR	AA-6D	BASE	64.00	15.249	17.500	32122	1.432	-6.402	4.8	0.1
10YR-72HR	AB-65	BASE	64.00	15.249	17.500	16754	-1.038	0.000	1.0	0.0
10YR-72HR	AC-63	BASE	64.00	15.249	17.500	15494	-2.083	-1.029	-0.8	-1.7
10YR-72HR	B-DET 5E	BASE	64.00	15.247	17.500	114	1.987	-3.325	6.8	6.7
10YR-72HR	BA-5ED	BASE	64.00	15.250	17.500	42542	-3.325	6.286	6.7	4.6
10YR-72HR	BB-56	BASE	64.00	15.249	17.500	11558	3.980	1.122	2.9	1.5
10YR-72HR	C-DET 5W	BASE	64.00	15.268	17.500	121	2.147	15.434	7.4	2.9
10YR-72HR	CA-5WD	BASE	64.00	15.249	17.500	43682	17.740	-1.486	4.7	5.1
10YR-72HR	CB-54	BASE	64.00	15.249	17.500	12737	-1.486	1.745	5.1	4.7
10YR-72HR	D-DET 4N	BASE	64.00	15.250	17.500	129	0.586	0.584	2.0	2.0
10YR-72HR	DA-DET 4	BASE	64.00	15.249	17.500	29909	2.613	2.198	7.6	5.6
10YR-72HR	E-DET 7E	BASE	64.00	15.259	17.500	114	1.528	7.164	5.2	7.3
10YR-72HR	EA-7ED	BASE	64.00	15.250	17.500	37904	7.164	-3.091	7.3	1.9
10YR-72HR	EB-ME 104	BASE	64.00	15.250	17.500	10384	-2.257	0.000	0.4	0.0
10YR-72HR	EC-CB 32	BASE	64.00	15.254	17.500	174	-2.159	21.560	1.3	67.6
10YR-72HR	F-DET 7W	BASE	64.00	15.241	17.500	122	2.325	-10.779	8.0	-1.2
10YR-72HR	FA-7WD	BASE	64.00	15.250	17.500	44523	-12.642	2.968	-1.4	4.9
10YR-72HR	FB-7WD	BASE	64.00	15.251	17.500	135	0.657	0.661	2.3	2.2
10YR-72HR	FC-CS 4	BASE	64.00	15.250	17.500	17006	3.629	2.231	7.1	5.7
10YR-72HR	G-DET 8E	BASE	64.00	15.244	17.500	127	1.349	10.097	4.6	9.4
10YR-72HR	GA-8ED	BASE	64.00	15.233	17.500	27662	10.097	0.408	9.4	2.8
10YR-72HR	GB-CS 28	BASE	64.00	15.233	17.500	7419	2.265	2.489	3.2	2.9
10YR-72HR	H-DET 8W	BASE	64.00	15.228	17.500	127	1.597	-7.045	5.5	1.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	64.00	15.233	17.500	30928	-8.902	0.768	0.8	3.5
10YR-72HR	HB-CS 5	BASE	64.00	15.233	17.500	10684	0.768	-0.418	3.5	2.6
10YR-72HR	I-BLDG B	BASE	64.00	15.255	17.500	118	0.887	6.499	3.0	10.1
10YR-72HR	IA-3	BASE	64.00	15.235	17.500	266	13.951	-5.482	36.4	-17.8
10YR-72HR	J-BLDG A	BASE	64.00	15.248	17.500	118	1.562	-3.089	5.4	0.2
10YR-72HR	JA-1	BASE	64.00	15.252	17.500	292	-8.571	6.139	-17.6	28.0
10YR-72HR	K-LAKE-2	BASE	64.00	15.234	17.500	101559	1.337	3.040	-22.8	2.3
10YR-72HR	KA-21	BASE	64.00	15.234	17.500	293	6.139	-7.039	28.0	-67.0
10YR-72HR	L-LAKE 1	BASE	64.00	15.244	17.500	273073	-2.344	0.000	-24.0	0.0
10YR-72HR	M-LAKE 3	BASE	64.00	15.225	17.500	110594	17.388	6.065	46.6	3.6
10YR-72HR	N-PreDev	BASE	64.00	15.813	18.000	2674699	38.068	0.000	39.8	0.0
10YR-72HR	O-CANAL	BASE	64.00	13.180	14.500	0	9.106	0.000	5.8	0.0
10YR-72HR	A-DET 6	BASE	65.00	15.269	17.500	123	0.833	1.935	4.9	4.9
10YR-72HR	AA-6D	BASE	65.00	15.266	17.500	32201	1.935	-6.859	4.9	-0.5
10YR-72HR	AB-65	BASE	65.00	15.266	17.500	16795	-1.141	0.000	0.9	0.0
10YR-72HR	AC-63	BASE	65.00	15.266	17.500	15532	-2.254	-0.957	-1.0	-1.8
10YR-72HR	B-DET 5E	BASE	65.00	15.263	17.500	114	1.188	-4.619	6.9	6.4
10YR-72HR	BA-5ED	BASE	65.00	15.267	17.500	42635	-4.619	6.068	6.4	5.2
10YR-72HR	BB-56	BASE	65.00	15.267	17.500	11583	4.023	1.137	3.2	1.6
10YR-72HR	C-DET 5W	BASE	65.00	15.284	17.500	120	1.284	14.932	7.5	4.2
10YR-72HR	CA-5WD	BASE	65.00	15.267	17.500	43777	16.977	-2.250	6.2	4.9
10YR-72HR	CB-54	BASE	65.00	15.267	17.500	12763	-2.250	1.154	4.9	4.8
10YR-72HR	D-DET 4N	BASE	65.00	15.267	17.500	129	0.350	0.351	2.0	2.0
10YR-72HR	DA-DET 4	BASE	65.00	15.267	17.500	29953	1.680	1.489	7.8	5.8
10YR-72HR	E-DET 7E	BASE	65.00	15.275	17.500	114	0.913	6.823	5.3	7.9
10YR-72HR	EA-7ED	BASE	65.00	15.267	17.500	37995	6.823	-3.557	7.9	1.6
10YR-72HR	EB-ME 104	BASE	65.00	15.267	17.500	10408	-2.541	0.000	0.2	0.0
10YR-72HR	EC-CB 32	BASE	65.00	15.272	17.500	174	-2.326	21.853	1.2	69.4
10YR-72HR	F-DET 7W	BASE	65.00	15.256	17.500	121	1.390	-12.096	8.1	-2.1
10YR-72HR	FA-7WD	BASE	65.00	15.267	17.500	44629	-14.068	2.707	-2.5	5.1
10YR-72HR	FB-7WD	BASE	65.00	15.267	17.500	135	0.392	0.399	2.3	2.3
10YR-72HR	FC-CS 4	BASE	65.00	15.267	17.500	17047	3.106	1.512	7.4	5.9
10YR-72HR	G-DET 8E	BASE	65.00	15.261	17.500	126	0.806	9.768	4.7	10.2
10YR-72HR	GA-8ED	BASE	65.00	15.251	17.500	27762	9.768	0.074	10.2	2.8
10YR-72HR	GB-CS 28	BASE	65.00	15.250	17.500	7446	2.046	2.376	3.4	3.1
10YR-72HR	H-DET 8W	BASE	65.00	15.244	17.500	127	0.955	-7.955	5.6	0.6
10YR-72HR	HA-8WD	BASE	65.00	15.251	17.500	31039	-9.927	0.000	0.0	3.5
10YR-72HR	HB-CS 5	BASE	65.00	15.251	17.500	10723	0.000	-0.860	3.5	2.6
10YR-72HR	I-BLDG B	BASE	65.00	15.269	17.500	118	0.530	6.221	3.1	10.6
10YR-72HR	IA-3	BASE	65.00	15.251	17.500	266	14.072	-5.556	37.6	-18.2
10YR-72HR	J-BLDG A	BASE	65.00	15.261	17.500	118	0.933	-3.938	5.5	-0.1
10YR-72HR	JA-1	BASE	65.00	15.268	17.500	292	-9.494	5.279	-18.3	28.5
10YR-72HR	K-LAKE-2	BASE	65.00	15.253	17.500	101648	2.490	3.165	-22.6	2.5
10YR-72HR	KA-21	BASE	65.00	15.255	17.500	293	5.279	-4.538	28.5	-67.5
10YR-72HR	L-LAKE 1	BASE	65.00	15.264	17.500	273280	-3.547	0.000	-24.3	0.0
10YR-72HR	M-LAKE 3	BASE	65.00	15.244	17.500	110627	16.892	6.311	48.0	4.1
10YR-72HR	N-PreDev	BASE	65.00	15.856	18.000	2762429	26.550	0.000	42.5	0.0
10YR-72HR	O-CANAL	BASE	65.00	13.025	14.500	0	9.476	0.000	6.6	0.0
10YR-72HR	A-DET 6	BASE	66.00	15.276	17.500	123	0.839	1.911	4.9	5.1
10YR-72HR	AA-6D	BASE	66.00	15.274	17.500	32238	1.911	-6.841	5.1	-1.0
10YR-72HR	AB-65	BASE	66.00	15.274	17.500	16814	-1.182	0.000	0.8	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	66.00	15.274	17.500	15549	-2.290	-0.980	-1.2	-1.9
10YR-72HR	B-DET 5E	BASE	66.00	15.271	17.500	114	1.197	-4.606	7.0	6.0
10YR-72HR	BA-5ED	BASE	66.00	15.275	17.500	42678	-4.606	6.109	6.0	5.7
10YR-72HR	BB-56	BASE	66.00	15.275	17.500	11595	4.056	1.169	3.5	1.7
10YR-72HR	C-DET 5W	BASE	66.00	15.292	17.500	119	1.294	15.019	7.6	5.4
10YR-72HR	CA-5WD	BASE	66.00	15.275	17.500	43821	17.071	-2.259	7.6	4.7
10YR-72HR	CB-54	BASE	66.00	15.275	17.500	12774	-2.259	1.170	4.7	4.9
10YR-72HR	D-DET 4N	BASE	66.00	15.275	17.500	129	0.353	0.354	2.1	2.1
10YR-72HR	DA-DET 4	BASE	66.00	15.275	17.500	29973	1.695	1.512	7.9	5.9
10YR-72HR	E-DET 7E	BASE	66.00	15.283	17.500	114	0.921	6.828	5.4	8.5
10YR-72HR	EA-7ED	BASE	66.00	15.275	17.500	38037	6.828	-3.562	8.5	1.3
10YR-72HR	EB-ME 104	BASE	66.00	15.275	17.500	10420	-2.552	0.000	0.0	0.0
10YR-72HR	EC-CB 32	BASE	66.00	15.280	17.500	174	-2.199	21.844	1.0	71.2
10YR-72HR	F-DET 7W	BASE	66.00	15.264	17.500	120	1.401	-12.145	8.2	-3.1
10YR-72HR	FA-7WD	BASE	66.00	15.275	17.500	44679	-14.135	2.734	-3.7	5.3
10YR-72HR	FB-7WD	BASE	66.00	15.275	17.500	135	0.396	0.402	2.3	2.3
10YR-72HR	FC-CS 4	BASE	66.00	15.275	17.500	17066	3.136	1.535	7.6	6.0
10YR-72HR	G-DET 8E	BASE	66.00	15.269	17.500	126	0.813	9.812	4.8	11.0
10YR-72HR	GA-8ED	BASE	66.00	15.258	17.500	27805	9.812	0.121	11.0	2.8
10YR-72HR	GB-CS 28	BASE	66.00	15.258	17.500	7457	2.125	2.457	3.6	3.3
10YR-72HR	H-DET 8W	BASE	66.00	15.252	17.500	126	0.962	-7.982	5.7	-0.1
10YR-72HR	HA-8WD	BASE	66.00	15.259	17.500	31089	-9.986	-0.486	-0.8	3.5
10YR-72HR	HB-CS 5	BASE	66.00	15.259	17.500	10740	-0.486	-0.839	3.5	2.5
10YR-72HR	I-BLDG B	BASE	66.00	15.276	17.500	118	0.535	6.221	3.1	11.1
10YR-72HR	IA-3	BASE	66.00	15.258	17.500	266	14.028	-5.565	38.8	-18.7
10YR-72HR	J-BLDG A	BASE	66.00	15.269	17.500	118	0.941	-3.919	5.5	-0.4
10YR-72HR	JA-1	BASE	66.00	15.276	17.500	292	-9.484	5.202	-19.1	28.9
10YR-72HR	K-LAKE-2	BASE	66.00	15.261	17.500	101684	2.834	3.264	-22.4	2.8
10YR-72HR	KA-21	BASE	66.00	15.263	17.500	293	5.202	-4.032	28.9	-67.9
10YR-72HR	L-LAKE 1	BASE	66.00	15.271	17.500	273366	-3.447	0.000	-24.6	0.0
10YR-72HR	M-LAKE 3	BASE	66.00	15.251	17.500	110640	16.968	6.504	49.4	4.6
10YR-72HR	N-PreDev	BASE	66.00	15.884	18.000	2819779	18.051	0.000	44.3	0.0
10YR-72HR	O-CANAL	BASE	66.00	12.870	14.500	0	9.768	0.000	7.4	0.0
10YR-72HR	A-DET 6	BASE	67.00	15.283	17.500	123	0.839	1.910	5.0	5.2
10YR-72HR	AA-6D	BASE	67.00	15.281	17.500	32268	1.910	-6.838	5.2	-1.6
10YR-72HR	AB-65	BASE	67.00	15.281	17.500	16830	-1.210	0.000	0.7	0.0
10YR-72HR	AC-63	BASE	67.00	15.281	17.500	15564	-2.311	-0.987	-1.4	-1.9
10YR-72HR	B-DET 5E	BASE	67.00	15.278	17.500	114	1.198	-4.605	7.1	5.6
10YR-72HR	BA-5ED	BASE	67.00	15.281	17.500	42714	-4.605	6.163	5.6	6.2
10YR-72HR	BB-56	BASE	67.00	15.281	17.500	11604	4.081	1.183	3.9	1.8
10YR-72HR	C-DET 5W	BASE	67.00	15.299	17.500	118	1.294	15.125	7.7	6.7
10YR-72HR	CA-5WD	BASE	67.00	15.281	17.500	43857	17.206	-2.239	9.0	4.5
10YR-72HR	CB-54	BASE	67.00	15.281	17.500	12784	-2.239	1.204	4.5	5.0
10YR-72HR	D-DET 4N	BASE	67.00	15.282	17.500	129	0.353	0.354	2.1	2.1
10YR-72HR	DA-DET 4	BASE	67.00	15.281	17.500	29989	1.729	1.547	8.1	6.0
10YR-72HR	E-DET 7E	BASE	67.00	15.290	17.500	114	0.921	6.829	5.5	9.0
10YR-72HR	EA-7ED	BASE	67.00	15.282	17.500	38073	6.829	-3.621	9.0	1.0
10YR-72HR	EB-ME 104	BASE	67.00	15.282	17.500	10430	-2.583	0.000	-0.2	0.0
10YR-72HR	EC-CB 32	BASE	67.00	15.286	17.500	174	-2.134	21.852	0.8	73.0
10YR-72HR	F-DET 7W	BASE	67.00	15.270	17.500	120	1.401	-12.201	8.4	-4.1
10YR-72HR	FA-7WD	BASE	67.00	15.282	17.500	44720	-14.226	2.895	-4.9	5.6

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	67.00	15.282	17.500	135	0.396	0.408	2.4	2.3
10YR-72HR	FC-CS 4	BASE	67.00	15.282	17.500	17082	3.303	1.565	7.9	6.1
10YR-72HR	G-DET 8E	BASE	67.00	15.276	17.500	126	0.813	9.843	4.8	11.8
10YR-72HR	GA-8ED	BASE	67.00	15.265	17.500	27842	9.843	0.115	11.8	2.8
10YR-72HR	GB-CS 28	BASE	67.00	15.265	17.500	7467	2.186	2.507	3.8	3.5
10YR-72HR	H-DET 8W	BASE	67.00	15.258	17.500	126	0.962	-8.011	5.7	-0.7
10YR-72HR	HA-8WD	BASE	67.00	15.265	17.500	31130	-10.082	0.000	-1.7	3.5
10YR-72HR	HB-CS 5	BASE	67.00	15.265	17.500	10754	0.000	-0.902	3.5	2.4
10YR-72HR	I-BLDG B	BASE	67.00	15.283	17.500	118	0.535	6.228	3.2	11.6
10YR-72HR	IA-3	BASE	67.00	15.265	17.500	266	14.021	-5.644	39.9	-19.1
10YR-72HR	J-BLDG A	BASE	67.00	15.276	17.500	118	0.941	-4.023	5.6	-0.7
10YR-72HR	JA-1	BASE	67.00	15.283	17.500	292	-9.667	5.866	-19.9	29.4
10YR-72HR	K-LAKE-2	BASE	67.00	15.267	17.500	101716	-1.896	3.359	-22.4	3.1
10YR-72HR	KA-21	BASE	67.00	15.267	17.500	293	5.866	-9.938	29.4	-68.5
10YR-72HR	L-LAKE 1	BASE	67.00	15.278	17.500	273436	-4.630	0.000	-24.9	0.0
10YR-72HR	M-LAKE 3	BASE	67.00	15.257	17.500	110651	17.040	6.628	50.8	5.1
10YR-72HR	N-PreDev	BASE	67.00	15.904	18.000	2859065	12.989	0.000	45.6	0.0
10YR-72HR	O-CANAL	BASE	67.00	12.715	14.500	0	9.987	0.000	8.2	0.0
10YR-72HR	A-DET 6	BASE	68.00	15.289	17.500	123	0.839	1.911	5.1	5.4
10YR-72HR	AA-6D	BASE	68.00	15.287	17.500	32295	1.911	-6.845	5.4	-2.2
10YR-72HR	AB-65	BASE	68.00	15.287	17.500	16844	-1.227	0.000	0.6	0.0
10YR-72HR	AC-63	BASE	68.00	15.287	17.500	15577	-2.331	-1.000	-1.6	-2.0
10YR-72HR	B-DET 5E	BASE	68.00	15.284	17.500	114	1.197	-4.606	7.2	5.2
10YR-72HR	BA-5ED	BASE	68.00	15.287	17.500	42746	-4.606	6.178	5.2	6.7
10YR-72HR	BB-56	BASE	68.00	15.287	17.500	11613	4.106	1.199	4.2	1.9
10YR-72HR	C-DET 5W	BASE	68.00	15.305	17.500	118	1.294	15.221	7.8	7.9
10YR-72HR	CA-5WD	BASE	68.00	15.287	17.500	43890	17.293	-2.301	10.4	4.4
10YR-72HR	CB-54	BASE	68.00	15.287	17.500	12793	-2.301	1.184	4.4	5.1
10YR-72HR	D-DET 4N	BASE	68.00	15.287	17.500	129	0.353	0.354	2.1	2.1
10YR-72HR	DA-DET 4	BASE	68.00	15.287	17.500	30004	1.709	1.537	8.2	6.1
10YR-72HR	E-DET 7E	BASE	68.00	15.296	17.500	114	0.921	6.828	5.6	9.6
10YR-72HR	EA-7ED	BASE	68.00	15.287	17.500	38104	6.828	-3.593	9.6	0.7
10YR-72HR	EB-ME 104	BASE	68.00	15.288	17.500	10438	-2.581	0.000	-0.4	0.0
10YR-72HR	EC-CB 32	BASE	68.00	15.292	17.500	174	-2.088	21.841	0.6	74.8
10YR-72HR	F-DET 7W	BASE	68.00	15.276	17.500	120	1.401	-12.246	8.5	-5.1
10YR-72HR	FA-7WD	BASE	68.00	15.288	17.500	44756	-14.257	2.768	-6.1	5.8
10YR-72HR	FB-7WD	BASE	68.00	15.288	17.500	135	0.396	0.402	2.4	2.4
10YR-72HR	FC-CS 4	BASE	68.00	15.287	17.500	17096	3.170	1.558	8.2	6.3
10YR-72HR	G-DET 8E	BASE	68.00	15.281	17.500	126	0.813	9.870	4.9	12.6
10YR-72HR	GA-8ED	BASE	68.00	15.271	17.500	27876	9.870	0.143	12.6	2.8
10YR-72HR	GB-CS 28	BASE	68.00	15.271	17.500	7476	2.201	2.532	3.9	3.7
10YR-72HR	H-DET 8W	BASE	68.00	15.264	17.500	126	0.962	-8.039	5.8	-1.4
10YR-72HR	HA-8WD	BASE	68.00	15.271	17.500	31167	-10.097	-0.518	-2.5	3.4
10YR-72HR	HB-CS 5	BASE	68.00	15.271	17.500	10767	-0.518	-0.878	3.4	2.4
10YR-72HR	I-BLDG B	BASE	68.00	15.289	17.500	118	0.535	6.218	3.2	12.1
10YR-72HR	IA-3	BASE	68.00	15.271	17.500	266	13.994	-5.576	41.1	-19.6
10YR-72HR	J-BLDG A	BASE	68.00	15.281	17.500	118	0.941	-3.918	5.7	-1.1
10YR-72HR	JA-1	BASE	68.00	15.289	17.500	292	-9.494	5.184	-20.7	29.8
10YR-72HR	K-LAKE-2	BASE	68.00	15.273	17.500	101743	2.818	3.398	-22.3	3.3
10YR-72HR	KA-21	BASE	68.00	15.276	17.500	293	5.184	-4.001	29.8	-69.0
10YR-72HR	L-LAKE 1	BASE	68.00	15.284	17.500	273501	-3.399	0.000	-25.2	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	68.00	15.263	17.500	110662	17.072	6.706	52.2	5.7
10YR-72HR	N-PreDev	BASE	68.00	15.919	18.000	2890317	11.707	0.000	46.6	0.0
10YR-72HR	O-CANAL	BASE	68.00	12.560	14.500	0	10.105	0.000	9.0	0.0
10YR-72HR	A-DET 6	BASE	69.00	15.283	17.500	123	0.556	2.038	5.1	5.6
10YR-72HR	AA-6D	BASE	69.00	15.281	17.500	32268	2.038	-7.122	5.6	-2.8
10YR-72HR	AB-65	BASE	69.00	15.281	17.500	16830	-1.333	0.000	0.5	0.0
10YR-72HR	AC-63	BASE	69.00	15.281	17.500	15564	-2.371	-0.954	-1.7	-2.1
10YR-72HR	B-DET 5E	BASE	69.00	15.277	17.500	114	0.793	-5.150	7.3	4.8
10YR-72HR	BA-5ED	BASE	69.00	15.282	17.500	42714	-5.150	5.996	4.8	7.2
10YR-72HR	BB-56	BASE	69.00	15.281	17.500	11605	4.082	1.176	4.5	2.0
10YR-72HR	C-DET 5W	BASE	69.00	15.298	17.500	118	0.857	14.746	7.9	9.2
10YR-72HR	CA-5WD	BASE	69.00	15.281	17.500	43858	16.659	-2.825	11.8	4.1
10YR-72HR	CB-54	BASE	69.00	15.281	17.500	12784	-2.825	0.923	4.1	5.2
10YR-72HR	D-DET 4N	BASE	69.00	15.282	17.500	129	0.234	0.250	2.2	2.1
10YR-72HR	DA-DET 4	BASE	69.00	15.281	17.500	29990	1.289	1.159	8.3	6.2
10YR-72HR	E-DET 7E	BASE	69.00	15.289	17.500	114	0.610	6.599	5.6	10.1
10YR-72HR	EA-7ED	BASE	69.00	15.282	17.500	38073	6.599	-3.810	10.1	0.4
10YR-72HR	EB-ME 104	BASE	69.00	15.282	17.500	10430	-2.680	0.000	-0.6	0.0
10YR-72HR	EC-CB 32	BASE	69.00	15.286	17.500	174	-2.242	21.980	0.4	76.6
10YR-72HR	F-DET 7W	BASE	69.00	15.269	17.500	120	0.928	-12.748	8.6	-6.2
10YR-72HR	FA-7WD	BASE	69.00	15.282	17.500	44720	-14.832	2.799	-7.3	6.0
10YR-72HR	FB-7WD	BASE	69.00	15.282	17.500	135	0.262	0.291	2.4	2.4
10YR-72HR	FC-CS 4	BASE	69.00	15.282	17.500	17082	3.090	1.170	8.4	6.4
10YR-72HR	G-DET 8E	BASE	69.00	15.275	17.500	126	0.538	9.610	5.0	13.4
10YR-72HR	GA-8ED	BASE	69.00	15.265	17.500	27844	9.610	-0.031	13.4	2.9
10YR-72HR	GB-CS 28	BASE	69.00	15.265	17.500	7468	2.052	2.432	4.1	3.9
10YR-72HR	H-DET 8W	BASE	69.00	15.258	17.500	126	0.637	-8.393	5.9	-2.1
10YR-72HR	HA-8WD	BASE	69.00	15.266	17.500	31132	-10.476	-0.592	-3.3	3.4
10YR-72HR	HB-CS 5	BASE	69.00	15.266	17.500	10755	-0.592	-1.067	3.4	2.3
10YR-72HR	I-BLDG B	BASE	69.00	15.281	17.500	118	0.354	6.067	3.3	12.6
10YR-72HR	IA-3	BASE	69.00	15.264	17.500	266	14.067	-5.604	42.2	-20.1
10YR-72HR	J-BLDG A	BASE	69.00	15.273	17.500	118	0.623	-4.314	5.8	-1.4
10YR-72HR	JA-1	BASE	69.00	15.282	17.500	292	-9.918	4.868	-21.5	30.2
10YR-72HR	K-LAKE-2	BASE	69.00	15.268	17.500	101720	2.459	3.402	-22.1	3.6
10YR-72HR	KA-21	BASE	69.00	15.271	17.500	293	4.868	-4.053	30.2	-69.4
10YR-72HR	L-LAKE 1	BASE	69.00	15.279	17.500	273447	-4.380	0.000	-25.6	0.0
10YR-72HR	M-LAKE 3	BASE	69.00	15.258	17.500	110653	16.748	6.692	53.6	6.2
10YR-72HR	N-PreDev	BASE	69.00	15.933	18.000	2917987	9.955	0.000	47.5	0.0
10YR-72HR	O-CANAL	BASE	69.00	12.405	14.500	0	10.094	0.000	9.9	0.0
10YR-72HR	A-DET 6	BASE	70.00	15.274	17.500	123	0.556	2.038	5.2	5.7
10YR-72HR	AA-6D	BASE	70.00	15.271	17.500	32223	2.038	-7.096	5.7	-3.3
10YR-72HR	AB-65	BASE	70.00	15.271	17.500	16807	-1.330	0.000	0.4	0.0
10YR-72HR	AC-63	BASE	70.00	15.271	17.500	15542	-2.356	-0.946	-1.9	-2.2
10YR-72HR	B-DET 5E	BASE	70.00	15.267	17.500	114	0.793	-5.150	7.4	4.4
10YR-72HR	BA-5ED	BASE	70.00	15.272	17.500	42661	-5.150	5.959	4.4	7.7
10YR-72HR	BB-56	BASE	70.00	15.272	17.500	11590	4.045	1.165	4.9	2.1
10YR-72HR	C-DET 5W	BASE	70.00	15.288	17.500	119	0.857	14.607	8.0	10.4
10YR-72HR	CA-5WD	BASE	70.00	15.272	17.500	43804	16.521	-2.748	13.2	3.9
10YR-72HR	CB-54	BASE	70.00	15.272	17.500	12770	-2.748	0.941	3.9	5.3
10YR-72HR	D-DET 4N	BASE	70.00	15.272	17.500	129	0.234	0.249	2.2	2.2
10YR-72HR	DA-DET 4	BASE	70.00	15.272	17.500	29965	1.303	1.189	8.4	6.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	E-DET 7E	BASE	70.00	15.280	17.500	114	0.610	6.599	5.7	10.7
10YR-72HR	EA-7ED	BASE	70.00	15.272	17.500	38020	6.599	-3.766	10.7	0.1
10YR-72HR	EB-ME 104	BASE	70.00	15.272	17.500	10415	-2.660	0.000	-0.8	0.0
10YR-72HR	EC-CB 32	BASE	70.00	15.277	17.500	174	-2.245	21.978	0.3	78.5
10YR-72HR	F-DET 7W	BASE	70.00	15.260	17.500	121	0.928	-12.670	8.6	-7.2
10YR-72HR	FA-7WD	BASE	70.00	15.272	17.500	44659	-14.722	2.788	-8.5	6.2
10YR-72HR	FB-7WD	BASE	70.00	15.272	17.500	135	0.262	0.290	2.4	2.4
10YR-72HR	FC-CS 4	BASE	70.00	15.272	17.500	17058	3.078	1.198	8.7	6.5
10YR-72HR	G-DET 8E	BASE	70.00	15.265	17.500	126	0.538	9.563	5.0	14.2
10YR-72HR	GA-8ED	BASE	70.00	15.255	17.500	27789	9.563	-0.034	14.2	2.8
10YR-72HR	GB-CS 28	BASE	70.00	15.255	17.500	7453	2.050	2.420	4.3	4.1
10YR-72HR	H-DET 8W	BASE	70.00	15.248	17.500	127	0.637	-8.348	5.9	-2.8
10YR-72HR	HA-8WD	BASE	70.00	15.256	17.500	31070	-10.431	-0.635	-4.2	3.3
10YR-72HR	HB-CS 5	BASE	70.00	15.256	17.500	10734	-0.635	-1.094	3.3	2.2
10YR-72HR	I-BLDG B	BASE	70.00	15.272	17.500	118	0.354	6.068	3.3	13.1
10YR-72HR	IA-3	BASE	70.00	15.254	17.500	266	14.074	-5.602	43.4	-20.5
10YR-72HR	J-BLDG A	BASE	70.00	15.264	17.500	118	0.623	-4.318	5.8	-1.8
10YR-72HR	JA-1	BASE	70.00	15.272	17.500	292	-9.921	4.900	-22.3	30.6
10YR-72HR	K-LAKE-2	BASE	70.00	15.259	17.500	101674	2.237	3.385	-21.9	3.9
10YR-72HR	KA-21	BASE	70.00	15.261	17.500	293	4.900	-4.264	30.6	-69.7
10YR-72HR	L-LAKE 1	BASE	70.00	15.269	17.500	273340	-4.406	0.000	-25.9	0.0
10YR-72HR	M-LAKE 3	BASE	70.00	15.248	17.500	110635	16.707	6.649	55.0	6.8
10YR-72HR	N-PreDev	BASE	70.00	15.944	18.000	2940958	8.576	0.000	48.3	0.0
10YR-72HR	O-CANAL	BASE	70.00	12.250	14.500	0	10.033	0.000	10.7	0.0
10YR-72HR	A-DET 6	BASE	71.00	15.264	17.500	123	0.559	2.038	5.2	5.9
10YR-72HR	AA-6D	BASE	71.00	15.261	17.500	32179	2.038	-7.065	5.9	-3.9
10YR-72HR	AB-65	BASE	71.00	15.262	17.500	16784	-1.320	0.000	0.3	0.0
10YR-72HR	AC-63	BASE	71.00	15.261	17.500	15521	-2.335	-0.933	-2.1	-2.3
10YR-72HR	B-DET 5E	BASE	71.00	15.257	17.500	114	0.798	-5.144	7.5	4.0
10YR-72HR	BA-5ED	BASE	71.00	15.262	17.500	42609	-5.144	5.922	4.0	8.2
10YR-72HR	BB-56	BASE	71.00	15.262	17.500	11576	4.009	1.150	5.2	2.2
10YR-72HR	C-DET 5W	BASE	71.00	15.278	17.500	120	0.862	14.535	8.1	11.6
10YR-72HR	CA-5WD	BASE	71.00	15.262	17.500	43751	16.448	-2.696	14.6	3.7
10YR-72HR	CB-54	BASE	71.00	15.262	17.500	12756	-2.696	0.945	3.7	5.3
10YR-72HR	D-DET 4N	BASE	71.00	15.262	17.500	129	0.235	0.248	2.2	2.2
10YR-72HR	DA-DET 4	BASE	71.00	15.262	17.500	29941	1.307	1.176	8.5	6.4
10YR-72HR	E-DET 7E	BASE	71.00	15.270	17.500	114	0.613	6.602	5.7	11.2
10YR-72HR	EA-7ED	BASE	71.00	15.262	17.500	37969	6.602	-3.736	11.2	-0.2
10YR-72HR	EB-ME 104	BASE	71.00	15.262	17.500	10401	-2.638	0.000	-1.1	0.0
10YR-72HR	EC-CB 32	BASE	71.00	15.267	17.500	174	-2.261	21.990	0.1	80.3
10YR-72HR	F-DET 7W	BASE	71.00	15.250	17.500	121	0.933	-12.590	8.7	-8.3
10YR-72HR	FA-7WD	BASE	71.00	15.262	17.500	44599	-14.621	2.764	-9.7	6.5
10YR-72HR	FB-7WD	BASE	71.00	15.262	17.500	135	0.264	0.291	2.5	2.4
10YR-72HR	FC-CS 4	BASE	71.00	15.262	17.500	17036	3.055	1.186	8.9	6.6
10YR-72HR	G-DET 8E	BASE	71.00	15.256	17.500	126	0.541	9.521	5.1	15.0
10YR-72HR	GA-8ED	BASE	71.00	15.246	17.500	27735	9.521	-0.018	15.0	2.8
10YR-72HR	GB-CS 28	BASE	71.00	15.246	17.500	7439	2.057	2.420	4.5	4.3
10YR-72HR	H-DET 8W	BASE	71.00	15.239	17.500	127	0.641	-8.299	6.0	-3.5
10YR-72HR	HA-8WD	BASE	71.00	15.246	17.500	31010	-10.375	-0.591	-5.1	3.3
10YR-72HR	HB-CS 5	BASE	71.00	15.246	17.500	10713	-0.591	-1.047	3.3	2.1
10YR-72HR	I-BLDG B	BASE	71.00	15.262	17.500	118	0.356	6.080	3.3	13.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	71.00	15.245	17.500	266	14.105	-5.662	44.6	-21.0
10YR-72HR	J-BLDG A	BASE	71.00	15.254	17.500	118	0.627	-4.418	5.9	-2.1
10YR-72HR	JA-1	BASE	71.00	15.263	17.500	292	-10.080	5.618	-23.1	31.1
10YR-72HR	K-LAKE-2	BASE	71.00	15.249	17.500	101629	-2.577	3.367	-21.9	4.2
10YR-72HR	KA-21	BASE	71.00	15.248	17.500	293	5.618	-10.449	31.1	-70.3
10YR-72HR	L-LAKE 1	BASE	71.00	15.259	17.500	273236	-5.755	0.000	-26.3	0.0
10YR-72HR	M-LAKE 3	BASE	71.00	15.239	17.500	110618	16.701	6.607	56.4	7.3
10YR-72HR	N-PreDev	BASE	71.00	15.954	18.000	2961376	7.943	0.000	49.0	0.0
10YR-72HR	O-CANAL	BASE	71.00	12.095	14.500	0	9.973	0.000	11.5	0.0
10YR-72HR	A-DET 6	BASE	72.00	15.253	17.500	123	0.000	1.519	5.2	6.0
10YR-72HR	AA-6D	BASE	72.00	15.252	17.500	32137	1.519	-7.071	6.0	-4.5
10YR-72HR	AB-65	BASE	72.00	15.252	17.500	16761	-1.313	0.000	0.2	0.0
10YR-72HR	AC-63	BASE	72.00	15.252	17.500	15501	-2.329	-0.942	-2.3	-2.3
10YR-72HR	B-DET 5E	BASE	72.00	15.246	17.500	114	0.000	-6.006	7.5	3.5
10YR-72HR	BA-5ED	BASE	72.00	15.253	17.500	42559	-6.006	5.853	3.5	8.6
10YR-72HR	BB-56	BASE	72.00	15.253	17.500	11563	3.982	1.158	5.5	2.3
10YR-72HR	C-DET 5W	BASE	72.00	15.267	17.500	121	0.000	13.628	8.1	12.8
10YR-72HR	CA-5WD	BASE	72.00	15.253	17.500	43700	15.499	-2.698	15.9	3.5
10YR-72HR	CB-54	BASE	72.00	15.253	17.500	12742	-2.698	0.928	3.5	5.4
10YR-72HR	D-DET 4N	BASE	72.00	15.252	17.500	129	0.000	-0.381	2.2	2.2
10YR-72HR	DA-DET 4	BASE	72.00	15.253	17.500	29917	0.547	1.166	8.6	6.5
10YR-72HR	E-DET 7E	BASE	72.00	15.259	17.500	114	0.000	6.017	5.8	11.8
10YR-72HR	EA-7ED	BASE	72.00	15.253	17.500	37920	6.017	-3.692	11.8	-0.5
10YR-72HR	EB-ME 104	BASE	72.00	15.253	17.500	10388	-2.605	0.000	-1.3	0.0
10YR-72HR	EC-CB 32	BASE	72.00	15.258	17.500	174	-2.271	21.966	-0.1	82.1
10YR-72HR	F-DET 7W	BASE	72.00	15.239	17.500	122	0.000	-13.488	8.8	-9.3
10YR-72HR	FA-7WD	BASE	72.00	15.253	17.500	44542	-15.517	2.739	-10.9	6.7
10YR-72HR	FB-7WD	BASE	72.00	15.252	17.500	135	0.000	-0.306	2.5	2.4
10YR-72HR	FC-CS 4	BASE	72.00	15.253	17.500	17013	2.433	1.178	9.1	6.7
10YR-72HR	G-DET 8E	BASE	72.00	15.245	17.500	127	0.000	8.956	5.1	15.8
10YR-72HR	GA-8ED	BASE	72.00	15.237	17.500	27682	8.956	-0.015	15.8	2.8
10YR-72HR	GB-CS 28	BASE	72.00	15.236	17.500	7425	2.018	2.384	4.6	4.5
10YR-72HR	H-DET 8W	BASE	72.00	15.228	17.500	127	0.000	-8.918	6.0	-4.2
10YR-72HR	HA-8WD	BASE	72.00	15.237	17.500	30951	-10.951	-0.561	-5.9	3.2
10YR-72HR	HB-CS 5	BASE	72.00	15.237	17.500	10692	-0.561	-1.031	3.2	2.0
10YR-72HR	I-BLDG B	BASE	72.00	15.252	17.500	118	0.000	5.935	3.3	14.1
10YR-72HR	IA-3	BASE	72.00	15.235	17.500	266	13.945	-5.596	45.7	-21.5
10YR-72HR	J-BLDG A	BASE	72.00	15.243	17.500	118	0.000	-4.629	5.9	-2.5
10YR-72HR	JA-1	BASE	72.00	15.253	17.500	292	-10.225	4.883	-24.0	31.5
10YR-72HR	K-LAKE-2	BASE	72.00	15.239	17.500	101584	2.174	3.349	-21.9	4.4
10YR-72HR	KA-21	BASE	72.00	15.242	17.500	293	4.883	-4.065	31.5	-70.9
10YR-72HR	L-LAKE 1	BASE	72.00	15.250	17.500	273136	-4.926	0.000	-26.8	0.0
10YR-72HR	M-LAKE 3	BASE	72.00	15.229	17.500	110601	16.340	6.566	57.8	7.9
10YR-72HR	N-PreDev	BASE	72.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	72.00	11.940	14.500	0	9.915	0.000	12.3	0.0
10YR-72HR	A-DET 6	BASE	73.00	15.213	17.500	123	0.000	1.685	5.2	6.2
10YR-72HR	AA-6D	BASE	73.00	15.211	17.500	31948	1.685	-7.105	6.2	-5.1
10YR-72HR	AB-65	BASE	73.00	15.211	17.500	16663	-1.183	0.000	0.1	0.0
10YR-72HR	AC-63	BASE	73.00	15.211	17.500	15410	-2.277	-0.851	-2.5	-2.4
10YR-72HR	B-DET 5E	BASE	73.00	15.205	17.500	114	0.000	-6.048	7.5	3.0
10YR-72HR	BA-5ED	BASE	73.00	15.211	17.500	42337	-6.048	5.240	3.0	9.1

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	BB-56	BASE	73.00	15.211	17.500	11503	3.799	1.110	5.9	2.4
10YR-72HR	C-DET 5W	BASE	73.00	15.225	17.500	123	0.000	13.326	8.1	13.9
10YR-72HR	CA-5WD	BASE	73.00	15.211	17.500	43474	14.767	-3.549	17.1	3.2
10YR-72HR	CB-54	BASE	73.00	15.211	17.500	12680	-3.549	0.575	3.2	5.5
10YR-72HR	D-DET 4N	BASE	73.00	15.211	17.500	129	0.000	-0.440	2.2	2.1
10YR-72HR	DA-DET 4	BASE	73.00	15.211	17.500	29814	0.135	0.333	8.6	6.6
10YR-72HR	E-DET 7E	BASE	73.00	15.218	17.500	114	0.000	6.052	5.8	12.3
10YR-72HR	EA-7ED	BASE	73.00	15.211	17.500	37700	6.052	-3.915	12.3	-0.9
10YR-72HR	EB-ME 104	BASE	73.00	15.211	17.500	10328	-2.668	0.000	-1.5	0.0
10YR-72HR	EC-CB 32	BASE	73.00	15.217	17.500	174	-2.535	22.190	-0.3	83.9
10YR-72HR	F-DET 7W	BASE	73.00	15.198	17.500	123	0.000	-13.228	8.8	-10.4
10YR-72HR	FA-7WD	BASE	73.00	15.211	17.500	44286	-15.325	2.111	-12.2	6.9
10YR-72HR	FB-7WD	BASE	73.00	15.211	17.500	135	0.000	-0.323	2.5	2.4
10YR-72HR	FC-CS 4	BASE	73.00	15.211	17.500	16916	1.788	0.316	9.3	6.7
10YR-72HR	G-DET 8E	BASE	73.00	15.205	17.500	128	0.000	8.785	5.1	16.5
10YR-72HR	GA-8ED	BASE	73.00	15.196	17.500	27455	8.785	-0.300	16.5	2.8
10YR-72HR	GB-CS 28	BASE	73.00	15.196	17.500	7364	1.674	2.147	4.8	4.7
10YR-72HR	H-DET 8W	BASE	73.00	15.188	17.500	128	0.000	-8.759	6.0	-4.9
10YR-72HR	HA-8WD	BASE	73.00	15.197	17.500	30696	-10.733	-0.963	-6.8	3.2
10YR-72HR	HB-CS 5	BASE	73.00	15.197	17.500	10605	-0.963	-1.177	3.2	1.9
10YR-72HR	I-BLDG B	BASE	73.00	15.208	17.500	118	0.000	5.753	3.3	14.6
10YR-72HR	IA-3	BASE	73.00	15.192	17.500	266	14.245	-5.653	46.9	-21.9
10YR-72HR	J-BLDG A	BASE	73.00	15.198	17.500	118	0.000	-5.099	5.9	-2.9
10YR-72HR	JA-1	BASE	73.00	15.210	17.500	292	-10.752	4.986	-24.8	31.9
10YR-72HR	K-LAKE-2	BASE	73.00	15.200	17.500	101397	-3.069	3.275	-22.0	4.7
10YR-72HR	KA-21	BASE	73.00	15.199	17.500	293	4.986	-10.728	31.9	-71.5
10YR-72HR	L-LAKE 1	BASE	73.00	15.211	17.500	272711	-8.188	0.000	-27.3	0.0
10YR-72HR	M-LAKE 3	BASE	73.00	15.190	17.500	110530	15.844	6.396	59.1	8.4
10YR-72HR	N-PreDev	BASE	73.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	73.00	11.785	14.500	0	9.671	0.000	13.2	0.0
10YR-72HR	A-DET 6	BASE	74.00	15.173	17.500	123	0.000	1.688	5.2	6.3
10YR-72HR	AA-6D	BASE	74.00	15.171	17.500	31768	1.688	-7.295	6.3	-5.7
10YR-72HR	AB-65	BASE	74.00	15.172	17.500	16570	-1.360	0.000	-0.0	0.0
10YR-72HR	AC-63	BASE	74.00	15.172	17.500	15324	-2.309	-0.810	-2.7	-2.5
10YR-72HR	B-DET 5E	BASE	74.00	15.165	17.500	114	0.000	-6.047	7.5	2.5
10YR-72HR	BA-5ED	BASE	74.00	15.172	17.500	42125	-6.047	5.127	2.5	9.5
10YR-72HR	BB-56	BASE	74.00	15.172	17.500	11446	3.661	1.049	6.2	2.4
10YR-72HR	C-DET 5W	BASE	74.00	15.185	17.500	124	0.000	13.062	8.1	15.0
10YR-72HR	CA-5WD	BASE	74.00	15.172	17.500	43257	14.528	-3.320	18.3	2.9
10YR-72HR	CB-54	BASE	74.00	15.172	17.500	12621	-3.320	0.652	2.9	5.5
10YR-72HR	D-DET 4N	BASE	74.00	15.172	17.500	129	0.000	-0.440	2.2	2.1
10YR-72HR	DA-DET 4	BASE	74.00	15.172	17.500	29715	0.213	0.451	8.7	6.6
10YR-72HR	E-DET 7E	BASE	74.00	15.179	17.500	114	0.000	6.052	5.8	12.8
10YR-72HR	EA-7ED	BASE	74.00	15.172	17.500	37491	6.052	-3.764	12.8	-1.2
10YR-72HR	EB-ME 104	BASE	74.00	15.172	17.500	10272	-2.598	0.000	-1.7	0.0
10YR-72HR	EC-CB 32	BASE	74.00	15.178	17.500	174	-2.576	22.154	-0.5	85.7
10YR-72HR	F-DET 7W	BASE	74.00	15.159	17.500	125	0.000	-12.982	8.8	-11.5
10YR-72HR	FA-7WD	BASE	74.00	15.172	17.500	44042	-14.958	2.131	-13.5	7.1
10YR-72HR	FB-7WD	BASE	74.00	15.172	17.500	135	0.000	-0.324	2.5	2.4
10YR-72HR	FC-CS 4	BASE	74.00	15.172	17.500	16822	1.807	0.431	9.5	6.8
10YR-72HR	G-DET 8E	BASE	74.00	15.165	17.500	129	0.000	8.606	5.1	17.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	74.00	15.157	17.500	27233	8.606	-0.348	17.2	2.8
10YR-72HR	GB-CS 28	BASE	74.00	15.157	17.500	7305	1.648	2.077	4.9	4.8
10YR-72HR	H-DET 8W	BASE	74.00	15.149	17.500	129	0.000	-8.583	6.0	-5.6
10YR-72HR	HA-8WD	BASE	74.00	15.157	17.500	30449	-10.579	-1.172	-7.7	3.1
10YR-72HR	HB-CS 5	BASE	74.00	15.157	17.500	10520	-1.172	-1.354	3.1	1.8
10YR-72HR	I-BLDG B	BASE	74.00	15.169	17.500	118	0.000	5.754	3.3	15.1
10YR-72HR	IA-3	BASE	74.00	15.153	17.500	266	14.247	-5.660	48.1	-22.4
10YR-72HR	J-BLDG A	BASE	74.00	15.159	17.500	118	0.000	-5.110	5.9	-3.3
10YR-72HR	JA-1	BASE	74.00	15.171	17.500	292	-10.770	5.064	-25.7	32.3
10YR-72HR	K-LAKE-2	BASE	74.00	15.161	17.500	101216	-4.046	3.205	-22.3	5.0
10YR-72HR	KA-21	BASE	74.00	15.159	17.500	293	5.064	-11.471	32.3	-72.4
10YR-72HR	L-LAKE 1	BASE	74.00	15.171	17.500	272283	-7.897	0.000	-28.0	0.0
10YR-72HR	M-LAKE 3	BASE	74.00	15.151	17.500	110460	15.737	6.231	60.4	8.9
10YR-72HR	N-PreDev	BASE	74.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	74.00	11.630	14.500	0	9.436	0.000	13.9	0.0
10YR-72HR	A-DET 6	BASE	75.00	15.135	17.500	123	0.000	1.692	5.2	6.5
10YR-72HR	AA-6D	BASE	75.00	15.133	17.500	31592	1.692	-7.372	6.5	-6.3
10YR-72HR	AB-65	BASE	75.00	15.133	17.500	16478	-1.306	0.000	-0.1	0.0
10YR-72HR	AC-63	BASE	75.00	15.133	17.500	15239	-2.391	-0.817	-2.9	-2.5
10YR-72HR	B-DET 5E	BASE	75.00	15.127	17.500	114	0.000	-6.047	7.5	2.0
10YR-72HR	BA-5ED	BASE	75.00	15.133	17.500	41917	-6.047	4.856	2.0	9.9
10YR-72HR	BB-56	BASE	75.00	15.133	17.500	11390	3.553	1.062	6.5	2.5
10YR-72HR	C-DET 5W	BASE	75.00	15.146	17.500	125	0.000	12.812	8.1	16.0
10YR-72HR	CA-5WD	BASE	75.00	15.133	17.500	43045	14.115	-3.313	19.5	2.6
10YR-72HR	CB-54	BASE	75.00	15.134	17.500	12562	-3.313	0.526	2.6	5.6
10YR-72HR	D-DET 4N	BASE	75.00	15.133	17.500	129	0.000	-0.440	2.2	2.1
10YR-72HR	DA-DET 4	BASE	75.00	15.133	17.500	29617	0.087	0.295	8.7	6.7
10YR-72HR	E-DET 7E	BASE	75.00	15.140	17.500	114	0.000	6.052	5.8	13.3
10YR-72HR	EA-7ED	BASE	75.00	15.133	17.500	37287	6.052	-3.621	13.3	-1.5
10YR-72HR	EB-ME 104	BASE	75.00	15.133	17.500	10216	-2.456	0.000	-1.9	0.0
10YR-72HR	EC-CB 32	BASE	75.00	15.140	17.500	174	-2.614	22.128	-0.7	87.6
10YR-72HR	F-DET 7W	BASE	75.00	15.121	17.500	126	0.000	-12.746	8.8	-12.6
10YR-72HR	FA-7WD	BASE	75.00	15.134	17.500	43803	-14.728	1.944	-14.7	7.2
10YR-72HR	FB-7WD	BASE	75.00	15.133	17.500	135	0.000	-0.324	2.5	2.4
10YR-72HR	FC-CS 4	BASE	75.00	15.133	17.500	16731	1.620	0.280	9.6	6.8
10YR-72HR	G-DET 8E	BASE	75.00	15.127	17.500	129	0.000	8.432	5.1	17.9
10YR-72HR	GA-8ED	BASE	75.00	15.119	17.500	27016	8.432	-0.278	17.9	2.8
10YR-72HR	GB-CS 28	BASE	75.00	15.118	17.500	7247	1.551	1.994	5.0	5.0
10YR-72HR	H-DET 8W	BASE	75.00	15.111	17.500	130	0.000	-8.410	6.0	-6.3
10YR-72HR	HA-8WD	BASE	75.00	15.119	17.500	30205	-10.238	-0.874	-8.6	3.0
10YR-72HR	HB-CS 5	BASE	75.00	15.119	17.500	10436	-0.874	-1.078	3.0	1.7
10YR-72HR	I-BLDG B	BASE	75.00	15.130	17.500	118	0.000	5.753	3.3	15.6
10YR-72HR	IA-3	BASE	75.00	15.115	17.500	266	14.267	-5.634	49.2	-22.9
10YR-72HR	J-BLDG A	BASE	75.00	15.121	17.500	118	0.000	-5.097	5.9	-3.7
10YR-72HR	JA-1	BASE	75.00	15.133	17.500	292	-10.731	4.993	-26.6	32.7
10YR-72HR	K-LAKE-2	BASE	75.00	15.122	17.500	101031	-2.825	3.134	-22.6	5.3
10YR-72HR	KA-21	BASE	75.00	15.121	17.500	293	4.993	-10.576	32.7	-73.4
10YR-72HR	L-LAKE 1	BASE	75.00	15.133	17.500	271871	-8.255	0.000	-28.7	0.0
10YR-72HR	M-LAKE 3	BASE	75.00	15.113	17.500	110392	15.607	6.072	61.7	9.5
10YR-72HR	N-PreDev	BASE	75.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	75.00	11.475	14.500	0	9.207	0.000	14.7	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	76.00	15.097	17.500	123	0.000	1.691	5.2	6.6
10YR-72HR	AA-6D	BASE	76.00	15.095	17.500	31420	1.691	-7.320	6.6	-6.9
10YR-72HR	AB-65	BASE	76.00	15.095	17.500	16389	-1.319	0.000	-0.2	0.0
10YR-72HR	AC-63	BASE	76.00	15.095	17.500	15156	-2.329	-0.805	-3.1	-2.6
10YR-72HR	B-DET 5E	BASE	76.00	15.089	17.500	114	0.000	-6.047	7.5	1.5
10YR-72HR	BA-5ED	BASE	76.00	15.096	17.500	41714	-6.047	4.719	1.5	10.3
10YR-72HR	BB-56	BASE	76.00	15.096	17.500	11335	3.432	1.031	6.7	2.6
10YR-72HR	C-DET 5W	BASE	76.00	15.108	17.500	127	0.000	12.579	8.1	17.1
10YR-72HR	CA-5WD	BASE	76.00	15.096	17.500	42838	13.866	-3.142	20.7	2.4
10YR-72HR	CB-54	BASE	76.00	15.096	17.500	12505	-3.142	0.573	2.4	5.6
10YR-72HR	D-DET 4N	BASE	76.00	15.095	17.500	129	0.000	-0.440	2.2	2.0
10YR-72HR	DA-DET 4	BASE	76.00	15.096	17.500	29522	0.133	0.383	8.7	6.7
10YR-72HR	E-DET 7E	BASE	76.00	15.102	17.500	114	0.000	6.051	5.8	13.8
10YR-72HR	EA-7ED	BASE	76.00	15.096	17.500	37087	6.051	-3.471	13.8	-1.8
10YR-72HR	EB-ME 104	BASE	76.00	15.096	17.500	10162	-2.381	0.000	-2.1	0.0
10YR-72HR	EC-CB 32	BASE	76.00	15.102	17.500	174	-2.642	22.059	-1.0	89.4
10YR-72HR	F-DET 7W	BASE	76.00	15.083	17.500	127	0.000	-12.522	8.8	-13.6
10YR-72HR	FA-7WD	BASE	76.00	15.096	17.500	43569	-14.417	1.946	-15.9	7.4
10YR-72HR	FB-7WD	BASE	76.00	15.096	17.500	135	0.000	-0.325	2.5	2.3
10YR-72HR	FC-CS 4	BASE	76.00	15.096	17.500	16642	1.621	0.370	9.7	6.8
10YR-72HR	G-DET 8E	BASE	76.00	15.089	17.500	130	0.000	8.261	5.1	18.6
10YR-72HR	GA-8ED	BASE	76.00	15.081	17.500	26803	8.261	-0.332	18.6	2.8
10YR-72HR	GB-CS 28	BASE	76.00	15.081	17.500	7190	1.467	1.884	5.2	5.2
10YR-72HR	H-DET 8W	BASE	76.00	15.073	17.500	130	0.000	-8.242	6.0	-7.0
10YR-72HR	HA-8WD	BASE	76.00	15.081	17.500	29967	-10.041	-1.022	-9.4	2.9
10YR-72HR	HB-CS 5	BASE	76.00	15.081	17.500	10354	-1.022	-1.218	2.9	1.6
10YR-72HR	I-BLDG B	BASE	76.00	15.093	17.500	118	0.000	5.742	3.3	16.0
10YR-72HR	IA-3	BASE	76.00	15.077	17.500	266	14.209	-5.593	50.4	-23.3
10YR-72HR	J-BLDG A	BASE	76.00	15.084	17.500	118	0.000	-4.991	5.9	-4.2
10YR-72HR	JA-1	BASE	76.00	15.095	17.500	292	-10.584	4.232	-27.5	33.1
10YR-72HR	K-LAKE-2	BASE	76.00	15.084	17.500	100855	1.801	3.069	-22.6	5.5
10YR-72HR	KA-21	BASE	76.00	15.087	17.500	293	4.232	-4.328	33.1	-74.0
10YR-72HR	L-LAKE 1	BASE	76.00	15.095	17.500	271462	-6.593	0.000	-29.3	0.0
10YR-72HR	M-LAKE 3	BASE	76.00	15.075	17.500	110324	15.476	5.920	63.0	10.0
10YR-72HR	N-PreDev	BASE	76.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	76.00	11.320	14.500	0	8.989	0.000	15.5	0.0
10YR-72HR	A-DET 6	BASE	77.00	15.060	17.500	123	0.000	1.685	5.2	6.7
10YR-72HR	AA-6D	BASE	77.00	15.058	17.500	31251	1.685	-6.718	6.7	-7.5
10YR-72HR	AB-65	BASE	77.00	15.058	17.500	16301	-1.021	0.000	-0.3	0.0
10YR-72HR	AC-63	BASE	77.00	15.058	17.500	15075	-2.007	-0.819	-3.3	-2.7
10YR-72HR	B-DET 5E	BASE	77.00	15.052	17.500	114	0.000	-6.046	7.5	1.0
10YR-72HR	BA-5ED	BASE	77.00	15.059	17.500	41515	-6.046	4.497	1.0	10.7
10YR-72HR	BB-56	BASE	77.00	15.059	17.500	11281	3.327	1.049	7.0	2.7
10YR-72HR	C-DET 5W	BASE	77.00	15.071	17.500	128	0.000	12.352	8.1	18.1
10YR-72HR	CA-5WD	BASE	77.00	15.059	17.500	42634	13.522	-3.101	21.8	2.1
10YR-72HR	CB-54	BASE	77.00	15.059	17.500	12449	-3.101	0.477	2.1	5.7
10YR-72HR	D-DET 4N	BASE	77.00	15.058	17.500	129	0.000	-0.440	2.2	2.0
10YR-72HR	DA-DET 4	BASE	77.00	15.059	17.500	29428	0.037	0.262	8.7	6.7
10YR-72HR	E-DET 7E	BASE	77.00	15.065	17.500	114	0.000	6.051	5.8	14.3
10YR-72HR	EA-7ED	BASE	77.00	15.059	17.500	36891	6.051	-3.353	14.3	-2.1
10YR-72HR	EB-ME 104	BASE	77.00	15.059	17.500	10109	-2.289	0.000	-2.3	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	EC-CB 32	BASE	77.00	15.065	17.500	174	-2.641	22.070	-1.2	91.2
10YR-72HR	F-DET 7W	BASE	77.00	15.047	17.500	128	0.000	-12.302	8.8	-14.7
10YR-72HR	FA-7WD	BASE	77.00	15.059	17.500	43340	-14.185	1.794	-17.1	7.6
10YR-72HR	FB-7WD	BASE	77.00	15.059	17.500	135	0.000	-0.325	2.5	2.3
10YR-72HR	FC-CS 4	BASE	77.00	15.059	17.500	16554	1.469	0.251	9.9	6.8
10YR-72HR	G-DET 8E	BASE	77.00	15.052	17.500	131	0.000	8.095	5.1	19.3
10YR-72HR	GA-8ED	BASE	77.00	15.044	17.500	26594	8.095	-0.281	19.3	2.7
10YR-72HR	GB-CS 28	BASE	77.00	15.044	17.500	7135	1.400	1.820	5.3	5.3
10YR-72HR	H-DET 8W	BASE	77.00	15.036	17.500	131	0.000	-8.076	6.0	-7.7
10YR-72HR	HA-8WD	BASE	77.00	15.044	17.500	29733	-9.758	-0.798	-10.2	2.9
10YR-72HR	HB-CS 5	BASE	77.00	15.044	17.500	10273	-0.798	-1.000	2.9	1.5
10YR-72HR	I-BLDG B	BASE	77.00	15.056	17.500	118	0.000	5.752	3.3	16.5
10YR-72HR	IA-3	BASE	77.00	15.040	17.500	266	14.283	-5.609	51.6	-23.8
10YR-72HR	J-BLDG A	BASE	77.00	15.046	17.500	118	0.000	-5.087	5.9	-4.6
10YR-72HR	JA-1	BASE	77.00	15.058	17.500	292	-10.696	4.939	-28.4	33.5
10YR-72HR	K-LAKE-2	BASE	77.00	15.047	17.500	100678	-2.087	3.004	-22.6	5.8
10YR-72HR	KA-21	BASE	77.00	15.047	17.500	293	4.939	-9.859	33.5	-74.6
10YR-72HR	L-LAKE 1	BASE	77.00	15.058	17.500	271067	-8.259	0.000	-29.9	0.0
10YR-72HR	M-LAKE 3	BASE	77.00	15.039	17.500	110258	15.359	5.774	64.2	10.4
10YR-72HR	N-PreDev	BASE	77.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	77.00	11.165	14.500	0	8.778	0.000	16.2	0.0
10YR-72HR	A-DET 6	BASE	78.00	15.024	17.500	123	0.000	1.685	5.2	6.9
10YR-72HR	AA-6D	BASE	78.00	15.022	17.500	31086	1.685	-6.712	6.9	-8.0
10YR-72HR	AB-65	BASE	78.00	15.022	17.500	16215	-0.991	0.000	-0.4	0.0
10YR-72HR	AC-63	BASE	78.00	15.022	17.500	14996	-2.053	-0.805	-3.4	-2.7
10YR-72HR	B-DET 5E	BASE	78.00	15.016	17.500	114	0.000	-6.046	7.5	0.5
10YR-72HR	BA-5ED	BASE	78.00	15.023	17.500	41320	-6.046	4.347	0.5	11.1
10YR-72HR	BB-56	BASE	78.00	15.023	17.500	11229	3.222	1.041	7.3	2.8
10YR-72HR	C-DET 5W	BASE	78.00	15.034	17.500	128	0.000	12.137	8.1	19.1
10YR-72HR	CA-5WD	BASE	78.00	15.023	17.500	42435	13.262	-2.980	22.9	1.9
10YR-72HR	CB-54	BASE	78.00	15.023	17.500	12394	-2.980	0.483	1.9	5.7
10YR-72HR	D-DET 4N	BASE	78.00	15.022	17.500	129	0.000	-0.440	2.2	2.0
10YR-72HR	DA-DET 4	BASE	78.00	15.023	17.500	29336	0.043	0.281	8.7	6.7
10YR-72HR	E-DET 7E	BASE	78.00	15.029	17.500	114	0.000	6.051	5.8	14.8
10YR-72HR	EA-7ED	BASE	78.00	15.023	17.500	36699	6.051	-3.229	14.8	-2.3
10YR-72HR	EB-ME 104	BASE	78.00	15.023	17.500	10057	-2.211	0.000	-2.5	0.0
10YR-72HR	EC-CB 32	BASE	78.00	15.029	17.500	174	-2.626	22.046	-1.4	93.0
10YR-72HR	F-DET 7W	BASE	78.00	15.011	17.500	129	0.000	-12.092	8.8	-15.7
10YR-72HR	FA-7WD	BASE	78.00	15.023	17.500	43115	-13.914	1.750	-18.2	7.7
10YR-72HR	FB-7WD	BASE	78.00	15.022	17.500	135	0.000	-0.326	2.5	2.3
10YR-72HR	FC-CS 4	BASE	78.00	15.023	17.500	16469	1.424	0.269	10.0	6.9
10YR-72HR	G-DET 8E	BASE	78.00	15.015	17.500	131	0.000	7.931	5.1	20.0
10YR-72HR	GA-8ED	BASE	78.00	15.008	17.500	26389	7.931	-0.293	20.0	2.7
10YR-72HR	GB-CS 28	BASE	78.00	15.008	17.500	7080	1.343	1.744	5.4	5.5
10YR-72HR	H-DET 8W	BASE	78.00	15.000	17.500	131	0.000	-7.914	6.0	-8.3
10YR-72HR	HA-8WD	BASE	78.00	15.008	17.500	29504	-9.550	-0.823	-11.0	2.8
10YR-72HR	HB-CS 5	BASE	78.00	15.008	17.500	10194	-0.823	-1.013	2.8	1.5
10YR-72HR	I-BLDG B	BASE	78.00	15.019	17.500	118	0.000	5.751	3.3	17.0
10YR-72HR	IA-3	BASE	78.00	15.004	17.500	266	14.282	-5.603	52.8	-24.3
10YR-72HR	J-BLDG A	BASE	78.00	15.010	17.500	118	0.000	-5.087	5.9	-5.0
10YR-72HR	JA-1	BASE	78.00	15.022	17.500	292	-10.690	4.941	-29.2	33.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	K-LAKE-2	BASE	78.00	15.011	17.500	100508	-2.069	2.943	-22.8	6.0
10YR-72HR	KA-21	BASE	78.00	15.010	17.500	293	4.941	-9.822	33.9	-75.4
10YR-72HR	L-LAKE 1	BASE	78.00	15.022	17.500	270676	-8.217	0.000	-30.6	0.0
10YR-72HR	M-LAKE 3	BASE	78.00	15.003	17.500	110194	15.259	5.634	65.5	10.9
10YR-72HR	N-PreDev	BASE	78.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	78.00	11.010	14.500	0	8.577	0.000	16.9	0.0
10YR-72HR	A-DET 6	BASE	79.00	14.988	17.500	123	0.000	1.685	5.2	7.0
10YR-72HR	AA-6D	BASE	79.00	14.987	17.500	30923	1.685	-6.642	7.0	-8.6
10YR-72HR	AB-65	BASE	79.00	14.987	17.500	16136	-0.966	0.000	-0.5	0.0
10YR-72HR	AC-63	BASE	79.00	14.987	17.500	14918	-1.997	-0.791	-3.6	-2.8
10YR-72HR	B-DET 5E	BASE	79.00	14.981	17.500	115	0.000	-5.983	7.5	0.0
10YR-72HR	BA-5ED	BASE	79.00	14.987	17.500	41129	-5.983	4.183	0.0	11.4
10YR-72HR	BB-56	BASE	79.00	14.987	17.500	11183	3.112	1.023	7.6	2.9
10YR-72HR	C-DET 5W	BASE	79.00	14.999	17.500	129	0.000	11.928	8.1	20.1
10YR-72HR	CA-5WD	BASE	79.00	14.987	17.500	42240	12.999	-2.881	24.0	1.6
10YR-72HR	CB-54	BASE	79.00	14.987	17.500	12340	-2.881	0.464	1.6	5.7
10YR-72HR	D-DET 4N	BASE	79.00	14.987	17.500	129	0.000	-0.440	2.2	1.9
10YR-72HR	DA-DET 4	BASE	79.00	14.987	17.500	29245	0.024	0.267	8.7	6.8
10YR-72HR	E-DET 7E	BASE	79.00	14.994	17.500	114	0.000	6.059	5.8	15.3
10YR-72HR	EA-7ED	BASE	79.00	14.987	17.500	36511	6.059	-3.116	15.3	-2.6
10YR-72HR	EB-ME 104	BASE	79.00	14.987	17.500	10006	-2.134	0.000	-2.7	0.0
10YR-72HR	EC-CB 32	BASE	79.00	14.994	17.500	174	-2.656	22.012	-1.6	94.9
10YR-72HR	F-DET 7W	BASE	79.00	14.976	17.500	130	0.000	-11.887	8.8	-16.7
10YR-72HR	FA-7WD	BASE	79.00	14.987	17.500	42895	-13.660	1.685	-19.4	7.9
10YR-72HR	FB-7WD	BASE	79.00	14.987	17.500	135	0.000	-0.326	2.5	2.3
10YR-72HR	FC-CS 4	BASE	79.00	14.987	17.500	16385	1.358	0.257	10.1	6.9
10YR-72HR	G-DET 8E	BASE	79.00	14.980	17.500	132	0.000	7.772	5.1	20.6
10YR-72HR	GA-8ED	BASE	79.00	14.972	17.500	26189	7.772	-0.281	20.6	2.7
10YR-72HR	GB-CS 28	BASE	79.00	14.972	17.500	7027	1.299	1.687	5.5	5.6
10YR-72HR	H-DET 8W	BASE	79.00	14.965	17.500	132	0.000	-7.757	6.0	-9.0
10YR-72HR	HA-8WD	BASE	79.00	14.973	17.500	29280	-9.337	-0.791	-11.8	2.7
10YR-72HR	HB-CS 5	BASE	79.00	14.973	17.500	10117	-0.791	-0.975	2.7	1.4
10YR-72HR	I-BLDG B	BASE	79.00	14.984	17.500	118	0.000	5.751	3.3	17.5
10YR-72HR	IA-3	BASE	79.00	14.969	17.500	266	14.290	-5.599	54.0	-24.7
10YR-72HR	J-BLDG A	BASE	79.00	14.974	17.500	118	0.000	-5.090	5.9	-5.4
10YR-72HR	JA-1	BASE	79.00	14.986	17.500	292	-10.689	4.970	-30.1	34.3
10YR-72HR	K-LAKE-2	BASE	79.00	14.975	17.500	100341	-2.206	2.885	-23.0	6.2
10YR-72HR	KA-21	BASE	79.00	14.975	17.500	293	4.970	-10.019	34.3	-76.2
10YR-72HR	L-LAKE 1	BASE	79.00	14.987	17.500	270293	-8.265	0.000	-31.3	0.0
10YR-72HR	M-LAKE 3	BASE	79.00	14.967	17.500	110130	15.160	5.500	66.8	11.4
10YR-72HR	N-PreDev	BASE	79.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	79.00	10.855	14.500	0	8.385	0.000	17.6	0.0
10YR-72HR	A-DET 6	BASE	80.00	14.954	17.500	123	0.000	1.685	5.2	7.2
10YR-72HR	AA-6D	BASE	80.00	14.952	17.500	30764	1.685	-6.480	7.2	-9.1
10YR-72HR	AB-65	BASE	80.00	14.952	17.500	16089	-0.926	0.000	-0.6	0.0
10YR-72HR	AC-63	BASE	80.00	14.952	17.500	14841	-1.866	-0.780	-3.8	-2.9
10YR-72HR	B-DET 5E	BASE	80.00	14.946	17.500	119	0.000	-5.812	7.5	-0.5
10YR-72HR	BA-5ED	BASE	80.00	14.952	17.500	40945	-5.812	4.006	-0.5	11.8
10YR-72HR	BB-56	BASE	80.00	14.952	17.500	11167	2.992	1.004	7.8	3.0
10YR-72HR	C-DET 5W	BASE	80.00	14.964	17.500	130	0.000	11.722	8.1	21.1
10YR-72HR	CA-5WD	BASE	80.00	14.952	17.500	42048	12.736	-2.785	25.1	1.4

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	80.00	14.952	17.500	12286	-2.785	0.447	1.4	5.8
10YR-72HR	D-DET 4N	BASE	80.00	14.952	17.500	129	0.000	-0.440	2.2	1.9
10YR-72HR	DA-DET 4	BASE	80.00	14.952	17.500	29157	0.006	0.255	8.7	6.8
10YR-72HR	E-DET 7E	BASE	80.00	14.958	17.500	118	0.000	5.842	5.8	15.8
10YR-72HR	EA-7ED	BASE	80.00	14.952	17.500	36330	5.842	-2.971	15.8	-2.8
10YR-72HR	EB-ME 104	BASE	80.00	14.952	17.500	9955	-2.037	0.000	-2.8	0.0
10YR-72HR	EC-CB 32	BASE	80.00	14.959	17.500	174	-2.684	21.978	-1.8	96.7
10YR-72HR	F-DET 7W	BASE	80.00	14.941	17.500	130	0.000	-11.684	8.8	-17.6
10YR-72HR	FA-7WD	BASE	80.00	14.952	17.500	42678	-13.398	1.623	-20.5	8.0
10YR-72HR	FB-7WD	BASE	80.00	14.952	17.500	135	0.000	-0.327	2.5	2.2
10YR-72HR	FC-CS 4	BASE	80.00	14.952	17.500	16302	1.296	0.246	10.2	6.9
10YR-72HR	G-DET 8E	BASE	80.00	14.945	17.500	132	0.000	7.617	5.1	21.2
10YR-72HR	GA-8ED	BASE	80.00	14.938	17.500	25993	7.617	-0.269	21.2	2.7
10YR-72HR	GB-CS 28	BASE	80.00	14.938	17.500	6975	1.258	1.633	5.6	5.7
10YR-72HR	H-DET 8W	BASE	80.00	14.931	17.500	133	0.000	-7.602	6.0	-9.6
10YR-72HR	HA-8WD	BASE	80.00	14.938	17.500	29061	-9.129	-0.763	-12.6	2.7
10YR-72HR	HB-CS 5	BASE	80.00	14.938	17.500	10042	-0.763	-0.940	2.7	1.3
10YR-72HR	I-BLDG B	BASE	80.00	14.949	17.500	118	0.000	5.751	3.3	17.9
10YR-72HR	IA-3	BASE	80.00	14.934	17.500	266	14.296	-5.594	55.1	-25.2
10YR-72HR	J-BLDG A	BASE	80.00	14.940	17.500	118	0.000	-5.093	5.9	-5.8
10YR-72HR	JA-1	BASE	80.00	14.952	17.500	292	-10.687	4.996	-31.0	34.7
10YR-72HR	K-LAKE-2	BASE	80.00	14.940	17.500	100178	-2.330	2.828	-23.1	6.5
10YR-72HR	KA-21	BASE	80.00	14.940	17.500	293	4.996	-10.193	34.7	-77.0
10YR-72HR	L-LAKE 1	BASE	80.00	14.952	17.500	269918	-8.302	0.000	-31.9	0.0
10YR-72HR	M-LAKE 3	BASE	80.00	14.933	17.500	110068	15.065	5.372	68.0	11.8
10YR-72HR	N-PreDev	BASE	80.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	80.00	10.700	14.500	0	8.200	0.000	18.3	0.0
10YR-72HR	A-DET 6	BASE	81.00	14.919	17.500	123	0.000	1.685	5.2	7.3
10YR-72HR	AA-6D	BASE	81.00	14.918	17.500	30608	1.685	-6.425	7.3	-9.7
10YR-72HR	AB-65	BASE	81.00	14.918	17.500	16024	-0.900	0.000	-0.7	0.0
10YR-72HR	AC-63	BASE	81.00	14.918	17.500	14766	-1.827	-0.766	-3.9	-2.9
10YR-72HR	B-DET 5E	BASE	81.00	14.912	17.500	121	0.000	-5.701	7.5	-0.9
10YR-72HR	BA-5ED	BASE	81.00	14.918	17.500	40763	-5.701	3.848	-0.9	12.1
10YR-72HR	BB-56	BASE	81.00	14.918	17.500	11134	2.884	0.986	8.1	3.0
10YR-72HR	C-DET 5W	BASE	81.00	14.929	17.500	131	0.000	11.519	8.1	22.1
10YR-72HR	CA-5WD	BASE	81.00	14.918	17.500	41859	12.484	-2.693	26.1	1.2
10YR-72HR	CB-54	BASE	81.00	14.918	17.500	12234	-2.693	0.431	1.2	5.8
10YR-72HR	D-DET 4N	BASE	81.00	14.918	17.500	129	0.000	-0.440	2.2	1.9
10YR-72HR	DA-DET 4	BASE	81.00	14.918	17.500	29069	-0.010	0.244	8.7	6.8
10YR-72HR	E-DET 7E	BASE	81.00	14.924	17.500	120	0.000	5.724	5.8	16.2
10YR-72HR	EA-7ED	BASE	81.00	14.918	17.500	36151	5.724	-2.851	16.2	-3.1
10YR-72HR	EB-ME 104	BASE	81.00	14.918	17.500	9906	-1.955	0.000	-3.0	0.0
10YR-72HR	EC-CB 32	BASE	81.00	14.925	17.500	174	-2.712	21.942	-2.1	98.5
10YR-72HR	F-DET 7W	BASE	81.00	14.907	17.500	131	0.000	-11.485	8.8	-18.6
10YR-72HR	FA-7WD	BASE	81.00	14.918	17.500	42466	-13.147	1.564	-21.6	8.1
10YR-72HR	FB-7WD	BASE	81.00	14.918	17.500	135	0.000	-0.327	2.5	2.2
10YR-72HR	FC-CS 4	BASE	81.00	14.918	17.500	16221	1.237	0.236	10.3	6.9
10YR-72HR	G-DET 8E	BASE	81.00	14.911	17.500	133	0.000	7.463	5.1	21.9
10YR-72HR	GA-8ED	BASE	81.00	14.904	17.500	25801	7.463	-0.257	21.9	2.6
10YR-72HR	GB-CS 28	BASE	81.00	14.904	17.500	6924	1.221	1.582	5.7	5.9
10YR-72HR	H-DET 8W	BASE	81.00	14.897	17.500	133	0.000	-7.449	6.0	-10.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	81.00	14.904	17.500	28846	-8.927	-0.737	-13.3	2.6
10YR-72HR	HB-CS 5	BASE	81.00	14.904	17.500	9968	-0.737	-0.908	2.6	1.2
10YR-72HR	I-BLDG B	BASE	81.00	14.915	17.500	118	0.000	5.752	3.3	18.4
10YR-72HR	IA-3	BASE	81.00	14.900	17.500	266	14.302	-5.590	56.3	-25.6
10YR-72HR	J-BLDG A	BASE	81.00	14.905	17.500	118	0.000	-5.095	5.9	-6.3
10YR-72HR	JA-1	BASE	81.00	14.918	17.500	292	-10.686	5.020	-31.9	35.1
10YR-72HR	K-LAKE-2	BASE	81.00	14.906	17.500	100018	-2.443	2.775	-23.3	6.7
10YR-72HR	KA-21	BASE	81.00	14.906	17.500	293	5.020	-10.347	35.1	-77.9
10YR-72HR	L-LAKE 1	BASE	81.00	14.918	17.500	269549	-8.332	0.000	-32.6	0.0
10YR-72HR	M-LAKE 3	BASE	81.00	14.899	17.500	110007	14.974	5.249	69.3	12.3
10YR-72HR	N-PreDev	BASE	81.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	81.00	10.545	14.500	0	8.024	0.000	19.0	0.0
10YR-72HR	A-DET 6	BASE	82.00	14.886	17.500	123	0.000	1.685	5.2	7.4
10YR-72HR	AA-6D	BASE	82.00	14.884	17.500	30454	1.685	-6.366	7.4	-10.2
10YR-72HR	AB-65	BASE	82.00	14.884	17.500	15957	-0.875	0.000	-0.7	0.0
10YR-72HR	AC-63	BASE	82.00	14.884	17.500	14693	-1.787	-0.752	-4.1	-3.0
10YR-72HR	B-DET 5E	BASE	82.00	14.879	17.500	122	0.000	-5.601	7.5	-1.4
10YR-72HR	BA-5ED	BASE	82.00	14.885	17.500	40583	-5.601	3.699	-1.4	12.4
10YR-72HR	BB-56	BASE	82.00	14.884	17.500	11098	2.781	0.969	8.3	3.1
10YR-72HR	C-DET 5W	BASE	82.00	14.895	17.500	131	0.000	11.323	8.1	23.0
10YR-72HR	CA-5WD	BASE	82.00	14.885	17.500	41674	12.241	-2.603	27.1	1.0
10YR-72HR	CB-54	BASE	82.00	14.885	17.500	12182	-2.603	0.416	1.0	5.8
10YR-72HR	D-DET 4N	BASE	82.00	14.884	17.500	129	0.000	-0.440	2.2	1.8
10YR-72HR	DA-DET 4	BASE	82.00	14.885	17.500	28983	-0.024	0.235	8.7	6.8
10YR-72HR	E-DET 7E	BASE	82.00	14.890	17.500	122	0.000	5.619	5.8	16.7
10YR-72HR	EA-7ED	BASE	82.00	14.885	17.500	35974	5.619	-2.738	16.7	-3.3
10YR-72HR	EB-ME 104	BASE	82.00	14.885	17.500	9858	-1.877	0.000	-3.2	0.0
10YR-72HR	EC-CB 32	BASE	82.00	14.892	17.500	174	-2.736	21.905	-2.3	100.3
10YR-72HR	F-DET 7W	BASE	82.00	14.874	17.500	132	0.000	-11.292	8.8	-19.5
10YR-72HR	FA-7WD	BASE	82.00	14.885	17.500	42257	-12.905	1.507	-22.7	8.2
10YR-72HR	FB-7WD	BASE	82.00	14.884	17.500	135	0.000	-0.328	2.5	2.2
10YR-72HR	FC-CS 4	BASE	82.00	14.885	17.500	16142	1.179	0.226	10.4	6.9
10YR-72HR	G-DET 8E	BASE	82.00	14.877	17.500	133	0.000	7.314	5.1	22.5
10YR-72HR	GA-8ED	BASE	82.00	14.870	17.500	25612	7.314	-0.245	22.5	2.6
10YR-72HR	GB-CS 28	BASE	82.00	14.870	17.500	6874	1.186	1.535	5.8	6.0
10YR-72HR	H-DET 8W	BASE	82.00	14.864	17.500	133	0.000	-7.301	6.0	-10.8
10YR-72HR	HA-8WD	BASE	82.00	14.870	17.500	28635	-8.732	-0.714	-14.1	2.5
10YR-72HR	HB-CS 5	BASE	82.00	14.871	17.500	9895	-0.714	-0.878	2.5	1.2
10YR-72HR	I-BLDG B	BASE	82.00	14.882	17.500	118	0.000	5.752	3.3	18.9
10YR-72HR	IA-3	BASE	82.00	14.866	17.500	266	14.307	-5.586	57.5	-26.1
10YR-72HR	J-BLDG A	BASE	82.00	14.872	17.500	118	0.000	-5.098	5.9	-6.7
10YR-72HR	JA-1	BASE	82.00	14.884	17.500	292	-10.684	5.041	-32.8	35.6
10YR-72HR	K-LAKE-2	BASE	82.00	14.873	17.500	99860	-2.546	2.723	-23.5	6.9
10YR-72HR	KA-21	BASE	82.00	14.872	17.500	293	5.041	-10.485	35.6	-78.7
10YR-72HR	L-LAKE 1	BASE	82.00	14.884	17.500	269187	-8.355	0.000	-33.3	0.0
10YR-72HR	M-LAKE 3	BASE	82.00	14.866	17.500	109948	14.885	5.132	70.5	12.7
10YR-72HR	N-PreDev	BASE	82.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	82.00	10.390	14.500	0	7.855	0.000	19.6	0.0
10YR-72HR	A-DET 6	BASE	83.00	14.853	17.500	123	0.000	1.684	5.2	7.6
10YR-72HR	AA-6D	BASE	83.00	14.851	17.500	30304	1.684	-6.253	7.6	-10.7
10YR-72HR	AB-65	BASE	83.00	14.851	17.500	15889	-0.871	0.000	-0.8	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	AC-63	BASE	83.00	14.851	17.500	14620	-1.690	-0.739	-4.2	-3.1
10YR-72HR	B-DET 5E	BASE	83.00	14.846	17.500	123	0.000	-5.506	7.5	-1.9
10YR-72HR	BA-5ED	BASE	83.00	14.852	17.500	40407	-5.506	3.617	-1.9	12.7
10YR-72HR	BB-56	BASE	83.00	14.851	17.500	11061	2.696	0.936	8.5	3.2
10YR-72HR	C-DET 5W	BASE	83.00	14.862	17.500	132	0.000	11.131	8.1	23.9
10YR-72HR	CA-5WD	BASE	83.00	14.852	17.500	41492	12.052	-2.520	28.1	0.7
10YR-72HR	CB-54	BASE	83.00	14.852	17.500	12131	-2.520	0.400	0.7	5.9
10YR-72HR	D-DET 4N	BASE	83.00	14.851	17.500	129	0.000	-0.440	2.2	1.8
10YR-72HR	DA-DET 4	BASE	83.00	14.852	17.500	28899	-0.040	0.225	8.7	6.8
10YR-72HR	E-DET 7E	BASE	83.00	14.857	17.500	123	0.000	5.521	5.8	17.2
10YR-72HR	EA-7ED	BASE	83.00	14.852	17.500	35801	5.521	-2.628	17.2	-3.5
10YR-72HR	EB-ME 104	BASE	83.00	14.852	17.500	9810	-1.802	0.000	-3.3	0.0
10YR-72HR	EC-CB 32	BASE	83.00	14.859	17.500	174	-2.756	21.867	-2.5	102.1
10YR-72HR	F-DET 7W	BASE	83.00	14.841	17.500	132	0.000	-11.103	8.8	-20.5
10YR-72HR	FA-7WD	BASE	83.00	14.852	17.500	42053	-12.667	1.454	-23.7	8.4
10YR-72HR	FB-7WD	BASE	83.00	14.851	17.500	135	0.000	-0.328	2.5	2.1
10YR-72HR	FC-CS 4	BASE	83.00	14.852	17.500	16064	1.126	0.218	10.5	7.0
10YR-72HR	G-DET 8E	BASE	83.00	14.844	17.500	134	0.000	7.168	5.1	23.1
10YR-72HR	GA-8ED	BASE	83.00	14.837	17.500	25427	7.168	-0.233	23.1	2.6
10YR-72HR	GB-CS 28	BASE	83.00	14.837	17.500	6824	1.154	1.491	5.9	6.1
10YR-72HR	H-DET 8W	BASE	83.00	14.831	17.500	134	0.000	-7.155	6.0	-11.4
10YR-72HR	HA-8WD	BASE	83.00	14.838	17.500	28427	-8.543	-0.692	-14.8	2.5
10YR-72HR	HB-CS 5	BASE	83.00	14.838	17.500	9824	-0.692	-0.850	2.5	1.1
10YR-72HR	I-BLDG B	BASE	83.00	14.849	17.500	118	0.000	5.752	3.3	19.4
10YR-72HR	IA-3	BASE	83.00	14.834	17.500	266	14.310	-5.582	58.7	-26.6
10YR-72HR	J-BLDG A	BASE	83.00	14.839	17.500	118	0.000	-5.100	5.9	-7.1
10YR-72HR	JA-1	BASE	83.00	14.851	17.500	292	-10.682	5.060	-33.7	36.0
10YR-72HR	K-LAKE-2	BASE	83.00	14.840	17.500	99706	-2.641	2.674	-23.8	7.2
10YR-72HR	KA-21	BASE	83.00	14.839	17.500	293	5.060	-10.609	36.0	-79.6
10YR-72HR	L-LAKE 1	BASE	83.00	14.851	17.500	268832	-8.374	0.000	-34.0	0.0
10YR-72HR	M-LAKE 3	BASE	83.00	14.833	17.500	109889	14.799	5.021	71.7	13.1
10YR-72HR	N-PreDev	BASE	83.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	83.00	10.235	14.500	0	7.694	0.000	20.3	0.0
10YR-72HR	A-DET 6	BASE	84.00	14.821	17.500	123	0.000	1.684	5.2	7.7
10YR-72HR	AA-6D	BASE	84.00	14.819	17.500	30156	1.684	-6.199	7.7	-11.2
10YR-72HR	AB-65	BASE	84.00	14.819	17.500	15821	-0.847	0.000	-0.9	0.0
10YR-72HR	AC-63	BASE	84.00	14.819	17.500	14549	-1.661	-0.725	-4.4	-3.1
10YR-72HR	B-DET 5E	BASE	84.00	14.814	17.500	124	0.000	-5.413	7.5	-2.3
10YR-72HR	BA-5ED	BASE	84.00	14.819	17.500	40233	-5.413	3.481	-2.3	13.0
10YR-72HR	BB-56	BASE	84.00	14.819	17.500	11023	2.604	0.917	8.7	3.3
10YR-72HR	C-DET 5W	BASE	84.00	14.830	17.500	132	0.000	10.944	8.1	24.8
10YR-72HR	CA-5WD	BASE	84.00	14.819	17.500	41314	11.820	-2.436	29.1	0.5
10YR-72HR	CB-54	BASE	84.00	14.819	17.500	12081	-2.436	0.387	0.5	5.9
10YR-72HR	D-DET 4N	BASE	84.00	14.819	17.500	129	0.000	-0.440	2.2	1.7
10YR-72HR	DA-DET 4	BASE	84.00	14.819	17.500	28816	-0.053	0.218	8.7	6.9
10YR-72HR	E-DET 7E	BASE	84.00	14.825	17.500	124	0.000	5.426	5.8	17.6
10YR-72HR	EA-7ED	BASE	84.00	14.819	17.500	35630	5.426	-2.525	17.6	-3.7
10YR-72HR	EB-ME 104	BASE	84.00	14.819	17.500	9764	-1.732	0.000	-3.5	0.0
10YR-72HR	EC-CB 32	BASE	84.00	14.827	17.500	174	-2.774	21.828	-2.7	103.9
10YR-72HR	F-DET 7W	BASE	84.00	14.809	17.500	133	0.000	-10.917	8.8	-21.4
10YR-72HR	FA-7WD	BASE	84.00	14.819	17.500	41851	-12.435	1.402	-24.8	8.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	FB-7WD	BASE	84.00	14.819	17.500	135	0.000	-0.328	2.5	2.1
10YR-72HR	FC-CS 4	BASE	84.00	14.819	17.500	15987	1.074	0.210	10.6	7.0
10YR-72HR	G-DET 8E	BASE	84.00	14.812	17.500	134	0.000	7.024	5.1	23.7
10YR-72HR	GA-8ED	BASE	84.00	14.805	17.500	25245	7.024	-0.220	23.7	2.6
10YR-72HR	GB-CS 28	BASE	84.00	14.805	17.500	6776	1.125	1.449	6.0	6.2
10YR-72HR	H-DET 8W	BASE	84.00	14.799	17.500	134	0.000	-7.012	6.0	-12.0
10YR-72HR	HA-8WD	BASE	84.00	14.806	17.500	28224	-8.358	-0.673	-15.5	2.4
10YR-72HR	HB-CS 5	BASE	84.00	14.806	17.500	9754	-0.673	-0.824	2.4	1.0
10YR-72HR	I-BLDG B	BASE	84.00	14.817	17.500	118	0.000	5.751	3.3	19.8
10YR-72HR	IA-3	BASE	84.00	14.801	17.500	266	14.312	-5.579	59.9	-27.0
10YR-72HR	J-BLDG A	BASE	84.00	14.807	17.500	118	0.000	-5.102	5.9	-7.5
10YR-72HR	JA-1	BASE	84.00	14.819	17.500	292	-10.680	5.077	-34.5	36.4
10YR-72HR	K-LAKE-2	BASE	84.00	14.808	17.500	99554	-2.729	2.626	-24.0	7.4
10YR-72HR	KA-21	BASE	84.00	14.807	17.500	293	5.077	-10.721	36.4	-80.5
10YR-72HR	L-LAKE 1	BASE	84.00	14.819	17.500	268483	-8.388	0.000	-34.7	0.0
10YR-72HR	M-LAKE 3	BASE	84.00	14.801	17.500	109831	14.716	4.914	72.9	13.5
10YR-72HR	N-PreDev	BASE	84.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	84.00	10.080	14.500	0	7.540	0.000	20.9	0.0
10YR-72HR	A-DET 6	BASE	85.00	14.789	17.500	123	0.000	1.687	5.2	7.8
10YR-72HR	AA-6D	BASE	85.00	14.787	17.500	30010	1.687	-6.281	7.8	-11.8
10YR-72HR	AB-65	BASE	85.00	14.787	17.500	15754	-0.922	0.000	-0.9	0.0
10YR-72HR	AC-63	BASE	85.00	14.787	17.500	14479	-1.680	-0.712	-4.5	-3.2
10YR-72HR	B-DET 5E	BASE	85.00	14.782	17.500	125	0.000	-5.322	7.5	-2.7
10YR-72HR	BA-5ED	BASE	85.00	14.787	17.500	40062	-5.322	3.353	-2.7	13.3
10YR-72HR	BB-56	BASE	85.00	14.787	17.500	10984	2.521	0.888	8.9	3.4
10YR-72HR	C-DET 5W	BASE	85.00	14.797	17.500	133	0.000	10.759	8.1	25.7
10YR-72HR	CA-5WD	BASE	85.00	14.787	17.500	41138	11.592	-2.356	30.1	0.3
10YR-72HR	CB-54	BASE	85.00	14.787	17.500	12032	-2.356	0.375	0.3	5.9
10YR-72HR	D-DET 4N	BASE	85.00	14.787	17.500	129	0.000	-0.440	2.2	1.7
10YR-72HR	DA-DET 4	BASE	85.00	14.787	17.500	28735	-0.066	0.211	8.7	6.9
10YR-72HR	E-DET 7E	BASE	85.00	14.793	17.500	125	0.000	5.334	5.8	18.1
10YR-72HR	EA-7ED	BASE	85.00	14.787	17.500	35462	5.334	-2.426	18.1	-4.0
10YR-72HR	EB-ME 104	BASE	85.00	14.787	17.500	9718	-1.664	0.000	-3.6	0.0
10YR-72HR	EC-CB 32	BASE	85.00	14.795	17.500	174	-2.791	21.790	-3.0	105.7
10YR-72HR	F-DET 7W	BASE	85.00	14.777	17.500	133	0.000	-10.734	8.8	-22.3
10YR-72HR	FA-7WD	BASE	85.00	14.787	17.500	41653	-12.207	1.353	-25.8	8.6
10YR-72HR	FB-7WD	BASE	85.00	14.787	17.500	135	0.000	-0.329	2.5	2.1
10YR-72HR	FC-CS 4	BASE	85.00	14.787	17.500	15912	1.024	0.203	10.7	7.0
10YR-72HR	G-DET 8E	BASE	85.00	14.780	17.500	135	0.000	6.883	5.1	24.2
10YR-72HR	GA-8ED	BASE	85.00	14.774	17.500	25066	6.883	-0.208	24.2	2.6
10YR-72HR	GB-CS 28	BASE	85.00	14.774	17.500	6728	1.097	1.410	6.1	6.4
10YR-72HR	H-DET 8W	BASE	85.00	14.767	17.500	135	0.000	-6.872	6.0	-12.6
10YR-72HR	HA-8WD	BASE	85.00	14.774	17.500	28023	-8.178	-0.655	-16.1	2.4
10YR-72HR	HB-CS 5	BASE	85.00	14.774	17.500	9685	-0.655	-0.799	2.4	0.9
10YR-72HR	I-BLDG B	BASE	85.00	14.785	17.500	118	0.000	5.751	3.3	20.3
10YR-72HR	IA-3	BASE	85.00	14.770	17.500	266	14.314	-5.575	61.1	-27.5
10YR-72HR	J-BLDG A	BASE	85.00	14.775	17.500	118	0.000	-5.103	5.9	-7.9
10YR-72HR	JA-1	BASE	85.00	14.787	17.500	292	-10.679	5.093	-35.4	36.8
10YR-72HR	K-LAKE-2	BASE	85.00	14.776	17.500	99405	-2.810	2.581	-24.2	7.6
10YR-72HR	KA-21	BASE	85.00	14.775	17.500	293	5.093	-10.823	36.8	-81.4
10YR-72HR	L-LAKE 1	BASE	85.00	14.787	17.500	268140	-8.398	0.000	-35.4	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
10YR-72HR	M-LAKE 3	BASE	85.00	14.770	17.500	109774	14.637	4.812	74.1	13.9	
10YR-72HR	N-PreDev	BASE	85.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0	
10YR-72HR	O-CANAL	BASE	85.00	9.925	14.500	0	7.394	0.000	21.5	0.0	21.5-3.8=17.7 a-f
10YR-72HR	A-DET 6	BASE	86.00	14.757	17.500	123	0.000	1.687	5.2	8.0	
10YR-72HR	AA-6D	BASE	86.00	14.756	17.500	29867	1.687	-6.222	8.0	-12.3	
10YR-72HR	AB-65	BASE	86.00	14.756	17.500	15687	-0.895	0.000	-1.0	0.0	
10YR-72HR	AC-63	BASE	86.00	14.756	17.500	14411	-1.650	-0.700	-4.6	-3.2	
10YR-72HR	B-DET 5E	BASE	86.00	14.751	17.500	126	0.000	-5.231	7.5	-3.2	
10YR-72HR	BA-5ED	BASE	86.00	14.756	17.500	39895	-5.231	3.228	-3.2	13.6	
10YR-72HR	BB-56	BASE	86.00	14.756	17.500	10946	2.436	0.873	9.1	3.4	
10YR-72HR	C-DET 5W	BASE	86.00	14.766	17.500	133	0.000	10.578	8.1	26.6	
10YR-72HR	CA-5WD	BASE	86.00	14.756	17.500	40966	11.370	-2.278	31.0	0.1	
10YR-72HR	CB-54	BASE	86.00	14.756	17.500	11983	-2.278	0.363	0.1	6.0	
10YR-72HR	D-DET 4N	BASE	86.00	14.756	17.500	129	0.000	-0.441	2.2	1.7	
10YR-72HR	DA-DET 4	BASE	86.00	14.756	17.500	28654	-0.078	0.204	8.7	6.9	
10YR-72HR	E-DET 7E	BASE	86.00	14.761	17.500	125	0.000	5.242	5.8	18.5	
10YR-72HR	EA-7ED	BASE	86.00	14.756	17.500	35297	5.242	-2.329	18.5	-4.1	
10YR-72HR	EB-ME 104	BASE	86.00	14.756	17.500	9673	-1.598	0.000	-3.7	0.0	
10YR-72HR	EC-CB 32	BASE	86.00	14.764	17.500	174	-2.803	21.751	-3.2	107.5	
10YR-72HR	F-DET 7W	BASE	86.00	14.746	17.500	134	0.000	-10.555	8.8	-23.1	
10YR-72HR	FA-7WD	BASE	86.00	14.756	17.500	41459	-11.985	1.305	-26.8	8.7	
10YR-72HR	FB-7WD	BASE	86.00	14.756	17.500	135	0.000	-0.329	2.5	2.1	
10YR-72HR	FC-CS 4	BASE	86.00	14.756	17.500	15837	0.976	0.196	10.8	7.0	
10YR-72HR	G-DET 8E	BASE	86.00	14.749	17.500	135	0.000	6.745	5.1	24.8	
10YR-72HR	GA-8ED	BASE	86.00	14.742	17.500	24890	6.745	-0.196	24.8	2.5	
10YR-72HR	GB-CS 28	BASE	86.00	14.742	17.500	6682	1.072	1.372	6.2	6.5	
10YR-72HR	H-DET 8W	BASE	86.00	14.736	17.500	135	0.000	-6.734	6.0	-13.2	
10YR-72HR	HA-8WD	BASE	86.00	14.743	17.500	27826	-8.002	-0.639	-16.8	2.3	
10YR-72HR	HB-CS 5	BASE	86.00	14.743	17.500	9617	-0.639	-0.776	2.3	0.9	
10YR-72HR	I-BLDG B	BASE	86.00	14.754	17.500	118	0.000	5.751	3.3	20.8	
10YR-72HR	IA-3	BASE	86.00	14.738	17.500	266	14.315	-5.572	62.2	-28.0	
10YR-72HR	J-BLDG A	BASE	86.00	14.744	17.500	118	0.000	-5.105	5.9	-8.4	
10YR-72HR	JA-1	BASE	86.00	14.756	17.500	292	-10.677	5.107	-36.3	37.2	
10YR-72HR	K-LAKE-2	BASE	86.00	14.745	17.500	99259	-2.885	2.538	-24.4	7.8	
10YR-72HR	KA-21	BASE	86.00	14.744	17.500	293	5.107	-10.915	37.2	-82.3	
10YR-72HR	L-LAKE 1	BASE	86.00	14.756	17.500	267802	-8.406	0.000	-36.1	0.0	
10YR-72HR	M-LAKE 3	BASE	86.00	14.739	17.500	109719	14.560	4.716	75.4	14.3	
10YR-72HR	N-PreDev	BASE	86.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0	
10YR-72HR	O-CANAL	BASE	86.00	9.770	14.500	0	7.254	0.000	22.1	0.0	
10YR-72HR	A-DET 6	BASE	87.00	14.727	17.500	123	0.000	1.685	5.2	8.1	
10YR-72HR	AA-6D	BASE	87.00	14.725	17.500	29726	1.685	-5.992	8.1	-12.8	
10YR-72HR	AB-65	BASE	87.00	14.725	17.500	15620	-0.730	0.000	-1.1	0.0	
10YR-72HR	AC-63	BASE	87.00	14.725	17.500	14343	-1.575	-0.688	-4.8	-3.3	
10YR-72HR	B-DET 5E	BASE	87.00	14.720	17.500	126	0.000	-5.143	7.5	-3.6	
10YR-72HR	BA-5ED	BASE	87.00	14.725	17.500	39729	-5.143	3.106	-3.6	13.8	
10YR-72HR	BB-56	BASE	87.00	14.725	17.500	10908	2.354	0.876	9.3	3.5	
10YR-72HR	C-DET 5W	BASE	87.00	14.735	17.500	134	0.000	10.401	8.1	27.5	
10YR-72HR	CA-5WD	BASE	87.00	14.725	17.500	40796	11.153	-2.204	32.0	-0.0	
10YR-72HR	CB-54	BASE	87.00	14.725	17.500	11936	-2.204	0.351	-0.0	6.0	
10YR-72HR	D-DET 4N	BASE	87.00	14.725	17.500	129	0.000	-0.441	2.2	1.6	
10YR-72HR	DA-DET 4	BASE	87.00	14.725	17.500	28575	-0.090	0.198	8.7	6.9	

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	E-DET 7E	BASE	87.00	14.730	17.500	126	0.000	5.153	5.8	18.9
10YR-72HR	EA-7ED	BASE	87.00	14.725	17.500	35134	5.153	-2.236	18.9	-4.3
10YR-72HR	EB-ME 104	BASE	87.00	14.725	17.500	9628	-1.536	0.000	-3.9	0.0
10YR-72HR	EC-CB 32	BASE	87.00	14.733	17.500	174	-2.812	21.712	-3.4	109.3
10YR-72HR	F-DET 7W	BASE	87.00	14.716	17.500	134	0.000	-10.379	8.8	-24.0
10YR-72HR	FA-7WD	BASE	87.00	14.725	17.500	41267	-11.768	1.259	-27.8	8.8
10YR-72HR	FB-7WD	BASE	87.00	14.725	17.500	135	0.000	-0.329	2.5	2.0
10YR-72HR	FC-CS 4	BASE	87.00	14.725	17.500	15764	0.930	0.189	10.9	7.0
10YR-72HR	G-DET 8E	BASE	87.00	14.718	17.500	135	0.000	6.610	5.1	25.3
10YR-72HR	GA-8ED	BASE	87.00	14.712	17.500	24717	6.610	-0.185	25.3	2.5
10YR-72HR	GB-CS 28	BASE	87.00	14.712	17.500	6636	1.048	1.337	6.3	6.6
10YR-72HR	H-DET 8W	BASE	87.00	14.706	17.500	135	0.000	-6.600	6.0	-13.7
10YR-72HR	HA-8WD	BASE	87.00	14.712	17.500	27632	-7.832	-0.623	-17.5	2.3
10YR-72HR	HB-CS 5	BASE	87.00	14.712	17.500	9551	-0.623	-0.754	2.3	0.8
10YR-72HR	I-BLDG B	BASE	87.00	14.723	17.500	118	0.000	5.751	3.3	21.3
10YR-72HR	IA-3	BASE	87.00	14.708	17.500	266	14.314	-5.569	63.4	-28.4
10YR-72HR	J-BLDG A	BASE	87.00	14.713	17.500	118	0.000	-5.106	5.9	-8.8
10YR-72HR	JA-1	BASE	87.00	14.725	17.500	292	-10.675	5.121	-37.2	37.7
10YR-72HR	K-LAKE-2	BASE	87.00	14.714	17.500	99115	-2.955	2.497	-24.7	8.0
10YR-72HR	KA-21	BASE	87.00	14.713	17.500	293	5.121	-11.000	37.7	-83.2
10YR-72HR	L-LAKE 1	BASE	87.00	14.725	17.500	267470	-8.412	0.000	-36.8	0.0
10YR-72HR	M-LAKE 3	BASE	87.00	14.708	17.500	109664	14.486	4.624	76.6	14.7
10YR-72HR	N-PreDev	BASE	87.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	87.00	9.615	14.500	0	7.121	0.000	22.7	0.0
10YR-72HR	A-DET 6	BASE	88.00	14.696	17.500	123	0.000	1.684	5.2	8.3
10YR-72HR	AA-6D	BASE	88.00	14.695	17.500	29588	1.684	-5.981	8.3	-13.3
10YR-72HR	AB-65	BASE	88.00	14.695	17.500	15554	-0.745	0.000	-1.1	0.0
10YR-72HR	AC-63	BASE	88.00	14.695	17.500	14276	-1.561	-0.677	-4.9	-3.4
10YR-72HR	B-DET 5E	BASE	88.00	14.690	17.500	127	0.000	-5.054	7.5	-4.0
10YR-72HR	BA-5ED	BASE	88.00	14.695	17.500	39567	-5.054	2.985	-4.0	14.1
10YR-72HR	BB-56	BASE	88.00	14.695	17.500	10870	2.271	0.857	9.5	3.6
10YR-72HR	C-DET 5W	BASE	88.00	14.704	17.500	134	0.000	10.226	8.1	28.3
10YR-72HR	CA-5WD	BASE	88.00	14.695	17.500	40628	10.939	-2.132	32.9	-0.2
10YR-72HR	CB-54	BASE	88.00	14.695	17.500	11889	-2.132	0.340	-0.2	6.0
10YR-72HR	D-DET 4N	BASE	88.00	14.695	17.500	129	0.000	-0.441	2.2	1.6
10YR-72HR	DA-DET 4	BASE	88.00	14.695	17.500	28497	-0.101	0.192	8.7	6.9
10YR-72HR	E-DET 7E	BASE	88.00	14.700	17.500	127	0.000	5.064	5.8	19.3
10YR-72HR	EA-7ED	BASE	88.00	14.695	17.500	34974	5.064	-2.146	19.3	-4.5
10YR-72HR	EB-ME 104	BASE	88.00	14.695	17.500	9585	-1.475	0.000	-4.0	0.0
10YR-72HR	EC-CB 32	BASE	88.00	14.703	17.500	174	-2.819	21.673	-3.7	111.1
10YR-72HR	F-DET 7W	BASE	88.00	14.685	17.500	135	0.000	-10.205	8.8	-24.9
10YR-72HR	FA-7WD	BASE	88.00	14.695	17.500	41079	-11.553	1.216	-28.7	8.9
10YR-72HR	FB-7WD	BASE	88.00	14.695	17.500	135	0.000	-0.330	2.5	2.0
10YR-72HR	FC-CS 4	BASE	88.00	14.695	17.500	15693	0.886	0.183	10.9	7.0
10YR-72HR	G-DET 8E	BASE	88.00	14.688	17.500	136	0.000	6.477	5.1	25.9
10YR-72HR	GA-8ED	BASE	88.00	14.682	17.500	24546	6.477	-0.173	25.9	2.5
10YR-72HR	GB-CS 28	BASE	88.00	14.682	17.500	6590	1.026	1.304	6.4	6.7
10YR-72HR	H-DET 8W	BASE	88.00	14.676	17.500	136	0.000	-6.467	6.0	-14.3
10YR-72HR	HA-8WD	BASE	88.00	14.682	17.500	27442	-7.666	-0.610	-18.1	2.2
10YR-72HR	HB-CS 5	BASE	88.00	14.682	17.500	9485	-0.610	-0.734	2.2	0.8
10YR-72HR	I-BLDG B	BASE	88.00	14.693	17.500	118	0.000	5.750	3.3	21.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	88.00	14.677	17.500	266	14.314	-5.566	64.6	-28.9
10YR-72HR	J-BLDG A	BASE	88.00	14.683	17.500	118	0.000	-5.107	5.9	-9.2
10YR-72HR	JA-1	BASE	88.00	14.695	17.500	292	-10.674	5.133	-38.1	38.1
10YR-72HR	K-LAKE-2	BASE	88.00	14.684	17.500	98973	-3.020	2.458	-24.9	8.2
10YR-72HR	KA-21	BASE	88.00	14.683	17.500	293	5.133	-11.077	38.1	-84.1
10YR-72HR	L-LAKE 1	BASE	88.00	14.695	17.500	267143	-8.416	0.000	-37.5	0.0
10YR-72HR	M-LAKE 3	BASE	88.00	14.678	17.500	109610	14.414	4.538	77.7	15.1
10YR-72HR	N-PreDev	BASE	88.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	88.00	9.460	14.500	0	6.996	0.000	23.3	0.0
10YR-72HR	A-DET 6	BASE	89.00	14.666	17.500	123	0.000	1.685	5.2	8.4
10YR-72HR	AA-6D	BASE	89.00	14.665	17.500	29451	1.685	-5.883	8.4	-13.8
10YR-72HR	AB-65	BASE	89.00	14.665	17.500	15488	-0.682	0.000	-1.2	0.0
10YR-72HR	AC-63	BASE	89.00	14.665	17.500	14211	-1.531	-0.666	-5.0	-3.4
10YR-72HR	B-DET 5E	BASE	89.00	14.660	17.500	127	0.000	-4.966	7.5	-4.4
10YR-72HR	BA-5ED	BASE	89.00	14.665	17.500	39406	-4.966	2.874	-4.4	14.3
10YR-72HR	BB-56	BASE	89.00	14.665	17.500	10832	2.198	0.848	9.7	3.6
10YR-72HR	C-DET 5W	BASE	89.00	14.674	17.500	135	0.000	10.054	8.1	29.2
10YR-72HR	CA-5WD	BASE	89.00	14.665	17.500	40463	10.731	-2.063	33.8	-0.4
10YR-72HR	CB-54	BASE	89.00	14.665	17.500	11842	-2.063	0.328	-0.4	6.1
10YR-72HR	D-DET 4N	BASE	89.00	14.665	17.500	129	0.000	-0.441	2.2	1.6
10YR-72HR	DA-DET 4	BASE	89.00	14.665	17.500	28420	-0.112	0.187	8.7	6.9
10YR-72HR	E-DET 7E	BASE	89.00	14.670	17.500	127	0.000	4.975	5.8	19.8
10YR-72HR	EA-7ED	BASE	89.00	14.665	17.500	34816	4.975	-2.058	19.8	-4.7
10YR-72HR	EB-ME 104	BASE	89.00	14.665	17.500	9542	-1.416	0.000	-4.1	0.0
10YR-72HR	EC-CB 32	BASE	89.00	14.673	17.500	174	-2.822	21.635	-3.9	112.9
10YR-72HR	F-DET 7W	BASE	89.00	14.656	17.500	135	0.000	-10.035	8.8	-25.7
10YR-72HR	FA-7WD	BASE	89.00	14.665	17.500	40893	-11.344	1.173	-29.7	9.0
10YR-72HR	FB-7WD	BASE	89.00	14.665	17.500	135	0.000	-0.330	2.5	2.0
10YR-72HR	FC-CS 4	BASE	89.00	14.665	17.500	15622	0.843	0.177	11.0	7.1
10YR-72HR	G-DET 8E	BASE	89.00	14.658	17.500	136	0.000	6.346	5.1	26.4
10YR-72HR	GA-8ED	BASE	89.00	14.652	17.500	24378	6.346	-0.161	26.4	2.5
10YR-72HR	GB-CS 28	BASE	89.00	14.652	17.500	6545	1.006	1.273	6.4	6.8
10YR-72HR	H-DET 8W	BASE	89.00	14.646	17.500	136	0.000	-6.337	6.0	-14.8
10YR-72HR	HA-8WD	BASE	89.00	14.652	17.500	27253	-7.504	-0.597	-18.7	2.2
10YR-72HR	HB-CS 5	BASE	89.00	14.652	17.500	9420	-0.597	-0.715	2.2	0.7
10YR-72HR	I-BLDG B	BASE	89.00	14.663	17.500	118	0.000	5.750	3.3	22.2
10YR-72HR	IA-3	BASE	89.00	14.648	17.500	266	14.312	-5.564	65.8	-29.3
10YR-72HR	J-BLDG A	BASE	89.00	14.653	17.500	118	0.000	-5.108	5.9	-9.6
10YR-72HR	JA-1	BASE	89.00	14.665	17.500	292	-10.672	5.143	-39.0	38.5
10YR-72HR	K-LAKE-2	BASE	89.00	14.654	17.500	98833	-3.080	2.421	-25.2	8.4
10YR-72HR	KA-21	BASE	89.00	14.653	17.500	293	5.143	-11.148	38.5	-85.0
10YR-72HR	L-LAKE 1	BASE	89.00	14.665	17.500	266821	-8.419	0.000	-38.2	0.0
10YR-72HR	M-LAKE 3	BASE	89.00	14.648	17.500	109556	14.346	4.456	78.9	15.4
10YR-72HR	N-PreDev	BASE	89.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	89.00	9.305	14.500	0	6.878	0.000	23.9	0.0
10YR-72HR	A-DET 6	BASE	90.00	14.637	17.500	123	0.000	1.685	5.2	8.5
10YR-72HR	AA-6D	BASE	90.00	14.635	17.500	29316	1.685	-5.830	8.5	-14.2
10YR-72HR	AB-65	BASE	90.00	14.635	17.500	15423	-0.657	0.000	-1.3	0.0
10YR-72HR	AC-63	BASE	90.00	14.635	17.500	14146	-1.517	-0.656	-5.1	-3.5
10YR-72HR	B-DET 5E	BASE	90.00	14.631	17.500	128	0.000	-4.880	7.5	-4.9
10YR-72HR	BA-5ED	BASE	90.00	14.636	17.500	39248	-4.880	2.762	-4.9	14.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	90.00	14.635	17.500	10794	2.124	0.833	9.9	3.7
10YR-72HR	C-DET 5W	BASE	90.00	14.645	17.500	135	0.000	9.887	8.1	30.0
10YR-72HR	CA-5WD	BASE	90.00	14.636	17.500	40301	10.525	-1.996	34.7	-0.6
10YR-72HR	CB-54	BASE	90.00	14.636	17.500	11796	-1.996	0.317	-0.6	6.1
10YR-72HR	D-DET 4N	BASE	90.00	14.635	17.500	129	0.000	-0.441	2.2	1.5
10YR-72HR	DA-DET 4	BASE	90.00	14.636	17.500	28345	-0.124	0.182	8.6	7.0
10YR-72HR	E-DET 7E	BASE	90.00	14.640	17.500	128	0.000	4.888	5.8	20.2
10YR-72HR	EA-7ED	BASE	90.00	14.636	17.500	34660	4.888	-1.974	20.2	-4.9
10YR-72HR	EB-ME 104	BASE	90.00	14.636	17.500	9499	-1.359	0.000	-4.2	0.0
10YR-72HR	EC-CB 32	BASE	90.00	14.644	17.500	174	-2.823	21.597	-4.1	114.7
10YR-72HR	F-DET 7W	BASE	90.00	14.626	17.500	135	0.000	-9.869	8.8	-26.5
10YR-72HR	FA-7WD	BASE	90.00	14.636	17.500	40710	-11.139	1.133	-30.6	9.1
10YR-72HR	FB-7WD	BASE	90.00	14.635	17.500	135	0.000	-0.330	2.5	2.0
10YR-72HR	FC-CS 4	BASE	90.00	14.636	17.500	15552	0.803	0.172	11.1	7.1
10YR-72HR	G-DET 8E	BASE	90.00	14.628	17.500	136	0.000	6.219	5.1	26.9
10YR-72HR	GA-8ED	BASE	90.00	14.623	17.500	24212	6.219	-0.149	26.9	2.5
10YR-72HR	GB-CS 28	BASE	90.00	14.623	17.500	6501	0.987	1.244	6.5	6.9
10YR-72HR	H-DET 8W	BASE	90.00	14.617	17.500	136	0.000	-6.210	6.0	-15.3
10YR-72HR	HA-8WD	BASE	90.00	14.623	17.500	27068	-7.347	-0.586	-19.3	2.1
10YR-72HR	HB-CS 5	BASE	90.00	14.623	17.500	9357	-0.586	-0.697	2.1	0.6
10YR-72HR	I-BLDG B	BASE	90.00	14.634	17.500	118	0.000	5.749	3.3	22.7
10YR-72HR	IA-3	BASE	90.00	14.618	17.500	266	14.310	-5.561	67.0	-29.8
10YR-72HR	J-BLDG A	BASE	90.00	14.624	17.500	118	0.000	-5.109	5.9	-10.0
10YR-72HR	JA-1	BASE	90.00	14.636	17.500	292	-10.670	5.153	-39.8	38.9
10YR-72HR	K-LAKE-2	BASE	90.00	14.625	17.500	98695	-3.135	2.387	-25.4	8.6
10YR-72HR	KA-21	BASE	90.00	14.623	17.500	293	5.153	-11.212	38.9	-85.9
10YR-72HR	L-LAKE 1	BASE	90.00	14.635	17.500	266503	-8.420	0.000	-38.9	0.0
10YR-72HR	M-LAKE 3	BASE	90.00	14.619	17.500	109504	14.281	4.380	80.1	15.8
10YR-72HR	N-PreDev	BASE	90.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	90.00	9.150	14.500	0	6.767	0.000	24.4	0.0
10YR-72HR	A-DET 6	BASE	91.00	14.608	17.500	123	0.000	1.685	5.2	8.7
10YR-72HR	AA-6D	BASE	91.00	14.606	17.500	29183	1.685	-5.768	8.7	-14.7
10YR-72HR	AB-65	BASE	91.00	14.606	17.500	15359	-0.608	0.000	-1.3	0.0
10YR-72HR	AC-63	BASE	91.00	14.606	17.500	14082	-1.495	-0.646	-5.3	-3.5
10YR-72HR	B-DET 5E	BASE	91.00	14.602	17.500	129	0.000	-4.792	7.5	-5.3
10YR-72HR	BA-5ED	BASE	91.00	14.606	17.500	39092	-4.792	2.366	-5.3	14.8
10YR-72HR	BB-56	BASE	91.00	14.606	17.500	10757	1.829	0.845	10.1	3.8
10YR-72HR	C-DET 5W	BASE	91.00	14.615	17.500	136	0.000	9.722	8.1	30.8
10YR-72HR	CA-5WD	BASE	91.00	14.606	17.500	40140	10.259	-1.928	35.5	-0.7
10YR-72HR	CB-54	BASE	91.00	14.607	17.500	11751	-1.928	0.307	-0.7	6.1
10YR-72HR	D-DET 4N	BASE	91.00	14.606	17.500	129	0.000	-0.441	2.2	1.5
10YR-72HR	DA-DET 4	BASE	91.00	14.607	17.500	28270	-0.134	0.177	8.6	7.0
10YR-72HR	E-DET 7E	BASE	91.00	14.611	17.500	128	0.000	4.802	5.8	20.6
10YR-72HR	EA-7ED	BASE	91.00	14.606	17.500	34506	4.802	-1.892	20.6	-5.0
10YR-72HR	EB-ME 104	BASE	91.00	14.606	17.500	9457	-1.304	0.000	-4.3	0.0
10YR-72HR	EC-CB 32	BASE	91.00	14.615	17.500	174	-2.820	21.559	-4.4	116.5
10YR-72HR	F-DET 7W	BASE	91.00	14.598	17.500	136	0.000	-9.705	8.8	-27.3
10YR-72HR	FA-7WD	BASE	91.00	14.607	17.500	40529	-10.939	1.094	-31.5	9.2
10YR-72HR	FB-7WD	BASE	91.00	14.606	17.500	135	0.000	-0.331	2.5	1.9
10YR-72HR	FC-CS 4	BASE	91.00	14.607	17.500	15483	0.763	0.167	11.1	7.1
10YR-72HR	G-DET 8E	BASE	91.00	14.599	17.500	136	0.000	6.092	5.1	27.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	91.00	14.594	17.500	24049	6.092	-0.137	27.4	2.5
10YR-72HR	GB-CS 28	BASE	91.00	14.594	17.500	6458	0.971	1.218	6.6	7.0
10YR-72HR	H-DET 8W	BASE	91.00	14.588	17.500	136	0.000	-6.084	6.0	-15.8
10YR-72HR	HA-8WD	BASE	91.00	14.594	17.500	26885	-7.192	-0.577	-20.0	2.1
10YR-72HR	HB-CS 5	BASE	91.00	14.594	17.500	9294	-0.577	-0.681	2.1	0.6
10YR-72HR	I-BLDG B	BASE	91.00	14.605	17.500	118	0.000	5.748	3.3	23.2
10YR-72HR	IA-3	BASE	91.00	14.589	17.500	266	14.306	-5.559	68.2	-30.2
10YR-72HR	J-BLDG A	BASE	91.00	14.595	17.500	118	0.000	-5.110	5.9	-10.5
10YR-72HR	JA-1	BASE	91.00	14.607	17.500	292	-10.669	5.162	-40.7	39.4
10YR-72HR	K-LAKE-2	BASE	91.00	14.596	17.500	98559	-3.187	2.354	-25.7	8.8
10YR-72HR	KA-21	BASE	91.00	14.594	17.500	293	5.162	-11.271	39.4	-86.9
10YR-72HR	L-LAKE 1	BASE	91.00	14.606	17.500	266189	-8.421	0.000	-39.6	0.0
10YR-72HR	M-LAKE 3	BASE	91.00	14.590	17.500	109452	14.219	4.310	81.3	16.2
10YR-72HR	N-PreDev	BASE	91.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	91.00	8.995	14.500	0	6.664	0.000	25.0	0.0
10YR-72HR	A-DET 6	BASE	92.00	14.579	17.500	123	0.000	1.684	5.2	8.8
10YR-72HR	AA-6D	BASE	92.00	14.577	17.500	29052	1.684	-5.712	8.8	-15.2
10YR-72HR	AB-65	BASE	92.00	14.578	17.500	15295	-0.582	0.000	-1.4	0.0
10YR-72HR	AC-63	BASE	92.00	14.578	17.500	14019	-1.478	-0.642	-5.4	-3.6
10YR-72HR	B-DET 5E	BASE	92.00	14.573	17.500	129	0.000	-4.707	7.5	-5.6
10YR-72HR	BA-5ED	BASE	92.00	14.578	17.500	38938	-4.707	2.168	-5.6	15.0
10YR-72HR	BB-56	BASE	92.00	14.578	17.500	10720	1.672	0.839	10.2	3.8
10YR-72HR	C-DET 5W	BASE	92.00	14.587	17.500	136	0.000	9.558	8.1	31.6
10YR-72HR	CA-5WD	BASE	92.00	14.578	17.500	39982	10.053	-1.867	36.3	-0.9
10YR-72HR	CB-54	BASE	92.00	14.578	17.500	11706	-1.867	0.297	-0.9	6.1
10YR-72HR	D-DET 4N	BASE	92.00	14.577	17.500	129	0.000	-0.441	2.2	1.5
10YR-72HR	DA-DET 4	BASE	92.00	14.578	17.500	28196	-0.143	0.173	8.6	7.0
10YR-72HR	E-DET 7E	BASE	92.00	14.582	17.500	129	0.000	4.716	5.8	21.0
10YR-72HR	EA-7ED	BASE	92.00	14.578	17.500	34354	4.716	-2.122	21.0	-5.2
10YR-72HR	EB-ME 104	BASE	92.00	14.578	17.500	9416	-1.562	0.000	-4.5	0.0
10YR-72HR	EC-CB 32	BASE	92.00	14.586	17.500	174	-2.813	21.522	-4.6	118.3
10YR-72HR	F-DET 7W	BASE	92.00	14.569	17.500	136	0.000	-9.542	8.8	-28.1
10YR-72HR	FA-7WD	BASE	92.00	14.578	17.500	40350	-10.744	1.053	-32.4	9.3
10YR-72HR	FB-7WD	BASE	92.00	14.578	17.500	135	0.000	-0.331	2.5	1.9
10YR-72HR	FC-CS 4	BASE	92.00	14.578	17.500	15415	0.722	0.162	11.2	7.1
10YR-72HR	G-DET 8E	BASE	92.00	14.571	17.500	137	0.000	5.969	5.1	27.9
10YR-72HR	GA-8ED	BASE	92.00	14.565	17.500	23887	5.969	-0.126	27.9	2.5
10YR-72HR	GB-CS 28	BASE	92.00	14.565	17.500	6415	0.956	1.193	6.7	7.1
10YR-72HR	H-DET 8W	BASE	92.00	14.560	17.500	137	0.000	-5.961	6.0	-16.3
10YR-72HR	HA-8WD	BASE	92.00	14.565	17.500	26704	-7.043	-0.568	-20.5	2.0
10YR-72HR	HB-CS 5	BASE	92.00	14.565	17.500	9231	-0.568	-0.666	2.0	0.5
10YR-72HR	I-BLDG B	BASE	92.00	14.576	17.500	118	0.000	5.748	3.3	23.6
10YR-72HR	IA-3	BASE	92.00	14.561	17.500	266	14.302	-5.557	69.3	-30.7
10YR-72HR	J-BLDG A	BASE	92.00	14.566	17.500	118	0.000	-5.111	5.9	-10.9
10YR-72HR	JA-1	BASE	92.00	14.578	17.500	292	-10.668	5.170	-41.6	39.8
10YR-72HR	K-LAKE-2	BASE	92.00	14.567	17.500	98424	-3.234	2.324	-26.0	9.0
10YR-72HR	KA-21	BASE	92.00	14.566	17.500	293	5.170	-11.324	39.8	-87.8
10YR-72HR	L-LAKE 1	BASE	92.00	14.577	17.500	265880	-8.421	0.000	-40.3	0.0
10YR-72HR	M-LAKE 3	BASE	92.00	14.562	17.500	109401	14.160	4.245	82.5	16.5
10YR-72HR	N-PreDev	BASE	92.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	92.00	8.840	14.500	0	6.569	0.000	25.5	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	93.00	14.551	17.500	123	0.000	1.684	5.2	9.0
10YR-72HR	AA-6D	BASE	93.00	14.549	17.500	28922	1.684	-5.652	9.0	-15.7
10YR-72HR	AB-65	BASE	93.00	14.549	17.500	15232	-0.562	0.000	-1.4	0.0
10YR-72HR	AC-63	BASE	93.00	14.549	17.500	13957	-1.459	-0.633	-5.5	-3.6
10YR-72HR	B-DET 5E	BASE	93.00	14.545	17.500	129	0.000	-4.624	7.5	-6.0
10YR-72HR	BA-5ED	BASE	93.00	14.549	17.500	38785	-4.624	2.110	-6.0	15.1
10YR-72HR	BB-56	BASE	93.00	14.549	17.500	10683	1.643	0.828	10.3	3.9
10YR-72HR	C-DET 5W	BASE	93.00	14.558	17.500	136	0.000	9.397	8.1	32.4
10YR-72HR	CA-5WD	BASE	93.00	14.549	17.500	39825	9.863	-1.807	37.2	-1.0
10YR-72HR	CB-54	BASE	93.00	14.549	17.500	11662	-1.807	0.287	-1.0	6.2
10YR-72HR	D-DET 4N	BASE	93.00	14.549	17.500	129	0.000	-0.441	2.2	1.4
10YR-72HR	DA-DET 4	BASE	93.00	14.549	17.500	28123	-0.154	0.170	8.6	7.0
10YR-72HR	E-DET 7E	BASE	93.00	14.554	17.500	129	0.000	4.632	5.8	21.3
10YR-72HR	EA-7ED	BASE	93.00	14.549	17.500	34204	4.632	-2.031	21.3	-5.4
10YR-72HR	EB-ME 104	BASE	93.00	14.549	17.500	9375	-1.498	0.000	-4.6	0.0
10YR-72HR	EC-CB 32	BASE	93.00	14.558	17.500	174	-2.802	21.486	-4.8	120.0
10YR-72HR	F-DET 7W	BASE	93.00	14.541	17.500	136	0.000	-9.382	8.8	-28.9
10YR-72HR	FA-7WD	BASE	93.00	14.549	17.500	40173	-10.548	1.017	-33.3	9.4
10YR-72HR	FB-7WD	BASE	93.00	14.549	17.500	135	0.000	-0.331	2.5	1.9
10YR-72HR	FC-CS 4	BASE	93.00	14.549	17.500	15348	0.686	0.157	11.3	7.1
10YR-72HR	G-DET 8E	BASE	93.00	14.542	17.500	137	0.000	5.849	5.1	28.4
10YR-72HR	GA-8ED	BASE	93.00	14.537	17.500	23727	5.849	-0.114	28.4	2.5
10YR-72HR	GB-CS 28	BASE	93.00	14.537	17.500	6372	0.943	1.170	6.8	7.2
10YR-72HR	H-DET 8W	BASE	93.00	14.532	17.500	137	0.000	-5.841	6.0	-16.8
10YR-72HR	HA-8WD	BASE	93.00	14.537	17.500	26525	-6.898	-0.561	-21.1	2.0
10YR-72HR	HB-CS 5	BASE	93.00	14.537	17.500	9170	-0.561	-0.652	2.0	0.5
10YR-72HR	I-BLDG B	BASE	93.00	14.548	17.500	118	0.000	5.747	3.3	24.1
10YR-72HR	IA-3	BASE	93.00	14.532	17.500	266	14.297	-5.555	70.5	-31.2
10YR-72HR	J-BLDG A	BASE	93.00	14.538	17.500	118	0.000	-5.112	5.9	-11.3
10YR-72HR	JA-1	BASE	93.00	14.550	17.500	292	-10.667	5.177	-42.5	40.2
10YR-72HR	K-LAKE-2	BASE	93.00	14.539	17.500	98291	-3.276	2.296	-26.2	9.2
10YR-72HR	KA-21	BASE	93.00	14.537	17.500	293	5.177	-11.371	40.2	-88.7
10YR-72HR	L-LAKE 1	BASE	93.00	14.549	17.500	265573	-8.420	0.000	-41.0	0.0
10YR-72HR	M-LAKE 3	BASE	93.00	14.533	17.500	109350	14.106	4.187	83.6	16.9
10YR-72HR	N-PreDev	BASE	93.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	93.00	8.685	14.500	0	6.483	0.000	26.1	0.0
10YR-72HR	A-DET 6	BASE	94.00	14.523	17.500	123	0.000	1.684	5.2	9.1
10YR-72HR	AA-6D	BASE	94.00	14.521	17.500	28794	1.684	-5.493	9.1	-16.1
10YR-72HR	AB-65	BASE	94.00	14.521	17.500	15169	-0.544	0.000	-1.5	0.0
10YR-72HR	AC-63	BASE	94.00	14.521	17.500	13895	-1.357	-0.631	-5.6	-3.7
10YR-72HR	B-DET 5E	BASE	94.00	14.517	17.500	130	0.000	-4.541	7.5	-6.4
10YR-72HR	BA-5ED	BASE	94.00	14.521	17.500	38634	-4.541	2.164	-6.4	15.3
10YR-72HR	BB-56	BASE	94.00	14.521	17.500	10646	1.696	0.806	10.5	4.0
10YR-72HR	C-DET 5W	BASE	94.00	14.530	17.500	137	0.000	9.238	8.1	33.2
10YR-72HR	CA-5WD	BASE	94.00	14.521	17.500	39670	9.706	-1.746	38.0	-1.2
10YR-72HR	CB-54	BASE	94.00	14.521	17.500	11618	-1.746	0.277	-1.2	6.2
10YR-72HR	D-DET 4N	BASE	94.00	14.521	17.500	129	0.000	-0.441	2.2	1.4
10YR-72HR	DA-DET 4	BASE	94.00	14.521	17.500	28050	-0.164	0.166	8.6	7.0
10YR-72HR	E-DET 7E	BASE	94.00	14.526	17.500	130	0.000	4.549	5.8	21.7
10YR-72HR	EA-7ED	BASE	94.00	14.521	17.500	34056	4.549	-1.935	21.7	-5.5
10YR-72HR	EB-ME 104	BASE	94.00	14.521	17.500	9335	-1.433	0.000	-4.7	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	EC-CB 32	BASE	94.00	14.530	17.500	174	-2.786	21.450	-5.1	121.8
10YR-72HR	F-DET 7W	BASE	94.00	14.513	17.500	137	0.000	-9.223	8.8	-29.7
10YR-72HR	FA-7WD	BASE	94.00	14.521	17.500	39999	-10.357	0.981	-34.2	9.5
10YR-72HR	FB-7WD	BASE	94.00	14.521	17.500	135	0.000	-0.332	2.5	1.8
10YR-72HR	FC-CS 4	BASE	94.00	14.521	17.500	15281	0.650	0.153	11.3	7.1
10YR-72HR	G-DET 8E	BASE	94.00	14.514	17.500	137	0.000	5.729	5.1	28.9
10YR-72HR	GA-8ED	BASE	94.00	14.509	17.500	23568	5.729	-0.101	28.9	2.4
10YR-72HR	GB-CS 28	BASE	94.00	14.509	17.500	6330	0.934	1.151	6.8	7.3
10YR-72HR	H-DET 8W	BASE	94.00	14.504	17.500	137	0.000	-5.722	6.0	-17.3
10YR-72HR	HA-8WD	BASE	94.00	14.509	17.500	26348	-6.757	-0.556	-21.7	1.9
10YR-72HR	HB-CS 5	BASE	94.00	14.509	17.500	9109	-0.556	-0.641	1.9	0.4
10YR-72HR	I-BLDG B	BASE	94.00	14.520	17.500	118	0.000	5.746	3.3	24.6
10YR-72HR	IA-3	BASE	94.00	14.504	17.500	266	14.291	-5.554	71.7	-31.6
10YR-72HR	J-BLDG A	BASE	94.00	14.510	17.500	118	0.000	-5.112	5.9	-11.7
10YR-72HR	JA-1	BASE	94.00	14.522	17.500	292	-10.666	5.182	-43.4	40.6
10YR-72HR	K-LAKE-2	BASE	94.00	14.511	17.500	98159	-3.313	2.272	-26.5	9.4
10YR-72HR	KA-21	BASE	94.00	14.509	17.500	293	5.182	-11.412	40.6	-89.7
10YR-72HR	L-LAKE 1	BASE	94.00	14.521	17.500	265270	-8.420	0.000	-41.6	0.0
10YR-72HR	M-LAKE 3	BASE	94.00	14.505	17.500	109300	14.057	4.138	84.8	17.2
10YR-72HR	N-PreDev	BASE	94.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	94.00	8.530	14.500	0	6.410	0.000	26.6	0.0
10YR-72HR	A-DET 6	BASE	95.00	14.495	17.500	120	0.000	1.735	5.2	9.2
10YR-72HR	AA-6D	BASE	95.00	14.493	17.500	28665	1.735	-5.447	9.2	-16.6
10YR-72HR	AB-65	BASE	95.00	14.493	17.500	15107	-0.530	0.000	-1.5	0.0
10YR-72HR	AC-63	BASE	95.00	14.493	17.500	13833	-1.371	-0.622	-5.7	-3.7
10YR-72HR	B-DET 5E	BASE	95.00	14.489	17.500	130	0.000	-4.458	7.5	-6.8
10YR-72HR	BA-5ED	BASE	95.00	14.493	17.500	38484	-4.458	1.926	-6.8	15.5
10YR-72HR	BB-56	BASE	95.00	14.493	17.500	10609	1.500	0.808	10.6	4.0
10YR-72HR	C-DET 5W	BASE	95.00	14.502	17.500	137	0.000	9.081	8.1	33.9
10YR-72HR	CA-5WD	BASE	95.00	14.493	17.500	39516	9.507	-1.694	38.8	-1.3
10YR-72HR	CB-54	BASE	95.00	14.493	17.500	11575	-1.694	0.265	-1.3	6.2
10YR-72HR	D-DET 4N	BASE	95.00	14.493	17.500	129	0.000	-0.441	2.2	1.3
10YR-72HR	DA-DET 4	BASE	95.00	14.493	17.500	27978	-0.176	0.163	8.6	7.0
10YR-72HR	E-DET 7E	BASE	95.00	14.498	17.500	130	0.000	4.465	5.8	22.1
10YR-72HR	EA-7ED	BASE	95.00	14.493	17.500	33908	4.465	-1.844	22.1	-5.7
10YR-72HR	EB-ME 104	BASE	95.00	14.493	17.500	9293	-1.363	0.000	-4.8	0.0
10YR-72HR	EC-CB 32	BASE	95.00	14.502	17.500	174	-2.738	21.306	-5.3	123.6
10YR-72HR	F-DET 7W	BASE	95.00	14.485	17.500	137	0.000	-9.067	8.8	-30.4
10YR-72HR	FA-7WD	BASE	95.00	14.493	17.500	39825	-10.170	0.947	-35.0	9.5
10YR-72HR	FB-7WD	BASE	95.00	14.493	17.500	135	0.000	-0.332	2.5	1.8
10YR-72HR	FC-CS 4	BASE	95.00	14.493	17.500	15215	0.615	0.149	11.4	7.1
10YR-72HR	G-DET 8E	BASE	95.00	14.486	17.500	137	0.000	5.610	5.1	29.4
10YR-72HR	GA-8ED	BASE	95.00	14.481	17.500	23411	5.610	-0.089	29.4	2.4
10YR-72HR	GB-CS 28	BASE	95.00	14.481	17.500	6288	0.926	1.134	6.9	7.4
10YR-72HR	H-DET 8W	BASE	95.00	14.476	17.500	137	0.000	-5.603	6.0	-17.7
10YR-72HR	HA-8WD	BASE	95.00	14.481	17.500	26172	-6.618	-0.554	-22.2	1.9
10YR-72HR	HB-CS 5	BASE	95.00	14.481	17.500	9049	-0.554	-0.631	1.9	0.4
10YR-72HR	I-BLDG B	BASE	95.00	14.492	17.500	121	0.000	5.652	3.3	25.1
10YR-72HR	IA-3	BASE	95.00	14.477	17.500	275	14.107	-5.474	72.9	-32.1
10YR-72HR	J-BLDG A	BASE	95.00	14.482	17.500	123	0.000	-5.059	5.9	-12.2
10YR-72HR	JA-1	BASE	95.00	14.494	17.500	293	-10.533	5.163	-44.2	41.1

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	K-LAKE-2	BASE	95.00	14.483	17.500	98029	-3.335	2.253	-26.8	9.6
10YR-72HR	KA-21	BASE	95.00	14.481	17.500	293	5.163	-11.430	41.1	-90.6
10YR-72HR	L-LAKE 1	BASE	95.00	14.493	17.500	264970	-8.415	0.000	-42.3	0.0
10YR-72HR	M-LAKE 3	BASE	95.00	14.478	17.500	109250	13.986	4.103	86.0	17.6
10YR-72HR	N-PreDev	BASE	95.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	95.00	8.375	14.500	0	6.357	0.000	27.1	0.0
10YR-72HR	A-DET 6	BASE	96.00	14.466	17.500	155	0.000	1.397	5.2	9.4
10YR-72HR	AA-6D	BASE	96.00	14.465	17.500	28572	1.397	-5.172	9.4	-17.0
10YR-72HR	AB-65	BASE	96.00	14.465	17.500	15044	-0.464	0.000	-1.5	0.0
10YR-72HR	AC-63	BASE	96.00	14.465	17.500	13809	-1.228	-0.624	-5.9	-3.8
10YR-72HR	B-DET 5E	BASE	96.00	14.461	17.500	131	0.000	-4.375	7.5	-7.1
10YR-72HR	BA-5ED	BASE	96.00	14.466	17.500	38335	-4.375	1.882	-7.1	15.6
10YR-72HR	BB-56	BASE	96.00	14.466	17.500	10572	1.475	0.798	10.7	4.1
10YR-72HR	C-DET 5W	BASE	96.00	14.474	17.500	137	0.000	8.926	8.1	34.7
10YR-72HR	CA-5WD	BASE	96.00	14.466	17.500	39363	9.333	-1.634	39.6	-1.5
10YR-72HR	CB-54	BASE	96.00	14.466	17.500	11531	-1.634	0.263	-1.5	6.2
10YR-72HR	D-DET 4N	BASE	96.00	14.465	17.500	129	0.000	-0.441	2.2	1.3
10YR-72HR	DA-DET 4	BASE	96.00	14.466	17.500	27907	-0.178	0.163	8.6	7.0
10YR-72HR	E-DET 7E	BASE	96.00	14.470	17.500	131	0.000	4.383	5.8	22.5
10YR-72HR	EA-7ED	BASE	96.00	14.466	17.500	33761	4.383	-1.756	22.5	-5.8
10YR-72HR	EB-ME 104	BASE	96.00	14.466	17.500	9290	-1.309	0.000	-4.9	0.0
10YR-72HR	EC-CB 32	BASE	96.00	14.474	17.500	174	-2.682	21.084	-5.5	125.3
10YR-72HR	F-DET 7W	BASE	96.00	14.458	17.500	137	0.000	-8.913	8.8	-31.2
10YR-72HR	FA-7WD	BASE	96.00	14.466	17.500	39652	-9.984	0.914	-35.8	9.6
10YR-72HR	FB-7WD	BASE	96.00	14.465	17.500	135	0.000	-0.332	2.5	1.8
10YR-72HR	FC-CS 4	BASE	96.00	14.466	17.500	15150	0.582	0.146	11.4	7.1
10YR-72HR	G-DET 8E	BASE	96.00	14.459	17.500	138	0.000	5.493	5.1	29.8
10YR-72HR	GA-8ED	BASE	96.00	14.453	17.500	23255	5.493	-0.076	29.8	2.4
10YR-72HR	GB-CS 28	BASE	96.00	14.453	17.500	6247	0.920	1.118	7.0	7.5
10YR-72HR	H-DET 8W	BASE	96.00	14.449	17.500	138	0.000	-5.486	6.0	-18.2
10YR-72HR	HA-8WD	BASE	96.00	14.454	17.500	25997	-6.482	-0.550	-22.8	1.8
10YR-72HR	HB-CS 5	BASE	96.00	14.454	17.500	8989	-0.550	-0.620	1.8	0.3
10YR-72HR	I-BLDG B	BASE	96.00	14.463	17.500	136	0.000	5.385	3.3	25.5
10YR-72HR	IA-3	BASE	96.00	14.450	17.500	287	13.693	-5.266	74.0	-32.5
10YR-72HR	J-BLDG A	BASE	96.00	14.455	17.500	137	0.000	-4.793	5.9	-12.6
10YR-72HR	JA-1	BASE	96.00	14.466	17.500	309	-10.059	5.021	-45.1	41.5
10YR-72HR	K-LAKE-2	BASE	96.00	14.456	17.500	97899	-3.323	2.236	-27.1	9.8
10YR-72HR	KA-21	BASE	96.00	14.454	17.500	293	5.021	-11.374	41.5	-91.6
10YR-72HR	L-LAKE 1	BASE	96.00	14.465	17.500	264670	-8.362	0.000	-43.0	0.0
10YR-72HR	M-LAKE 3	BASE	96.00	14.450	17.500	109200	13.895	4.069	87.1	17.9
10YR-72HR	N-PreDev	BASE	96.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	96.00	8.220	14.500	0	6.305	0.000	27.7	0.0
10YR-72HR	A-DET 6	BASE	97.00	14.439	17.500	170	0.000	1.290	5.2	9.5
10YR-72HR	AA-6D	BASE	97.00	14.438	17.500	28461	1.290	-5.067	9.5	-17.4
10YR-72HR	AB-65	BASE	97.00	14.438	17.500	14982	-0.438	0.000	-1.6	0.0
10YR-72HR	AC-63	BASE	97.00	14.438	17.500	13764	-1.197	-0.619	-6.0	-3.8
10YR-72HR	B-DET 5E	BASE	97.00	14.434	17.500	131	0.000	-4.294	7.5	-7.5
10YR-72HR	BA-5ED	BASE	97.00	14.438	17.500	38187	-4.294	1.863	-7.5	15.8
10YR-72HR	BB-56	BASE	97.00	14.438	17.500	10536	1.455	0.791	10.9	4.2
10YR-72HR	C-DET 5W	BASE	97.00	14.446	17.500	137	0.000	8.771	8.1	35.4
10YR-72HR	CA-5WD	BASE	97.00	14.438	17.500	39210	9.179	-1.577	40.3	-1.6

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	97.00	14.438	17.500	11488	-1.577	0.254	-1.6	6.2
10YR-72HR	D-DET 4N	BASE	97.00	14.438	17.500	129	0.000	-0.441	2.2	1.3
10YR-72HR	DA-DET 4	BASE	97.00	14.438	17.500	27835	-0.187	0.162	8.6	7.1
10YR-72HR	E-DET 7E	BASE	97.00	14.442	17.500	131	0.000	4.301	5.8	22.8
10YR-72HR	EA-7ED	BASE	97.00	14.438	17.500	33615	4.301	-1.666	22.8	-6.0
10YR-72HR	EB-ME 104	BASE	97.00	14.438	17.500	9267	-1.245	0.000	-5.0	0.0
10YR-72HR	EC-CB 32	BASE	97.00	14.446	17.500	174	-2.641	20.955	-5.7	127.1
10YR-72HR	F-DET 7W	BASE	97.00	14.430	17.500	138	0.000	-8.759	8.8	-31.9
10YR-72HR	FA-7WD	BASE	97.00	14.438	17.500	39481	-9.799	0.882	-36.7	9.7
10YR-72HR	FB-7WD	BASE	97.00	14.438	17.500	135	0.000	-0.332	2.5	1.8
10YR-72HR	FC-CS 4	BASE	97.00	14.438	17.500	15084	0.549	0.144	11.5	7.2
10YR-72HR	G-DET 8E	BASE	97.00	14.431	17.500	138	0.000	5.379	5.1	30.3
10YR-72HR	GA-8ED	BASE	97.00	14.426	17.500	23099	5.379	-0.064	30.3	2.4
10YR-72HR	GB-CS 28	BASE	97.00	14.426	17.500	6206	0.913	1.102	7.1	7.6
10YR-72HR	H-DET 8W	BASE	97.00	14.421	17.500	138	0.000	-5.372	6.0	-18.7
10YR-72HR	HA-8WD	BASE	97.00	14.426	17.500	25823	-6.350	-0.548	-23.3	1.8
10YR-72HR	HB-CS 5	BASE	97.00	14.426	17.500	8929	-0.548	-0.611	1.8	0.3
10YR-72HR	I-BLDG B	BASE	97.00	14.435	17.500	144	0.000	5.247	3.3	26.0
10YR-72HR	IA-3	BASE	97.00	14.423	17.500	293	13.476	-5.165	75.1	-33.0
10YR-72HR	J-BLDG A	BASE	97.00	14.428	17.500	144	0.000	-4.662	5.9	-13.0
10YR-72HR	JA-1	BASE	97.00	14.438	17.500	317	-9.828	4.960	-45.9	41.9
10YR-72HR	K-LAKE-2	BASE	97.00	14.428	17.500	97770	-3.332	2.219	-27.3	9.9
10YR-72HR	KA-21	BASE	97.00	14.426	17.500	293	4.960	-11.366	41.9	-92.5
10YR-72HR	L-LAKE 1	BASE	97.00	14.438	17.500	264373	-8.339	0.000	-43.7	0.0
10YR-72HR	M-LAKE 3	BASE	97.00	14.423	17.500	109151	13.828	4.035	88.3	18.2
10YR-72HR	N-PreDev	BASE	97.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	97.00	8.065	14.500	0	6.254	0.000	28.2	0.0
10YR-72HR	A-DET 6	BASE	99.00	14.384	17.500	191	0.000	1.164	5.2	9.7
10YR-72HR	AA-6D	BASE	99.00	14.383	17.500	28232	1.164	-4.947	9.7	-18.3
10YR-72HR	AB-65	BASE	99.00	14.383	17.500	14859	-0.423	0.000	-1.6	0.0
10YR-72HR	AC-63	BASE	99.00	14.383	17.500	13667	-1.184	-0.592	-6.1	-3.9
10YR-72HR	B-DET 5E	BASE	99.00	14.379	17.500	132	0.000	-4.132	7.5	-8.2
10YR-72HR	BA-5ED	BASE	99.00	14.383	17.500	37893	-4.132	1.890	-8.2	16.1
10YR-72HR	BB-56	BASE	99.00	14.383	17.500	10462	1.454	0.775	11.1	4.3
10YR-72HR	C-DET 5W	BASE	99.00	14.391	17.500	138	0.000	8.469	8.1	36.8
10YR-72HR	CA-5WD	BASE	99.00	14.383	17.500	38909	8.904	-1.485	41.8	-1.8
10YR-72HR	CB-54	BASE	99.00	14.383	17.500	11403	-1.485	0.233	-1.8	6.3
10YR-72HR	D-DET 4N	BASE	99.00	14.383	17.500	129	0.000	-0.441	2.2	1.2
10YR-72HR	DA-DET 4	BASE	99.00	14.383	17.500	27694	-0.208	0.159	8.5	7.1
10YR-72HR	E-DET 7E	BASE	99.00	14.387	17.500	132	0.000	4.139	5.8	23.5
10YR-72HR	EA-7ED	BASE	99.00	14.383	17.500	33326	4.139	-0.971	23.5	-6.2
10YR-72HR	EB-ME 104	BASE	99.00	14.383	17.500	9211	-0.592	0.000	-5.2	0.0
10YR-72HR	EC-CB 32	BASE	99.00	14.391	17.500	174	-2.565	20.750	-6.2	130.5
10YR-72HR	F-DET 7W	BASE	99.00	14.376	17.500	138	0.000	-8.458	8.8	-33.3
10YR-72HR	FA-7WD	BASE	99.00	14.383	17.500	39141	-9.429	0.820	-38.2	9.8
10YR-72HR	FB-7WD	BASE	99.00	14.383	17.500	135	0.000	-0.333	2.5	1.7
10YR-72HR	FC-CS 4	BASE	99.00	14.383	17.500	14955	0.487	0.137	11.5	7.2
10YR-72HR	G-DET 8E	BASE	99.00	14.376	17.500	138	0.000	5.153	5.1	31.2
10YR-72HR	GA-8ED	BASE	99.00	14.372	17.500	22791	5.153	-0.043	31.2	2.4
10YR-72HR	GB-CS 28	BASE	99.00	14.371	17.500	6124	0.899	1.072	7.2	7.8
10YR-72HR	H-DET 8W	BASE	99.00	14.367	17.500	138	0.000	-5.147	6.0	-19.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	99.00	14.372	17.500	25478	-6.089	-0.541	-24.3	1.7
10YR-72HR	HB-CS 5	BASE	99.00	14.372	17.500	8810	-0.541	-0.593	1.7	0.2
10YR-72HR	I-BLDG B	BASE	99.00	14.380	17.500	154	0.000	5.035	3.3	26.8
10YR-72HR	IA-3	BASE	99.00	14.369	17.500	303	13.147	-5.024	77.3	-33.8
10YR-72HR	J-BLDG A	BASE	99.00	14.374	17.500	154	0.000	-4.465	5.9	-13.7
10YR-72HR	JA-1	BASE	99.00	14.383	17.500	327	-9.489	4.878	-47.5	42.7
10YR-72HR	K-LAKE-2	BASE	99.00	14.374	17.500	97513	-3.361	2.184	-27.9	10.3
10YR-72HR	KA-21	BASE	99.00	14.372	17.500	293	4.878	-11.372	42.7	-94.4
10YR-72HR	L-LAKE 1	BASE	99.00	14.383	17.500	263783	-8.308	0.000	-45.1	0.0
10YR-72HR	M-LAKE 3	BASE	99.00	14.368	17.500	109053	13.709	3.966	90.5	18.9
10YR-72HR	N-PreDev	BASE	99.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	99.00	7.755	14.500	0	6.150	0.000	29.2	0.0
10YR-72HR	A-DET 6	BASE	101.00	14.330	17.500	207	0.000	1.071	5.2	9.9
10YR-72HR	AA-6D	BASE	101.00	14.329	17.500	28000	1.071	-4.690	9.9	-19.1
10YR-72HR	AB-65	BASE	101.00	14.329	17.500	14736	-0.368	0.000	-1.7	0.0
10YR-72HR	AC-63	BASE	101.00	14.329	17.500	13566	-1.068	-0.596	-6.3	-4.0
10YR-72HR	B-DET 5E	BASE	101.00	14.326	17.500	132	0.000	-3.972	7.5	-8.9
10YR-72HR	BA-5ED	BASE	101.00	14.329	17.500	37603	-3.972	1.395	-8.9	16.4
10YR-72HR	BB-56	BASE	101.00	14.329	17.500	10390	1.395	0.762	11.3	4.4
10YR-72HR	C-DET 5W	BASE	101.00	14.337	17.500	139	0.000	8.172	8.1	38.2
10YR-72HR	CA-5WD	BASE	101.00	14.329	17.500	38610	8.172	-1.371	43.2	-2.1
10YR-72HR	CB-54	BASE	101.00	14.329	17.500	11318	-1.371	0.224	-2.1	6.3
10YR-72HR	D-DET 4N	BASE	101.00	14.329	17.500	129	0.000	-0.441	2.2	1.1
10YR-72HR	DA-DET 4	BASE	101.00	14.329	17.500	27554	-0.217	0.156	8.5	7.1
10YR-72HR	E-DET 7E	BASE	101.00	14.333	17.500	132	0.000	3.977	5.8	24.2
10YR-72HR	EA-7ED	BASE	101.00	14.329	17.500	33040	3.977	-0.922	24.2	-6.3
10YR-72HR	EB-ME 104	BASE	101.00	14.329	17.500	9150	-0.596	0.000	-5.3	0.0
10YR-72HR	EC-CB 32	BASE	101.00	14.337	17.500	174	-2.492	20.576	-6.6	133.9
10YR-72HR	F-DET 7W	BASE	101.00	14.322	17.500	139	0.000	-8.162	8.8	-34.7
10YR-72HR	FA-7WD	BASE	101.00	14.329	17.500	38805	-9.084	0.760	-39.8	10.0
10YR-72HR	FB-7WD	BASE	101.00	14.329	17.500	135	0.000	-0.333	2.5	1.7
10YR-72HR	FC-CS 4	BASE	101.00	14.329	17.500	14827	0.427	0.130	11.6	7.2
10YR-72HR	G-DET 8E	BASE	101.00	14.322	17.500	139	0.000	4.933	5.1	32.0
10YR-72HR	GA-8ED	BASE	101.00	14.318	17.500	22486	4.933	-0.024	32.0	2.4
10YR-72HR	GB-CS 28	BASE	101.00	14.318	17.500	6043	0.884	1.042	7.4	7.9
10YR-72HR	H-DET 8W	BASE	101.00	14.314	17.500	139	0.000	-4.927	6.0	-20.4
10YR-72HR	HA-8WD	BASE	101.00	14.318	17.500	25137	-5.834	-0.534	-25.3	1.6
10YR-72HR	HB-CS 5	BASE	101.00	14.318	17.500	8693	-0.534	-0.575	1.6	0.1
10YR-72HR	I-BLDG B	BASE	101.00	14.326	17.500	162	0.000	4.857	3.3	27.6
10YR-72HR	IA-3	BASE	101.00	14.315	17.500	311	12.877	-4.918	79.5	-34.6
10YR-72HR	J-BLDG A	BASE	101.00	14.320	17.500	162	0.000	-4.302	5.9	-14.4
10YR-72HR	JA-1	BASE	101.00	14.329	17.500	335	-9.220	4.818	-49.1	43.5
10YR-72HR	K-LAKE-2	BASE	101.00	14.320	17.500	97260	-3.396	2.149	-28.4	10.7
10YR-72HR	KA-21	BASE	101.00	14.318	17.500	293	4.818	-11.391	43.5	-96.3
10YR-72HR	L-LAKE 1	BASE	101.00	14.329	17.500	263201	-8.284	0.000	-46.5	0.0
10YR-72HR	M-LAKE 3	BASE	101.00	14.314	17.500	108956	13.598	3.897	92.8	19.5
10YR-72HR	N-PreDev	BASE	101.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	101.00	7.445	14.500	0	6.046	0.000	30.2	0.0
10YR-72HR	A-DET 6	BASE	103.00	14.276	17.500	219	0.000	1.003	5.2	10.0
10YR-72HR	AA-6D	BASE	103.00	14.276	17.500	27769	1.003	-4.586	10.0	-19.8
10YR-72HR	AB-65	BASE	103.00	14.276	17.500	14615	-0.359	0.000	-1.8	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	103.00	14.276	17.500	13462	-1.062	-0.575	-6.5	-4.1
10YR-72HR	B-DET 5E	BASE	103.00	14.272	17.500	133	0.000	-3.815	7.5	-9.5
10YR-72HR	BA-5ED	BASE	103.00	14.276	17.500	37316	-3.815	1.350	-9.5	16.6
10YR-72HR	BB-56	BASE	103.00	14.276	17.500	10318	1.350	0.749	11.6	4.6
10YR-72HR	C-DET 5W	BASE	103.00	14.283	17.500	139	0.000	7.883	8.1	39.5
10YR-72HR	CA-5WD	BASE	103.00	14.276	17.500	38316	7.883	-1.274	44.6	-2.3
10YR-72HR	CB-54	BASE	103.00	14.276	17.500	11234	-1.274	0.218	-2.3	6.4
10YR-72HR	D-DET 4N	BASE	103.00	14.276	17.500	129	0.000	-0.441	2.2	1.1
10YR-72HR	DA-DET 4	BASE	103.00	14.276	17.500	27416	-0.223	0.153	8.4	7.1
10YR-72HR	E-DET 7E	BASE	103.00	14.280	17.500	133	0.000	3.820	5.8	24.8
10YR-72HR	EA-7ED	BASE	103.00	14.276	17.500	32758	3.820	-0.865	24.8	-6.5
10YR-72HR	EB-ME 104	BASE	103.00	14.276	17.500	9087	-0.575	0.000	-5.4	0.0
10YR-72HR	EC-CB 32	BASE	103.00	14.284	17.500	174	-2.415	20.414	-7.0	137.3
10YR-72HR	F-DET 7W	BASE	103.00	14.269	17.500	139	0.000	-7.874	8.8	-36.0
10YR-72HR	FA-7WD	BASE	103.00	14.276	17.500	38473	-8.739	0.704	-41.2	10.1
10YR-72HR	FB-7WD	BASE	103.00	14.276	17.500	135	0.000	-0.334	2.5	1.6
10YR-72HR	FC-CS 4	BASE	103.00	14.276	17.500	14701	0.370	0.124	11.7	7.2
10YR-72HR	G-DET 8E	BASE	103.00	14.269	17.500	139	0.000	4.719	5.1	32.8
10YR-72HR	GA-8ED	BASE	103.00	14.265	17.500	22185	4.719	-0.007	32.8	2.4
10YR-72HR	GB-CS 28	BASE	103.00	14.264	17.500	5963	0.868	1.012	7.5	8.1
10YR-72HR	H-DET 8W	BASE	103.00	14.261	17.500	139	0.000	-4.713	6.0	-21.2
10YR-72HR	HA-8WD	BASE	103.00	14.265	17.500	24800	-5.588	-0.527	-26.3	1.5
10YR-72HR	HB-CS 5	BASE	103.00	14.265	17.500	8578	-0.527	-0.557	1.5	-0.0
10YR-72HR	I-BLDG B	BASE	103.00	14.272	17.500	168	0.000	4.694	3.3	28.4
10YR-72HR	IA-3	BASE	103.00	14.262	17.500	317	12.633	-4.832	81.6	-35.4
10YR-72HR	J-BLDG A	BASE	103.00	14.267	17.500	168	0.000	-4.153	5.9	-15.1
10YR-72HR	JA-1	BASE	103.00	14.275	17.500	342	-8.985	4.770	-50.6	44.3
10YR-72HR	K-LAKE-2	BASE	103.00	14.267	17.500	97010	-3.433	2.114	-29.0	11.0
10YR-72HR	KA-21	BASE	103.00	14.265	17.500	293	4.770	-11.416	44.3	-98.1
10YR-72HR	L-LAKE 1	BASE	103.00	14.276	17.500	262626	-8.263	0.000	-47.8	0.0
10YR-72HR	M-LAKE 3	BASE	103.00	14.261	17.500	108861	13.488	3.828	95.0	20.2
10YR-72HR	N-PreDev	BASE	103.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	103.00	7.135	14.500	0	5.941	0.000	31.2	0.0
10YR-72HR	A-DET 6	BASE	105.00	14.224	17.500	230	0.000	0.939	5.2	10.2
10YR-72HR	AA-6D	BASE	105.00	14.223	17.500	27539	0.939	-4.317	10.2	-20.6
10YR-72HR	AB-65	BASE	105.00	14.223	17.500	14494	-0.318	0.000	-1.8	0.0
10YR-72HR	AC-63	BASE	105.00	14.223	17.500	13359	-0.935	-0.571	-6.7	-4.2
10YR-72HR	B-DET 5E	BASE	105.00	14.220	17.500	133	0.000	-3.660	7.5	-10.1
10YR-72HR	BA-5ED	BASE	105.00	14.223	17.500	37033	-3.660	1.297	-10.1	16.8
10YR-72HR	BB-56	BASE	105.00	14.223	17.500	10246	1.297	0.728	11.8	4.7
10YR-72HR	C-DET 5W	BASE	105.00	14.230	17.500	139	0.000	7.599	8.1	40.8
10YR-72HR	CA-5WD	BASE	105.00	14.223	17.500	38025	7.599	-1.181	45.8	-2.5
10YR-72HR	CB-54	BASE	105.00	14.224	17.500	11151	-1.181	0.219	-2.5	6.4
10YR-72HR	D-DET 4N	BASE	105.00	14.223	17.500	129	0.000	-0.442	2.2	1.0
10YR-72HR	DA-DET 4	BASE	105.00	14.224	17.500	27280	-0.223	0.148	8.4	7.2
10YR-72HR	E-DET 7E	BASE	105.00	14.227	17.500	133	0.000	3.665	5.8	25.5
10YR-72HR	EA-7ED	BASE	105.00	14.223	17.500	32479	3.665	-0.814	25.5	-6.6
10YR-72HR	EB-ME 104	BASE	105.00	14.223	17.500	9023	-0.571	0.000	-5.5	0.0
10YR-72HR	EC-CB 32	BASE	105.00	14.231	17.500	174	-2.336	20.261	-7.4	140.7
10YR-72HR	F-DET 7W	BASE	105.00	14.217	17.500	140	0.000	-7.591	8.8	-37.3
10YR-72HR	FA-7WD	BASE	105.00	14.223	17.500	38145	-8.404	0.654	-42.7	10.2

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	105.00	14.223	17.500	135	0.000	-0.334	2.5	1.5
10YR-72HR	FC-CS 4	BASE	105.00	14.223	17.500	14576	0.319	0.121	11.7	7.2
10YR-72HR	G-DET 8E	BASE	105.00	14.216	17.500	139	0.000	4.511	5.1	33.6
10YR-72HR	GA-8ED	BASE	105.00	14.212	17.500	21888	4.511	0.008	33.6	2.4
10YR-72HR	GB-CS 28	BASE	105.00	14.212	17.500	5884	0.851	0.983	7.7	8.3
10YR-72HR	H-DET 8W	BASE	105.00	14.208	17.500	139	0.000	-4.506	6.0	-21.9
10YR-72HR	HA-8WD	BASE	105.00	14.212	17.500	24468	-5.349	-0.518	-27.2	1.4
10YR-72HR	HB-CS 5	BASE	105.00	14.212	17.500	8463	-0.518	-0.540	1.4	-0.1
10YR-72HR	I-BLDG B	BASE	105.00	14.220	17.500	173	0.000	4.540	3.3	29.2
10YR-72HR	IA-3	BASE	105.00	14.210	17.500	322	12.404	-4.757	83.7	-36.2
10YR-72HR	J-BLDG A	BASE	105.00	14.215	17.500	174	0.000	-4.013	5.9	-15.8
10YR-72HR	JA-1	BASE	105.00	14.223	17.500	347	-8.771	4.728	-52.0	45.1
10YR-72HR	K-LAKE-2	BASE	105.00	14.214	17.500	96764	-3.472	2.078	-29.6	11.4
10YR-72HR	KA-21	BASE	105.00	14.212	17.500	293	4.728	-11.445	45.1	-100.0
10YR-72HR	L-LAKE 1	BASE	105.00	14.223	17.500	262058	-8.244	0.000	-49.2	0.0
10YR-72HR	M-LAKE 3	BASE	105.00	14.209	17.500	108766	13.380	3.758	97.2	20.8
10YR-72HR	N-PreDev	BASE	105.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	105.00	6.825	14.500	0	5.836	0.000	32.2	0.0
10YR-72HR	A-DET 6	BASE	107.00	14.172	17.500	239	0.000	0.885	5.2	10.4
10YR-72HR	AA-6D	BASE	107.00	14.171	17.500	27311	0.885	-4.152	10.4	-21.3
10YR-72HR	AB-65	BASE	107.00	14.171	17.500	14375	-0.272	0.000	-1.9	0.0
10YR-72HR	AC-63	BASE	107.00	14.171	17.500	13255	-0.888	-0.560	-6.8	-4.3
10YR-72HR	B-DET 5E	BASE	107.00	14.168	17.500	134	0.000	-3.508	7.5	-10.7
10YR-72HR	BA-5ED	BASE	107.00	14.172	17.500	36754	-3.508	1.038	-10.7	17.0
10YR-72HR	BB-56	BASE	107.00	14.171	17.500	10175	1.038	0.736	12.0	4.8
10YR-72HR	C-DET 5W	BASE	107.00	14.178	17.500	140	0.000	7.324	8.1	42.0
10YR-72HR	CA-5WD	BASE	107.00	14.172	17.500	37738	7.324	-1.122	47.1	-2.7
10YR-72HR	CB-54	BASE	107.00	14.172	17.500	11070	-1.122	0.222	-2.7	6.4
10YR-72HR	D-DET 4N	BASE	107.00	14.171	17.500	129	0.000	-0.442	2.2	0.9
10YR-72HR	DA-DET 4	BASE	107.00	14.172	17.500	27146	-0.220	0.144	8.4	7.2
10YR-72HR	E-DET 7E	BASE	107.00	14.175	17.500	134	0.000	3.515	5.8	26.0
10YR-72HR	EA-7ED	BASE	107.00	14.171	17.500	32204	3.515	-0.748	26.0	-6.8
10YR-72HR	EB-ME 104	BASE	107.00	14.171	17.500	8959	-0.560	0.000	-5.6	0.0
10YR-72HR	EC-CB 32	BASE	107.00	14.179	17.500	174	-2.256	20.113	-7.8	144.0
10YR-72HR	F-DET 7W	BASE	107.00	14.165	17.500	140	0.000	-7.317	8.8	-38.5
10YR-72HR	FA-7WD	BASE	107.00	14.172	17.500	37822	-8.065	0.603	-44.0	10.3
10YR-72HR	FB-7WD	BASE	107.00	14.171	17.500	135	0.000	-0.335	2.5	1.5
10YR-72HR	FC-CS 4	BASE	107.00	14.171	17.500	14453	0.268	0.117	11.8	7.3
10YR-72HR	G-DET 8E	BASE	107.00	14.164	17.500	139	0.000	4.310	5.1	34.3
10YR-72HR	GA-8ED	BASE	107.00	14.160	17.500	21595	4.310	0.021	34.3	2.4
10YR-72HR	GB-CS 28	BASE	107.00	14.160	17.500	5806	0.833	0.954	7.8	8.4
10YR-72HR	H-DET 8W	BASE	107.00	14.157	17.500	139	0.000	-4.305	6.0	-22.6
10YR-72HR	HA-8WD	BASE	107.00	14.161	17.500	24140	-5.118	-0.508	-28.0	1.4
10YR-72HR	HB-CS 5	BASE	107.00	14.161	17.500	8351	-0.508	-0.523	1.4	-0.2
10YR-72HR	I-BLDG B	BASE	107.00	14.167	17.500	178	0.000	4.394	3.3	29.9
10YR-72HR	IA-3	BASE	107.00	14.158	17.500	327	12.189	-4.692	85.7	-37.0
10YR-72HR	J-BLDG A	BASE	107.00	14.163	17.500	178	0.000	-3.881	5.9	-16.5
10YR-72HR	JA-1	BASE	107.00	14.170	17.500	352	-8.573	4.692	-53.5	45.9
10YR-72HR	K-LAKE-2	BASE	107.00	14.162	17.500	96520	-3.511	2.043	-30.2	11.7
10YR-72HR	KA-21	BASE	107.00	14.160	17.500	293	4.692	-11.475	45.9	-101.9
10YR-72HR	L-LAKE 1	BASE	107.00	14.171	17.500	261498	-8.225	0.000	-50.6	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	M-LAKE 3	BASE	107.00	14.157	17.500	108673	13.272	3.688	99.5	21.4
10YR-72HR	N-PreDev	BASE	107.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	107.00	6.515	14.500	0	5.731	0.000	33.1	0.0
10YR-72HR	A-DET 6	BASE	109.00	14.120	17.500	248	0.000	0.836	5.2	10.5
10YR-72HR	AA-6D	BASE	109.00	14.120	17.500	27085	0.836	-3.993	10.5	-21.9
10YR-72HR	AB-65	BASE	109.00	14.120	17.500	14258	-0.266	0.000	-1.9	0.0
10YR-72HR	AC-63	BASE	109.00	14.120	17.500	13151	-0.846	-0.548	-7.0	-4.4
10YR-72HR	B-DET 5E	BASE	109.00	14.117	17.500	134	0.000	-3.362	7.5	-11.3
10YR-72HR	BA-5ED	BASE	109.00	14.120	17.500	36478	-3.362	1.099	-11.3	17.2
10YR-72HR	BB-56	BASE	109.00	14.120	17.500	10104	1.099	0.706	12.2	4.9
10YR-72HR	C-DET 5W	BASE	109.00	14.127	17.500	140	0.000	7.056	8.1	43.2
10YR-72HR	CA-5WD	BASE	109.00	14.120	17.500	37455	7.056	-1.001	48.3	-2.9
10YR-72HR	CB-54	BASE	109.00	14.120	17.500	10989	-1.001	0.000	-2.9	6.5
10YR-72HR	D-DET 4N	BASE	109.00	14.120	17.500	129	0.000	-0.443	2.2	0.8
10YR-72HR	DA-DET 4	BASE	109.00	14.120	17.500	27013	-0.443	0.141	8.3	7.2
10YR-72HR	E-DET 7E	BASE	109.00	14.123	17.500	134	0.000	3.367	5.8	26.6
10YR-72HR	EA-7ED	BASE	109.00	14.120	17.500	31933	3.367	-0.704	26.6	-6.9
10YR-72HR	EB-ME 104	BASE	109.00	14.120	17.500	8894	-0.548	0.000	-5.7	0.0
10YR-72HR	EC-CB 32	BASE	109.00	14.128	17.500	174	-2.175	19.967	-8.1	147.3
10YR-72HR	F-DET 7W	BASE	109.00	14.114	17.500	140	0.000	-7.050	8.8	-39.7
10YR-72HR	FA-7WD	BASE	109.00	14.120	17.500	37503	-7.754	0.565	-45.3	10.4
10YR-72HR	FB-7WD	BASE	109.00	14.120	17.500	135	0.000	-0.335	2.5	1.4
10YR-72HR	FC-CS 4	BASE	109.00	14.120	17.500	14332	0.230	0.114	11.8	7.3
10YR-72HR	G-DET 8E	BASE	109.00	14.113	17.500	140	0.000	4.115	5.1	35.0
10YR-72HR	GA-8ED	BASE	109.00	14.109	17.500	21305	4.115	0.032	35.0	2.4
10YR-72HR	GB-CS 28	BASE	109.00	14.109	17.500	5729	0.815	0.926	7.9	8.6
10YR-72HR	H-DET 8W	BASE	109.00	14.106	17.500	140	0.000	-4.111	6.0	-23.3
10YR-72HR	HA-8WD	BASE	109.00	14.110	17.500	23816	-4.894	-0.498	-28.9	1.3
10YR-72HR	HB-CS 5	BASE	109.00	14.110	17.500	8240	-0.498	-0.506	1.3	-0.3
10YR-72HR	I-BLDG B	BASE	109.00	14.116	17.500	182	0.000	4.254	3.3	30.6
10YR-72HR	IA-3	BASE	109.00	14.107	17.500	331	11.983	-4.634	87.7	-37.8
10YR-72HR	J-BLDG A	BASE	109.00	14.112	17.500	182	0.000	-3.755	5.9	-17.1
10YR-72HR	JA-1	BASE	109.00	14.119	17.500	356	-8.388	4.659	-54.9	46.6
10YR-72HR	K-LAKE-2	BASE	109.00	14.111	17.500	96280	-3.551	2.007	-30.7	12.0
10YR-72HR	KA-21	BASE	109.00	14.109	17.500	293	4.659	-11.507	46.6	-103.8
10YR-72HR	L-LAKE 1	BASE	109.00	14.120	17.500	260945	-8.206	0.000	-51.9	0.0
10YR-72HR	M-LAKE 3	BASE	109.00	14.106	17.500	108581	13.164	3.617	101.6	22.0
10YR-72HR	N-PreDev	BASE	109.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	109.00	6.205	14.500	0	5.625	0.000	34.1	0.0
10YR-72HR	A-DET 6	BASE	111.00	14.070	17.500	255	0.000	0.791	5.2	10.6
10YR-72HR	AA-6D	BASE	111.00	14.069	17.500	26862	0.791	-3.834	10.6	-22.6
10YR-72HR	AB-65	BASE	111.00	14.070	17.500	14141	-0.245	0.000	-2.0	0.0
10YR-72HR	AC-63	BASE	111.00	14.070	17.500	13048	-0.807	-0.535	-7.1	-4.5
10YR-72HR	B-DET 5E	BASE	111.00	14.067	17.500	135	0.000	-3.218	7.5	-11.8
10YR-72HR	BA-5ED	BASE	111.00	14.070	17.500	36206	-3.218	1.051	-11.8	17.4
10YR-72HR	BB-56	BASE	111.00	14.070	17.500	10035	1.051	0.690	12.3	5.0
10YR-72HR	C-DET 5W	BASE	111.00	14.076	17.500	141	0.000	6.794	8.1	44.4
10YR-72HR	CA-5WD	BASE	111.00	14.070	17.500	37176	6.794	-0.929	49.4	-3.0
10YR-72HR	CB-54	BASE	111.00	14.070	17.500	10909	-0.929	0.000	-3.0	6.5
10YR-72HR	D-DET 4N	BASE	111.00	14.069	17.500	129	0.000	-0.443	2.2	0.8
10YR-72HR	DA-DET 4	BASE	111.00	14.070	17.500	26882	-0.443	0.139	8.2	7.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	E-DET 7E	BASE	111.00	14.073	17.500	135	0.000	3.223	5.8	27.2
10YR-72HR	EA-7ED	BASE	111.00	14.070	17.500	31665	3.223	-0.654	27.2	-7.0
10YR-72HR	EB-ME 104	BASE	111.00	14.070	17.500	8829	-0.535	0.000	-5.8	0.0
10YR-72HR	EC-CB 32	BASE	111.00	14.077	17.500	174	-2.092	19.824	-8.5	150.6
10YR-72HR	F-DET 7W	BASE	111.00	14.064	17.500	141	0.000	-6.789	8.8	-40.9
10YR-72HR	FA-7WD	BASE	111.00	14.070	17.500	37188	-7.442	0.526	-46.6	10.5
10YR-72HR	FB-7WD	BASE	111.00	14.069	17.500	135	0.000	-0.336	2.5	1.4
10YR-72HR	FC-CS 4	BASE	111.00	14.070	17.500	14212	0.190	0.110	11.9	7.3
10YR-72HR	G-DET 8E	BASE	111.00	14.062	17.500	140	0.000	3.926	5.1	35.6
10YR-72HR	GA-8ED	BASE	111.00	14.059	17.500	21020	3.926	0.042	35.6	2.4
10YR-72HR	GB-CS 28	BASE	111.00	14.059	17.500	5653	0.796	0.897	8.1	8.7
10YR-72HR	H-DET 8W	BASE	111.00	14.056	17.500	140	0.000	-3.922	6.0	-24.0
10YR-72HR	HA-8WD	BASE	111.00	14.059	17.500	23498	-4.676	-0.487	-29.6	1.2
10YR-72HR	HB-CS 5	BASE	111.00	14.059	17.500	8130	-0.487	-0.489	1.2	-0.4
10YR-72HR	I-BLDG B	BASE	111.00	14.066	17.500	186	0.000	4.117	3.3	31.3
10YR-72HR	IA-3	BASE	111.00	14.057	17.500	335	11.782	-4.581	89.7	-38.5
10YR-72HR	J-BLDG A	BASE	111.00	14.062	17.500	186	0.000	-3.632	5.9	-17.7
10YR-72HR	JA-1	BASE	111.00	14.069	17.500	360	-8.212	4.629	-56.2	47.4
10YR-72HR	K-LAKE-2	BASE	111.00	14.061	17.500	96043	-3.591	1.972	-31.3	12.4
10YR-72HR	KA-21	BASE	111.00	14.059	17.500	293	4.629	-11.539	47.4	-105.7
10YR-72HR	L-LAKE 1	BASE	111.00	14.069	17.500	260400	-8.188	0.000	-53.3	0.0
10YR-72HR	M-LAKE 3	BASE	111.00	14.056	17.500	108491	13.056	3.547	103.8	22.6
10YR-72HR	N-PreDev	BASE	111.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	111.00	5.895	14.500	0	5.518	0.000	35.0	0.0
10YR-72HR	A-DET 6	BASE	113.00	14.020	17.500	261	0.000	0.749	5.2	10.8
10YR-72HR	AA-6D	BASE	113.00	14.020	17.500	26641	0.749	-3.679	10.8	-23.2
10YR-72HR	AB-65	BASE	113.00	14.020	17.500	14026	-0.212	0.000	-2.0	0.0
10YR-72HR	AC-63	BASE	113.00	14.020	17.500	12946	-0.772	-0.530	-7.2	-4.6
10YR-72HR	B-DET 5E	BASE	113.00	14.017	17.500	135	0.000	-3.078	7.5	-12.4
10YR-72HR	BA-5ED	BASE	113.00	14.020	17.500	35938	-3.078	0.863	-12.4	17.5
10YR-72HR	BB-56	BASE	113.00	14.020	17.500	9966	0.863	0.689	12.5	5.2
10YR-72HR	C-DET 5W	BASE	113.00	14.026	17.500	141	0.000	6.540	8.1	45.5
10YR-72HR	CA-5WD	BASE	113.00	14.020	17.500	36901	6.540	-0.865	50.5	-3.2
10YR-72HR	CB-54	BASE	113.00	14.020	17.500	10831	-0.865	0.000	-3.2	6.5
10YR-72HR	D-DET 4N	BASE	113.00	14.020	17.500	129	0.000	-0.443	2.2	0.7
10YR-72HR	DA-DET 4	BASE	113.00	14.020	17.500	26752	-0.443	0.138	8.2	7.3
10YR-72HR	E-DET 7E	BASE	113.00	14.023	17.500	135	0.000	3.082	5.8	27.7
10YR-72HR	EA-7ED	BASE	113.00	14.020	17.500	31402	3.082	-0.596	27.7	-7.1
10YR-72HR	EB-ME 104	BASE	113.00	14.020	17.500	8765	-0.530	0.000	-5.8	0.0
10YR-72HR	EC-CB 32	BASE	113.00	14.027	17.500	174	-2.006	19.681	-8.8	153.9
10YR-72HR	F-DET 7W	BASE	113.00	14.014	17.500	141	0.000	-6.534	8.8	-42.0
10YR-72HR	FA-7WD	BASE	113.00	14.020	17.500	36879	-7.130	0.470	-47.8	10.6
10YR-72HR	FB-7WD	BASE	113.00	14.020	17.500	135	0.000	-0.336	2.5	1.3
10YR-72HR	FC-CS 4	BASE	113.00	14.020	17.500	14094	0.134	0.106	11.9	7.3
10YR-72HR	G-DET 8E	BASE	113.00	14.013	17.500	140	0.000	3.745	5.1	36.3
10YR-72HR	GA-8ED	BASE	113.00	14.009	17.500	20739	3.745	0.050	36.3	2.4
10YR-72HR	GB-CS 28	BASE	113.00	14.009	17.500	5579	0.775	0.869	8.2	8.9
10YR-72HR	H-DET 8W	BASE	113.00	14.006	17.500	140	0.000	-3.741	6.0	-24.6
10YR-72HR	HA-8WD	BASE	113.00	14.010	17.500	23183	-4.466	-0.475	-30.4	1.1
10YR-72HR	HB-CS 5	BASE	113.00	14.010	17.500	8022	-0.475	-0.472	1.1	-0.5
10YR-72HR	I-BLDG B	BASE	113.00	14.016	17.500	189	0.000	3.985	3.3	32.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	113.00	14.007	17.500	338	11.588	-4.532	91.6	-39.3
10YR-72HR	J-BLDG A	BASE	113.00	14.012	17.500	189	0.000	-3.513	5.9	-18.3
10YR-72HR	JA-1	BASE	113.00	14.019	17.500	363	-8.046	4.601	-57.6	48.2
10YR-72HR	K-LAKE-2	BASE	113.00	14.011	17.500	95810	-3.631	1.936	-31.9	12.7
10YR-72HR	KA-21	BASE	113.00	14.009	17.500	293	4.601	-11.573	48.2	-107.6
10YR-72HR	L-LAKE 1	BASE	113.00	14.020	17.500	259864	-8.171	0.000	-54.6	0.0
10YR-72HR	M-LAKE 3	BASE	113.00	14.006	17.500	108402	12.947	3.475	106.0	23.2
10YR-72HR	N-PreDev	BASE	113.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	113.00	5.585	14.500	0	5.411	0.000	35.9	0.0
10YR-72HR	A-DET 6	BASE	115.00	13.971	17.500	267	0.000	0.710	5.2	10.9
10YR-72HR	AA-6D	BASE	115.00	13.971	17.500	26422	0.710	-3.524	10.9	-23.8
10YR-72HR	AB-65	BASE	115.00	13.971	17.500	13913	-0.200	0.000	-2.0	0.0
10YR-72HR	AC-63	BASE	115.00	13.971	17.500	12845	-0.738	-0.513	-7.4	-4.7
10YR-72HR	B-DET 5E	BASE	115.00	13.968	17.500	135	0.000	-2.942	7.5	-12.9
10YR-72HR	BA-5ED	BASE	115.00	13.971	17.500	35675	-2.942	0.807	-12.9	17.7
10YR-72HR	BB-56	BASE	115.00	13.971	17.500	9898	0.807	0.669	12.6	5.3
10YR-72HR	C-DET 5W	BASE	115.00	13.977	17.500	141	0.000	6.294	8.1	46.5
10YR-72HR	CA-5WD	BASE	115.00	13.971	17.500	36631	6.294	-0.803	51.6	-3.3
10YR-72HR	CB-54	BASE	115.00	13.971	17.500	10753	-0.803	0.000	-3.3	6.5
10YR-72HR	D-DET 4N	BASE	115.00	13.971	17.500	182	0.000	-0.334	2.2	0.6
10YR-72HR	DA-DET 4	BASE	115.00	13.971	17.500	26678	-0.334	0.136	8.1	7.3
10YR-72HR	E-DET 7E	BASE	115.00	13.974	17.500	135	0.000	2.947	5.8	28.2
10YR-72HR	EA-7ED	BASE	115.00	13.971	17.500	31142	2.947	-0.558	28.2	-7.2
10YR-72HR	EB-ME 104	BASE	115.00	13.971	17.500	8700	-0.513	0.000	-5.9	0.0
10YR-72HR	EC-CB 32	BASE	115.00	13.978	17.500	174	-1.917	19.537	-9.1	157.1
10YR-72HR	F-DET 7W	BASE	115.00	13.965	17.500	141	0.000	-6.289	8.8	-43.0
10YR-72HR	FA-7WD	BASE	115.00	13.971	17.500	36574	-6.847	0.454	-48.9	10.6
10YR-72HR	FB-7WD	BASE	115.00	13.971	17.500	206	0.000	-0.231	2.5	1.3
10YR-72HR	FC-CS 4	BASE	115.00	13.971	17.500	14050	0.223	0.103	11.9	7.3
10YR-72HR	G-DET 8E	BASE	115.00	13.964	17.500	140	0.000	3.569	5.1	36.9
10YR-72HR	GA-8ED	BASE	115.00	13.960	17.500	20462	3.569	0.056	36.9	2.4
10YR-72HR	GB-CS 28	BASE	115.00	13.960	17.500	5505	0.754	0.840	8.3	9.0
10YR-72HR	H-DET 8W	BASE	115.00	13.958	17.500	140	0.000	-3.566	6.0	-25.2
10YR-72HR	HA-8WD	BASE	115.00	13.961	17.500	22874	-4.263	-0.462	-31.1	1.0
10YR-72HR	HB-CS 5	BASE	115.00	13.961	17.500	7916	-0.462	-0.455	1.0	-0.5
10YR-72HR	I-BLDG B	BASE	115.00	13.967	17.500	192	0.000	3.856	3.3	32.6
10YR-72HR	IA-3	BASE	115.00	13.958	17.500	341	11.397	-4.488	93.5	-40.0
10YR-72HR	J-BLDG A	BASE	115.00	13.963	17.500	192	0.000	-3.398	5.9	-18.9
10YR-72HR	JA-1	BASE	115.00	13.970	17.500	366	-7.886	4.574	-58.9	48.9
10YR-72HR	K-LAKE-2	BASE	115.00	13.962	17.500	95580	-3.670	1.900	-32.5	13.0
10YR-72HR	KA-21	BASE	115.00	13.960	17.500	293	4.574	-11.607	48.9	-109.6
10YR-72HR	L-LAKE 1	BASE	115.00	13.971	17.500	259335	-8.152	0.000	-56.0	0.0
10YR-72HR	M-LAKE 3	BASE	115.00	13.957	17.500	108314	12.836	3.404	108.1	23.8
10YR-72HR	N-PreDev	BASE	115.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	115.00	5.275	14.500	0	5.303	0.000	36.8	0.0
10YR-72HR	A-DET 6	BASE	117.00	13.923	17.500	273	0.000	0.673	5.2	11.0
10YR-72HR	AA-6D	BASE	117.00	13.922	17.500	26207	0.673	-3.365	11.0	-24.4
10YR-72HR	AB-65	BASE	117.00	13.923	17.500	13801	-0.184	0.000	-2.1	0.0
10YR-72HR	AC-63	BASE	117.00	13.923	17.500	12745	-0.706	-0.503	-7.5	-4.8
10YR-72HR	B-DET 5E	BASE	117.00	13.920	17.500	136	0.000	-2.810	7.5	-13.3
10YR-72HR	BA-5ED	BASE	117.00	13.923	17.500	35415	-2.810	0.763	-13.3	17.8

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	BB-56	BASE	117.00	13.923	17.500	9830	0.763	0.654	12.8	5.4
10YR-72HR	C-DET 5W	BASE	117.00	13.928	17.500	141	0.000	6.056	8.1	47.5
10YR-72HR	CA-5WD	BASE	117.00	13.923	17.500	36364	6.056	-0.771	52.6	-3.4
10YR-72HR	CB-54	BASE	117.00	13.923	17.500	10677	-0.771	0.000	-3.4	6.5
10YR-72HR	D-DET 4N	BASE	117.00	13.923	17.500	225	0.000	-0.275	2.2	0.6
10YR-72HR	DA-DET 4	BASE	117.00	13.923	17.500	26596	-0.275	0.134	8.1	7.3
10YR-72HR	E-DET 7E	BASE	117.00	13.925	17.500	136	0.000	2.814	5.8	28.7
10YR-72HR	EA-7ED	BASE	117.00	13.923	17.500	30887	2.814	-0.520	28.7	-7.3
10YR-72HR	EB-ME 104	BASE	117.00	13.923	17.500	8637	-0.503	0.000	-6.0	0.0
10YR-72HR	EC-CB 32	BASE	117.00	13.930	17.500	174	-1.821	19.391	-9.4	160.3
10YR-72HR	F-DET 7W	BASE	117.00	13.917	17.500	141	0.000	-6.051	8.8	-44.0
10YR-72HR	FA-7WD	BASE	117.00	13.923	17.500	36273	-6.571	0.419	-50.1	10.7
10YR-72HR	FB-7WD	BASE	117.00	13.923	17.500	265	0.000	-0.183	2.5	1.2
10YR-72HR	FC-CS 4	BASE	117.00	13.923	17.500	13994	0.236	0.101	12.0	7.4
10YR-72HR	G-DET 8E	BASE	117.00	13.915	17.500	140	0.000	3.400	5.1	37.5
10YR-72HR	GA-8ED	BASE	117.00	13.912	17.500	20190	3.400	0.062	37.5	2.4
10YR-72HR	GB-CS 28	BASE	117.00	13.912	17.500	5433	0.732	0.812	8.4	9.2
10YR-72HR	H-DET 8W	BASE	117.00	13.910	17.500	140	0.000	-3.397	6.0	-25.8
10YR-72HR	HA-8WD	BASE	117.00	13.913	17.500	22569	-4.067	-0.448	-31.8	1.0
10YR-72HR	HB-CS 5	BASE	117.00	13.913	17.500	7811	-0.448	-0.438	1.0	-0.6
10YR-72HR	I-BLDG B	BASE	117.00	13.918	17.500	195	0.000	3.730	3.3	33.3
10YR-72HR	IA-3	BASE	117.00	13.910	17.500	343	11.210	-4.447	95.4	-40.8
10YR-72HR	J-BLDG A	BASE	117.00	13.915	17.500	195	0.000	-3.286	5.9	-19.4
10YR-72HR	JA-1	BASE	117.00	13.921	17.500	369	-7.732	4.549	-60.2	49.7
10YR-72HR	K-LAKE-2	BASE	117.00	13.914	17.500	95354	-3.710	1.864	-33.1	13.3
10YR-72HR	KA-21	BASE	117.00	13.912	17.500	293	4.549	-11.641	49.7	-111.5
10YR-72HR	L-LAKE 1	BASE	117.00	13.922	17.500	258815	-8.134	0.000	-57.3	0.0
10YR-72HR	M-LAKE 3	BASE	117.00	13.909	17.500	108227	12.723	3.332	110.2	24.3
10YR-72HR	N-PreDev	BASE	117.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	117.00	4.965	14.500	0	5.195	0.000	37.6	0.0
10YR-72HR	A-DET 6	BASE	119.00	13.875	17.500	277	0.000	0.638	5.2	11.1
10YR-72HR	AA-6D	BASE	119.00	13.875	17.500	25995	0.638	-3.197	11.1	-24.9
10YR-72HR	AB-65	BASE	119.00	13.875	17.500	13691	-0.170	0.000	-2.1	0.0
10YR-72HR	AC-63	BASE	119.00	13.875	17.500	12646	-0.675	-0.491	-7.6	-4.8
10YR-72HR	B-DET 5E	BASE	119.00	13.873	17.500	136	0.000	-2.683	7.5	-13.8
10YR-72HR	BA-5ED	BASE	119.00	13.875	17.500	35160	-2.683	0.722	-13.8	17.9
10YR-72HR	BB-56	BASE	119.00	13.875	17.500	9764	0.722	0.637	12.9	5.5
10YR-72HR	C-DET 5W	BASE	119.00	13.881	17.500	142	0.000	5.825	8.1	48.5
10YR-72HR	CA-5WD	BASE	119.00	13.875	17.500	36102	5.825	-0.712	53.6	-3.6
10YR-72HR	CB-54	BASE	119.00	13.875	17.500	10602	-0.712	0.000	-3.6	6.5
10YR-72HR	D-DET 4N	BASE	119.00	13.875	17.500	254	0.000	-0.244	2.2	0.5
10YR-72HR	DA-DET 4	BASE	119.00	13.875	17.500	26501	-0.244	0.133	8.0	7.3
10YR-72HR	E-DET 7E	BASE	119.00	13.878	17.500	136	0.000	2.687	5.8	29.1
10YR-72HR	EA-7ED	BASE	119.00	13.875	17.500	30636	2.687	-0.474	29.1	-7.4
10YR-72HR	EB-ME 104	BASE	119.00	13.875	17.500	8574	-0.491	0.000	-6.1	0.0
10YR-72HR	EC-CB 32	BASE	119.00	13.882	17.500	174	-1.714	19.235	-9.7	163.5
10YR-72HR	F-DET 7W	BASE	119.00	13.870	17.500	142	0.000	-5.820	8.8	-45.0
10YR-72HR	FA-7WD	BASE	119.00	13.875	17.500	35978	-6.294	0.385	-51.1	10.8
10YR-72HR	FB-7WD	BASE	119.00	13.875	17.500	305	0.000	-0.158	2.5	1.2
10YR-72HR	FC-CS 4	BASE	119.00	13.875	17.500	13921	0.227	0.099	12.0	7.4
10YR-72HR	G-DET 8E	BASE	119.00	13.868	17.500	141	0.000	3.238	5.1	38.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	119.00	13.865	17.500	19922	3.238	0.067	38.0	2.5
10YR-72HR	GB-CS 28	BASE	119.00	13.865	17.500	5362	0.710	0.783	8.6	9.3
10YR-72HR	H-DET 8W	BASE	119.00	13.863	17.500	141	0.000	-3.235	6.0	-26.4
10YR-72HR	HA-8WD	BASE	119.00	13.865	17.500	22269	-3.879	-0.434	-32.5	0.9
10YR-72HR	HB-CS 5	BASE	119.00	13.866	17.500	7708	-0.434	-0.421	0.9	-0.7
10YR-72HR	I-BLDG B	BASE	119.00	13.871	17.500	197	0.000	3.607	3.3	33.9
10YR-72HR	IA-3	BASE	119.00	13.863	17.500	346	11.022	-4.409	97.2	-41.5
10YR-72HR	J-BLDG A	BASE	119.00	13.868	17.500	197	0.000	-3.177	5.9	-19.9
10YR-72HR	JA-1	BASE	119.00	13.874	17.500	371	-7.585	4.525	-61.5	50.4
10YR-72HR	K-LAKE-2	BASE	119.00	13.867	17.500	95132	-3.750	1.828	-33.8	13.6
10YR-72HR	KA-21	BASE	119.00	13.864	17.500	293	4.525	-11.676	50.4	-113.4
10YR-72HR	L-LAKE 1	BASE	119.00	13.875	17.500	258303	-8.114	0.000	-58.7	0.0
10YR-72HR	M-LAKE 3	BASE	119.00	13.862	17.500	108142	12.603	3.259	112.3	24.9
10YR-72HR	N-PreDev	BASE	119.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	119.00	4.655	14.500	0	5.087	0.000	38.5	0.0
10YR-72HR	A-DET 6	BASE	121.00	13.829	17.500	282	0.000	0.604	5.2	11.2
10YR-72HR	AA-6D	BASE	121.00	13.828	17.500	25787	0.604	-3.023	11.2	-25.4
10YR-72HR	AB-65	BASE	121.00	13.829	17.500	13582	-0.157	0.000	-2.1	0.0
10YR-72HR	AC-63	BASE	121.00	13.829	17.500	12548	-0.645	-0.475	-7.7	-4.9
10YR-72HR	B-DET 5E	BASE	121.00	13.826	17.500	136	0.000	-2.560	7.5	-14.2
10YR-72HR	BA-5ED	BASE	121.00	13.829	17.500	34909	-2.560	0.470	-14.2	18.0
10YR-72HR	BB-56	BASE	121.00	13.829	17.500	9699	0.683	0.620	13.0	5.6
10YR-72HR	C-DET 5W	BASE	121.00	13.834	17.500	142	0.000	5.601	8.1	49.5
10YR-72HR	CA-5WD	BASE	121.00	13.829	17.500	35844	5.388	-0.637	54.5	-3.7
10YR-72HR	CB-54	BASE	121.00	13.829	17.500	10528	-0.637	0.000	-3.7	6.5
10YR-72HR	D-DET 4N	BASE	121.00	13.829	17.500	277	0.000	-0.224	2.2	0.5
10YR-72HR	DA-DET 4	BASE	121.00	13.829	17.500	26403	-0.224	0.133	8.0	7.3
10YR-72HR	E-DET 7E	BASE	121.00	13.831	17.500	136	0.000	2.564	5.8	29.5
10YR-72HR	EA-7ED	BASE	121.00	13.829	17.500	30389	2.564	-0.131	29.5	-7.4
10YR-72HR	EB-ME 104	BASE	121.00	13.829	17.500	8511	-0.164	0.000	-6.1	0.0
10YR-72HR	EC-CB 32	BASE	121.00	13.835	17.500	174	-1.601	19.074	-10.0	166.7
10YR-72HR	F-DET 7W	BASE	121.00	13.824	17.500	142	0.000	-5.597	8.8	-46.0
10YR-72HR	FA-7WD	BASE	121.00	13.829	17.500	35688	-6.039	0.360	-52.1	10.8
10YR-72HR	FB-7WD	BASE	121.00	13.829	17.500	335	0.000	-0.142	2.5	1.2
10YR-72HR	FC-CS 4	BASE	121.00	13.829	17.500	13842	0.218	0.099	12.0	7.4
10YR-72HR	G-DET 8E	BASE	121.00	13.821	17.500	141	0.000	3.083	5.1	38.5
10YR-72HR	GA-8ED	BASE	121.00	13.818	17.500	19659	3.083	0.070	38.5	2.5
10YR-72HR	GB-CS 28	BASE	121.00	13.818	17.500	5292	0.688	0.756	8.7	9.4
10YR-72HR	H-DET 8W	BASE	121.00	13.816	17.500	141	0.000	-3.080	6.0	-26.9
10YR-72HR	HA-8WD	BASE	121.00	13.819	17.500	21975	-3.698	-0.420	-33.1	0.8
10YR-72HR	HB-CS 5	BASE	121.00	13.819	17.500	7607	-0.420	-0.404	0.8	-0.7
10YR-72HR	I-BLDG B	BASE	121.00	13.824	17.500	200	0.000	3.487	3.3	34.5
10YR-72HR	IA-3	BASE	121.00	13.816	17.500	348	10.837	-4.374	99.0	-42.2
10YR-72HR	J-BLDG A	BASE	121.00	13.821	17.500	200	0.000	-3.071	5.9	-20.5
10YR-72HR	JA-1	BASE	121.00	13.827	17.500	373	-7.445	4.500	-62.7	51.2
10YR-72HR	K-LAKE-2	BASE	121.00	13.821	17.500	94914	-3.789	1.791	-34.4	13.9
10YR-72HR	KA-21	BASE	121.00	13.818	17.500	293	4.500	-11.710	51.2	-115.3
10YR-72HR	L-LAKE 1	BASE	121.00	13.828	17.500	257801	-8.094	0.000	-60.0	0.0
10YR-72HR	M-LAKE 3	BASE	121.00	13.815	17.500	108059	12.481	3.187	114.4	25.4
10YR-72HR	N-PreDev	BASE	121.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	121.00	4.500	14.500	0	4.978	0.000	39.3	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	A-DET 6	BASE	123.00	13.783	17.500	286	0.000	0.573	5.2	11.3
10YR-72HR	AA-6D	BASE	123.00	13.783	17.500	25581	0.573	-2.847	11.3	-25.9
10YR-72HR	AB-65	BASE	123.00	13.783	17.500	13475	-0.145	0.000	-2.1	0.0
10YR-72HR	AC-63	BASE	123.00	13.783	17.500	12452	-0.615	-0.457	-7.8	-5.0
10YR-72HR	B-DET 5E	BASE	123.00	13.781	17.500	136	0.000	-2.442	7.5	-14.6
10YR-72HR	BA-5ED	BASE	123.00	13.783	17.500	34663	-2.442	0.437	-14.6	18.1
10YR-72HR	BB-56	BASE	123.00	13.783	17.500	9634	0.647	0.602	13.1	5.7
10YR-72HR	C-DET 5W	BASE	123.00	13.788	17.500	142	0.000	5.385	8.1	50.4
10YR-72HR	CA-5WD	BASE	123.00	13.783	17.500	35591	5.174	-0.590	55.4	-3.8
10YR-72HR	CB-54	BASE	123.00	13.783	17.500	10455	-0.590	0.000	-3.8	6.5
10YR-72HR	D-DET 4N	BASE	123.00	13.783	17.500	296	0.000	-0.207	2.2	0.5
10YR-72HR	DA-DET 4	BASE	123.00	13.783	17.500	26302	-0.207	0.133	7.9	7.4
10YR-72HR	E-DET 7E	BASE	123.00	13.785	17.500	136	0.000	2.445	5.8	30.0
10YR-72HR	EA-7ED	BASE	123.00	13.783	17.500	30146	2.445	-0.112	30.0	-7.4
10YR-72HR	EB-ME 104	BASE	123.00	13.783	17.500	8450	-0.145	0.000	-6.2	0.0
10YR-72HR	EC-CB 32	BASE	123.00	13.789	17.500	174	-1.484	18.909	-10.3	169.8
10YR-72HR	F-DET 7W	BASE	123.00	13.778	17.500	142	0.000	-5.381	8.8	-46.9
10YR-72HR	FA-7WD	BASE	123.00	13.783	17.500	35403	-5.804	0.336	-53.1	10.9
10YR-72HR	FB-7WD	BASE	123.00	13.783	17.500	361	0.000	-0.130	2.5	1.2
10YR-72HR	FC-CS 4	BASE	123.00	13.783	17.500	13759	0.207	0.099	12.1	7.4
10YR-72HR	G-DET 8E	BASE	123.00	13.775	17.500	141	0.000	2.933	5.1	39.0
10YR-72HR	GA-8ED	BASE	123.00	13.773	17.500	19400	2.933	0.073	39.0	2.5
10YR-72HR	GB-CS 28	BASE	123.00	13.773	17.500	5223	0.666	0.729	8.8	9.5
10YR-72HR	H-DET 8W	BASE	123.00	13.771	17.500	141	0.000	-2.931	6.0	-27.4
10YR-72HR	HA-8WD	BASE	123.00	13.773	17.500	21686	-3.523	-0.406	-33.7	0.7
10YR-72HR	HB-CS 5	BASE	123.00	13.773	17.500	7508	-0.406	-0.388	0.7	-0.8
10YR-72HR	I-BLDG B	BASE	123.00	13.778	17.500	202	0.000	3.371	3.3	35.0
10YR-72HR	IA-3	BASE	123.00	13.771	17.500	350	10.653	-4.342	100.8	-42.9
10YR-72HR	J-BLDG A	BASE	123.00	13.776	17.500	202	0.000	-2.968	5.9	-21.0
10YR-72HR	JA-1	BASE	123.00	13.781	17.500	375	-7.310	4.476	-63.9	51.9
10YR-72HR	K-LAKE-2	BASE	123.00	13.775	17.500	94699	-3.827	1.755	-35.0	14.2
10YR-72HR	KA-21	BASE	123.00	13.772	17.500	293	4.476	-11.744	51.9	-117.3
10YR-72HR	L-LAKE 1	BASE	123.00	13.783	17.500	257307	-8.072	0.000	-61.3	0.0
10YR-72HR	M-LAKE 3	BASE	123.00	13.769	17.500	107977	12.355	3.113	116.4	25.9
10YR-72HR	N-PreDev	BASE	123.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	123.00	4.500	14.500	0	4.868	0.000	40.1	0.0
10YR-72HR	A-DET 6	BASE	125.00	13.738	17.500	289	0.000	0.542	5.2	11.4
10YR-72HR	AA-6D	BASE	125.00	13.738	17.500	25379	0.542	-2.670	11.4	-26.4
10YR-72HR	AB-65	BASE	125.00	13.738	17.500	13371	-0.135	0.000	-2.2	0.0
10YR-72HR	AC-63	BASE	125.00	13.738	17.500	12357	-0.587	-0.442	-7.9	-5.1
10YR-72HR	B-DET 5E	BASE	125.00	13.736	17.500	137	0.000	-2.327	7.5	-15.0
10YR-72HR	BA-5ED	BASE	125.00	13.738	17.500	34421	-2.327	0.436	-15.0	18.2
10YR-72HR	BB-56	BASE	125.00	13.738	17.500	9571	0.620	0.583	13.2	5.8
10YR-72HR	C-DET 5W	BASE	125.00	13.743	17.500	142	0.000	5.177	8.1	51.3
10YR-72HR	CA-5WD	BASE	125.00	13.738	17.500	35343	4.993	-0.540	56.2	-3.9
10YR-72HR	CB-54	BASE	125.00	13.738	17.500	10384	-0.540	0.000	-3.9	6.5
10YR-72HR	D-DET 4N	BASE	125.00	13.738	17.500	312	0.000	-0.192	2.2	0.4
10YR-72HR	DA-DET 4	BASE	125.00	13.738	17.500	26201	-0.192	0.134	7.9	7.4
10YR-72HR	E-DET 7E	BASE	125.00	13.740	17.500	137	0.000	2.330	5.8	30.4
10YR-72HR	EA-7ED	BASE	125.00	13.738	17.500	29908	2.330	-0.128	30.4	-7.4
10YR-72HR	EB-ME 104	BASE	125.00	13.738	17.500	8389	-0.164	0.000	-6.2	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	125.00	13.744	17.500	174	-1.364	18.738	-10.5	172.9
10YR-72HR	F-DET 7W	BASE	125.00	13.733	17.500	142	0.000	-5.174	8.8	-47.7
10YR-72HR	FA-7WD	BASE	125.00	13.738	17.500	35123	-5.580	0.314	-54.1	11.0
10YR-72HR	FB-7WD	BASE	125.00	13.738	17.500	382	0.000	-0.119	2.5	1.1
10YR-72HR	FC-CS 4	BASE	125.00	13.738	17.500	13674	0.195	0.101	12.1	7.4
10YR-72HR	G-DET 8E	BASE	125.00	13.730	17.500	141	0.000	2.790	5.1	39.5
10YR-72HR	GA-8ED	BASE	125.00	13.728	17.500	19146	2.790	0.076	39.5	2.5
10YR-72HR	GB-CS 28	BASE	125.00	13.728	17.500	5156	0.644	0.702	8.9	9.7
10YR-72HR	H-DET 8W	BASE	125.00	13.726	17.500	141	0.000	-2.787	6.0	-27.9
10YR-72HR	HA-8WD	BASE	125.00	13.728	17.500	21401	-3.355	-0.392	-34.3	0.7
10YR-72HR	HB-CS 5	BASE	125.00	13.729	17.500	7410	-0.392	-0.372	0.7	-0.9
10YR-72HR	I-BLDG B	BASE	125.00	13.733	17.500	203	0.000	3.257	3.3	35.6
10YR-72HR	IA-3	BASE	125.00	13.726	17.500	352	10.470	-4.313	102.5	-43.7
10YR-72HR	J-BLDG A	BASE	125.00	13.731	17.500	203	0.000	-2.868	5.9	-21.4
10YR-72HR	JA-1	BASE	125.00	13.736	17.500	377	-7.181	4.451	-65.1	52.7
10YR-72HR	K-LAKE-2	BASE	125.00	13.730	17.500	94488	-3.865	1.719	-35.7	14.5
10YR-72HR	KA-21	BASE	125.00	13.727	17.500	293	4.451	-11.778	52.7	-119.2
10YR-72HR	L-LAKE 1	BASE	125.00	13.738	17.500	256822	-8.050	0.000	-62.7	0.0
10YR-72HR	M-LAKE 3	BASE	125.00	13.725	17.500	107896	12.228	3.040	118.4	26.4
10YR-72HR	N-PreDev	BASE	125.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	125.00	4.500	14.500	0	4.758	0.000	40.9	0.0
10YR-72HR	A-DET 6	BASE	127.00	13.694	17.500	293	0.000	0.513	5.2	11.5
10YR-72HR	AA-6D	BASE	127.00	13.694	17.500	25181	0.513	-2.488	11.5	-26.8
10YR-72HR	AB-65	BASE	127.00	13.694	17.500	13267	-0.125	0.000	-2.2	0.0
10YR-72HR	AC-63	BASE	127.00	13.694	17.500	12264	-0.559	-0.425	-8.0	-5.1
10YR-72HR	B-DET 5E	BASE	127.00	13.692	17.500	137	0.000	-2.217	7.5	-15.4
10YR-72HR	BA-5ED	BASE	127.00	13.694	17.500	34183	-2.217	0.416	-15.4	18.2
10YR-72HR	BB-56	BASE	127.00	13.694	17.500	9508	0.588	0.564	13.3	5.9
10YR-72HR	C-DET 5W	BASE	127.00	13.698	17.500	142	0.000	4.976	8.1	52.1
10YR-72HR	CA-5WD	BASE	127.00	13.694	17.500	35099	4.803	-0.497	57.0	-4.0
10YR-72HR	CB-54	BASE	127.00	13.694	17.500	10314	-0.497	0.000	-4.0	6.5
10YR-72HR	D-DET 4N	BASE	127.00	13.694	17.500	326	0.000	-0.180	2.2	0.4
10YR-72HR	DA-DET 4	BASE	127.00	13.694	17.500	26100	-0.180	0.136	7.9	7.4
10YR-72HR	E-DET 7E	BASE	127.00	13.696	17.500	137	0.000	2.221	5.8	30.7
10YR-72HR	EA-7ED	BASE	127.00	13.694	17.500	29674	2.221	-0.108	30.7	-7.5
10YR-72HR	EB-ME 104	BASE	127.00	13.694	17.500	8329	-0.148	0.000	-6.2	0.0
10YR-72HR	EC-CB 32	BASE	127.00	13.699	17.500	174	-1.241	18.562	-10.7	176.0
10YR-72HR	F-DET 7W	BASE	127.00	13.690	17.500	142	0.000	-4.973	8.8	-48.6
10YR-72HR	FA-7WD	BASE	127.00	13.694	17.500	34848	-5.358	0.295	-55.0	11.0
10YR-72HR	FB-7WD	BASE	127.00	13.694	17.500	401	0.000	-0.111	2.5	1.1
10YR-72HR	FC-CS 4	BASE	127.00	13.694	17.500	13589	0.184	0.103	12.1	7.4
10YR-72HR	G-DET 8E	BASE	127.00	13.686	17.500	141	0.000	2.652	5.1	39.9
10YR-72HR	GA-8ED	BASE	127.00	13.684	17.500	18896	2.652	0.077	39.9	2.5
10YR-72HR	GB-CS 28	BASE	127.00	13.684	17.500	5089	0.621	0.676	9.0	9.8
10YR-72HR	H-DET 8W	BASE	127.00	13.682	17.500	141	0.000	-2.650	6.0	-28.3
10YR-72HR	HA-8WD	BASE	127.00	13.684	17.500	21123	-3.194	-0.378	-34.8	0.6
10YR-72HR	HB-CS 5	BASE	127.00	13.685	17.500	7315	-0.378	-0.356	0.6	-0.9
10YR-72HR	I-BLDG B	BASE	127.00	13.689	17.500	205	0.000	3.147	3.3	36.1
10YR-72HR	IA-3	BASE	127.00	13.682	17.500	353	10.288	-4.287	104.2	-44.4
10YR-72HR	J-BLDG A	BASE	127.00	13.687	17.500	205	0.000	-2.772	5.9	-21.9
10YR-72HR	JA-1	BASE	127.00	13.692	17.500	379	-7.058	4.426	-66.3	53.4

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	K-LAKE-2	BASE	127.00	13.686	17.500	94281	-3.902	1.682	-36.3	14.8
10YR-72HR	KA-21	BASE	127.00	13.683	17.500	293	4.426	-11.812	53.4	-121.2
10YR-72HR	L-LAKE 1	BASE	127.00	13.694	17.500	256346	-8.026	0.000	-64.0	0.0
10YR-72HR	M-LAKE 3	BASE	127.00	13.681	17.500	107817	12.096	2.966	120.5	26.9
10YR-72HR	N-PreDev	BASE	127.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	127.00	4.500	14.500	0	4.648	0.000	41.7	0.0
10YR-72HR	A-DET 6	BASE	129.00	13.651	17.500	295	0.000	0.486	5.2	11.6
10YR-72HR	AA-6D	BASE	129.00	13.650	17.500	24986	0.486	-2.301	11.6	-27.2
10YR-72HR	AB-65	BASE	129.00	13.651	17.500	13166	-0.116	0.000	-2.2	0.0
10YR-72HR	AC-63	BASE	129.00	13.650	17.500	12172	-0.530	-0.407	-8.1	-5.2
10YR-72HR	B-DET 5E	BASE	129.00	13.649	17.500	137	0.000	-2.112	7.5	-15.8
10YR-72HR	BA-5ED	BASE	129.00	13.651	17.500	33951	-2.112	0.394	-15.8	18.3
10YR-72HR	BB-56	BASE	129.00	13.651	17.500	9447	0.557	0.543	13.4	6.0
10YR-72HR	C-DET 5W	BASE	129.00	13.655	17.500	143	0.000	4.783	8.1	52.9
10YR-72HR	CA-5WD	BASE	129.00	13.651	17.500	34860	4.621	-0.478	57.8	-4.0
10YR-72HR	CB-54	BASE	129.00	13.651	17.500	10245	-0.478	0.000	-4.0	6.5
10YR-72HR	D-DET 4N	BASE	129.00	13.651	17.500	338	0.000	-0.166	2.2	0.4
10YR-72HR	DA-DET 4	BASE	129.00	13.651	17.500	26000	-0.166	0.139	7.8	7.4
10YR-72HR	E-DET 7E	BASE	129.00	13.653	17.500	137	0.000	2.115	5.8	31.1
10YR-72HR	EA-7ED	BASE	129.00	13.651	17.500	29445	2.115	-0.089	31.1	-7.5
10YR-72HR	EB-ME 104	BASE	129.00	13.651	17.500	8270	-0.134	0.000	-6.2	0.0
10YR-72HR	EC-CB 32	BASE	129.00	13.656	17.500	174	-1.112	18.378	-10.9	179.1
10YR-72HR	F-DET 7W	BASE	129.00	13.647	17.500	143	0.000	-4.780	8.8	-49.4
10YR-72HR	FA-7WD	BASE	129.00	13.651	17.500	34579	-5.143	0.278	-55.8	11.1
10YR-72HR	FB-7WD	BASE	129.00	13.651	17.500	418	0.000	-0.103	2.5	1.1
10YR-72HR	FC-CS 4	BASE	129.00	13.651	17.500	13503	0.175	0.107	12.2	7.5
10YR-72HR	G-DET 8E	BASE	129.00	13.643	17.500	141	0.000	2.521	5.1	40.4
10YR-72HR	GA-8ED	BASE	129.00	13.641	17.500	18652	2.521	0.078	40.4	2.5
10YR-72HR	GB-CS 28	BASE	129.00	13.640	17.500	5024	0.599	0.650	9.1	9.9
10YR-72HR	H-DET 8W	BASE	129.00	13.639	17.500	141	0.000	-2.519	6.0	-28.7
10YR-72HR	HA-8WD	BASE	129.00	13.641	17.500	20849	-3.040	-0.363	-35.3	0.6
10YR-72HR	HB-CS 5	BASE	129.00	13.642	17.500	7221	-0.363	-0.340	0.6	-1.0
10YR-72HR	I-BLDG B	BASE	129.00	13.646	17.500	206	0.000	3.040	3.3	36.6
10YR-72HR	IA-3	BASE	129.00	13.639	17.500	355	10.106	-4.263	105.9	-45.1
10YR-72HR	J-BLDG A	BASE	129.00	13.644	17.500	206	0.000	-2.678	5.9	-22.4
10YR-72HR	JA-1	BASE	129.00	13.649	17.500	380	-6.941	4.400	-67.4	54.1
10YR-72HR	K-LAKE-2	BASE	129.00	13.643	17.500	94079	-3.939	1.646	-36.9	15.1
10YR-72HR	KA-21	BASE	129.00	13.640	17.500	293	4.400	-11.846	54.1	-123.1
10YR-72HR	L-LAKE 1	BASE	129.00	13.650	17.500	255879	-8.002	0.000	-65.3	0.0
10YR-72HR	M-LAKE 3	BASE	129.00	13.637	17.500	107739	11.961	2.891	122.4	27.4
10YR-72HR	N-PreDev	BASE	129.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	129.00	4.500	14.500	0	4.537	0.000	42.5	0.0
10YR-72HR	A-DET 6	BASE	131.00	13.608	17.500	298	0.000	0.460	5.2	11.6
10YR-72HR	AA-6D	BASE	131.00	13.608	17.500	24795	0.460	-2.107	11.6	-27.6
10YR-72HR	AB-65	BASE	131.00	13.608	17.500	13067	-0.109	0.000	-2.2	0.0
10YR-72HR	AC-63	BASE	131.00	13.608	17.500	12082	-0.501	-0.388	-8.2	-5.3
10YR-72HR	B-DET 5E	BASE	131.00	13.607	17.500	137	0.000	-2.011	7.5	-16.1
10YR-72HR	BA-5ED	BASE	131.00	13.608	17.500	33723	-2.011	0.367	-16.1	18.4
10YR-72HR	BB-56	BASE	131.00	13.608	17.500	9387	0.526	0.520	13.5	6.1
10YR-72HR	C-DET 5W	BASE	131.00	13.612	17.500	143	0.000	4.597	8.1	53.7
10YR-72HR	CA-5WD	BASE	131.00	13.608	17.500	34626	4.439	-0.426	58.5	-4.1

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	131.00	13.608	17.500	10177	-0.426	0.000	-4.1	6.5
10YR-72HR	D-DET 4N	BASE	131.00	13.608	17.500	349	0.000	-0.158	2.2	0.3
10YR-72HR	DA-DET 4	BASE	131.00	13.608	17.500	25900	-0.158	0.144	7.8	7.5
10YR-72HR	E-DET 7E	BASE	131.00	13.610	17.500	137	0.000	2.014	5.8	31.4
10YR-72HR	EA-7ED	BASE	131.00	13.608	17.500	29221	2.014	-0.071	31.4	-7.5
10YR-72HR	EB-ME 104	BASE	131.00	13.608	17.500	8212	-0.122	0.000	-6.3	0.0
10YR-72HR	EC-CB 32	BASE	131.00	13.613	17.500	174	-0.978	18.185	-11.1	182.1
10YR-72HR	F-DET 7W	BASE	131.00	13.604	17.500	143	0.000	-4.594	8.8	-50.2
10YR-72HR	FA-7WD	BASE	131.00	13.608	17.500	34315	-4.931	0.264	-56.7	11.1
10YR-72HR	FB-7WD	BASE	131.00	13.608	17.500	433	0.000	-0.096	2.5	1.1
10YR-72HR	FC-CS 4	BASE	131.00	13.608	17.500	13417	0.167	0.112	12.2	7.5
10YR-72HR	G-DET 8E	BASE	131.00	13.601	17.500	141	0.000	2.396	5.1	40.8
10YR-72HR	GA-8ED	BASE	131.00	13.598	17.500	18412	2.396	0.079	40.8	2.5
10YR-72HR	GB-CS 28	BASE	131.00	13.598	17.500	4961	0.577	0.624	9.2	10.0
10YR-72HR	H-DET 8W	BASE	131.00	13.597	17.500	141	0.000	-2.394	6.0	-29.1
10YR-72HR	HA-8WD	BASE	131.00	13.599	17.500	20581	-2.892	-0.349	-35.8	0.5
10YR-72HR	HB-CS 5	BASE	131.00	13.599	17.500	7129	-0.349	-0.325	0.5	-1.0
10YR-72HR	I-BLDG B	BASE	131.00	13.603	17.500	208	0.000	2.935	3.3	37.1
10YR-72HR	IA-3	BASE	131.00	13.596	17.500	356	9.922	-4.242	107.6	-45.8
10YR-72HR	J-BLDG A	BASE	131.00	13.601	17.500	208	0.000	-2.587	5.9	-22.8
10YR-72HR	JA-1	BASE	131.00	13.606	17.500	382	-6.829	4.371	-68.6	54.8
10YR-72HR	K-LAKE-2	BASE	131.00	13.601	17.500	93880	-3.975	1.609	-37.6	15.3
10YR-72HR	KA-21	BASE	131.00	13.597	17.500	293	4.371	-11.881	54.8	-125.1
10YR-72HR	L-LAKE 1	BASE	131.00	13.608	17.500	255422	-7.976	0.000	-66.7	0.0
10YR-72HR	M-LAKE 3	BASE	131.00	13.595	17.500	107663	11.821	2.817	124.4	27.9
10YR-72HR	N-PreDev	BASE	131.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	131.00	4.500	14.500	0	4.426	0.000	43.2	0.0
10YR-72HR	A-DET 6	BASE	133.00	13.567	17.500	300	0.000	0.434	5.2	11.7
10YR-72HR	AA-6D	BASE	133.00	13.567	17.500	24608	0.434	-1.892	11.7	-27.9
10YR-72HR	AB-65	BASE	133.00	13.567	17.500	12969	-0.101	0.000	-2.2	0.0
10YR-72HR	AC-63	BASE	133.00	13.567	17.500	11994	-0.470	-0.365	-8.3	-5.3
10YR-72HR	B-DET 5E	BASE	133.00	13.565	17.500	137	0.000	-1.915	7.5	-16.4
10YR-72HR	BA-5ED	BASE	133.00	13.567	17.500	33500	-1.915	0.344	-16.4	18.4
10YR-72HR	BB-56	BASE	133.00	13.567	17.500	9328	0.495	0.494	13.6	6.1
10YR-72HR	C-DET 5W	BASE	133.00	13.571	17.500	143	0.000	4.419	8.1	54.4
10YR-72HR	CA-5WD	BASE	133.00	13.567	17.500	34397	4.268	-0.379	59.3	-4.2
10YR-72HR	CB-54	BASE	133.00	13.567	17.500	10111	-0.379	0.000	-4.2	6.5
10YR-72HR	D-DET 4N	BASE	133.00	13.567	17.500	359	0.000	-0.148	2.2	0.3
10YR-72HR	DA-DET 4	BASE	133.00	13.567	17.500	25802	-0.148	0.151	7.8	7.5
10YR-72HR	E-DET 7E	BASE	133.00	13.569	17.500	137	0.000	1.918	5.8	31.8
10YR-72HR	EA-7ED	BASE	133.00	13.567	17.500	29001	1.918	-0.051	31.8	-7.5
10YR-72HR	EB-ME 104	BASE	133.00	13.567	17.500	8155	-0.112	0.000	-6.3	0.0
10YR-72HR	EC-CB 32	BASE	133.00	13.571	17.500	174	-0.827	17.967	-11.2	185.1
10YR-72HR	F-DET 7W	BASE	133.00	13.563	17.500	143	0.000	-4.416	8.8	-50.9
10YR-72HR	FA-7WD	BASE	133.00	13.567	17.500	34057	-4.720	0.253	-57.5	11.1
10YR-72HR	FB-7WD	BASE	133.00	13.567	17.500	446	0.000	-0.090	2.5	1.1
10YR-72HR	FC-CS 4	BASE	133.00	13.567	17.500	13333	0.163	0.120	12.2	7.5
10YR-72HR	G-DET 8E	BASE	133.00	13.559	17.500	141	0.000	2.276	5.1	41.2
10YR-72HR	GA-8ED	BASE	133.00	13.557	17.500	18177	2.276	0.079	41.2	2.5
10YR-72HR	GB-CS 28	BASE	133.00	13.557	17.500	4898	0.556	0.600	9.3	10.1
10YR-72HR	H-DET 8W	BASE	133.00	13.556	17.500	141	0.000	-2.274	6.0	-29.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	HA-8WD	BASE	133.00	13.558	17.500	20319	-2.751	-0.335	-36.3	0.4
10YR-72HR	HB-CS 5	BASE	133.00	13.558	17.500	7039	-0.335	-0.311	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	133.00	13.561	17.500	209	0.000	2.833	3.3	37.6
10YR-72HR	IA-3	BASE	133.00	13.555	17.500	357	9.731	-4.227	109.2	-46.5
10YR-72HR	J-BLDG A	BASE	133.00	13.560	17.500	209	0.000	-2.499	5.9	-23.2
10YR-72HR	JA-1	BASE	133.00	13.565	17.500	383	-6.725	4.338	-69.7	55.6
10YR-72HR	K-LAKE-2	BASE	133.00	13.559	17.500	93686	-4.009	1.572	-38.3	15.6
10YR-72HR	KA-21	BASE	133.00	13.556	17.500	293	4.338	-11.917	55.6	-127.1
10YR-72HR	L-LAKE 1	BASE	133.00	13.566	17.500	254974	-7.947	0.000	-68.0	0.0
10YR-72HR	M-LAKE 3	BASE	133.00	13.553	17.500	107588	11.669	2.741	126.4	28.3
10YR-72HR	N-PreDev	BASE	133.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	133.00	4.500	14.500	0	4.313	0.000	43.9	0.0
10YR-72HR	A-DET 6	BASE	135.00	13.526	17.500	303	0.000	0.410	5.2	11.8
10YR-72HR	AA-6D	BASE	135.00	13.526	17.500	24426	0.410	-1.663	11.8	-28.2
10YR-72HR	AB-65	BASE	135.00	13.526	17.500	12874	-0.094	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	135.00	13.526	17.500	11908	-0.436	-0.339	-8.3	-5.4
10YR-72HR	B-DET 5E	BASE	135.00	13.525	17.500	137	0.000	-1.823	7.5	-16.7
10YR-72HR	BA-5ED	BASE	135.00	13.527	17.500	33282	-1.823	0.325	-16.7	18.5
10YR-72HR	BB-56	BASE	135.00	13.527	17.500	9270	0.461	0.465	13.7	6.2
10YR-72HR	C-DET 5W	BASE	135.00	13.530	17.500	143	0.000	4.249	8.1	55.1
10YR-72HR	CA-5WD	BASE	135.00	13.527	17.500	34173	4.113	-0.343	60.0	-4.2
10YR-72HR	CB-54	BASE	135.00	13.527	17.500	10047	-0.343	0.143	-4.2	6.5
10YR-72HR	D-DET 4N	BASE	135.00	13.527	17.500	368	0.000	-0.139	2.2	0.3
10YR-72HR	DA-DET 4	BASE	135.00	13.527	17.500	25705	0.004	0.161	7.8	7.5
10YR-72HR	E-DET 7E	BASE	135.00	13.528	17.500	137	0.000	1.826	5.8	32.1
10YR-72HR	EA-7ED	BASE	135.00	13.526	17.500	28786	1.826	-0.032	32.1	-7.5
10YR-72HR	EB-ME 104	BASE	135.00	13.526	17.500	8099	-0.104	0.000	-6.3	0.0
10YR-72HR	EC-CB 32	BASE	135.00	13.530	17.500	174	-0.667	17.731	-11.4	188.0
10YR-72HR	F-DET 7W	BASE	135.00	13.523	17.500	143	0.000	-4.246	8.8	-51.6
10YR-72HR	FA-7WD	BASE	135.00	13.526	17.500	33805	-4.513	0.236	-58.2	11.2
10YR-72HR	FB-7WD	BASE	135.00	13.526	17.500	458	0.000	-0.084	2.5	1.1
10YR-72HR	FC-CS 4	BASE	135.00	13.526	17.500	13248	0.152	0.131	12.2	7.5
10YR-72HR	G-DET 8E	BASE	135.00	13.518	17.500	141	0.000	2.162	5.1	41.5
10YR-72HR	GA-8ED	BASE	135.00	13.517	17.500	17948	2.162	0.079	41.5	2.6
10YR-72HR	GB-CS 28	BASE	135.00	13.516	17.500	4837	0.535	0.576	9.4	10.2
10YR-72HR	H-DET 8W	BASE	135.00	13.515	17.500	141	0.000	-2.160	6.0	-29.9
10YR-72HR	HA-8WD	BASE	135.00	13.517	17.500	20062	-2.617	-0.322	-36.7	0.4
10YR-72HR	HB-CS 5	BASE	135.00	13.517	17.500	6951	-0.322	-0.297	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	135.00	13.520	17.500	210	0.000	2.734	3.3	38.0
10YR-72HR	IA-3	BASE	135.00	13.514	17.500	358	9.533	-4.215	110.8	-47.2
10YR-72HR	J-BLDG A	BASE	135.00	13.519	17.500	210	0.000	-2.414	5.9	-23.6
10YR-72HR	JA-1	BASE	135.00	13.524	17.500	384	-6.629	4.300	-70.8	56.3
10YR-72HR	K-LAKE-2	BASE	135.00	13.519	17.500	93495	-4.043	1.536	-38.9	15.9
10YR-72HR	KA-21	BASE	135.00	13.515	17.500	293	4.300	-11.953	56.3	-129.0
10YR-72HR	L-LAKE 1	BASE	135.00	13.526	17.500	254537	-7.915	0.000	-69.3	0.0
10YR-72HR	M-LAKE 3	BASE	135.00	13.513	17.500	107515	11.509	2.665	128.3	28.8
10YR-72HR	N-PreDev	BASE	135.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	135.00	4.500	14.500	0	4.201	0.000	44.6	0.0
10YR-72HR	A-DET 6	BASE	137.00	13.487	17.500	305	0.000	0.387	5.2	11.8
10YR-72HR	AA-6D	BASE	137.00	13.487	17.500	24247	0.387	-1.424	11.8	-28.4
10YR-72HR	AB-65	BASE	137.00	13.487	17.500	12781	-0.088	0.000	-2.3	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	AC-63	BASE	137.00	13.487	17.500	11823	-0.401	-0.312	-8.4	-5.4
10YR-72HR	B-DET 5E	BASE	137.00	13.485	17.500	137	0.000	-1.735	7.5	-17.0
10YR-72HR	BA-5ED	BASE	137.00	13.487	17.500	33069	-1.735	0.290	-17.0	18.5
10YR-72HR	BB-56	BASE	137.00	13.487	17.500	9213	0.424	0.434	13.7	6.3
10YR-72HR	C-DET 5W	BASE	137.00	13.491	17.500	143	0.000	4.085	8.1	55.8
10YR-72HR	CA-5WD	BASE	137.00	13.487	17.500	33955	3.951	-0.300	60.6	-4.3
10YR-72HR	CB-54	BASE	137.00	13.487	17.500	9984	-0.300	0.145	-4.3	6.5
10YR-72HR	D-DET 4N	BASE	137.00	13.487	17.500	375	0.000	-0.131	2.2	0.3
10YR-72HR	DA-DET 4	BASE	137.00	13.487	17.500	25609	0.014	0.174	7.8	7.5
10YR-72HR	E-DET 7E	BASE	137.00	13.488	17.500	137	0.000	1.738	5.8	32.4
10YR-72HR	EA-7ED	BASE	137.00	13.487	17.500	28577	1.738	-0.008	32.4	-7.5
10YR-72HR	EB-ME 104	BASE	137.00	13.487	17.500	8044	-0.098	0.000	-6.3	0.0
10YR-72HR	EC-CB 32	BASE	137.00	13.490	17.500	174	-0.500	17.479	-11.5	190.9
10YR-72HR	F-DET 7W	BASE	137.00	13.483	17.500	143	0.000	-4.082	8.8	-52.3
10YR-72HR	FA-7WD	BASE	137.00	13.487	17.500	33559	-4.304	0.208	-59.0	11.2
10YR-72HR	FB-7WD	BASE	137.00	13.487	17.500	468	0.000	-0.084	2.5	1.1
10YR-72HR	FC-CS 4	BASE	137.00	13.487	17.500	13165	0.124	0.144	12.3	7.5
10YR-72HR	G-DET 8E	BASE	137.00	13.479	17.500	141	0.000	2.054	5.1	41.9
10YR-72HR	GA-8ED	BASE	137.00	13.477	17.500	17723	2.054	0.078	41.9	2.6
10YR-72HR	GB-CS 28	BASE	137.00	13.477	17.500	4778	0.514	0.552	9.5	10.3
10YR-72HR	H-DET 8W	BASE	137.00	13.476	17.500	141	0.000	-2.052	6.0	-30.2
10YR-72HR	HA-8WD	BASE	137.00	13.478	17.500	19811	-2.489	-0.308	-37.1	0.3
10YR-72HR	HB-CS 5	BASE	137.00	13.478	17.500	6864	-0.308	-0.283	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	137.00	13.481	17.500	211	0.000	2.637	3.3	38.5
10YR-72HR	IA-3	BASE	137.00	13.474	17.500	359	9.328	-4.208	112.4	-47.9
10YR-72HR	J-BLDG A	BASE	137.00	13.479	17.500	211	0.000	-2.331	5.9	-24.0
10YR-72HR	JA-1	BASE	137.00	13.484	17.500	385	-6.539	4.257	-71.9	57.0
10YR-72HR	K-LAKE-2	BASE	137.00	13.479	17.500	93309	-4.075	1.499	-39.6	16.1
10YR-72HR	KA-21	BASE	137.00	13.476	17.500	293	4.257	-11.992	57.0	-131.0
10YR-72HR	L-LAKE 1	BASE	137.00	13.486	17.500	254109	-7.881	0.000	-70.6	0.0
10YR-72HR	M-LAKE 3	BASE	137.00	13.473	17.500	107443	11.341	2.589	130.2	29.2
10YR-72HR	N-PreDev	BASE	137.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	137.00	4.500	14.500	0	4.088	0.000	45.3	0.0
10YR-72HR	A-DET 6	BASE	139.00	13.448	17.500	306	0.000	0.365	5.2	11.9
10YR-72HR	AA-6D	BASE	139.00	13.448	17.500	24073	0.365	-1.176	11.9	-28.6
10YR-72HR	AB-65	BASE	139.00	13.448	17.500	12690	-0.082	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	139.00	13.448	17.500	11740	-0.360	-0.277	-8.5	-5.5
10YR-72HR	B-DET 5E	BASE	139.00	13.447	17.500	137	0.000	-1.651	7.5	-17.3
10YR-72HR	BA-5ED	BASE	139.00	13.449	17.500	32862	-1.651	0.267	-17.3	18.6
10YR-72HR	BB-56	BASE	139.00	13.449	17.500	9158	0.386	0.397	13.8	6.4
10YR-72HR	C-DET 5W	BASE	139.00	13.452	17.500	143	0.000	3.928	8.1	56.5
10YR-72HR	CA-5WD	BASE	139.00	13.449	17.500	33742	3.809	-0.246	61.3	-4.3
10YR-72HR	CB-54	BASE	139.00	13.449	17.500	9922	-0.246	0.000	-4.3	6.5
10YR-72HR	D-DET 4N	BASE	139.00	13.449	17.500	383	0.000	-0.123	2.2	0.2
10YR-72HR	DA-DET 4	BASE	139.00	13.449	17.500	25516	-0.123	0.190	7.8	7.6
10YR-72HR	E-DET 7E	BASE	139.00	13.450	17.500	137	0.000	1.654	5.8	32.6
10YR-72HR	EA-7ED	BASE	139.00	13.448	17.500	28373	1.654	-0.011	32.6	-7.5
10YR-72HR	EB-ME 104	BASE	139.00	13.448	17.500	7991	-0.094	0.000	-6.3	0.0
10YR-72HR	EC-CB 32	BASE	139.00	13.450	17.500	174	-0.337	17.205	-11.5	193.8
10YR-72HR	F-DET 7W	BASE	139.00	13.445	17.500	143	0.000	-3.925	8.8	-53.0
10YR-72HR	FA-7WD	BASE	139.00	13.448	17.500	33319	-4.120	0.192	-59.6	11.3

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	139.00	13.448	17.500	478	0.000	-0.078	2.5	1.0
10YR-72HR	FC-CS 4	BASE	139.00	13.448	17.500	13084	0.114	0.162	12.3	7.6
10YR-72HR	G-DET 8E	BASE	139.00	13.440	17.500	141	0.000	1.951	5.1	42.2
10YR-72HR	GA-8ED	BASE	139.00	13.438	17.500	17504	1.951	0.076	42.2	2.6
10YR-72HR	GB-CS 28	BASE	139.00	13.438	17.500	4720	0.487	0.522	9.6	10.4
10YR-72HR	H-DET 8W	BASE	139.00	13.437	17.500	141	0.000	-1.949	6.0	-30.6
10YR-72HR	HA-8WD	BASE	139.00	13.439	17.500	19566	-2.360	-0.290	-37.5	0.3
10YR-72HR	HB-CS 5	BASE	139.00	13.439	17.500	6780	-0.290	-0.265	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	139.00	13.442	17.500	212	0.000	2.544	3.3	38.9
10YR-72HR	IA-3	BASE	139.00	13.435	17.500	360	9.121	-4.203	113.9	-48.6
10YR-72HR	J-BLDG A	BASE	139.00	13.441	17.500	212	0.000	-2.251	5.9	-24.4
10YR-72HR	JA-1	BASE	139.00	13.446	17.500	386	-6.454	4.213	-73.0	57.7
10YR-72HR	K-LAKE-2	BASE	139.00	13.441	17.500	93128	-4.105	1.462	-40.3	16.3
10YR-72HR	KA-21	BASE	139.00	13.437	17.500	293	4.213	-12.033	57.7	-133.0
10YR-72HR	L-LAKE 1	BASE	139.00	13.447	17.500	253692	-7.840	0.000	-71.9	0.0
10YR-72HR	M-LAKE 3	BASE	139.00	13.434	17.500	107374	11.149	2.485	132.0	29.6
10YR-72HR	N-PreDev	BASE	139.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	139.00	4.500	14.500	0	3.947	0.000	46.0	0.0
10YR-72HR	A-DET 6	BASE	141.00	13.411	17.500	308	0.000	0.343	5.2	12.0
10YR-72HR	AA-6D	BASE	141.00	13.411	17.500	23905	0.343	-0.925	12.0	-28.8
10YR-72HR	AB-65	BASE	141.00	13.411	17.500	12603	-0.076	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	141.00	13.411	17.500	11661	-0.312	-0.238	-8.5	-5.5
10YR-72HR	B-DET 5E	BASE	141.00	13.410	17.500	137	0.000	-1.573	7.5	-17.6
10YR-72HR	BA-5ED	BASE	141.00	13.412	17.500	32662	-1.573	0.342	-17.6	18.6
10YR-72HR	BB-56	BASE	141.00	13.411	17.500	9105	0.342	0.350	13.9	6.4
10YR-72HR	C-DET 5W	BASE	141.00	13.415	17.500	143	0.000	3.780	8.1	57.1
10YR-72HR	CA-5WD	BASE	141.00	13.412	17.500	33537	3.780	-0.206	61.9	-4.4
10YR-72HR	CB-54	BASE	141.00	13.412	17.500	9863	-0.206	0.158	-4.4	6.5
10YR-72HR	D-DET 4N	BASE	141.00	13.411	17.500	389	0.000	-0.116	2.2	0.2
10YR-72HR	DA-DET 4	BASE	141.00	13.412	17.500	25425	0.042	0.209	7.8	7.6
10YR-72HR	E-DET 7E	BASE	141.00	13.413	17.500	137	0.000	1.575	5.8	32.9
10YR-72HR	EA-7ED	BASE	141.00	13.411	17.500	28176	1.575	-0.178	32.9	-7.5
10YR-72HR	EB-ME 104	BASE	141.00	13.411	17.500	7939	-0.238	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	141.00	13.413	17.500	174	-0.187	16.909	-11.6	196.6
10YR-72HR	F-DET 7W	BASE	141.00	13.408	17.500	143	0.000	-3.778	8.8	-53.6
10YR-72HR	FA-7WD	BASE	141.00	13.411	17.500	33088	-3.955	0.230	-60.3	11.3
10YR-72HR	FB-7WD	BASE	141.00	13.411	17.500	486	0.000	-0.072	2.5	1.0
10YR-72HR	FC-CS 4	BASE	141.00	13.411	17.500	13005	0.158	0.183	12.3	7.6
10YR-72HR	G-DET 8E	BASE	141.00	13.403	17.500	141	0.000	1.854	5.1	42.5
10YR-72HR	GA-8ED	BASE	141.00	13.401	17.500	17293	1.854	0.073	42.5	2.6
10YR-72HR	GB-CS 28	BASE	141.00	13.401	17.500	4664	0.449	0.482	9.6	10.5
10YR-72HR	H-DET 8W	BASE	141.00	13.400	17.500	141	0.000	-1.853	6.0	-30.9
10YR-72HR	HA-8WD	BASE	141.00	13.402	17.500	19330	-2.229	-0.262	-37.9	0.2
10YR-72HR	HB-CS 5	BASE	141.00	13.402	17.500	6700	-0.262	-0.238	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	141.00	13.404	17.500	213	0.000	2.454	3.3	39.3
10YR-72HR	IA-3	BASE	141.00	13.398	17.500	361	8.921	-4.195	115.4	-49.3
10YR-72HR	J-BLDG A	BASE	141.00	13.403	17.500	213	0.000	-2.175	5.9	-24.8
10YR-72HR	JA-1	BASE	141.00	13.408	17.500	387	-6.370	4.174	-74.0	58.4
10YR-72HR	K-LAKE-2	BASE	141.00	13.404	17.500	92953	-4.131	1.426	-40.9	16.6
10YR-72HR	KA-21	BASE	141.00	13.400	17.500	293	4.174	-12.074	58.4	-135.0
10YR-72HR	L-LAKE 1	BASE	141.00	13.410	17.500	253289	-7.789	0.000	-73.2	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	141.00	13.397	17.500	107307	10.924	2.348	133.8	30.0
10YR-72HR	N-PreDev	BASE	141.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	141.00	4.500	14.500	0	3.774	0.000	46.6	0.0
10YR-72HR	A-DET 6	BASE	143.00	13.376	17.500	309	0.000	0.323	5.2	12.0
10YR-72HR	AA-6D	BASE	143.00	13.376	17.500	23745	0.323	-0.657	12.0	-29.0
10YR-72HR	AB-65	BASE	143.00	13.376	17.500	12519	-0.071	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	143.00	13.376	17.500	11584	-0.260	-0.188	-8.6	-5.6
10YR-72HR	B-DET 5E	BASE	143.00	13.375	17.500	137	0.000	-1.500	7.5	-17.8
10YR-72HR	BA-5ED	BASE	143.00	13.376	17.500	32471	-1.500	0.296	-17.8	18.7
10YR-72HR	BB-56	BASE	143.00	13.376	17.500	9053	0.296	0.302	13.9	6.5
10YR-72HR	C-DET 5W	BASE	143.00	13.379	17.500	143	0.000	3.641	8.1	57.7
10YR-72HR	CA-5WD	BASE	143.00	13.376	17.500	33341	3.641	0.000	62.5	-4.4
10YR-72HR	CB-54	BASE	143.00	13.376	17.500	9807	0.000	0.147	-4.4	6.5
10YR-72HR	D-DET 4N	BASE	143.00	13.376	17.500	394	0.000	-0.111	2.2	0.2
10YR-72HR	DA-DET 4	BASE	143.00	13.376	17.500	25338	0.036	0.229	7.8	7.6
10YR-72HR	E-DET 7E	BASE	143.00	13.377	17.500	137	0.000	1.502	5.8	33.2
10YR-72HR	EA-7ED	BASE	143.00	13.376	17.500	27989	1.502	0.012	33.2	-7.5
10YR-72HR	EB-ME 104	BASE	143.00	13.376	17.500	7889	-0.032	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	143.00	13.376	17.500	174	-0.023	16.589	-11.6	199.4
10YR-72HR	F-DET 7W	BASE	143.00	13.373	17.500	143	0.000	-3.639	8.8	-54.2
10YR-72HR	FA-7WD	BASE	143.00	13.376	17.500	32867	-3.783	0.222	-61.0	11.3
10YR-72HR	FB-7WD	BASE	143.00	13.376	17.500	494	0.000	-0.072	2.5	1.0
10YR-72HR	FC-CS 4	BASE	143.00	13.376	17.500	12928	0.151	0.207	12.3	7.6
10YR-72HR	G-DET 8E	BASE	143.00	13.367	17.500	141	0.000	1.764	5.1	42.8
10YR-72HR	GA-8ED	BASE	143.00	13.365	17.500	17091	1.764	0.069	42.8	2.6
10YR-72HR	GB-CS 28	BASE	143.00	13.365	17.500	4610	0.409	0.440	9.7	10.5
10YR-72HR	H-DET 8W	BASE	143.00	13.365	17.500	141	0.000	-1.763	6.0	-31.2
10YR-72HR	HA-8WD	BASE	143.00	13.366	17.500	19104	-2.103	-0.232	-38.3	0.2
10YR-72HR	HB-CS 5	BASE	143.00	13.366	17.500	6622	-0.232	-0.209	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	143.00	13.368	17.500	213	0.000	2.368	3.3	39.7
10YR-72HR	IA-3	BASE	143.00	13.362	17.500	362	8.708	-4.195	116.8	-50.0
10YR-72HR	J-BLDG A	BASE	143.00	13.368	17.500	213	0.000	-2.103	5.9	-25.1
10YR-72HR	JA-1	BASE	143.00	13.372	17.500	387	-6.297	4.125	-75.1	59.1
10YR-72HR	K-LAKE-2	BASE	143.00	13.368	17.500	92786	-4.157	1.390	-41.6	16.8
10YR-72HR	KA-21	BASE	143.00	13.364	17.500	293	4.125	-12.121	59.1	-137.0
10YR-72HR	L-LAKE 1	BASE	143.00	13.374	17.500	252903	-7.737	0.000	-74.5	0.0
10YR-72HR	M-LAKE 3	BASE	143.00	13.361	17.500	107242	10.690	2.216	135.6	30.4
10YR-72HR	N-PreDev	BASE	143.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	143.00	4.500	14.500	0	3.606	0.000	47.2	0.0
10YR-72HR	A-DET 6	BASE	145.00	13.342	17.500	310	0.000	0.304	5.2	12.1
10YR-72HR	AA-6D	BASE	145.00	13.342	17.500	23592	0.304	-0.378	12.1	-29.0
10YR-72HR	AB-65	BASE	145.00	13.342	17.500	12439	-0.065	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	145.00	13.342	17.500	11512	-0.208	-0.147	-8.6	-5.6
10YR-72HR	B-DET 5E	BASE	145.00	13.341	17.500	137	0.000	-1.431	7.5	-18.1
10YR-72HR	BA-5ED	BASE	145.00	13.342	17.500	32289	-1.431	0.249	-18.1	18.7
10YR-72HR	BB-56	BASE	145.00	13.342	17.500	9005	0.249	0.252	14.0	6.5
10YR-72HR	C-DET 5W	BASE	145.00	13.345	17.500	143	0.000	3.512	8.1	58.3
10YR-72HR	CA-5WD	BASE	145.00	13.342	17.500	33154	3.512	0.000	63.1	-4.4
10YR-72HR	CB-54	BASE	145.00	13.342	17.500	9752	0.000	0.165	-4.4	6.6
10YR-72HR	D-DET 4N	BASE	145.00	13.342	17.500	399	0.000	-0.103	2.2	0.2
10YR-72HR	DA-DET 4	BASE	145.00	13.342	17.500	25254	0.062	0.250	7.8	7.7

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	E-DET 7E	BASE	145.00	13.344	17.500	137	0.000	1.434	5.8	33.4
10YR-72HR	EA-7ED	BASE	145.00	13.342	17.500	27810	1.434	-0.098	33.4	-7.6
10YR-72HR	EB-ME 104	BASE	145.00	13.342	17.500	7842	-0.147	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	145.00	13.341	17.500	174	0.147	16.245	-11.6	202.1
10YR-72HR	F-DET 7W	BASE	145.00	13.339	17.500	143	0.000	-3.510	8.8	-54.8
10YR-72HR	FA-7WD	BASE	145.00	13.342	17.500	32657	-3.608	0.215	-61.6	11.4
10YR-72HR	FB-7WD	BASE	145.00	13.342	17.500	500	0.000	-0.067	2.5	1.0
10YR-72HR	FC-CS 4	BASE	145.00	13.342	17.500	12855	0.148	0.231	12.4	7.7
10YR-72HR	G-DET 8E	BASE	145.00	13.333	17.500	141	0.000	1.681	5.1	43.1
10YR-72HR	GA-8ED	BASE	145.00	13.331	17.500	16898	1.681	0.065	43.1	2.6
10YR-72HR	GB-CS 28	BASE	145.00	13.331	17.500	4559	0.362	0.391	9.8	10.6
10YR-72HR	H-DET 8W	BASE	145.00	13.330	17.500	141	0.000	-1.679	6.0	-31.5
10YR-72HR	HA-8WD	BASE	145.00	13.332	17.500	18887	-1.976	-0.194	-38.6	0.2
10YR-72HR	HB-CS 5	BASE	145.00	13.332	17.500	6548	-0.194	-0.172	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	145.00	13.333	17.500	214	0.000	2.285	3.3	40.1
10YR-72HR	IA-3	BASE	145.00	13.327	17.500	362	8.478	-4.205	118.3	-50.7
10YR-72HR	J-BLDG A	BASE	145.00	13.333	17.500	214	0.000	-2.033	5.9	-25.5
10YR-72HR	JA-1	BASE	145.00	13.338	17.500	388	-6.238	4.060	-76.1	59.7
10YR-72HR	K-LAKE-2	BASE	145.00	13.334	17.500	92625	-4.184	1.355	-42.3	17.0
10YR-72HR	KA-21	BASE	145.00	13.330	17.500	293	4.060	-12.179	59.7	-139.0
10YR-72HR	L-LAKE 1	BASE	145.00	13.340	17.500	252533	-7.687	0.000	-75.7	0.0
10YR-72HR	M-LAKE 3	BASE	145.00	13.326	17.500	107180	10.444	2.089	137.4	30.8
10YR-72HR	N-PreDev	BASE	145.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	145.00	4.500	14.500	0	3.444	0.000	47.8	0.0
10YR-72HR	A-DET 6	BASE	147.00	13.310	17.500	311	0.000	0.286	5.2	12.1
10YR-72HR	AA-6D	BASE	147.00	13.310	17.500	23447	0.286	-0.121	12.1	-29.1
10YR-72HR	AB-65	BASE	147.00	13.310	17.500	12364	-0.057	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	147.00	13.310	17.500	11443	-0.143	-0.106	-8.6	-5.6
10YR-72HR	B-DET 5E	BASE	147.00	13.309	17.500	137	0.000	-1.368	7.5	-18.3
10YR-72HR	BA-5ED	BASE	147.00	13.310	17.500	32118	-1.368	0.328	-18.3	18.8
10YR-72HR	BB-56	BASE	147.00	13.310	17.500	8959	0.225	0.195	14.0	6.6
10YR-72HR	C-DET 5W	BASE	147.00	13.313	17.500	143	0.000	3.391	8.1	58.9
10YR-72HR	CA-5WD	BASE	147.00	13.310	17.500	32978	3.494	0.000	63.7	-4.4
10YR-72HR	CB-54	BASE	147.00	13.310	17.500	9701	0.000	0.169	-4.4	6.6
10YR-72HR	D-DET 4N	BASE	147.00	13.310	17.500	403	0.000	-0.100	2.2	0.2
10YR-72HR	DA-DET 4	BASE	147.00	13.310	17.500	25175	0.069	0.272	7.8	7.7
10YR-72HR	E-DET 7E	BASE	147.00	13.312	17.500	137	0.000	1.370	5.8	33.6
10YR-72HR	EA-7ED	BASE	147.00	13.310	17.500	27641	1.370	0.000	33.6	-7.6
10YR-72HR	EB-ME 104	BASE	147.00	13.310	17.500	7797	-0.106	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	147.00	13.306	17.500	174	0.274	15.883	-11.5	204.8
10YR-72HR	F-DET 7W	BASE	147.00	13.307	17.500	143	0.000	-3.389	8.8	-55.4
10YR-72HR	FA-7WD	BASE	147.00	13.310	17.500	32459	-3.389	0.232	-62.1	11.4
10YR-72HR	FB-7WD	BASE	147.00	13.310	17.500	506	0.000	-0.064	2.5	1.0
10YR-72HR	FC-CS 4	BASE	147.00	13.310	17.500	12785	0.168	0.257	12.4	7.7
10YR-72HR	G-DET 8E	BASE	147.00	13.300	17.500	141	0.000	1.604	5.1	43.4
10YR-72HR	GA-8ED	BASE	147.00	13.299	17.500	16715	1.604	0.059	43.4	2.6
10YR-72HR	GB-CS 28	BASE	147.00	13.299	17.500	4510	0.288	0.316	9.8	10.7
10YR-72HR	H-DET 8W	BASE	147.00	13.298	17.500	141	0.000	-1.602	6.0	-31.7
10YR-72HR	HA-8WD	BASE	147.00	13.299	17.500	18681	-1.831	-0.130	-38.9	0.1
10YR-72HR	HB-CS 5	BASE	147.00	13.299	17.500	6477	-0.130	-0.112	0.1	-1.4
10YR-72HR	I-BLDG B	BASE	147.00	13.299	17.500	214	0.000	2.205	3.3	40.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	147.00	13.294	17.500	363	8.211	-4.242	119.6	-51.4
10YR-72HR	J-BLDG A	BASE	147.00	13.300	17.500	214	0.000	-1.965	5.9	-25.8
10YR-72HR	JA-1	BASE	147.00	13.304	17.500	388	-6.207	3.952	-77.1	60.4
10YR-72HR	K-LAKE-2	BASE	147.00	13.301	17.500	92470	-4.215	1.320	-43.0	17.3
10YR-72HR	KA-21	BASE	147.00	13.297	17.500	293	3.952	-12.272	60.4	-141.0
10YR-72HR	L-LAKE 1	BASE	147.00	13.307	17.500	252176	-7.640	0.000	-77.0	0.0
10YR-72HR	M-LAKE 3	BASE	147.00	13.292	17.500	107119	10.192	1.964	139.1	31.1
10YR-72HR	N-PreDev	BASE	147.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	147.00	4.500	14.500	0	3.284	0.000	48.4	0.0
10YR-72HR	A-DET 6	BASE	149.00	13.282	17.500	312	0.000	0.272	5.2	12.2
10YR-72HR	AA-6D	BASE	149.00	13.282	17.500	23318	0.272	-0.024	12.2	-29.1
10YR-72HR	AB-65	BASE	149.00	13.282	17.500	12297	-0.054	0.000	-2.3	0.0
10YR-72HR	AC-63	BASE	149.00	13.282	17.500	11381	-0.117	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	149.00	13.281	17.500	137	0.000	-1.314	7.5	-18.5
10YR-72HR	BA-5ED	BASE	149.00	13.282	17.500	31965	-1.314	0.311	-18.5	18.8
10YR-72HR	BB-56	BASE	149.00	13.282	17.500	8917	0.171	0.111	14.0	6.6
10YR-72HR	C-DET 5W	BASE	149.00	13.285	17.500	143	0.000	3.285	8.1	59.4
10YR-72HR	CA-5WD	BASE	149.00	13.282	17.500	32821	3.425	0.000	64.2	-4.4
10YR-72HR	CB-54	BASE	149.00	13.282	17.500	9656	0.000	0.185	-4.4	6.6
10YR-72HR	D-DET 4N	BASE	149.00	13.282	17.500	407	0.000	-0.096	2.2	0.2
10YR-72HR	DA-DET 4	BASE	149.00	13.282	17.500	25104	0.089	0.263	7.8	7.8
10YR-72HR	E-DET 7E	BASE	149.00	13.283	17.500	137	0.000	1.315	5.8	33.9
10YR-72HR	EA-7ED	BASE	149.00	13.282	17.500	27490	1.315	0.073	33.9	-7.6
10YR-72HR	EB-ME 104	BASE	149.00	13.282	17.500	7757	0.000	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	149.00	13.271	17.500	174	0.258	15.503	-11.5	207.4
10YR-72HR	F-DET 7W	BASE	149.00	13.279	17.500	143	0.000	-3.283	8.8	-55.9
10YR-72HR	FA-7WD	BASE	149.00	13.282	17.500	32282	-3.211	0.231	-62.7	11.4
10YR-72HR	FB-7WD	BASE	149.00	13.282	17.500	511	0.000	-0.061	2.5	1.0
10YR-72HR	FC-CS 4	BASE	149.00	13.282	17.500	12723	0.170	0.250	12.4	7.7
10YR-72HR	G-DET 8E	BASE	149.00	13.271	17.500	141	0.000	1.534	5.1	43.6
10YR-72HR	GA-8ED	BASE	149.00	13.269	17.500	16546	1.534	0.034	43.6	2.6
10YR-72HR	GB-CS 28	BASE	149.00	13.269	17.500	4466	0.126	0.158	9.9	10.7
10YR-72HR	H-DET 8W	BASE	149.00	13.268	17.500	141	0.000	-1.532	6.0	-32.0
10YR-72HR	HA-8WD	BASE	149.00	13.269	17.500	18491	-1.624	0.052	-39.2	0.1
10YR-72HR	HB-CS 5	BASE	149.00	13.269	17.500	6411	0.052	0.025	0.1	-1.4
10YR-72HR	I-BLDG B	BASE	149.00	13.265	17.500	215	0.000	2.123	3.3	40.8
10YR-72HR	IA-3	BASE	149.00	13.260	17.500	363	7.846	-4.347	121.0	-52.1
10YR-72HR	J-BLDG A	BASE	149.00	13.266	17.500	215	0.000	-1.894	5.9	-26.1
10YR-72HR	JA-1	BASE	149.00	13.271	17.500	389	-6.241	3.720	-78.2	61.0
10YR-72HR	K-LAKE-2	BASE	149.00	13.269	17.500	92319	-4.281	1.285	-43.7	17.5
10YR-72HR	KA-21	BASE	149.00	13.264	17.500	293	3.720	-12.475	61.0	-143.1
10YR-72HR	L-LAKE 1	BASE	149.00	13.274	17.500	251825	-7.655	0.000	-78.3	0.0
10YR-72HR	M-LAKE 3	BASE	149.00	13.257	17.500	107056	9.938	1.860	140.7	31.4
10YR-72HR	N-PreDev	BASE	149.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	149.00	4.500	14.500	0	3.146	0.000	48.9	0.0
10YR-72HR	A-DET 6	BASE	151.00	13.263	17.500	312	0.000	0.263	5.2	12.2
10YR-72HR	AA-6D	BASE	151.00	13.262	17.500	23229	0.263	0.013	12.2	-29.1
10YR-72HR	AB-65	BASE	151.00	13.262	17.500	12250	-0.105	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	151.00	13.262	17.500	11339	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	151.00	13.261	17.500	137	0.000	-1.276	7.5	-18.7
10YR-72HR	BA-5ED	BASE	151.00	13.262	17.500	31859	-1.276	0.131	-18.7	18.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	BB-56	BASE	151.00	13.262	17.500	8889	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	151.00	13.265	17.500	143	0.000	3.213	8.1	60.0
10YR-72HR	CA-5WD	BASE	151.00	13.262	17.500	32713	3.344	0.000	64.8	-4.4
10YR-72HR	CB-54	BASE	151.00	13.262	17.500	9624	0.000	0.136	-4.4	6.6
10YR-72HR	D-DET 4N	BASE	151.00	13.262	17.500	409	0.000	-0.093	2.2	0.1
10YR-72HR	DA-DET 4	BASE	151.00	13.262	17.500	25055	0.043	0.180	7.8	7.8
10YR-72HR	E-DET 7E	BASE	151.00	13.264	17.500	137	0.000	1.278	5.8	34.1
10YR-72HR	EA-7ED	BASE	151.00	13.262	17.500	27386	1.278	0.000	34.1	-7.5
10YR-72HR	EB-ME 104	BASE	151.00	13.262	17.500	7729	0.000	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	151.00	13.232	17.500	174	0.118	15.194	-11.5	209.9
10YR-72HR	F-DET 7W	BASE	151.00	13.260	17.500	143	0.000	-3.212	8.8	-56.5
10YR-72HR	FA-7WD	BASE	151.00	13.262	17.500	32160	-3.212	0.171	-63.2	11.5
10YR-72HR	FB-7WD	BASE	151.00	13.262	17.500	514	0.000	-0.060	2.5	1.0
10YR-72HR	FC-CS 4	BASE	151.00	13.262	17.500	12680	0.111	0.160	12.4	7.8
10YR-72HR	G-DET 8E	BASE	151.00	13.252	17.500	141	0.000	1.490	5.1	43.9
10YR-72HR	GA-8ED	BASE	151.00	13.250	17.500	16438	1.490	-0.057	43.9	2.6
10YR-72HR	GB-CS 28	BASE	151.00	13.250	17.500	4437	0.000	0.042	9.9	10.7
10YR-72HR	H-DET 8W	BASE	151.00	13.249	17.500	141	0.000	-1.489	6.0	-32.2
10YR-72HR	HA-8WD	BASE	151.00	13.250	17.500	18370	-1.546	0.054	-39.5	0.1
10YR-72HR	HB-CS 5	BASE	151.00	13.250	17.500	6370	0.054	0.032	0.1	-1.4
10YR-72HR	I-BLDG B	BASE	151.00	13.227	17.500	215	0.000	2.035	3.3	41.2
10YR-72HR	IA-3	BASE	151.00	13.222	17.500	364	7.497	-4.439	122.2	-52.8
10YR-72HR	J-BLDG A	BASE	151.00	13.229	17.500	215	0.000	-1.813	5.9	-26.4
10YR-72HR	JA-1	BASE	151.00	13.233	17.500	389	-6.252	3.466	-79.2	61.6
10YR-72HR	K-LAKE-2	BASE	151.00	13.233	17.500	92148	-4.412	1.245	-44.4	17.7
10YR-72HR	KA-21	BASE	151.00	13.228	17.500	293	3.466	-12.630	61.6	-145.1
10YR-72HR	L-LAKE 1	BASE	151.00	13.238	17.500	251431	-7.847	0.000	-79.5	0.0
10YR-72HR	M-LAKE 3	BASE	151.00	13.219	17.500	106986	9.775	1.787	142.4	31.7
10YR-72HR	N-PreDev	BASE	151.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	151.00	4.500	14.500	0	3.032	0.000	49.4	0.0
10YR-72HR	A-DET 6	BASE	153.00	13.251	17.500	313	0.000	0.257	5.2	12.3
10YR-72HR	AA-6D	BASE	153.00	13.251	17.500	23177	0.257	-0.027	12.3	-29.1
10YR-72HR	AB-65	BASE	153.00	13.251	17.500	12223	-0.085	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	153.00	13.251	17.500	11314	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	153.00	13.250	17.500	137	0.000	-1.254	7.5	-18.9
10YR-72HR	BA-5ED	BASE	153.00	13.251	17.500	31797	-1.254	0.127	-18.9	18.9
10YR-72HR	BB-56	BASE	153.00	13.251	17.500	8872	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	153.00	13.254	17.500	143	0.000	3.171	8.1	60.5
10YR-72HR	CA-5WD	BASE	153.00	13.251	17.500	32649	3.298	0.000	65.4	-4.4
10YR-72HR	CB-54	BASE	153.00	13.251	17.500	9606	0.000	0.137	-4.4	6.7
10YR-72HR	D-DET 4N	BASE	153.00	13.251	17.500	411	0.000	-0.092	2.2	0.1
10YR-72HR	DA-DET 4	BASE	153.00	13.251	17.500	25026	0.045	0.152	7.8	7.8
10YR-72HR	E-DET 7E	BASE	153.00	13.252	17.500	137	0.000	1.256	5.8	34.3
10YR-72HR	EA-7ED	BASE	153.00	13.251	17.500	27325	1.256	0.000	34.3	-7.5
10YR-72HR	EB-ME 104	BASE	153.00	13.251	17.500	7713	0.000	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	153.00	13.193	17.500	174	0.058	15.147	-11.4	212.4
10YR-72HR	F-DET 7W	BASE	153.00	13.248	17.500	143	0.000	-3.170	8.8	-57.0
10YR-72HR	FA-7WD	BASE	153.00	13.251	17.500	32088	-3.170	0.165	-63.7	11.5
10YR-72HR	FB-7WD	BASE	153.00	13.251	17.500	516	0.000	-0.056	2.5	1.0
10YR-72HR	FC-CS 4	BASE	153.00	13.251	17.500	12654	0.110	0.123	12.5	7.8
10YR-72HR	G-DET 8E	BASE	153.00	13.237	17.500	141	0.000	1.458	5.1	44.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	153.00	13.236	17.500	16357	1.458	-0.055	44.1	2.6
10YR-72HR	GB-CS 28	BASE	153.00	13.236	17.500	4416	0.000	0.056	9.9	10.7
10YR-72HR	H-DET 8W	BASE	153.00	13.235	17.500	141	0.000	-1.456	6.0	-32.5
10YR-72HR	HA-8WD	BASE	153.00	13.236	17.500	18280	-1.511	0.069	-39.7	0.1
10YR-72HR	HB-CS 5	BASE	153.00	13.236	17.500	6339	0.069	0.049	0.1	-1.4
10YR-72HR	I-BLDG B	BASE	153.00	13.188	17.500	216	0.000	1.958	3.3	41.5
10YR-72HR	IA-3	BASE	153.00	13.182	17.500	364	7.446	-4.404	123.5	-53.5
10YR-72HR	J-BLDG A	BASE	153.00	13.189	17.500	216	0.000	-1.743	5.9	-26.7
10YR-72HR	JA-1	BASE	153.00	13.194	17.500	390	-6.147	3.500	-80.2	62.2
10YR-72HR	K-LAKE-2	BASE	153.00	13.193	17.500	91962	-4.468	1.199	-45.2	17.9
10YR-72HR	KA-21	BASE	153.00	13.188	17.500	293	3.500	-12.653	62.2	-147.2
10YR-72HR	L-LAKE 1	BASE	153.00	13.198	17.500	251000	-7.860	0.000	-80.8	0.0
10YR-72HR	M-LAKE 3	BASE	153.00	13.179	17.500	106916	9.714	1.691	144.0	32.0
10YR-72HR	N-PreDev	BASE	153.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	153.00	4.500	14.500	0	2.890	0.000	49.9	0.0
10YR-72HR	A-DET 6	BASE	155.00	13.240	17.500	313	0.000	0.253	5.2	12.3
10YR-72HR	AA-6D	BASE	155.00	13.240	17.500	23125	0.253	-0.104	12.3	-29.1
10YR-72HR	AB-65	BASE	155.00	13.240	17.500	12196	-0.087	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	155.00	13.240	17.500	11289	-0.085	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	155.00	13.238	17.500	137	0.000	-1.233	7.5	-19.2
10YR-72HR	BA-5ED	BASE	155.00	13.240	17.500	31736	-1.233	0.135	-19.2	18.9
10YR-72HR	BB-56	BASE	155.00	13.240	17.500	8856	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	155.00	13.242	17.500	143	0.000	3.130	8.1	61.0
10YR-72HR	CA-5WD	BASE	155.00	13.239	17.500	32586	3.265	0.000	65.9	-4.4
10YR-72HR	CB-54	BASE	155.00	13.239	17.500	9588	0.000	0.142	-4.4	6.7
10YR-72HR	D-DET 4N	BASE	155.00	13.239	17.500	412	0.000	-0.090	2.2	0.1
10YR-72HR	DA-DET 4	BASE	155.00	13.239	17.500	24998	0.053	0.184	7.8	7.9
10YR-72HR	E-DET 7E	BASE	155.00	13.241	17.500	137	0.000	1.235	5.8	34.5
10YR-72HR	EA-7ED	BASE	155.00	13.239	17.500	27265	1.235	-0.108	34.5	-7.6
10YR-72HR	EB-ME 104	BASE	155.00	13.240	17.500	7697	-0.108	0.000	-6.4	0.0
10YR-72HR	EC-CB 32	BASE	155.00	13.156	17.500	174	0.068	15.175	-11.4	214.9
10YR-72HR	F-DET 7W	BASE	155.00	13.237	17.500	143	0.000	-3.129	8.8	-57.5
10YR-72HR	FA-7WD	BASE	155.00	13.239	17.500	32017	-3.129	0.161	-64.3	11.5
10YR-72HR	FB-7WD	BASE	155.00	13.239	17.500	518	0.000	-0.057	2.5	1.0
10YR-72HR	FC-CS 4	BASE	155.00	13.239	17.500	12629	0.104	0.149	12.5	7.8
10YR-72HR	G-DET 8E	BASE	155.00	13.219	17.500	141	0.000	1.418	5.1	44.4
10YR-72HR	GA-8ED	BASE	155.00	13.218	17.500	16254	1.418	-0.052	44.4	2.6
10YR-72HR	GB-CS 28	BASE	155.00	13.218	17.500	4389	0.000	0.065	9.9	10.7
10YR-72HR	H-DET 8W	BASE	155.00	13.217	17.500	141	0.000	-1.416	6.0	-32.7
10YR-72HR	HA-8WD	BASE	155.00	13.218	17.500	18164	-1.468	0.074	-40.0	0.2
10YR-72HR	HB-CS 5	BASE	155.00	13.218	17.500	6299	0.074	0.059	0.2	-1.4
10YR-72HR	I-BLDG B	BASE	155.00	13.151	17.500	216	0.000	1.888	3.3	41.8
10YR-72HR	IA-3	BASE	155.00	13.146	17.500	364	7.446	-4.350	124.7	-54.2
10YR-72HR	J-BLDG A	BASE	155.00	13.152	17.500	216	0.000	-1.681	5.9	-27.0
10YR-72HR	JA-1	BASE	155.00	13.156	17.500	390	-6.031	3.576	-81.2	62.8
10YR-72HR	K-LAKE-2	BASE	155.00	13.156	17.500	91787	-4.476	1.154	-45.9	18.1
10YR-72HR	KA-21	BASE	155.00	13.150	17.500	293	3.576	-12.630	62.8	-149.3
10YR-72HR	L-LAKE 1	BASE	155.00	13.160	17.500	250596	-7.762	0.000	-82.1	0.0
10YR-72HR	M-LAKE 3	BASE	155.00	13.143	17.500	106850	9.681	1.592	145.6	32.3
10YR-72HR	N-PreDev	BASE	155.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	155.00	4.500	14.500	0	2.746	0.000	50.4	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	A-DET 6	BASE	157.00	13.226	17.500	313	0.000	0.247	5.2	12.3
10YR-72HR	AA-6D	BASE	157.00	13.226	17.500	23065	0.247	0.076	12.3	-29.1
10YR-72HR	AB-65	BASE	157.00	13.226	17.500	12164	0.000	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	157.00	13.226	17.500	11260	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	157.00	13.225	17.500	137	0.000	-1.209	7.5	-19.4
10YR-72HR	BA-5ED	BASE	157.00	13.226	17.500	31664	-1.209	0.153	-19.4	18.9
10YR-72HR	BB-56	BASE	157.00	13.226	17.500	8837	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	157.00	13.229	17.500	143	0.000	3.083	8.1	61.5
10YR-72HR	CA-5WD	BASE	157.00	13.226	17.500	32513	3.236	0.000	66.4	-4.4
10YR-72HR	CB-54	BASE	157.00	13.226	17.500	9567	0.000	0.164	-4.4	6.7
10YR-72HR	D-DET 4N	BASE	157.00	13.226	17.500	413	0.000	-0.088	2.2	0.1
10YR-72HR	DA-DET 4	BASE	157.00	13.226	17.500	24965	0.076	0.207	7.8	7.9
10YR-72HR	E-DET 7E	BASE	157.00	13.227	17.500	137	0.000	1.211	5.8	34.7
10YR-72HR	EA-7ED	BASE	157.00	13.226	17.500	27195	1.211	0.066	34.7	-7.6
10YR-72HR	EB-ME 104	BASE	157.00	13.226	17.500	7678	0.000	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	157.00	13.123	17.500	174	0.076	15.198	-11.4	217.4
10YR-72HR	F-DET 7W	BASE	157.00	13.224	17.500	143	0.000	-3.082	8.8	-58.0
10YR-72HR	FA-7WD	BASE	157.00	13.226	17.500	31935	-3.016	0.170	-64.8	11.6
10YR-72HR	FB-7WD	BASE	157.00	13.226	17.500	520	0.000	-0.056	2.5	0.9
10YR-72HR	FC-CS 4	BASE	157.00	13.226	17.500	12600	0.114	0.168	12.5	7.8
10YR-72HR	G-DET 8E	BASE	157.00	13.198	17.500	141	0.000	1.373	5.1	44.6
10YR-72HR	GA-8ED	BASE	157.00	13.197	17.500	16137	1.373	0.001	44.6	2.6
10YR-72HR	GB-CS 28	BASE	157.00	13.197	17.500	4358	0.050	0.070	9.9	10.7
10YR-72HR	H-DET 8W	BASE	157.00	13.196	17.500	141	0.000	-1.371	6.0	-33.0
10YR-72HR	HA-8WD	BASE	157.00	13.197	17.500	18034	-1.420	0.071	-40.2	0.2
10YR-72HR	HB-CS 5	BASE	157.00	13.197	17.500	6254	0.071	0.065	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	157.00	13.117	17.500	216	0.000	1.826	3.3	42.1
10YR-72HR	IA-3	BASE	157.00	13.112	17.500	364	7.446	-4.301	125.9	-55.0
10YR-72HR	J-BLDG A	BASE	157.00	13.119	17.500	216	0.000	-1.626	5.9	-27.3
10YR-72HR	JA-1	BASE	157.00	13.123	17.500	390	-5.927	3.645	-82.2	63.4
10YR-72HR	K-LAKE-2	BASE	157.00	13.122	17.500	91628	-4.513	1.084	-46.7	18.3
10YR-72HR	KA-21	BASE	157.00	13.117	17.500	293	3.645	-12.621	63.4	-151.4
10YR-72HR	L-LAKE 1	BASE	157.00	13.127	17.500	250230	-7.669	0.000	-83.4	0.0
10YR-72HR	M-LAKE 3	BASE	157.00	13.110	17.500	106791	9.648	1.498	147.2	32.5
10YR-72HR	N-PreDev	BASE	157.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	157.00	4.500	14.500	0	2.581	0.000	50.8	0.0
10YR-72HR	A-DET 6	BASE	159.00	13.212	17.500	313	0.000	0.242	5.2	12.4
10YR-72HR	AA-6D	BASE	159.00	13.212	17.500	22999	0.242	-0.001	12.4	-29.1
10YR-72HR	AB-65	BASE	159.00	13.212	17.500	12130	-0.083	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	159.00	13.212	17.500	11229	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	159.00	13.211	17.500	137	0.000	-1.183	7.5	-19.6
10YR-72HR	BA-5ED	BASE	159.00	13.212	17.500	31587	-1.183	0.148	-19.6	18.9
10YR-72HR	BB-56	BASE	159.00	13.212	17.500	8816	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	159.00	13.214	17.500	143	0.000	3.031	8.1	62.1
10YR-72HR	CA-5WD	BASE	159.00	13.212	17.500	32433	3.179	0.125	67.0	-4.4
10YR-72HR	CB-54	BASE	159.00	13.212	17.500	9543	0.125	0.168	-4.4	6.7
10YR-72HR	D-DET 4N	BASE	159.00	13.212	17.500	415	0.000	-0.085	2.2	0.1
10YR-72HR	DA-DET 4	BASE	159.00	13.212	17.500	24928	0.083	0.223	7.9	7.9
10YR-72HR	E-DET 7E	BASE	159.00	13.213	17.500	137	0.000	1.184	5.8	34.9
10YR-72HR	EA-7ED	BASE	159.00	13.212	17.500	27118	1.184	0.064	34.9	-7.6
10YR-72HR	EB-ME 104	BASE	159.00	13.212	17.500	7658	0.000	0.000	-6.5	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	159.00	13.094	17.500	174	0.081	15.217	-11.4	219.9
10YR-72HR	F-DET 7W	BASE	159.00	13.209	17.500	143	0.000	-3.030	8.8	-58.5
10YR-72HR	FA-7WD	BASE	159.00	13.212	17.500	31844	-2.967	0.177	-65.3	11.6
10YR-72HR	FB-7WD	BASE	159.00	13.212	17.500	522	0.000	-0.055	2.5	0.9
10YR-72HR	FC-CS 4	BASE	159.00	13.212	17.500	12567	0.122	0.181	12.5	7.9
10YR-72HR	G-DET 8E	BASE	159.00	13.176	17.500	141	0.000	1.325	5.1	44.8
10YR-72HR	GA-8ED	BASE	159.00	13.175	17.500	16012	1.325	0.004	44.8	2.6
10YR-72HR	GB-CS 28	BASE	159.00	13.175	17.500	4324	0.050	0.073	9.9	10.8
10YR-72HR	H-DET 8W	BASE	159.00	13.174	17.500	141	0.000	-1.323	6.0	-33.2
10YR-72HR	HA-8WD	BASE	159.00	13.175	17.500	17893	-1.369	0.065	-40.4	0.2
10YR-72HR	HB-CS 5	BASE	159.00	13.175	17.500	6206	0.065	0.068	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	159.00	13.087	17.500	216	0.000	1.771	3.3	42.4
10YR-72HR	IA-3	BASE	159.00	13.082	17.500	365	7.446	-4.257	127.2	-55.7
10YR-72HR	J-BLDG A	BASE	159.00	13.089	17.500	216	0.000	-1.576	5.9	-27.5
10YR-72HR	JA-1	BASE	159.00	13.093	17.500	390	-5.833	3.707	-83.2	64.0
10YR-72HR	K-LAKE-2	BASE	159.00	13.092	17.500	91486	-4.554	1.015	-47.4	18.4
10YR-72HR	KA-21	BASE	159.00	13.086	17.500	293	3.707	-12.613	64.0	-153.5
10YR-72HR	L-LAKE 1	BASE	159.00	13.096	17.500	249901	-7.587	0.000	-84.7	0.0
10YR-72HR	M-LAKE 3	BASE	159.00	13.080	17.500	106738	9.615	1.409	148.8	32.8
10YR-72HR	N-PreDev	BASE	159.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	159.00	4.500	14.500	0	2.424	0.000	51.2	0.0
10YR-72HR	A-DET 6	BASE	161.00	13.197	17.500	314	0.000	0.235	5.2	12.4
10YR-72HR	AA-6D	BASE	161.00	13.196	17.500	22929	0.235	-0.074	12.4	-29.1
10YR-72HR	AB-65	BASE	161.00	13.196	17.500	12093	-0.079	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	161.00	13.196	17.500	11196	-0.079	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	161.00	13.195	17.500	137	0.000	-1.155	7.5	-19.7
10YR-72HR	BA-5ED	BASE	161.00	13.196	17.500	31504	-1.155	0.143	-19.7	19.0
10YR-72HR	BB-56	BASE	161.00	13.196	17.500	8793	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	161.00	13.199	17.500	143	0.000	2.977	8.1	62.6
10YR-72HR	CA-5WD	BASE	161.00	13.196	17.500	32348	3.120	0.111	67.5	-4.4
10YR-72HR	CB-54	BASE	161.00	13.196	17.500	9519	0.111	0.179	-4.4	6.8
10YR-72HR	D-DET 4N	BASE	161.00	13.196	17.500	417	0.000	-0.083	2.2	0.1
10YR-72HR	DA-DET 4	BASE	161.00	13.196	17.500	24890	0.096	0.234	7.9	8.0
10YR-72HR	E-DET 7E	BASE	161.00	13.197	17.500	137	0.000	1.156	5.8	35.1
10YR-72HR	EA-7ED	BASE	161.00	13.196	17.500	27036	1.156	0.060	35.1	-7.5
10YR-72HR	EB-ME 104	BASE	161.00	13.196	17.500	7636	0.000	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	161.00	13.067	17.500	174	0.085	15.233	-11.4	222.5
10YR-72HR	F-DET 7W	BASE	161.00	13.194	17.500	143	0.000	-2.976	8.8	-59.0
10YR-72HR	FA-7WD	BASE	161.00	13.196	17.500	31748	-2.916	0.183	-65.8	11.6
10YR-72HR	FB-7WD	BASE	161.00	13.196	17.500	524	0.000	-0.053	2.5	0.9
10YR-72HR	FC-CS 4	BASE	161.00	13.196	17.500	12533	0.129	0.190	12.5	7.9
10YR-72HR	G-DET 8E	BASE	161.00	13.153	17.500	141	0.000	1.277	5.1	45.0
10YR-72HR	GA-8ED	BASE	161.00	13.152	17.500	15881	1.277	0.000	45.0	2.6
10YR-72HR	GB-CS 28	BASE	161.00	13.152	17.500	4290	0.044	0.074	9.9	10.8
10YR-72HR	H-DET 8W	BASE	161.00	13.151	17.500	141	0.000	-1.275	6.0	-33.4
10YR-72HR	HA-8WD	BASE	161.00	13.152	17.500	17747	-1.318	0.062	-40.7	0.2
10YR-72HR	HB-CS 5	BASE	161.00	13.152	17.500	6156	0.062	0.070	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	161.00	13.060	17.500	216	0.000	1.721	3.3	42.7
10YR-72HR	IA-3	BASE	161.00	13.055	17.500	365	7.446	-4.216	128.4	-56.4
10YR-72HR	J-BLDG A	BASE	161.00	13.062	17.500	216	0.000	-1.531	5.9	-27.8
10YR-72HR	JA-1	BASE	161.00	13.065	17.500	390	-5.747	3.762	-84.1	64.6

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	K-LAKE-2	BASE	161.00	13.064	17.500	91357	-4.592	0.952	-48.2	18.6
10YR-72HR	KA-21	BASE	161.00	13.059	17.500	293	3.762	-12.604	64.6	-155.6
10YR-72HR	L-LAKE 1	BASE	161.00	13.068	17.500	249604	-7.518	0.000	-85.9	0.0
10YR-72HR	M-LAKE 3	BASE	161.00	13.054	17.500	106690	9.582	1.330	150.4	33.0
10YR-72HR	N-PreDev	BASE	161.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	161.00	4.500	14.500	0	2.282	0.000	51.6	0.0
10YR-72HR	A-DET 6	BASE	163.00	13.180	17.500	314	0.000	0.229	5.2	12.5
10YR-72HR	AA-6D	BASE	163.00	13.180	17.500	22856	0.229	0.088	12.5	-29.1
10YR-72HR	AB-65	BASE	163.00	13.180	17.500	12055	0.000	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	163.00	13.180	17.500	11161	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	163.00	13.179	17.500	137	0.000	-1.126	7.5	-19.9
10YR-72HR	BA-5ED	BASE	163.00	13.180	17.500	31417	-1.126	0.136	-19.9	19.0
10YR-72HR	BB-56	BASE	163.00	13.180	17.500	8770	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	163.00	13.183	17.500	143	0.000	2.921	8.1	63.0
10YR-72HR	CA-5WD	BASE	163.00	13.180	17.500	32259	3.057	0.125	68.0	-4.3
10YR-72HR	CB-54	BASE	163.00	13.180	17.500	9493	0.125	0.186	-4.3	6.8
10YR-72HR	D-DET 4N	BASE	163.00	13.180	17.500	418	0.000	-0.081	2.2	0.1
10YR-72HR	DA-DET 4	BASE	163.00	13.180	17.500	24849	0.105	0.243	7.9	8.0
10YR-72HR	E-DET 7E	BASE	163.00	13.181	17.500	137	0.000	1.128	5.8	35.3
10YR-72HR	EA-7ED	BASE	163.00	13.180	17.500	26951	1.128	-0.038	35.3	-7.5
10YR-72HR	EB-ME 104	BASE	163.00	13.180	17.500	7613	-0.101	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	163.00	13.042	17.500	174	0.088	15.246	-11.4	225.0
10YR-72HR	F-DET 7W	BASE	163.00	13.178	17.500	143	0.000	-2.920	8.8	-59.5
10YR-72HR	FA-7WD	BASE	163.00	13.180	17.500	31648	-2.857	0.185	-66.2	11.6
10YR-72HR	FB-7WD	BASE	163.00	13.180	17.500	526	0.000	-0.052	2.5	0.9
10YR-72HR	FC-CS 4	BASE	163.00	13.180	17.500	12497	0.133	0.196	12.6	7.9
10YR-72HR	G-DET 8E	BASE	163.00	13.130	17.500	141	0.000	1.229	5.1	45.3
10YR-72HR	GA-8ED	BASE	163.00	13.128	17.500	15747	1.229	0.006	45.3	2.6
10YR-72HR	GB-CS 28	BASE	163.00	13.128	17.500	4254	0.046	0.074	9.9	10.8
10YR-72HR	H-DET 8W	BASE	163.00	13.127	17.500	141	0.000	-1.227	6.0	-33.6
10YR-72HR	HA-8WD	BASE	163.00	13.129	17.500	17598	-1.267	0.060	-40.9	0.2
10YR-72HR	HB-CS 5	BASE	163.00	13.128	17.500	6105	0.060	0.070	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	163.00	13.036	17.500	216	0.000	1.677	3.3	43.0
10YR-72HR	IA-3	BASE	163.00	13.031	17.500	365	7.447	-4.177	129.6	-57.1
10YR-72HR	J-BLDG A	BASE	163.00	13.037	17.500	216	0.000	-1.491	5.9	-28.0
10YR-72HR	JA-1	BASE	163.00	13.041	17.500	390	-5.669	3.812	-85.1	65.2
10YR-72HR	K-LAKE-2	BASE	163.00	13.039	17.500	91240	-4.628	0.896	-48.9	18.8
10YR-72HR	KA-21	BASE	163.00	13.034	17.500	293	3.812	-12.593	65.2	-157.7
10YR-72HR	L-LAKE 1	BASE	163.00	13.043	17.500	249333	-7.456	0.000	-87.2	0.0
10YR-72HR	M-LAKE 3	BASE	163.00	13.029	17.500	106646	9.550	1.256	151.9	33.2
10YR-72HR	N-PreDev	BASE	163.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	163.00	4.500	14.500	0	2.152	0.000	52.0	0.0
10YR-72HR	A-DET 6	BASE	165.00	13.164	17.500	314	0.000	0.223	5.2	12.5
10YR-72HR	AA-6D	BASE	165.00	13.164	17.500	22780	0.223	-0.056	12.5	-29.1
10YR-72HR	AB-65	BASE	165.00	13.164	17.500	12015	-0.074	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	165.00	13.164	17.500	11124	-0.072	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	165.00	13.163	17.500	137	0.000	-1.097	7.5	-20.1
10YR-72HR	BA-5ED	BASE	165.00	13.164	17.500	31328	-1.097	0.130	-20.1	19.0
10YR-72HR	BB-56	BASE	165.00	13.164	17.500	8746	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	165.00	13.166	17.500	143	0.000	2.864	8.1	63.5
10YR-72HR	CA-5WD	BASE	165.00	13.164	17.500	32167	2.994	0.132	68.5	-4.3

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	165.00	13.164	17.500	9466	0.132	0.189	-4.3	6.8
10YR-72HR	D-DET 4N	BASE	165.00	13.164	17.500	420	0.000	-0.078	2.2	0.0
10YR-72HR	DA-DET 4	BASE	165.00	13.164	17.500	24807	0.111	0.248	7.9	8.0
10YR-72HR	E-DET 7E	BASE	165.00	13.165	17.500	137	0.000	1.099	5.8	35.5
10YR-72HR	EA-7ED	BASE	165.00	13.164	17.500	26863	1.099	0.071	35.5	-7.5
10YR-72HR	EB-ME 104	BASE	165.00	13.164	17.500	7590	0.000	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	165.00	13.020	17.500	174	0.090	15.257	-11.4	227.5
10YR-72HR	F-DET 7W	BASE	165.00	13.161	17.500	143	0.000	-2.863	8.8	-60.0
10YR-72HR	FA-7WD	BASE	165.00	13.164	17.500	31545	-2.792	0.187	-66.7	11.7
10YR-72HR	FB-7WD	BASE	165.00	13.164	17.500	528	0.000	-0.050	2.5	0.9
10YR-72HR	FC-CS 4	BASE	165.00	13.164	17.500	12460	0.136	0.201	12.6	8.0
10YR-72HR	G-DET 8E	BASE	165.00	13.106	17.500	140	0.000	1.181	5.1	45.5
10YR-72HR	GA-8ED	BASE	165.00	13.105	17.500	15613	1.181	0.011	45.5	2.6
10YR-72HR	GB-CS 28	BASE	165.00	13.105	17.500	4219	0.048	0.074	9.9	10.8
10YR-72HR	H-DET 8W	BASE	165.00	13.104	17.500	140	0.000	-1.179	6.0	-33.8
10YR-72HR	HA-8WD	BASE	165.00	13.105	17.500	17447	-1.216	0.059	-41.1	0.2
10YR-72HR	HB-CS 5	BASE	165.00	13.105	17.500	6053	0.059	0.070	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	165.00	13.013	17.500	216	0.000	1.636	3.3	43.3
10YR-72HR	IA-3	BASE	165.00	13.008	17.500	365	7.448	-4.142	130.8	-57.7
10YR-72HR	J-BLDG A	BASE	165.00	13.014	17.500	216	0.000	-1.455	5.9	-28.3
10YR-72HR	JA-1	BASE	165.00	13.018	17.500	390	-5.597	3.857	-86.0	65.9
10YR-72HR	K-LAKE-2	BASE	165.00	13.017	17.500	91134	-4.661	0.844	-49.7	18.9
10YR-72HR	KA-21	BASE	165.00	13.011	17.500	293	3.857	-12.583	65.9	-159.7
10YR-72HR	L-LAKE 1	BASE	165.00	13.021	17.500	249087	-7.403	0.000	-88.4	0.0
10YR-72HR	M-LAKE 3	BASE	165.00	13.007	17.500	106606	9.519	1.189	153.5	33.4
10YR-72HR	N-PreDev	BASE	165.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	165.00	4.500	14.500	0	2.034	0.000	52.3	0.0
10YR-72HR	A-DET 6	BASE	167.00	13.147	17.500	315	0.000	0.216	5.2	12.5
10YR-72HR	AA-6D	BASE	167.00	13.147	17.500	22703	0.216	0.025	12.5	-29.1
10YR-72HR	AB-65	BASE	167.00	13.147	17.500	11975	-0.065	0.000	-2.4	0.0
10YR-72HR	AC-63	BASE	167.00	13.147	17.500	11088	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	167.00	13.146	17.500	137	0.000	-1.068	7.5	-20.3
10YR-72HR	BA-5ED	BASE	167.00	13.147	17.500	31237	-1.068	0.124	-20.3	19.0
10YR-72HR	BB-56	BASE	167.00	13.147	17.500	8721	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	167.00	13.149	17.500	143	0.000	2.806	8.1	64.0
10YR-72HR	CA-5WD	BASE	167.00	13.147	17.500	32073	2.930	0.139	69.0	-4.3
10YR-72HR	CB-54	BASE	167.00	13.147	17.500	9439	0.139	0.192	-4.3	6.9
10YR-72HR	D-DET 4N	BASE	167.00	13.147	17.500	421	0.000	-0.076	2.2	0.0
10YR-72HR	DA-DET 4	BASE	167.00	13.147	17.500	24764	0.116	0.252	7.9	8.1
10YR-72HR	E-DET 7E	BASE	167.00	13.148	17.500	137	0.000	1.069	5.8	35.6
10YR-72HR	EA-7ED	BASE	167.00	13.147	17.500	26774	1.069	-0.016	35.6	-7.5
10YR-72HR	EB-ME 104	BASE	167.00	13.147	17.500	7565	-0.091	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	167.00	12.999	17.500	174	0.091	15.268	-11.4	230.0
10YR-72HR	F-DET 7W	BASE	167.00	13.144	17.500	143	0.000	-2.806	8.8	-60.5
10YR-72HR	FA-7WD	BASE	167.00	13.147	17.500	31440	-2.731	0.187	-67.2	11.7
10YR-72HR	FB-7WD	BASE	167.00	13.147	17.500	530	0.000	-0.049	2.5	0.9
10YR-72HR	FC-CS 4	BASE	167.00	13.147	17.500	12422	0.138	0.204	12.6	8.0
10YR-72HR	G-DET 8E	BASE	167.00	13.082	17.500	140	0.000	1.134	5.1	45.6
10YR-72HR	GA-8ED	BASE	167.00	13.081	17.500	15478	1.134	0.015	45.6	2.6
10YR-72HR	GB-CS 28	BASE	167.00	13.081	17.500	4183	0.049	0.073	9.9	10.8
10YR-72HR	H-DET 8W	BASE	167.00	13.080	17.500	140	0.000	-1.132	6.0	-34.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	167.00	13.081	17.500	17297	-1.166	0.057	-41.3	0.2
10YR-72HR	HB-CS 5	BASE	167.00	13.081	17.500	6001	0.057	0.069	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	167.00	12.993	17.500	216	0.000	1.600	3.3	43.6
10YR-72HR	IA-3	BASE	167.00	12.988	17.500	365	7.456	-4.105	132.1	-58.4
10YR-72HR	J-BLDG A	BASE	167.00	12.993	17.500	216	0.000	-1.422	5.9	-28.5
10YR-72HR	JA-1	BASE	167.00	12.997	17.500	390	-5.527	3.905	-86.9	66.5
10YR-72HR	K-LAKE-2	BASE	167.00	12.996	17.500	91035	-4.666	0.826	-50.5	19.0
10YR-72HR	KA-21	BASE	167.00	12.990	17.500	293	3.905	-12.557	66.5	-161.8
10YR-72HR	L-LAKE 1	BASE	167.00	12.999	17.500	248859	-7.367	0.000	-89.6	0.0
10YR-72HR	M-LAKE 3	BASE	167.00	12.987	17.500	106569	9.485	1.128	155.1	33.6
10YR-72HR	N-PreDev	BASE	167.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	167.00	4.500	14.500	0	1.954	0.000	52.7	0.0
10YR-72HR	A-DET 6	BASE	169.00	13.130	17.500	315	0.000	0.210	5.2	12.6
10YR-72HR	AA-6D	BASE	169.00	13.130	17.500	22625	0.210	0.026	12.6	-29.1
10YR-72HR	AB-65	BASE	169.00	13.130	17.500	11934	-0.065	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	169.00	13.130	17.500	11050	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	169.00	13.129	17.500	137	0.000	-1.039	7.5	-20.5
10YR-72HR	BA-5ED	BASE	169.00	13.130	17.500	31144	-1.039	0.122	-20.5	19.1
10YR-72HR	BB-56	BASE	169.00	13.130	17.500	8696	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	169.00	13.132	17.500	143	0.000	2.748	8.1	64.4
10YR-72HR	CA-5WD	BASE	169.00	13.130	17.500	31978	2.870	0.144	69.5	-4.3
10YR-72HR	CB-54	BASE	169.00	13.130	17.500	9412	0.144	0.194	-4.3	6.9
10YR-72HR	D-DET 4N	BASE	169.00	13.130	17.500	423	0.000	-0.074	2.2	0.0
10YR-72HR	DA-DET 4	BASE	169.00	13.130	17.500	24721	0.120	0.254	7.9	8.1
10YR-72HR	E-DET 7E	BASE	169.00	13.131	17.500	137	0.000	1.040	5.8	35.8
10YR-72HR	EA-7ED	BASE	169.00	13.130	17.500	26683	1.040	0.079	35.8	-7.5
10YR-72HR	EB-ME 104	BASE	169.00	13.130	17.500	7541	0.000	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	169.00	12.980	17.500	174	0.091	15.277	-11.3	232.5
10YR-72HR	F-DET 7W	BASE	169.00	13.127	17.500	143	0.000	-2.748	8.8	-60.9
10YR-72HR	FA-7WD	BASE	169.00	13.130	17.500	31333	-2.669	0.187	-67.6	11.7
10YR-72HR	FB-7WD	BASE	169.00	13.130	17.500	532	0.000	-0.047	2.5	0.9
10YR-72HR	FC-CS 4	BASE	169.00	13.130	17.500	12383	0.140	0.206	12.6	8.0
10YR-72HR	G-DET 8E	BASE	169.00	13.059	17.500	140	0.000	1.089	5.1	45.8
10YR-72HR	GA-8ED	BASE	169.00	13.058	17.500	15346	1.089	0.018	45.8	2.6
10YR-72HR	GB-CS 28	BASE	169.00	13.058	17.500	4148	0.049	0.071	9.9	10.8
10YR-72HR	H-DET 8W	BASE	169.00	13.057	17.500	140	0.000	-1.087	6.0	-34.2
10YR-72HR	HA-8WD	BASE	169.00	13.058	17.500	17149	-1.118	0.055	-41.5	0.2
10YR-72HR	HB-CS 5	BASE	169.00	13.058	17.500	5951	0.055	0.067	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	169.00	12.973	17.500	216	0.000	1.565	3.3	43.8
10YR-72HR	IA-3	BASE	169.00	12.968	17.500	365	7.460	-4.072	133.3	-59.1
10YR-72HR	J-BLDG A	BASE	169.00	12.974	17.500	216	0.000	-1.391	5.9	-28.7
10YR-72HR	JA-1	BASE	169.00	12.978	17.500	390	-5.463	3.946	-87.9	67.2
10YR-72HR	K-LAKE-2	BASE	169.00	12.976	17.500	90942	-4.681	0.798	-51.2	19.2
10YR-72HR	KA-21	BASE	169.00	12.970	17.500	293	3.946	-12.538	67.2	-163.9
10YR-72HR	L-LAKE 1	BASE	169.00	12.980	17.500	248646	-7.331	0.000	-90.8	0.0
10YR-72HR	M-LAKE 3	BASE	169.00	12.967	17.500	106535	9.453	1.071	156.7	33.8
10YR-72HR	N-PreDev	BASE	169.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	169.00	4.500	14.500	0	1.869	0.000	53.0	0.0
10YR-72HR	A-DET 6	BASE	171.00	13.113	17.500	315	0.000	0.204	5.2	12.6
10YR-72HR	AA-6D	BASE	171.00	13.112	17.500	22546	0.204	0.031	12.6	-29.1
10YR-72HR	AB-65	BASE	171.00	13.112	17.500	11893	-0.061	0.000	-2.5	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	171.00	13.112	17.500	11012	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	171.00	13.112	17.500	137	0.000	-1.009	7.5	-20.6
10YR-72HR	BA-5ED	BASE	171.00	13.112	17.500	31051	-1.009	0.119	-20.6	19.1
10YR-72HR	BB-56	BASE	171.00	13.112	17.500	8671	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	171.00	13.115	17.500	143	0.000	2.691	8.1	64.9
10YR-72HR	CA-5WD	BASE	171.00	13.112	17.500	31883	2.809	0.147	69.9	-4.3
10YR-72HR	CB-54	BASE	171.00	13.112	17.500	9384	0.147	0.194	-4.3	6.9
10YR-72HR	D-DET 4N	BASE	171.00	13.112	17.500	424	0.000	-0.071	2.2	0.0
10YR-72HR	DA-DET 4	BASE	171.00	13.112	17.500	24676	0.123	0.255	8.0	8.2
10YR-72HR	E-DET 7E	BASE	171.00	13.113	17.500	137	0.000	1.011	5.8	36.0
10YR-72HR	EA-7ED	BASE	171.00	13.112	17.500	26591	1.011	0.082	36.0	-7.5
10YR-72HR	EB-ME 104	BASE	171.00	13.112	17.500	7516	0.000	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	171.00	12.962	17.500	174	0.091	15.284	-11.3	235.1
10YR-72HR	F-DET 7W	BASE	171.00	13.110	17.500	143	0.000	-2.690	8.8	-61.4
10YR-72HR	FA-7WD	BASE	171.00	13.112	17.500	31225	-2.608	0.186	-68.0	11.8
10YR-72HR	FB-7WD	BASE	171.00	13.112	17.500	534	0.000	-0.046	2.5	0.9
10YR-72HR	FC-CS 4	BASE	171.00	13.112	17.500	12344	0.141	0.206	12.6	8.1
10YR-72HR	G-DET 8E	BASE	171.00	13.036	17.500	140	0.000	1.046	5.1	46.0
10YR-72HR	GA-8ED	BASE	171.00	13.035	17.500	15215	1.046	0.020	46.0	2.6
10YR-72HR	GB-CS 28	BASE	171.00	13.035	17.500	4113	0.048	0.069	9.9	10.8
10YR-72HR	H-DET 8W	BASE	171.00	13.034	17.500	140	0.000	-1.044	6.0	-34.3
10YR-72HR	HA-8WD	BASE	171.00	13.035	17.500	17003	-1.072	0.052	-41.7	0.2
10YR-72HR	HB-CS 5	BASE	171.00	13.035	17.500	5900	0.052	0.065	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	171.00	12.955	17.500	216	0.000	1.534	3.3	44.1
10YR-72HR	IA-3	BASE	171.00	12.950	17.500	365	7.464	-4.040	134.5	-59.8
10YR-72HR	J-BLDG A	BASE	171.00	12.956	17.500	216	0.000	-1.362	5.9	-29.0
10YR-72HR	JA-1	BASE	171.00	12.959	17.500	390	-5.403	3.984	-88.7	67.8
10YR-72HR	K-LAKE-2	BASE	171.00	12.958	17.500	90856	-4.696	0.770	-52.0	19.3
10YR-72HR	KA-21	BASE	171.00	12.952	17.500	293	3.984	-12.521	67.8	-166.0
10YR-72HR	L-LAKE 1	BASE	171.00	12.961	17.500	248446	-7.297	0.000	-92.0	0.0
10YR-72HR	M-LAKE 3	BASE	171.00	12.950	17.500	106503	9.423	1.018	158.2	34.0
10YR-72HR	N-PreDev	BASE	171.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	171.00	4.500	14.500	0	1.788	0.000	53.3	0.0
10YR-72HR	A-DET 6	BASE	173.00	13.095	17.500	315	0.000	0.197	5.2	12.6
10YR-72HR	AA-6D	BASE	173.00	13.095	17.500	22467	0.197	0.029	12.6	-29.1
10YR-72HR	AB-65	BASE	173.00	13.095	17.500	11851	-0.062	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	173.00	13.095	17.500	10974	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	173.00	13.094	17.500	137	0.000	-0.981	7.5	-20.8
10YR-72HR	BA-5ED	BASE	173.00	13.095	17.500	30957	-0.981	0.116	-20.8	19.1
10YR-72HR	BB-56	BASE	173.00	13.095	17.500	8645	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	173.00	13.097	17.500	143	0.000	2.633	8.1	65.3
10YR-72HR	CA-5WD	BASE	173.00	13.095	17.500	31787	2.749	0.150	70.4	-4.2
10YR-72HR	CB-54	BASE	173.00	13.095	17.500	9356	0.150	0.194	-4.2	7.0
10YR-72HR	D-DET 4N	BASE	173.00	13.095	17.500	425	0.000	-0.069	2.2	-0.0
10YR-72HR	DA-DET 4	BASE	173.00	13.095	17.500	24632	0.125	0.255	8.0	8.2
10YR-72HR	E-DET 7E	BASE	173.00	13.096	17.500	137	0.000	0.983	5.8	36.1
10YR-72HR	EA-7ED	BASE	173.00	13.095	17.500	26499	0.983	0.084	36.1	-7.5
10YR-72HR	EB-ME 104	BASE	173.00	13.095	17.500	7491	0.000	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	173.00	12.946	17.500	174	0.091	15.289	-11.3	237.6
10YR-72HR	F-DET 7W	BASE	173.00	13.093	17.500	143	0.000	-2.633	8.8	-61.8
10YR-72HR	FA-7WD	BASE	173.00	13.095	17.500	31116	-2.549	0.185	-68.5	11.8

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	173.00	13.095	17.500	536	0.000	-0.044	2.5	0.9
10YR-72HR	FC-CS 4	BASE	173.00	13.095	17.500	12305	0.141	0.206	12.7	8.1
10YR-72HR	G-DET 8E	BASE	173.00	13.013	17.500	140	0.000	1.005	5.1	46.2
10YR-72HR	GA-8ED	BASE	173.00	13.012	17.500	15088	1.005	0.022	46.2	2.6
10YR-72HR	GB-CS 28	BASE	173.00	13.012	17.500	4079	0.047	0.066	9.9	10.8
10YR-72HR	H-DET 8W	BASE	173.00	13.011	17.500	140	0.000	-1.003	6.0	-34.5
10YR-72HR	HA-8WD	BASE	173.00	13.012	17.500	16860	-1.028	0.050	-41.8	0.2
10YR-72HR	HB-CS 5	BASE	173.00	13.012	17.500	5852	0.050	0.063	0.2	-1.3
10YR-72HR	I-BLDG B	BASE	173.00	12.938	17.500	216	0.000	1.504	3.3	44.3
10YR-72HR	IA-3	BASE	173.00	12.933	17.500	365	7.465	-4.012	135.8	-60.4
10YR-72HR	J-BLDG A	BASE	173.00	12.939	17.500	216	0.000	-1.336	5.9	-29.2
10YR-72HR	JA-1	BASE	173.00	12.942	17.500	390	-5.348	4.017	-89.6	68.5
10YR-72HR	K-LAKE-2	BASE	173.00	12.941	17.500	90776	-4.714	0.742	-52.8	19.4
10YR-72HR	KA-21	BASE	173.00	12.935	17.500	293	4.017	-12.505	68.5	-168.0
10YR-72HR	L-LAKE 1	BASE	173.00	12.944	17.500	248261	-7.267	0.000	-93.2	0.0
10YR-72HR	M-LAKE 3	BASE	173.00	12.933	17.500	106473	9.394	0.969	159.8	34.1
10YR-72HR	N-PreDev	BASE	173.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	173.00	4.500	14.500	0	1.711	0.000	53.6	0.0
10YR-72HR	A-DET 6	BASE	175.00	13.078	17.500	315	0.000	0.191	5.2	12.7
10YR-72HR	AA-6D	BASE	175.00	13.078	17.500	22387	0.191	-0.030	12.7	-29.1
10YR-72HR	AB-65	BASE	175.00	13.078	17.500	11810	-0.062	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	175.00	13.078	17.500	10936	-0.059	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	175.00	13.077	17.500	137	0.000	-0.953	7.5	-21.0
10YR-72HR	BA-5ED	BASE	175.00	13.078	17.500	30863	-0.953	0.113	-21.0	19.1
10YR-72HR	BB-56	BASE	175.00	13.078	17.500	8620	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	175.00	13.080	17.500	143	0.000	2.577	8.1	65.8
10YR-72HR	CA-5WD	BASE	175.00	13.078	17.500	31690	2.690	0.152	70.8	-4.2
10YR-72HR	CB-54	BASE	175.00	13.078	17.500	9328	0.152	0.193	-4.2	7.0
10YR-72HR	D-DET 4N	BASE	175.00	13.078	17.500	427	0.000	-0.067	2.2	-0.0
10YR-72HR	DA-DET 4	BASE	175.00	13.078	17.500	24588	0.126	0.254	8.0	8.2
10YR-72HR	E-DET 7E	BASE	175.00	13.079	17.500	137	0.000	0.954	5.8	36.3
10YR-72HR	EA-7ED	BASE	175.00	13.078	17.500	26406	0.954	0.010	36.3	-7.5
10YR-72HR	EB-ME 104	BASE	175.00	13.078	17.500	7467	-0.075	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	175.00	12.930	17.500	174	0.091	15.293	-11.3	240.1
10YR-72HR	F-DET 7W	BASE	175.00	13.075	17.500	143	0.000	-2.576	8.8	-62.3
10YR-72HR	FA-7WD	BASE	175.00	13.078	17.500	31008	-2.491	0.183	-68.9	11.8
10YR-72HR	FB-7WD	BASE	175.00	13.078	17.500	538	0.000	-0.043	2.5	0.9
10YR-72HR	FC-CS 4	BASE	175.00	13.078	17.500	12265	0.140	0.205	12.7	8.1
10YR-72HR	G-DET 8E	BASE	175.00	12.991	17.500	140	0.000	0.966	5.1	46.3
10YR-72HR	GA-8ED	BASE	175.00	12.990	17.500	14964	0.966	0.023	46.3	2.6
10YR-72HR	GB-CS 28	BASE	175.00	12.990	17.500	4047	0.046	0.064	9.9	10.9
10YR-72HR	H-DET 8W	BASE	175.00	12.990	17.500	140	0.000	-0.964	6.0	-34.7
10YR-72HR	HA-8WD	BASE	175.00	12.990	17.500	16722	-0.987	0.047	-42.0	0.3
10YR-72HR	HB-CS 5	BASE	175.00	12.990	17.500	5804	0.047	0.061	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	175.00	12.922	17.500	216	0.000	1.476	3.3	44.6
10YR-72HR	IA-3	BASE	175.00	12.917	17.500	365	7.466	-3.986	137.0	-61.1
10YR-72HR	J-BLDG A	BASE	175.00	12.923	17.500	216	0.000	-1.311	5.9	-29.4
10YR-72HR	JA-1	BASE	175.00	12.926	17.500	390	-5.296	4.047	-90.5	69.2
10YR-72HR	K-LAKE-2	BASE	175.00	12.925	17.500	90700	-4.732	0.714	-53.6	19.6
10YR-72HR	KA-21	BASE	175.00	12.919	17.500	293	4.047	-12.491	69.2	-170.1
10YR-72HR	L-LAKE 1	BASE	175.00	12.928	17.500	248087	-7.240	0.000	-94.4	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	175.00	12.917	17.500	106445	9.368	0.924	161.3	34.3
10YR-72HR	N-PreDev	BASE	175.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	175.00	4.500	14.500	0	1.638	0.000	53.8	0.0
10YR-72HR	A-DET 6	BASE	177.00	13.060	17.500	315	0.000	0.185	5.2	12.7
10YR-72HR	AA-6D	BASE	177.00	13.060	17.500	22308	0.185	0.033	12.7	-29.1
10YR-72HR	AB-65	BASE	177.00	13.060	17.500	11769	-0.057	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	177.00	13.060	17.500	10898	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	177.00	13.060	17.500	137	0.000	-0.925	7.5	-21.1
10YR-72HR	BA-5ED	BASE	177.00	13.060	17.500	30770	-0.925	0.110	-21.1	19.1
10YR-72HR	BB-56	BASE	177.00	13.060	17.500	8594	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	177.00	13.063	17.500	143	0.000	2.521	8.1	66.2
10YR-72HR	CA-5WD	BASE	177.00	13.060	17.500	31594	2.631	0.152	71.3	-4.2
10YR-72HR	CB-54	BASE	177.00	13.060	17.500	9300	0.152	0.192	-4.2	7.0
10YR-72HR	D-DET 4N	BASE	177.00	13.060	17.500	428	0.000	-0.064	2.2	-0.0
10YR-72HR	DA-DET 4	BASE	177.00	13.060	17.500	24543	0.127	0.252	8.0	8.3
10YR-72HR	E-DET 7E	BASE	177.00	13.061	17.500	137	0.000	0.927	5.8	36.5
10YR-72HR	EA-7ED	BASE	177.00	13.060	17.500	26314	0.927	0.018	36.5	-7.5
10YR-72HR	EB-ME 104	BASE	177.00	13.060	17.500	7442	-0.068	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	177.00	12.915	17.500	174	0.090	15.296	-11.3	242.7
10YR-72HR	F-DET 7W	BASE	177.00	13.058	17.500	143	0.000	-2.520	8.8	-62.7
10YR-72HR	FA-7WD	BASE	177.00	13.060	17.500	30900	-2.434	0.182	-69.3	11.9
10YR-72HR	FB-7WD	BASE	177.00	13.060	17.500	539	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	177.00	13.060	17.500	12226	0.182	0.204	12.7	8.2
10YR-72HR	G-DET 8E	BASE	177.00	12.970	17.500	140	0.000	0.929	5.1	46.5
10YR-72HR	GA-8ED	BASE	177.00	12.969	17.500	14845	0.929	0.024	46.5	2.6
10YR-72HR	GB-CS 28	BASE	177.00	12.969	17.500	4015	0.045	0.061	10.0	10.9
10YR-72HR	H-DET 8W	BASE	177.00	12.969	17.500	140	0.000	-0.927	6.0	-34.8
10YR-72HR	HA-8WD	BASE	177.00	12.969	17.500	16589	-0.948	0.045	-42.2	0.3
10YR-72HR	HB-CS 5	BASE	177.00	12.969	17.500	5758	0.045	0.058	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	177.00	12.907	17.500	216	0.000	1.451	3.3	44.8
10YR-72HR	IA-3	BASE	177.00	12.903	17.500	364	7.466	-3.961	138.2	-61.8
10YR-72HR	J-BLDG A	BASE	177.00	12.908	17.500	216	0.000	-1.288	5.9	-29.6
10YR-72HR	JA-1	BASE	177.00	12.911	17.500	390	-5.249	4.075	-91.4	69.8
10YR-72HR	K-LAKE-2	BASE	177.00	12.910	17.500	90630	-4.750	0.688	-54.3	19.7
10YR-72HR	KA-21	BASE	177.00	12.904	17.500	293	4.075	-12.478	69.8	-172.2
10YR-72HR	L-LAKE 1	BASE	177.00	12.913	17.500	247923	-7.215	0.000	-95.6	0.0
10YR-72HR	M-LAKE 3	BASE	177.00	12.903	17.500	106418	9.342	0.882	162.9	34.4
10YR-72HR	N-PreDev	BASE	177.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	177.00	4.500	14.500	0	1.570	0.000	54.1	0.0
10YR-72HR	A-DET 6	BASE	179.00	13.043	17.500	315	0.000	0.179	5.2	12.7
10YR-72HR	AA-6D	BASE	179.00	13.043	17.500	22230	0.179	0.035	12.7	-29.1
10YR-72HR	AB-65	BASE	179.00	13.043	17.500	11727	-0.054	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	179.00	13.043	17.500	10861	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	179.00	13.042	17.500	137	0.000	-0.898	7.5	-21.3
10YR-72HR	BA-5ED	BASE	179.00	13.043	17.500	30677	-0.898	0.107	-21.3	19.2
10YR-72HR	BB-56	BASE	179.00	13.043	17.500	8569	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	179.00	13.045	17.500	143	0.000	2.466	8.1	66.6
10YR-72HR	CA-5WD	BASE	179.00	13.043	17.500	31499	2.573	0.152	71.7	-4.2
10YR-72HR	CB-54	BASE	179.00	13.043	17.500	9272	0.152	0.189	-4.2	7.1
10YR-72HR	D-DET 4N	BASE	179.00	13.043	17.500	429	0.000	-0.062	2.2	-0.0
10YR-72HR	DA-DET 4	BASE	179.00	13.043	17.500	24499	0.127	0.249	8.1	8.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	E-DET 7E	BASE	179.00	13.044	17.500	137	0.000	0.899	5.8	36.6
10YR-72HR	EA-7ED	BASE	179.00	13.043	17.500	26223	0.899	0.015	36.6	-7.5
10YR-72HR	EB-ME 104	BASE	179.00	13.043	17.500	7417	-0.071	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	179.00	12.901	17.500	174	0.089	15.299	-11.3	245.2
10YR-72HR	F-DET 7W	BASE	179.00	13.041	17.500	143	0.000	-2.465	8.8	-63.1
10YR-72HR	FA-7WD	BASE	179.00	13.043	17.500	30793	-2.379	0.179	-69.7	11.9
10YR-72HR	FB-7WD	BASE	179.00	13.043	17.500	541	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	179.00	13.043	17.500	12186	0.179	0.202	12.8	8.2
10YR-72HR	G-DET 8E	BASE	179.00	12.950	17.500	140	0.000	0.894	5.1	46.6
10YR-72HR	GA-8ED	BASE	179.00	12.949	17.500	14731	0.894	0.024	46.6	2.6
10YR-72HR	GB-CS 28	BASE	179.00	12.949	17.500	3985	0.043	0.058	10.0	10.9
10YR-72HR	H-DET 8W	BASE	179.00	12.948	17.500	140	0.000	-0.893	6.0	-35.0
10YR-72HR	HA-8WD	BASE	179.00	12.949	17.500	16461	-0.911	0.042	-42.3	0.3
10YR-72HR	HB-CS 5	BASE	179.00	12.949	17.500	5715	0.042	0.055	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	179.00	12.893	17.500	216	0.000	1.426	3.3	45.0
10YR-72HR	IA-3	BASE	179.00	12.889	17.500	364	7.465	-3.938	139.5	-62.4
10YR-72HR	J-BLDG A	BASE	179.00	12.894	17.500	216	0.000	-1.266	5.9	-29.8
10YR-72HR	JA-1	BASE	179.00	12.897	17.500	390	-5.204	4.100	-92.3	70.5
10YR-72HR	K-LAKE-2	BASE	179.00	12.895	17.500	90563	-4.767	0.662	-55.1	19.8
10YR-72HR	KA-21	BASE	179.00	12.889	17.500	293	4.100	-12.466	70.5	-174.2
10YR-72HR	L-LAKE 1	BASE	179.00	12.898	17.500	247770	-7.193	0.000	-96.8	0.0
10YR-72HR	M-LAKE 3	BASE	179.00	12.889	17.500	106393	9.318	0.843	164.4	34.6
10YR-72HR	N-PreDev	BASE	179.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	179.00	4.500	14.500	0	1.505	0.000	54.4	0.0
10YR-72HR	A-DET 6	BASE	181.00	13.026	17.500	315	0.000	0.173	5.2	12.8
10YR-72HR	AA-6D	BASE	181.00	13.026	17.500	22151	0.173	-0.010	12.8	-29.1
10YR-72HR	AB-65	BASE	181.00	13.026	17.500	11686	-0.050	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	181.00	13.026	17.500	10823	-0.048	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	181.00	13.025	17.500	137	0.000	-0.872	7.5	-21.4
10YR-72HR	BA-5ED	BASE	181.00	13.026	17.500	30585	-0.872	0.105	-21.4	19.2
10YR-72HR	BB-56	BASE	181.00	13.026	17.500	8544	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	181.00	13.028	17.500	143	0.000	2.412	8.1	67.0
10YR-72HR	CA-5WD	BASE	181.00	13.026	17.500	31405	2.516	0.152	72.1	-4.1
10YR-72HR	CB-54	BASE	181.00	13.026	17.500	9245	0.152	0.187	-4.1	7.1
10YR-72HR	D-DET 4N	BASE	181.00	13.026	17.500	430	0.000	-0.060	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	181.00	13.026	17.500	24455	0.127	0.246	8.1	8.4
10YR-72HR	E-DET 7E	BASE	181.00	13.027	17.500	137	0.000	0.873	5.8	36.8
10YR-72HR	EA-7ED	BASE	181.00	13.026	17.500	26132	0.873	0.019	36.8	-7.5
10YR-72HR	EB-ME 104	BASE	181.00	13.026	17.500	7392	-0.067	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	181.00	12.888	17.500	174	0.088	15.300	-11.3	247.7
10YR-72HR	F-DET 7W	BASE	181.00	13.024	17.500	143	0.000	-2.411	8.8	-63.5
10YR-72HR	FA-7WD	BASE	181.00	13.026	17.500	30686	-2.325	0.175	-70.1	11.9
10YR-72HR	FB-7WD	BASE	181.00	13.026	17.500	542	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	181.00	13.026	17.500	12147	0.175	0.199	12.8	8.2
10YR-72HR	G-DET 8E	BASE	181.00	12.931	17.500	140	0.000	0.862	5.1	46.8
10YR-72HR	GA-8ED	BASE	181.00	12.930	17.500	14622	0.862	0.024	46.8	2.6
10YR-72HR	GB-CS 28	BASE	181.00	12.930	17.500	3956	0.041	0.055	10.0	10.9
10YR-72HR	H-DET 8W	BASE	181.00	12.929	17.500	140	0.000	-0.860	6.0	-35.1
10YR-72HR	HA-8WD	BASE	181.00	12.930	17.500	16339	-0.877	0.040	-42.5	0.3
10YR-72HR	HB-CS 5	BASE	181.00	12.930	17.500	5673	0.040	0.052	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	181.00	12.880	17.500	216	0.000	1.404	3.3	45.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	181.00	12.875	17.500	364	7.464	-3.917	140.7	-63.1
10YR-72HR	J-BLDG A	BASE	181.00	12.880	17.500	216	0.000	-1.245	5.9	-30.1
10YR-72HR	JA-1	BASE	181.00	12.884	17.500	390	-5.163	4.123	-93.1	71.2
10YR-72HR	K-LAKE-2	BASE	181.00	12.882	17.500	90500	-4.785	0.637	-55.9	19.9
10YR-72HR	KA-21	BASE	181.00	12.876	17.500	293	4.123	-12.455	71.2	-176.3
10YR-72HR	L-LAKE 1	BASE	181.00	12.885	17.500	247625	-7.173	0.000	-98.0	0.0
10YR-72HR	M-LAKE 3	BASE	181.00	12.876	17.500	106370	9.295	0.807	165.9	34.7
10YR-72HR	N-PreDev	BASE	181.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	181.00	4.500	14.500	0	1.444	0.000	54.6	0.0
10YR-72HR	A-DET 6	BASE	183.00	13.009	17.500	315	0.000	0.167	5.2	12.8
10YR-72HR	AA-6D	BASE	183.00	13.009	17.500	22074	0.167	0.040	12.8	-29.1
10YR-72HR	AB-65	BASE	183.00	13.009	17.500	11646	-0.047	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	183.00	13.009	17.500	10786	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	183.00	13.008	17.500	137	0.000	-0.846	7.5	-21.6
10YR-72HR	BA-5ED	BASE	183.00	13.009	17.500	30494	-0.846	0.101	-21.6	19.2
10YR-72HR	BB-56	BASE	183.00	13.009	17.500	8519	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	183.00	13.011	17.500	143	0.000	2.359	8.1	67.4
10YR-72HR	CA-5WD	BASE	183.00	13.009	17.500	31311	2.461	0.151	72.5	-4.1
10YR-72HR	CB-54	BASE	183.00	13.009	17.500	9217	0.151	0.184	-4.1	7.1
10YR-72HR	D-DET 4N	BASE	183.00	13.009	17.500	431	0.000	-0.058	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	183.00	13.009	17.500	24412	0.126	0.242	8.1	8.4
10YR-72HR	E-DET 7E	BASE	183.00	13.010	17.500	137	0.000	0.847	5.8	36.9
10YR-72HR	EA-7ED	BASE	183.00	13.009	17.500	26043	0.847	0.020	36.9	-7.5
10YR-72HR	EB-ME 104	BASE	183.00	13.009	17.500	7368	-0.066	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	183.00	12.876	17.500	174	0.086	15.301	-11.2	250.2
10YR-72HR	F-DET 7W	BASE	183.00	13.007	17.500	143	0.000	-2.359	8.8	-63.9
10YR-72HR	FA-7WD	BASE	183.00	13.009	17.500	30581	-2.273	0.172	-70.5	11.9
10YR-72HR	FB-7WD	BASE	183.00	13.009	17.500	543	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	183.00	13.009	17.500	12109	0.172	0.196	12.8	8.3
10YR-72HR	G-DET 8E	BASE	183.00	12.912	17.500	140	0.000	0.832	5.1	46.9
10YR-72HR	GA-8ED	BASE	183.00	12.912	17.500	14518	0.832	0.023	46.9	2.6
10YR-72HR	GB-CS 28	BASE	183.00	12.912	17.500	3928	0.039	0.052	10.0	10.9
10YR-72HR	H-DET 8W	BASE	183.00	12.911	17.500	140	0.000	-0.830	6.0	-35.3
10YR-72HR	HA-8WD	BASE	183.00	12.912	17.500	16223	-0.846	0.037	-42.6	0.3
10YR-72HR	HB-CS 5	BASE	183.00	12.912	17.500	5633	0.037	0.048	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	183.00	12.868	17.500	216	0.000	1.383	3.3	45.5
10YR-72HR	IA-3	BASE	183.00	12.863	17.500	364	7.463	-3.898	142.0	-63.7
10YR-72HR	J-BLDG A	BASE	183.00	12.868	17.500	216	0.000	-1.226	5.9	-30.3
10YR-72HR	JA-1	BASE	183.00	12.872	17.500	390	-5.124	4.144	-94.0	71.9
10YR-72HR	K-LAKE-2	BASE	183.00	12.869	17.500	90441	-4.802	0.614	-56.7	20.0
10YR-72HR	KA-21	BASE	183.00	12.863	17.500	293	4.144	-12.445	71.9	-178.3
10YR-72HR	L-LAKE 1	BASE	183.00	12.872	17.500	247488	-7.155	0.000	-99.2	0.0
10YR-72HR	M-LAKE 3	BASE	183.00	12.863	17.500	106348	9.273	0.773	167.5	34.8
10YR-72HR	N-PreDev	BASE	183.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	183.00	4.500	14.500	0	1.387	0.000	54.8	0.0
10YR-72HR	A-DET 6	BASE	185.00	12.993	17.500	315	0.000	0.162	5.2	12.8
10YR-72HR	AA-6D	BASE	185.00	12.992	17.500	21998	0.162	-0.007	12.8	-29.1
10YR-72HR	AB-65	BASE	185.00	12.992	17.500	11606	-0.046	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	185.00	12.992	17.500	10749	-0.045	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	185.00	12.992	17.500	137	0.000	-0.821	7.5	-21.7
10YR-72HR	BA-5ED	BASE	185.00	12.992	17.500	30404	-0.821	0.099	-21.7	19.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	185.00	12.992	17.500	8495	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	185.00	12.994	17.500	143	0.000	2.308	8.1	67.8
10YR-72HR	CA-5WD	BASE	185.00	12.992	17.500	31219	2.406	0.149	72.9	-4.1
10YR-72HR	CB-54	BASE	185.00	12.992	17.500	9191	0.149	0.181	-4.1	7.2
10YR-72HR	D-DET 4N	BASE	185.00	12.992	17.500	432	0.000	-0.056	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	185.00	12.992	17.500	24369	0.125	0.238	8.1	8.5
10YR-72HR	E-DET 7E	BASE	185.00	12.993	17.500	137	0.000	0.822	5.8	37.0
10YR-72HR	EA-7ED	BASE	185.00	12.992	17.500	25954	0.822	0.020	37.0	-7.5
10YR-72HR	EB-ME 104	BASE	185.00	12.992	17.500	7344	-0.065	0.000	-6.5	0.0
10YR-72HR	EC-CB 32	BASE	185.00	12.864	17.500	174	0.085	15.301	-11.2	252.8
10YR-72HR	F-DET 7W	BASE	185.00	12.990	17.500	143	0.000	-2.307	8.8	-64.3
10YR-72HR	FA-7WD	BASE	185.00	12.992	17.500	30477	-2.222	0.169	-70.8	12.0
10YR-72HR	FB-7WD	BASE	185.00	12.992	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	185.00	12.992	17.500	12070	0.169	0.193	12.8	8.3
10YR-72HR	G-DET 8E	BASE	185.00	12.895	17.500	140	0.000	0.804	5.1	47.1
10YR-72HR	GA-8ED	BASE	185.00	12.894	17.500	14420	0.804	0.023	47.1	2.6
10YR-72HR	GB-CS 28	BASE	185.00	12.894	17.500	3902	0.037	0.049	10.0	10.9
10YR-72HR	H-DET 8W	BASE	185.00	12.894	17.500	140	0.000	-0.802	6.0	-35.4
10YR-72HR	HA-8WD	BASE	185.00	12.894	17.500	16113	-0.817	0.034	-42.7	0.3
10YR-72HR	HB-CS 5	BASE	185.00	12.894	17.500	5595	0.034	0.045	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	185.00	12.856	17.500	216	0.000	1.363	3.3	45.7
10YR-72HR	IA-3	BASE	185.00	12.851	17.500	364	7.461	-3.879	143.2	-64.3
10YR-72HR	J-BLDG A	BASE	185.00	12.856	17.500	216	0.000	-1.209	5.9	-30.5
10YR-72HR	JA-1	BASE	185.00	12.860	17.500	390	-5.088	4.163	-94.8	72.5
10YR-72HR	K-LAKE-2	BASE	185.00	12.858	17.500	90385	-4.819	0.592	-57.5	20.1
10YR-72HR	KA-21	BASE	185.00	12.852	17.500	293	4.163	-12.435	72.5	-180.4
10YR-72HR	L-LAKE 1	BASE	185.00	12.860	17.500	247358	-7.139	0.000	-100.4	0.0
10YR-72HR	M-LAKE 3	BASE	185.00	12.852	17.500	106327	9.252	0.741	169.0	35.0
10YR-72HR	N-PreDev	BASE	185.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	185.00	4.500	14.500	0	1.333	0.000	55.1	0.0
10YR-72HR	A-DET 6	BASE	187.00	12.976	17.500	315	0.000	0.157	5.2	12.8
10YR-72HR	AA-6D	BASE	187.00	12.976	17.500	21923	0.157	0.041	12.8	-29.1
10YR-72HR	AB-65	BASE	187.00	12.976	17.500	11567	-0.042	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	187.00	12.976	17.500	10713	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	187.00	12.975	17.500	137	0.000	-0.797	7.5	-21.8
10YR-72HR	BA-5ED	BASE	187.00	12.976	17.500	30316	-0.797	0.096	-21.8	19.2
10YR-72HR	BB-56	BASE	187.00	12.976	17.500	8470	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	187.00	12.978	17.500	143	0.000	2.258	8.1	68.2
10YR-72HR	CA-5WD	BASE	187.00	12.976	17.500	31128	2.354	0.147	73.3	-4.1
10YR-72HR	CB-54	BASE	187.00	12.976	17.500	9164	0.147	0.177	-4.1	7.2
10YR-72HR	D-DET 4N	BASE	187.00	12.976	17.500	433	0.000	-0.054	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	187.00	12.976	17.500	24327	0.123	0.234	8.1	8.5
10YR-72HR	E-DET 7E	BASE	187.00	12.977	17.500	137	0.000	0.798	5.8	37.2
10YR-72HR	EA-7ED	BASE	187.00	12.976	17.500	25867	0.798	0.016	37.2	-7.5
10YR-72HR	EB-ME 104	BASE	187.00	12.976	17.500	7320	-0.068	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	187.00	12.853	17.500	174	0.083	15.301	-11.2	255.3
10YR-72HR	F-DET 7W	BASE	187.00	12.974	17.500	143	0.000	-2.258	8.8	-64.6
10YR-72HR	FA-7WD	BASE	187.00	12.976	17.500	30374	-2.173	0.165	-71.2	12.0
10YR-72HR	FB-7WD	BASE	187.00	12.976	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	187.00	12.976	17.500	12033	0.165	0.189	12.9	8.3
10YR-72HR	G-DET 8E	BASE	187.00	12.879	17.500	140	0.000	0.778	5.1	47.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	187.00	12.878	17.500	14327	0.778	0.022	47.2	2.7
10YR-72HR	GB-CS 28	BASE	187.00	12.878	17.500	3878	0.035	0.046	10.0	10.9
10YR-72HR	H-DET 8W	BASE	187.00	12.877	17.500	140	0.000	-0.777	6.0	-35.5
10YR-72HR	HA-8WD	BASE	187.00	12.878	17.500	16009	-0.789	0.032	-42.9	0.3
10YR-72HR	HB-CS 5	BASE	187.00	12.878	17.500	5560	0.032	0.042	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	187.00	12.845	17.500	216	0.000	1.344	3.3	46.0
10YR-72HR	IA-3	BASE	187.00	12.840	17.500	364	7.459	-3.862	144.4	-65.0
10YR-72HR	J-BLDG A	BASE	187.00	12.845	17.500	216	0.000	-1.191	5.9	-30.7
10YR-72HR	JA-1	BASE	187.00	12.848	17.500	390	-5.053	4.182	-95.6	73.2
10YR-72HR	K-LAKE-2	BASE	187.00	12.846	17.500	90332	-4.836	0.571	-58.3	20.2
10YR-72HR	KA-21	BASE	187.00	12.840	17.500	293	4.182	-12.425	73.2	-182.4
10YR-72HR	L-LAKE 1	BASE	187.00	12.849	17.500	247235	-7.125	0.000	-101.5	0.0
10YR-72HR	M-LAKE 3	BASE	187.00	12.841	17.500	106307	9.232	0.712	170.5	35.1
10YR-72HR	N-PreDev	BASE	187.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	187.00	4.500	14.500	0	1.282	0.000	55.3	0.0
10YR-72HR	A-DET 6	BASE	189.00	12.960	17.500	315	0.000	0.152	5.2	12.9
10YR-72HR	AA-6D	BASE	189.00	12.960	17.500	21849	0.152	0.038	12.9	-29.1
10YR-72HR	AB-65	BASE	189.00	12.960	17.500	11528	-0.043	0.000	-2.5	0.0
10YR-72HR	AC-63	BASE	189.00	12.960	17.500	10678	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	189.00	12.959	17.500	137	0.000	-0.773	7.5	-22.0
10YR-72HR	BA-5ED	BASE	189.00	12.960	17.500	30229	-0.773	0.093	-22.0	19.2
10YR-72HR	BB-56	BASE	189.00	12.960	17.500	8447	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	189.00	12.962	17.500	143	0.000	2.210	8.1	68.5
10YR-72HR	CA-5WD	BASE	189.00	12.960	17.500	31039	2.303	0.145	73.7	-4.0
10YR-72HR	CB-54	BASE	189.00	12.960	17.500	9138	0.145	0.173	-4.0	7.2
10YR-72HR	D-DET 4N	BASE	189.00	12.960	17.500	433	0.000	-0.053	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	189.00	12.960	17.500	24285	0.121	0.229	8.2	8.5
10YR-72HR	E-DET 7E	BASE	189.00	12.961	17.500	137	0.000	0.775	5.8	37.3
10YR-72HR	EA-7ED	BASE	189.00	12.960	17.500	25781	0.775	0.019	37.3	-7.5
10YR-72HR	EB-ME 104	BASE	189.00	12.960	17.500	7297	-0.065	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	189.00	12.842	17.500	174	0.081	15.301	-11.2	257.8
10YR-72HR	F-DET 7W	BASE	189.00	12.958	17.500	143	0.000	-2.210	8.8	-65.0
10YR-72HR	FA-7WD	BASE	189.00	12.960	17.500	30274	-2.126	0.161	-71.5	12.0
10YR-72HR	FB-7WD	BASE	189.00	12.960	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	189.00	12.960	17.500	11995	0.161	0.185	12.9	8.4
10YR-72HR	G-DET 8E	BASE	189.00	12.863	17.500	140	0.000	0.754	5.1	47.3
10YR-72HR	GA-8ED	BASE	189.00	12.863	17.500	14240	0.754	0.021	47.3	2.7
10YR-72HR	GB-CS 28	BASE	189.00	12.863	17.500	3855	0.032	0.043	10.0	10.9
10YR-72HR	H-DET 8W	BASE	189.00	12.862	17.500	140	0.000	-0.753	6.0	-35.7
10YR-72HR	HA-8WD	BASE	189.00	12.863	17.500	15912	-0.765	0.030	-43.0	0.3
10YR-72HR	HB-CS 5	BASE	189.00	12.863	17.500	5526	0.030	0.039	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	189.00	12.834	17.500	216	0.000	1.326	3.3	46.2
10YR-72HR	IA-3	BASE	189.00	12.829	17.500	364	7.457	-3.845	145.6	-65.6
10YR-72HR	J-BLDG A	BASE	189.00	12.834	17.500	216	0.000	-1.175	5.9	-30.8
10YR-72HR	JA-1	BASE	189.00	12.838	17.500	390	-5.020	4.199	-96.5	73.9
10YR-72HR	K-LAKE-2	BASE	189.00	12.835	17.500	90281	-4.851	0.551	-59.1	20.3
10YR-72HR	KA-21	BASE	189.00	12.829	17.500	293	4.199	-12.416	73.9	-184.5
10YR-72HR	L-LAKE 1	BASE	189.00	12.838	17.500	247117	-7.112	0.000	-102.7	0.0
10YR-72HR	M-LAKE 3	BASE	189.00	12.830	17.500	106288	9.213	0.684	172.1	35.2
10YR-72HR	N-PreDev	BASE	189.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	189.00	4.500	14.500	0	1.234	0.000	55.5	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	191.00	12.944	17.500	315	0.000	0.147	5.2	12.9
10YR-72HR	AA-6D	BASE	191.00	12.944	17.500	21777	0.147	0.041	12.9	-29.1
10YR-72HR	AB-65	BASE	191.00	12.944	17.500	11490	-0.038	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	191.00	12.944	17.500	10643	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	191.00	12.943	17.500	137	0.000	-0.751	7.5	-22.1
10YR-72HR	BA-5ED	BASE	191.00	12.944	17.500	30143	-0.751	0.090	-22.1	19.2
10YR-72HR	BB-56	BASE	191.00	12.944	17.500	8423	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	191.00	12.946	17.500	143	0.000	2.163	8.1	68.9
10YR-72HR	CA-5WD	BASE	191.00	12.944	17.500	30951	2.253	0.142	74.1	-4.0
10YR-72HR	CB-54	BASE	191.00	12.944	17.500	9112	0.142	0.169	-4.0	7.2
10YR-72HR	D-DET 4N	BASE	191.00	12.944	17.500	434	0.000	-0.051	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	191.00	12.944	17.500	24244	0.119	0.224	8.2	8.6
10YR-72HR	E-DET 7E	BASE	191.00	12.945	17.500	137	0.000	0.752	5.8	37.4
10YR-72HR	EA-7ED	BASE	191.00	12.944	17.500	25697	0.752	0.019	37.4	-7.5
10YR-72HR	EB-ME 104	BASE	191.00	12.944	17.500	7274	-0.063	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	191.00	12.832	17.500	174	0.079	15.300	-11.2	260.4
10YR-72HR	F-DET 7W	BASE	191.00	12.942	17.500	143	0.000	-2.163	8.8	-65.4
10YR-72HR	FA-7WD	BASE	191.00	12.944	17.500	30175	-2.081	0.157	-71.9	12.1
10YR-72HR	FB-7WD	BASE	191.00	12.944	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	191.00	12.944	17.500	11959	0.157	0.181	12.9	8.4
10YR-72HR	G-DET 8E	BASE	191.00	12.849	17.500	139	0.000	0.732	5.1	47.4
10YR-72HR	GA-8ED	BASE	191.00	12.849	17.500	14159	0.732	0.020	47.4	2.7
10YR-72HR	GB-CS 28	BASE	191.00	12.848	17.500	3833	0.030	0.040	10.0	10.9
10YR-72HR	H-DET 8W	BASE	191.00	12.848	17.500	139	0.000	-0.731	6.0	-35.8
10YR-72HR	HA-8WD	BASE	191.00	12.849	17.500	15822	-0.742	0.027	-43.1	0.3
10YR-72HR	HB-CS 5	BASE	191.00	12.848	17.500	5495	0.027	0.036	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	191.00	12.824	17.500	216	0.000	1.308	3.3	46.4
10YR-72HR	IA-3	BASE	191.00	12.819	17.500	364	7.454	-3.829	146.9	-66.3
10YR-72HR	J-BLDG A	BASE	191.00	12.824	17.500	216	0.000	-1.160	5.9	-31.0
10YR-72HR	JA-1	BASE	191.00	12.827	17.500	390	-4.989	4.214	-97.3	74.6
10YR-72HR	K-LAKE-2	BASE	191.00	12.825	17.500	90232	-4.867	0.531	-59.9	20.4
10YR-72HR	KA-21	BASE	191.00	12.819	17.500	293	4.214	-12.408	74.6	-186.6
10YR-72HR	L-LAKE 1	BASE	191.00	12.828	17.500	247005	-7.100	0.000	-103.9	0.0
10YR-72HR	M-LAKE 3	BASE	191.00	12.820	17.500	106269	9.194	0.657	173.6	35.3
10YR-72HR	N-PreDev	BASE	191.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	191.00	4.500	14.500	0	1.189	0.000	55.7	0.0
10YR-72HR	A-DET 6	BASE	193.00	12.929	17.500	315	0.000	0.143	5.2	12.9
10YR-72HR	AA-6D	BASE	193.00	12.929	17.500	21706	0.143	0.006	12.9	-29.1
10YR-72HR	AB-65	BASE	193.00	12.929	17.500	11453	-0.036	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	193.00	12.929	17.500	10609	-0.035	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	193.00	12.928	17.500	137	0.000	-0.729	7.5	-22.2
10YR-72HR	BA-5ED	BASE	193.00	12.929	17.500	30060	-0.729	0.087	-22.2	19.3
10YR-72HR	BB-56	BASE	193.00	12.929	17.500	8400	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	193.00	12.930	17.500	143	0.000	2.118	8.1	69.2
10YR-72HR	CA-5WD	BASE	193.00	12.928	17.500	30865	2.204	0.140	74.5	-4.0
10YR-72HR	CB-54	BASE	193.00	12.928	17.500	9087	0.140	0.165	-4.0	7.3
10YR-72HR	D-DET 4N	BASE	193.00	12.928	17.500	435	0.000	-0.049	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	193.00	12.928	17.500	24204	0.116	0.218	8.2	8.6
10YR-72HR	E-DET 7E	BASE	193.00	12.929	17.500	137	0.000	0.730	5.8	37.5
10YR-72HR	EA-7ED	BASE	193.00	12.929	17.500	25615	0.730	0.024	37.5	-7.5
10YR-72HR	EB-ME 104	BASE	193.00	12.929	17.500	7252	-0.057	0.000	-6.6	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	EC-CB 32	BASE	193.00	12.822	17.500	174	0.077	15.300	-11.2	262.9
10YR-72HR	F-DET 7W	BASE	193.00	12.927	17.500	143	0.000	-2.117	8.8	-65.7
10YR-72HR	FA-7WD	BASE	193.00	12.928	17.500	30078	-2.037	0.153	-72.2	12.1
10YR-72HR	FB-7WD	BASE	193.00	12.928	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	193.00	12.928	17.500	11923	0.153	0.177	12.9	8.4
10YR-72HR	G-DET 8E	BASE	193.00	12.836	17.500	139	0.000	0.712	5.1	47.6
10YR-72HR	GA-8ED	BASE	193.00	12.835	17.500	14083	0.712	0.019	47.6	2.7
10YR-72HR	GB-CS 28	BASE	193.00	12.835	17.500	3813	0.028	0.037	10.0	10.9
10YR-72HR	H-DET 8W	BASE	193.00	12.834	17.500	139	0.000	-0.711	6.0	-35.9
10YR-72HR	HA-8WD	BASE	193.00	12.835	17.500	15737	-0.721	0.025	-43.2	0.3
10YR-72HR	HB-CS 5	BASE	193.00	12.835	17.500	5466	0.025	0.033	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	193.00	12.814	17.500	216	0.000	1.292	3.3	46.6
10YR-72HR	IA-3	BASE	193.00	12.809	17.500	364	7.452	-3.815	148.1	-66.9
10YR-72HR	J-BLDG A	BASE	193.00	12.814	17.500	216	0.000	-1.145	5.9	-31.2
10YR-72HR	JA-1	BASE	193.00	12.817	17.500	390	-4.959	4.229	-98.1	75.3
10YR-72HR	K-LAKE-2	BASE	193.00	12.815	17.500	90186	-4.882	0.513	-60.7	20.5
10YR-72HR	KA-21	BASE	193.00	12.809	17.500	293	4.229	-12.400	75.3	-188.6
10YR-72HR	L-LAKE 1	BASE	193.00	12.818	17.500	246897	-7.090	0.000	-105.1	0.0
10YR-72HR	M-LAKE 3	BASE	193.00	12.810	17.500	106252	9.177	0.633	175.1	35.4
10YR-72HR	N-PreDev	BASE	193.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	193.00	4.500	14.500	0	1.145	0.000	55.9	0.0
10YR-72HR	A-DET 6	BASE	195.00	12.913	17.500	315	0.000	0.138	5.2	12.9
10YR-72HR	AA-6D	BASE	195.00	12.913	17.500	21636	0.138	0.041	12.9	-29.1
10YR-72HR	AB-65	BASE	195.00	12.913	17.500	11416	-0.034	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	195.00	12.913	17.500	10575	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	195.00	12.913	17.500	137	0.000	-0.708	7.5	-22.3
10YR-72HR	BA-5ED	BASE	195.00	12.913	17.500	29978	-0.708	0.084	-22.3	19.3
10YR-72HR	BB-56	BASE	195.00	12.913	17.500	8378	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	195.00	12.915	17.500	143	0.000	2.073	8.1	69.6
10YR-72HR	CA-5WD	BASE	195.00	12.913	17.500	30781	2.157	0.136	74.8	-4.0
10YR-72HR	CB-54	BASE	195.00	12.913	17.500	9063	0.136	0.161	-4.0	7.3
10YR-72HR	D-DET 4N	BASE	195.00	12.913	17.500	435	0.000	-0.048	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	195.00	12.913	17.500	24164	0.113	0.213	8.2	8.6
10YR-72HR	E-DET 7E	BASE	195.00	12.914	17.500	137	0.000	0.710	5.8	37.7
10YR-72HR	EA-7ED	BASE	195.00	12.913	17.500	25534	0.710	0.025	37.7	-7.5
10YR-72HR	EB-ME 104	BASE	195.00	12.913	17.500	7230	-0.054	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	195.00	12.813	17.500	174	0.075	15.299	-11.2	265.4
10YR-72HR	F-DET 7W	BASE	195.00	12.911	17.500	143	0.000	-2.073	8.8	-66.1
10YR-72HR	FA-7WD	BASE	195.00	12.913	17.500	29984	-1.994	0.149	-72.6	12.1
10YR-72HR	FB-7WD	BASE	195.00	12.913	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	195.00	12.913	17.500	11887	0.149	0.172	13.0	8.5
10YR-72HR	G-DET 8E	BASE	195.00	12.823	17.500	139	0.000	0.694	5.1	47.7
10YR-72HR	GA-8ED	BASE	195.00	12.823	17.500	14013	0.694	0.017	47.7	2.7
10YR-72HR	GB-CS 28	BASE	195.00	12.823	17.500	3794	0.027	0.035	10.0	10.9
10YR-72HR	H-DET 8W	BASE	195.00	12.822	17.500	139	0.000	-0.693	6.0	-36.0
10YR-72HR	HA-8WD	BASE	195.00	12.823	17.500	15657	-0.702	0.023	-43.4	0.3
10YR-72HR	HB-CS 5	BASE	195.00	12.823	17.500	5439	0.023	0.031	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	195.00	12.804	17.500	216	0.000	1.276	3.3	46.8
10YR-72HR	IA-3	BASE	195.00	12.800	17.500	364	7.450	-3.800	149.3	-67.5
10YR-72HR	J-BLDG A	BASE	195.00	12.804	17.500	216	0.000	-1.131	5.9	-31.4
10YR-72HR	JA-1	BASE	195.00	12.808	17.500	390	-4.931	4.243	-98.9	76.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	K-LAKE-2	BASE	195.00	12.806	17.500	90141	-4.896	0.495	-61.5	20.5
10YR-72HR	KA-21	BASE	195.00	12.799	17.500	293	4.243	-12.392	76.0	-190.6
10YR-72HR	L-LAKE 1	BASE	195.00	12.808	17.500	246794	-7.080	0.000	-106.2	0.0
10YR-72HR	M-LAKE 3	BASE	195.00	12.801	17.500	106235	9.160	0.609	176.6	35.5
10YR-72HR	N-PreDev	BASE	195.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	195.00	4.500	14.500	0	1.104	0.000	56.1	0.0
10YR-72HR	A-DET 6	BASE	197.00	12.899	17.500	315	0.000	0.133	5.2	13.0
10YR-72HR	AA-6D	BASE	197.00	12.899	17.500	21568	0.133	0.040	13.0	-29.0
10YR-72HR	AB-65	BASE	197.00	12.899	17.500	11381	-0.033	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	197.00	12.899	17.500	10543	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	197.00	12.898	17.500	137	0.000	-0.688	7.5	-22.4
10YR-72HR	BA-5ED	BASE	197.00	12.899	17.500	29898	-0.688	0.081	-22.4	19.3
10YR-72HR	BB-56	BASE	197.00	12.899	17.500	8356	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	197.00	12.900	17.500	143	0.000	2.031	8.1	69.9
10YR-72HR	CA-5WD	BASE	197.00	12.898	17.500	30699	2.112	0.133	75.2	-3.9
10YR-72HR	CB-54	BASE	197.00	12.898	17.500	9039	0.133	0.157	-3.9	7.3
10YR-72HR	D-DET 4N	BASE	197.00	12.898	17.500	436	0.000	-0.046	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	197.00	12.898	17.500	24126	0.110	0.207	8.2	8.7
10YR-72HR	E-DET 7E	BASE	197.00	12.899	17.500	137	0.000	0.689	5.8	37.8
10YR-72HR	EA-7ED	BASE	197.00	12.899	17.500	25456	0.689	0.027	37.8	-7.5
10YR-72HR	EB-ME 104	BASE	197.00	12.899	17.500	7208	-0.050	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	197.00	12.804	17.500	174	0.073	15.297	-11.1	267.9
10YR-72HR	F-DET 7W	BASE	197.00	12.897	17.500	143	0.000	-2.031	8.8	-66.4
10YR-72HR	FA-7WD	BASE	197.00	12.898	17.500	29891	-1.953	0.145	-72.9	12.1
10YR-72HR	FB-7WD	BASE	197.00	12.898	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	197.00	12.898	17.500	11853	0.145	0.167	13.0	8.5
10YR-72HR	G-DET 8E	BASE	197.00	12.812	17.500	139	0.000	0.677	5.1	47.8
10YR-72HR	GA-8ED	BASE	197.00	12.811	17.500	13946	0.677	0.016	47.8	2.7
10YR-72HR	GB-CS 28	BASE	197.00	12.811	17.500	3777	0.025	0.033	10.0	10.9
10YR-72HR	H-DET 8W	BASE	197.00	12.810	17.500	139	0.000	-0.676	6.0	-36.1
10YR-72HR	HA-8WD	BASE	197.00	12.811	17.500	15583	-0.685	0.021	-43.5	0.3
10YR-72HR	HB-CS 5	BASE	197.00	12.811	17.500	5414	0.021	0.028	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	197.00	12.795	17.500	216	0.000	1.261	3.3	47.0
10YR-72HR	IA-3	BASE	197.00	12.791	17.500	364	7.447	-3.787	150.6	-68.1
10YR-72HR	J-BLDG A	BASE	197.00	12.795	17.500	216	0.000	-1.117	5.9	-31.6
10YR-72HR	JA-1	BASE	197.00	12.799	17.500	389	-4.904	4.257	-99.8	76.7
10YR-72HR	K-LAKE-2	BASE	197.00	12.796	17.500	90098	-4.910	0.478	-62.3	20.6
10YR-72HR	KA-21	BASE	197.00	12.790	17.500	293	4.257	-12.384	76.7	-192.7
10YR-72HR	L-LAKE 1	BASE	197.00	12.799	17.500	246695	-7.072	0.000	-107.4	0.0
10YR-72HR	M-LAKE 3	BASE	197.00	12.792	17.500	106219	9.144	0.587	178.1	35.6
10YR-72HR	N-PreDev	BASE	197.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	197.00	4.500	14.500	0	1.065	0.000	56.2	0.0
10YR-72HR	A-DET 6	BASE	199.00	12.884	17.500	315	0.000	0.129	5.2	13.0
10YR-72HR	AA-6D	BASE	199.00	12.884	17.500	21502	0.129	0.041	13.0	-29.0
10YR-72HR	AB-65	BASE	199.00	12.884	17.500	11346	-0.029	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	199.00	12.884	17.500	10511	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	199.00	12.884	17.500	137	0.000	-0.669	7.5	-22.6
10YR-72HR	BA-5ED	BASE	199.00	12.884	17.500	29820	-0.669	0.078	-22.6	19.3
10YR-72HR	BB-56	BASE	199.00	12.884	17.500	8335	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	199.00	12.886	17.500	143	0.000	1.990	8.1	70.3
10YR-72HR	CA-5WD	BASE	199.00	12.884	17.500	30619	2.069	0.130	75.5	-3.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	CB-54	BASE	199.00	12.884	17.500	9016	0.130	0.152	-3.9	7.3
10YR-72HR	D-DET 4N	BASE	199.00	12.884	17.500	436	0.000	-0.045	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	199.00	12.884	17.500	24088	0.107	0.201	8.2	8.7
10YR-72HR	E-DET 7E	BASE	199.00	12.885	17.500	137	0.000	0.670	5.8	37.9
10YR-72HR	EA-7ED	BASE	199.00	12.884	17.500	25379	0.670	0.026	37.9	-7.5
10YR-72HR	EB-ME 104	BASE	199.00	12.884	17.500	7187	-0.049	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	199.00	12.795	17.500	174	0.070	15.296	-11.1	270.5
10YR-72HR	F-DET 7W	BASE	199.00	12.882	17.500	143	0.000	-1.990	8.8	-66.7
10YR-72HR	FA-7WD	BASE	199.00	12.884	17.500	29801	-1.915	0.140	-73.2	12.2
10YR-72HR	FB-7WD	BASE	199.00	12.884	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	199.00	12.884	17.500	11819	0.140	0.163	13.0	8.5
10YR-72HR	G-DET 8E	BASE	199.00	12.801	17.500	139	0.000	0.661	5.1	47.9
10YR-72HR	GA-8ED	BASE	199.00	12.800	17.500	13885	0.661	0.014	47.9	2.7
10YR-72HR	GB-CS 28	BASE	199.00	12.800	17.500	3760	0.024	0.031	10.0	10.9
10YR-72HR	H-DET 8W	BASE	199.00	12.800	17.500	139	0.000	-0.660	6.0	-36.2
10YR-72HR	HA-8WD	BASE	199.00	12.800	17.500	15514	-0.669	0.020	-43.6	0.3
10YR-72HR	HB-CS 5	BASE	199.00	12.800	17.500	5390	0.020	0.026	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	199.00	12.787	17.500	215	0.000	1.247	3.3	47.2
10YR-72HR	IA-3	BASE	199.00	12.782	17.500	364	7.445	-3.774	151.8	-68.8
10YR-72HR	J-BLDG A	BASE	199.00	12.786	17.500	215	0.000	-1.104	5.9	-31.8
10YR-72HR	JA-1	BASE	199.00	12.790	17.500	389	-4.878	4.270	-100.6	77.4
10YR-72HR	K-LAKE-2	BASE	199.00	12.788	17.500	90057	-4.923	0.462	-63.1	20.7
10YR-72HR	KA-21	BASE	199.00	12.781	17.500	293	4.270	-12.377	77.4	-194.7
10YR-72HR	L-LAKE 1	BASE	199.00	12.790	17.500	246599	-7.063	0.000	-108.6	0.0
10YR-72HR	M-LAKE 3	BASE	199.00	12.783	17.500	106204	9.128	0.566	179.6	35.7
10YR-72HR	N-PreDev	BASE	199.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	199.00	4.500	14.500	0	1.028	0.000	56.4	0.0
10YR-72HR	A-DET 6	BASE	201.00	12.870	17.500	315	0.000	0.125	5.2	13.0
10YR-72HR	AA-6D	BASE	201.00	12.870	17.500	21438	0.125	0.039	13.0	-29.0
10YR-72HR	AB-65	BASE	201.00	12.870	17.500	11312	-0.029	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	201.00	12.870	17.500	10480	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	201.00	12.870	17.500	137	0.000	-0.650	7.5	-22.7
10YR-72HR	BA-5ED	BASE	201.00	12.870	17.500	29744	-0.650	0.076	-22.7	19.3
10YR-72HR	BB-56	BASE	201.00	12.870	17.500	8314	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	201.00	12.872	17.500	143	0.000	1.951	8.1	70.6
10YR-72HR	CA-5WD	BASE	201.00	12.870	17.500	30541	2.027	0.126	75.9	-3.9
10YR-72HR	CB-54	BASE	201.00	12.870	17.500	8993	0.126	0.147	-3.9	7.4
10YR-72HR	D-DET 4N	BASE	201.00	12.870	17.500	436	0.000	-0.043	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	201.00	12.870	17.500	24051	0.104	0.195	8.3	8.7
10YR-72HR	E-DET 7E	BASE	201.00	12.871	17.500	137	0.000	0.652	5.8	38.0
10YR-72HR	EA-7ED	BASE	201.00	12.870	17.500	25305	0.652	0.029	38.0	-7.4
10YR-72HR	EB-ME 104	BASE	201.00	12.870	17.500	7167	-0.044	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	201.00	12.787	17.500	174	0.068	15.294	-11.1	273.0
10YR-72HR	F-DET 7W	BASE	201.00	12.868	17.500	143	0.000	-1.950	8.8	-67.1
10YR-72HR	FA-7WD	BASE	201.00	12.870	17.500	29713	-1.877	0.136	-73.5	12.2
10YR-72HR	FB-7WD	BASE	201.00	12.870	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	201.00	12.870	17.500	11786	0.136	0.158	13.0	8.5
10YR-72HR	G-DET 8E	BASE	201.00	12.790	17.500	139	0.000	0.647	5.1	48.0
10YR-72HR	GA-8ED	BASE	201.00	12.790	17.500	13827	0.647	0.013	48.0	2.7
10YR-72HR	GB-CS 28	BASE	201.00	12.790	17.500	3745	0.022	0.029	10.0	10.9
10YR-72HR	H-DET 8W	BASE	201.00	12.789	17.500	139	0.000	-0.646	6.0	-36.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	201.00	12.790	17.500	15450	-0.655	0.018	-43.7	0.3
10YR-72HR	HB-CS 5	BASE	201.00	12.790	17.500	5368	0.018	0.024	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	201.00	12.778	17.500	215	0.000	1.233	3.3	47.4
10YR-72HR	IA-3	BASE	201.00	12.774	17.500	364	7.443	-3.761	153.0	-69.4
10YR-72HR	J-BLDG A	BASE	201.00	12.778	17.500	215	0.000	-1.092	5.9	-32.0
10YR-72HR	JA-1	BASE	201.00	12.782	17.500	389	-4.853	4.282	-101.4	78.1
10YR-72HR	K-LAKE-2	BASE	201.00	12.779	17.500	90017	-4.936	0.447	-64.0	20.8
10YR-72HR	KA-21	BASE	201.00	12.773	17.500	293	4.282	-12.370	78.1	-196.8
10YR-72HR	L-LAKE 1	BASE	201.00	12.781	17.500	246507	-7.056	0.000	-109.7	0.0
10YR-72HR	M-LAKE 3	BASE	201.00	12.775	17.500	106189	9.114	0.546	181.1	35.8
10YR-72HR	N-PreDev	BASE	201.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	201.00	4.500	14.500	0	0.992	0.000	56.6	0.0
10YR-72HR	A-DET 6	BASE	203.00	12.856	17.500	315	0.000	0.122	5.2	13.0
10YR-72HR	AA-6D	BASE	203.00	12.856	17.500	21375	0.122	0.040	13.0	-29.0
10YR-72HR	AB-65	BASE	203.00	12.856	17.500	11280	-0.026	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	203.00	12.856	17.500	10450	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	203.00	12.856	17.500	137	0.000	-0.633	7.5	-22.8
10YR-72HR	BA-5ED	BASE	203.00	12.856	17.500	29671	-0.633	0.073	-22.8	19.3
10YR-72HR	BB-56	BASE	203.00	12.856	17.500	8294	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	203.00	12.858	17.500	143	0.000	1.913	8.1	70.9
10YR-72HR	CA-5WD	BASE	203.00	12.856	17.500	30466	1.986	0.123	76.2	-3.9
10YR-72HR	CB-54	BASE	203.00	12.856	17.500	8971	0.123	0.143	-3.9	7.4
10YR-72HR	D-DET 4N	BASE	203.00	12.856	17.500	437	0.000	-0.042	2.2	-0.1
10YR-72HR	DA-DET 4	BASE	203.00	12.856	17.500	24016	0.101	0.189	8.3	8.8
10YR-72HR	E-DET 7E	BASE	203.00	12.857	17.500	137	0.000	0.634	5.8	38.1
10YR-72HR	EA-7ED	BASE	203.00	12.856	17.500	25232	0.634	0.030	38.1	-7.4
10YR-72HR	EB-ME 104	BASE	203.00	12.856	17.500	7147	-0.041	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	203.00	12.779	17.500	174	0.066	15.293	-11.1	275.5
10YR-72HR	F-DET 7W	BASE	203.00	12.855	17.500	143	0.000	-1.913	8.8	-67.4
10YR-72HR	FA-7WD	BASE	203.00	12.856	17.500	29628	-1.841	0.132	-73.8	12.2
10YR-72HR	FB-7WD	BASE	203.00	12.856	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	203.00	12.856	17.500	11755	0.132	0.153	13.1	8.6
10YR-72HR	G-DET 8E	BASE	203.00	12.781	17.500	139	0.000	0.634	5.1	48.1
10YR-72HR	GA-8ED	BASE	203.00	12.780	17.500	13772	0.634	0.012	48.1	2.7
10YR-72HR	GB-CS 28	BASE	203.00	12.780	17.500	3730	0.021	0.027	10.0	11.0
10YR-72HR	H-DET 8W	BASE	203.00	12.780	17.500	139	0.000	-0.633	6.0	-36.5
10YR-72HR	HA-8WD	BASE	203.00	12.780	17.500	15389	-0.641	0.017	-43.8	0.3
10YR-72HR	HB-CS 5	BASE	203.00	12.780	17.500	5347	0.017	0.023	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	203.00	12.770	17.500	215	0.000	1.220	3.3	47.7
10YR-72HR	IA-3	BASE	203.00	12.765	17.500	363	7.441	-3.749	154.3	-70.0
10YR-72HR	J-BLDG A	BASE	203.00	12.770	17.500	215	0.000	-1.080	5.9	-32.2
10YR-72HR	JA-1	BASE	203.00	12.773	17.500	389	-4.829	4.294	-102.2	78.8
10YR-72HR	K-LAKE-2	BASE	203.00	12.771	17.500	89978	-4.949	0.432	-64.8	20.8
10YR-72HR	KA-21	BASE	203.00	12.765	17.500	293	4.294	-12.362	78.8	-198.8
10YR-72HR	L-LAKE 1	BASE	203.00	12.773	17.500	246418	-7.049	0.000	-110.9	0.0
10YR-72HR	M-LAKE 3	BASE	203.00	12.767	17.500	106174	9.099	0.526	182.7	35.9
10YR-72HR	N-PreDev	BASE	203.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	203.00	4.500	14.500	0	0.958	0.000	56.7	0.0
10YR-72HR	A-DET 6	BASE	205.00	12.843	17.500	314	0.000	0.118	5.2	13.0
10YR-72HR	AA-6D	BASE	205.00	12.843	17.500	21314	0.118	0.016	13.0	-29.0
10YR-72HR	AB-65	BASE	205.00	12.843	17.500	11248	-0.024	0.000	-2.6	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	205.00	12.843	17.500	10420	-0.024	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	205.00	12.843	17.500	137	0.000	-0.616	7.5	-22.9
10YR-72HR	BA-5ED	BASE	205.00	12.843	17.500	29599	-0.616	0.070	-22.9	19.3
10YR-72HR	BB-56	BASE	205.00	12.843	17.500	8274	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	205.00	12.845	17.500	143	0.000	1.877	8.1	71.2
10YR-72HR	CA-5WD	BASE	205.00	12.843	17.500	30392	1.947	0.119	76.5	-3.9
10YR-72HR	CB-54	BASE	205.00	12.843	17.500	8949	0.119	0.138	-3.9	7.4
10YR-72HR	D-DET 4N	BASE	205.00	12.843	17.500	437	0.000	-0.041	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	205.00	12.843	17.500	23981	0.097	0.183	8.3	8.8
10YR-72HR	E-DET 7E	BASE	205.00	12.844	17.500	137	0.000	0.617	5.8	38.2
10YR-72HR	EA-7ED	BASE	205.00	12.843	17.500	25162	0.617	0.032	38.2	-7.4
10YR-72HR	EB-ME 104	BASE	205.00	12.843	17.500	7128	-0.037	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	205.00	12.771	17.500	174	0.063	15.291	-11.1	278.1
10YR-72HR	F-DET 7W	BASE	205.00	12.841	17.500	143	0.000	-1.876	8.8	-67.7
10YR-72HR	FA-7WD	BASE	205.00	12.843	17.500	29545	-1.807	0.127	-74.1	12.2
10YR-72HR	FB-7WD	BASE	205.00	12.843	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	205.00	12.843	17.500	11723	0.127	0.148	13.1	8.6
10YR-72HR	G-DET 8E	BASE	205.00	12.772	17.500	139	0.000	0.621	5.1	48.2
10YR-72HR	GA-8ED	BASE	205.00	12.771	17.500	13721	0.621	0.011	48.2	2.7
10YR-72HR	GB-CS 28	BASE	205.00	12.771	17.500	3717	0.020	0.026	10.0	11.0
10YR-72HR	H-DET 8W	BASE	205.00	12.771	17.500	139	0.000	-0.620	6.0	-36.6
10YR-72HR	HA-8WD	BASE	205.00	12.771	17.500	15331	-0.629	0.016	-43.9	0.3
10YR-72HR	HB-CS 5	BASE	205.00	12.771	17.500	5327	0.016	0.021	0.3	-1.2
10YR-72HR	I-BLDG B	BASE	205.00	12.762	17.500	215	0.000	1.207	3.3	47.9
10YR-72HR	IA-3	BASE	205.00	12.758	17.500	363	7.439	-3.737	155.5	-70.6
10YR-72HR	J-BLDG A	BASE	205.00	12.762	17.500	215	0.000	-1.068	5.9	-32.3
10YR-72HR	JA-1	BASE	205.00	12.766	17.500	389	-4.806	4.305	-103.0	79.6
10YR-72HR	K-LAKE-2	BASE	205.00	12.763	17.500	89941	-4.961	0.418	-65.6	20.9
10YR-72HR	KA-21	BASE	205.00	12.757	17.500	293	4.305	-12.356	79.6	-200.9
10YR-72HR	L-LAKE 1	BASE	205.00	12.765	17.500	246332	-7.043	0.000	-112.1	0.0
10YR-72HR	M-LAKE 3	BASE	205.00	12.759	17.500	106160	9.086	0.508	184.2	36.0
10YR-72HR	N-PreDev	BASE	205.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	205.00	4.500	14.500	0	0.926	0.000	56.9	0.0
10YR-72HR	A-DET 6	BASE	207.00	12.830	17.500	314	0.000	0.115	5.2	13.1
10YR-72HR	AA-6D	BASE	207.00	12.830	17.500	21255	0.115	0.037	13.1	-29.0
10YR-72HR	AB-65	BASE	207.00	12.830	17.500	11217	-0.024	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	207.00	12.830	17.500	10392	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	207.00	12.830	17.500	137	0.000	-0.600	7.5	-23.0
10YR-72HR	BA-5ED	BASE	207.00	12.830	17.500	29530	-0.600	0.067	-23.0	19.4
10YR-72HR	BB-56	BASE	207.00	12.830	17.500	8255	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	207.00	12.832	17.500	143	0.000	1.842	8.1	71.5
10YR-72HR	CA-5WD	BASE	207.00	12.830	17.500	30321	1.909	0.115	76.8	-3.8
10YR-72HR	CB-54	BASE	207.00	12.830	17.500	8929	0.115	0.133	-3.8	7.4
10YR-72HR	D-DET 4N	BASE	207.00	12.830	17.500	437	0.000	-0.039	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	207.00	12.830	17.500	23947	0.094	0.177	8.3	8.8
10YR-72HR	E-DET 7E	BASE	207.00	12.831	17.500	137	0.000	0.601	5.8	38.3
10YR-72HR	EA-7ED	BASE	207.00	12.830	17.500	25093	0.601	0.030	38.3	-7.4
10YR-72HR	EB-ME 104	BASE	207.00	12.830	17.500	7109	-0.037	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	207.00	12.763	17.500	174	0.061	15.289	-11.1	280.6
10YR-72HR	F-DET 7W	BASE	207.00	12.829	17.500	143	0.000	-1.841	8.8	-68.0
10YR-72HR	FA-7WD	BASE	207.00	12.830	17.500	29465	-1.775	0.123	-74.4	12.2

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	207.00	12.830	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	207.00	12.830	17.500	11693	0.123	0.143	13.1	8.6
10YR-72HR	G-DET 8E	BASE	207.00	12.763	17.500	139	0.000	0.609	5.1	48.3
10YR-72HR	GA-8ED	BASE	207.00	12.763	17.500	13672	0.609	0.011	48.3	2.7
10YR-72HR	GB-CS 28	BASE	207.00	12.763	17.500	3704	0.019	0.025	10.0	11.0
10YR-72HR	H-DET 8W	BASE	207.00	12.762	17.500	139	0.000	-0.608	6.0	-36.7
10YR-72HR	HA-8WD	BASE	207.00	12.763	17.500	15276	-0.617	0.015	-44.0	0.3
10YR-72HR	HB-CS 5	BASE	207.00	12.763	17.500	5308	0.015	0.020	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	207.00	12.755	17.500	215	0.000	1.195	3.3	48.1
10YR-72HR	IA-3	BASE	207.00	12.750	17.500	363	7.437	-3.726	156.7	-71.3
10YR-72HR	J-BLDG A	BASE	207.00	12.754	17.500	215	0.000	-1.057	5.9	-32.5
10YR-72HR	JA-1	BASE	207.00	12.758	17.500	389	-4.784	4.316	-103.8	80.3
10YR-72HR	K-LAKE-2	BASE	207.00	12.755	17.500	89905	-4.973	0.404	-66.4	21.0
10YR-72HR	KA-21	BASE	207.00	12.749	17.500	293	4.316	-12.349	80.3	-202.9
10YR-72HR	L-LAKE 1	BASE	207.00	12.757	17.500	246248	-7.037	0.000	-113.2	0.0
10YR-72HR	M-LAKE 3	BASE	207.00	12.752	17.500	106147	9.072	0.491	185.7	36.1
10YR-72HR	N-PreDev	BASE	207.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	207.00	4.500	14.500	0	0.895	0.000	57.1	0.0
10YR-72HR	A-DET 6	BASE	209.00	12.818	17.500	314	0.000	0.111	5.2	13.1
10YR-72HR	AA-6D	BASE	209.00	12.818	17.500	21198	0.111	0.016	13.1	-29.0
10YR-72HR	AB-65	BASE	209.00	12.818	17.500	11187	-0.021	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	209.00	12.818	17.500	10364	-0.021	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	209.00	12.817	17.500	137	0.000	-0.585	7.5	-23.1
10YR-72HR	BA-5ED	BASE	209.00	12.818	17.500	29463	-0.585	0.065	-23.1	19.4
10YR-72HR	BB-56	BASE	209.00	12.818	17.500	8236	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	209.00	12.819	17.500	143	0.000	1.809	8.1	71.8
10YR-72HR	CA-5WD	BASE	209.00	12.818	17.500	30252	1.873	0.111	77.2	-3.8
10YR-72HR	CB-54	BASE	209.00	12.818	17.500	8908	0.111	0.129	-3.8	7.5
10YR-72HR	D-DET 4N	BASE	209.00	12.818	17.500	438	0.000	-0.038	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	209.00	12.818	17.500	23915	0.090	0.170	8.3	8.9
10YR-72HR	E-DET 7E	BASE	209.00	12.818	17.500	137	0.000	0.586	5.8	38.4
10YR-72HR	EA-7ED	BASE	209.00	12.818	17.500	25027	0.586	0.032	38.4	-7.4
10YR-72HR	EB-ME 104	BASE	209.00	12.818	17.500	7091	-0.033	0.000	-6.6	0.0
10YR-72HR	EC-CB 32	BASE	209.00	12.756	17.500	174	0.059	15.288	-11.1	283.1
10YR-72HR	F-DET 7W	BASE	209.00	12.816	17.500	143	0.000	-1.808	8.8	-68.3
10YR-72HR	FA-7WD	BASE	209.00	12.818	17.500	29388	-1.743	0.118	-74.7	12.3
10YR-72HR	FB-7WD	BASE	209.00	12.817	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	209.00	12.817	17.500	11664	0.118	0.138	13.1	8.6
10YR-72HR	G-DET 8E	BASE	209.00	12.755	17.500	139	0.000	0.598	5.1	48.4
10YR-72HR	GA-8ED	BASE	209.00	12.754	17.500	13625	0.598	0.010	48.4	2.7
10YR-72HR	GB-CS 28	BASE	209.00	12.754	17.500	3692	0.018	0.024	10.0	11.0
10YR-72HR	H-DET 8W	BASE	209.00	12.754	17.500	139	0.000	-0.597	6.0	-36.8
10YR-72HR	HA-8WD	BASE	209.00	12.754	17.500	15224	-0.606	0.014	-44.1	0.3
10YR-72HR	HB-CS 5	BASE	209.00	12.754	17.500	5290	0.014	0.019	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	209.00	12.747	17.500	215	0.000	1.183	3.3	48.2
10YR-72HR	IA-3	BASE	209.00	12.743	17.500	363	7.435	-3.715	158.0	-71.9
10YR-72HR	J-BLDG A	BASE	209.00	12.747	17.500	215	0.000	-1.047	5.9	-32.7
10YR-72HR	JA-1	BASE	209.00	12.750	17.500	389	-4.762	4.326	-104.5	81.0
10YR-72HR	K-LAKE-2	BASE	209.00	12.748	17.500	89870	-4.984	0.391	-67.2	21.0
10YR-72HR	KA-21	BASE	209.00	12.742	17.500	293	4.326	-12.342	81.0	-205.0
10YR-72HR	L-LAKE 1	BASE	209.00	12.750	17.500	246168	-7.031	0.000	-114.4	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	M-LAKE 3	BASE	209.00	12.744	17.500	106134	9.060	0.474	187.2	36.2
10YR-72HR	N-PreDev	BASE	209.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	209.00	4.500	14.500	0	0.865	0.000	57.2	0.0
10YR-72HR	A-DET 6	BASE	211.00	12.806	17.500	314	0.000	0.108	5.2	13.1
10YR-72HR	AA-6D	BASE	211.00	12.806	17.500	21143	0.108	0.015	13.1	-29.0
10YR-72HR	AB-65	BASE	211.00	12.806	17.500	11158	-0.021	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	211.00	12.806	17.500	10338	-0.020	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	211.00	12.805	17.500	137	0.000	-0.570	7.5	-23.2
10YR-72HR	BA-5ED	BASE	211.00	12.806	17.500	29398	-0.570	0.062	-23.2	19.4
10YR-72HR	BB-56	BASE	211.00	12.806	17.500	8219	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	211.00	12.807	17.500	143	0.000	1.777	8.1	72.1
10YR-72HR	CA-5WD	BASE	211.00	12.806	17.500	30186	1.839	0.107	77.5	-3.8
10YR-72HR	CB-54	BASE	211.00	12.806	17.500	8889	0.107	0.124	-3.8	7.5
10YR-72HR	D-DET 4N	BASE	211.00	12.806	17.500	438	0.000	-0.037	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	211.00	12.806	17.500	23883	0.087	0.164	8.3	8.9
10YR-72HR	E-DET 7E	BASE	211.00	12.806	17.500	137	0.000	0.571	5.8	38.5
10YR-72HR	EA-7ED	BASE	211.00	12.806	17.500	24963	0.571	0.032	38.5	-7.4
10YR-72HR	EB-ME 104	BASE	211.00	12.806	17.500	7073	-0.031	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	211.00	12.749	17.500	174	0.056	15.286	-11.1	285.6
10YR-72HR	F-DET 7W	BASE	211.00	12.804	17.500	143	0.000	-1.776	8.8	-68.6
10YR-72HR	FA-7WD	BASE	211.00	12.806	17.500	29312	-1.714	0.114	-75.0	12.3
10YR-72HR	FB-7WD	BASE	211.00	12.805	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	211.00	12.805	17.500	11636	0.114	0.133	13.1	8.7
10YR-72HR	G-DET 8E	BASE	211.00	12.747	17.500	139	0.000	0.588	5.1	48.5
10YR-72HR	GA-8ED	BASE	211.00	12.747	17.500	13581	0.588	0.010	48.5	2.7
10YR-72HR	GB-CS 28	BASE	211.00	12.746	17.500	3680	0.018	0.023	10.0	11.0
10YR-72HR	H-DET 8W	BASE	211.00	12.746	17.500	139	0.000	-0.587	6.0	-36.9
10YR-72HR	HA-8WD	BASE	211.00	12.747	17.500	15174	-0.595	0.013	-44.2	0.3
10YR-72HR	HB-CS 5	BASE	211.00	12.747	17.500	5273	0.013	0.018	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	211.00	12.740	17.500	215	0.000	1.172	3.3	48.4
10YR-72HR	IA-3	BASE	211.00	12.735	17.500	363	7.433	-3.705	159.2	-72.5
10YR-72HR	J-BLDG A	BASE	211.00	12.740	17.500	215	0.000	-1.037	5.9	-32.9
10YR-72HR	JA-1	BASE	211.00	12.743	17.500	389	-4.741	4.336	-105.3	81.7
10YR-72HR	K-LAKE-2	BASE	211.00	12.741	17.500	89836	-4.995	0.378	-68.1	21.1
10YR-72HR	KA-21	BASE	211.00	12.734	17.500	293	4.336	-12.336	81.7	-207.0
10YR-72HR	L-LAKE 1	BASE	211.00	12.743	17.500	246089	-7.026	0.000	-115.6	0.0
10YR-72HR	M-LAKE 3	BASE	211.00	12.737	17.500	106121	9.048	0.458	188.7	36.2
10YR-72HR	N-PreDev	BASE	211.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	211.00	4.500	14.500	0	0.837	0.000	57.3	0.0
10YR-72HR	A-DET 6	BASE	213.00	12.794	17.500	314	0.000	0.106	5.2	13.1
10YR-72HR	AA-6D	BASE	213.00	12.794	17.500	21090	0.106	0.034	13.1	-29.0
10YR-72HR	AB-65	BASE	213.00	12.794	17.500	11130	-0.020	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	213.00	12.794	17.500	10312	0.000	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	213.00	12.794	17.500	137	0.000	-0.556	7.5	-23.3
10YR-72HR	BA-5ED	BASE	213.00	12.794	17.500	29335	-0.556	0.060	-23.3	19.4
10YR-72HR	BB-56	BASE	213.00	12.794	17.500	8201	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	213.00	12.796	17.500	143	0.000	1.746	8.1	72.4
10YR-72HR	CA-5WD	BASE	213.00	12.794	17.500	30121	1.806	0.103	77.8	-3.8
10YR-72HR	CB-54	BASE	213.00	12.794	17.500	8870	0.103	0.119	-3.8	7.5
10YR-72HR	D-DET 4N	BASE	213.00	12.794	17.500	438	0.000	-0.036	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	213.00	12.794	17.500	23853	0.083	0.158	8.4	8.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	E-DET 7E	BASE	213.00	12.795	17.500	137	0.000	0.557	5.8	38.6
10YR-72HR	EA-7ED	BASE	213.00	12.794	17.500	24902	0.557	0.030	38.6	-7.4
10YR-72HR	EB-ME 104	BASE	213.00	12.794	17.500	7057	-0.030	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	213.00	12.742	17.500	174	0.054	15.284	-11.1	288.2
10YR-72HR	F-DET 7W	BASE	213.00	12.792	17.500	143	0.000	-1.746	8.8	-68.9
10YR-72HR	FA-7WD	BASE	213.00	12.794	17.500	29240	-1.686	0.110	-75.3	12.3
10YR-72HR	FB-7WD	BASE	213.00	12.794	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	213.00	12.794	17.500	11608	0.110	0.128	13.2	8.7
10YR-72HR	G-DET 8E	BASE	213.00	12.740	17.500	139	0.000	0.578	5.1	48.6
10YR-72HR	GA-8ED	BASE	213.00	12.739	17.500	13538	0.578	0.009	48.6	2.7
10YR-72HR	GB-CS 28	BASE	213.00	12.739	17.500	3668	0.017	0.022	10.0	11.0
10YR-72HR	H-DET 8W	BASE	213.00	12.738	17.500	139	0.000	-0.577	6.0	-37.0
10YR-72HR	HA-8WD	BASE	213.00	12.739	17.500	15127	-0.585	0.012	-44.3	0.3
10YR-72HR	HB-CS 5	BASE	213.00	12.739	17.500	5257	0.012	0.017	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	213.00	12.733	17.500	215	0.000	1.161	3.3	48.6
10YR-72HR	IA-3	BASE	213.00	12.729	17.500	363	7.431	-3.695	160.4	-73.1
10YR-72HR	J-BLDG A	BASE	213.00	12.733	17.500	215	0.000	-1.027	5.9	-33.0
10YR-72HR	JA-1	BASE	213.00	12.736	17.500	389	-4.721	4.346	-106.1	82.4
10YR-72HR	K-LAKE-2	BASE	213.00	12.734	17.500	89803	-5.005	0.366	-68.9	21.2
10YR-72HR	KA-21	BASE	213.00	12.727	17.500	293	4.346	-12.330	82.4	-209.0
10YR-72HR	L-LAKE 1	BASE	213.00	12.736	17.500	246013	-7.021	0.000	-116.7	0.0
10YR-72HR	M-LAKE 3	BASE	213.00	12.730	17.500	106109	9.036	0.443	190.1	36.3
10YR-72HR	N-PreDev	BASE	213.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	213.00	4.500	14.500	0	0.809	0.000	57.5	0.0
10YR-72HR	A-DET 6	BASE	215.00	12.783	17.500	313	0.000	0.103	5.2	13.1
10YR-72HR	AA-6D	BASE	215.00	12.783	17.500	21038	0.103	0.015	13.1	-29.0
10YR-72HR	AB-65	BASE	215.00	12.783	17.500	11103	-0.019	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	215.00	12.783	17.500	10287	-0.017	0.000	-8.7	-5.6
10YR-72HR	B-DET 5E	BASE	215.00	12.783	17.500	137	0.000	-0.543	7.5	-23.3
10YR-72HR	BA-5ED	BASE	215.00	12.783	17.500	29275	-0.543	0.057	-23.3	19.4
10YR-72HR	BB-56	BASE	215.00	12.783	17.500	8185	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	215.00	12.784	17.500	143	0.000	1.717	8.1	72.7
10YR-72HR	CA-5WD	BASE	215.00	12.783	17.500	30059	1.775	0.100	78.1	-3.8
10YR-72HR	CB-54	BASE	215.00	12.783	17.500	8852	0.100	0.115	-3.8	7.5
10YR-72HR	D-DET 4N	BASE	215.00	12.783	17.500	438	0.000	-0.035	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	215.00	12.783	17.500	23823	0.079	0.152	8.4	8.9
10YR-72HR	E-DET 7E	BASE	215.00	12.783	17.500	137	0.000	0.544	5.8	38.7
10YR-72HR	EA-7ED	BASE	215.00	12.783	17.500	24842	0.544	0.031	38.7	-7.4
10YR-72HR	EB-ME 104	BASE	215.00	12.783	17.500	7040	-0.027	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	215.00	12.735	17.500	174	0.051	15.282	-11.1	290.7
10YR-72HR	F-DET 7W	BASE	215.00	12.781	17.500	143	0.000	-1.717	8.8	-69.2
10YR-72HR	FA-7WD	BASE	215.00	12.783	17.500	29170	-1.659	0.105	-75.6	12.3
10YR-72HR	FB-7WD	BASE	215.00	12.782	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	215.00	12.782	17.500	11582	0.105	0.123	13.2	8.7
10YR-72HR	G-DET 8E	BASE	215.00	12.732	17.500	139	0.000	0.568	5.1	48.7
10YR-72HR	GA-8ED	BASE	215.00	12.732	17.500	13497	0.568	0.009	48.7	2.7
10YR-72HR	GB-CS 28	BASE	215.00	12.732	17.500	3657	0.017	0.021	10.0	11.0
10YR-72HR	H-DET 8W	BASE	215.00	12.731	17.500	139	0.000	-0.568	6.0	-37.1
10YR-72HR	HA-8WD	BASE	215.00	12.732	17.500	15081	-0.575	0.012	-44.4	0.3
10YR-72HR	HB-CS 5	BASE	215.00	12.732	17.500	5241	0.012	0.016	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	215.00	12.726	17.500	215	0.000	1.150	3.3	48.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	215.00	12.722	17.500	363	7.428	-3.685	161.6	-73.7
10YR-72HR	J-BLDG A	BASE	215.00	12.726	17.500	215	0.000	-1.017	5.9	-33.2
10YR-72HR	JA-1	BASE	215.00	12.729	17.500	389	-4.702	4.355	-106.9	83.1
10YR-72HR	K-LAKE-2	BASE	215.00	12.727	17.500	89771	-5.016	0.355	-69.7	21.2
10YR-72HR	KA-21	BASE	215.00	12.721	17.500	293	4.355	-12.324	83.1	-211.1
10YR-72HR	L-LAKE 1	BASE	215.00	12.729	17.500	245939	-7.017	0.000	-117.9	0.0
10YR-72HR	M-LAKE 3	BASE	215.00	12.724	17.500	106097	9.024	0.428	191.6	36.4
10YR-72HR	N-PreDev	BASE	215.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	215.00	4.500	14.500	0	0.783	0.000	57.6	0.0
10YR-72HR	A-DET 6	BASE	217.00	12.772	17.500	313	0.000	0.100	5.2	13.2
10YR-72HR	AA-6D	BASE	217.00	12.772	17.500	20989	0.100	0.014	13.2	-29.0
10YR-72HR	AB-65	BASE	217.00	12.772	17.500	11077	-0.019	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	217.00	12.772	17.500	10263	-0.016	0.049	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	217.00	12.772	17.500	137	0.000	-0.530	7.5	-23.4
10YR-72HR	BA-5ED	BASE	217.00	12.772	17.500	29217	-0.530	0.055	-23.4	19.4
10YR-72HR	BB-56	BASE	217.00	12.772	17.500	8169	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	217.00	12.774	17.500	143	0.000	1.690	8.1	73.0
10YR-72HR	CA-5WD	BASE	217.00	12.772	17.500	29999	1.745	0.096	78.3	-3.7
10YR-72HR	CB-54	BASE	217.00	12.772	17.500	8835	0.096	0.111	-3.7	7.5
10YR-72HR	D-DET 4N	BASE	217.00	12.772	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	217.00	12.772	17.500	23795	0.111	0.146	8.4	9.0
10YR-72HR	E-DET 7E	BASE	217.00	12.773	17.500	137	0.000	0.531	5.8	38.8
10YR-72HR	EA-7ED	BASE	217.00	12.772	17.500	24785	0.531	0.031	38.8	-7.4
10YR-72HR	EB-ME 104	BASE	217.00	12.772	17.500	7024	0.025	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	217.00	12.729	17.500	174	0.049	15.280	-11.0	293.2
10YR-72HR	F-DET 7W	BASE	217.00	12.770	17.500	143	0.000	-1.689	8.8	-69.5
10YR-72HR	FA-7WD	BASE	217.00	12.772	17.500	29103	-1.633	0.101	-75.8	12.3
10YR-72HR	FB-7WD	BASE	217.00	12.772	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	217.00	12.772	17.500	11556	0.101	0.118	13.2	8.7
10YR-72HR	G-DET 8E	BASE	217.00	12.725	17.500	139	0.000	0.559	5.1	48.8
10YR-72HR	GA-8ED	BASE	217.00	12.725	17.500	13457	0.559	0.009	48.8	2.7
10YR-72HR	GB-CS 28	BASE	217.00	12.725	17.500	3647	0.016	0.020	10.0	11.0
10YR-72HR	H-DET 8W	BASE	217.00	12.724	17.500	139	0.000	-0.559	6.0	-37.1
10YR-72HR	HA-8WD	BASE	217.00	12.725	17.500	15036	-0.566	0.011	-44.5	0.3
10YR-72HR	HB-CS 5	BASE	217.00	12.725	17.500	5226	0.011	0.016	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	217.00	12.720	17.500	215	0.000	1.139	3.3	49.0
10YR-72HR	IA-3	BASE	217.00	12.715	17.500	363	7.426	-3.675	162.9	-74.3
10YR-72HR	J-BLDG A	BASE	217.00	12.719	17.500	215	0.000	-1.007	5.9	-33.4
10YR-72HR	JA-1	BASE	217.00	12.723	17.500	389	-4.683	4.364	-107.7	83.9
10YR-72HR	K-LAKE-2	BASE	217.00	12.720	17.500	89740	-5.025	0.344	-70.6	21.3
10YR-72HR	KA-21	BASE	217.00	12.714	17.500	293	4.364	-12.318	83.9	-213.1
10YR-72HR	L-LAKE 1	BASE	217.00	12.722	17.500	245867	-7.012	0.000	-119.0	0.0
10YR-72HR	M-LAKE 3	BASE	217.00	12.717	17.500	106085	9.013	0.414	193.1	36.4
10YR-72HR	N-PreDev	BASE	217.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	217.00	4.500	14.500	0	0.758	0.000	57.7	0.0
10YR-72HR	A-DET 6	BASE	219.00	12.762	17.500	313	0.000	0.098	5.2	13.2
10YR-72HR	AA-6D	BASE	219.00	12.762	17.500	20941	0.098	0.029	13.2	-29.0
10YR-72HR	AB-65	BASE	219.00	12.762	17.500	11051	-0.018	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	219.00	12.762	17.500	10240	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	219.00	12.761	17.500	137	0.000	-0.519	7.5	-23.5
10YR-72HR	BA-5ED	BASE	219.00	12.762	17.500	29160	-0.519	0.053	-23.5	19.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	219.00	12.762	17.500	8153	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	219.00	12.763	17.500	143	0.000	1.663	8.1	73.3
10YR-72HR	CA-5WD	BASE	219.00	12.762	17.500	29942	1.716	0.092	78.6	-3.7
10YR-72HR	CB-54	BASE	219.00	12.761	17.500	8818	0.092	0.106	-3.7	7.6
10YR-72HR	D-DET 4N	BASE	219.00	12.761	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	219.00	12.761	17.500	23767	0.106	0.140	8.4	9.0
10YR-72HR	E-DET 7E	BASE	219.00	12.762	17.500	137	0.000	0.519	5.8	38.9
10YR-72HR	EA-7ED	BASE	219.00	12.762	17.500	24730	0.519	0.030	38.9	-7.4
10YR-72HR	EB-ME 104	BASE	219.00	12.762	17.500	7009	-0.024	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	219.00	12.723	17.500	174	0.047	15.278	-11.0	295.7
10YR-72HR	F-DET 7W	BASE	219.00	12.760	17.500	143	0.000	-1.663	8.8	-69.7
10YR-72HR	FA-7WD	BASE	219.00	12.762	17.500	29038	-1.609	0.097	-76.1	12.3
10YR-72HR	FB-7WD	BASE	219.00	12.761	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	219.00	12.761	17.500	11532	0.097	0.113	13.2	8.7
10YR-72HR	G-DET 8E	BASE	219.00	12.718	17.500	139	0.000	0.551	5.1	48.9
10YR-72HR	GA-8ED	BASE	219.00	12.718	17.500	13419	0.551	0.009	48.9	2.7
10YR-72HR	GB-CS 28	BASE	219.00	12.718	17.500	3637	0.016	0.020	10.0	11.0
10YR-72HR	H-DET 8W	BASE	219.00	12.717	17.500	139	0.000	-0.550	6.0	-37.2
10YR-72HR	HA-8WD	BASE	219.00	12.718	17.500	14993	-0.557	0.011	-44.6	0.3
10YR-72HR	HB-CS 5	BASE	219.00	12.718	17.500	5211	0.011	0.015	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	219.00	12.713	17.500	215	0.000	1.129	3.3	49.2
10YR-72HR	IA-3	BASE	219.00	12.709	17.500	363	7.424	-3.666	164.1	-74.9
10YR-72HR	J-BLDG A	BASE	219.00	12.713	17.500	215	0.000	-0.998	5.9	-33.5
10YR-72HR	JA-1	BASE	219.00	12.716	17.500	389	-4.664	4.372	-108.4	84.6
10YR-72HR	K-LAKE-2	BASE	219.00	12.714	17.500	89710	-5.035	0.333	-71.4	21.3
10YR-72HR	KA-21	BASE	219.00	12.707	17.500	293	4.372	-12.312	84.6	-215.1
10YR-72HR	L-LAKE 1	BASE	219.00	12.716	17.500	245797	-7.008	0.000	-120.2	0.0
10YR-72HR	M-LAKE 3	BASE	219.00	12.711	17.500	106073	9.003	0.401	194.6	36.5
10YR-72HR	N-PreDev	BASE	219.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	219.00	4.500	14.500	0	0.733	0.000	57.9	0.0
10YR-72HR	A-DET 6	BASE	221.00	12.752	17.500	313	0.000	0.095	5.2	13.2
10YR-72HR	AA-6D	BASE	221.00	12.752	17.500	20895	0.095	0.013	13.2	-29.0
10YR-72HR	AB-65	BASE	221.00	12.752	17.500	11027	-0.017	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	221.00	12.752	17.500	10218	-0.014	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	221.00	12.751	17.500	136	0.000	-0.507	7.5	-23.6
10YR-72HR	BA-5ED	BASE	221.00	12.752	17.500	29107	-0.507	0.050	-23.6	19.4
10YR-72HR	BB-56	BASE	221.00	12.752	17.500	8138	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	221.00	12.753	17.500	143	0.000	1.638	8.1	73.5
10YR-72HR	CA-5WD	BASE	221.00	12.752	17.500	29886	1.688	0.088	78.9	-3.7
10YR-72HR	CB-54	BASE	221.00	12.751	17.500	8801	0.088	0.102	-3.7	7.6
10YR-72HR	D-DET 4N	BASE	221.00	12.751	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	221.00	12.751	17.500	23741	0.102	0.135	8.4	9.0
10YR-72HR	E-DET 7E	BASE	221.00	12.752	17.500	136	0.000	0.508	5.8	39.0
10YR-72HR	EA-7ED	BASE	221.00	12.752	17.500	24677	0.508	0.029	39.0	-7.4
10YR-72HR	EB-ME 104	BASE	221.00	12.752	17.500	6995	-0.022	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	221.00	12.716	17.500	174	0.044	15.276	-11.0	298.3
10YR-72HR	F-DET 7W	BASE	221.00	12.750	17.500	143	0.000	-1.637	8.8	-70.0
10YR-72HR	FA-7WD	BASE	221.00	12.752	17.500	28975	-1.586	0.093	-76.4	12.4
10YR-72HR	FB-7WD	BASE	221.00	12.751	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	221.00	12.751	17.500	11508	0.093	0.109	13.2	8.8
10YR-72HR	G-DET 8E	BASE	221.00	12.712	17.500	139	0.000	0.542	5.1	49.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	221.00	12.711	17.500	13381	0.542	0.009	49.0	2.7
10YR-72HR	GB-CS 28	BASE	221.00	12.711	17.500	3627	0.015	0.019	10.0	11.0
10YR-72HR	H-DET 8W	BASE	221.00	12.711	17.500	139	0.000	-0.542	6.0	-37.3
10YR-72HR	HA-8WD	BASE	221.00	12.711	17.500	14951	-0.548	0.010	-44.7	0.3
10YR-72HR	HB-CS 5	BASE	221.00	12.711	17.500	5197	0.010	0.014	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	221.00	12.707	17.500	214	0.000	1.119	3.3	49.4
10YR-72HR	IA-3	BASE	221.00	12.703	17.500	363	7.422	-3.657	165.3	-75.5
10YR-72HR	J-BLDG A	BASE	221.00	12.707	17.500	215	0.000	-0.989	5.9	-33.7
10YR-72HR	JA-1	BASE	221.00	12.710	17.500	388	-4.647	4.380	-109.2	85.3
10YR-72HR	K-LAKE-2	BASE	221.00	12.708	17.500	89680	-5.044	0.322	-72.2	21.4
10YR-72HR	KA-21	BASE	221.00	12.701	17.500	293	4.380	-12.306	85.3	-217.2
10YR-72HR	L-LAKE 1	BASE	221.00	12.709	17.500	245728	-7.004	0.000	-121.4	0.0
10YR-72HR	M-LAKE 3	BASE	221.00	12.705	17.500	106062	8.992	0.388	196.1	36.6
10YR-72HR	N-PreDev	BASE	221.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	221.00	4.500	14.500	0	0.710	0.000	58.0	0.0
10YR-72HR	A-DET 6	BASE	223.00	12.742	17.500	312	0.000	0.093	5.2	13.2
10YR-72HR	AA-6D	BASE	223.00	12.742	17.500	20851	0.093	0.012	13.2	-29.0
10YR-72HR	AB-65	BASE	223.00	12.742	17.500	11004	-0.017	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	223.00	12.742	17.500	10197	-0.013	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	223.00	12.742	17.500	136	0.000	-0.496	7.5	-23.7
10YR-72HR	BA-5ED	BASE	223.00	12.742	17.500	29055	-0.496	0.048	-23.7	19.4
10YR-72HR	BB-56	BASE	223.00	12.742	17.500	8124	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	223.00	12.743	17.500	143	0.000	1.614	8.1	73.8
10YR-72HR	CA-5WD	BASE	223.00	12.742	17.500	29833	1.662	0.085	79.2	-3.7
10YR-72HR	CB-54	BASE	223.00	12.742	17.500	8786	0.085	0.098	-3.7	7.6
10YR-72HR	D-DET 4N	BASE	223.00	12.742	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	223.00	12.742	17.500	23716	0.098	0.129	8.4	9.0
10YR-72HR	E-DET 7E	BASE	223.00	12.743	17.500	136	0.000	0.497	5.8	39.0
10YR-72HR	EA-7ED	BASE	223.00	12.742	17.500	24626	0.497	0.029	39.0	-7.4
10YR-72HR	EB-ME 104	BASE	223.00	12.742	17.500	6980	-0.021	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	223.00	12.710	17.500	174	0.042	15.274	-11.0	300.8
10YR-72HR	F-DET 7W	BASE	223.00	12.741	17.500	143	0.000	-1.613	8.8	-70.3
10YR-72HR	FA-7WD	BASE	223.00	12.742	17.500	28915	-1.564	0.089	-76.6	12.4
10YR-72HR	FB-7WD	BASE	223.00	12.741	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	223.00	12.741	17.500	11485	0.089	0.104	13.2	8.8
10YR-72HR	G-DET 8E	BASE	223.00	12.705	17.500	139	0.000	0.534	5.1	49.1
10YR-72HR	GA-8ED	BASE	223.00	12.705	17.500	13345	0.534	0.009	49.1	2.7
10YR-72HR	GB-CS 28	BASE	223.00	12.705	17.500	3617	0.015	0.019	10.0	11.0
10YR-72HR	H-DET 8W	BASE	223.00	12.705	17.500	139	0.000	-0.533	6.0	-37.4
10YR-72HR	HA-8WD	BASE	223.00	12.705	17.500	14911	-0.540	0.010	-44.8	0.3
10YR-72HR	HB-CS 5	BASE	223.00	12.705	17.500	5183	0.010	0.014	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	223.00	12.701	17.500	214	0.000	1.110	3.3	49.6
10YR-72HR	IA-3	BASE	223.00	12.696	17.500	363	7.420	-3.649	166.5	-76.1
10YR-72HR	J-BLDG A	BASE	223.00	12.701	17.500	214	0.000	-0.981	5.9	-33.9
10YR-72HR	JA-1	BASE	223.00	12.704	17.500	388	-4.629	4.388	-110.0	86.0
10YR-72HR	K-LAKE-2	BASE	223.00	12.701	17.500	89651	-5.053	0.312	-73.1	21.5
10YR-72HR	KA-21	BASE	223.00	12.695	17.500	293	4.388	-12.300	86.0	-219.2
10YR-72HR	L-LAKE 1	BASE	223.00	12.703	17.500	245662	-7.000	0.000	-122.5	0.0
10YR-72HR	M-LAKE 3	BASE	223.00	12.699	17.500	106051	8.982	0.375	197.6	36.6
10YR-72HR	N-PreDev	BASE	223.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	223.00	4.500	14.500	0	0.687	0.000	58.1	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	A-DET 6	BASE	225.00	12.733	17.500	312	0.000	0.091	5.2	13.2
10YR-72HR	AA-6D	BASE	225.00	12.733	17.500	20808	0.091	0.012	13.2	-29.0
10YR-72HR	AB-65	BASE	225.00	12.733	17.500	10982	-0.016	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	225.00	12.733	17.500	10176	-0.012	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	225.00	12.733	17.500	136	0.000	-0.486	7.5	-23.8
10YR-72HR	BA-5ED	BASE	225.00	12.733	17.500	29005	-0.486	0.046	-23.8	19.4
10YR-72HR	BB-56	BASE	225.00	12.733	17.500	8110	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	225.00	12.734	17.500	143	0.000	1.591	8.1	74.1
10YR-72HR	CA-5WD	BASE	225.00	12.733	17.500	29782	1.637	0.081	79.5	-3.7
10YR-72HR	CB-54	BASE	225.00	12.733	17.500	8771	0.081	0.094	-3.7	7.6
10YR-72HR	D-DET 4N	BASE	225.00	12.733	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	225.00	12.733	17.500	23691	0.094	0.124	8.5	9.1
10YR-72HR	E-DET 7E	BASE	225.00	12.733	17.500	136	0.000	0.487	5.8	39.1
10YR-72HR	EA-7ED	BASE	225.00	12.733	17.500	24577	0.487	0.028	39.1	-7.4
10YR-72HR	EB-ME 104	BASE	225.00	12.733	17.500	6967	-0.020	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	225.00	12.704	17.500	174	0.040	15.272	-11.0	303.3
10YR-72HR	F-DET 7W	BASE	225.00	12.731	17.500	143	0.000	-1.590	8.8	-70.6
10YR-72HR	FA-7WD	BASE	225.00	12.733	17.500	28858	-1.543	0.085	-76.9	12.4
10YR-72HR	FB-7WD	BASE	225.00	12.732	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	225.00	12.732	17.500	11463	0.085	0.100	13.3	8.8
10YR-72HR	G-DET 8E	BASE	225.00	12.699	17.500	139	0.000	0.527	5.1	49.2
10YR-72HR	GA-8ED	BASE	225.00	12.699	17.500	13310	0.527	0.009	49.2	2.7
10YR-72HR	GB-CS 28	BASE	225.00	12.699	17.500	3608	0.015	0.018	10.1	11.0
10YR-72HR	H-DET 8W	BASE	225.00	12.698	17.500	139	0.000	-0.526	6.0	-37.5
10YR-72HR	HA-8WD	BASE	225.00	12.699	17.500	14871	-0.532	0.010	-44.9	0.3
10YR-72HR	HB-CS 5	BASE	225.00	12.699	17.500	5170	0.010	0.013	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	225.00	12.695	17.500	214	0.000	1.100	3.3	49.8
10YR-72HR	IA-3	BASE	225.00	12.691	17.500	362	7.418	-3.640	167.8	-76.7
10YR-72HR	J-BLDG A	BASE	225.00	12.695	17.500	214	0.000	-0.972	5.9	-34.0
10YR-72HR	JA-1	BASE	225.00	12.698	17.500	388	-4.612	4.395	-110.7	86.8
10YR-72HR	K-LAKE-2	BASE	225.00	12.696	17.500	89623	-5.061	0.303	-73.9	21.5
10YR-72HR	KA-21	BASE	225.00	12.689	17.500	293	4.395	-12.295	86.8	-221.2
10YR-72HR	L-LAKE 1	BASE	225.00	12.697	17.500	245597	-6.997	0.000	-123.7	0.0
10YR-72HR	M-LAKE 3	BASE	225.00	12.693	17.500	106041	8.973	0.363	199.1	36.7
10YR-72HR	N-PreDev	BASE	225.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	225.00	4.500	14.500	0	0.666	0.000	58.2	0.0
10YR-72HR	A-DET 6	BASE	227.00	12.724	17.500	312	0.000	0.089	5.2	13.2
10YR-72HR	AA-6D	BASE	227.00	12.724	17.500	20768	0.089	0.011	13.2	-29.0
10YR-72HR	AB-65	BASE	227.00	12.724	17.500	10961	-0.015	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	227.00	12.724	17.500	10156	-0.012	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	227.00	12.724	17.500	136	0.000	-0.476	7.5	-23.9
10YR-72HR	BA-5ED	BASE	227.00	12.724	17.500	28957	-0.476	0.044	-23.9	19.4
10YR-72HR	BB-56	BASE	227.00	12.724	17.500	8097	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	227.00	12.725	17.500	143	0.000	1.569	8.1	74.3
10YR-72HR	CA-5WD	BASE	227.00	12.724	17.500	29733	1.613	0.078	79.7	-3.7
10YR-72HR	CB-54	BASE	227.00	12.724	17.500	8757	0.078	0.089	-3.7	7.6
10YR-72HR	D-DET 4N	BASE	227.00	12.724	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	227.00	12.724	17.500	23668	0.089	0.118	8.5	9.1
10YR-72HR	E-DET 7E	BASE	227.00	12.725	17.500	136	0.000	0.477	5.8	39.2
10YR-72HR	EA-7ED	BASE	227.00	12.724	17.500	24530	0.477	0.027	39.2	-7.4
10YR-72HR	EB-ME 104	BASE	227.00	12.724	17.500	6954	-0.018	0.000	-6.7	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	227.00	12.699	17.500	174	0.038	15.271	-11.0	305.8
10YR-72HR	F-DET 7W	BASE	227.00	12.722	17.500	143	0.000	-1.568	8.8	-70.8
10YR-72HR	FA-7WD	BASE	227.00	12.724	17.500	28803	-1.523	0.081	-77.1	12.4
10YR-72HR	FB-7WD	BASE	227.00	12.723	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	227.00	12.723	17.500	11442	0.081	0.095	13.3	8.8
10YR-72HR	G-DET 8E	BASE	227.00	12.693	17.500	139	0.000	0.519	5.1	49.2
10YR-72HR	GA-8ED	BASE	227.00	12.693	17.500	13275	0.519	0.009	49.2	2.7
10YR-72HR	GB-CS 28	BASE	227.00	12.693	17.500	3599	0.014	0.018	10.1	11.0
10YR-72HR	H-DET 8W	BASE	227.00	12.692	17.500	139	0.000	-0.518	6.0	-37.6
10YR-72HR	HA-8WD	BASE	227.00	12.693	17.500	14833	-0.524	0.009	-44.9	0.3
10YR-72HR	HB-CS 5	BASE	227.00	12.693	17.500	5156	0.009	0.013	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	227.00	12.689	17.500	214	0.000	1.091	3.3	49.9
10YR-72HR	IA-3	BASE	227.00	12.685	17.500	362	7.416	-3.632	169.0	-77.3
10YR-72HR	J-BLDG A	BASE	227.00	12.689	17.500	214	0.000	-0.964	5.9	-34.2
10YR-72HR	JA-1	BASE	227.00	12.692	17.500	388	-4.596	4.403	-111.5	87.5
10YR-72HR	K-LAKE-2	BASE	227.00	12.690	17.500	89596	-5.069	0.293	-74.7	21.6
10YR-72HR	KA-21	BASE	227.00	12.683	17.500	293	4.403	-12.289	87.5	-223.3
10YR-72HR	L-LAKE 1	BASE	227.00	12.691	17.500	245533	-6.993	0.000	-124.8	0.0
10YR-72HR	M-LAKE 3	BASE	227.00	12.687	17.500	106031	8.964	0.351	200.6	36.8
10YR-72HR	N-PreDev	BASE	227.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	227.00	4.500	14.500	0	0.645	0.000	58.3	0.0
10YR-72HR	A-DET 6	BASE	229.00	12.716	17.500	312	0.000	0.087	5.2	13.2
10YR-72HR	AA-6D	BASE	229.00	12.716	17.500	20729	0.087	0.010	13.2	-29.0
10YR-72HR	AB-65	BASE	229.00	12.716	17.500	10940	-0.015	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	229.00	12.716	17.500	10138	-0.011	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	229.00	12.715	17.500	136	0.000	-0.467	7.5	-23.9
10YR-72HR	BA-5ED	BASE	229.00	12.716	17.500	28912	-0.467	0.042	-23.9	19.5
10YR-72HR	BB-56	BASE	229.00	12.716	17.500	8084	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	229.00	12.717	17.500	143	0.000	1.548	8.1	74.6
10YR-72HR	CA-5WD	BASE	229.00	12.715	17.500	29686	1.590	0.074	80.0	-3.7
10YR-72HR	CB-54	BASE	229.00	12.715	17.500	8743	0.074	0.086	-3.7	7.6
10YR-72HR	D-DET 4N	BASE	229.00	12.715	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	229.00	12.715	17.500	23645	0.086	0.113	8.5	9.1
10YR-72HR	E-DET 7E	BASE	229.00	12.716	17.500	136	0.000	0.468	5.8	39.3
10YR-72HR	EA-7ED	BASE	229.00	12.716	17.500	24485	0.468	0.026	39.3	-7.4
10YR-72HR	EB-ME 104	BASE	229.00	12.716	17.500	6942	-0.017	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	229.00	12.693	17.500	174	0.036	15.269	-11.0	308.4
10YR-72HR	F-DET 7W	BASE	229.00	12.714	17.500	143	0.000	-1.548	8.8	-71.1
10YR-72HR	FA-7WD	BASE	229.00	12.715	17.500	28750	-1.504	0.078	-77.4	12.4
10YR-72HR	FB-7WD	BASE	229.00	12.715	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	229.00	12.715	17.500	11422	0.078	0.091	13.3	8.8
10YR-72HR	G-DET 8E	BASE	229.00	12.687	17.500	139	0.000	0.512	5.1	49.3
10YR-72HR	GA-8ED	BASE	229.00	12.687	17.500	13242	0.512	0.009	49.3	2.7
10YR-72HR	GB-CS 28	BASE	229.00	12.687	17.500	3590	0.014	0.017	10.1	11.0
10YR-72HR	H-DET 8W	BASE	229.00	12.686	17.500	139	0.000	-0.511	6.0	-37.7
10YR-72HR	HA-8WD	BASE	229.00	12.687	17.500	14796	-0.516	0.009	-45.0	0.3
10YR-72HR	HB-CS 5	BASE	229.00	12.687	17.500	5144	0.009	0.013	0.3	-1.1
10YR-72HR	I-BLDG B	BASE	229.00	12.684	17.500	214	0.000	1.082	3.3	50.1
10YR-72HR	IA-3	BASE	229.00	12.679	17.500	362	7.413	-3.624	170.2	-77.9
10YR-72HR	J-BLDG A	BASE	229.00	12.683	17.500	214	0.000	-0.956	5.9	-34.3
10YR-72HR	JA-1	BASE	229.00	12.687	17.500	388	-4.581	4.409	-112.3	88.2

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	K-LAKE-2	BASE	229.00	12.684	17.500	89569	-5.077	0.284	-75.6	21.6
10YR-72HR	KA-21	BASE	229.00	12.677	17.500	293	4.409	-12.284	88.2	-225.3
10YR-72HR	L-LAKE 1	BASE	229.00	12.685	17.500	245471	-6.990	0.000	-126.0	0.0
10YR-72HR	M-LAKE 3	BASE	229.00	12.681	17.500	106020	8.955	0.340	202.0	36.8
10YR-72HR	N-PreDev	BASE	229.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	229.00	4.500	14.500	0	0.625	0.000	58.4	0.0
10YR-72HR	A-DET 6	BASE	231.00	12.708	17.500	312	0.000	0.085	5.2	13.3
10YR-72HR	AA-6D	BASE	231.00	12.708	17.500	20691	0.085	0.009	13.3	-29.0
10YR-72HR	AB-65	BASE	231.00	12.708	17.500	10920	-0.014	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	231.00	12.708	17.500	10119	-0.010	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	231.00	12.707	17.500	136	0.000	-0.459	7.5	-24.0
10YR-72HR	BA-5ED	BASE	231.00	12.708	17.500	28868	-0.459	0.040	-24.0	19.5
10YR-72HR	BB-56	BASE	231.00	12.708	17.500	8072	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	231.00	12.709	17.500	143	0.000	1.528	8.1	74.8
10YR-72HR	CA-5WD	BASE	231.00	12.707	17.500	29641	1.568	0.071	80.3	-3.6
10YR-72HR	CB-54	BASE	231.00	12.707	17.500	8730	0.071	0.082	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	231.00	12.707	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	231.00	12.707	17.500	23624	0.082	0.108	8.5	9.1
10YR-72HR	E-DET 7E	BASE	231.00	12.708	17.500	136	0.000	0.459	5.8	39.3
10YR-72HR	EA-7ED	BASE	231.00	12.708	17.500	24442	0.459	0.025	39.3	-7.4
10YR-72HR	EB-ME 104	BASE	231.00	12.708	17.500	6930	-0.016	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	231.00	12.687	17.500	174	0.033	15.267	-11.0	310.9
10YR-72HR	F-DET 7W	BASE	231.00	12.706	17.500	143	0.000	-1.528	8.8	-71.3
10YR-72HR	FA-7WD	BASE	231.00	12.707	17.500	28699	-1.486	0.074	-77.6	12.4
10YR-72HR	FB-7WD	BASE	231.00	12.707	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	231.00	12.707	17.500	11402	0.074	0.087	13.3	8.8
10YR-72HR	G-DET 8E	BASE	231.00	12.682	17.500	139	0.000	0.505	5.1	49.4
10YR-72HR	GA-8ED	BASE	231.00	12.681	17.500	13209	0.505	0.009	49.4	2.7
10YR-72HR	GB-CS 28	BASE	231.00	12.681	17.500	3581	0.014	0.017	10.1	11.0
10YR-72HR	H-DET 8W	BASE	231.00	12.681	17.500	139	0.000	-0.504	6.0	-37.8
10YR-72HR	HA-8WD	BASE	231.00	12.681	17.500	14759	-0.509	0.009	-45.1	0.4
10YR-72HR	HB-CS 5	BASE	231.00	12.681	17.500	5131	0.009	0.012	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	231.00	12.678	17.500	214	0.000	1.074	3.3	50.3
10YR-72HR	IA-3	BASE	231.00	12.674	17.500	362	7.411	-3.617	171.5	-78.5
10YR-72HR	J-BLDG A	BASE	231.00	12.678	17.500	214	0.000	-0.948	5.9	-34.5
10YR-72HR	JA-1	BASE	231.00	12.681	17.500	388	-4.565	4.416	-113.0	88.9
10YR-72HR	K-LAKE-2	BASE	231.00	12.678	17.500	89543	-5.085	0.276	-76.4	21.6
10YR-72HR	KA-21	BASE	231.00	12.672	17.500	293	4.416	-12.279	88.9	-227.3
10YR-72HR	L-LAKE 1	BASE	231.00	12.680	17.500	245410	-6.986	0.000	-127.1	0.0
10YR-72HR	M-LAKE 3	BASE	231.00	12.676	17.500	106011	8.946	0.330	203.5	36.9
10YR-72HR	N-PreDev	BASE	231.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	231.00	4.500	14.500	0	0.605	0.000	58.5	0.0
10YR-72HR	A-DET 6	BASE	233.00	12.700	17.500	311	0.000	0.084	5.2	13.3
10YR-72HR	AA-6D	BASE	233.00	12.700	17.500	20656	0.084	0.008	13.3	-29.0
10YR-72HR	AB-65	BASE	233.00	12.700	17.500	10902	-0.013	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	233.00	12.700	17.500	10102	-0.010	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	233.00	12.699	17.500	136	0.000	-0.450	7.5	-24.1
10YR-72HR	BA-5ED	BASE	233.00	12.700	17.500	28826	-0.450	0.038	-24.1	19.5
10YR-72HR	BB-56	BASE	233.00	12.700	17.500	8061	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	233.00	12.701	17.500	143	0.000	1.509	8.1	75.1
10YR-72HR	CA-5WD	BASE	233.00	12.700	17.500	29598	1.548	0.068	80.5	-3.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	CB-54	BASE	233.00	12.699	17.500	8717	0.068	0.078	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	233.00	12.699	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	233.00	12.699	17.500	23603	0.078	0.104	8.5	9.1
10YR-72HR	E-DET 7E	BASE	233.00	12.700	17.500	136	0.000	0.451	5.8	39.4
10YR-72HR	EA-7ED	BASE	233.00	12.700	17.500	24400	0.451	0.024	39.4	-7.4
10YR-72HR	EB-ME 104	BASE	233.00	12.700	17.500	6918	-0.015	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	233.00	12.682	17.500	174	0.031	15.265	-11.0	313.4
10YR-72HR	F-DET 7W	BASE	233.00	12.698	17.500	143	0.000	-1.509	8.8	-71.6
10YR-72HR	FA-7WD	BASE	233.00	12.699	17.500	28650	-1.469	0.071	-77.9	12.4
10YR-72HR	FB-7WD	BASE	233.00	12.699	17.500	553	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	233.00	12.699	17.500	11384	0.071	0.083	13.3	8.9
10YR-72HR	G-DET 8E	BASE	233.00	12.676	17.500	139	0.000	0.498	5.1	49.5
10YR-72HR	GA-8ED	BASE	233.00	12.675	17.500	13178	0.498	0.009	49.5	2.7
10YR-72HR	GB-CS 28	BASE	233.00	12.675	17.500	3573	0.013	0.017	10.1	11.0
10YR-72HR	H-DET 8W	BASE	233.00	12.675	17.500	139	0.000	-0.497	6.0	-37.8
10YR-72HR	HA-8WD	BASE	233.00	12.675	17.500	14724	-0.502	0.008	-45.2	0.4
10YR-72HR	HB-CS 5	BASE	233.00	12.675	17.500	5119	0.008	0.012	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	233.00	12.673	17.500	214	0.000	1.065	3.3	50.5
10YR-72HR	IA-3	BASE	233.00	12.668	17.500	362	7.409	-3.610	172.7	-79.1
10YR-72HR	J-BLDG A	BASE	233.00	12.672	17.500	214	0.000	-0.941	5.9	-34.6
10YR-72HR	JA-1	BASE	233.00	12.676	17.500	388	-4.550	4.422	-113.8	89.7
10YR-72HR	K-LAKE-2	BASE	233.00	12.673	17.500	89517	-5.092	0.267	-77.2	21.7
10YR-72HR	KA-21	BASE	233.00	12.666	17.500	293	4.422	-12.274	89.7	-229.4
10YR-72HR	L-LAKE 1	BASE	233.00	12.674	17.500	245351	-6.983	0.000	-128.3	0.0
10YR-72HR	M-LAKE 3	BASE	233.00	12.670	17.500	106001	8.938	0.319	205.0	36.9
10YR-72HR	N-PreDev	BASE	233.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	233.00	4.500	14.500	0	0.586	0.000	58.6	0.0
10YR-72HR	A-DET 6	BASE	235.00	12.692	17.500	311	0.000	0.082	5.2	13.3
10YR-72HR	AA-6D	BASE	235.00	12.692	17.500	20621	0.082	0.007	13.3	-29.0
10YR-72HR	AB-65	BASE	235.00	12.692	17.500	10884	-0.013	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	235.00	12.692	17.500	10086	-0.009	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	235.00	12.692	17.500	136	0.000	-0.443	7.5	-24.2
10YR-72HR	BA-5ED	BASE	235.00	12.692	17.500	28786	-0.443	0.037	-24.2	19.5
10YR-72HR	BB-56	BASE	235.00	12.692	17.500	8049	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	235.00	12.693	17.500	143	0.000	1.491	8.1	75.3
10YR-72HR	CA-5WD	BASE	235.00	12.692	17.500	29557	1.528	0.065	80.8	-3.6
10YR-72HR	CB-54	BASE	235.00	12.692	17.500	8705	0.065	0.075	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	235.00	12.692	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	235.00	12.692	17.500	23583	0.075	0.099	8.5	9.1
10YR-72HR	E-DET 7E	BASE	235.00	12.693	17.500	136	0.000	0.443	5.8	39.5
10YR-72HR	EA-7ED	BASE	235.00	12.692	17.500	24361	0.443	0.023	39.5	-7.4
10YR-72HR	EB-ME 104	BASE	235.00	12.692	17.500	6907	-0.014	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	235.00	12.677	17.500	174	0.029	15.264	-11.0	315.9
10YR-72HR	F-DET 7W	BASE	235.00	12.691	17.500	143	0.000	-1.491	8.8	-71.8
10YR-72HR	FA-7WD	BASE	235.00	12.692	17.500	28604	-1.453	0.068	-78.1	12.5
10YR-72HR	FB-7WD	BASE	235.00	12.691	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	235.00	12.691	17.500	11366	0.068	0.080	13.3	8.9
10YR-72HR	G-DET 8E	BASE	235.00	12.670	17.500	138	0.000	0.491	5.1	49.6
10YR-72HR	GA-8ED	BASE	235.00	12.670	17.500	13146	0.491	0.009	49.6	2.7
10YR-72HR	GB-CS 28	BASE	235.00	12.670	17.500	3565	0.013	0.016	10.1	11.0
10YR-72HR	H-DET 8W	BASE	235.00	12.670	17.500	138	0.000	-0.490	6.0	-37.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	HA-8WD	BASE	235.00	12.670	17.500	14689	-0.495	0.008	-45.3	0.4
10YR-72HR	HB-CS 5	BASE	235.00	12.670	17.500	5107	0.008	0.012	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	235.00	12.667	17.500	214	0.000	1.057	3.3	50.6
10YR-72HR	IA-3	BASE	235.00	12.663	17.500	362	7.407	-3.603	173.9	-79.7
10YR-72HR	J-BLDG A	BASE	235.00	12.667	17.500	214	0.000	-0.933	5.9	-34.8
10YR-72HR	JA-1	BASE	235.00	12.670	17.500	388	-4.536	4.428	-114.5	90.4
10YR-72HR	K-LAKE-2	BASE	235.00	12.668	17.500	89492	-5.099	0.259	-78.1	21.7
10YR-72HR	KA-21	BASE	235.00	12.661	17.500	293	4.428	-12.269	90.4	-231.4
10YR-72HR	L-LAKE 1	BASE	235.00	12.669	17.500	245293	-6.979	0.000	-129.5	0.0
10YR-72HR	M-LAKE 3	BASE	235.00	12.665	17.500	105992	8.930	0.309	206.5	37.0
10YR-72HR	N-PreDev	BASE	235.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	235.00	4.500	14.500	0	0.568	0.000	58.7	0.0
10YR-72HR	A-DET 6	BASE	237.00	12.685	17.500	311	0.000	0.080	5.2	13.3
10YR-72HR	AA-6D	BASE	237.00	12.685	17.500	20588	0.080	0.007	13.3	-29.0
10YR-72HR	AB-65	BASE	237.00	12.685	17.500	10866	-0.012	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	237.00	12.685	17.500	10070	-0.009	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	237.00	12.685	17.500	136	0.000	-0.435	7.5	-24.2
10YR-72HR	BA-5ED	BASE	237.00	12.685	17.500	28747	-0.435	0.035	-24.2	19.5
10YR-72HR	BB-56	BASE	237.00	12.685	17.500	8039	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	237.00	12.686	17.500	143	0.000	1.474	8.1	75.6
10YR-72HR	CA-5WD	BASE	237.00	12.685	17.500	29517	1.509	0.063	81.0	-3.6
10YR-72HR	CB-54	BASE	237.00	12.685	17.500	8693	0.063	0.071	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	237.00	12.685	17.500	438	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	237.00	12.685	17.500	23564	0.071	0.095	8.5	9.2
10YR-72HR	E-DET 7E	BASE	237.00	12.686	17.500	136	0.000	0.436	5.8	39.6
10YR-72HR	EA-7ED	BASE	237.00	12.685	17.500	24323	0.436	0.022	39.6	-7.4
10YR-72HR	EB-ME 104	BASE	237.00	12.685	17.500	6897	-0.014	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	237.00	12.672	17.500	174	0.027	15.262	-11.0	318.5
10YR-72HR	F-DET 7W	BASE	237.00	12.683	17.500	143	0.000	-1.474	8.8	-72.1
10YR-72HR	FA-7WD	BASE	237.00	12.685	17.500	28559	-1.438	0.065	-78.4	12.5
10YR-72HR	FB-7WD	BASE	237.00	12.684	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	237.00	12.684	17.500	11349	0.065	0.076	13.3	8.9
10YR-72HR	G-DET 8E	BASE	237.00	12.665	17.500	138	0.000	0.485	5.1	49.7
10YR-72HR	GA-8ED	BASE	237.00	12.665	17.500	13116	0.485	0.009	49.7	2.7
10YR-72HR	GB-CS 28	BASE	237.00	12.665	17.500	3557	0.013	0.016	10.1	11.0
10YR-72HR	H-DET 8W	BASE	237.00	12.664	17.500	138	0.000	-0.484	6.0	-38.0
10YR-72HR	HA-8WD	BASE	237.00	12.665	17.500	14655	-0.488	0.008	-45.4	0.4
10YR-72HR	HB-CS 5	BASE	237.00	12.665	17.500	5095	0.008	0.011	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	237.00	12.662	17.500	214	0.000	1.049	3.3	50.8
10YR-72HR	IA-3	BASE	237.00	12.658	17.500	362	7.404	-3.596	175.1	-80.3
10YR-72HR	J-BLDG A	BASE	237.00	12.662	17.500	214	0.000	-0.926	5.9	-35.0
10YR-72HR	JA-1	BASE	237.00	12.665	17.500	388	-4.522	4.434	-115.3	91.1
10YR-72HR	K-LAKE-2	BASE	237.00	12.662	17.500	89468	-5.106	0.251	-78.9	21.8
10YR-72HR	KA-21	BASE	237.00	12.656	17.500	293	4.434	-12.265	91.1	-233.4
10YR-72HR	L-LAKE 1	BASE	237.00	12.664	17.500	245236	-6.976	0.000	-130.6	0.0
10YR-72HR	M-LAKE 3	BASE	237.00	12.660	17.500	105982	8.922	0.299	207.9	37.0
10YR-72HR	N-PreDev	BASE	237.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	237.00	4.500	14.500	0	0.551	0.000	58.8	0.0
10YR-72HR	A-DET 6	BASE	239.00	12.678	17.500	311	0.000	0.079	5.2	13.3
10YR-72HR	AA-6D	BASE	239.00	12.678	17.500	20557	0.079	0.014	13.3	-29.0
10YR-72HR	AB-65	BASE	239.00	12.678	17.500	10850	-0.012	0.000	-2.6	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	239.00	12.678	17.500	10054	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	239.00	12.678	17.500	136	0.000	-0.428	7.5	-24.3
10YR-72HR	BA-5ED	BASE	239.00	12.678	17.500	28710	-0.428	0.034	-24.3	19.5
10YR-72HR	BB-56	BASE	239.00	12.678	17.500	8028	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	239.00	12.679	17.500	143	0.000	1.458	8.1	75.8
10YR-72HR	CA-5WD	BASE	239.00	12.678	17.500	29479	1.492	0.060	81.3	-3.6
10YR-72HR	CB-54	BASE	239.00	12.678	17.500	8682	0.060	0.069	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	239.00	12.678	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	239.00	12.678	17.500	23546	0.069	0.091	8.5	9.2
10YR-72HR	E-DET 7E	BASE	239.00	12.679	17.500	136	0.000	0.429	5.8	39.6
10YR-72HR	EA-7ED	BASE	239.00	12.678	17.500	24286	0.429	0.021	39.6	-7.4
10YR-72HR	EB-ME 104	BASE	239.00	12.678	17.500	6887	-0.013	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	239.00	12.667	17.500	174	0.026	15.260	-11.0	321.0
10YR-72HR	F-DET 7W	BASE	239.00	12.677	17.500	143	0.000	-1.458	8.8	-72.3
10YR-72HR	FA-7WD	BASE	239.00	12.678	17.500	28516	-1.423	0.062	-78.6	12.5
10YR-72HR	FB-7WD	BASE	239.00	12.677	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	239.00	12.677	17.500	11332	0.062	0.073	13.3	8.9
10YR-72HR	G-DET 8E	BASE	239.00	12.660	17.500	138	0.000	0.479	5.1	49.7
10YR-72HR	GA-8ED	BASE	239.00	12.659	17.500	13087	0.479	0.008	49.7	2.7
10YR-72HR	GB-CS 28	BASE	239.00	12.659	17.500	3549	0.013	0.015	10.1	11.0
10YR-72HR	H-DET 8W	BASE	239.00	12.659	17.500	138	0.000	-0.478	6.0	-38.1
10YR-72HR	HA-8WD	BASE	239.00	12.659	17.500	14622	-0.482	0.008	-45.4	0.4
10YR-72HR	HB-CS 5	BASE	239.00	12.659	17.500	5084	0.008	0.011	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	239.00	12.657	17.500	214	0.000	1.041	3.3	51.0
10YR-72HR	IA-3	BASE	239.00	12.653	17.500	362	7.402	-3.590	176.3	-80.9
10YR-72HR	J-BLDG A	BASE	239.00	12.656	17.500	214	0.000	-0.919	5.9	-35.1
10YR-72HR	JA-1	BASE	239.00	12.660	17.500	388	-4.509	4.440	-116.0	91.9
10YR-72HR	K-LAKE-2	BASE	239.00	12.657	17.500	89444	-5.112	0.244	-79.8	21.8
10YR-72HR	KA-21	BASE	239.00	12.651	17.500	293	4.440	-12.260	91.9	-235.5
10YR-72HR	L-LAKE 1	BASE	239.00	12.658	17.500	245181	-6.973	0.000	-131.8	0.0
10YR-72HR	M-LAKE 3	BASE	239.00	12.655	17.500	105973	8.915	0.290	209.4	37.1
10YR-72HR	N-PreDev	BASE	239.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	239.00	4.500	14.500	0	0.534	0.000	58.9	0.0
10YR-72HR	A-DET 6	BASE	241.00	12.672	17.500	311	0.000	0.078	5.2	13.3
10YR-72HR	AA-6D	BASE	241.00	12.672	17.500	20527	0.078	0.005	13.3	-29.0
10YR-72HR	AB-65	BASE	241.00	12.672	17.500	10834	-0.011	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	241.00	12.672	17.500	10040	-0.007	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	241.00	12.671	17.500	136	0.000	-0.421	7.5	-24.4
10YR-72HR	BA-5ED	BASE	241.00	12.672	17.500	28675	-0.421	0.032	-24.4	19.5
10YR-72HR	BB-56	BASE	241.00	12.672	17.500	8019	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	241.00	12.673	17.500	143	0.000	1.443	8.1	76.1
10YR-72HR	CA-5WD	BASE	241.00	12.672	17.500	29443	1.475	0.058	81.5	-3.6
10YR-72HR	CB-54	BASE	241.00	12.671	17.500	8671	0.058	0.066	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	241.00	12.671	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	241.00	12.671	17.500	23529	0.066	0.087	8.6	9.2
10YR-72HR	E-DET 7E	BASE	241.00	12.672	17.500	136	0.000	0.422	5.8	39.7
10YR-72HR	EA-7ED	BASE	241.00	12.672	17.500	24252	0.422	0.020	39.7	-7.4
10YR-72HR	EB-ME 104	BASE	241.00	12.672	17.500	6877	-0.013	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	241.00	12.662	17.500	174	0.024	15.259	-11.0	323.5
10YR-72HR	F-DET 7W	BASE	241.00	12.670	17.500	143	0.000	-1.442	8.8	-72.5
10YR-72HR	FA-7WD	BASE	241.00	12.671	17.500	28475	-1.409	0.059	-78.8	12.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	241.00	12.671	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	241.00	12.671	17.500	11317	0.059	0.070	13.4	8.9
10YR-72HR	G-DET 8E	BASE	241.00	12.655	17.500	138	0.000	0.473	5.1	49.8
10YR-72HR	GA-8ED	BASE	241.00	12.654	17.500	13058	0.473	0.008	49.8	2.7
10YR-72HR	GB-CS 28	BASE	241.00	12.654	17.500	3541	0.012	0.015	10.1	11.0
10YR-72HR	H-DET 8W	BASE	241.00	12.654	17.500	138	0.000	-0.472	6.0	-38.2
10YR-72HR	HA-8WD	BASE	241.00	12.654	17.500	14590	-0.476	0.007	-45.5	0.4
10YR-72HR	HB-CS 5	BASE	241.00	12.654	17.500	5073	0.007	0.011	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	241.00	12.652	17.500	214	0.000	1.034	3.3	51.2
10YR-72HR	IA-3	BASE	241.00	12.648	17.500	362	7.400	-3.583	177.6	-81.5
10YR-72HR	J-BLDG A	BASE	241.00	12.652	17.500	214	0.000	-0.912	5.9	-35.3
10YR-72HR	JA-1	BASE	241.00	12.655	17.500	388	-4.496	4.445	-116.8	92.6
10YR-72HR	K-LAKE-2	BASE	241.00	12.652	17.500	89420	-5.119	0.236	-80.6	21.9
10YR-72HR	KA-21	BASE	241.00	12.646	17.500	293	4.445	-12.256	92.6	-237.5
10YR-72HR	L-LAKE 1	BASE	241.00	12.653	17.500	245127	-6.969	0.000	-132.9	0.0
10YR-72HR	M-LAKE 3	BASE	241.00	12.650	17.500	105964	8.908	0.281	210.9	37.1
10YR-72HR	N-PreDev	BASE	241.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	241.00	4.500	14.500	0	0.517	0.000	59.0	0.0
10YR-72HR	A-DET 6	BASE	243.00	12.665	17.500	310	0.000	0.076	5.2	13.3
10YR-72HR	AA-6D	BASE	243.00	12.665	17.500	20498	0.076	0.004	13.3	-29.0
10YR-72HR	AB-65	BASE	243.00	12.665	17.500	10819	-0.011	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	243.00	12.665	17.500	10026	-0.007	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	243.00	12.665	17.500	136	0.000	-0.415	7.5	-24.4
10YR-72HR	BA-5ED	BASE	243.00	12.665	17.500	28641	-0.415	0.031	-24.4	19.5
10YR-72HR	BB-56	BASE	243.00	12.665	17.500	8009	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	243.00	12.666	17.500	143	0.000	1.428	8.1	76.3
10YR-72HR	CA-5WD	BASE	243.00	12.665	17.500	29408	1.459	0.055	81.8	-3.6
10YR-72HR	CB-54	BASE	243.00	12.665	17.500	8661	0.055	0.067	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	243.00	12.665	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	243.00	12.665	17.500	23512	0.067	0.084	8.6	9.2
10YR-72HR	E-DET 7E	BASE	243.00	12.666	17.500	136	0.000	0.416	5.8	39.8
10YR-72HR	EA-7ED	BASE	243.00	12.665	17.500	24218	0.416	0.020	39.8	-7.4
10YR-72HR	EB-ME 104	BASE	243.00	12.665	17.500	6868	-0.012	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	243.00	12.657	17.500	174	0.022	15.258	-11.0	326.0
10YR-72HR	F-DET 7W	BASE	243.00	12.664	17.500	143	0.000	-1.428	8.8	-72.8
10YR-72HR	FA-7WD	BASE	243.00	12.665	17.500	28436	-1.396	0.057	-79.1	12.5
10YR-72HR	FB-7WD	BASE	243.00	12.664	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	243.00	12.664	17.500	11302	0.057	0.067	13.4	8.9
10YR-72HR	G-DET 8E	BASE	243.00	12.650	17.500	138	0.000	0.467	5.1	49.9
10YR-72HR	GA-8ED	BASE	243.00	12.649	17.500	13029	0.467	0.008	49.9	2.7
10YR-72HR	GB-CS 28	BASE	243.00	12.649	17.500	3534	0.012	0.015	10.1	11.0
10YR-72HR	H-DET 8W	BASE	243.00	12.649	17.500	138	0.000	-0.466	6.0	-38.2
10YR-72HR	HA-8WD	BASE	243.00	12.649	17.500	14558	-0.470	0.007	-45.6	0.4
10YR-72HR	HB-CS 5	BASE	243.00	12.649	17.500	5062	0.007	0.010	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	243.00	12.647	17.500	214	0.000	1.026	3.3	51.3
10YR-72HR	IA-3	BASE	243.00	12.643	17.500	362	7.397	-3.577	178.8	-82.1
10YR-72HR	J-BLDG A	BASE	243.00	12.647	17.500	214	0.000	-0.906	5.9	-35.4
10YR-72HR	JA-1	BASE	243.00	12.650	17.500	388	-4.483	4.450	-117.5	93.3
10YR-72HR	K-LAKE-2	BASE	243.00	12.647	17.500	89397	-5.125	0.229	-81.5	21.9
10YR-72HR	KA-21	BASE	243.00	12.641	17.500	293	4.450	-12.251	93.3	-239.5
10YR-72HR	L-LAKE 1	BASE	243.00	12.649	17.500	245074	-6.966	0.000	-134.1	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	243.00	12.645	17.500	105956	8.901	0.272	212.4	37.2
10YR-72HR	N-PreDev	BASE	243.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	243.00	4.500	14.500	0	0.502	0.000	59.1	0.0
10YR-72HR	A-DET 6	BASE	245.00	12.659	17.500	310	0.000	0.075	5.2	13.4
10YR-72HR	AA-6D	BASE	245.00	12.659	17.500	20470	0.075	0.004	13.4	-29.0
10YR-72HR	AB-65	BASE	245.00	12.659	17.500	10804	-0.010	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	245.00	12.659	17.500	10012	-0.006	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	245.00	12.659	17.500	136	0.000	-0.409	7.5	-24.5
10YR-72HR	BA-5ED	BASE	245.00	12.659	17.500	28608	-0.409	0.030	-24.5	19.5
10YR-72HR	BB-56	BASE	245.00	12.659	17.500	8000	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	245.00	12.660	17.500	142	0.000	1.414	8.1	76.5
10YR-72HR	CA-5WD	BASE	245.00	12.659	17.500	29375	1.444	0.053	82.0	-3.6
10YR-72HR	CB-54	BASE	245.00	12.659	17.500	8651	0.053	0.000	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	245.00	12.659	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	245.00	12.659	17.500	23496	0.000	0.080	8.6	9.2
10YR-72HR	E-DET 7E	BASE	245.00	12.660	17.500	136	0.000	0.410	5.8	39.9
10YR-72HR	EA-7ED	BASE	245.00	12.659	17.500	24186	0.410	0.019	39.9	-7.3
10YR-72HR	EB-ME 104	BASE	245.00	12.659	17.500	6859	-0.011	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	245.00	12.652	17.500	174	0.020	15.256	-11.0	328.5
10YR-72HR	F-DET 7W	BASE	245.00	12.658	17.500	142	0.000	-1.414	8.8	-73.0
10YR-72HR	FA-7WD	BASE	245.00	12.659	17.500	28398	-1.383	0.054	-79.3	12.5
10YR-72HR	FB-7WD	BASE	245.00	12.658	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	245.00	12.658	17.500	11287	0.054	0.064	13.4	8.9
10YR-72HR	G-DET 8E	BASE	245.00	12.645	17.500	138	0.000	0.461	5.1	50.0
10YR-72HR	GA-8ED	BASE	245.00	12.645	17.500	13002	0.461	0.008	50.0	2.7
10YR-72HR	GB-CS 28	BASE	245.00	12.644	17.500	3526	0.012	0.014	10.1	11.0
10YR-72HR	H-DET 8W	BASE	245.00	12.644	17.500	138	0.000	-0.461	6.0	-38.3
10YR-72HR	HA-8WD	BASE	245.00	12.645	17.500	14527	-0.464	0.007	-45.7	0.4
10YR-72HR	HB-CS 5	BASE	245.00	12.644	17.500	5051	0.007	0.010	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	245.00	12.643	17.500	213	0.000	1.019	3.3	51.5
10YR-72HR	IA-3	BASE	245.00	12.638	17.500	362	7.395	-3.572	180.0	-82.7
10YR-72HR	J-BLDG A	BASE	245.00	12.642	17.500	214	0.000	-0.899	5.9	-35.6
10YR-72HR	JA-1	BASE	245.00	12.645	17.500	387	-4.471	4.455	-118.2	94.1
10YR-72HR	K-LAKE-2	BASE	245.00	12.643	17.500	89375	-5.130	0.222	-82.3	21.9
10YR-72HR	KA-21	BASE	245.00	12.636	17.500	293	4.455	-12.247	94.1	-241.5
10YR-72HR	L-LAKE 1	BASE	245.00	12.644	17.500	245023	-6.963	0.000	-135.2	0.0
10YR-72HR	M-LAKE 3	BASE	245.00	12.641	17.500	105947	8.895	0.264	213.8	37.2
10YR-72HR	N-PreDev	BASE	245.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	245.00	4.500	14.500	0	0.486	0.000	59.2	0.0
10YR-72HR	A-DET 6	BASE	247.00	12.654	17.500	310	0.000	0.074	5.2	13.4
10YR-72HR	AA-6D	BASE	247.00	12.654	17.500	20443	0.074	0.003	13.4	-29.0
10YR-72HR	AB-65	BASE	247.00	12.654	17.500	10790	-0.010	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	247.00	12.654	17.500	9999	-0.006	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	247.00	12.653	17.500	136	0.000	-0.403	7.5	-24.6
10YR-72HR	BA-5ED	BASE	247.00	12.654	17.500	28577	-0.403	0.028	-24.6	19.5
10YR-72HR	BB-56	BASE	247.00	12.654	17.500	7991	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	247.00	12.655	17.500	142	0.000	1.401	8.1	76.8
10YR-72HR	CA-5WD	BASE	247.00	12.653	17.500	29342	1.429	0.051	82.2	-3.6
10YR-72HR	CB-54	BASE	247.00	12.653	17.500	8642	0.051	0.066	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	247.00	12.653	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	247.00	12.653	17.500	23480	0.066	0.077	8.6	9.2

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	E-DET 7E	BASE	247.00	12.654	17.500	136	0.000	0.404	5.8	39.9
10YR-72HR	EA-7ED	BASE	247.00	12.654	17.500	24155	0.404	0.018	39.9	-7.3
10YR-72HR	EB-ME 104	BASE	247.00	12.654	17.500	6850	-0.011	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	247.00	12.648	17.500	174	0.018	15.255	-11.0	331.1
10YR-72HR	F-DET 7W	BASE	247.00	12.652	17.500	142	0.000	-1.400	8.8	-73.3
10YR-72HR	FA-7WD	BASE	247.00	12.653	17.500	28362	-1.371	0.052	-79.5	12.5
10YR-72HR	FB-7WD	BASE	247.00	12.652	17.500	552	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	247.00	12.652	17.500	11273	0.052	0.061	13.4	8.9
10YR-72HR	G-DET 8E	BASE	247.00	12.640	17.500	138	0.000	0.456	5.1	50.1
10YR-72HR	GA-8ED	BASE	247.00	12.640	17.500	12975	0.456	0.008	50.1	2.7
10YR-72HR	GB-CS 28	BASE	247.00	12.640	17.500	3519	0.011	0.014	10.1	11.0
10YR-72HR	H-DET 8W	BASE	247.00	12.639	17.500	138	0.000	-0.455	6.0	-38.4
10YR-72HR	HA-8WD	BASE	247.00	12.640	17.500	14497	-0.459	0.007	-45.8	0.4
10YR-72HR	HB-CS 5	BASE	247.00	12.640	17.500	5041	0.007	0.010	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	247.00	12.638	17.500	213	0.000	1.012	3.3	51.7
10YR-72HR	IA-3	BASE	247.00	12.634	17.500	362	7.392	-3.566	181.2	-83.3
10YR-72HR	J-BLDG A	BASE	247.00	12.637	17.500	213	0.000	-0.893	5.9	-35.7
10YR-72HR	JA-1	BASE	247.00	12.641	17.500	387	-4.459	4.460	-119.0	94.8
10YR-72HR	K-LAKE-2	BASE	247.00	12.638	17.500	89353	-5.136	0.216	-83.2	22.0
10YR-72HR	KA-21	BASE	247.00	12.631	17.500	293	4.460	-12.243	94.8	-243.6
10YR-72HR	L-LAKE 1	BASE	247.00	12.639	17.500	244972	-6.960	0.000	-136.4	0.0
10YR-72HR	M-LAKE 3	BASE	247.00	12.636	17.500	105939	8.889	0.256	215.3	37.3
10YR-72HR	N-PreDev	BASE	247.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	247.00	4.500	14.500	0	0.472	0.000	59.2	0.0
10YR-72HR	A-DET 6	BASE	249.00	12.648	17.500	310	0.000	0.073	5.2	13.4
10YR-72HR	AA-6D	BASE	249.00	12.648	17.500	20418	0.073	0.002	13.4	-29.0
10YR-72HR	AB-65	BASE	249.00	12.648	17.500	10776	-0.009	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	249.00	12.648	17.500	9987	-0.006	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	249.00	12.648	17.500	136	0.000	-0.398	7.5	-24.6
10YR-72HR	BA-5ED	BASE	249.00	12.648	17.500	28547	-0.398	0.027	-24.6	19.5
10YR-72HR	BB-56	BASE	249.00	12.648	17.500	7983	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	249.00	12.649	17.500	142	0.000	1.388	8.1	77.0
10YR-72HR	CA-5WD	BASE	249.00	12.648	17.500	29312	1.415	0.049	82.5	-3.6
10YR-72HR	CB-54	BASE	249.00	12.647	17.500	8633	0.049	0.063	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	249.00	12.647	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	249.00	12.647	17.500	23465	0.063	0.074	8.6	9.2
10YR-72HR	E-DET 7E	BASE	249.00	12.648	17.500	136	0.000	0.398	5.8	40.0
10YR-72HR	EA-7ED	BASE	249.00	12.648	17.500	24126	0.398	0.018	40.0	-7.3
10YR-72HR	EB-ME 104	BASE	249.00	12.648	17.500	6842	-0.010	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	249.00	12.643	17.500	174	0.017	15.254	-11.0	333.6
10YR-72HR	F-DET 7W	BASE	249.00	12.646	17.500	142	0.000	-1.388	8.8	-73.5
10YR-72HR	FA-7WD	BASE	249.00	12.648	17.500	28327	-1.360	0.050	-79.7	12.5
10YR-72HR	FB-7WD	BASE	249.00	12.647	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	249.00	12.647	17.500	11260	0.050	0.059	13.4	8.9
10YR-72HR	G-DET 8E	BASE	249.00	12.636	17.500	138	0.000	0.451	5.1	50.1
10YR-72HR	GA-8ED	BASE	249.00	12.635	17.500	12949	0.451	0.008	50.1	2.7
10YR-72HR	GB-CS 28	BASE	249.00	12.635	17.500	3512	0.011	0.014	10.1	11.0
10YR-72HR	H-DET 8W	BASE	249.00	12.635	17.500	138	0.000	-0.450	6.0	-38.5
10YR-72HR	HA-8WD	BASE	249.00	12.635	17.500	14468	-0.454	0.006	-45.8	0.4
10YR-72HR	HB-CS 5	BASE	249.00	12.635	17.500	5031	0.006	0.009	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	249.00	12.633	17.500	213	0.000	1.005	3.3	51.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	249.00	12.629	17.500	362	7.390	-3.561	182.5	-83.9
10YR-72HR	J-BLDG A	BASE	249.00	12.633	17.500	213	0.000	-0.887	5.9	-35.9
10YR-72HR	JA-1	BASE	249.00	12.636	17.500	387	-4.448	4.464	-119.7	95.5
10YR-72HR	K-LAKE-2	BASE	249.00	12.634	17.500	89332	-5.141	0.209	-84.0	22.0
10YR-72HR	KA-21	BASE	249.00	12.627	17.500	293	4.464	-12.239	95.5	-245.6
10YR-72HR	L-LAKE 1	BASE	249.00	12.635	17.500	244923	-6.956	0.000	-137.5	0.0
10YR-72HR	M-LAKE 3	BASE	249.00	12.632	17.500	105931	8.883	0.248	216.8	37.3
10YR-72HR	N-PreDev	BASE	249.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	249.00	4.500	14.500	0	0.458	0.000	59.3	0.0
10YR-72HR	A-DET 6	BASE	251.00	12.643	17.500	310	0.000	0.072	5.2	13.4
10YR-72HR	AA-6D	BASE	251.00	12.643	17.500	20393	0.072	0.001	13.4	-29.0
10YR-72HR	AB-65	BASE	251.00	12.643	17.500	10763	-0.008	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	251.00	12.643	17.500	9975	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	251.00	12.642	17.500	136	0.000	-0.393	7.5	-24.7
10YR-72HR	BA-5ED	BASE	251.00	12.643	17.500	28518	-0.393	0.026	-24.7	19.5
10YR-72HR	BB-56	BASE	251.00	12.643	17.500	7975	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	251.00	12.644	17.500	142	0.000	1.376	8.1	77.2
10YR-72HR	CA-5WD	BASE	251.00	12.642	17.500	29282	1.402	0.047	82.7	-3.6
10YR-72HR	CB-54	BASE	251.00	12.642	17.500	8624	0.047	0.000	-3.6	7.7
10YR-72HR	D-DET 4N	BASE	251.00	12.642	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	251.00	12.642	17.500	23451	0.000	0.071	8.6	9.3
10YR-72HR	E-DET 7E	BASE	251.00	12.643	17.500	136	0.000	0.393	5.8	40.0
10YR-72HR	EA-7ED	BASE	251.00	12.643	17.500	24097	0.393	0.017	40.0	-7.3
10YR-72HR	EB-ME 104	BASE	251.00	12.643	17.500	6834	-0.010	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	251.00	12.639	17.500	174	0.015	15.253	-11.0	336.1
10YR-72HR	F-DET 7W	BASE	251.00	12.641	17.500	142	0.000	-1.375	8.8	-73.7
10YR-72HR	FA-7WD	BASE	251.00	12.642	17.500	28294	-1.349	0.048	-80.0	12.5
10YR-72HR	FB-7WD	BASE	251.00	12.641	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	251.00	12.641	17.500	11247	0.048	0.056	13.4	9.0
10YR-72HR	G-DET 8E	BASE	251.00	12.631	17.500	138	0.000	0.446	5.1	50.2
10YR-72HR	GA-8ED	BASE	251.00	12.631	17.500	12923	0.446	0.008	50.2	2.7
10YR-72HR	GB-CS 28	BASE	251.00	12.631	17.500	3505	0.011	0.013	10.1	11.0
10YR-72HR	H-DET 8W	BASE	251.00	12.630	17.500	138	0.000	-0.445	6.0	-38.5
10YR-72HR	HA-8WD	BASE	251.00	12.631	17.500	14439	-0.448	0.006	-45.9	0.4
10YR-72HR	HB-CS 5	BASE	251.00	12.631	17.500	5021	0.006	0.009	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	251.00	12.629	17.500	213	0.000	0.999	3.3	52.0
10YR-72HR	IA-3	BASE	251.00	12.625	17.500	361	7.387	-3.556	183.7	-84.5
10YR-72HR	J-BLDG A	BASE	251.00	12.628	17.500	213	0.000	-0.881	5.9	-36.0
10YR-72HR	JA-1	BASE	251.00	12.632	17.500	387	-4.437	4.468	-120.4	96.3
10YR-72HR	K-LAKE-2	BASE	251.00	12.629	17.500	89311	-5.146	0.203	-84.9	22.0
10YR-72HR	KA-21	BASE	251.00	12.622	17.500	293	4.468	-12.236	96.3	-247.6
10YR-72HR	L-LAKE 1	BASE	251.00	12.630	17.500	244875	-6.953	0.000	-138.7	0.0
10YR-72HR	M-LAKE 3	BASE	251.00	12.627	17.500	105923	8.877	0.241	218.2	37.3
10YR-72HR	N-PreDev	BASE	251.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	251.00	4.500	14.500	0	0.444	0.000	59.4	0.0
10YR-72HR	A-DET 6	BASE	253.00	12.638	17.500	310	0.000	0.071	5.2	13.4
10YR-72HR	AA-6D	BASE	253.00	12.638	17.500	20369	0.071	-0.000	13.4	-29.0
10YR-72HR	AB-65	BASE	253.00	12.638	17.500	10751	-0.008	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	253.00	12.638	17.500	9963	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	253.00	12.637	17.500	136	0.000	-0.388	7.5	-24.8
10YR-72HR	BA-5ED	BASE	253.00	12.638	17.500	28490	-0.388	0.026	-24.8	19.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	BB-56	BASE	253.00	12.638	17.500	7967	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	253.00	12.638	17.500	142	0.000	1.364	8.1	77.5
10YR-72HR	CA-5WD	BASE	253.00	12.637	17.500	29253	1.389	0.046	82.9	-3.5
10YR-72HR	CB-54	BASE	253.00	12.637	17.500	8616	0.046	0.064	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	253.00	12.637	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	253.00	12.637	17.500	23437	0.064	0.069	8.6	9.3
10YR-72HR	E-DET 7E	BASE	253.00	12.638	17.500	136	0.000	0.388	5.8	40.1
10YR-72HR	EA-7ED	BASE	253.00	12.638	17.500	24070	0.388	0.016	40.1	-7.3
10YR-72HR	EB-ME 104	BASE	253.00	12.638	17.500	6826	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	253.00	12.634	17.500	174	0.013	15.251	-11.0	338.6
10YR-72HR	F-DET 7W	BASE	253.00	12.636	17.500	142	0.000	-1.364	8.8	-73.9
10YR-72HR	FA-7WD	BASE	253.00	12.637	17.500	28262	-1.338	0.046	-80.2	12.5
10YR-72HR	FB-7WD	BASE	253.00	12.636	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	253.00	12.636	17.500	11234	0.046	0.054	13.4	9.0
10YR-72HR	G-DET 8E	BASE	253.00	12.627	17.500	138	0.000	0.441	5.1	50.3
10YR-72HR	GA-8ED	BASE	253.00	12.626	17.500	12898	0.441	0.007	50.3	2.7
10YR-72HR	GB-CS 28	BASE	253.00	12.626	17.500	3499	0.011	0.013	10.1	11.0
10YR-72HR	H-DET 8W	BASE	253.00	12.626	17.500	138	0.000	-0.440	6.0	-38.6
10YR-72HR	HA-8WD	BASE	253.00	12.626	17.500	14411	-0.443	0.006	-46.0	0.4
10YR-72HR	HB-CS 5	BASE	253.00	12.626	17.500	5012	0.006	0.009	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	253.00	12.625	17.500	213	0.000	0.992	3.3	52.2
10YR-72HR	IA-3	BASE	253.00	12.620	17.500	361	7.385	-3.551	184.9	-85.0
10YR-72HR	J-BLDG A	BASE	253.00	12.624	17.500	213	0.000	-0.875	5.9	-36.1
10YR-72HR	JA-1	BASE	253.00	12.628	17.500	387	-4.426	4.472	-121.2	97.0
10YR-72HR	K-LAKE-2	BASE	253.00	12.625	17.500	89291	-5.151	0.197	-85.7	22.1
10YR-72HR	KA-21	BASE	253.00	12.618	17.500	293	4.472	-12.232	97.0	-249.6
10YR-72HR	L-LAKE 1	BASE	253.00	12.626	17.500	244829	-6.950	0.000	-139.8	0.0
10YR-72HR	M-LAKE 3	BASE	253.00	12.623	17.500	105916	8.872	0.234	219.7	37.4
10YR-72HR	N-PreDev	BASE	253.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	253.00	4.500	14.500	0	0.431	0.000	59.5	0.0
10YR-72HR	A-DET 6	BASE	255.00	12.633	17.500	309	0.000	0.070	5.2	13.4
10YR-72HR	AA-6D	BASE	255.00	12.633	17.500	20347	0.070	-0.001	13.4	-29.0
10YR-72HR	AB-65	BASE	255.00	12.633	17.500	10739	-0.007	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	255.00	12.633	17.500	9952	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	255.00	12.632	17.500	136	0.000	-0.383	7.5	-24.8
10YR-72HR	BA-5ED	BASE	255.00	12.633	17.500	28464	-0.383	0.025	-24.8	19.5
10YR-72HR	BB-56	BASE	255.00	12.633	17.500	7960	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	255.00	12.633	17.500	142	0.000	1.353	8.1	77.7
10YR-72HR	CA-5WD	BASE	255.00	12.632	17.500	29226	1.377	0.044	83.2	-3.5
10YR-72HR	CB-54	BASE	255.00	12.632	17.500	8608	0.044	0.064	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	255.00	12.632	17.500	437	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	255.00	12.632	17.500	23424	0.064	0.066	8.6	9.3
10YR-72HR	E-DET 7E	BASE	255.00	12.633	17.500	136	0.000	0.384	5.8	40.2
10YR-72HR	EA-7ED	BASE	255.00	12.633	17.500	24044	0.384	0.016	40.2	-7.3
10YR-72HR	EB-ME 104	BASE	255.00	12.633	17.500	6819	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	255.00	12.630	17.500	174	0.011	15.250	-11.0	341.1
10YR-72HR	F-DET 7W	BASE	255.00	12.631	17.500	142	0.000	-1.352	8.8	-74.2
10YR-72HR	FA-7WD	BASE	255.00	12.632	17.500	28231	-1.328	0.044	-80.4	12.5
10YR-72HR	FB-7WD	BASE	255.00	12.631	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	255.00	12.631	17.500	11222	0.044	0.052	13.4	9.0
10YR-72HR	G-DET 8E	BASE	255.00	12.622	17.500	138	0.000	0.436	5.1	50.3

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	GA-8ED	BASE	255.00	12.622	17.500	12874	0.436	0.007	50.3	2.7
10YR-72HR	GB-CS 28	BASE	255.00	12.622	17.500	3492	0.010	0.013	10.1	11.0
10YR-72HR	H-DET 8W	BASE	255.00	12.622	17.500	138	0.000	-0.435	6.0	-38.7
10YR-72HR	HA-8WD	BASE	255.00	12.622	17.500	14384	-0.439	0.006	-46.1	0.4
10YR-72HR	HB-CS 5	BASE	255.00	12.622	17.500	5002	0.006	0.009	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	255.00	12.621	17.500	213	0.000	0.986	3.3	52.3
10YR-72HR	IA-3	BASE	255.00	12.616	17.500	361	7.382	-3.546	186.1	-85.6
10YR-72HR	J-BLDG A	BASE	255.00	12.620	17.500	213	0.000	-0.869	5.9	-36.3
10YR-72HR	JA-1	BASE	255.00	12.623	17.500	387	-4.416	4.476	-121.9	97.8
10YR-72HR	K-LAKE-2	BASE	255.00	12.621	17.500	89271	-5.155	0.192	-86.6	22.1
10YR-72HR	KA-21	BASE	255.00	12.614	17.500	293	4.476	-12.229	97.8	-251.6
10YR-72HR	L-LAKE 1	BASE	255.00	12.622	17.500	244783	-6.947	0.000	-141.0	0.0
10YR-72HR	M-LAKE 3	BASE	255.00	12.619	17.500	105908	8.866	0.227	221.2	37.4
10YR-72HR	N-PreDev	BASE	255.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	255.00	4.500	14.500	0	0.418	0.000	59.5	0.0
10YR-72HR	A-DET 6	BASE	257.00	12.628	17.500	309	0.000	0.069	5.2	13.4
10YR-72HR	AA-6D	BASE	257.00	12.628	17.500	20325	0.069	-0.002	13.4	-29.0
10YR-72HR	AB-65	BASE	257.00	12.628	17.500	10727	-0.007	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	257.00	12.628	17.500	9942	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	257.00	12.628	17.500	136	0.000	-0.379	7.5	-24.9
10YR-72HR	BA-5ED	BASE	257.00	12.628	17.500	28438	-0.379	0.017	-24.9	19.5
10YR-72HR	BB-56	BASE	257.00	12.628	17.500	7953	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	257.00	12.629	17.500	142	0.000	1.342	8.1	77.9
10YR-72HR	CA-5WD	BASE	257.00	12.627	17.500	29199	1.366	0.043	83.4	-3.5
10YR-72HR	CB-54	BASE	257.00	12.627	17.500	8600	0.043	0.000	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	257.00	12.627	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	257.00	12.627	17.500	23411	0.000	0.064	8.6	9.3
10YR-72HR	E-DET 7E	BASE	257.00	12.628	17.500	136	0.000	0.379	5.8	40.2
10YR-72HR	EA-7ED	BASE	257.00	12.628	17.500	24018	0.379	0.015	40.2	-7.3
10YR-72HR	EB-ME 104	BASE	257.00	12.628	17.500	6812	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	257.00	12.626	17.500	174	0.009	15.249	-11.0	343.7
10YR-72HR	F-DET 7W	BASE	257.00	12.626	17.500	142	0.000	-1.341	8.8	-74.4
10YR-72HR	FA-7WD	BASE	257.00	12.627	17.500	28201	-1.318	0.043	-80.6	12.6
10YR-72HR	FB-7WD	BASE	257.00	12.626	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	257.00	12.626	17.500	11211	0.043	0.050	13.4	9.0
10YR-72HR	G-DET 8E	BASE	257.00	12.618	17.500	138	0.000	0.431	5.1	50.4
10YR-72HR	GA-8ED	BASE	257.00	12.618	17.500	12850	0.431	0.007	50.4	2.7
10YR-72HR	GB-CS 28	BASE	257.00	12.618	17.500	3486	0.010	0.012	10.1	11.0
10YR-72HR	H-DET 8W	BASE	257.00	12.617	17.500	138	0.000	-0.431	6.0	-38.8
10YR-72HR	HA-8WD	BASE	257.00	12.618	17.500	14358	-0.434	0.006	-46.1	0.4
10YR-72HR	HB-CS 5	BASE	257.00	12.618	17.500	4993	0.006	0.008	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	257.00	12.616	17.500	213	0.000	0.980	3.3	52.5
10YR-72HR	IA-3	BASE	257.00	12.612	17.500	361	7.380	-3.542	187.3	-86.2
10YR-72HR	J-BLDG A	BASE	257.00	12.616	17.500	213	0.000	-0.864	5.9	-36.4
10YR-72HR	JA-1	BASE	257.00	12.619	17.500	387	-4.406	4.479	-122.6	98.5
10YR-72HR	K-LAKE-2	BASE	257.00	12.617	17.500	89252	-5.159	0.186	-87.4	22.1
10YR-72HR	KA-21	BASE	257.00	12.610	17.500	293	4.479	-12.226	98.5	-253.7
10YR-72HR	L-LAKE 1	BASE	257.00	12.617	17.500	244739	-6.943	0.000	-142.1	0.0
10YR-72HR	M-LAKE 3	BASE	257.00	12.615	17.500	105901	8.862	0.220	222.6	37.5
10YR-72HR	N-PreDev	BASE	257.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	257.00	4.500	14.500	0	0.406	0.000	59.6	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	A-DET 6	BASE	259.00	12.623	17.500	309	0.000	0.068	5.2	13.4
10YR-72HR	AA-6D	BASE	259.00	12.623	17.500	20304	0.068	-0.003	13.4	-29.0
10YR-72HR	AB-65	BASE	259.00	12.623	17.500	10716	-0.006	0.000	-2.6	0.0
10YR-72HR	AC-63	BASE	259.00	12.623	17.500	9932	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	259.00	12.623	17.500	136	0.000	-0.374	7.5	-25.0
10YR-72HR	BA-5ED	BASE	259.00	12.623	17.500	28413	-0.374	0.017	-25.0	19.5
10YR-72HR	BB-56	BASE	259.00	12.623	17.500	7946	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	259.00	12.624	17.500	142	0.000	1.331	8.1	78.1
10YR-72HR	CA-5WD	BASE	259.00	12.623	17.500	29174	1.355	0.041	83.6	-3.5
10YR-72HR	CB-54	BASE	259.00	12.622	17.500	8592	0.041	0.061	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	259.00	12.622	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	259.00	12.622	17.500	23399	0.061	0.062	8.6	9.3
10YR-72HR	E-DET 7E	BASE	259.00	12.624	17.500	136	0.000	0.375	5.8	40.3
10YR-72HR	EA-7ED	BASE	259.00	12.623	17.500	23994	0.375	0.015	40.3	-7.3
10YR-72HR	EB-ME 104	BASE	259.00	12.623	17.500	6805	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	259.00	12.622	17.500	174	0.007	15.248	-10.9	346.2
10YR-72HR	F-DET 7W	BASE	259.00	12.622	17.500	142	0.000	-1.331	8.8	-74.6
10YR-72HR	FA-7WD	BASE	259.00	12.623	17.500	28172	-1.308	0.041	-80.9	12.6
10YR-72HR	FB-7WD	BASE	259.00	12.622	17.500	551	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	259.00	12.622	17.500	11200	0.041	0.048	13.4	9.0
10YR-72HR	G-DET 8E	BASE	259.00	12.614	17.500	138	0.000	0.427	5.1	50.5
10YR-72HR	GA-8ED	BASE	259.00	12.614	17.500	12827	0.427	0.007	50.5	2.7
10YR-72HR	GB-CS 28	BASE	259.00	12.614	17.500	3480	0.010	0.012	10.1	11.0
10YR-72HR	H-DET 8W	BASE	259.00	12.613	17.500	138	0.000	-0.426	6.0	-38.8
10YR-72HR	HA-8WD	BASE	259.00	12.614	17.500	14332	-0.429	0.005	-46.2	0.4
10YR-72HR	HB-CS 5	BASE	259.00	12.614	17.500	4984	0.005	0.008	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	259.00	12.612	17.500	213	0.000	0.974	3.3	52.7
10YR-72HR	IA-3	BASE	259.00	12.608	17.500	361	7.377	-3.538	188.6	-86.8
10YR-72HR	J-BLDG A	BASE	259.00	12.612	17.500	213	0.000	-0.858	5.9	-36.6
10YR-72HR	JA-1	BASE	259.00	12.615	17.500	387	-4.396	4.482	-123.4	99.2
10YR-72HR	K-LAKE-2	BASE	259.00	12.613	17.500	89233	-5.164	0.181	-88.3	22.2
10YR-72HR	KA-21	BASE	259.00	12.606	17.500	293	4.482	-12.222	99.2	-255.7
10YR-72HR	L-LAKE 1	BASE	259.00	12.613	17.500	244695	-6.940	0.000	-143.3	0.0
10YR-72HR	M-LAKE 3	BASE	259.00	12.611	17.500	105894	8.857	0.214	224.1	37.5
10YR-72HR	N-PreDev	BASE	259.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	259.00	4.500	14.500	0	0.395	0.000	59.7	0.0
10YR-72HR	A-DET 6	BASE	261.00	12.619	17.500	309	0.000	0.067	5.2	13.4
10YR-72HR	AA-6D	BASE	261.00	12.619	17.500	20283	0.067	-0.005	13.4	-29.0
10YR-72HR	AB-65	BASE	261.00	12.619	17.500	10706	-0.006	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	261.00	12.619	17.500	9922	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	261.00	12.619	17.500	136	0.000	-0.370	7.5	-25.0
10YR-72HR	BA-5ED	BASE	261.00	12.619	17.500	28389	-0.370	0.017	-25.0	19.5
10YR-72HR	BB-56	BASE	261.00	12.619	17.500	7939	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	261.00	12.620	17.500	142	0.000	1.321	8.1	78.3
10YR-72HR	CA-5WD	BASE	261.00	12.618	17.500	29149	1.344	0.040	83.8	-3.5
10YR-72HR	CB-54	BASE	261.00	12.618	17.500	8585	0.040	0.064	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	261.00	12.618	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	261.00	12.618	17.500	23387	0.064	0.060	8.6	9.3
10YR-72HR	E-DET 7E	BASE	261.00	12.619	17.500	136	0.000	0.371	5.8	40.4
10YR-72HR	EA-7ED	BASE	261.00	12.619	17.500	23971	0.371	0.014	40.4	-7.3
10YR-72HR	EB-ME 104	BASE	261.00	12.619	17.500	6799	-0.008	0.000	-6.7	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	261.00	12.618	17.500	174	0.005	15.247	-10.9	348.7
10YR-72HR	F-DET 7W	BASE	261.00	12.617	17.500	142	0.000	-1.321	8.8	-74.8
10YR-72HR	FA-7WD	BASE	261.00	12.618	17.500	28144	-1.299	0.040	-81.1	12.6
10YR-72HR	FB-7WD	BASE	261.00	12.617	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	261.00	12.617	17.500	11189	0.040	0.047	13.4	9.0
10YR-72HR	G-DET 8E	BASE	261.00	12.610	17.500	138	0.000	0.423	5.1	50.6
10YR-72HR	GA-8ED	BASE	261.00	12.610	17.500	12805	0.423	0.007	50.6	2.7
10YR-72HR	GB-CS 28	BASE	261.00	12.610	17.500	3474	0.010	0.012	10.1	11.0
10YR-72HR	H-DET 8W	BASE	261.00	12.609	17.500	138	0.000	-0.422	6.0	-38.9
10YR-72HR	HA-8WD	BASE	261.00	12.610	17.500	14307	-0.425	0.005	-46.3	0.4
10YR-72HR	HB-CS 5	BASE	261.00	12.610	17.500	4976	0.005	0.008	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	261.00	12.609	17.500	213	0.000	0.968	3.3	52.8
10YR-72HR	IA-3	BASE	261.00	12.604	17.500	361	7.374	-3.534	189.8	-87.4
10YR-72HR	J-BLDG A	BASE	261.00	12.608	17.500	213	0.000	-0.853	5.9	-36.7
10YR-72HR	JA-1	BASE	261.00	12.611	17.500	387	-4.387	4.485	-124.1	100.0
10YR-72HR	K-LAKE-2	BASE	261.00	12.609	17.500	89215	-5.168	0.176	-89.1	22.2
10YR-72HR	KA-21	BASE	261.00	12.602	17.500	293	4.485	-12.220	100.0	-257.7
10YR-72HR	L-LAKE 1	BASE	261.00	12.609	17.500	244653	-6.937	0.000	-144.4	0.0
10YR-72HR	M-LAKE 3	BASE	261.00	12.607	17.500	105887	8.852	0.207	225.6	37.5
10YR-72HR	N-PreDev	BASE	261.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	261.00	4.500	14.500	0	0.383	0.000	59.7	0.0
10YR-72HR	A-DET 6	BASE	263.00	12.615	17.500	309	0.000	0.066	5.2	13.5
10YR-72HR	AA-6D	BASE	263.00	12.615	17.500	20264	0.066	-0.005	13.5	-29.0
10YR-72HR	AB-65	BASE	263.00	12.615	17.500	10695	-0.005	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	263.00	12.615	17.500	9912	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	263.00	12.614	17.500	136	0.000	-0.366	7.5	-25.1
10YR-72HR	BA-5ED	BASE	263.00	12.615	17.500	28366	-0.366	0.017	-25.1	19.5
10YR-72HR	BB-56	BASE	263.00	12.615	17.500	7933	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	263.00	12.615	17.500	142	0.000	1.312	8.1	78.6
10YR-72HR	CA-5WD	BASE	263.00	12.614	17.500	29126	1.334	0.039	84.1	-3.5
10YR-72HR	CB-54	BASE	263.00	12.614	17.500	8578	0.039	0.000	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	263.00	12.614	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	263.00	12.614	17.500	23375	0.000	0.058	8.6	9.3
10YR-72HR	E-DET 7E	BASE	263.00	12.615	17.500	136	0.000	0.367	5.8	40.4
10YR-72HR	EA-7ED	BASE	263.00	12.615	17.500	23948	0.367	0.013	40.4	-7.3
10YR-72HR	EB-ME 104	BASE	263.00	12.615	17.500	6793	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	263.00	12.615	17.500	174	0.000	15.246	-10.9	351.2
10YR-72HR	F-DET 7W	BASE	263.00	12.613	17.500	142	0.000	-1.312	8.8	-75.0
10YR-72HR	FA-7WD	BASE	263.00	12.614	17.500	28118	-1.290	0.038	-81.3	12.6
10YR-72HR	FB-7WD	BASE	263.00	12.613	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	263.00	12.613	17.500	11178	0.038	0.045	13.4	9.0
10YR-72HR	G-DET 8E	BASE	263.00	12.606	17.500	138	0.000	0.418	5.1	50.6
10YR-72HR	GA-8ED	BASE	263.00	12.606	17.500	12783	0.418	0.007	50.6	2.7
10YR-72HR	GB-CS 28	BASE	263.00	12.606	17.500	3468	0.010	0.011	10.1	11.0
10YR-72HR	H-DET 8W	BASE	263.00	12.606	17.500	138	0.000	-0.418	6.0	-39.0
10YR-72HR	HA-8WD	BASE	263.00	12.606	17.500	14282	-0.421	0.005	-46.3	0.4
10YR-72HR	HB-CS 5	BASE	263.00	12.606	17.500	4967	0.005	0.008	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	263.00	12.605	17.500	213	0.000	0.962	3.3	53.0
10YR-72HR	IA-3	BASE	263.00	12.600	17.500	361	7.371	-3.531	191.0	-88.0
10YR-72HR	J-BLDG A	BASE	263.00	12.604	17.500	213	0.000	-0.848	5.9	-36.9
10YR-72HR	JA-1	BASE	263.00	12.608	17.500	387	-4.379	4.487	-124.8	100.7

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	K-LAKE-2	BASE	263.00	12.605	17.500	89197	-5.172	0.171	-90.0	22.2
10YR-72HR	KA-21	BASE	263.00	12.598	17.500	293	4.487	-12.218	100.7	-259.7
10YR-72HR	L-LAKE 1	BASE	263.00	12.606	17.500	244611	-6.935	0.000	-145.6	0.0
10YR-72HR	M-LAKE 3	BASE	263.00	12.603	17.500	105880	8.848	0.201	227.0	37.6
10YR-72HR	N-PreDev	BASE	263.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	263.00	4.500	14.500	0	0.372	0.000	59.8	0.0
10YR-72HR	A-DET 6	BASE	265.00	12.611	17.500	309	0.000	0.066	5.2	13.5
10YR-72HR	AA-6D	BASE	265.00	12.611	17.500	20245	0.066	-0.008	13.5	-29.0
10YR-72HR	AB-65	BASE	265.00	12.611	17.500	10686	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	265.00	12.611	17.500	9903	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	265.00	12.610	17.500	136	0.000	-0.362	7.5	-25.1
10YR-72HR	BA-5ED	BASE	265.00	12.611	17.500	28345	-0.362	0.016	-25.1	19.5
10YR-72HR	BB-56	BASE	265.00	12.611	17.500	7927	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	265.00	12.611	17.500	142	0.000	1.303	8.1	78.8
10YR-72HR	CA-5WD	BASE	265.00	12.610	17.500	29103	1.325	0.039	84.3	-3.5
10YR-72HR	CB-54	BASE	265.00	12.609	17.500	8571	0.039	0.063	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	265.00	12.609	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	265.00	12.609	17.500	23364	0.063	0.057	8.6	9.3
10YR-72HR	E-DET 7E	BASE	265.00	12.611	17.500	136	0.000	0.363	5.8	40.5
10YR-72HR	EA-7ED	BASE	265.00	12.611	17.500	23927	0.363	0.013	40.5	-7.3
10YR-72HR	EB-ME 104	BASE	265.00	12.611	17.500	6787	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	265.00	12.611	17.500	174	-0.004	15.245	-10.9	353.7
10YR-72HR	F-DET 7W	BASE	265.00	12.609	17.500	142	0.000	-1.303	8.8	-75.3
10YR-72HR	FA-7WD	BASE	265.00	12.610	17.500	28092	-1.281	0.037	-81.5	12.6
10YR-72HR	FB-7WD	BASE	265.00	12.609	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	265.00	12.609	17.500	11168	0.037	0.044	13.4	9.0
10YR-72HR	G-DET 8E	BASE	265.00	12.602	17.500	138	0.000	0.414	5.1	50.7
10YR-72HR	GA-8ED	BASE	265.00	12.602	17.500	12761	0.414	0.006	50.7	2.7
10YR-72HR	GB-CS 28	BASE	265.00	12.602	17.500	3462	0.009	0.011	10.1	11.0
10YR-72HR	H-DET 8W	BASE	265.00	12.602	17.500	138	0.000	-0.414	6.0	-39.0
10YR-72HR	HA-8WD	BASE	265.00	12.602	17.500	14258	-0.417	0.005	-46.4	0.4
10YR-72HR	HB-CS 5	BASE	265.00	12.602	17.500	4959	0.005	0.007	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	265.00	12.601	17.500	213	0.000	0.957	3.3	53.1
10YR-72HR	IA-3	BASE	265.00	12.597	17.500	361	7.368	-3.528	192.2	-88.5
10YR-72HR	J-BLDG A	BASE	265.00	12.600	17.500	213	0.000	-0.843	5.9	-37.0
10YR-72HR	JA-1	BASE	265.00	12.604	17.500	387	-4.372	4.489	-125.5	101.5
10YR-72HR	K-LAKE-2	BASE	265.00	12.601	17.500	89179	-5.176	0.166	-90.8	22.3
10YR-72HR	KA-21	BASE	265.00	12.594	17.500	293	4.489	-12.216	101.5	-261.7
10YR-72HR	L-LAKE 1	BASE	265.00	12.602	17.500	244571	-6.932	0.000	-146.7	0.0
10YR-72HR	M-LAKE 3	BASE	265.00	12.600	17.500	105873	8.845	0.196	228.5	37.6
10YR-72HR	N-PreDev	BASE	265.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	265.00	4.500	14.500	0	0.362	0.000	59.8	0.0
10YR-72HR	A-DET 6	BASE	267.00	12.607	17.500	308	0.000	0.065	5.2	13.5
10YR-72HR	AA-6D	BASE	267.00	12.607	17.500	20227	0.065	-0.009	13.5	-29.0
10YR-72HR	AB-65	BASE	267.00	12.607	17.500	10676	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	267.00	12.607	17.500	9895	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	267.00	12.606	17.500	136	0.000	-0.359	7.5	-25.2
10YR-72HR	BA-5ED	BASE	267.00	12.607	17.500	28324	-0.359	0.015	-25.2	19.5
10YR-72HR	BB-56	BASE	267.00	12.607	17.500	7921	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	267.00	12.607	17.500	142	0.000	1.294	8.1	79.0
10YR-72HR	CA-5WD	BASE	267.00	12.606	17.500	29081	1.316	0.038	84.5	-3.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	267.00	12.605	17.500	8565	0.038	0.062	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	267.00	12.605	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	267.00	12.605	17.500	23353	0.062	0.056	8.7	9.3
10YR-72HR	E-DET 7E	BASE	267.00	12.607	17.500	136	0.000	0.359	5.8	40.5
10YR-72HR	EA-7ED	BASE	267.00	12.607	17.500	23906	0.359	0.012	40.5	-7.3
10YR-72HR	EB-ME 104	BASE	267.00	12.607	17.500	6781	-0.009	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	267.00	12.607	17.500	174	-0.006	15.245	-10.9	356.3
10YR-72HR	F-DET 7W	BASE	267.00	12.605	17.500	142	0.000	-1.294	8.8	-75.5
10YR-72HR	FA-7WD	BASE	267.00	12.606	17.500	28068	-1.273	0.036	-81.7	12.6
10YR-72HR	FB-7WD	BASE	267.00	12.605	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	267.00	12.605	17.500	11159	0.036	0.043	13.5	9.0
10YR-72HR	G-DET 8E	BASE	267.00	12.599	17.500	138	0.000	0.410	5.1	50.8
10YR-72HR	GA-8ED	BASE	267.00	12.598	17.500	12740	0.410	0.006	50.8	2.7
10YR-72HR	GB-CS 28	BASE	267.00	12.598	17.500	3457	0.009	0.011	10.1	11.0
10YR-72HR	H-DET 8W	BASE	267.00	12.598	17.500	138	0.000	-0.410	6.0	-39.1
10YR-72HR	HA-8WD	BASE	267.00	12.598	17.500	14235	-0.413	0.005	-46.5	0.4
10YR-72HR	HB-CS 5	BASE	267.00	12.598	17.500	4951	0.005	0.007	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	267.00	12.597	17.500	213	0.000	0.951	3.3	53.3
10YR-72HR	IA-3	BASE	267.00	12.593	17.500	361	7.365	-3.525	193.4	-89.1
10YR-72HR	J-BLDG A	BASE	267.00	12.597	17.500	213	0.000	-0.838	5.9	-37.1
10YR-72HR	JA-1	BASE	267.00	12.600	17.500	387	-4.363	4.492	-126.3	102.2
10YR-72HR	K-LAKE-2	BASE	267.00	12.597	17.500	89162	-5.179	0.162	-91.7	22.3
10YR-72HR	KA-21	BASE	267.00	12.591	17.500	293	4.492	-12.214	102.2	-263.8
10YR-72HR	L-LAKE 1	BASE	267.00	12.598	17.500	244531	-6.929	0.000	-147.8	0.0
10YR-72HR	M-LAKE 3	BASE	267.00	12.596	17.500	105867	8.841	0.190	230.0	37.6
10YR-72HR	N-PreDev	BASE	267.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	267.00	4.500	14.500	0	0.352	0.000	59.9	0.0
10YR-72HR	A-DET 6	BASE	269.00	12.603	17.500	308	0.000	0.064	5.2	13.5
10YR-72HR	AA-6D	BASE	269.00	12.603	17.500	20210	0.064	-0.010	13.5	-29.0
10YR-72HR	AB-65	BASE	269.00	12.603	17.500	10667	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	269.00	12.603	17.500	9886	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	269.00	12.603	17.500	136	0.000	-0.355	7.5	-25.3
10YR-72HR	BA-5ED	BASE	269.00	12.603	17.500	28303	-0.355	0.015	-25.3	19.5
10YR-72HR	BB-56	BASE	269.00	12.603	17.500	7915	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	269.00	12.603	17.500	142	0.000	1.286	8.1	79.2
10YR-72HR	CA-5WD	BASE	269.00	12.602	17.500	29060	1.308	0.037	84.7	-3.5
10YR-72HR	CB-54	BASE	269.00	12.602	17.500	8558	0.037	0.060	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	269.00	12.602	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	269.00	12.602	17.500	23343	0.060	0.054	8.7	9.3
10YR-72HR	E-DET 7E	BASE	269.00	12.603	17.500	136	0.000	0.356	5.8	40.6
10YR-72HR	EA-7ED	BASE	269.00	12.603	17.500	23886	0.356	0.012	40.6	-7.3
10YR-72HR	EB-ME 104	BASE	269.00	12.603	17.500	6775	-0.008	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	269.00	12.604	17.500	174	-0.007	15.244	-10.9	358.8
10YR-72HR	F-DET 7W	BASE	269.00	12.601	17.500	142	0.000	-1.285	8.8	-75.7
10YR-72HR	FA-7WD	BASE	269.00	12.602	17.500	28044	-1.265	0.035	-81.9	12.6
10YR-72HR	FB-7WD	BASE	269.00	12.601	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	269.00	12.601	17.500	11149	0.035	0.042	13.5	9.0
10YR-72HR	G-DET 8E	BASE	269.00	12.595	17.500	138	0.000	0.407	5.1	50.8
10YR-72HR	GA-8ED	BASE	269.00	12.595	17.500	12720	0.407	0.006	50.8	2.7
10YR-72HR	GB-CS 28	BASE	269.00	12.595	17.500	3451	0.009	0.011	10.1	11.0
10YR-72HR	H-DET 8W	BASE	269.00	12.595	17.500	138	0.000	-0.406	6.0	-39.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	269.00	12.595	17.500	14212	-0.409	0.005	-46.5	0.4
10YR-72HR	HB-CS 5	BASE	269.00	12.595	17.500	4943	0.005	0.007	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	269.00	12.594	17.500	213	0.000	0.946	3.3	53.4
10YR-72HR	IA-3	BASE	269.00	12.590	17.500	361	7.363	-3.522	194.7	-89.7
10YR-72HR	J-BLDG A	BASE	269.00	12.593	17.500	213	0.000	-0.834	5.9	-37.3
10YR-72HR	JA-1	BASE	269.00	12.597	17.500	387	-4.355	4.494	-127.0	102.9
10YR-72HR	K-LAKE-2	BASE	269.00	12.594	17.500	89146	-5.182	0.157	-92.5	22.3
10YR-72HR	KA-21	BASE	269.00	12.587	17.500	293	4.494	-12.211	102.9	-265.8
10YR-72HR	L-LAKE 1	BASE	269.00	12.595	17.500	244493	-6.926	0.000	-149.0	0.0
10YR-72HR	M-LAKE 3	BASE	269.00	12.592	17.500	105861	8.838	0.185	231.4	37.7
10YR-72HR	N-PreDev	BASE	269.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	269.00	4.500	14.500	0	0.342	0.000	60.0	0.0
10YR-72HR	A-DET 6	BASE	271.00	12.599	17.500	308	0.000	0.064	5.2	13.5
10YR-72HR	AA-6D	BASE	271.00	12.599	17.500	20193	0.064	-0.014	13.5	-29.0
10YR-72HR	AB-65	BASE	271.00	12.599	17.500	10658	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	271.00	12.599	17.500	9878	-0.003	0.038	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	271.00	12.599	17.500	136	0.000	-0.352	7.5	-25.3
10YR-72HR	BA-5ED	BASE	271.00	12.599	17.500	28283	-0.352	0.015	-25.3	19.5
10YR-72HR	BB-56	BASE	271.00	12.599	17.500	7910	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	271.00	12.600	17.500	142	0.000	1.277	8.1	79.4
10YR-72HR	CA-5WD	BASE	271.00	12.599	17.500	29039	1.299	0.036	84.9	-3.5
10YR-72HR	CB-54	BASE	271.00	12.598	17.500	8552	0.036	0.000	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	271.00	12.598	17.500	436	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	271.00	12.598	17.500	23333	0.000	0.053	8.7	9.4
10YR-72HR	E-DET 7E	BASE	271.00	12.600	17.500	136	0.000	0.352	5.8	40.7
10YR-72HR	EA-7ED	BASE	271.00	12.599	17.500	23866	0.352	0.012	40.7	-7.3
10YR-72HR	EB-ME 104	BASE	271.00	12.599	17.500	6770	0.031	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	271.00	12.600	17.500	174	-0.008	15.243	-11.0	361.3
10YR-72HR	F-DET 7W	BASE	271.00	12.597	17.500	142	0.000	-1.277	8.8	-75.9
10YR-72HR	FA-7WD	BASE	271.00	12.598	17.500	28021	-1.258	0.034	-82.1	12.6
10YR-72HR	FB-7WD	BASE	271.00	12.597	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	271.00	12.597	17.500	11140	0.034	0.040	13.5	9.0
10YR-72HR	G-DET 8E	BASE	271.00	12.592	17.500	138	0.000	0.403	5.1	50.9
10YR-72HR	GA-8ED	BASE	271.00	12.591	17.500	12700	0.403	0.006	50.9	2.7
10YR-72HR	GB-CS 28	BASE	271.00	12.591	17.500	3446	0.009	0.010	10.1	11.0
10YR-72HR	H-DET 8W	BASE	271.00	12.591	17.500	138	0.000	-0.402	6.0	-39.2
10YR-72HR	HA-8WD	BASE	271.00	12.591	17.500	14190	-0.405	0.004	-46.6	0.4
10YR-72HR	HB-CS 5	BASE	271.00	12.591	17.500	4936	0.004	0.007	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	271.00	12.590	17.500	213	0.000	0.941	3.3	53.6
10YR-72HR	IA-3	BASE	271.00	12.586	17.500	361	7.360	-3.518	195.9	-90.3
10YR-72HR	J-BLDG A	BASE	271.00	12.590	17.500	213	0.000	-0.829	5.9	-37.4
10YR-72HR	JA-1	BASE	271.00	12.593	17.500	386	-4.347	4.497	-127.7	103.7
10YR-72HR	K-LAKE-2	BASE	271.00	12.590	17.500	89129	-5.185	0.153	-93.4	22.3
10YR-72HR	KA-21	BASE	271.00	12.584	17.500	293	4.497	-12.208	103.7	-267.8
10YR-72HR	L-LAKE 1	BASE	271.00	12.591	17.500	244455	-6.923	0.000	-150.1	0.0
10YR-72HR	M-LAKE 3	BASE	271.00	12.589	17.500	105855	8.834	0.180	232.9	37.7
10YR-72HR	N-PreDev	BASE	271.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	271.00	4.500	14.500	0	0.333	0.000	60.0	0.0
10YR-72HR	A-DET 6	BASE	273.00	12.596	17.500	308	0.000	0.063	5.2	13.5
10YR-72HR	AA-6D	BASE	273.00	12.596	17.500	20176	0.063	-0.011	13.5	-29.0
10YR-72HR	AB-65	BASE	273.00	12.596	17.500	10649	-0.003	0.000	-2.7	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	273.00	12.596	17.500	9870	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	273.00	12.595	17.500	136	0.000	-0.349	7.5	-25.4
10YR-72HR	BA-5ED	BASE	273.00	12.596	17.500	28264	-0.349	0.014	-25.4	19.5
10YR-72HR	BB-56	BASE	273.00	12.596	17.500	7904	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	273.00	12.596	17.500	142	0.000	1.270	8.1	79.6
10YR-72HR	CA-5WD	BASE	273.00	12.595	17.500	29019	1.291	0.035	85.1	-3.5
10YR-72HR	CB-54	BASE	273.00	12.594	17.500	8546	0.035	0.058	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	273.00	12.594	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	273.00	12.594	17.500	23323	0.058	0.052	8.7	9.4
10YR-72HR	E-DET 7E	BASE	273.00	12.596	17.500	136	0.000	0.349	5.8	40.7
10YR-72HR	EA-7ED	BASE	273.00	12.596	17.500	23847	0.349	0.011	40.7	-7.3
10YR-72HR	EB-ME 104	BASE	273.00	12.596	17.500	6765	-0.008	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	273.00	12.597	17.500	174	-0.009	15.243	-11.0	363.8
10YR-72HR	F-DET 7W	BASE	273.00	12.594	17.500	142	0.000	-1.269	8.8	-76.1
10YR-72HR	FA-7WD	BASE	273.00	12.595	17.500	27998	-1.250	0.033	-82.3	12.6
10YR-72HR	FB-7WD	BASE	273.00	12.593	17.500	550	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	273.00	12.593	17.500	11131	0.033	0.039	13.5	9.0
10YR-72HR	G-DET 8E	BASE	273.00	12.588	17.500	138	0.000	0.399	5.1	51.0
10YR-72HR	GA-8ED	BASE	273.00	12.588	17.500	12681	0.399	0.006	51.0	2.7
10YR-72HR	GB-CS 28	BASE	273.00	12.588	17.500	3441	0.008	0.010	10.1	11.0
10YR-72HR	H-DET 8W	BASE	273.00	12.588	17.500	138	0.000	-0.399	6.0	-39.3
10YR-72HR	HA-8WD	BASE	273.00	12.588	17.500	14168	-0.401	0.004	-46.7	0.4
10YR-72HR	HB-CS 5	BASE	273.00	12.588	17.500	4928	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	273.00	12.587	17.500	212	0.000	0.936	3.3	53.8
10YR-72HR	IA-3	BASE	273.00	12.583	17.500	361	7.358	-3.515	197.1	-90.9
10YR-72HR	J-BLDG A	BASE	273.00	12.586	17.500	213	0.000	-0.825	5.9	-37.5
10YR-72HR	JA-1	BASE	273.00	12.590	17.500	386	-4.339	4.499	-128.4	104.4
10YR-72HR	K-LAKE-2	BASE	273.00	12.587	17.500	89114	-5.188	0.149	-94.3	22.4
10YR-72HR	KA-21	BASE	273.00	12.580	17.500	293	4.499	-12.206	104.4	-269.8
10YR-72HR	L-LAKE 1	BASE	273.00	12.588	17.500	244419	-6.920	0.000	-151.3	0.0
10YR-72HR	M-LAKE 3	BASE	273.00	12.586	17.500	105849	8.831	0.175	234.3	37.7
10YR-72HR	N-PreDev	BASE	273.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	273.00	4.500	14.500	0	0.324	0.000	60.1	0.0
10YR-72HR	A-DET 6	BASE	275.00	12.592	17.500	308	0.000	0.062	5.2	13.5
10YR-72HR	AA-6D	BASE	275.00	12.592	17.500	20160	0.062	-0.012	13.5	-29.0
10YR-72HR	AB-65	BASE	275.00	12.592	17.500	10641	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	275.00	12.592	17.500	9862	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	275.00	12.592	17.500	136	0.000	-0.346	7.5	-25.4
10YR-72HR	BA-5ED	BASE	275.00	12.592	17.500	28245	-0.346	0.014	-25.4	19.5
10YR-72HR	BB-56	BASE	275.00	12.592	17.500	7899	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	275.00	12.593	17.500	142	0.000	1.262	8.1	79.8
10YR-72HR	CA-5WD	BASE	275.00	12.591	17.500	29000	1.283	0.034	85.4	-3.5
10YR-72HR	CB-54	BASE	275.00	12.590	17.500	8541	0.034	0.057	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	275.00	12.590	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	275.00	12.590	17.500	23313	0.057	0.051	8.7	9.4
10YR-72HR	E-DET 7E	BASE	275.00	12.592	17.500	136	0.000	0.346	5.8	40.8
10YR-72HR	EA-7ED	BASE	275.00	12.592	17.500	23829	0.346	0.011	40.8	-7.3
10YR-72HR	EB-ME 104	BASE	275.00	12.592	17.500	6759	-0.007	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	275.00	12.594	17.500	174	-0.009	15.242	-11.0	366.3
10YR-72HR	F-DET 7W	BASE	275.00	12.590	17.500	142	0.000	-1.262	8.8	-76.3
10YR-72HR	FA-7WD	BASE	275.00	12.591	17.500	27976	-1.243	0.032	-82.5	12.6

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	FB-7WD	BASE	275.00	12.590	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	275.00	12.590	17.500	11123	0.032	0.038	13.5	9.0
10YR-72HR	G-DET 8E	BASE	275.00	12.585	17.500	138	0.000	0.396	5.1	51.0
10YR-72HR	GA-8ED	BASE	275.00	12.585	17.500	12662	0.396	0.006	51.0	2.7
10YR-72HR	GB-CS 28	BASE	275.00	12.584	17.500	3436	0.008	0.010	10.1	11.0
10YR-72HR	H-DET 8W	BASE	275.00	12.584	17.500	138	0.000	-0.395	6.0	-39.4
10YR-72HR	HA-8WD	BASE	275.00	12.585	17.500	14147	-0.398	0.004	-46.7	0.4
10YR-72HR	HB-CS 5	BASE	275.00	12.585	17.500	4921	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	275.00	12.584	17.500	212	0.000	0.931	3.3	53.9
10YR-72HR	IA-3	BASE	275.00	12.579	17.500	361	7.356	-3.511	198.3	-91.5
10YR-72HR	J-BLDG A	BASE	275.00	12.583	17.500	212	0.000	-0.820	5.9	-37.7
10YR-72HR	JA-1	BASE	275.00	12.586	17.500	386	-4.332	4.502	-129.1	105.2
10YR-72HR	K-LAKE-2	BASE	275.00	12.584	17.500	89098	-5.191	0.145	-95.1	22.4
10YR-72HR	KA-21	BASE	275.00	12.577	17.500	293	4.502	-12.203	105.2	-271.8
10YR-72HR	L-LAKE 1	BASE	275.00	12.584	17.500	244383	-6.917	0.000	-152.4	0.0
10YR-72HR	M-LAKE 3	BASE	275.00	12.582	17.500	105843	8.827	0.170	235.8	37.7
10YR-72HR	N-PreDev	BASE	275.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	275.00	4.500	14.500	0	0.315	0.000	60.1	0.0
10YR-72HR	A-DET 6	BASE	277.00	12.589	17.500	308	0.000	0.062	5.2	13.5
10YR-72HR	AA-6D	BASE	277.00	12.589	17.500	20145	0.062	-0.012	13.5	-29.0
10YR-72HR	AB-65	BASE	277.00	12.589	17.500	10633	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	277.00	12.589	17.500	9855	0.000	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	277.00	12.588	17.500	136	0.000	-0.343	7.5	-25.5
10YR-72HR	BA-5ED	BASE	277.00	12.589	17.500	28227	-0.343	0.013	-25.5	19.5
10YR-72HR	BB-56	BASE	277.00	12.589	17.500	7894	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	277.00	12.589	17.500	142	0.000	1.255	8.1	80.0
10YR-72HR	CA-5WD	BASE	277.00	12.588	17.500	28981	1.275	0.034	85.6	-3.5
10YR-72HR	CB-54	BASE	277.00	12.587	17.500	8535	0.034	0.000	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	277.00	12.587	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	277.00	12.587	17.500	23304	0.000	0.049	8.7	9.4
10YR-72HR	E-DET 7E	BASE	277.00	12.589	17.500	136	0.000	0.343	5.8	40.8
10YR-72HR	EA-7ED	BASE	277.00	12.589	17.500	23811	0.343	0.011	40.8	-7.3
10YR-72HR	EB-ME 104	BASE	277.00	12.589	17.500	6754	-0.007	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	277.00	12.591	17.500	174	-0.010	15.242	-11.0	368.9
10YR-72HR	F-DET 7W	BASE	277.00	12.587	17.500	142	0.000	-1.254	8.8	-76.5
10YR-72HR	FA-7WD	BASE	277.00	12.588	17.500	27955	-1.237	0.031	-82.7	12.6
10YR-72HR	FB-7WD	BASE	277.00	12.586	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	277.00	12.586	17.500	11114	0.031	0.037	13.5	9.1
10YR-72HR	G-DET 8E	BASE	277.00	12.582	17.500	138	0.000	0.392	5.1	51.1
10YR-72HR	GA-8ED	BASE	277.00	12.581	17.500	12643	0.392	0.006	51.1	2.7
10YR-72HR	GB-CS 28	BASE	277.00	12.581	17.500	3431	0.008	0.009	10.1	11.0
10YR-72HR	H-DET 8W	BASE	277.00	12.581	17.500	138	0.000	-0.392	6.0	-39.4
10YR-72HR	HA-8WD	BASE	277.00	12.581	17.500	14127	-0.394	0.004	-46.8	0.4
10YR-72HR	HB-CS 5	BASE	277.00	12.581	17.500	4914	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	277.00	12.581	17.500	212	0.000	0.926	3.3	54.1
10YR-72HR	IA-3	BASE	277.00	12.576	17.500	361	7.354	-3.508	199.5	-92.0
10YR-72HR	J-BLDG A	BASE	277.00	12.580	17.500	212	0.000	-0.816	5.9	-37.8
10YR-72HR	JA-1	BASE	277.00	12.583	17.500	386	-4.324	4.504	-129.9	105.9
10YR-72HR	K-LAKE-2	BASE	277.00	12.581	17.500	89083	-5.194	0.141	-96.0	22.4
10YR-72HR	KA-21	BASE	277.00	12.574	17.500	293	4.504	-12.201	105.9	-273.8
10YR-72HR	L-LAKE 1	BASE	277.00	12.581	17.500	244349	-6.914	0.000	-153.6	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	277.00	12.579	17.500	105837	8.824	0.165	237.3	37.8
10YR-72HR	N-PreDev	BASE	277.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	277.00	4.500	14.500	0	0.306	0.000	60.2	0.0
10YR-72HR	A-DET 6	BASE	279.00	12.586	17.500	308	0.000	0.061	5.2	13.5
10YR-72HR	AA-6D	BASE	279.00	12.586	17.500	20130	0.061	-0.015	13.5	-29.0
10YR-72HR	AB-65	BASE	279.00	12.586	17.500	10625	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	279.00	12.586	17.500	9847	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	279.00	12.585	17.500	136	0.000	-0.340	7.5	-25.5
10YR-72HR	BA-5ED	BASE	279.00	12.586	17.500	28209	-0.340	0.013	-25.5	19.6
10YR-72HR	BB-56	BASE	279.00	12.586	17.500	7889	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	279.00	12.586	17.500	142	0.000	1.247	8.1	80.3
10YR-72HR	CA-5WD	BASE	279.00	12.585	17.500	28962	1.267	0.033	85.8	-3.5
10YR-72HR	CB-54	BASE	279.00	12.584	17.500	8529	0.033	0.000	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	279.00	12.584	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	279.00	12.583	17.500	23295	0.000	0.048	8.7	9.4
10YR-72HR	E-DET 7E	BASE	279.00	12.586	17.500	136	0.000	0.340	5.8	40.9
10YR-72HR	EA-7ED	BASE	279.00	12.586	17.500	23793	0.340	0.011	40.9	-7.3
10YR-72HR	EB-ME 104	BASE	279.00	12.586	17.500	6750	-0.007	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	279.00	12.588	17.500	174	-0.010	15.241	-11.0	371.4
10YR-72HR	F-DET 7W	BASE	279.00	12.583	17.500	142	0.000	-1.247	8.8	-76.7
10YR-72HR	FA-7WD	BASE	279.00	12.585	17.500	27934	-1.230	0.030	-82.9	12.6
10YR-72HR	FB-7WD	BASE	279.00	12.583	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	279.00	12.583	17.500	11106	0.030	0.036	13.5	9.1
10YR-72HR	G-DET 8E	BASE	279.00	12.579	17.500	138	0.000	0.389	5.1	51.2
10YR-72HR	GA-8ED	BASE	279.00	12.578	17.500	12626	0.389	0.005	51.2	2.7
10YR-72HR	GB-CS 28	BASE	279.00	12.578	17.500	3426	0.008	0.009	10.1	11.1
10YR-72HR	H-DET 8W	BASE	279.00	12.578	17.500	138	0.000	-0.389	6.0	-39.5
10YR-72HR	HA-8WD	BASE	279.00	12.578	17.500	14107	-0.391	0.004	-46.9	0.4
10YR-72HR	HB-CS 5	BASE	279.00	12.578	17.500	4907	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	279.00	12.578	17.500	212	0.000	0.922	3.3	54.2
10YR-72HR	IA-3	BASE	279.00	12.573	17.500	360	7.351	-3.505	200.7	-92.6
10YR-72HR	J-BLDG A	BASE	279.00	12.577	17.500	212	0.000	-0.812	5.9	-38.0
10YR-72HR	JA-1	BASE	279.00	12.580	17.500	386	-4.317	4.507	-130.6	106.7
10YR-72HR	K-LAKE-2	BASE	279.00	12.578	17.500	89069	-5.197	0.137	-96.8	22.4
10YR-72HR	KA-21	BASE	279.00	12.571	17.500	293	4.507	-12.198	106.7	-275.9
10YR-72HR	L-LAKE 1	BASE	279.00	12.578	17.500	244315	-6.912	0.000	-154.7	0.0
10YR-72HR	M-LAKE 3	BASE	279.00	12.576	17.500	105832	8.821	0.161	238.7	37.8
10YR-72HR	N-PreDev	BASE	279.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	279.00	4.500	14.500	0	0.298	0.000	60.2	0.0
10YR-72HR	A-DET 6	BASE	281.00	12.582	17.500	307	0.000	0.061	5.2	13.5
10YR-72HR	AA-6D	BASE	281.00	12.582	17.500	20115	0.061	-0.015	13.5	-29.0
10YR-72HR	AB-65	BASE	281.00	12.582	17.500	10617	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	281.00	12.582	17.500	9840	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	281.00	12.582	17.500	136	0.000	-0.337	7.5	-25.6
10YR-72HR	BA-5ED	BASE	281.00	12.582	17.500	28192	-0.337	0.012	-25.6	19.6
10YR-72HR	BB-56	BASE	281.00	12.582	17.500	7884	-0.007	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	281.00	12.582	17.500	142	0.000	1.240	8.1	80.5
10YR-72HR	CA-5WD	BASE	281.00	12.581	17.500	28944	1.259	0.032	86.0	-3.5
10YR-72HR	CB-54	BASE	281.00	12.580	17.500	8524	0.032	0.056	-3.5	7.8
10YR-72HR	D-DET 4N	BASE	281.00	12.580	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	281.00	12.580	17.500	23286	0.056	0.047	8.7	9.4

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	E-DET 7E	BASE	281.00	12.583	17.500	136	0.000	0.337	5.8	40.9
10YR-72HR	EA-7ED	BASE	281.00	12.582	17.500	23776	0.337	0.010	40.9	-7.3
10YR-72HR	EB-ME 104	BASE	281.00	12.582	17.500	6745	-0.006	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	281.00	12.585	17.500	174	-0.011	15.241	-11.0	373.9
10YR-72HR	F-DET 7W	BASE	281.00	12.580	17.500	142	0.000	-1.240	8.8	-76.9
10YR-72HR	FA-7WD	BASE	281.00	12.581	17.500	27914	-1.224	0.029	-83.1	12.6
10YR-72HR	FB-7WD	BASE	281.00	12.579	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	281.00	12.579	17.500	11098	0.029	0.034	13.5	9.1
10YR-72HR	G-DET 8E	BASE	281.00	12.576	17.500	138	0.000	0.386	5.1	51.2
10YR-72HR	GA-8ED	BASE	281.00	12.575	17.500	12608	0.386	0.005	51.2	2.7
10YR-72HR	GB-CS 28	BASE	281.00	12.575	17.500	3422	0.007	0.009	10.1	11.1
10YR-72HR	H-DET 8W	BASE	281.00	12.575	17.500	138	0.000	-0.386	6.0	-39.6
10YR-72HR	HA-8WD	BASE	281.00	12.575	17.500	14087	-0.388	0.004	-46.9	0.4
10YR-72HR	HB-CS 5	BASE	281.00	12.575	17.500	4900	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	281.00	12.575	17.500	212	0.000	0.917	3.3	54.4
10YR-72HR	IA-3	BASE	281.00	12.570	17.500	360	7.349	-3.502	201.9	-93.2
10YR-72HR	J-BLDG A	BASE	281.00	12.574	17.500	212	0.000	-0.808	5.9	-38.1
10YR-72HR	JA-1	BASE	281.00	12.577	17.500	386	-4.310	4.509	-131.3	107.4
10YR-72HR	K-LAKE-2	BASE	281.00	12.574	17.500	89054	-5.200	0.134	-97.7	22.5
10YR-72HR	KA-21	BASE	281.00	12.568	17.500	293	4.509	-12.196	107.4	-277.9
10YR-72HR	L-LAKE 1	BASE	281.00	12.575	17.500	244282	-6.910	0.000	-155.8	0.0
10YR-72HR	M-LAKE 3	BASE	281.00	12.573	17.500	105826	8.817	0.157	240.2	37.8
10YR-72HR	N-PreDev	BASE	281.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	281.00	4.500	14.500	0	0.291	0.000	60.3	0.0
10YR-72HR	A-DET 6	BASE	283.00	12.579	17.500	307	0.000	0.060	5.2	13.6
10YR-72HR	AA-6D	BASE	283.00	12.579	17.500	20101	0.060	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	283.00	12.579	17.500	10610	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	283.00	12.579	17.500	9833	-0.002	0.037	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	283.00	12.579	17.500	136	0.000	-0.334	7.5	-25.7
10YR-72HR	BA-5ED	BASE	283.00	12.579	17.500	28175	-0.334	0.012	-25.7	19.6
10YR-72HR	BB-56	BASE	283.00	12.579	17.500	7880	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	283.00	12.579	17.500	142	0.000	1.234	8.1	80.7
10YR-72HR	CA-5WD	BASE	283.00	12.578	17.500	28927	1.252	0.031	86.2	-3.5
10YR-72HR	CB-54	BASE	283.00	12.577	17.500	8519	0.031	0.000	-3.5	7.9
10YR-72HR	D-DET 4N	BASE	283.00	12.577	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	283.00	12.577	17.500	23277	0.000	0.045	8.7	9.4
10YR-72HR	E-DET 7E	BASE	283.00	12.580	17.500	136	0.000	0.335	5.8	41.0
10YR-72HR	EA-7ED	BASE	283.00	12.579	17.500	23760	0.335	0.010	41.0	-7.3
10YR-72HR	EB-ME 104	BASE	283.00	12.579	17.500	6740	0.031	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	283.00	12.582	17.500	174	-0.011	15.240	-11.0	376.4
10YR-72HR	F-DET 7W	BASE	283.00	12.577	17.500	142	0.000	-1.234	8.8	-77.1
10YR-72HR	FA-7WD	BASE	283.00	12.578	17.500	27894	-1.218	0.028	-83.3	12.6
10YR-72HR	FB-7WD	BASE	283.00	12.576	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	283.00	12.576	17.500	11090	0.028	0.033	13.5	9.1
10YR-72HR	G-DET 8E	BASE	283.00	12.573	17.500	138	0.000	0.383	5.1	51.3
10YR-72HR	GA-8ED	BASE	283.00	12.572	17.500	12591	0.383	0.005	51.3	2.7
10YR-72HR	GB-CS 28	BASE	283.00	12.572	17.500	3417	0.007	0.009	10.1	11.1
10YR-72HR	H-DET 8W	BASE	283.00	12.572	17.500	138	0.000	-0.383	6.0	-39.6
10YR-72HR	HA-8WD	BASE	283.00	12.572	17.500	14068	-0.385	0.004	-47.0	0.4
10YR-72HR	HB-CS 5	BASE	283.00	12.572	17.500	4894	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	283.00	12.572	17.500	212	0.000	0.913	3.3	54.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	283.00	12.567	17.500	360	7.347	-3.499	203.2	-93.8
10YR-72HR	J-BLDG A	BASE	283.00	12.571	17.500	212	0.000	-0.804	5.9	-38.2
10YR-72HR	JA-1	BASE	283.00	12.574	17.500	386	-4.303	4.512	-132.0	108.2
10YR-72HR	K-LAKE-2	BASE	283.00	12.572	17.500	89040	-5.202	0.130	-98.6	22.5
10YR-72HR	KA-21	BASE	283.00	12.565	17.500	293	4.512	-12.193	108.2	-279.9
10YR-72HR	L-LAKE 1	BASE	283.00	12.572	17.500	244250	-6.907	0.000	-157.0	0.0
10YR-72HR	M-LAKE 3	BASE	283.00	12.570	17.500	105821	8.814	0.153	241.6	37.8
10YR-72HR	N-PreDev	BASE	283.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	283.00	4.500	14.500	0	0.283	0.000	60.3	0.0
10YR-72HR	A-DET 6	BASE	285.00	12.576	17.500	307	0.000	0.060	5.2	13.6
10YR-72HR	AA-6D	BASE	285.00	12.576	17.500	20087	0.060	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	285.00	12.576	17.500	10602	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	285.00	12.576	17.500	9827	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	285.00	12.576	17.500	136	0.000	-0.332	7.5	-25.7
10YR-72HR	BA-5ED	BASE	285.00	12.576	17.500	28159	-0.332	0.012	-25.7	19.6
10YR-72HR	BB-56	BASE	285.00	12.576	17.500	7875	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	285.00	12.576	17.500	142	0.000	1.227	8.1	80.9
10YR-72HR	CA-5WD	BASE	285.00	12.575	17.500	28910	1.245	0.030	86.4	-3.4
10YR-72HR	CB-54	BASE	285.00	12.574	17.500	8514	0.030	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	285.00	12.574	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	285.00	12.574	17.500	23268	0.000	0.044	8.7	9.4
10YR-72HR	E-DET 7E	BASE	285.00	12.577	17.500	136	0.000	0.332	5.8	41.1
10YR-72HR	EA-7ED	BASE	285.00	12.576	17.500	23744	0.332	0.010	41.1	-7.3
10YR-72HR	EB-ME 104	BASE	285.00	12.576	17.500	6736	-0.006	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	285.00	12.579	17.500	174	-0.011	15.240	-11.0	378.9
10YR-72HR	F-DET 7W	BASE	285.00	12.574	17.500	142	0.000	-1.227	8.8	-77.3
10YR-72HR	FA-7WD	BASE	285.00	12.575	17.500	27875	-1.212	0.027	-83.5	12.6
10YR-72HR	FB-7WD	BASE	285.00	12.573	17.500	549	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	285.00	12.573	17.500	11082	0.027	0.032	13.5	9.1
10YR-72HR	G-DET 8E	BASE	285.00	12.570	17.500	138	0.000	0.380	5.1	51.4
10YR-72HR	GA-8ED	BASE	285.00	12.569	17.500	12575	0.380	0.005	51.4	2.7
10YR-72HR	GB-CS 28	BASE	285.00	12.569	17.500	3413	0.007	0.008	10.1	11.1
10YR-72HR	H-DET 8W	BASE	285.00	12.569	17.500	138	0.000	-0.380	6.0	-39.7
10YR-72HR	HA-8WD	BASE	285.00	12.569	17.500	14050	-0.382	0.004	-47.1	0.4
10YR-72HR	HB-CS 5	BASE	285.00	12.569	17.500	4888	0.004	0.006	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	285.00	12.569	17.500	212	0.000	0.909	3.3	54.7
10YR-72HR	IA-3	BASE	285.00	12.564	17.500	360	7.345	-3.496	204.4	-94.4
10YR-72HR	J-BLDG A	BASE	285.00	12.568	17.500	212	0.000	-0.800	5.9	-38.4
10YR-72HR	JA-1	BASE	285.00	12.571	17.500	386	-4.296	4.514	-132.7	108.9
10YR-72HR	K-LAKE-2	BASE	285.00	12.569	17.500	89027	-5.205	0.127	-99.4	22.5
10YR-72HR	KA-21	BASE	285.00	12.562	17.500	293	4.514	-12.191	108.9	-281.9
10YR-72HR	L-LAKE 1	BASE	285.00	12.569	17.500	244219	-6.905	0.000	-158.1	0.0
10YR-72HR	M-LAKE 3	BASE	285.00	12.567	17.500	105816	8.811	0.149	243.1	37.9
10YR-72HR	N-PreDev	BASE	285.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	285.00	4.500	14.500	0	0.276	0.000	60.4	0.0
10YR-72HR	A-DET 6	BASE	287.00	12.573	17.500	307	0.000	0.059	5.2	13.6
10YR-72HR	AA-6D	BASE	287.00	12.573	17.500	20074	0.059	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	287.00	12.573	17.500	10595	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	287.00	12.573	17.500	9820	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	287.00	12.573	17.500	136	0.000	-0.329	7.5	-25.8
10YR-72HR	BA-5ED	BASE	287.00	12.573	17.500	28143	-0.329	0.011	-25.8	19.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	287.00	12.573	17.500	7871	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	287.00	12.573	17.500	142	0.000	1.221	8.1	81.1
10YR-72HR	CA-5WD	BASE	287.00	12.572	17.500	28893	1.238	0.029	86.6	-3.4
10YR-72HR	CB-54	BASE	287.00	12.571	17.500	8509	0.029	0.058	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	287.00	12.571	17.500	435	0.000	0.026	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	287.00	12.571	17.500	23260	0.084	0.043	8.7	9.4
10YR-72HR	E-DET 7E	BASE	287.00	12.574	17.500	136	0.000	0.329	5.8	41.1
10YR-72HR	EA-7ED	BASE	287.00	12.573	17.500	23729	0.329	0.009	41.1	-7.3
10YR-72HR	EB-ME 104	BASE	287.00	12.573	17.500	6732	-0.005	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	287.00	12.576	17.500	174	-0.012	15.239	-11.0	381.5
10YR-72HR	F-DET 7W	BASE	287.00	12.571	17.500	142	0.000	-1.221	8.8	-77.6
10YR-72HR	FA-7WD	BASE	287.00	12.572	17.500	27857	-1.206	0.026	-83.7	12.6
10YR-72HR	FB-7WD	BASE	287.00	12.570	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	287.00	12.570	17.500	11075	0.026	0.031	13.5	9.1
10YR-72HR	G-DET 8E	BASE	287.00	12.567	17.500	138	0.000	0.377	5.1	51.4
10YR-72HR	GA-8ED	BASE	287.00	12.566	17.500	12559	0.377	0.005	51.4	2.7
10YR-72HR	GB-CS 28	BASE	287.00	12.566	17.500	3408	0.007	0.008	10.1	11.1
10YR-72HR	H-DET 8W	BASE	287.00	12.566	17.500	138	0.000	-0.377	6.0	-39.8
10YR-72HR	HA-8WD	BASE	287.00	12.567	17.500	14032	-0.379	0.004	-47.1	0.4
10YR-72HR	HB-CS 5	BASE	287.00	12.566	17.500	4881	0.004	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	287.00	12.566	17.500	212	0.000	0.905	3.3	54.8
10YR-72HR	IA-3	BASE	287.00	12.562	17.500	360	7.344	-3.493	205.6	-94.9
10YR-72HR	J-BLDG A	BASE	287.00	12.565	17.500	212	0.000	-0.797	5.9	-38.5
10YR-72HR	JA-1	BASE	287.00	12.569	17.500	386	-4.290	4.516	-133.4	109.7
10YR-72HR	K-LAKE-2	BASE	287.00	12.566	17.500	89013	-5.207	0.124	-100.3	22.5
10YR-72HR	KA-21	BASE	287.00	12.559	17.500	293	4.516	-12.189	109.7	-283.9
10YR-72HR	L-LAKE 1	BASE	287.00	12.566	17.500	244188	-6.903	0.000	-159.3	0.0
10YR-72HR	M-LAKE 3	BASE	287.00	12.565	17.500	105811	8.809	0.145	244.5	37.9
10YR-72HR	N-PreDev	BASE	287.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	287.00	4.500	14.500	0	0.269	0.000	60.4	0.0
10YR-72HR	A-DET 6	BASE	289.00	12.571	17.500	307	0.000	0.059	5.2	13.6
10YR-72HR	AA-6D	BASE	289.00	12.571	17.500	20061	0.059	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	289.00	12.571	17.500	10589	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	289.00	12.571	17.500	9814	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	289.00	12.570	17.500	136	0.000	-0.327	7.5	-25.8
10YR-72HR	BA-5ED	BASE	289.00	12.571	17.500	28128	-0.327	0.011	-25.8	19.6
10YR-72HR	BB-56	BASE	289.00	12.571	17.500	7867	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	289.00	12.570	17.500	142	0.000	1.215	8.1	81.3
10YR-72HR	CA-5WD	BASE	289.00	12.569	17.500	28877	1.231	0.028	86.8	-3.4
10YR-72HR	CB-54	BASE	289.00	12.568	17.500	8504	0.028	0.057	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	289.00	12.568	17.500	435	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	289.00	12.568	17.500	23252	0.057	0.042	8.7	9.4
10YR-72HR	E-DET 7E	BASE	289.00	12.571	17.500	136	0.000	0.327	5.8	41.2
10YR-72HR	EA-7ED	BASE	289.00	12.571	17.500	23714	0.327	0.009	41.2	-7.3
10YR-72HR	EB-ME 104	BASE	289.00	12.571	17.500	6727	-0.005	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	289.00	12.573	17.500	174	-0.012	15.239	-11.0	384.0
10YR-72HR	F-DET 7W	BASE	289.00	12.568	17.500	142	0.000	-1.215	8.8	-77.8
10YR-72HR	FA-7WD	BASE	289.00	12.569	17.500	27839	-1.201	0.025	-83.9	12.6
10YR-72HR	FB-7WD	BASE	289.00	12.567	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	289.00	12.567	17.500	11068	0.025	0.030	13.5	9.1
10YR-72HR	G-DET 8E	BASE	289.00	12.564	17.500	138	0.000	0.374	5.1	51.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	289.00	12.564	17.500	12543	0.374	0.005	51.5	2.7
10YR-72HR	GB-CS 28	BASE	289.00	12.563	17.500	3404	0.007	0.008	10.1	11.1
10YR-72HR	H-DET 8W	BASE	289.00	12.563	17.500	138	0.000	-0.374	6.0	-39.8
10YR-72HR	HA-8WD	BASE	289.00	12.564	17.500	14015	-0.376	0.004	-47.2	0.4
10YR-72HR	HB-CS 5	BASE	289.00	12.564	17.500	4875	0.004	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	289.00	12.563	17.500	212	0.000	0.901	3.3	55.0
10YR-72HR	IA-3	BASE	289.00	12.559	17.500	360	7.342	-3.490	206.8	-95.5
10YR-72HR	J-BLDG A	BASE	289.00	12.562	17.500	212	0.000	-0.793	5.9	-38.6
10YR-72HR	JA-1	BASE	289.00	12.566	17.500	386	-4.283	4.518	-134.1	110.4
10YR-72HR	K-LAKE-2	BASE	289.00	12.563	17.500	89000	-5.209	0.121	-101.1	22.5
10YR-72HR	KA-21	BASE	289.00	12.556	17.500	293	4.518	-12.187	110.4	-285.9
10YR-72HR	L-LAKE 1	BASE	289.00	12.564	17.500	244158	-6.901	0.000	-160.4	0.0
10YR-72HR	M-LAKE 3	BASE	289.00	12.562	17.500	105806	8.806	0.141	246.0	37.9
10YR-72HR	N-PreDev	BASE	289.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	289.00	4.500	14.500	0	0.262	0.000	60.5	0.0
10YR-72HR	A-DET 6	BASE	291.00	12.568	17.500	307	0.000	0.058	5.2	13.6
10YR-72HR	AA-6D	BASE	291.00	12.568	17.500	20048	0.058	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	291.00	12.568	17.500	10582	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	291.00	12.568	17.500	9808	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	291.00	12.568	17.500	136	0.000	-0.324	7.5	-25.9
10YR-72HR	BA-5ED	BASE	291.00	12.568	17.500	28113	-0.324	0.011	-25.9	19.6
10YR-72HR	BB-56	BASE	291.00	12.568	17.500	7863	-0.006	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	291.00	12.568	17.500	142	0.000	1.209	8.1	81.5
10YR-72HR	CA-5WD	BASE	291.00	12.566	17.500	28862	1.225	0.027	87.0	-3.4
10YR-72HR	CB-54	BASE	291.00	12.565	17.500	8499	0.027	0.057	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	291.00	12.565	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	291.00	12.565	17.500	23244	0.057	0.040	8.7	9.4
10YR-72HR	E-DET 7E	BASE	291.00	12.568	17.500	136	0.000	0.325	5.8	41.2
10YR-72HR	EA-7ED	BASE	291.00	12.568	17.500	23699	0.325	0.009	41.2	-7.3
10YR-72HR	EB-ME 104	BASE	291.00	12.568	17.500	6723	-0.005	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	291.00	12.570	17.500	174	-0.012	15.239	-11.0	386.5
10YR-72HR	F-DET 7W	BASE	291.00	12.566	17.500	142	0.000	-1.209	8.8	-78.0
10YR-72HR	FA-7WD	BASE	291.00	12.567	17.500	27822	-1.196	0.024	-84.1	12.6
10YR-72HR	FB-7WD	BASE	291.00	12.564	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	291.00	12.564	17.500	11061	0.024	0.029	13.5	9.1
10YR-72HR	G-DET 8E	BASE	291.00	12.561	17.500	138	0.000	0.372	5.1	51.5
10YR-72HR	GA-8ED	BASE	291.00	12.561	17.500	12528	0.372	0.005	51.5	2.7
10YR-72HR	GB-CS 28	BASE	291.00	12.560	17.500	3400	0.006	0.008	10.1	11.1
10YR-72HR	H-DET 8W	BASE	291.00	12.561	17.500	138	0.000	-0.371	6.0	-39.9
10YR-72HR	HA-8WD	BASE	291.00	12.561	17.500	13998	-0.373	0.004	-47.3	0.4
10YR-72HR	HB-CS 5	BASE	291.00	12.561	17.500	4870	0.004	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	291.00	12.560	17.500	212	0.000	0.897	3.3	55.1
10YR-72HR	IA-3	BASE	291.00	12.556	17.500	360	7.340	-3.487	208.0	-96.1
10YR-72HR	J-BLDG A	BASE	291.00	12.560	17.500	212	0.000	-0.790	5.9	-38.7
10YR-72HR	JA-1	BASE	291.00	12.563	17.500	386	-4.277	4.521	-134.8	111.1
10YR-72HR	K-LAKE-2	BASE	291.00	12.560	17.500	88988	-5.211	0.118	-102.0	22.6
10YR-72HR	KA-21	BASE	291.00	12.553	17.500	293	4.521	-12.184	111.1	-288.0
10YR-72HR	L-LAKE 1	BASE	291.00	12.561	17.500	244129	-6.899	0.000	-161.6	0.0
10YR-72HR	M-LAKE 3	BASE	291.00	12.559	17.500	105801	8.803	0.138	247.5	37.9
10YR-72HR	N-PreDev	BASE	291.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	291.00	4.500	14.500	0	0.256	0.000	60.5	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	A-DET 6	BASE	293.00	12.565	17.500	307	0.000	0.058	5.2	13.6
10YR-72HR	AA-6D	BASE	293.00	12.565	17.500	20036	0.058	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	293.00	12.565	17.500	10575	-0.001	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	293.00	12.565	17.500	9802	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	293.00	12.565	17.500	136	0.000	-0.322	7.5	-25.9
10YR-72HR	BA-5ED	BASE	293.00	12.565	17.500	28099	-0.322	0.010	-25.9	19.6
10YR-72HR	BB-56	BASE	293.00	12.565	17.500	7859	-0.005	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	293.00	12.565	17.500	142	0.000	1.203	8.1	81.7
10YR-72HR	CA-5WD	BASE	293.00	12.564	17.500	28847	1.218	0.026	87.2	-3.4
10YR-72HR	CB-54	BASE	293.00	12.562	17.500	8494	0.026	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	293.00	12.562	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	293.00	12.562	17.500	23236	0.000	0.039	8.7	9.4
10YR-72HR	E-DET 7E	BASE	293.00	12.566	17.500	136	0.000	0.322	5.8	41.3
10YR-72HR	EA-7ED	BASE	293.00	12.565	17.500	23685	0.322	0.008	41.3	-7.3
10YR-72HR	EB-ME 104	BASE	293.00	12.565	17.500	6719	-0.004	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	293.00	12.568	17.500	174	-0.012	15.238	-11.0	389.0
10YR-72HR	F-DET 7W	BASE	293.00	12.563	17.500	142	0.000	-1.203	8.8	-78.2
10YR-72HR	FA-7WD	BASE	293.00	12.564	17.500	27805	-1.191	0.023	-84.3	12.6
10YR-72HR	FB-7WD	BASE	293.00	12.561	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	293.00	12.561	17.500	11054	0.023	0.028	13.5	9.1
10YR-72HR	G-DET 8E	BASE	293.00	12.559	17.500	138	0.000	0.369	5.1	51.6
10YR-72HR	GA-8ED	BASE	293.00	12.558	17.500	12513	0.369	0.004	51.6	2.7
10YR-72HR	GB-CS 28	BASE	293.00	12.558	17.500	3396	0.006	0.007	10.1	11.1
10YR-72HR	H-DET 8W	BASE	293.00	12.558	17.500	138	0.000	-0.369	6.0	-39.9
10YR-72HR	HA-8WD	BASE	293.00	12.559	17.500	13981	-0.370	0.003	-47.3	0.4
10YR-72HR	HB-CS 5	BASE	293.00	12.558	17.500	4864	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	293.00	12.558	17.500	212	0.000	0.893	3.3	55.3
10YR-72HR	IA-3	BASE	293.00	12.554	17.500	360	7.338	-3.485	209.2	-96.7
10YR-72HR	J-BLDG A	BASE	293.00	12.557	17.500	212	0.000	-0.786	5.9	-38.9
10YR-72HR	JA-1	BASE	293.00	12.560	17.500	386	-4.271	4.523	-135.5	111.9
10YR-72HR	K-LAKE-2	BASE	293.00	12.558	17.500	88975	-5.214	0.115	-102.9	22.6
10YR-72HR	KA-21	BASE	293.00	12.551	17.500	293	4.523	-12.182	111.9	-290.0
10YR-72HR	L-LAKE 1	BASE	293.00	12.558	17.500	244100	-6.897	0.000	-162.7	0.0
10YR-72HR	M-LAKE 3	BASE	293.00	12.557	17.500	105796	8.800	0.134	248.9	38.0
10YR-72HR	N-PreDev	BASE	293.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	293.00	4.500	14.500	0	0.249	0.000	60.5	0.0
10YR-72HR	A-DET 6	BASE	295.00	12.563	17.500	307	0.000	0.057	5.2	13.6
10YR-72HR	AA-6D	BASE	295.00	12.563	17.500	20024	0.057	-0.015	13.6	-29.0
10YR-72HR	AB-65	BASE	295.00	12.563	17.500	10569	-0.001	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	295.00	12.563	17.500	9796	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	295.00	12.562	17.500	136	0.000	-0.320	7.5	-26.0
10YR-72HR	BA-5ED	BASE	295.00	12.563	17.500	28085	-0.320	0.010	-26.0	19.6
10YR-72HR	BB-56	BASE	295.00	12.563	17.500	7855	-0.005	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	295.00	12.562	17.500	142	0.000	1.197	8.1	81.9
10YR-72HR	CA-5WD	BASE	295.00	12.561	17.500	28832	1.212	0.026	87.4	-3.4
10YR-72HR	CB-54	BASE	295.00	12.559	17.500	8490	0.026	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	295.00	12.559	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	295.00	12.559	17.500	23229	0.000	0.038	8.7	9.4
10YR-72HR	E-DET 7E	BASE	295.00	12.563	17.500	136	0.000	0.320	5.8	41.3
10YR-72HR	EA-7ED	BASE	295.00	12.563	17.500	23672	0.320	0.008	41.3	-7.3
10YR-72HR	EB-ME 104	BASE	295.00	12.563	17.500	6716	-0.004	0.000	-6.7	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	295.00	12.565	17.500	174	-0.012	15.238	-11.0	391.5
10YR-72HR	F-DET 7W	BASE	295.00	12.560	17.500	142	0.000	-1.198	8.8	-78.3
10YR-72HR	FA-7WD	BASE	295.00	12.561	17.500	27789	-1.186	0.022	-84.5	12.7
10YR-72HR	FB-7WD	BASE	295.00	12.558	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	295.00	12.558	17.500	11047	0.022	0.026	13.5	9.1
10YR-72HR	G-DET 8E	BASE	295.00	12.556	17.500	138	0.000	0.367	5.1	51.7
10YR-72HR	GA-8ED	BASE	295.00	12.556	17.500	12499	0.367	0.004	51.7	2.7
10YR-72HR	GB-CS 28	BASE	295.00	12.555	17.500	3392	0.006	0.007	10.1	11.1
10YR-72HR	H-DET 8W	BASE	295.00	12.556	17.500	138	0.000	-0.366	6.0	-40.0
10YR-72HR	HA-8WD	BASE	295.00	12.556	17.500	13965	-0.368	0.003	-47.4	0.4
10YR-72HR	HB-CS 5	BASE	295.00	12.556	17.500	4858	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	295.00	12.555	17.500	212	0.000	0.889	3.3	55.4
10YR-72HR	IA-3	BASE	295.00	12.551	17.500	360	7.336	-3.482	210.4	-97.2
10YR-72HR	J-BLDG A	BASE	295.00	12.555	17.500	212	0.000	-0.783	5.9	-39.0
10YR-72HR	JA-1	BASE	295.00	12.558	17.500	386	-4.265	4.525	-136.2	112.6
10YR-72HR	K-LAKE-2	BASE	295.00	12.555	17.500	88963	-5.216	0.112	-103.7	22.6
10YR-72HR	KA-21	BASE	295.00	12.548	17.500	293	4.525	-12.180	112.6	-292.0
10YR-72HR	L-LAKE 1	BASE	295.00	12.556	17.500	244072	-6.895	0.000	-163.8	0.0
10YR-72HR	M-LAKE 3	BASE	295.00	12.554	17.500	105792	8.798	0.131	250.4	38.0
10YR-72HR	N-PreDev	BASE	295.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	295.00	4.500	14.500	0	0.243	0.000	60.6	0.0
10YR-72HR	A-DET 6	BASE	297.00	12.560	17.500	307	0.000	0.057	5.2	13.6
10YR-72HR	AA-6D	BASE	297.00	12.560	17.500	20013	0.057	-0.016	13.6	-29.0
10YR-72HR	AB-65	BASE	297.00	12.560	17.500	10563	-0.001	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	297.00	12.560	17.500	9791	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	297.00	12.560	17.500	136	0.000	-0.318	7.5	-26.0
10YR-72HR	BA-5ED	BASE	297.00	12.560	17.500	28072	-0.318	0.010	-26.0	19.6
10YR-72HR	BB-56	BASE	297.00	12.560	17.500	7851	-0.005	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	297.00	12.560	17.500	142	0.000	1.192	8.1	82.1
10YR-72HR	CA-5WD	BASE	297.00	12.558	17.500	28818	1.206	0.025	87.6	-3.4
10YR-72HR	CB-54	BASE	297.00	12.556	17.500	8485	0.025	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	297.00	12.556	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	297.00	12.556	17.500	23222	0.000	0.037	8.7	9.5
10YR-72HR	E-DET 7E	BASE	297.00	12.561	17.500	136	0.000	0.318	5.8	41.4
10YR-72HR	EA-7ED	BASE	297.00	12.560	17.500	23659	0.318	0.008	41.4	-7.3
10YR-72HR	EB-ME 104	BASE	297.00	12.560	17.500	6712	-0.004	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	297.00	12.563	17.500	174	-0.012	15.238	-11.0	394.1
10YR-72HR	F-DET 7W	BASE	297.00	12.558	17.500	142	0.000	-1.193	8.8	-78.5
10YR-72HR	FA-7WD	BASE	297.00	12.559	17.500	27773	-1.181	0.021	-84.7	12.7
10YR-72HR	FB-7WD	BASE	297.00	12.555	17.500	548	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	297.00	12.555	17.500	11041	0.021	0.025	13.5	9.1
10YR-72HR	G-DET 8E	BASE	297.00	12.554	17.500	138	0.000	0.364	5.1	51.7
10YR-72HR	GA-8ED	BASE	297.00	12.553	17.500	12484	0.364	0.004	51.7	2.7
10YR-72HR	GB-CS 28	BASE	297.00	12.552	17.500	3388	0.006	0.007	10.1	11.1
10YR-72HR	H-DET 8W	BASE	297.00	12.553	17.500	138	0.000	-0.364	6.0	-40.1
10YR-72HR	HA-8WD	BASE	297.00	12.553	17.500	13949	-0.365	0.003	-47.4	0.4
10YR-72HR	HB-CS 5	BASE	297.00	12.553	17.500	4853	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	297.00	12.553	17.500	212	0.000	0.885	3.3	55.6
10YR-72HR	IA-3	BASE	297.00	12.548	17.500	360	7.335	-3.480	211.7	-97.8
10YR-72HR	J-BLDG A	BASE	297.00	12.552	17.500	212	0.000	-0.780	5.9	-39.1
10YR-72HR	JA-1	BASE	297.00	12.555	17.500	386	-4.259	4.527	-136.9	113.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	K-LAKE-2	BASE	297.00	12.553	17.500	88951	-5.218	0.110	-104.6	22.6
10YR-72HR	KA-21	BASE	297.00	12.546	17.500	293	4.527	-12.178	113.4	-294.0
10YR-72HR	L-LAKE 1	BASE	297.00	12.553	17.500	244045	-6.893	0.000	-165.0	0.0
10YR-72HR	M-LAKE 3	BASE	297.00	12.552	17.500	105787	8.795	0.128	251.8	38.0
10YR-72HR	N-PreDev	BASE	297.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	297.00	4.500	14.500	0	0.237	0.000	60.6	0.0
10YR-72HR	A-DET 6	BASE	299.00	12.558	17.500	306	0.000	0.056	5.2	13.6
10YR-72HR	AA-6D	BASE	299.00	12.558	17.500	20002	0.056	-0.016	13.6	-29.0
10YR-72HR	AB-65	BASE	299.00	12.558	17.500	10557	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	299.00	12.558	17.500	9785	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	299.00	12.557	17.500	135	0.000	-0.316	7.5	-26.1
10YR-72HR	BA-5ED	BASE	299.00	12.558	17.500	28059	-0.316	0.009	-26.1	19.6
10YR-72HR	BB-56	BASE	299.00	12.558	17.500	7847	-0.005	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	299.00	12.557	17.500	142	0.000	1.187	8.1	82.3
10YR-72HR	CA-5WD	BASE	299.00	12.556	17.500	28804	1.200	0.024	87.8	-3.4
10YR-72HR	CB-54	BASE	299.00	12.554	17.500	8481	0.024	0.056	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	299.00	12.554	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	299.00	12.554	17.500	23214	0.056	0.036	8.7	9.5
10YR-72HR	E-DET 7E	BASE	299.00	12.558	17.500	136	0.000	0.316	5.8	41.4
10YR-72HR	EA-7ED	BASE	299.00	12.558	17.500	23646	0.316	0.008	41.4	-7.3
10YR-72HR	EB-ME 104	BASE	299.00	12.558	17.500	6708	-0.003	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	299.00	12.560	17.500	174	-0.012	15.237	-11.0	396.6
10YR-72HR	F-DET 7W	BASE	299.00	12.555	17.500	142	0.000	-1.187	8.8	-78.7
10YR-72HR	FA-7WD	BASE	299.00	12.556	17.500	27758	-1.177	0.020	-84.9	12.7
10YR-72HR	FB-7WD	BASE	299.00	12.553	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	299.00	12.553	17.500	11034	0.020	0.024	13.5	9.1
10YR-72HR	G-DET 8E	BASE	299.00	12.551	17.500	138	0.000	0.362	5.1	51.8
10YR-72HR	GA-8ED	BASE	299.00	12.551	17.500	12471	0.362	0.004	51.8	2.7
10YR-72HR	GB-CS 28	BASE	299.00	12.550	17.500	3385	0.005	0.007	10.1	11.1
10YR-72HR	H-DET 8W	BASE	299.00	12.551	17.500	138	0.000	-0.361	6.0	-40.1
10YR-72HR	HA-8WD	BASE	299.00	12.551	17.500	13934	-0.363	0.003	-47.5	0.4
10YR-72HR	HB-CS 5	BASE	299.00	12.551	17.500	4847	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	299.00	12.550	17.500	212	0.000	0.882	3.3	55.7
10YR-72HR	IA-3	BASE	299.00	12.546	17.500	360	7.333	-3.477	212.9	-98.4
10YR-72HR	J-BLDG A	BASE	299.00	12.550	17.500	212	0.000	-0.776	5.9	-39.3
10YR-72HR	JA-1	BASE	299.00	12.553	17.500	386	-4.253	4.529	-137.6	114.1
10YR-72HR	K-LAKE-2	BASE	299.00	12.550	17.500	88940	-5.220	0.107	-105.4	22.6
10YR-72HR	KA-21	BASE	299.00	12.543	17.500	293	4.529	-12.176	114.1	-296.0
10YR-72HR	L-LAKE 1	BASE	299.00	12.551	17.500	244018	-6.891	0.000	-166.1	0.0
10YR-72HR	M-LAKE 3	BASE	299.00	12.549	17.500	105783	8.793	0.125	253.3	38.0
10YR-72HR	N-PreDev	BASE	299.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	299.00	4.500	14.500	0	0.232	0.000	60.7	0.0
10YR-72HR	A-DET 6	BASE	301.00	12.556	17.500	306	0.000	0.056	5.2	13.6
10YR-72HR	AA-6D	BASE	301.00	12.555	17.500	19991	0.056	-0.016	13.6	-29.0
10YR-72HR	AB-65	BASE	301.00	12.556	17.500	10552	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	301.00	12.556	17.500	9780	-0.002	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	301.00	12.555	17.500	135	0.000	-0.314	7.5	-26.1
10YR-72HR	BA-5ED	BASE	301.00	12.555	17.500	28046	-0.314	0.009	-26.1	19.6
10YR-72HR	BB-56	BASE	301.00	12.556	17.500	7844	-0.004	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	301.00	12.555	17.500	142	0.000	1.181	8.1	82.5
10YR-72HR	CA-5WD	BASE	301.00	12.554	17.500	28791	1.195	0.023	88.0	-3.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	CB-54	BASE	301.00	12.551	17.500	8477	0.023	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	301.00	12.551	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	301.00	12.551	17.500	23207	0.000	0.034	8.7	9.5
10YR-72HR	E-DET 7E	BASE	301.00	12.556	17.500	135	0.000	0.314	5.8	41.5
10YR-72HR	EA-7ED	BASE	301.00	12.555	17.500	23633	0.314	0.007	41.5	-7.3
10YR-72HR	EB-ME 104	BASE	301.00	12.556	17.500	6705	-0.003	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	301.00	12.558	17.500	174	-0.012	15.237	-11.0	399.1
10YR-72HR	F-DET 7W	BASE	301.00	12.553	17.500	142	0.000	-1.183	8.8	-78.9
10YR-72HR	FA-7WD	BASE	301.00	12.554	17.500	27743	-1.172	0.019	-85.1	12.7
10YR-72HR	FB-7WD	BASE	301.00	12.550	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	301.00	12.550	17.500	11028	0.019	0.023	13.5	9.1
10YR-72HR	G-DET 8E	BASE	301.00	12.549	17.500	138	0.000	0.359	5.1	51.8
10YR-72HR	GA-8ED	BASE	301.00	12.549	17.500	12457	0.359	0.004	51.8	2.7
10YR-72HR	GB-CS 28	BASE	301.00	12.548	17.500	3381	0.005	0.006	10.1	11.1
10YR-72HR	H-DET 8W	BASE	301.00	12.548	17.500	138	0.000	-0.359	6.0	-40.2
10YR-72HR	HA-8WD	BASE	301.00	12.549	17.500	13919	-0.360	0.003	-47.6	0.4
10YR-72HR	HB-CS 5	BASE	301.00	12.548	17.500	4842	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	301.00	12.548	17.500	212	0.000	0.878	3.3	55.9
10YR-72HR	IA-3	BASE	301.00	12.544	17.500	360	7.331	-3.474	214.1	-99.0
10YR-72HR	J-BLDG A	BASE	301.00	12.547	17.500	212	0.000	-0.773	5.9	-39.4
10YR-72HR	JA-1	BASE	301.00	12.550	17.500	386	-4.248	4.531	-138.3	114.9
10YR-72HR	K-LAKE-2	BASE	301.00	12.548	17.500	88928	-5.222	0.104	-106.3	22.6
10YR-72HR	KA-21	BASE	301.00	12.541	17.500	293	4.531	-12.174	114.9	-298.0
10YR-72HR	L-LAKE 1	BASE	301.00	12.548	17.500	243992	-6.890	0.000	-167.3	0.0
10YR-72HR	M-LAKE 3	BASE	301.00	12.547	17.500	105779	8.791	0.122	254.7	38.1
10YR-72HR	N-PreDev	BASE	301.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	301.00	4.500	14.500	0	0.226	0.000	60.7	0.0
10YR-72HR	A-DET 6	BASE	303.00	12.553	17.500	306	0.000	0.056	5.2	13.7
10YR-72HR	AA-6D	BASE	303.00	12.553	17.500	19981	0.056	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	303.00	12.553	17.500	10546	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	303.00	12.553	17.500	9775	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	303.00	12.553	17.500	135	0.000	-0.312	7.5	-26.2
10YR-72HR	BA-5ED	BASE	303.00	12.553	17.500	28034	-0.312	0.009	-26.2	19.6
10YR-72HR	BB-56	BASE	303.00	12.553	17.500	7840	-0.004	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	303.00	12.552	17.500	142	0.000	1.177	8.1	82.6
10YR-72HR	CA-5WD	BASE	303.00	12.551	17.500	28778	1.189	0.022	88.2	-3.4
10YR-72HR	CB-54	BASE	303.00	12.548	17.500	8473	0.022	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	303.00	12.548	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	303.00	12.548	17.500	23200	0.000	0.033	8.7	9.5
10YR-72HR	E-DET 7E	BASE	303.00	12.554	17.500	135	0.000	0.312	5.8	41.5
10YR-72HR	EA-7ED	BASE	303.00	12.553	17.500	23621	0.312	0.007	41.5	-7.3
10YR-72HR	EB-ME 104	BASE	303.00	12.553	17.500	6702	-0.003	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	303.00	12.556	17.500	174	-0.012	15.237	-11.0	401.6
10YR-72HR	F-DET 7W	BASE	303.00	12.551	17.500	142	0.000	-1.178	8.8	-79.1
10YR-72HR	FA-7WD	BASE	303.00	12.552	17.500	27728	-1.168	0.018	-85.3	12.7
10YR-72HR	FB-7WD	BASE	303.00	12.548	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	303.00	12.548	17.500	11022	0.018	0.022	13.5	9.1
10YR-72HR	G-DET 8E	BASE	303.00	12.547	17.500	138	0.000	0.357	5.1	51.9
10YR-72HR	GA-8ED	BASE	303.00	12.546	17.500	12444	0.357	0.004	51.9	2.7
10YR-72HR	GB-CS 28	BASE	303.00	12.545	17.500	3377	0.005	0.006	10.1	11.1
10YR-72HR	H-DET 8W	BASE	303.00	12.546	17.500	138	0.000	-0.357	6.0	-40.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	303.00	12.546	17.500	13904	-0.358	0.003	-47.6	0.4
10YR-72HR	HB-CS 5	BASE	303.00	12.546	17.500	4837	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	303.00	12.546	17.500	212	0.000	0.875	3.3	56.0
10YR-72HR	IA-3	BASE	303.00	12.541	17.500	360	7.330	-3.472	215.3	-99.5
10YR-72HR	J-BLDG A	BASE	303.00	12.545	17.500	212	0.000	-0.770	5.9	-39.5
10YR-72HR	JA-1	BASE	303.00	12.548	17.500	386	-4.242	4.533	-139.1	115.6
10YR-72HR	K-LAKE-2	BASE	303.00	12.545	17.500	88917	-5.223	0.102	-107.2	22.7
10YR-72HR	KA-21	BASE	303.00	12.538	17.500	293	4.533	-12.172	115.6	-300.0
10YR-72HR	L-LAKE 1	BASE	303.00	12.546	17.500	243966	-6.888	0.000	-168.4	0.0
10YR-72HR	M-LAKE 3	BASE	303.00	12.544	17.500	105774	8.788	0.119	256.2	38.1
10YR-72HR	N-PreDev	BASE	303.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	303.00	4.500	14.500	0	0.221	0.000	60.7	0.0
10YR-72HR	A-DET 6	BASE	305.00	12.551	17.500	306	0.000	0.055	5.2	13.7
10YR-72HR	AA-6D	BASE	305.00	12.551	17.500	19971	0.055	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	305.00	12.551	17.500	10541	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	305.00	12.551	17.500	9770	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	305.00	12.551	17.500	135	0.000	-0.310	7.5	-26.2
10YR-72HR	BA-5ED	BASE	305.00	12.551	17.500	28022	-0.310	0.008	-26.2	19.6
10YR-72HR	BB-56	BASE	305.00	12.551	17.500	7837	-0.004	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	305.00	12.550	17.500	142	0.000	1.172	8.1	82.8
10YR-72HR	CA-5WD	BASE	305.00	12.549	17.500	28765	1.184	0.021	88.4	-3.4
10YR-72HR	CB-54	BASE	305.00	12.546	17.500	8469	0.021	0.055	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	305.00	12.546	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	305.00	12.546	17.500	23194	0.055	0.032	8.7	9.5
10YR-72HR	E-DET 7E	BASE	305.00	12.551	17.500	135	0.000	0.310	5.8	41.6
10YR-72HR	EA-7ED	BASE	305.00	12.551	17.500	23610	0.310	0.007	41.6	-7.3
10YR-72HR	EB-ME 104	BASE	305.00	12.551	17.500	6698	-0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	305.00	12.553	17.500	174	-0.011	15.237	-11.0	404.1
10YR-72HR	F-DET 7W	BASE	305.00	12.548	17.500	142	0.000	-1.173	8.8	-79.3
10YR-72HR	FA-7WD	BASE	305.00	12.549	17.500	27714	-1.164	0.018	-85.5	12.7
10YR-72HR	FB-7WD	BASE	305.00	12.545	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	305.00	12.545	17.500	11016	0.018	0.021	13.5	9.1
10YR-72HR	G-DET 8E	BASE	305.00	12.544	17.500	138	0.000	0.355	5.1	52.0
10YR-72HR	GA-8ED	BASE	305.00	12.544	17.500	12431	0.355	0.004	52.0	2.7
10YR-72HR	GB-CS 28	BASE	305.00	12.543	17.500	3374	0.005	0.006	10.1	11.1
10YR-72HR	H-DET 8W	BASE	305.00	12.544	17.500	138	0.000	-0.355	6.0	-40.3
10YR-72HR	HA-8WD	BASE	305.00	12.544	17.500	13890	-0.356	0.003	-47.7	0.4
10YR-72HR	HB-CS 5	BASE	305.00	12.543	17.500	4832	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	305.00	12.543	17.500	212	0.000	0.872	3.3	56.1
10YR-72HR	IA-3	BASE	305.00	12.539	17.500	360	7.328	-3.470	216.5	-100.1
10YR-72HR	J-BLDG A	BASE	305.00	12.542	17.500	212	0.000	-0.767	5.9	-39.6
10YR-72HR	JA-1	BASE	305.00	12.546	17.500	386	-4.237	4.534	-139.8	116.4
10YR-72HR	K-LAKE-2	BASE	305.00	12.543	17.500	88906	-5.225	0.100	-108.0	22.7
10YR-72HR	KA-21	BASE	305.00	12.536	17.500	293	4.534	-12.170	116.4	-302.0
10YR-72HR	L-LAKE 1	BASE	305.00	12.543	17.500	243941	-6.886	0.000	-169.5	0.0
10YR-72HR	M-LAKE 3	BASE	305.00	12.542	17.500	105770	8.786	0.116	257.6	38.1
10YR-72HR	N-PreDev	BASE	305.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	305.00	4.500	14.500	0	0.216	0.000	60.8	0.0
10YR-72HR	A-DET 6	BASE	307.00	12.549	17.500	306	0.000	0.055	5.2	13.7
10YR-72HR	AA-6D	BASE	307.00	12.549	17.500	19961	0.055	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	307.00	12.549	17.500	10536	-0.002	0.000	-2.7	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	AC-63	BASE	307.00	12.549	17.500	9765	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	307.00	12.549	17.500	135	0.000	-0.308	7.5	-26.3
10YR-72HR	BA-5ED	BASE	307.00	12.549	17.500	28010	-0.308	0.008	-26.3	19.6
10YR-72HR	BB-56	BASE	307.00	12.549	17.500	7834	-0.003	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	307.00	12.548	17.500	142	0.000	1.167	8.1	83.0
10YR-72HR	CA-5WD	BASE	307.00	12.547	17.500	28753	1.179	0.020	88.6	-3.4
10YR-72HR	CB-54	BASE	307.00	12.543	17.500	8465	0.020	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	307.00	12.543	17.500	434	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	307.00	12.543	17.500	23187	0.000	0.031	8.7	9.5
10YR-72HR	E-DET 7E	BASE	307.00	12.549	17.500	135	0.000	0.308	5.8	41.6
10YR-72HR	EA-7ED	BASE	307.00	12.549	17.500	23599	0.308	0.007	41.6	-7.3
10YR-72HR	EB-ME 104	BASE	307.00	12.549	17.500	6695	-0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	307.00	12.551	17.500	174	-0.011	15.237	-11.0	406.6
10YR-72HR	F-DET 7W	BASE	307.00	12.546	17.500	142	0.000	-1.169	8.8	-79.5
10YR-72HR	FA-7WD	BASE	307.00	12.547	17.500	27701	-1.160	0.017	-85.7	12.7
10YR-72HR	FB-7WD	BASE	307.00	12.543	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	307.00	12.543	17.500	11011	0.017	0.021	13.5	9.1
10YR-72HR	G-DET 8E	BASE	307.00	12.542	17.500	138	0.000	0.353	5.1	52.0
10YR-72HR	GA-8ED	BASE	307.00	12.542	17.500	12419	0.353	0.004	52.0	2.7
10YR-72HR	GB-CS 28	BASE	307.00	12.541	17.500	3370	0.005	0.006	10.1	11.1
10YR-72HR	H-DET 8W	BASE	307.00	12.542	17.500	138	0.000	-0.352	6.0	-40.4
10YR-72HR	HA-8WD	BASE	307.00	12.542	17.500	13876	-0.353	0.003	-47.7	0.4
10YR-72HR	HB-CS 5	BASE	307.00	12.541	17.500	4827	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	307.00	12.541	17.500	212	0.000	0.868	3.3	56.3
10YR-72HR	IA-3	BASE	307.00	12.537	17.500	360	7.327	-3.467	217.7	-100.7
10YR-72HR	J-BLDG A	BASE	307.00	12.540	17.500	212	0.000	-0.764	5.9	-39.8
10YR-72HR	JA-1	BASE	307.00	12.543	17.500	385	-4.232	4.536	-140.5	117.1
10YR-72HR	K-LAKE-2	BASE	307.00	12.541	17.500	88896	-5.227	0.097	-108.9	22.7
10YR-72HR	KA-21	BASE	307.00	12.534	17.500	293	4.536	-12.168	117.1	-304.1
10YR-72HR	L-LAKE 1	BASE	307.00	12.541	17.500	243916	-6.885	0.000	-170.7	0.0
10YR-72HR	M-LAKE 3	BASE	307.00	12.540	17.500	105766	8.784	0.113	259.1	38.1
10YR-72HR	N-PreDev	BASE	307.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	307.00	4.500	14.500	0	0.211	0.000	60.8	0.0
10YR-72HR	A-DET 6	BASE	309.00	12.547	17.500	306	0.000	0.055	5.2	13.7
10YR-72HR	AA-6D	BASE	309.00	12.547	17.500	19951	0.055	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	309.00	12.547	17.500	10531	-0.002	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	309.00	12.547	17.500	9761	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	309.00	12.547	17.500	135	0.000	-0.306	7.5	-26.3
10YR-72HR	BA-5ED	BASE	309.00	12.547	17.500	27999	-0.306	0.008	-26.3	19.6
10YR-72HR	BB-56	BASE	309.00	12.547	17.500	7831	-0.003	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	309.00	12.546	17.500	142	0.000	1.163	8.1	83.2
10YR-72HR	CA-5WD	BASE	309.00	12.545	17.500	28741	1.174	0.019	88.8	-3.4
10YR-72HR	CB-54	BASE	309.00	12.541	17.500	8461	0.019	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	309.00	12.541	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	309.00	12.541	17.500	23181	0.000	0.030	8.7	9.5
10YR-72HR	E-DET 7E	BASE	309.00	12.547	17.500	135	0.000	0.307	5.8	41.7
10YR-72HR	EA-7ED	BASE	309.00	12.547	17.500	23588	0.307	0.007	41.7	-7.3
10YR-72HR	EB-ME 104	BASE	309.00	12.547	17.500	6692	-0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	309.00	12.549	17.500	174	-0.011	15.237	-11.0	409.2
10YR-72HR	F-DET 7W	BASE	309.00	12.544	17.500	142	0.000	-1.164	8.8	-79.7
10YR-72HR	FA-7WD	BASE	309.00	12.545	17.500	27688	-1.156	0.016	-85.9	12.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	FB-7WD	BASE	309.00	12.540	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	309.00	12.540	17.500	11005	0.016	0.020	13.5	9.1
10YR-72HR	G-DET 8E	BASE	309.00	12.540	17.500	138	0.000	0.351	5.1	52.1
10YR-72HR	GA-8ED	BASE	309.00	12.540	17.500	12407	0.351	0.004	52.1	2.7
10YR-72HR	GB-CS 28	BASE	309.00	12.538	17.500	3367	0.005	0.006	10.1	11.1
10YR-72HR	H-DET 8W	BASE	309.00	12.540	17.500	138	0.000	-0.350	6.0	-40.4
10YR-72HR	HA-8WD	BASE	309.00	12.540	17.500	13862	-0.351	0.003	-47.8	0.4
10YR-72HR	HB-CS 5	BASE	309.00	12.539	17.500	4822	0.003	0.005	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	309.00	12.539	17.500	211	0.000	0.865	3.3	56.4
10YR-72HR	IA-3	BASE	309.00	12.534	17.500	360	7.325	-3.465	218.9	-101.3
10YR-72HR	J-BLDG A	BASE	309.00	12.538	17.500	211	0.000	-0.762	5.9	-39.9
10YR-72HR	JA-1	BASE	309.00	12.541	17.500	385	-4.226	4.538	-141.2	117.9
10YR-72HR	K-LAKE-2	BASE	309.00	12.539	17.500	88885	-5.229	0.095	-109.8	22.7
10YR-72HR	KA-21	BASE	309.00	12.532	17.500	293	4.538	-12.166	117.9	-306.1
10YR-72HR	L-LAKE 1	BASE	309.00	12.539	17.500	243892	-6.883	0.000	-171.8	0.0
10YR-72HR	M-LAKE 3	BASE	309.00	12.538	17.500	105762	8.782	0.111	260.5	38.1
10YR-72HR	N-PreDev	BASE	309.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	309.00	4.500	14.500	0	0.206	0.000	60.8	0.0
10YR-72HR	A-DET 6	BASE	311.00	12.545	17.500	306	0.000	0.054	5.2	13.7
10YR-72HR	AA-6D	BASE	311.00	12.545	17.500	19942	0.054	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	311.00	12.545	17.500	10526	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	311.00	12.545	17.500	9756	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	311.00	12.545	17.500	135	0.000	-0.305	7.5	-26.4
10YR-72HR	BA-5ED	BASE	311.00	12.545	17.500	27988	-0.305	0.008	-26.4	19.6
10YR-72HR	BB-56	BASE	311.00	12.545	17.500	7828	-0.002	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	311.00	12.544	17.500	142	0.000	1.159	8.1	83.4
10YR-72HR	CA-5WD	BASE	311.00	12.543	17.500	28729	1.169	0.018	89.0	-3.4
10YR-72HR	CB-54	BASE	311.00	12.539	17.500	8457	0.018	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	311.00	12.539	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	311.00	12.539	17.500	23174	0.000	0.029	8.7	9.5
10YR-72HR	E-DET 7E	BASE	311.00	12.545	17.500	135	0.000	0.305	5.8	41.7
10YR-72HR	EA-7ED	BASE	311.00	12.545	17.500	23577	0.305	0.006	41.7	-7.3
10YR-72HR	EB-ME 104	BASE	311.00	12.545	17.500	6689	-0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	311.00	12.547	17.500	174	-0.010	15.236	-11.0	411.7
10YR-72HR	F-DET 7W	BASE	311.00	12.542	17.500	142	0.000	-1.160	8.8	-79.9
10YR-72HR	FA-7WD	BASE	311.00	12.543	17.500	27675	-1.153	0.015	-86.1	12.7
10YR-72HR	FB-7WD	BASE	311.00	12.538	17.500	547	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	311.00	12.538	17.500	11000	0.015	0.019	13.5	9.1
10YR-72HR	G-DET 8E	BASE	311.00	12.538	17.500	138	0.000	0.349	5.1	52.1
10YR-72HR	GA-8ED	BASE	311.00	12.538	17.500	12395	0.349	0.003	52.1	2.7
10YR-72HR	GB-CS 28	BASE	311.00	12.536	17.500	3364	0.004	0.005	10.1	11.1
10YR-72HR	H-DET 8W	BASE	311.00	12.538	17.500	138	0.000	-0.348	6.0	-40.5
10YR-72HR	HA-8WD	BASE	311.00	12.538	17.500	13849	-0.349	0.003	-47.8	0.4
10YR-72HR	HB-CS 5	BASE	311.00	12.537	17.500	4818	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	311.00	12.537	17.500	211	0.000	0.862	3.3	56.6
10YR-72HR	IA-3	BASE	311.00	12.532	17.500	360	7.324	-3.463	220.1	-101.8
10YR-72HR	J-BLDG A	BASE	311.00	12.536	17.500	211	0.000	-0.759	5.9	-40.0
10YR-72HR	JA-1	BASE	311.00	12.539	17.500	385	-4.221	4.540	-141.8	118.6
10YR-72HR	K-LAKE-2	BASE	311.00	12.536	17.500	88875	-5.230	0.093	-110.6	22.7
10YR-72HR	KA-21	BASE	311.00	12.529	17.500	293	4.540	-12.164	118.6	-308.1
10YR-72HR	L-LAKE 1	BASE	311.00	12.537	17.500	243868	-6.882	0.000	-172.9	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	311.00	12.536	17.500	105758	8.780	0.108	262.0	38.1
10YR-72HR	N-PreDev	BASE	311.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	311.00	4.500	14.500	0	0.201	0.000	60.9	0.0
10YR-72HR	A-DET 6	BASE	313.00	12.543	17.500	306	0.000	0.054	5.2	13.7
10YR-72HR	AA-6D	BASE	313.00	12.543	17.500	19933	0.054	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	313.00	12.543	17.500	10521	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	313.00	12.543	17.500	9752	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	313.00	12.543	17.500	135	0.000	-0.303	7.5	-26.4
10YR-72HR	BA-5ED	BASE	313.00	12.543	17.500	27978	-0.303	0.007	-26.4	19.6
10YR-72HR	BB-56	BASE	313.00	12.543	17.500	7825	-0.002	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	313.00	12.542	17.500	142	0.000	1.154	8.1	83.6
10YR-72HR	CA-5WD	BASE	313.00	12.541	17.500	28718	1.164	0.017	89.2	-3.4
10YR-72HR	CB-54	BASE	313.00	12.536	17.500	8454	0.017	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	313.00	12.536	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	313.00	12.536	17.500	23168	0.000	0.027	8.7	9.5
10YR-72HR	E-DET 7E	BASE	313.00	12.543	17.500	135	0.000	0.303	5.8	41.8
10YR-72HR	EA-7ED	BASE	313.00	12.543	17.500	23567	0.303	0.006	41.8	-7.3
10YR-72HR	EB-ME 104	BASE	313.00	12.543	17.500	6686	-0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	313.00	12.545	17.500	174	-0.010	15.236	-11.0	414.2
10YR-72HR	F-DET 7W	BASE	313.00	12.540	17.500	142	0.000	-1.156	8.8	-80.1
10YR-72HR	FA-7WD	BASE	313.00	12.541	17.500	27663	-1.149	0.014	-86.3	12.7
10YR-72HR	FB-7WD	BASE	313.00	12.536	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	313.00	12.536	17.500	10994	0.014	0.018	13.5	9.1
10YR-72HR	G-DET 8E	BASE	313.00	12.536	17.500	138	0.000	0.347	5.1	52.2
10YR-72HR	GA-8ED	BASE	313.00	12.536	17.500	12384	0.347	0.003	52.2	2.7
10YR-72HR	GB-CS 28	BASE	313.00	12.534	17.500	3361	0.004	0.005	10.1	11.1
10YR-72HR	H-DET 8W	BASE	313.00	12.536	17.500	138	0.000	-0.346	6.0	-40.5
10YR-72HR	HA-8WD	BASE	313.00	12.536	17.500	13837	-0.347	0.003	-47.9	0.4
10YR-72HR	HB-CS 5	BASE	313.00	12.535	17.500	4813	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	313.00	12.534	17.500	211	0.000	0.859	3.3	56.7
10YR-72HR	IA-3	BASE	313.00	12.530	17.500	360	7.323	-3.460	221.3	-102.4
10YR-72HR	J-BLDG A	BASE	313.00	12.534	17.500	211	0.000	-0.756	5.9	-40.1
10YR-72HR	JA-1	BASE	313.00	12.537	17.500	385	-4.216	4.542	-142.5	119.4
10YR-72HR	K-LAKE-2	BASE	313.00	12.534	17.500	88865	-5.232	0.091	-111.5	22.7
10YR-72HR	KA-21	BASE	313.00	12.527	17.500	293	4.542	-12.162	119.4	-310.1
10YR-72HR	L-LAKE 1	BASE	313.00	12.535	17.500	243845	-6.881	0.000	-174.1	0.0
10YR-72HR	M-LAKE 3	BASE	313.00	12.533	17.500	105755	8.778	0.105	263.4	38.2
10YR-72HR	N-PreDev	BASE	313.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	313.00	4.500	14.500	0	0.196	0.000	60.9	0.0
10YR-72HR	A-DET 6	BASE	315.00	12.541	17.500	306	0.000	0.054	5.2	13.7
10YR-72HR	AA-6D	BASE	315.00	12.541	17.500	19924	0.054	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	315.00	12.541	17.500	10516	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	315.00	12.541	17.500	9748	-0.004	-0.035	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	315.00	12.541	17.500	135	0.000	-0.301	7.5	-26.5
10YR-72HR	BA-5ED	BASE	315.00	12.541	17.500	27968	-0.301	0.007	-26.5	19.6
10YR-72HR	BB-56	BASE	315.00	12.541	17.500	7822	-0.002	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	315.00	12.540	17.500	142	0.000	1.150	8.1	83.8
10YR-72HR	CA-5WD	BASE	315.00	12.539	17.500	28708	1.159	0.016	89.4	-3.4
10YR-72HR	CB-54	BASE	315.00	12.534	17.500	8450	0.016	0.054	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	315.00	12.534	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	315.00	12.534	17.500	23162	0.054	0.026	8.8	9.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	E-DET 7E	BASE	315.00	12.541	17.500	135	0.000	0.302	5.8	41.8
10YR-72HR	EA-7ED	BASE	315.00	12.541	17.500	23557	0.302	0.006	41.8	-7.3
10YR-72HR	EB-ME 104	BASE	315.00	12.541	17.500	6684	-0.036	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	315.00	12.543	17.500	174	-0.010	15.236	-11.0	416.7
10YR-72HR	F-DET 7W	BASE	315.00	12.539	17.500	142	0.000	-1.152	8.8	-80.3
10YR-72HR	FA-7WD	BASE	315.00	12.540	17.500	27651	-1.146	0.014	-86.5	12.7
10YR-72HR	FB-7WD	BASE	315.00	12.534	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	315.00	12.534	17.500	10989	0.014	0.017	13.5	9.1
10YR-72HR	G-DET 8E	BASE	315.00	12.534	17.500	138	0.000	0.345	5.1	52.2
10YR-72HR	GA-8ED	BASE	315.00	12.534	17.500	12373	0.345	0.003	52.2	2.7
10YR-72HR	GB-CS 28	BASE	315.00	12.532	17.500	3358	0.004	0.005	10.1	11.1
10YR-72HR	H-DET 8W	BASE	315.00	12.534	17.500	138	0.000	-0.345	6.0	-40.6
10YR-72HR	HA-8WD	BASE	315.00	12.534	17.500	13824	-0.345	0.003	-48.0	0.4
10YR-72HR	HB-CS 5	BASE	315.00	12.532	17.500	4808	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	315.00	12.532	17.500	211	0.000	0.856	3.3	56.9
10YR-72HR	IA-3	BASE	315.00	12.528	17.500	359	7.321	-3.458	222.6	-103.0
10YR-72HR	J-BLDG A	BASE	315.00	12.532	17.500	211	0.000	-0.753	5.9	-40.3
10YR-72HR	JA-1	BASE	315.00	12.535	17.500	385	-4.211	4.544	-143.2	120.1
10YR-72HR	K-LAKE-2	BASE	315.00	12.532	17.500	88855	-5.233	0.089	-112.4	22.8
10YR-72HR	KA-21	BASE	315.00	12.525	17.500	293	4.544	-12.160	120.1	-312.1
10YR-72HR	L-LAKE 1	BASE	315.00	12.532	17.500	243822	-6.879	0.000	-175.2	0.0
10YR-72HR	M-LAKE 3	BASE	315.00	12.531	17.500	105751	8.776	0.103	264.9	38.2
10YR-72HR	N-PreDev	BASE	315.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	315.00	4.500	14.500	0	0.192	0.000	60.9	0.0
10YR-72HR	A-DET 6	BASE	317.00	12.539	17.500	306	0.000	0.053	5.2	13.7
10YR-72HR	AA-6D	BASE	317.00	12.539	17.500	19915	0.053	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	317.00	12.539	17.500	10512	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	317.00	12.539	17.500	9743	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	317.00	12.539	17.500	135	0.000	-0.300	7.5	-26.5
10YR-72HR	BA-5ED	BASE	317.00	12.539	17.500	27958	-0.300	0.007	-26.5	19.6
10YR-72HR	BB-56	BASE	317.00	12.539	17.500	7819	-0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	317.00	12.538	17.500	142	0.000	1.147	8.1	84.0
10YR-72HR	CA-5WD	BASE	317.00	12.537	17.500	28697	1.155	0.016	89.6	-3.4
10YR-72HR	CB-54	BASE	317.00	12.532	17.500	8447	0.016	0.053	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	317.00	12.532	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	317.00	12.532	17.500	23156	0.053	0.025	8.8	9.5
10YR-72HR	E-DET 7E	BASE	317.00	12.540	17.500	135	0.000	0.300	5.8	41.9
10YR-72HR	EA-7ED	BASE	317.00	12.539	17.500	23548	0.300	0.005	41.9	-7.3
10YR-72HR	EB-ME 104	BASE	317.00	12.539	17.500	6681	-0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	317.00	12.540	17.500	174	-0.009	15.236	-11.0	419.2
10YR-72HR	F-DET 7W	BASE	317.00	12.537	17.500	142	0.000	-1.149	8.8	-80.5
10YR-72HR	FA-7WD	BASE	317.00	12.538	17.500	27640	-1.143	0.013	-86.7	12.7
10YR-72HR	FB-7WD	BASE	317.00	12.531	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	317.00	12.531	17.500	10984	0.013	0.016	13.6	9.1
10YR-72HR	G-DET 8E	BASE	317.00	12.532	17.500	138	0.000	0.343	5.1	52.3
10YR-72HR	GA-8ED	BASE	317.00	12.532	17.500	12363	0.343	0.003	52.3	2.7
10YR-72HR	GB-CS 28	BASE	317.00	12.530	17.500	3355	0.004	0.005	10.1	11.1
10YR-72HR	H-DET 8W	BASE	317.00	12.532	17.500	138	0.000	-0.343	6.0	-40.6
10YR-72HR	HA-8WD	BASE	317.00	12.532	17.500	13813	-0.344	0.003	-48.0	0.4
10YR-72HR	HB-CS 5	BASE	317.00	12.530	17.500	4804	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	317.00	12.530	17.500	211	0.000	0.853	3.3	57.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	317.00	12.526	17.500	359	7.320	-3.456	223.8	-103.5
10YR-72HR	J-BLDG A	BASE	317.00	12.530	17.500	211	0.000	-0.751	5.9	-40.4
10YR-72HR	JA-1	BASE	317.00	12.533	17.500	385	-4.207	4.545	-143.9	120.9
10YR-72HR	K-LAKE-2	BASE	317.00	12.530	17.500	88845	-5.235	0.087	-113.2	22.8
10YR-72HR	KA-21	BASE	317.00	12.523	17.500	293	4.545	-12.159	120.9	-314.1
10YR-72HR	L-LAKE 1	BASE	317.00	12.530	17.500	243800	-6.878	0.000	-176.4	0.0
10YR-72HR	M-LAKE 3	BASE	317.00	12.529	17.500	105747	8.774	0.101	266.3	38.2
10YR-72HR	N-PreDev	BASE	317.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	317.00	4.500	14.500	0	0.188	0.000	61.0	0.0
10YR-72HR	A-DET 6	BASE	319.00	12.537	17.500	306	0.000	0.053	5.2	13.7
10YR-72HR	AA-6D	BASE	319.00	12.537	17.500	19907	0.053	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	319.00	12.537	17.500	10508	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	319.00	12.538	17.500	9740	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	319.00	12.537	17.500	135	0.000	-0.298	7.5	-26.6
10YR-72HR	BA-5ED	BASE	319.00	12.537	17.500	27948	-0.298	0.007	-26.6	19.6
10YR-72HR	BB-56	BASE	319.00	12.538	17.500	7817	-0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	319.00	12.536	17.500	142	0.000	1.143	8.1	84.2
10YR-72HR	CA-5WD	BASE	319.00	12.535	17.500	28687	1.151	0.015	89.8	-3.4
10YR-72HR	CB-54	BASE	319.00	12.530	17.500	8444	0.015	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	319.00	12.530	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	319.00	12.530	17.500	23150	0.000	0.024	8.8	9.5
10YR-72HR	E-DET 7E	BASE	319.00	12.538	17.500	135	0.000	0.299	5.8	41.9
10YR-72HR	EA-7ED	BASE	319.00	12.538	17.500	23538	0.299	0.005	41.9	-7.3
10YR-72HR	EB-ME 104	BASE	319.00	12.538	17.500	6678	0.000	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	319.00	12.538	17.500	174	-0.009	15.236	-11.0	421.8
10YR-72HR	F-DET 7W	BASE	319.00	12.535	17.500	142	0.000	-1.145	8.8	-80.7
10YR-72HR	FA-7WD	BASE	319.00	12.536	17.500	27629	-1.140	0.012	-86.8	12.7
10YR-72HR	FB-7WD	BASE	319.00	12.529	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	319.00	12.529	17.500	10979	0.012	0.015	13.6	9.1
10YR-72HR	G-DET 8E	BASE	319.00	12.531	17.500	137	0.000	0.341	5.1	52.4
10YR-72HR	GA-8ED	BASE	319.00	12.530	17.500	12352	0.341	0.003	52.4	2.7
10YR-72HR	GB-CS 28	BASE	319.00	12.528	17.500	3352	0.004	0.005	10.1	11.1
10YR-72HR	H-DET 8W	BASE	319.00	12.530	17.500	137	0.000	-0.341	6.0	-40.7
10YR-72HR	HA-8WD	BASE	319.00	12.530	17.500	13801	-0.342	0.003	-48.1	0.4
10YR-72HR	HB-CS 5	BASE	319.00	12.528	17.500	4800	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	319.00	12.528	17.500	211	0.000	0.850	3.3	57.1
10YR-72HR	IA-3	BASE	319.00	12.524	17.500	359	7.319	-3.454	225.0	-104.1
10YR-72HR	J-BLDG A	BASE	319.00	12.528	17.500	211	0.000	-0.748	5.9	-40.5
10YR-72HR	JA-1	BASE	319.00	12.531	17.500	385	-4.202	4.547	-144.6	121.6
10YR-72HR	K-LAKE-2	BASE	319.00	12.528	17.500	88836	-5.236	0.085	-114.1	22.8
10YR-72HR	KA-21	BASE	319.00	12.521	17.500	293	4.547	-12.157	121.6	-316.1
10YR-72HR	L-LAKE 1	BASE	319.00	12.528	17.500	243778	-6.877	0.000	-177.5	0.0
10YR-72HR	M-LAKE 3	BASE	319.00	12.527	17.500	105744	8.772	0.098	267.8	38.2
10YR-72HR	N-PreDev	BASE	319.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	319.00	4.500	14.500	0	0.183	0.000	61.0	0.0
10YR-72HR	A-DET 6	BASE	321.00	12.535	17.500	306	0.000	0.053	5.2	13.7
10YR-72HR	AA-6D	BASE	321.00	12.535	17.500	19899	0.053	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	321.00	12.536	17.500	10503	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	321.00	12.536	17.500	9736	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	321.00	12.536	17.500	135	0.000	-0.297	7.5	-26.6
10YR-72HR	BA-5ED	BASE	321.00	12.536	17.500	27939	-0.297	0.007	-26.6	19.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	321.00	12.536	17.500	7814	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	321.00	12.534	17.500	142	0.000	1.139	8.1	84.4
10YR-72HR	CA-5WD	BASE	321.00	12.533	17.500	28678	1.147	0.014	89.9	-3.4
10YR-72HR	CB-54	BASE	321.00	12.528	17.500	8440	0.014	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	321.00	12.528	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	321.00	12.528	17.500	23145	0.000	0.023	8.8	9.5
10YR-72HR	E-DET 7E	BASE	321.00	12.536	17.500	135	0.000	0.298	5.8	42.0
10YR-72HR	EA-7ED	BASE	321.00	12.536	17.500	23530	0.298	0.005	42.0	-7.3
10YR-72HR	EB-ME 104	BASE	321.00	12.536	17.500	6676	0.000	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	321.00	12.536	17.500	174	-0.008	15.236	-11.0	424.3
10YR-72HR	F-DET 7W	BASE	321.00	12.533	17.500	142	0.000	-1.142	8.8	-80.9
10YR-72HR	FA-7WD	BASE	321.00	12.534	17.500	27618	-1.137	0.011	-87.0	12.7
10YR-72HR	FB-7WD	BASE	321.00	12.527	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	321.00	12.527	17.500	10974	0.011	0.015	13.6	9.1
10YR-72HR	G-DET 8E	BASE	321.00	12.529	17.500	137	0.000	0.340	5.1	52.4
10YR-72HR	GA-8ED	BASE	321.00	12.529	17.500	12343	0.340	0.003	52.4	2.7
10YR-72HR	GB-CS 28	BASE	321.00	12.526	17.500	3349	0.003	0.004	10.1	11.1
10YR-72HR	H-DET 8W	BASE	321.00	12.528	17.500	137	0.000	-0.340	6.0	-40.8
10YR-72HR	HA-8WD	BASE	321.00	12.529	17.500	13790	-0.340	0.003	-48.1	0.4
10YR-72HR	HB-CS 5	BASE	321.00	12.526	17.500	4796	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	321.00	12.526	17.500	211	0.000	0.847	3.3	57.3
10YR-72HR	IA-3	BASE	321.00	12.522	17.500	359	7.318	-3.452	226.2	-104.7
10YR-72HR	J-BLDG A	BASE	321.00	12.526	17.500	211	0.000	-0.746	5.9	-40.6
10YR-72HR	JA-1	BASE	321.00	12.529	17.500	385	-4.197	4.549	-145.3	122.4
10YR-72HR	K-LAKE-2	BASE	321.00	12.526	17.500	88826	-5.238	0.083	-115.0	22.8
10YR-72HR	KA-21	BASE	321.00	12.519	17.500	293	4.549	-12.155	122.4	-318.1
10YR-72HR	L-LAKE 1	BASE	321.00	12.526	17.500	243757	-6.876	0.000	-178.6	0.0
10YR-72HR	M-LAKE 3	BASE	321.00	12.525	17.500	105740	8.770	0.096	269.2	38.2
10YR-72HR	N-PreDev	BASE	321.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	321.00	4.500	14.500	0	0.179	0.000	61.0	0.0
10YR-72HR	A-DET 6	BASE	323.00	12.534	17.500	305	0.000	0.052	5.2	13.7
10YR-72HR	AA-6D	BASE	323.00	12.533	17.500	19890	0.052	-0.016	13.7	-29.0
10YR-72HR	AB-65	BASE	323.00	12.534	17.500	10499	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	323.00	12.534	17.500	9732	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	323.00	12.534	17.500	135	0.000	-0.296	7.5	-26.7
10YR-72HR	BA-5ED	BASE	323.00	12.534	17.500	27930	-0.296	0.007	-26.7	19.6
10YR-72HR	BB-56	BASE	323.00	12.534	17.500	7812	0.000	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	323.00	12.533	17.500	142	0.000	1.136	8.1	84.6
10YR-72HR	CA-5WD	BASE	323.00	12.532	17.500	28669	1.143	0.013	90.1	-3.4
10YR-72HR	CB-54	BASE	323.00	12.526	17.500	8437	0.013	0.052	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	323.00	12.526	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	323.00	12.526	17.500	23139	0.052	0.022	8.8	9.5
10YR-72HR	E-DET 7E	BASE	323.00	12.535	17.500	135	0.000	0.296	5.8	42.0
10YR-72HR	EA-7ED	BASE	323.00	12.534	17.500	23521	0.296	0.005	42.0	-7.3
10YR-72HR	EB-ME 104	BASE	323.00	12.534	17.500	6673	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	323.00	12.535	17.500	174	-0.008	15.236	-11.0	426.8
10YR-72HR	F-DET 7W	BASE	323.00	12.532	17.500	142	0.000	-1.139	8.8	-81.0
10YR-72HR	FA-7WD	BASE	323.00	12.533	17.500	27608	-1.134	0.011	-87.2	12.7
10YR-72HR	FB-7WD	BASE	323.00	12.525	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	323.00	12.525	17.500	10970	0.011	0.014	13.6	9.1
10YR-72HR	G-DET 8E	BASE	323.00	12.527	17.500	137	0.000	0.338	5.1	52.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	GA-8ED	BASE	323.00	12.527	17.500	12333	0.338	0.003	52.5	2.7
10YR-72HR	GB-CS 28	BASE	323.00	12.524	17.500	3346	0.003	0.004	10.1	11.1
10YR-72HR	H-DET 8W	BASE	323.00	12.527	17.500	137	0.000	-0.338	6.0	-40.8
10YR-72HR	HA-8WD	BASE	323.00	12.527	17.500	13780	-0.339	0.003	-48.2	0.4
10YR-72HR	HB-CS 5	BASE	323.00	12.524	17.500	4791	0.003	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	323.00	12.524	17.500	211	0.000	0.845	3.3	57.4
10YR-72HR	IA-3	BASE	323.00	12.520	17.500	359	7.316	-3.449	227.4	-105.3
10YR-72HR	J-BLDG A	BASE	323.00	12.524	17.500	211	0.000	-0.743	5.9	-40.8
10YR-72HR	JA-1	BASE	323.00	12.527	17.500	385	-4.193	4.550	-146.0	123.1
10YR-72HR	K-LAKE-2	BASE	323.00	12.524	17.500	88817	-5.239	0.081	-115.8	22.8
10YR-72HR	KA-21	BASE	323.00	12.517	17.500	293	4.550	-12.153	123.1	-320.1
10YR-72HR	L-LAKE 1	BASE	323.00	12.524	17.500	243735	-6.874	0.000	-179.8	0.0
10YR-72HR	M-LAKE 3	BASE	323.00	12.523	17.500	105737	8.768	0.094	270.7	38.2
10YR-72HR	N-PreDev	BASE	323.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	323.00	4.500	14.500	0	0.175	0.000	61.1	0.0
10YR-72HR	A-DET 6	BASE	325.00	12.532	17.500	305	0.000	0.052	5.2	13.8
10YR-72HR	AA-6D	BASE	325.00	12.532	17.500	19882	0.052	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	325.00	12.533	17.500	10495	0.036	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	325.00	12.533	17.500	9728	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	325.00	12.532	17.500	135	0.000	-0.294	7.5	-26.7
10YR-72HR	BA-5ED	BASE	325.00	12.533	17.500	27922	-0.294	0.006	-26.7	19.6
10YR-72HR	BB-56	BASE	325.00	12.533	17.500	7809	0.000	0.040	14.0	6.6
10YR-72HR	C-DET 5W	BASE	325.00	12.531	17.500	142	0.000	1.133	8.1	84.7
10YR-72HR	CA-5WD	BASE	325.00	12.530	17.500	28660	1.139	0.012	90.3	-3.4
10YR-72HR	CB-54	BASE	325.00	12.524	17.500	8434	0.012	0.052	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	325.00	12.524	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	325.00	12.524	17.500	23134	0.052	0.021	8.8	9.5
10YR-72HR	E-DET 7E	BASE	325.00	12.533	17.500	135	0.000	0.295	5.8	42.1
10YR-72HR	EA-7ED	BASE	325.00	12.533	17.500	23513	0.295	0.005	42.1	-7.3
10YR-72HR	EB-ME 104	BASE	325.00	12.533	17.500	6671	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	325.00	12.533	17.500	174	-0.007	15.236	-11.0	429.3
10YR-72HR	F-DET 7W	BASE	325.00	12.530	17.500	142	0.000	-1.135	8.8	-81.2
10YR-72HR	FA-7WD	BASE	325.00	12.531	17.500	27598	-1.131	0.010	-87.4	12.7
10YR-72HR	FB-7WD	BASE	325.00	12.523	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	325.00	12.523	17.500	10965	0.010	0.013	13.6	9.1
10YR-72HR	G-DET 8E	BASE	325.00	12.526	17.500	137	0.000	0.337	5.1	52.5
10YR-72HR	GA-8ED	BASE	325.00	12.525	17.500	12325	0.337	0.003	52.5	2.7
10YR-72HR	GB-CS 28	BASE	325.00	12.522	17.500	3343	0.003	0.004	10.1	11.1
10YR-72HR	H-DET 8W	BASE	325.00	12.525	17.500	137	0.000	-0.337	6.0	-40.9
10YR-72HR	HA-8WD	BASE	325.00	12.526	17.500	13770	-0.337	0.002	-48.2	0.4
10YR-72HR	HB-CS 5	BASE	325.00	12.522	17.500	4787	0.002	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	325.00	12.522	17.500	211	0.000	0.842	3.3	57.6
10YR-72HR	IA-3	BASE	325.00	12.518	17.500	359	7.315	-3.447	228.6	-105.8
10YR-72HR	J-BLDG A	BASE	325.00	12.522	17.500	211	0.000	-0.741	5.9	-40.9
10YR-72HR	JA-1	BASE	325.00	12.525	17.500	385	-4.188	4.552	-146.7	123.9
10YR-72HR	K-LAKE-2	BASE	325.00	12.522	17.500	88808	-5.241	0.079	-116.7	22.8
10YR-72HR	KA-21	BASE	325.00	12.515	17.500	293	4.552	-12.152	123.9	-322.1
10YR-72HR	L-LAKE 1	BASE	325.00	12.522	17.500	243715	-6.873	0.000	-180.9	0.0
10YR-72HR	M-LAKE 3	BASE	325.00	12.522	17.500	105733	8.767	0.092	272.1	38.3
10YR-72HR	N-PreDev	BASE	325.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	325.00	4.500	14.500	0	0.171	0.000	61.1	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	A-DET 6	BASE	327.00	12.530	17.500	305	0.000	0.052	5.2	13.8
10YR-72HR	AA-6D	BASE	327.00	12.530	17.500	19874	0.052	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	327.00	12.531	17.500	10491	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	327.00	12.531	17.500	9725	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	327.00	12.531	17.500	135	0.000	-0.293	7.5	-26.8
10YR-72HR	BA-5ED	BASE	327.00	12.531	17.500	27914	-0.293	0.006	-26.8	19.6
10YR-72HR	BB-56	BASE	327.00	12.531	17.500	7807	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	327.00	12.530	17.500	142	0.000	1.130	8.1	84.9
10YR-72HR	CA-5WD	BASE	327.00	12.529	17.500	28651	1.135	0.011	90.5	-3.4
10YR-72HR	CB-54	BASE	327.00	12.522	17.500	8431	0.011	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	327.00	12.522	17.500	433	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	327.00	12.522	17.500	23128	0.000	0.020	8.8	9.5
10YR-72HR	E-DET 7E	BASE	327.00	12.531	17.500	135	0.000	0.294	5.8	42.1
10YR-72HR	EA-7ED	BASE	327.00	12.531	17.500	23505	0.294	0.005	42.1	-7.3
10YR-72HR	EB-ME 104	BASE	327.00	12.531	17.500	6669	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	327.00	12.531	17.500	174	-0.007	15.236	-11.0	431.8
10YR-72HR	F-DET 7W	BASE	327.00	12.529	17.500	142	0.000	-1.133	8.8	-81.4
10YR-72HR	FA-7WD	BASE	327.00	12.530	17.500	27589	-1.129	0.009	-87.6	12.7
10YR-72HR	FB-7WD	BASE	327.00	12.521	17.500	546	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	327.00	12.521	17.500	10961	0.009	0.012	13.6	9.2
10YR-72HR	G-DET 8E	BASE	327.00	12.524	17.500	137	0.000	0.335	5.1	52.6
10YR-72HR	GA-8ED	BASE	327.00	12.524	17.500	12316	0.335	0.002	52.6	2.7
10YR-72HR	GB-CS 28	BASE	327.00	12.520	17.500	3340	0.003	0.004	10.1	11.1
10YR-72HR	H-DET 8W	BASE	327.00	12.524	17.500	137	0.000	-0.335	6.0	-40.9
10YR-72HR	HA-8WD	BASE	327.00	12.524	17.500	13760	-0.336	0.002	-48.3	0.4
10YR-72HR	HB-CS 5	BASE	327.00	12.520	17.500	4784	0.002	0.004	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	327.00	12.521	17.500	211	0.000	0.839	3.3	57.7
10YR-72HR	IA-3	BASE	327.00	12.516	17.500	359	7.314	-3.446	229.8	-106.4
10YR-72HR	J-BLDG A	BASE	327.00	12.520	17.500	211	0.000	-0.738	5.9	-41.0
10YR-72HR	JA-1	BASE	327.00	12.523	17.500	385	-4.184	4.553	-147.4	124.6
10YR-72HR	K-LAKE-2	BASE	327.00	12.520	17.500	88799	-5.242	0.078	-117.6	22.8
10YR-72HR	KA-21	BASE	327.00	12.513	17.500	293	4.553	-12.150	124.6	-324.2
10YR-72HR	L-LAKE 1	BASE	327.00	12.521	17.500	243694	-6.872	0.000	-182.0	0.0
10YR-72HR	M-LAKE 3	BASE	327.00	12.520	17.500	105730	8.765	0.090	273.6	38.3
10YR-72HR	N-PreDev	BASE	327.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	327.00	4.500	14.500	0	0.168	0.000	61.1	0.0
10YR-72HR	A-DET 6	BASE	329.00	12.528	17.500	305	0.000	0.051	5.2	13.8
10YR-72HR	AA-6D	BASE	329.00	12.528	17.500	19867	0.051	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	329.00	12.530	17.500	10488	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	329.00	12.530	17.500	9721	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	329.00	12.529	17.500	135	0.000	-0.292	7.5	-26.8
10YR-72HR	BA-5ED	BASE	329.00	12.530	17.500	27906	-0.292	0.006	-26.8	19.6
10YR-72HR	BB-56	BASE	329.00	12.530	17.500	7805	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	329.00	12.528	17.500	142	0.000	1.127	8.1	85.1
10YR-72HR	CA-5WD	BASE	329.00	12.527	17.500	28643	1.132	0.011	90.7	-3.4
10YR-72HR	CB-54	BASE	329.00	12.520	17.500	8428	0.011	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	329.00	12.520	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	329.00	12.520	17.500	23123	0.000	0.019	8.8	9.5
10YR-72HR	E-DET 7E	BASE	329.00	12.530	17.500	135	0.000	0.292	5.8	42.2
10YR-72HR	EA-7ED	BASE	329.00	12.530	17.500	23497	0.292	0.005	42.2	-7.3
10YR-72HR	EB-ME 104	BASE	329.00	12.530	17.500	6667	0.001	0.000	-6.7	0.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	EC-CB 32	BASE	329.00	12.529	17.500	174	-0.007	15.236	-11.0	434.3
10YR-72HR	F-DET 7W	BASE	329.00	12.527	17.500	142	0.000	-1.130	8.8	-81.6
10YR-72HR	FA-7WD	BASE	329.00	12.528	17.500	27580	-1.126	0.009	-87.8	12.7
10YR-72HR	FB-7WD	BASE	329.00	12.519	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	329.00	12.519	17.500	10956	0.009	0.012	13.6	9.2
10YR-72HR	G-DET 8E	BASE	329.00	12.523	17.500	137	0.000	0.334	5.1	52.6
10YR-72HR	GA-8ED	BASE	329.00	12.523	17.500	12308	0.334	0.002	52.6	2.7
10YR-72HR	GB-CS 28	BASE	329.00	12.518	17.500	3338	0.003	0.004	10.1	11.1
10YR-72HR	H-DET 8W	BASE	329.00	12.522	17.500	137	0.000	-0.334	6.0	-41.0
10YR-72HR	HA-8WD	BASE	329.00	12.523	17.500	13751	-0.334	0.002	-48.4	0.4
10YR-72HR	HB-CS 5	BASE	329.00	12.519	17.500	4780	0.002	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	329.00	12.519	17.500	211	0.000	0.837	3.3	57.8
10YR-72HR	IA-3	BASE	329.00	12.514	17.500	359	7.313	-3.444	231.0	-107.0
10YR-72HR	J-BLDG A	BASE	329.00	12.518	17.500	211	0.000	-0.736	5.9	-41.1
10YR-72HR	JA-1	BASE	329.00	12.521	17.500	385	-4.180	4.555	-148.1	125.4
10YR-72HR	K-LAKE-2	BASE	329.00	12.518	17.500	88791	-5.243	0.076	-118.4	22.9
10YR-72HR	KA-21	BASE	329.00	12.511	17.500	293	4.555	-12.148	125.4	-326.2
10YR-72HR	L-LAKE 1	BASE	329.00	12.519	17.500	243674	-6.871	0.000	-183.2	0.0
10YR-72HR	M-LAKE 3	BASE	329.00	12.518	17.500	105727	8.763	0.088	275.0	38.3
10YR-72HR	N-PreDev	BASE	329.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	329.00	4.500	14.500	0	0.164	0.000	61.1	0.0
10YR-72HR	A-DET 6	BASE	331.00	12.526	17.500	305	0.000	0.051	5.2	13.8
10YR-72HR	AA-6D	BASE	331.00	12.526	17.500	19859	0.051	-0.015	13.8	-29.1
10YR-72HR	AB-65	BASE	331.00	12.528	17.500	10484	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	331.00	12.528	17.500	9718	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	331.00	12.528	17.500	135	0.000	-0.291	7.5	-26.9
10YR-72HR	BA-5ED	BASE	331.00	12.528	17.500	27898	-0.291	0.005	-26.9	19.6
10YR-72HR	BB-56	BASE	331.00	12.528	17.500	7803	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	331.00	12.527	17.500	142	0.000	1.124	8.1	85.3
10YR-72HR	CA-5WD	BASE	331.00	12.526	17.500	28635	1.129	0.010	90.9	-3.4
10YR-72HR	CB-54	BASE	331.00	12.518	17.500	8425	0.010	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	331.00	12.518	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	331.00	12.518	17.500	23118	0.000	0.018	8.8	9.5
10YR-72HR	E-DET 7E	BASE	331.00	12.529	17.500	135	0.000	0.291	5.8	42.2
10YR-72HR	EA-7ED	BASE	331.00	12.528	17.500	23489	0.291	0.004	42.2	-7.3
10YR-72HR	EB-ME 104	BASE	331.00	12.528	17.500	6664	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	331.00	12.527	17.500	174	-0.007	15.235	-11.0	436.9
10YR-72HR	F-DET 7W	BASE	331.00	12.526	17.500	142	0.000	-1.127	8.8	-81.8
10YR-72HR	FA-7WD	BASE	331.00	12.527	17.500	27571	-1.124	0.008	-88.0	12.7
10YR-72HR	FB-7WD	BASE	331.00	12.517	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	331.00	12.517	17.500	10952	0.008	0.011	13.6	9.2
10YR-72HR	G-DET 8E	BASE	331.00	12.522	17.500	137	0.000	0.333	5.1	52.7
10YR-72HR	GA-8ED	BASE	331.00	12.521	17.500	12301	0.333	0.002	52.7	2.7
10YR-72HR	GB-CS 28	BASE	331.00	12.516	17.500	3335	0.003	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	331.00	12.521	17.500	137	0.000	-0.333	6.0	-41.0
10YR-72HR	HA-8WD	BASE	331.00	12.521	17.500	13743	-0.333	0.002	-48.4	0.4
10YR-72HR	HB-CS 5	BASE	331.00	12.517	17.500	4776	0.002	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	331.00	12.517	17.500	211	0.000	0.834	3.3	58.0
10YR-72HR	IA-3	BASE	331.00	12.513	17.500	359	7.311	-3.442	232.2	-107.5
10YR-72HR	J-BLDG A	BASE	331.00	12.516	17.500	211	0.000	-0.734	5.9	-41.3
10YR-72HR	JA-1	BASE	331.00	12.519	17.500	385	-4.176	4.556	-148.8	126.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	K-LAKE-2	BASE	331.00	12.517	17.500	88782	-5.244	0.074	-119.3	22.9
10YR-72HR	KA-21	BASE	331.00	12.510	17.500	293	4.556	-12.147	126.2	-328.2
10YR-72HR	L-LAKE 1	BASE	331.00	12.517	17.500	243654	-6.870	0.000	-184.3	0.0
10YR-72HR	M-LAKE 3	BASE	331.00	12.516	17.500	105723	8.762	0.086	276.5	38.3
10YR-72HR	N-PreDev	BASE	331.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	331.00	4.500	14.500	0	0.160	0.000	61.2	0.0
10YR-72HR	A-DET 6	BASE	333.00	12.525	17.500	305	0.000	0.051	5.2	13.8
10YR-72HR	AA-6D	BASE	333.00	12.525	17.500	19851	0.051	-0.015	13.8	-29.1
10YR-72HR	AB-65	BASE	333.00	12.527	17.500	10480	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	333.00	12.527	17.500	9714	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	333.00	12.527	17.500	135	0.000	-0.290	7.5	-26.9
10YR-72HR	BA-5ED	BASE	333.00	12.527	17.500	27891	-0.290	0.005	-26.9	19.6
10YR-72HR	BB-56	BASE	333.00	12.527	17.500	7801	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	333.00	12.525	17.500	142	0.000	1.121	8.1	85.5
10YR-72HR	CA-5WD	BASE	333.00	12.524	17.500	28628	1.126	0.009	91.1	-3.4
10YR-72HR	CB-54	BASE	333.00	12.516	17.500	8422	0.009	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	333.00	12.516	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	333.00	12.516	17.500	23113	0.000	0.017	8.8	9.5
10YR-72HR	E-DET 7E	BASE	333.00	12.527	17.500	135	0.000	0.290	5.8	42.3
10YR-72HR	EA-7ED	BASE	333.00	12.527	17.500	23482	0.290	0.004	42.3	-7.3
10YR-72HR	EB-ME 104	BASE	333.00	12.527	17.500	6662	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	333.00	12.525	17.500	174	-0.007	15.235	-11.0	439.4
10YR-72HR	F-DET 7W	BASE	333.00	12.525	17.500	142	0.000	-1.124	8.8	-82.0
10YR-72HR	FA-7WD	BASE	333.00	12.526	17.500	27563	-1.122	0.008	-88.2	12.7
10YR-72HR	FB-7WD	BASE	333.00	12.515	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	333.00	12.515	17.500	10948	0.008	0.010	13.6	9.2
10YR-72HR	G-DET 8E	BASE	333.00	12.520	17.500	137	0.000	0.332	5.1	52.8
10YR-72HR	GA-8ED	BASE	333.00	12.520	17.500	12293	0.332	0.002	52.8	2.7
10YR-72HR	GB-CS 28	BASE	333.00	12.514	17.500	3333	0.002	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	333.00	12.520	17.500	137	0.000	-0.331	6.0	-41.1
10YR-72HR	HA-8WD	BASE	333.00	12.520	17.500	13735	-0.332	0.002	-48.5	0.4
10YR-72HR	HB-CS 5	BASE	333.00	12.515	17.500	4772	0.002	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	333.00	12.515	17.500	211	0.000	0.832	3.3	58.1
10YR-72HR	IA-3	BASE	333.00	12.511	17.500	359	7.310	-3.440	233.4	-108.1
10YR-72HR	J-BLDG A	BASE	333.00	12.514	17.500	211	0.000	-0.731	5.9	-41.4
10YR-72HR	JA-1	BASE	333.00	12.518	17.500	385	-4.172	4.557	-149.5	126.9
10YR-72HR	K-LAKE-2	BASE	333.00	12.515	17.500	88774	-5.246	0.073	-120.2	22.9
10YR-72HR	KA-21	BASE	333.00	12.508	17.500	293	4.557	-12.146	126.9	-330.2
10YR-72HR	L-LAKE 1	BASE	333.00	12.515	17.500	243635	-6.869	0.000	-185.4	0.0
10YR-72HR	M-LAKE 3	BASE	333.00	12.514	17.500	105720	8.760	0.084	277.9	38.3
10YR-72HR	N-PreDev	BASE	333.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	333.00	4.500	14.500	0	0.157	0.000	61.2	0.0
10YR-72HR	A-DET 6	BASE	335.00	12.523	17.500	305	0.000	0.051	5.2	13.8
10YR-72HR	AA-6D	BASE	335.00	12.523	17.500	19843	0.051	-0.015	13.8	-29.1
10YR-72HR	AB-65	BASE	335.00	12.525	17.500	10477	0.035	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	335.00	12.526	17.500	9711	-0.005	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	335.00	12.525	17.500	135	0.000	-0.289	7.5	-27.0
10YR-72HR	BA-5ED	BASE	335.00	12.526	17.500	27884	-0.289	0.005	-27.0	19.6
10YR-72HR	BB-56	BASE	335.00	12.525	17.500	7799	0.001	0.039	14.0	6.6
10YR-72HR	C-DET 5W	BASE	335.00	12.524	17.500	142	0.000	1.119	8.1	85.7
10YR-72HR	CA-5WD	BASE	335.00	12.523	17.500	28621	1.123	0.009	91.3	-3.4

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	CB-54	BASE	335.00	12.514	17.500	8419	0.009	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	335.00	12.514	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	335.00	12.514	17.500	23108	0.000	0.017	8.8	9.5
10YR-72HR	E-DET 7E	BASE	335.00	12.526	17.500	135	0.000	0.289	5.8	42.3
10YR-72HR	EA-7ED	BASE	335.00	12.526	17.500	23476	0.289	0.004	42.3	-7.3
10YR-72HR	EB-ME 104	BASE	335.00	12.526	17.500	6660	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	335.00	12.524	17.500	174	-0.007	15.235	-11.0	441.9
10YR-72HR	F-DET 7W	BASE	335.00	12.524	17.500	142	0.000	-1.122	8.8	-82.2
10YR-72HR	FA-7WD	BASE	335.00	12.525	17.500	27555	-1.119	0.007	-88.3	12.7
10YR-72HR	FB-7WD	BASE	335.00	12.514	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	335.00	12.514	17.500	10944	0.007	0.010	13.6	9.2
10YR-72HR	G-DET 8E	BASE	335.00	12.519	17.500	137	0.000	0.331	5.1	52.8
10YR-72HR	GA-8ED	BASE	335.00	12.519	17.500	12287	0.331	0.002	52.8	2.7
10YR-72HR	GB-CS 28	BASE	335.00	12.513	17.500	3330	0.002	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	335.00	12.519	17.500	137	0.000	-0.330	6.0	-41.1
10YR-72HR	HA-8WD	BASE	335.00	12.519	17.500	13727	-0.331	0.002	-48.5	0.4
10YR-72HR	HB-CS 5	BASE	335.00	12.513	17.500	4769	0.002	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	335.00	12.513	17.500	211	0.000	0.829	3.3	58.2
10YR-72HR	IA-3	BASE	335.00	12.509	17.500	359	7.308	-3.439	234.6	-108.7
10YR-72HR	J-BLDG A	BASE	335.00	12.513	17.500	211	0.000	-0.729	5.9	-41.5
10YR-72HR	JA-1	BASE	335.00	12.516	17.500	385	-4.168	4.558	-150.2	127.7
10YR-72HR	K-LAKE-2	BASE	335.00	12.513	17.500	88765	-5.247	0.071	-121.0	22.9
10YR-72HR	KA-21	BASE	335.00	12.506	17.500	293	4.558	-12.144	127.7	-332.2
10YR-72HR	L-LAKE 1	BASE	335.00	12.513	17.500	243616	-6.868	0.000	-186.6	0.0
10YR-72HR	M-LAKE 3	BASE	335.00	12.513	17.500	105717	8.759	0.082	279.4	38.3
10YR-72HR	N-PreDev	BASE	335.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	335.00	4.500	14.500	0	0.153	0.000	61.2	0.0
10YR-72HR	A-DET 6	BASE	337.00	12.521	17.500	305	0.000	0.050	5.2	13.8
10YR-72HR	AA-6D	BASE	337.00	12.521	17.500	19836	0.050	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	337.00	12.524	17.500	10474	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	337.00	12.524	17.500	9708	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	337.00	12.524	17.500	135	0.000	-0.288	7.5	-27.0
10YR-72HR	BA-5ED	BASE	337.00	12.524	17.500	27878	-0.288	0.005	-27.0	19.6
10YR-72HR	BB-56	BASE	337.00	12.524	17.500	7797	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	337.00	12.523	17.500	142	0.000	1.117	8.1	85.9
10YR-72HR	CA-5WD	BASE	337.00	12.522	17.500	28614	1.120	0.008	91.4	-3.4
10YR-72HR	CB-54	BASE	337.00	12.512	17.500	8417	0.008	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	337.00	12.512	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	337.00	12.512	17.500	23103	0.000	0.016	8.8	9.5
10YR-72HR	E-DET 7E	BASE	337.00	12.525	17.500	135	0.000	0.288	5.8	42.4
10YR-72HR	EA-7ED	BASE	337.00	12.525	17.500	23469	0.288	0.004	42.4	-7.3
10YR-72HR	EB-ME 104	BASE	337.00	12.524	17.500	6659	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	337.00	12.522	17.500	174	-0.007	15.235	-11.0	444.4
10YR-72HR	F-DET 7W	BASE	337.00	12.522	17.500	142	0.000	-1.120	8.8	-82.4
10YR-72HR	FA-7WD	BASE	337.00	12.523	17.500	27547	-1.117	0.007	-88.5	12.7
10YR-72HR	FB-7WD	BASE	337.00	12.512	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	337.00	12.512	17.500	10940	0.007	0.009	13.6	9.2
10YR-72HR	G-DET 8E	BASE	337.00	12.518	17.500	137	0.000	0.330	5.1	52.9
10YR-72HR	GA-8ED	BASE	337.00	12.518	17.500	12280	0.330	0.002	52.9	2.7
10YR-72HR	GB-CS 28	BASE	337.00	12.511	17.500	3328	0.002	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	337.00	12.518	17.500	137	0.000	-0.329	6.0	-41.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	HA-8WD	BASE	337.00	12.518	17.500	13720	-0.330	0.002	-48.6	0.4
10YR-72HR	HB-CS 5	BASE	337.00	12.511	17.500	4765	0.002	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	337.00	12.512	17.500	211	0.000	0.827	3.3	58.4
10YR-72HR	IA-3	BASE	337.00	12.507	17.500	359	7.307	-3.438	235.9	-109.2
10YR-72HR	J-BLDG A	BASE	337.00	12.511	17.500	211	0.000	-0.727	5.9	-41.6
10YR-72HR	JA-1	BASE	337.00	12.514	17.500	385	-4.164	4.559	-150.9	128.4
10YR-72HR	K-LAKE-2	BASE	337.00	12.511	17.500	88757	-5.248	0.070	-121.9	22.9
10YR-72HR	KA-21	BASE	337.00	12.504	17.500	293	4.559	-12.143	128.4	-334.2
10YR-72HR	L-LAKE 1	BASE	337.00	12.512	17.500	243597	-6.867	0.000	-187.7	0.0
10YR-72HR	M-LAKE 3	BASE	337.00	12.511	17.500	105714	8.757	0.080	280.8	38.3
10YR-72HR	N-PreDev	BASE	337.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	337.00	4.500	14.500	0	0.150	0.000	61.2	0.0
10YR-72HR	A-DET 6	BASE	339.00	12.519	17.500	305	0.000	0.050	5.2	13.8
10YR-72HR	AA-6D	BASE	339.00	12.519	17.500	19828	0.050	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	339.00	12.523	17.500	10470	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	339.00	12.523	17.500	9705	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	339.00	12.523	17.500	135	0.000	-0.287	7.5	-27.1
10YR-72HR	BA-5ED	BASE	339.00	12.523	17.500	27871	-0.287	0.004	-27.1	19.6
10YR-72HR	BB-56	BASE	339.00	12.523	17.500	7795	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	339.00	12.522	17.500	142	0.000	1.114	8.1	86.0
10YR-72HR	CA-5WD	BASE	339.00	12.521	17.500	28608	1.118	0.007	91.6	-3.4
10YR-72HR	CB-54	BASE	339.00	12.510	17.500	8414	0.007	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	339.00	12.510	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	339.00	12.510	17.500	23098	0.000	0.015	8.8	9.5
10YR-72HR	E-DET 7E	BASE	339.00	12.524	17.500	135	0.000	0.287	5.8	42.4
10YR-72HR	EA-7ED	BASE	339.00	12.523	17.500	23463	0.287	0.004	42.4	-7.3
10YR-72HR	EB-ME 104	BASE	339.00	12.523	17.500	6657	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	339.00	12.520	17.500	174	-0.007	15.234	-11.0	446.9
10YR-72HR	F-DET 7W	BASE	339.00	12.521	17.500	142	0.000	-1.117	8.8	-82.5
10YR-72HR	FA-7WD	BASE	339.00	12.522	17.500	27540	-1.115	0.006	-88.7	12.7
10YR-72HR	FB-7WD	BASE	339.00	12.510	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	339.00	12.510	17.500	10936	0.006	0.009	13.6	9.2
10YR-72HR	G-DET 8E	BASE	339.00	12.517	17.500	137	0.000	0.329	5.1	52.9
10YR-72HR	GA-8ED	BASE	339.00	12.517	17.500	12275	0.329	0.002	52.9	2.7
10YR-72HR	GB-CS 28	BASE	339.00	12.509	17.500	3326	0.002	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	339.00	12.517	17.500	137	0.000	-0.328	6.0	-41.3
10YR-72HR	HA-8WD	BASE	339.00	12.517	17.500	13714	-0.329	0.002	-48.6	0.4
10YR-72HR	HB-CS 5	BASE	339.00	12.510	17.500	4762	0.002	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	339.00	12.510	17.500	211	0.000	0.824	3.3	58.5
10YR-72HR	IA-3	BASE	339.00	12.506	17.500	359	7.305	-3.436	237.1	-109.8
10YR-72HR	J-BLDG A	BASE	339.00	12.509	17.500	211	0.000	-0.725	5.9	-41.7
10YR-72HR	JA-1	BASE	339.00	12.512	17.500	385	-4.161	4.560	-151.5	129.2
10YR-72HR	K-LAKE-2	BASE	339.00	12.510	17.500	88749	-5.249	0.068	-122.8	22.9
10YR-72HR	KA-21	BASE	339.00	12.503	17.500	293	4.560	-12.142	129.2	-336.2
10YR-72HR	L-LAKE 1	BASE	339.00	12.510	17.500	243578	-6.866	0.000	-188.8	0.0
10YR-72HR	M-LAKE 3	BASE	339.00	12.509	17.500	105711	8.756	0.079	282.3	38.4
10YR-72HR	N-PreDev	BASE	339.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	339.00	4.500	14.500	0	0.147	0.000	61.3	0.0
10YR-72HR	A-DET 6	BASE	341.00	12.518	17.500	305	0.000	0.050	5.2	13.8
10YR-72HR	AA-6D	BASE	341.00	12.517	17.500	19821	0.050	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	341.00	12.522	17.500	10467	-0.004	0.000	-2.7	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	AC-63	BASE	341.00	12.522	17.500	9702	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	341.00	12.522	17.500	135	0.000	-0.286	7.5	-27.1
10YR-72HR	BA-5ED	BASE	341.00	12.522	17.500	27865	-0.286	0.004	-27.1	19.6
10YR-72HR	BB-56	BASE	341.00	12.522	17.500	7793	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	341.00	12.521	17.500	142	0.000	1.112	8.1	86.2
10YR-72HR	CA-5WD	BASE	341.00	12.520	17.500	28601	1.115	0.007	91.8	-3.4
10YR-72HR	CB-54	BASE	341.00	12.509	17.500	8412	0.007	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	341.00	12.509	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	341.00	12.509	17.500	23093	0.000	0.015	8.8	9.5
10YR-72HR	E-DET 7E	BASE	341.00	12.523	17.500	135	0.000	0.286	5.8	42.5
10YR-72HR	EA-7ED	BASE	341.00	12.522	17.500	23457	0.286	0.003	42.5	-7.3
10YR-72HR	EB-ME 104	BASE	341.00	12.522	17.500	6655	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	341.00	12.519	17.500	174	-0.008	15.234	-11.0	449.5
10YR-72HR	F-DET 7W	BASE	341.00	12.520	17.500	142	0.000	-1.115	8.8	-82.7
10YR-72HR	FA-7WD	BASE	341.00	12.521	17.500	27533	-1.113	0.006	-88.9	12.7
10YR-72HR	FB-7WD	BASE	341.00	12.508	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	341.00	12.508	17.500	10932	0.006	0.008	13.6	9.2
10YR-72HR	G-DET 8E	BASE	341.00	12.516	17.500	137	0.000	0.328	5.1	53.0
10YR-72HR	GA-8ED	BASE	341.00	12.516	17.500	12269	0.328	0.002	53.0	2.7
10YR-72HR	GB-CS 28	BASE	341.00	12.508	17.500	3323	0.002	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	341.00	12.516	17.500	137	0.000	-0.328	6.0	-41.3
10YR-72HR	HA-8WD	BASE	341.00	12.516	17.500	13707	-0.328	0.001	-48.7	0.4
10YR-72HR	HB-CS 5	BASE	341.00	12.508	17.500	4759	0.001	0.003	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	341.00	12.508	17.500	211	0.000	0.822	3.3	58.7
10YR-72HR	IA-3	BASE	341.00	12.504	17.500	359	7.304	-3.435	238.3	-110.4
10YR-72HR	J-BLDG A	BASE	341.00	12.507	17.500	211	0.000	-0.723	5.9	-41.9
10YR-72HR	JA-1	BASE	341.00	12.511	17.500	385	-4.158	4.561	-152.2	129.9
10YR-72HR	K-LAKE-2	BASE	341.00	12.508	17.500	88741	-5.250	0.067	-123.6	22.9
10YR-72HR	KA-21	BASE	341.00	12.501	17.500	293	4.561	-12.141	129.9	-338.2
10YR-72HR	L-LAKE 1	BASE	341.00	12.508	17.500	243560	-6.866	0.000	-190.0	0.0
10YR-72HR	M-LAKE 3	BASE	341.00	12.507	17.500	105708	8.755	0.077	283.7	38.4
10YR-72HR	N-PreDev	BASE	341.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	341.00	4.500	14.500	0	0.144	0.000	61.3	0.0
10YR-72HR	A-DET 6	BASE	343.00	12.516	17.500	305	0.000	0.050	5.2	13.8
10YR-72HR	AA-6D	BASE	343.00	12.516	17.500	19813	0.050	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	343.00	12.521	17.500	10464	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	343.00	12.521	17.500	9699	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	343.00	12.521	17.500	135	0.000	-0.285	7.5	-27.2
10YR-72HR	BA-5ED	BASE	343.00	12.521	17.500	27860	-0.285	0.004	-27.2	19.6
10YR-72HR	BB-56	BASE	343.00	12.521	17.500	7792	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	343.00	12.520	17.500	142	0.000	1.110	8.1	86.4
10YR-72HR	CA-5WD	BASE	343.00	12.519	17.500	28596	1.113	0.006	92.0	-3.4
10YR-72HR	CB-54	BASE	343.00	12.507	17.500	8409	0.006	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	343.00	12.507	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	343.00	12.507	17.500	23089	0.000	0.014	8.8	9.5
10YR-72HR	E-DET 7E	BASE	343.00	12.521	17.500	135	0.000	0.285	5.8	42.5
10YR-72HR	EA-7ED	BASE	343.00	12.521	17.500	23452	0.285	0.003	42.5	-7.3
10YR-72HR	EB-ME 104	BASE	343.00	12.521	17.500	6654	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	343.00	12.517	17.500	174	-0.008	15.234	-11.0	452.0
10YR-72HR	F-DET 7W	BASE	343.00	12.519	17.500	142	0.000	-1.113	8.8	-82.9
10YR-72HR	FA-7WD	BASE	343.00	12.520	17.500	27526	-1.111	0.005	-89.1	12.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	FB-7WD	BASE	343.00	12.507	17.500	545	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	343.00	12.507	17.500	10929	0.005	0.008	13.6	9.2
10YR-72HR	G-DET 8E	BASE	343.00	12.515	17.500	137	0.000	0.327	5.1	53.0
10YR-72HR	GA-8ED	BASE	343.00	12.515	17.500	12264	0.327	0.001	53.0	2.7
10YR-72HR	GB-CS 28	BASE	343.00	12.506	17.500	3321	0.002	0.003	10.1	11.1
10YR-72HR	H-DET 8W	BASE	343.00	12.515	17.500	137	0.000	-0.327	6.0	-41.4
10YR-72HR	HA-8WD	BASE	343.00	12.515	17.500	13701	-0.327	0.001	-48.7	0.4
10YR-72HR	HB-CS 5	BASE	343.00	12.506	17.500	4756	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	343.00	12.507	17.500	211	0.000	0.819	3.3	58.8
10YR-72HR	IA-3	BASE	343.00	12.502	17.500	359	7.302	-3.434	239.5	-110.9
10YR-72HR	J-BLDG A	BASE	343.00	12.506	17.500	211	0.000	-0.721	5.9	-42.0
10YR-72HR	JA-1	BASE	343.00	12.509	17.500	385	-4.155	4.562	-152.9	130.7
10YR-72HR	K-LAKE-2	BASE	343.00	12.506	17.500	88733	-5.251	0.065	-124.5	22.9
10YR-72HR	KA-21	BASE	343.00	12.499	17.500	293	4.562	-12.140	130.7	-340.2
10YR-72HR	L-LAKE 1	BASE	343.00	12.507	17.500	243542	-6.865	0.000	-191.1	0.0
10YR-72HR	M-LAKE 3	BASE	343.00	12.506	17.500	105705	8.753	0.075	285.2	38.4
10YR-72HR	N-PreDev	BASE	343.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	343.00	4.500	14.500	0	0.141	0.000	61.3	0.0
10YR-72HR	A-DET 6	BASE	345.00	12.514	17.500	305	0.000	0.049	5.2	13.8
10YR-72HR	AA-6D	BASE	345.00	12.514	17.500	19806	0.049	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	345.00	12.520	17.500	10461	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	345.00	12.520	17.500	9697	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	345.00	12.520	17.500	135	0.000	-0.284	7.5	-27.2
10YR-72HR	BA-5ED	BASE	345.00	12.520	17.500	27855	-0.284	0.004	-27.2	19.6
10YR-72HR	BB-56	BASE	345.00	12.520	17.500	7790	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	345.00	12.519	17.500	142	0.000	1.108	8.1	86.6
10YR-72HR	CA-5WD	BASE	345.00	12.518	17.500	28590	1.111	0.006	92.2	-3.4
10YR-72HR	CB-54	BASE	345.00	12.505	17.500	8407	0.006	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	345.00	12.505	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	345.00	12.505	17.500	23084	0.000	0.013	8.8	9.5
10YR-72HR	E-DET 7E	BASE	345.00	12.521	17.500	135	0.000	0.285	5.8	42.6
10YR-72HR	EA-7ED	BASE	345.00	12.520	17.500	23447	0.285	0.003	42.6	-7.3
10YR-72HR	EB-ME 104	BASE	345.00	12.520	17.500	6652	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	345.00	12.515	17.500	174	-0.009	15.233	-11.0	454.5
10YR-72HR	F-DET 7W	BASE	345.00	12.518	17.500	142	0.000	-1.111	8.8	-83.1
10YR-72HR	FA-7WD	BASE	345.00	12.519	17.500	27520	-1.110	0.005	-89.3	12.7
10YR-72HR	FB-7WD	BASE	345.00	12.505	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	345.00	12.505	17.500	10925	0.005	0.008	13.6	9.2
10YR-72HR	G-DET 8E	BASE	345.00	12.515	17.500	137	0.000	0.326	5.1	53.1
10YR-72HR	GA-8ED	BASE	345.00	12.514	17.500	12259	0.326	0.001	53.1	2.7
10YR-72HR	GB-CS 28	BASE	345.00	12.504	17.500	3319	0.002	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	345.00	12.514	17.500	137	0.000	-0.326	6.0	-41.4
10YR-72HR	HA-8WD	BASE	345.00	12.514	17.500	13696	-0.326	0.001	-48.8	0.4
10YR-72HR	HB-CS 5	BASE	345.00	12.505	17.500	4753	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	345.00	12.505	17.500	211	0.000	0.817	3.3	58.9
10YR-72HR	IA-3	BASE	345.00	12.501	17.500	359	7.301	-3.433	240.7	-111.5
10YR-72HR	J-BLDG A	BASE	345.00	12.504	17.500	211	0.000	-0.718	5.9	-42.1
10YR-72HR	JA-1	BASE	345.00	12.507	17.500	385	-4.151	4.562	-153.6	131.4
10YR-72HR	K-LAKE-2	BASE	345.00	12.505	17.500	88726	-5.252	0.064	-125.4	22.9
10YR-72HR	KA-21	BASE	345.00	12.498	17.500	293	4.562	-12.140	131.4	-342.2
10YR-72HR	L-LAKE 1	BASE	345.00	12.505	17.500	243524	-6.864	0.000	-192.3	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	M-LAKE 3	BASE	345.00	12.504	17.500	105702	8.752	0.074	286.6	38.4
10YR-72HR	N-PreDev	BASE	345.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	345.00	4.500	14.500	0	0.138	0.000	61.3	0.0
10YR-72HR	A-DET 6	BASE	347.00	12.512	17.500	304	0.000	0.049	5.2	13.8
10YR-72HR	AA-6D	BASE	347.00	12.512	17.500	19799	0.049	-0.016	13.8	-29.1
10YR-72HR	AB-65	BASE	347.00	12.519	17.500	10459	-0.004	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	347.00	12.519	17.500	9694	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	347.00	12.519	17.500	135	0.000	-0.283	7.5	-27.3
10YR-72HR	BA-5ED	BASE	347.00	12.519	17.500	27850	-0.283	0.003	-27.3	19.6
10YR-72HR	BB-56	BASE	347.00	12.519	17.500	7789	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	347.00	12.518	17.500	142	0.000	1.106	8.1	86.8
10YR-72HR	CA-5WD	BASE	347.00	12.517	17.500	28585	1.109	0.006	92.4	-3.4
10YR-72HR	CB-54	BASE	347.00	12.504	17.500	8404	0.006	0.050	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	347.00	12.504	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	347.00	12.504	17.500	23080	0.050	0.013	8.8	9.5
10YR-72HR	E-DET 7E	BASE	347.00	12.520	17.500	135	0.000	0.284	5.8	42.6
10YR-72HR	EA-7ED	BASE	347.00	12.519	17.500	23442	0.284	0.003	42.6	-7.3
10YR-72HR	EB-ME 104	BASE	347.00	12.519	17.500	6651	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	347.00	12.514	17.500	174	-0.009	15.233	-11.0	457.0
10YR-72HR	F-DET 7W	BASE	347.00	12.517	17.500	142	0.000	-1.109	8.8	-83.3
10YR-72HR	FA-7WD	BASE	347.00	12.518	17.500	27514	-1.108	0.005	-89.4	12.7
10YR-72HR	FB-7WD	BASE	347.00	12.503	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	347.00	12.503	17.500	10921	0.005	0.007	13.6	9.2
10YR-72HR	G-DET 8E	BASE	347.00	12.514	17.500	137	0.000	0.326	5.1	53.1
10YR-72HR	GA-8ED	BASE	347.00	12.513	17.500	12254	0.326	0.001	53.1	2.7
10YR-72HR	GB-CS 28	BASE	347.00	12.503	17.500	3317	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	347.00	12.513	17.500	137	0.000	-0.325	6.0	-41.5
10YR-72HR	HA-8WD	BASE	347.00	12.514	17.500	13691	-0.326	0.001	-48.8	0.4
10YR-72HR	HB-CS 5	BASE	347.00	12.503	17.500	4749	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	347.00	12.503	17.500	211	0.000	0.815	3.3	59.1
10YR-72HR	IA-3	BASE	347.00	12.499	17.500	359	7.299	-3.432	241.9	-112.1
10YR-72HR	J-BLDG A	BASE	347.00	12.503	17.500	211	0.000	-0.716	5.9	-42.2
10YR-72HR	JA-1	BASE	347.00	12.506	17.500	385	-4.148	4.563	-154.3	132.2
10YR-72HR	K-LAKE-2	BASE	347.00	12.503	17.500	88718	-5.253	0.063	-126.2	23.0
10YR-72HR	KA-21	BASE	347.00	12.496	17.500	293	4.563	-12.139	132.2	-344.2
10YR-72HR	L-LAKE 1	BASE	347.00	12.503	17.500	243507	-6.863	0.000	-193.4	0.0
10YR-72HR	M-LAKE 3	BASE	347.00	12.503	17.500	105699	8.751	0.072	288.1	38.4
10YR-72HR	N-PreDev	BASE	347.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	347.00	4.500	14.500	0	0.135	0.000	61.4	0.0
10YR-72HR	A-DET 6	BASE	349.00	12.510	17.500	304	0.000	0.049	5.2	13.9
10YR-72HR	AA-6D	BASE	349.00	12.510	17.500	19791	0.049	-0.017	13.9	-29.1
10YR-72HR	AB-65	BASE	349.00	12.518	17.500	10456	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	349.00	12.518	17.500	9691	-0.004	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	349.00	12.518	17.500	135	0.000	-0.283	7.5	-27.3
10YR-72HR	BA-5ED	BASE	349.00	12.518	17.500	27845	-0.283	0.003	-27.3	19.6
10YR-72HR	BB-56	BASE	349.00	12.518	17.500	7787	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	349.00	12.517	17.500	142	0.000	1.105	8.1	87.0
10YR-72HR	CA-5WD	BASE	349.00	12.516	17.500	28580	1.107	0.005	92.5	-3.4
10YR-72HR	CB-54	BASE	349.00	12.502	17.500	8402	0.005	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	349.00	12.502	17.500	432	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	349.00	12.502	17.500	23075	0.000	0.012	8.8	9.6

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
10YR-72HR	E-DET 7E	BASE	349.00	12.519	17.500	135	0.000	0.283	5.8	42.7
10YR-72HR	EA-7ED	BASE	349.00	12.518	17.500	23437	0.283	0.003	42.7	-7.3
10YR-72HR	EB-ME 104	BASE	349.00	12.518	17.500	6649	0.002	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	349.00	12.512	17.500	174	-0.010	15.233	-11.0	459.5
10YR-72HR	F-DET 7W	BASE	349.00	12.517	17.500	142	0.000	-1.108	8.8	-83.5
10YR-72HR	FA-7WD	BASE	349.00	12.518	17.500	27508	-1.106	0.004	-89.6	12.7
10YR-72HR	FB-7WD	BASE	349.00	12.502	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	349.00	12.502	17.500	10918	0.004	0.007	13.6	9.2
10YR-72HR	G-DET 8E	BASE	349.00	12.513	17.500	137	0.000	0.325	5.1	53.2
10YR-72HR	GA-8ED	BASE	349.00	12.513	17.500	12250	0.325	0.001	53.2	2.7
10YR-72HR	GB-CS 28	BASE	349.00	12.501	17.500	3315	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	349.00	12.513	17.500	137	0.000	-0.325	6.0	-41.5
10YR-72HR	HA-8WD	BASE	349.00	12.513	17.500	13686	-0.325	0.001	-48.9	0.4
10YR-72HR	HB-CS 5	BASE	349.00	12.501	17.500	4746	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	349.00	12.502	17.500	211	0.000	0.813	3.3	59.2
10YR-72HR	IA-3	BASE	349.00	12.497	17.500	359	7.298	-3.431	243.1	-112.6
10YR-72HR	J-BLDG A	BASE	349.00	12.501	17.500	211	0.000	-0.714	5.9	-42.3
10YR-72HR	JA-1	BASE	349.00	12.504	17.500	385	-4.145	4.564	-155.0	132.9
10YR-72HR	K-LAKE-2	BASE	349.00	12.501	17.500	88711	-5.254	0.061	-127.1	23.0
10YR-72HR	KA-21	BASE	349.00	12.494	17.500	293	4.564	-12.138	132.9	-346.2
10YR-72HR	L-LAKE 1	BASE	349.00	12.502	17.500	243490	-6.862	0.000	-194.5	0.0
10YR-72HR	M-LAKE 3	BASE	349.00	12.501	17.500	105696	8.750	0.071	289.5	38.4
10YR-72HR	N-PreDev	BASE	349.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	349.00	4.500	14.500	0	0.132	0.000	61.4	0.0
10YR-72HR	A-DET 6	BASE	351.00	12.509	17.500	304	0.000	0.048	5.2	13.9
10YR-72HR	AA-6D	BASE	351.00	12.509	17.500	19784	0.048	-0.017	13.9	-29.1
10YR-72HR	AB-65	BASE	351.00	12.517	17.500	10453	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	351.00	12.517	17.500	9689	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	351.00	12.517	17.500	135	0.000	-0.282	7.5	-27.4
10YR-72HR	BA-5ED	BASE	351.00	12.517	17.500	27841	-0.282	0.003	-27.4	19.6
10YR-72HR	BB-56	BASE	351.00	12.517	17.500	7786	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	351.00	12.516	17.500	142	0.000	1.103	8.1	87.1
10YR-72HR	CA-5WD	BASE	351.00	12.515	17.500	28575	1.105	0.005	92.7	-3.4
10YR-72HR	CB-54	BASE	351.00	12.500	17.500	8400	0.005	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	351.00	12.500	17.500	431	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	351.00	12.500	17.500	23071	0.000	0.012	8.8	9.6
10YR-72HR	E-DET 7E	BASE	351.00	12.518	17.500	135	0.000	0.283	5.8	42.7
10YR-72HR	EA-7ED	BASE	351.00	12.518	17.500	23433	0.283	0.003	42.7	-7.3
10YR-72HR	EB-ME 104	BASE	351.00	12.517	17.500	6648	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	351.00	12.510	17.500	174	-0.010	15.232	-11.0	462.0
10YR-72HR	F-DET 7W	BASE	351.00	12.516	17.500	142	0.000	-1.106	8.8	-83.6
10YR-72HR	FA-7WD	BASE	351.00	12.517	17.500	27503	-1.105	0.004	-89.8	12.7
10YR-72HR	FB-7WD	BASE	351.00	12.500	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	351.00	12.500	17.500	10915	0.004	0.007	13.6	9.2
10YR-72HR	G-DET 8E	BASE	351.00	12.512	17.500	137	0.000	0.324	5.1	53.2
10YR-72HR	GA-8ED	BASE	351.00	12.512	17.500	12246	0.324	0.001	53.2	2.7
10YR-72HR	GB-CS 28	BASE	351.00	12.499	17.500	3314	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	351.00	12.512	17.500	137	0.000	-0.324	6.0	-41.6
10YR-72HR	HA-8WD	BASE	351.00	12.512	17.500	13681	-0.324	0.001	-49.0	0.4
10YR-72HR	HB-CS 5	BASE	351.00	12.500	17.500	4744	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	351.00	12.500	17.500	211	0.000	0.810	3.3	59.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	IA-3	BASE	351.00	12.496	17.500	359	7.296	-3.430	244.3	-113.2
10YR-72HR	J-BLDG A	BASE	351.00	12.499	17.500	211	0.000	-0.712	5.9	-42.5
10YR-72HR	JA-1	BASE	351.00	12.503	17.500	385	-4.143	4.564	-155.7	133.7
10YR-72HR	K-LAKE-2	BASE	351.00	12.500	17.500	88703	-5.255	0.060	-128.0	23.0
10YR-72HR	KA-21	BASE	351.00	12.493	17.500	293	4.564	-12.137	133.7	-348.2
10YR-72HR	L-LAKE 1	BASE	351.00	12.500	17.500	243473	-6.861	0.000	-195.7	0.0
10YR-72HR	M-LAKE 3	BASE	351.00	12.499	17.500	105693	8.749	0.069	290.9	38.4
10YR-72HR	N-PreDev	BASE	351.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	351.00	4.500	14.500	0	0.129	0.000	61.4	0.0
10YR-72HR	A-DET 6	BASE	353.00	12.507	17.500	304	0.000	0.048	5.2	13.9
10YR-72HR	AA-6D	BASE	353.00	12.507	17.500	19777	0.048	-0.017	13.9	-29.1
10YR-72HR	AB-65	BASE	353.00	12.516	17.500	10451	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	353.00	12.516	17.500	9687	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	353.00	12.516	17.500	135	0.000	-0.282	7.5	-27.4
10YR-72HR	BA-5ED	BASE	353.00	12.517	17.500	27837	-0.282	0.003	-27.4	19.6
10YR-72HR	BB-56	BASE	353.00	12.516	17.500	7785	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	353.00	12.516	17.500	142	0.000	1.102	8.1	87.3
10YR-72HR	CA-5WD	BASE	353.00	12.515	17.500	28571	1.103	0.004	92.9	-3.4
10YR-72HR	CB-54	BASE	353.00	12.499	17.500	8400	0.004	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	353.00	12.499	17.500	431	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	353.00	12.499	17.500	20338	0.000	0.011	8.8	9.6
10YR-72HR	E-DET 7E	BASE	353.00	12.517	17.500	135	0.000	0.282	5.8	42.8
10YR-72HR	EA-7ED	BASE	353.00	12.517	17.500	23429	0.282	0.002	42.8	-7.3
10YR-72HR	EB-ME 104	BASE	353.00	12.516	17.500	6647	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	353.00	12.509	17.500	174	-0.011	15.232	-11.0	464.6
10YR-72HR	F-DET 7W	BASE	353.00	12.515	17.500	142	0.000	-1.104	8.8	-83.8
10YR-72HR	FA-7WD	BASE	353.00	12.516	17.500	27498	-1.103	0.004	-90.0	12.7
10YR-72HR	FB-7WD	BASE	353.00	12.499	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	353.00	12.499	17.500	10915	0.004	0.006	13.6	9.2
10YR-72HR	G-DET 8E	BASE	353.00	12.512	17.500	137	0.000	0.324	5.1	53.3
10YR-72HR	GA-8ED	BASE	353.00	12.511	17.500	12243	0.324	0.001	53.3	2.7
10YR-72HR	GB-CS 28	BASE	353.00	12.498	17.500	3314	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	353.00	12.511	17.500	137	0.000	-0.323	6.0	-41.6
10YR-72HR	HA-8WD	BASE	353.00	12.512	17.500	13678	-0.324	0.001	-49.0	0.4
10YR-72HR	HB-CS 5	BASE	353.00	12.498	17.500	4744	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	353.00	12.499	17.500	211	0.000	0.808	3.3	59.5
10YR-72HR	IA-3	BASE	353.00	12.494	17.500	359	7.294	-3.429	245.5	-113.8
10YR-72HR	J-BLDG A	BASE	353.00	12.498	17.500	211	0.000	-0.711	5.9	-42.6
10YR-72HR	JA-1	BASE	353.00	12.501	17.500	384	-4.140	4.565	-156.3	134.4
10YR-72HR	K-LAKE-2	BASE	353.00	12.498	17.500	88696	-5.257	0.059	-128.8	23.0
10YR-72HR	KA-21	BASE	353.00	12.491	17.500	293	4.565	-12.137	134.4	-350.2
10YR-72HR	L-LAKE 1	BASE	353.00	12.499	17.500	243456	-6.861	0.000	-196.8	0.0
10YR-72HR	M-LAKE 3	BASE	353.00	12.498	17.500	105691	8.748	0.068	292.4	38.4
10YR-72HR	N-PreDev	BASE	353.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	353.00	4.500	14.500	0	0.127	0.000	61.4	0.0
10YR-72HR	A-DET 6	BASE	355.00	12.505	17.500	304	0.000	0.048	5.2	13.9
10YR-72HR	AA-6D	BASE	355.00	12.505	17.500	19770	0.048	-0.017	13.9	-29.1
10YR-72HR	AB-65	BASE	355.00	12.516	17.500	10448	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	355.00	12.516	17.500	9684	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	355.00	12.516	17.500	135	0.000	-0.281	7.5	-27.5
10YR-72HR	BA-5ED	BASE	355.00	12.516	17.500	27833	-0.281	0.003	-27.5	19.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	BB-56	BASE	355.00	12.516	17.500	7784	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	355.00	12.515	17.500	142	0.000	1.100	8.1	87.5
10YR-72HR	CA-5WD	BASE	355.00	12.514	17.500	28568	1.102	0.004	93.1	-3.4
10YR-72HR	CB-54	BASE	355.00	12.497	17.500	8399	0.004	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	355.00	12.497	17.500	431	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	355.00	12.497	17.500	16691	0.000	0.010	8.8	9.6
10YR-72HR	E-DET 7E	BASE	355.00	12.516	17.500	135	0.000	0.281	5.8	42.8
10YR-72HR	EA-7ED	BASE	355.00	12.516	17.500	23425	0.281	0.002	42.8	-7.3
10YR-72HR	EB-ME 104	BASE	355.00	12.516	17.500	6646	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	355.00	12.507	17.500	174	-0.011	15.231	-11.0	467.1
10YR-72HR	F-DET 7W	BASE	355.00	12.514	17.500	142	0.000	-1.103	8.8	-84.0
10YR-72HR	FA-7WD	BASE	355.00	12.515	17.500	27495	-1.102	0.003	-90.2	12.7
10YR-72HR	FB-7WD	BASE	355.00	12.497	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	355.00	12.497	17.500	10914	0.003	0.006	13.6	9.2
10YR-72HR	G-DET 8E	BASE	355.00	12.511	17.500	137	0.000	0.323	5.1	53.3
10YR-72HR	GA-8ED	BASE	355.00	12.511	17.500	12240	0.323	0.001	53.3	2.7
10YR-72HR	GB-CS 28	BASE	355.00	12.496	17.500	3314	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	355.00	12.511	17.500	137	0.000	-0.323	6.0	-41.7
10YR-72HR	HA-8WD	BASE	355.00	12.511	17.500	13674	-0.323	0.001	-49.1	0.4
10YR-72HR	HB-CS 5	BASE	355.00	12.497	17.500	4744	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	355.00	12.497	17.500	210	0.000	0.806	3.3	59.6
10YR-72HR	IA-3	BASE	355.00	12.493	17.500	359	7.293	-3.428	246.7	-114.3
10YR-72HR	J-BLDG A	BASE	355.00	12.496	17.500	211	0.000	-0.709	5.9	-42.7
10YR-72HR	JA-1	BASE	355.00	12.500	17.500	384	-4.137	4.565	-157.0	135.2
10YR-72HR	K-LAKE-2	BASE	355.00	12.497	17.500	88689	-5.258	0.058	-129.7	23.0
10YR-72HR	KA-21	BASE	355.00	12.490	17.500	293	4.565	-12.136	135.2	-352.2
10YR-72HR	L-LAKE 1	BASE	355.00	12.497	17.500	243439	-6.861	0.000	-197.9	0.0
10YR-72HR	M-LAKE 3	BASE	355.00	12.496	17.500	105688	8.746	0.066	293.8	38.5
10YR-72HR	N-PreDev	BASE	355.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	355.00	4.500	14.500	0	0.124	0.000	61.5	0.0
10YR-72HR	A-DET 6	BASE	357.00	12.503	17.500	304	0.000	0.048	5.2	13.9
10YR-72HR	AA-6D	BASE	357.00	12.503	17.500	19764	0.048	-0.018	13.9	-29.1
10YR-72HR	AB-65	BASE	357.00	12.515	17.500	10446	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	357.00	12.515	17.500	9682	-0.003	-0.033	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	357.00	12.515	17.500	135	0.000	-0.280	7.5	-27.5
10YR-72HR	BA-5ED	BASE	357.00	12.515	17.500	27829	-0.280	0.003	-27.5	19.6
10YR-72HR	BB-56	BASE	357.00	12.515	17.500	7783	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	357.00	12.514	17.500	142	0.000	1.099	8.1	87.7
10YR-72HR	CA-5WD	BASE	357.00	12.513	17.500	28565	1.101	0.004	93.3	-3.4
10YR-72HR	CB-54	BASE	357.00	12.496	17.500	8399	0.004	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	357.00	12.496	17.500	431	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	357.00	12.496	17.500	13089	0.000	0.008	8.8	9.6
10YR-72HR	E-DET 7E	BASE	357.00	12.516	17.500	135	0.000	0.281	5.8	42.8
10YR-72HR	EA-7ED	BASE	357.00	12.515	17.500	23421	0.281	0.002	42.8	-7.3
10YR-72HR	EB-ME 104	BASE	357.00	12.515	17.500	6645	-0.032	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	357.00	12.506	17.500	174	-0.012	15.231	-11.0	469.6
10YR-72HR	F-DET 7W	BASE	357.00	12.514	17.500	142	0.000	-1.102	8.8	-84.2
10YR-72HR	FA-7WD	BASE	357.00	12.515	17.500	27491	-1.101	0.003	-90.4	12.7
10YR-72HR	FB-7WD	BASE	357.00	12.496	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	357.00	12.496	17.500	10914	0.003	0.005	13.6	9.2
10YR-72HR	G-DET 8E	BASE	357.00	12.511	17.500	137	0.000	0.323	5.1	53.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	GA-8ED	BASE	357.00	12.510	17.500	12237	0.323	0.001	53.4	2.7
10YR-72HR	GB-CS 28	BASE	357.00	12.495	17.500	3313	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	357.00	12.510	17.500	137	0.000	-0.322	6.0	-41.7
10YR-72HR	HA-8WD	BASE	357.00	12.511	17.500	13672	-0.323	0.001	-49.1	0.4
10YR-72HR	HB-CS 5	BASE	357.00	12.495	17.500	4743	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	357.00	12.496	17.500	210	0.000	0.804	3.3	59.7
10YR-72HR	IA-3	BASE	357.00	12.491	17.500	359	7.292	-3.427	247.9	-114.9
10YR-72HR	J-BLDG A	BASE	357.00	12.495	17.500	210	0.000	-0.707	5.9	-42.8
10YR-72HR	JA-1	BASE	357.00	12.498	17.500	384	-4.134	4.566	-157.7	136.0
10YR-72HR	K-LAKE-2	BASE	357.00	12.495	17.500	88681	-5.259	0.056	-130.6	23.0
10YR-72HR	KA-21	BASE	357.00	12.488	17.500	293	4.566	-12.135	136.0	-354.3
10YR-72HR	L-LAKE 1	BASE	357.00	12.495	17.500	243423	-6.861	0.000	-199.1	0.0
10YR-72HR	M-LAKE 3	BASE	357.00	12.495	17.500	105685	8.745	0.065	295.3	38.5
10YR-72HR	N-PreDev	BASE	357.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	357.00	4.500	14.500	0	0.121	0.000	61.5	0.0
10YR-72HR	A-DET 6	BASE	359.00	12.502	17.500	304	0.000	0.047	5.2	13.9
10YR-72HR	AA-6D	BASE	359.00	12.502	17.500	19757	0.047	-0.018	13.9	-29.1
10YR-72HR	AB-65	BASE	359.00	12.514	17.500	10444	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	359.00	12.514	17.500	9680	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	359.00	12.514	17.500	135	0.000	-0.280	7.5	-27.5
10YR-72HR	BA-5ED	BASE	359.00	12.515	17.500	27826	-0.280	0.002	-27.5	19.6
10YR-72HR	BB-56	BASE	359.00	12.514	17.500	7782	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	359.00	12.514	17.500	142	0.000	1.098	8.1	87.9
10YR-72HR	CA-5WD	BASE	359.00	12.513	17.500	28562	1.099	0.003	93.5	-3.4
10YR-72HR	CB-54	BASE	359.00	12.494	17.500	8399	0.003	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	359.00	12.494	17.500	431	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	359.00	12.494	17.500	9532	0.000	0.007	8.8	9.6
10YR-72HR	E-DET 7E	BASE	359.00	12.515	17.500	135	0.000	0.280	5.8	42.9
10YR-72HR	EA-7ED	BASE	359.00	12.515	17.500	23418	0.280	0.002	42.9	-7.3
10YR-72HR	EB-ME 104	BASE	359.00	12.514	17.500	6644	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	359.00	12.504	17.500	174	-0.012	15.231	-11.0	472.1
10YR-72HR	F-DET 7W	BASE	359.00	12.513	17.500	142	0.000	-1.101	8.8	-84.4
10YR-72HR	FA-7WD	BASE	359.00	12.514	17.500	27488	-1.100	0.003	-90.5	12.7
10YR-72HR	FB-7WD	BASE	359.00	12.494	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	359.00	12.494	17.500	10913	0.003	0.005	13.6	9.2
10YR-72HR	G-DET 8E	BASE	359.00	12.510	17.500	137	0.000	0.322	5.1	53.5
10YR-72HR	GA-8ED	BASE	359.00	12.510	17.500	12235	0.322	0.001	53.5	2.7
10YR-72HR	GB-CS 28	BASE	359.00	12.493	17.500	3313	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	359.00	12.510	17.500	137	0.000	-0.322	6.0	-41.8
10YR-72HR	HA-8WD	BASE	359.00	12.510	17.500	13669	-0.322	0.001	-49.2	0.4
10YR-72HR	HB-CS 5	BASE	359.00	12.494	17.500	4743	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	359.00	12.494	17.500	210	0.000	0.802	3.3	59.9
10YR-72HR	IA-3	BASE	359.00	12.490	17.500	359	7.290	-3.426	249.1	-115.5
10YR-72HR	J-BLDG A	BASE	359.00	12.493	17.500	210	0.000	-0.705	5.9	-42.9
10YR-72HR	JA-1	BASE	359.00	12.496	17.500	384	-4.130	4.567	-158.4	136.7
10YR-72HR	K-LAKE-2	BASE	359.00	12.494	17.500	88674	-5.260	0.055	-131.4	23.0
10YR-72HR	KA-21	BASE	359.00	12.487	17.500	293	4.567	-12.134	136.7	-356.3
10YR-72HR	L-LAKE 1	BASE	359.00	12.494	17.500	243406	-6.860	0.000	-200.2	0.0
10YR-72HR	M-LAKE 3	BASE	359.00	12.493	17.500	105682	8.744	0.063	296.7	38.5
10YR-72HR	N-PreDev	BASE	359.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	359.00	4.500	14.500	0	0.119	0.000	61.5	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
10YR-72HR	A-DET 6	BASE	360.00	12.501	17.500	304	0.000	0.047	5.2	13.9
10YR-72HR	AA-6D	BASE	360.00	12.501	17.500	19754	0.047	-0.018	13.9	-29.1
10YR-72HR	AB-65	BASE	360.00	12.514	17.500	10443	-0.003	0.000	-2.7	0.0
10YR-72HR	AC-63	BASE	360.00	12.514	17.500	9679	-0.003	0.000	-8.8	-5.6
10YR-72HR	B-DET 5E	BASE	360.00	12.514	17.500	135	0.000	-0.280	7.5	-27.6
10YR-72HR	BA-5ED	BASE	360.00	12.514	17.500	27824	-0.280	0.002	-27.6	19.6
10YR-72HR	BB-56	BASE	360.00	12.514	17.500	7781	0.001	0.000	14.0	6.6
10YR-72HR	C-DET 5W	BASE	360.00	12.514	17.500	142	0.000	1.098	8.1	88.0
10YR-72HR	CA-5WD	BASE	360.00	12.513	17.500	28560	1.099	0.003	93.5	-3.4
10YR-72HR	CB-54	BASE	360.00	12.493	17.500	8398	0.003	0.000	-3.4	7.9
10YR-72HR	D-DET 4N	BASE	360.00	12.493	17.500	431	0.000	0.000	2.2	-0.2
10YR-72HR	DA-DET 4	BASE	360.00	12.493	17.500	7771	0.000	0.007	8.8	9.6
10YR-72HR	E-DET 7E	BASE	360.00	12.515	17.500	135	0.000	0.280	5.8	42.9
10YR-72HR	EA-7ED	BASE	360.00	12.515	17.500	23416	0.280	0.002	42.9	-7.3
10YR-72HR	EB-ME 104	BASE	360.00	12.514	17.500	6643	0.001	0.000	-6.7	0.0
10YR-72HR	EC-CB 32	BASE	360.00	12.504	17.500	174	-0.012	15.231	-11.0	473.4
10YR-72HR	F-DET 7W	BASE	360.00	12.513	17.500	142	0.000	-1.100	8.8	-84.5
10YR-72HR	FA-7WD	BASE	360.00	12.514	17.500	27486	-1.100	0.003	-90.6	12.7
10YR-72HR	FB-7WD	BASE	360.00	12.493	17.500	544	0.000	0.000	2.5	0.9
10YR-72HR	FC-CS 4	BASE	360.00	12.493	17.500	10913	0.003	0.005	13.6	9.2
10YR-72HR	G-DET 8E	BASE	360.00	12.510	17.500	137	0.000	0.322	5.1	53.5
10YR-72HR	GA-8ED	BASE	360.00	12.510	17.500	12234	0.322	0.001	53.5	2.7
10YR-72HR	GB-CS 28	BASE	360.00	12.493	17.500	3313	0.001	0.002	10.1	11.1
10YR-72HR	H-DET 8W	BASE	360.00	12.510	17.500	137	0.000	-0.322	6.0	-41.8
10YR-72HR	HA-8WD	BASE	360.00	12.510	17.500	13668	-0.322	0.001	-49.2	0.4
10YR-72HR	HB-CS 5	BASE	360.00	12.493	17.500	4743	0.001	0.002	0.4	-1.1
10YR-72HR	I-BLDG B	BASE	360.00	12.493	17.500	210	0.000	0.801	3.3	59.9
10YR-72HR	IA-3	BASE	360.00	12.489	17.500	359	7.290	-3.425	249.7	-115.8
10YR-72HR	J-BLDG A	BASE	360.00	12.492	17.500	210	0.000	-0.704	5.9	-43.0
10YR-72HR	JA-1	BASE	360.00	12.496	17.500	384	-4.129	4.567	-158.7	137.1
10YR-72HR	K-LAKE-2	BASE	360.00	12.493	17.500	88671	-5.260	0.055	-131.9	23.0
10YR-72HR	KA-21	BASE	360.00	12.486	17.500	293	4.567	-12.133	137.1	-357.3
10YR-72HR	L-LAKE 1	BASE	360.00	12.493	17.500	243398	-6.860	0.000	-200.8	0.0
10YR-72HR	M-LAKE 3	BASE	360.00	12.493	17.500	105681	8.743	0.063	297.5	38.5
10YR-72HR	N-PreDev	BASE	360.00	15.963	18.000	2980554	0.000	0.000	49.3	0.0
10YR-72HR	O-CANAL	BASE	360.00	4.500	14.500	0	0.117	0.000	61.5	0.0

South Florida Water Management District
Conceptual Permit No. 56-105369-P
Date Issued: November 11, 2021

Permittee: Scannell Properties #533, LLC
8801 Rover Crossing Boulevard, Suite 300
Indianapolis, IN 46240

Project: Kings Highway Commerce Park - Conceptual

Application No. 210601-6343

Location: St Lucie County, See Exhibit 1

Your application for a Conceptual Permit is approved. This action is taken based on Chapter 373, Part IV, of Florida Statutes (F.S.) and the rules in Chapter 62-330, Florida Administrative Code (F.A.C.). Unless otherwise stated, this permit constitutes certification of compliance with state water quality standards under section 401 of the Clean Water Act, 33 U.S.C. 1341, and a finding of consistency with the Florida Coastal Management Program. Please read this entire agency action thoroughly and understand its contents.

This permit is subject to:

- Not receiving a filed request for a Chapter 120, F.S., administrative hearing.
- The attached General Conditions for Environmental Resource Permits.
- The attached Special Conditions.
- All referenced Exhibits.

All documents are available online through the District's ePermitting site at www.sfwmd.gov/ePermitting.

If you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights", we will assume that you concur with the District's action.

The District does not publish notices of action. If you wish to limit the time within which a person may request an administrative hearing regarding this action, you are encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Legal requirements and instructions for publishing a notice of agency action, as well as a noticing format that can be used, are available upon request. If you publish a notice of agency action, please send a copy of the affidavit of publication provided by the newspaper to the District's West Palm Beach office for retention in this file.

If you have any questions regarding your permit or need any other information, please call us at 1-800-432-2045 or email epermits@sfwmd.gov.

South Florida Water Management District
Conceptual Permit No. 56-105369-P

Date Issued: November 11, 2021	**Expiration Date:** November 11, 2041
Project Name:	Kings Highway Commerce Park - Conceptual
Permittee:	Scannell Properties #533, LLC 8801 Rover Crossing Boulevard, Suite 300 Indianapolis, IN 46240
Operating Entity:	Scannell Properties #533, LLC 8801 Rover Crossing Boulevard, Suite 300 Indianapolis, IN 46240
Location:	St Lucie County
Permit Acres:	107.55 acres
Project Land Use:	Commercial
Special Drainage District:	North St Lucie River Water Control District
Water Body Classification:	CLASS III
FDEP Water Body ID:	3194A
Wetland and Surface Water Impacts:	0.9 acres
Sovereign Submerged Lands:	No

Project Summary
This Environmental Resource Permit authorizes Conceptual Approval of a stormwater management (SWM) system serving 107.55-acres of industrial development known as Kings Highway Commerce Park - Conceptual.

The project consists of an industrial development, supporting infrastructure, access road, and SWM system. Please refer to the engineering evaluation and SWM Plans Exhibit No. 2.0 for additional details.

The SWM plans, attached as Exhibit No. 2.0, represent both the conceptual design and the Phase 1 construction associated with Application No. 210607-6406. The offsite works shown on Exhibit No. 2.0 within Kings Highway and White Road are not included in this conceptual approval nor are they part of the Phase 1 construction application and will be authorized by separate applications.

Issuance of this permit constitutes certification of compliance with state water quality standards in accordance with Rule 62-330.062, F.A.C.

Site Description
The site is in St. Lucie, County. Please refer to Exhibit No. 1.0 for a Location Map. The site is primarily relic citrus grove that has been converted to cattle grazing and agriculture ditches.

Background
On August 1, 2020, the District issued a conceptual approval (Permit No. 56-102667-P) of a 21.27-acre commercial subdivision known a Interstate Business Park at Kings Highway. The conceptual approval will be superseded by this permit. Please see Special Conditions.

On August 7, 2020, the District issued construction approval the master system and access road of Interstate Business Park at Kings Highway (Permit No. 56-103824-P). The construction approval will be superseded by Application No. 210607-6406. Please see Special Conditions.

On November 2, 2009, the District authorized conceptual approval and construction of the master system (Permit No. 56-03026-P) to serve 38.97 acres of commercial development known as Kings Highway Commerce Park. These authorizations expired on November 2, 2011 and November 2, 2014, respectively.

Ownership, Operation and Maintenance
Perpetual operation and maintenance of the stormwater management system will be the responsibility of Scannell Properties #533, LLC. Upon conveyance or division of ownership or control of the property or the system, the permittee must notify the Agency in writing within 30 days, and the new owner must request transfer of the permit.

If the property is subdivided in the future resulting in multiple property owners, a permit modification will be required to establish legal reservations, including any necessary reciprocal easements, over the SWM system and to establish an appropriate operating entity pursuant to sections 12.3 thru 12.3.3 of Applicant's Handbook Volume I.

Engineering Evaluation:

Land Use
Please refer to the engineering data tables for land use details.

Water Quality
The project is located within a watershed identified by the Florida Department of Environmental Protection as impaired for nutrients; therefore, the design includes a site-specific pollutant loading analysis and an additional 50% water quality treatment volume above the amounts required pursuant to Section 4.2.1, Volume II, as reasonable assurances that the projects discharge will not cause or contribute to violations of State water quality standards.

The project will provide wet retention and wet detention treatment in the three interconnected lakes. The water quality analysis indicates a total of 9.3 ac-ft of retention is required. The master system will provide 8.3 ac-ft as wet retention with the remaining 1.0 ac-ft of retention to be provided within the future construction projects.

The project will provide dry treatment using both dry detention ponds and exfiltration trenches. The conceptual design indicates a total trench length of 2,868 feet with 1,034 feet required in Phase 1 (52.89 acres) and 1,834 feet required in the remaining 54.66 acres of the project.

The master system includes four dry-detention treatment structures connecting the dry detention ponds to the lake system. Dry Detention Pond 8 includes structures CS-5, and CS-28. Dry Detention Ponds 7 includes structure CS-103, and Dry Detention Pond 4 includes structure CS-92. Each dry detention structure will consist of an inlet with a 3-inch bleeder at elevation 11.5 ft. NAVD and a grate at elevation 13.75 ft. NAVD.

Please refer to Exhibit No. 2.0 for structure details and Exhibit No. 2.1 for the SWM system calculations.

Water Quantity
The master system consists of three interconnected lakes providing wet retention and wet detention and four dry detention areas. Lake 1 will discharge through structure CS-1 and Lake 2 will discharge through structure CS-2. The control structures will connect to existing cross culverts within Kings Highway which discharge to North St. Lucie River Water Control District (NSLRWCD) Canal 40.

The site conditions are not conducive to recovery of retention volumes by infiltration pursuant to Section 4.2.1 (a) (3) Vol. II. As reasonable assurance of the long-term operation of the system, the flood protection for the system is based on the wet retention elevation and does not consider the retained volume between the wet season water table elevation of 11.50 ft. NAVD and the wet retention elevation of 12.35 ft. NAVD in the design storm analysis.

Discharge
The project discharge rate is within the allowable limit for the area based on a pre vs. post-development analysis for the 25-yr, 3-day storm event. The project will discharge to the NSLRWCD Canal 40. Discharges to the NSLRWCD system are limited to a maximum of 2 inches per day within any 24-hour period associated with the 10-year 3-day storm event. The project discharge rate is the result of compliance with the more restrictive NSLRWCD volumetric criteria.

Parking Lot Design
As found in Water Quantity Data Table, minimum parking lot elevations have been set at or above the calculated design storm flood elevation.

Road Design
As found in Water Quantity Data Table, minimum road center line elevations have been set at or above the calculated design storm flood elevation.

Perimeter Berm
As found in Water Quantity Data Table, minimum perimeter grading has been set at or above the calculated design storm flood elevation.

Finished Floors
As found in Water Quantity Data Table, minimum finished floor elevations have been set at or above the calculated design storm flood elevation.

Certification, Operation, and Maintenance
Pursuant to Chapter 62-330.310, F.A.C., Individual Permits will not be converted from the construction phase to the operation phase until construction completion certification of the project is submitted to and accepted by the District. This includes compliance with all permit conditions, except for any long term maintenance and monitoring requirements. It is suggested that the permittee retain the services of an appropriate professional registered in the State of Florida for periodic observation of construction of the project.

For projects permitted with an operating entity that is different from the permittee, it should be noted that until the construction completion certification is accepted by the District and the permit is transferred to an acceptable operating entity pursuant to Sections 12.1-12.3 of the Applicant's Handbook Volume I and Section 62-330.310, F.A.C., the permittee is liable for operation and maintenance in compliance with the terms and conditions of this permit.

In accordance with Section 373.416(2), F.S., unless revoked or abandoned, all SWM systems and works permitted under Part IV of Chapter 373, F.S., must be operated and maintained in perpetuity.

The efficiency of SWM systems, dams, impoundments, and most other project components will decrease over time without periodic maintenance. The operation and maintenance entity must perform periodic inspections to identify if there are any deficiencies in structural integrity,

degradation due to insufficient maintenance, or improper operation of projects that may endanger public health, safety, or welfare, or the water resources. If deficiencies are found, the operation and maintenance entity is responsible for correcting the deficiencies in a timely manner to prevent compromises to flood protection and water quality. See Section 12.4 of the Applicant's Handbook Volume I for Minimum Operation and Maintenance Standards.

Engineering Evaluation Tables:

Land Use

Basin	Land Type	Area (ac)	% of Total Basin	Starting EL (ft NAVD88)	Ending EL (ft NAVD88)
Site	Building Coverage	43.61	40.55	17.50	17.50
	Pavement	34.60	32.17	15.00	17.00
	Concrete	2.27	2.11	17.00	17.50
	Lake	9.57	8.90	11.50	16.00
	Dry Detention Areas	4.87	4.53	12.50	16.00
	Pervious	12.63	11.74	15.50	17.00
	Total:	107.55	100%		

Water Quality

Basin	Treatment Type	Treatment System	Volume Required (ac-ft)	Volume Provided (ac-ft)	Length Required (ft)	Length Provided (ft)	Overflow Elevation (ft NAVD88)
Site	Treatment	WET DETENTION	22.60	22.60	N/A	N/A	14.50
	Pre-Treatment	EXFILTRATION TRENCH	1.00	1.00	2827.00	2827.00	14.00
	Pre-Treatment	DRY DETENTION	3.29	3.29	N/A	N/A	13.75
	Treatment	WET RETENTION	8.30	8.30	N/A	N/A	12.35

Water Quantity

Basin	Elevation Type	Storm Event (Yr/Day)	Precipitation Depth (in)	Peak Stage (ft NAVD88)	Min. EL (ft NAVD88)	Peak Discharge Rate (cfs)	Allowable Discharge Rate (cfs)
Site	Finished Floor	100Y3D	10.90	16.60	17.00	N/A	N/A
	Perimeter Berm/ Discharge	10YR3D	7.88	15.92	16.00	10.04	10.04
	Road Crown	10YR1D	5.80	15.14	15.40	N/A	N/A

Bleeder

Basin	WSWT EL (ft NAVD88)	Structure #	Structure Type	Count	Type	Dia.(in)	Invert EL (ft NAVD88)	Receiving Body
Site	11.50	CS-1	Water Quality	1	Circular Orifice	8.75	12.35	NSLRWCD
		CS-2	Water Quality	1	Circular Orifice	3.00	12.35	NSLRWCD
		CS-(95,28,92,103)	Water Quality	4	Circular Orifice	3.00	11.50	Master System

Inlets

Basin	WSWT EL (ft NAVD88)	Structure #	Structure Type	Count	Type	Crest EL (ft NAVD88)	Receiving Body
Site	11.50	CS-(95,28,92,103)	Water Quality	4	FDOT MOD H DROP INLET	13.75	Master System

Weir

Basin	WSWT EL (ft NAVD88)	Structure #	Structure Type	Count	Type	Width (in)	Height (in)	Crest EL (ft NAVD88)	Receiving Body
Site	11.50	CS-1	Discharge	1	Rectangular Notch	10.00	18.00	14.50	NSLRWCD
		CS-2	Discharge	1	Rectangular Notch	4.00	18.00	14.50	NSLRWCD
		CS-(36,48,62,73)	Water Quality	4	Sharp Crested	36.00	17.40	14.00	Master System

Environmental Evaluation:

Wetlands and Other Surface Waters
The project site contains no state jurisdictional wetlands and multiple other surface water ditches totaling 0.90 acres. Additional information is available in the Environmental Impact Report dated March 2021, which is located in the ePermitting file.

Approximately 0.90 acres of work in other surface waters has been identified in association with future construction activities. The extent and type of work will be assessed at the time of application for construction of future phases. In addition, an evaluation of the work in other surface waters and a determination of whether the work meets the criteria in Section 10.2.2.2 ERP AH Vol. I, will be made at the time of application for future construction phases.

Please refer to Exhibit No. 3.0 for a location map of other surface waters and where work is proposed in other surface waters.

Fish, Wildlife, and Listed Species
The Environmental Impact Report dated March 2021 summarizes on-site wildlife observations and documents utilization by listed species. At the time of application for construction of future phases, updated assessments or surveys may be required.

This permit does not relieve the applicant from complying with all applicable rules and any other agencies' requirements if, in the future, endangered or threatened species or species of special concern are discovered on the site.

Environmental Evaluation Tables:
Summary

Wetlands and Other Surface Waters:	0.9	acres
Direct Impacts:	0.9	acres
Secondary impacts:	0	acres
Net UMAM Functional Loss/ Gain:	0	units
Total Onsite Mitigation Area:	0	acres
Total Offsite Mitigation Area:	0	acres
Mitigation Provided in Permit No.:		

Kings Highway Commerce Park Conceptual

Activities in Wetlands or Other Surface Waters, Not Including Mitigation at a Bank

ID	Acres	Action	Community Description	Current Score	With Project Score	UMAM Loss
OSW	0.9	Works in Surface Waters	Ditches and Canals			0.000
Total:	**0.9**					**0.000**

Related Concerns:

Water Use Permit Status
Water for landscape irrigation is not required as part of this conceptual approval

No dewatering is associated with the conceptual application.

This permit does not release the permittee from obtaining all necessary Water Use authorization(s) prior to the commencement of activities which will require such authorization, including construction dewatering and irrigation.

Water and Wastewater Service
Fort Pierce Utility Authority

Historical / Archeological Resources
The District has received correspondence from the Florida Department of State, Division of Historical Resources indicating that no significant archaeological or historical resources are recorded on the project site; therefore the project is unlikely to have an effect upon any such resources.

This permit does not release the permittee from complying with any other agencies' requirements in the event that historical and/or archaeological resources are found on the site.

General Conditions for Conceptual Permits

1. This permit does not authorize any construction, alteration, maintenance, operation, removal, or abandonment, except where such activities are specifically authorized as the first phase of an individual permit or are authorized to occur in accordance with a general permit or exemption under Chapter 62-330, F.A.C.

2. This permit does not:
   (a) Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
   (b) Convey to the permittee or create in the permittee any interest in real property;
   (c) Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
   (d) Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

3. The permittee shall notify the Agency in writing:
   (a) Immediately if any previously submitted information is discovered to be inaccurate; and
   (b) Within 30 days of any conveyance or division of ownership or control of the property or the system, the name and contact information for the new owner.

4. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample, and test the project site to ensure conformity with the permit.

5. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

6. This conceptual approval permit only authorizes design concepts for a master or future plan to construct, alter, operate, maintain, remove, or abandon projects that require a permit under Part IV of Chapter 373, F.S. It does not authorize any construction, alteration, operation, maintenance, removal, or abandonment, or the establishment and operation of a mitigation bank, or relieve the permit holder of any requirements to obtain such permits.

7. Subsequent applications to construct and operate activities shall be prepared and submitted using the applicable procedures in Rules 62-330.052, 62-330.054, 62-330.060, and 62-330.402 F.A.C., and sections 4.2.2, 4.2.3, 4.3, and 4.4 of Volume I. An application for conceptual approval for a mitigation bank shall also include the materials required by Chapter 62-342, F.A.C.

8. Issuance of this conceptual approval permit is a determination, within the level of detail provided in the application, that the activities approved in this permit are consistent with applicable rules at the time of issuance. This permit provides the conceptual approval permit holder with a rebuttable presumption, during the duration of this permit, that the engineering design and scientific principles upon which the conceptual approval permit approved herein are likely to meet applicable rule criteria for issuance of permits for subsequent phases of the project, provided all of the following are met at the time of receipt of a complete application to construct and operate the future phases:
   (a) The application to construct and operate the future phases remains consistent with the designs and conditions of this permit. Primary areas for consistency comparisons include the size, location, and extent of the activities proposed, the type and nature of the activities, percent imperviousness, allowable discharge and points of discharge, location and extent of wetland

and other surface water impacts, mitigation plans implemented or proposed, control elevations, extent of stormwater reuse, detention and retention volumes, and the extent of flood elevations.
If an application for construction of any portion of the land area covered by this permit is inconsistent with the design concepts and conditions approved herein, the application will be reviewed to determine the extent to which the inconsistency will affect the designs and conditions for the remainder of the lands contained in this permit. If the inconsistency will materially affect those designs and conditions, then the applicant must demonstrate that the holder of this permit agrees to that inconsistency. In such a case, the holder of the conceptual approval permit may:
1. Modify the conceptual approval permit to conform to the revised design;
2. Abandon reliance on the conceptual approval permit; or
3. Rely on those portions of the conceptual approval permit for only those areas that were not affected by the inconsistency.
(b) There are no changes to state water quality standards that would be affected by activities authorized in the conceptual approval permit that have not already been authorized for construction or operation.
(c) There have been no amendments to Florida law governing special basin criteria that would affect future activities authorized by the conceptual approval permit that have not already been authorized for construction.
(d) There are no substantive changes in the site characteristics that would affect whether the design concepts approved in the conceptual approval permit can continue to be reasonably expected to meet the conditions for authorizing construction of future phases. This shall include such things as changes in the designation of listed species, and changes to nesting, denning, and critical designation status of listed species that exist within the lands served by the project area.

9. If changes are proposed to the design of existing or future phases, or where there have been changes to state water quality standards, special basins, or site characteristics as described in conditions (3)(a) through (d), above, during the duration of this permit, the applicant must modify this permit if it wishes to continue to rely on this permit as a basis that reasonable assurance exists for the Agency to issue future construction or operation permits under the terms and conditions of this permit. If the permittee fails to do this, this conceptual approval permit can no longer be relied upon as a basis, in part or whole, under which permits to construct or operate future phases will be issued, and the Agency will reevaluate the terms and conditions of this permit at the time a permit application is received to construct the next phase of activities, or at the next requested extension of this permit's duration in accordance with subsection 62-330.056(11), F.A.C., whichever occurs first.

Special Conditions for Conceptual Permits

1. The Conceptual Approval shall expire on the date shown on page 2 of this permit, in accordance with Rules 62-330.056(9) and (10), F.A.C.

2. Operation and maintenance of the stormwater management system shall be the responsibility of Scannell Properties #533, LLC.

3. Discharge facilities: Please refer to engineering data tables and Exhibit No. 2.0 for discharge structure and water quality pre-treatment structure details.

4. Prior to any future construction, the permittee shall apply for and receive an Individual ERP. As part of the permit application, the applicant for that phase of construction shall provide documentation verifying that the proposed construction is consistent with the design of the master stormwater management system, including but not limtied to, the land use, imperviousness, site storage, water quality treatment volumes, site grading assumptions, flood protection levels, and design storm containment.

5. Commercial or industrial zoned projects shall provide at least one half inch of dry detention or retention pretreatment as part of the required retention/detention, unless reasonable assurances are provided that hazardous materials will not enter the project's stormwater management system. Such assurances may include deed restrictions on property planned for resale, type of occupancy, recorded lease agreements, local government restrictive codes, ordinances, licenses, and engineered containment systems designed in accordance with the District's Basis of Review Section 5.2.2(a). Pre-treatment requirements shall be determined on a case by case basis for the commercial areas at the time of application for construction authorization based on their proposed uses.

6. This permit supersedes Interstate Buisness Park Conceptual Permit Number 56-102667-P and associated Phase 1 Construction Permit No. 56-103824-P.

7. (a) This conceptual approval permit only authorizes design concepts for a master or future plan to construct, alter, operate, maintain, remove, or abandon projects that require an individual permit under Part IV of Chapter 373, F.S. It does not authorize any construction, alteration, operation, maintenance, removal, or abandonment, or the establishment and operation of a mitigation bank, or relieve the permit holder of any requirements to obtain such permits. General Conditions 1, 3, 4, 6, 7, 16 and 18 are not applicable until an Individual Permit authorizing a phase of construction is issued.

   (b) Subsequent applications to construct and operate activities shall be prepared and submitted using the procedures in Rules 62-330.060, 62-330.061, and 62-330.071, F.A.C..

   (c) Issuance of this conceptual approval permit is a determination, within the level of detail provided in the application, that the activities approved in this permit are consistent with applicable rules at the time of issuance. This permit provides the conceptual approval permit holder with a rebuttable presumption, during the duration of this permit, that the engineering design and environmental concepts upon which the designs approved herein are likely to meet applicable rule criteria for issuance of permits for subsequent phases of the project, provided all of the requirements of Rule 62-330.056(7)(a) through (d), F.A.C are met at the time of receipt of

a complete application to construct and operate the future phase(s).

(d) If changes are proposed to the design of existing or future phases, or where there have been changes to state water quality standards, special basins, or site characteristics as described in rule 62-330.056(7)(a) through (d), F.A.C, during the duration of this permit, the applicant must modify this permit if it wishes to continue to rely on it as a basis that reasonable assurance exists for the Agency to issue future construction or operation permits. If the permittee fails to do this, this conceptual approval permit can no longer be relied upon as a basis, in part or whole, for permits to construct or operate future phases, and the Agency will reevaluate the terms and conditions of this permit at the time a permit application is received to construct the next phase of activities.

(e) The duration of this conceptual approval permit is 20 years, provided that, within five years of issuance of this permit: 1. The permittee applies for and receives an Individual Permit for the initial phase of construction or alteration and 2. The authorized construction or alteration has begun and the work remains in compliance with the terms and conditions of both the conceptual approval permit and all permits authorizing construction or alteration, including required operation. These time periods will be tolled if the Agency is notified, in writing, within five years of issuance that administrative review under either of the following is pending: a. The project approved by the conceptual approval permit is undergoing Development of Regional Impact review pursuant to Section 380.06, F.S., and an administrative appeal of that review has been filed; or b. The issuance of the construction permit for the first phase is under administrative review pursuant to Sections 120.569 or 120.57, F.S.

Distribution List

Jeff Iravani, Scannell Properties #533, LLC

Jeff Iravani, Jeff H Iravani, Inc

Ken Morin, Kings Highway Development Partners, LLC

Audubon of Florida

City of Port St Lucie - Planning and Zoning Division

City of Port St Lucie - Public Works

US Army Corps of Engineers - Permit Section

St. Lucie County Engineer

St. Lucie County Planning and Development Services

City Of Fort Pierce

Exhibits

The following exhibits to this permit are incorporated by reference. The exhibits can be viewed by clicking on the links below or by visiting the District's ePermitting website at http://my.sfwmd.gov/ePermitting and searching under this application number 210601-6343 .

Exhibit No. 1.0 Location Map

Exhibit No. 2.0 SWM Plans

Exhibit No. 2.1 SWM Calculations

Exhibit No. 3.0 Environmental Information

NOTICE OF RIGHTS

As required by Chapter 120, Florida Statutes, the following provides notice of the opportunities which may be available for administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes, or judicial review pursuant to Section 120.68, Florida Statutes, when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Some of the legal proceedings detailed below may not be applicable or appropriate for your situation. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Florida Statutes. Persons seeking a hearing on a District decision which affects or may affect their substantial interests shall file a petition for hearing in accordance with the filing instructions set forth herein within 21 days of receipt of written notice of the decision unless one of the following shorter time periods apply: (1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Florida Statutes; or (2) within 14 days of service of an Administrative Order pursuant to Section 373.119(1), Florida Statutes. "Receipt of written notice of agency decision" means receipt of written notice through mail, electronic mail, posting, or publication that the District has taken or intends to take final agency action. Any person who receives written notice of a District decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

If the District takes final agency action that materially differs from the noticed intended agency decision, persons who may be substantially affected shall, unless otherwise provided by law, have an additional point of entry pursuant to Rule 28-106.111, Florida Administrative Code.

Any person to whom an emergency order is directed pursuant to Section 373.119(2), Florida Statutes, shall comply therewith immediately, but on petition to the board shall be afforded a hearing as soon as possible.

A person may file a request for an extension of time for filing a petition. The District may grant the request for good cause. Requests for extension of time must be filed with the District prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and whether the District and any other parties agree to or oppose the extension. A timely request for an extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

FILING INSTRUCTIONS

A petition for administrative hearing must be filed with the Office of the District Clerk. Filings with the Office of the District Clerk may be made by mail, hand-delivery, or e-mail. Filings by facsimile will not be accepted. A petition for administrative hearing or other document is deemed filed upon receipt during normal business hours by the Office of the District Clerk at the District's headquarters in West Palm Beach, Florida. The District's normal business hours are 8:00 a.m. – 5:00 p.m., excluding weekends and District holidays. Any document received by the Office of the District Clerk after 5:00 p.m. shall be deemed filed as of 8:00 a.m. on the next regular business day.

Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the District Clerk, 3301 Gun Club Road, West Palm Beach, Florida 33406.
- Filings by hand-delivery must be delivered to the Office of the District Clerk. Delivery of a petition to the District's security desk does not constitute filing. It will be necessary to request that the District's security officer contact the Office of the District Clerk. An employee of the District's Clerk's office will receive and process the petition.
- Filings by e-mail must be transmitted to the Office of the District Clerk at clerk@sfwmd.gov. The filing date for a document transmitted by electronic mail shall be the date the Office of the District Clerk receives the complete document.

INITIATION OF ADMINISTRATIVE HEARING

Pursuant to Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes, and Rules 28-106.201 and 28-106.301, Florida Administrative Code, initiation of an administrative hearing shall be made by written petition to the District in legible form and on 8 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other District identification number, if known.
2. The name, address, any email address, any facsimile number, and telephone number of the petitioner, petitioner's attorney or qualified representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the District's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the District's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the District's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the District to take with respect to the District's proposed action.

MEDIATION

The procedures for pursuing mediation are set forth in Section 120.573, Florida Statutes, and Rules 28-106.111 and 28-106.401–.405, Florida Administrative Code. The District is not proposing mediation for this agency action under Section 120.573, Florida Statutes, at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Section 120.68, Florida Statutes, and in accordance with Florida Rule of Appellate Procedure 9.110, a party who is adversely affected by final District action may seek judicial review of the District's final decision by filing a notice of appeal with the Office of the District Clerk in accordance with the filing instructions set forth herein within 30 days of rendition of the order to be reviewed, and by filing a copy of the notice with the appropriate district court of appeals via the Florida Courts E-Filing Portal.