

Construction Plans & Specifications

For

Amazon

Distribution Center

Kings Highway Commerce Park
Parcel-III

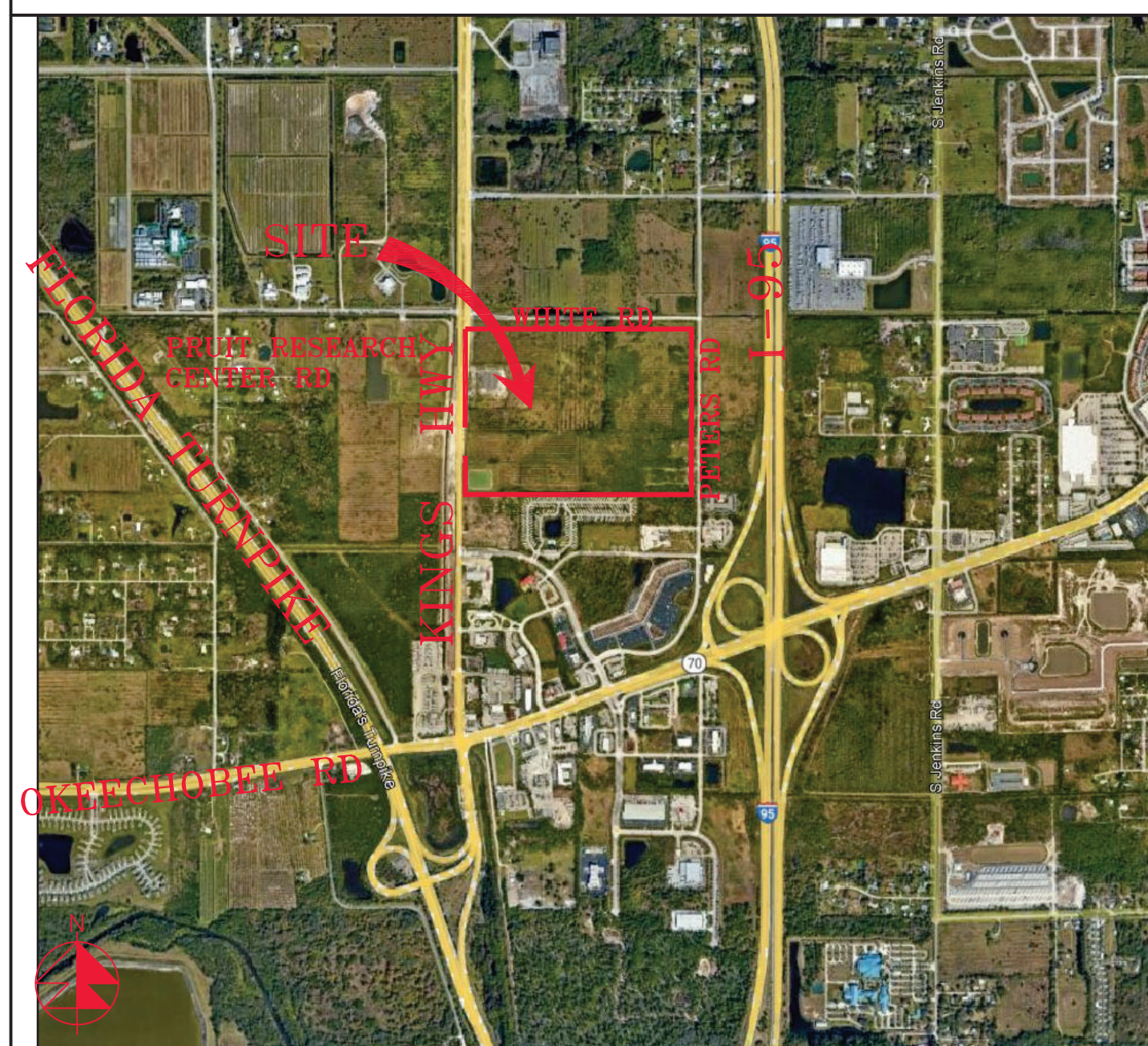
Section 24 Township 35S Range 39E
Fort Pierce, Florida

Developer

Scannel Properties #533, LLC

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

Aerial



Vicinity Map

Drawing Index

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REVISIONS

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Amazon
Distribution Center
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Cover Sheet

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	NA	JHI	DDI	2509-1533

Digitally signed by
Jeff H. Iravani
Date:
2026.03.10
14:04:22
-04'00'

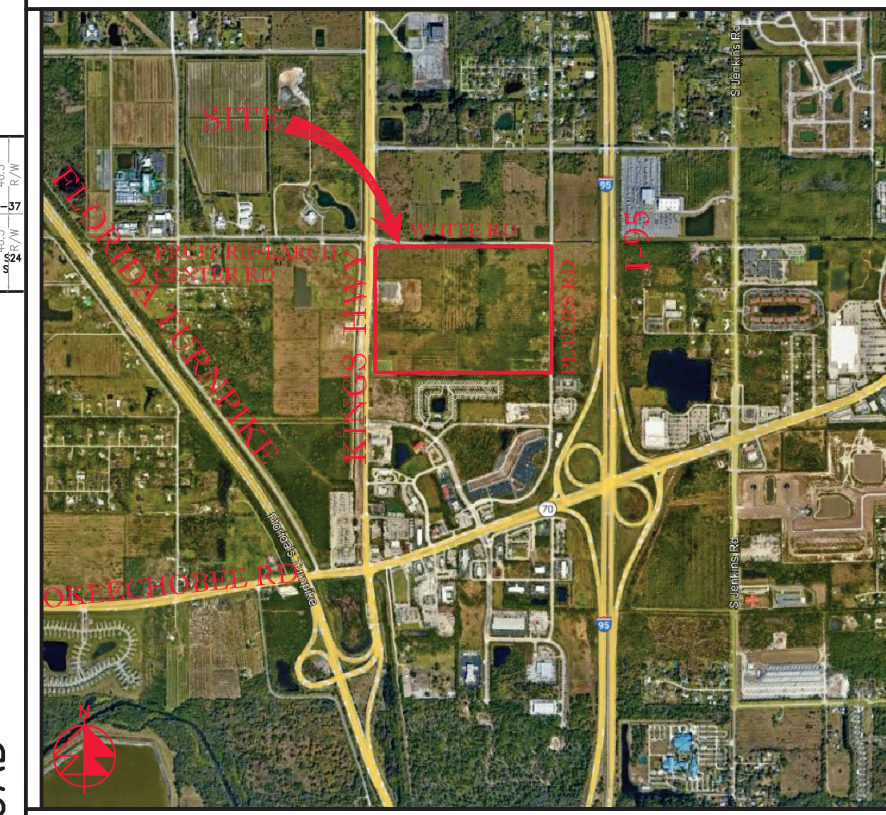
COA 6986
SHEET NO.
C-1

PRUIT RESEARCH CENTER ROAD
WHITE ROAD

WHITE ROAD

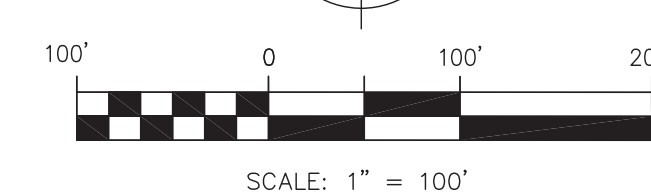
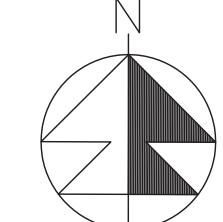
WHITE ROAD

AERIAL



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



REVISIONS
REV PER FP 01/29/2026
REV PER CITY 02/19/2026
REV PER FD 02/24/2026
REV PER FP 03/06/2026

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Overall Pavement Marking
Plan
DESIGNED BY JHI
DRAWN BY DDI
DATE 12/24/2025
JOB NO. 2409-1533

Digitally signed by Jeff H. Iravani
Date: 2026.03.10 14:04:32 -04'00'
SHEET NO. C-2

Parcel-III
69.19 ac

BLDG
1,070,080 SF
60 KSF OFFICE
1,010 KSF WAREHOUSE
F.F.EL 21.92 FT, NAVD

FUTURE AMAZON
PH-II
BLDG
530,230 SF
30 KSF OFFICE
500 KSF WAREHOUSE

Parcel-II
26.26 ac

Parcel-I
12.00 ac

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

LEGEND	
⊙ 19.7	PROP PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
⊙	INVERT EL
⊙	CATCH BASIN
⊙	YARD DRAIN
⊙	BOTTOM OF CURB
⊙	BOTTOM EL
⊙	TOP OF CURB
⊙	TOP EL
⊙	EXFILTRATION TRENCH
⊙	WATER MAIN
⊙	FORCE MAIN
⊙	FIRE MAIN
⊙	WASTEWATER GRAVITY
⊙	FIRE HYDRANT
⊙	GATE VALVE
⊙	GATE VALVE
⊙	SIAMENSE CONN.
⊙	CHECK VALVE
⊙	DOUBLE DETECTOR
⊙	CHECK VALVE
⊙	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
⊙	SAMPLE POINT
⊙	MITERED END SECTION
⊙	F.F.EL
⊙	FIN FLOOR ELEV
⊙	F.LEL
⊙	FLOW LINE ELEV
⊙	TOB
⊙	TOP OF BANK
⊙	TOC
⊙	TOP OF CONCRETE
⊙	TV
⊙	TAPPING VALVE
⊙	CLEANOUT
⊙	BORING NO. AND LOCATION
⊙	/AE
⊙	APPROVED EQUIVALENT

KING'S HIGHWAY (SR-713)

NSLRWCD C-40

KING'S HIGHWAY (SR-713)

PETERS ROAD

PETERS ROAD

PETERS ROAD

LAKE-1
2.59 AC
WATER EL 11.5
FOUNTAIN

N89°44'39"E
43.08'

LAKE-2
2.94 AC
WATER EL 11.5
FOUNTAIN

LAKE-3
1.83 AC
WATER EL 11.5
FOUNTAIN

N89°50'04"W 343.82'
R=8,264.54'
A=45.11'
30.02'
N89°51'22"E

RECYCLE

OFFICE
F.F.EL 21.92 FT, NAVD

DRY DET-2 2.52 AC BTM EL 13.0

N89°59'49"E 2,211.82'

N89°59'49"E 750.04'

N00°00'16"W 696.32'

N89°50'03"W 2,212.28'

751.11'

60'
AE/DE/VE

457.03'

N00°00'11"W

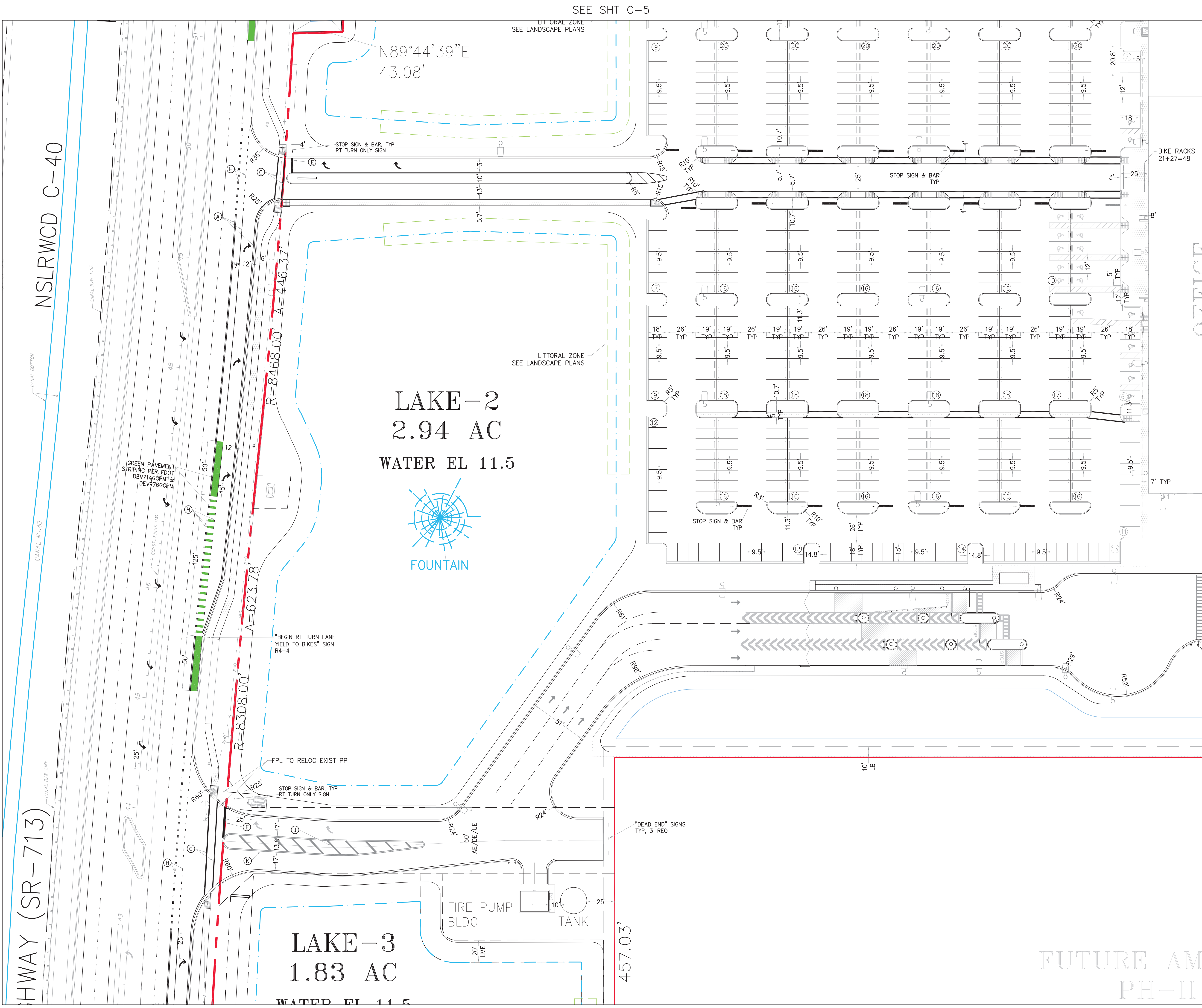
295.04'

1113.34'

1871.93'

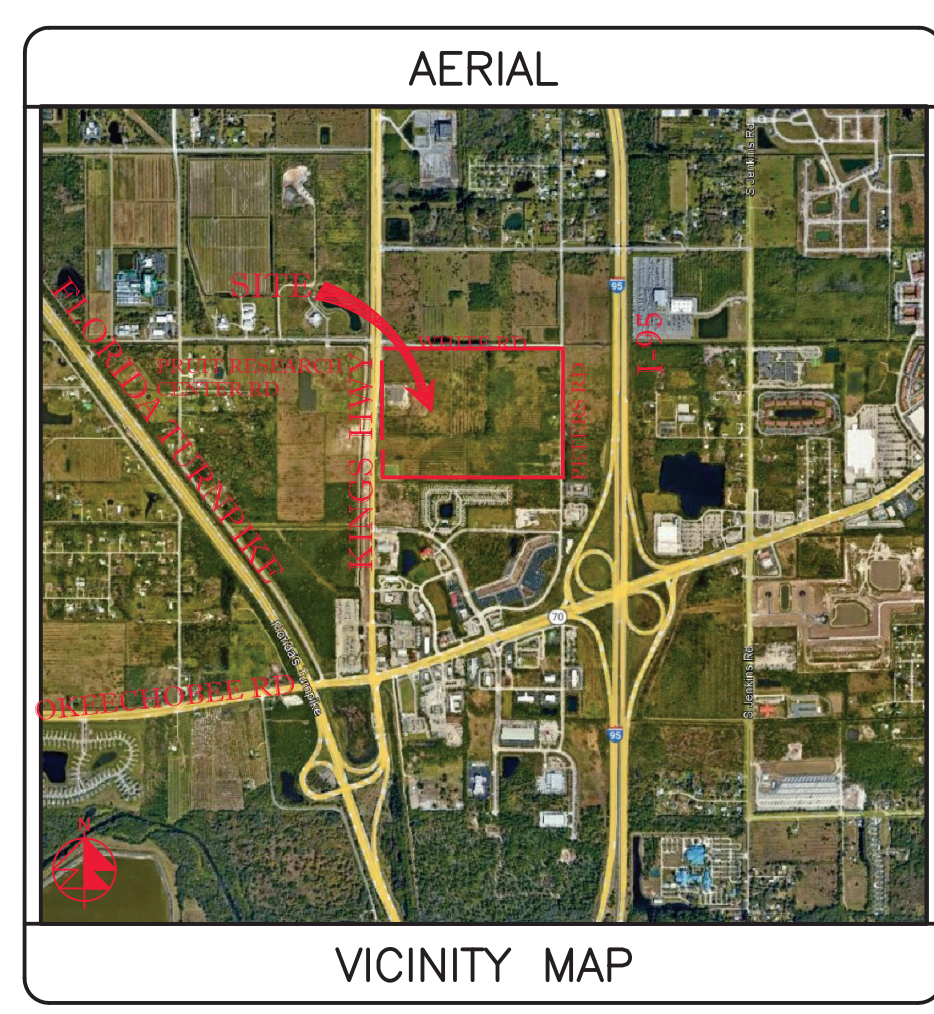
698.59'

698.59'

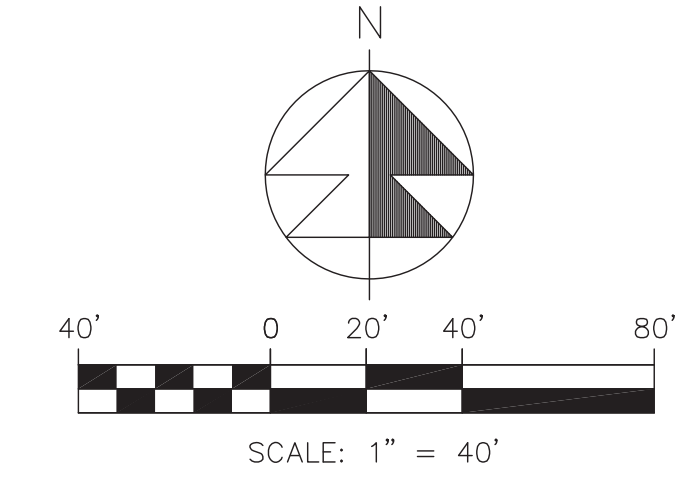


SEE SHT C-5

SEE SHT C-3



SECTION 24, TWP 35S, RGE 39E



- NOTES:
- SOD ALL FDOT R/W DISTURBED BY CONSTRUCTION WITH COMMON BERMUDA SOD.
 - ALL STRIPING PERTAINING TO FDOT DRIVEWAY AND ROAD WIDENING SHALL BE THERMOPLASTIC.
 - CORE STRIPING RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT STANDARD INDEX 711-001.
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 - SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
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 - CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.

SEE SHT C-6

STRIPING LEGEND	
⊖	6" SOLID WHITE
⊗	8" SOLID WHITE
⊙	12" SOLID WHITE
⊚	18" SOLID WHITE
⊛	24" SOLID WHITE
⊜	6" SKIP WHITE TYP (10'-30')
⊝	6" SKIP WHITE TYP (6'-10')
⊞	6" SKIP WHITE TYP (2'-4')
⊟	6" SOLID YELLOW
⊠	18" SOLID YELLOW
⊡	6" DOUBLE YELLOW
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⊣	6" SKIP YELLOW TYP (6'-10')
⊤	6" SKIP YELLOW TYP (2'-4')
⊥	PRM BI-DIRECTIONAL AMBER/AMBER
⊦	FDP WHITE
⊧	FDP YELLOW
⊨	RPM BI-DIRECTIONAL WHITE/RED
⊩	RPM BI-DIRECTIONAL RED/YELLOW

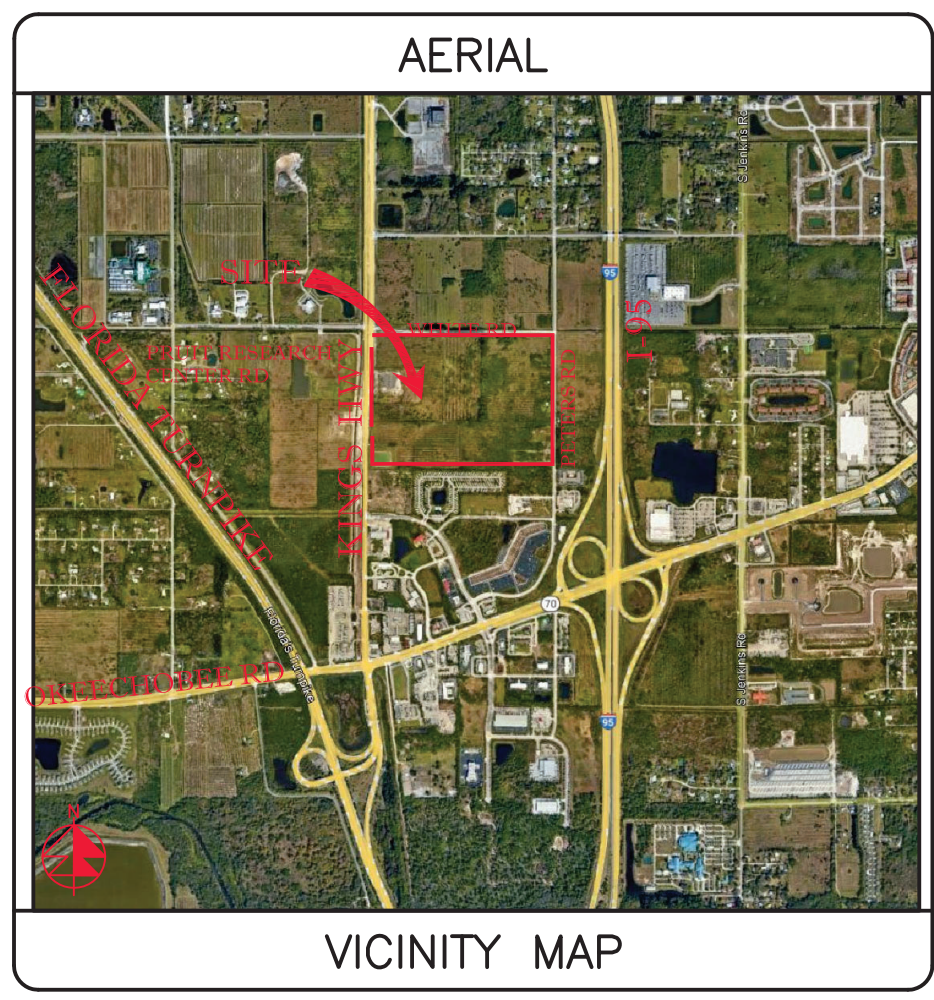
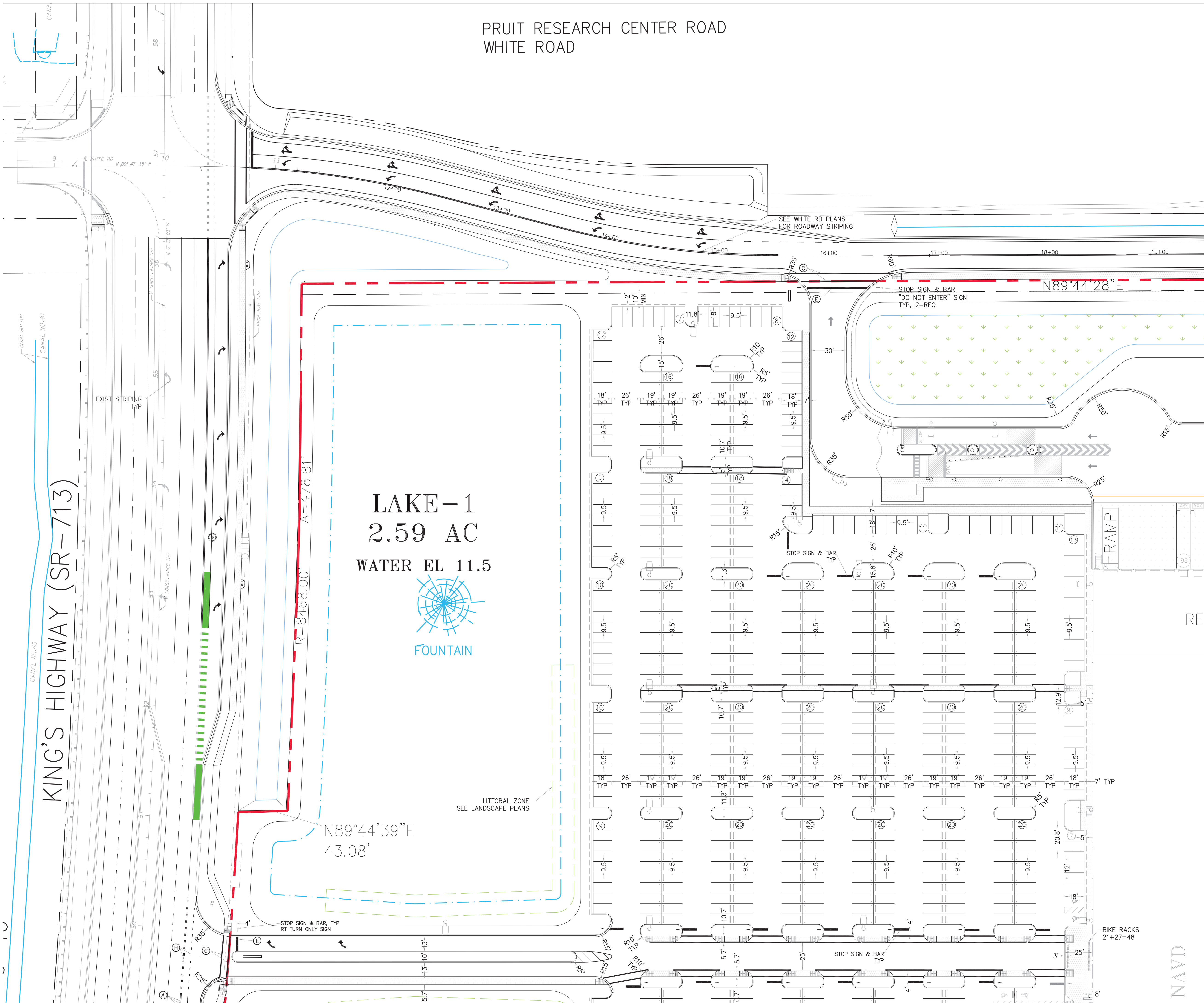
REVISIONS	
REV	PER SP 01-29-26

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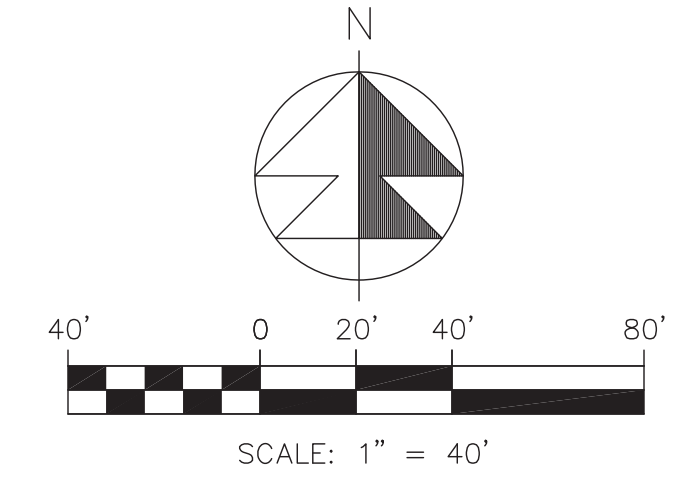
Amazon
 Distribution Center
 Kings Highway Commerce Park
 Parcel-III
 Fort Pierce, Florida

Pavement Marking Plan	
DATE	12/24/2025
SCALE	1" = 40'
DESIGNED BY	JHI
DRAWN BY	DDI
JOB NO.	2409-1533

Digitally signed by Jeff H. Iravani
 No. 23156
 Date: 2026.03.10 14:04:55 -04'00'
 COA 6986
 SHEET NO. C-4



SECTION 24, TWP 35S, RGE 39E



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SEE SHT C-7

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⊙	6" SOLID WHITE
⊙	8" SOLID WHITE
⊙	12" SOLID WHITE
⊙	18" SOLID WHITE
⊙	24" SOLID WHITE
⊙	6" SKIP WHITE TYP (10'-30')
⊙	6" SKIP WHITE TYP (6'-10')
⊙	6" SKIP WHITE TYP (2'-4')
⊙	6" SOLID YELLOW
⊙	18" SOLID YELLOW
⊙	6" DOUBLE YELLOW
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⊙	6" SKIP YELLOW TYP (6'-10')
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⊙	PRM BI-DIRECTIONAL AMBER/AMBER
⊙	FDP WHITE
⊙	FDP YELLOW
⊙	RPM BI-DIRECTIONAL WHITE/RED
⊙	RPM BI-DIRECTIONAL RED/YELLOW

REVISIONS	
REV	PER SP 01-29-26

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Consulting Engineers

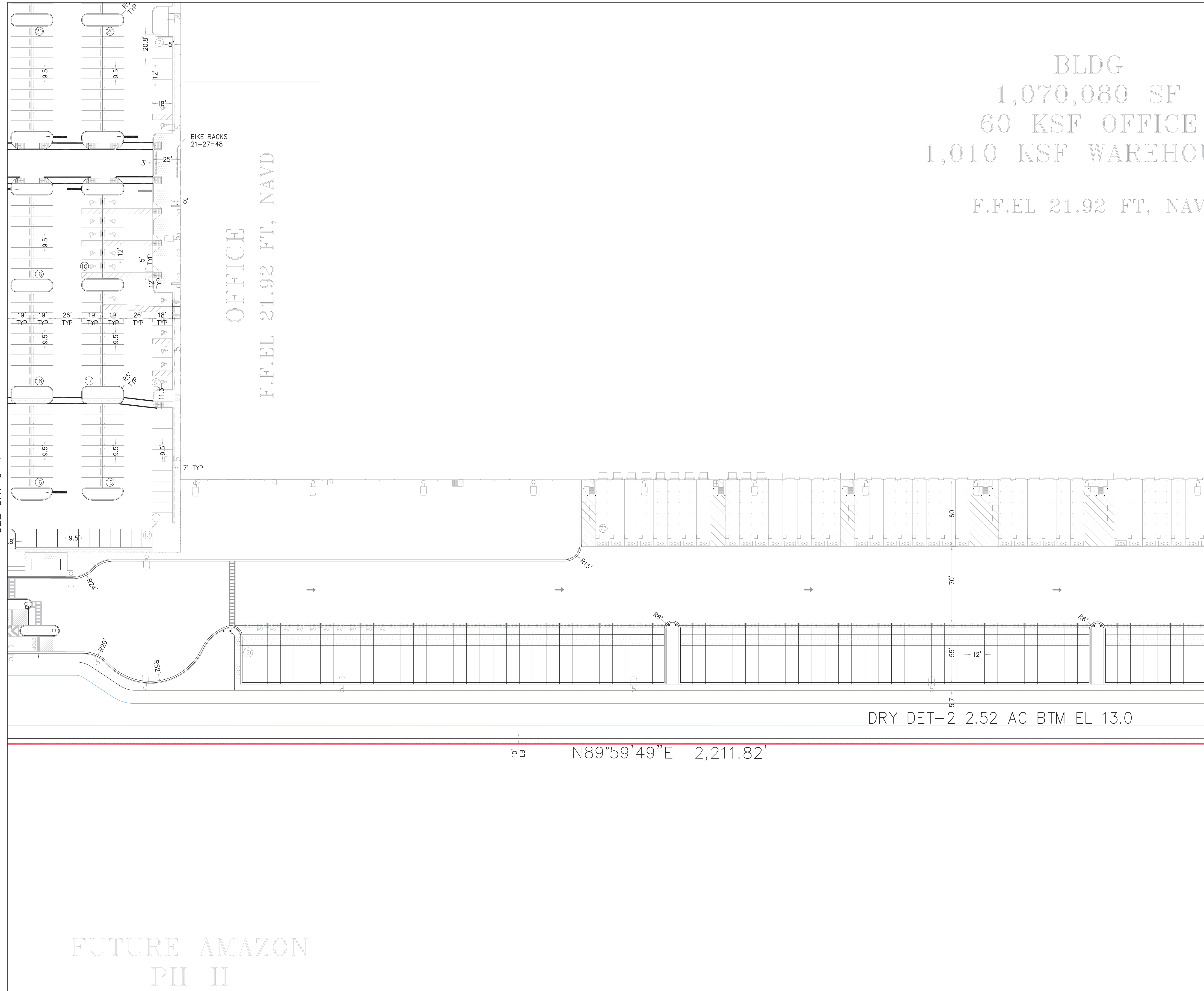
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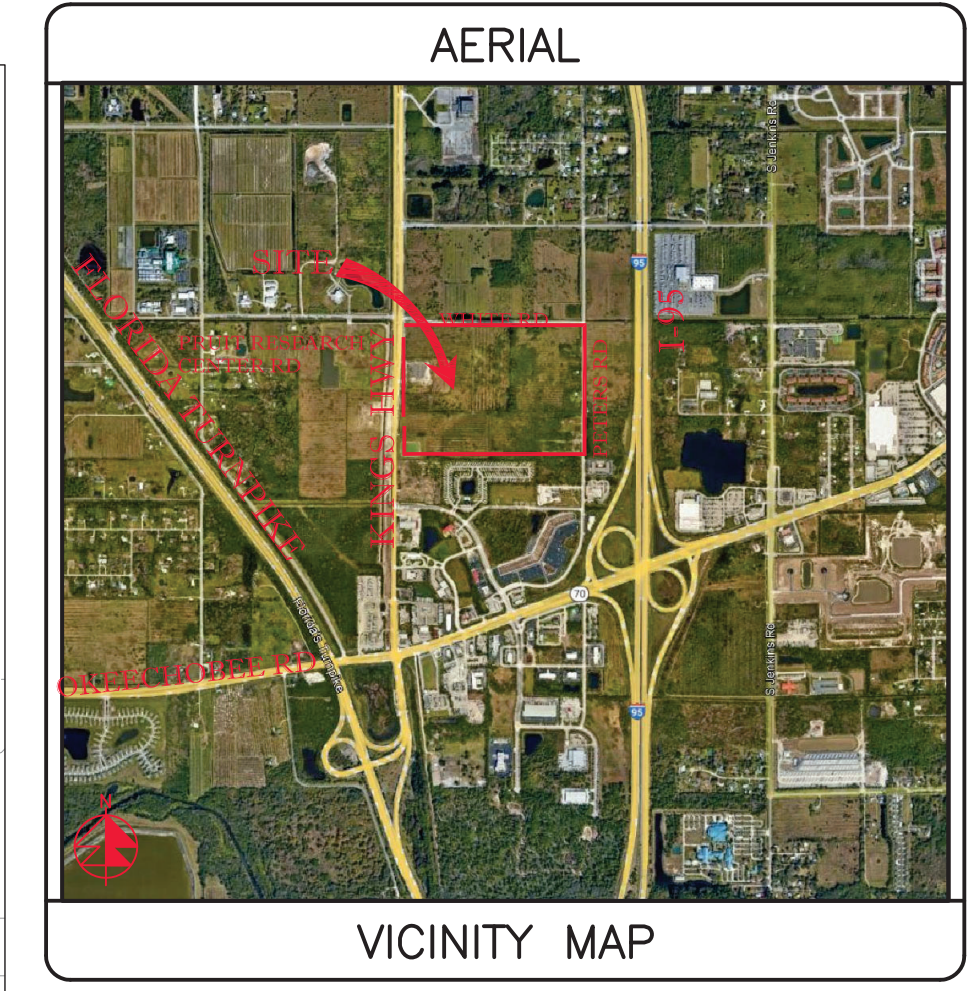
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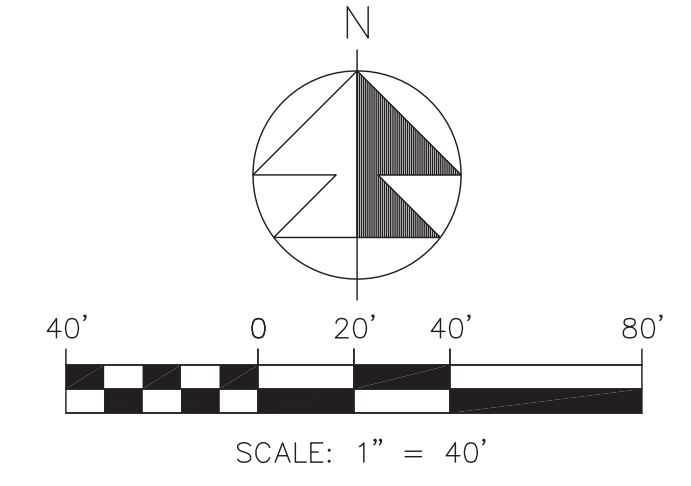
BLDG
1,070,080 SF
60 KSF OFFICE
1,010 KSF WAREHOUSE
F.F.EL 21.92 FT, NAVD

OFFICE
F.F.EL 21.92 FT, NAVD

SEE SHT C-4



SECTION 24, TWP 35S, RGE 39E



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SEE SHT C-8

STRIPING LEGEND	
⊖	6" SOLID WHITE
⊗	8" SOLID WHITE
⊙	12" SOLID WHITE
⊚	18" SOLID WHITE
⊛	24" SOLID WHITE
⊜	6" SKIP WHITE TYP (10'-30')
⊝	6" SKIP WHITE TYP (6'-10')
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REVISIONS	
REV	PER SP 01-29-26

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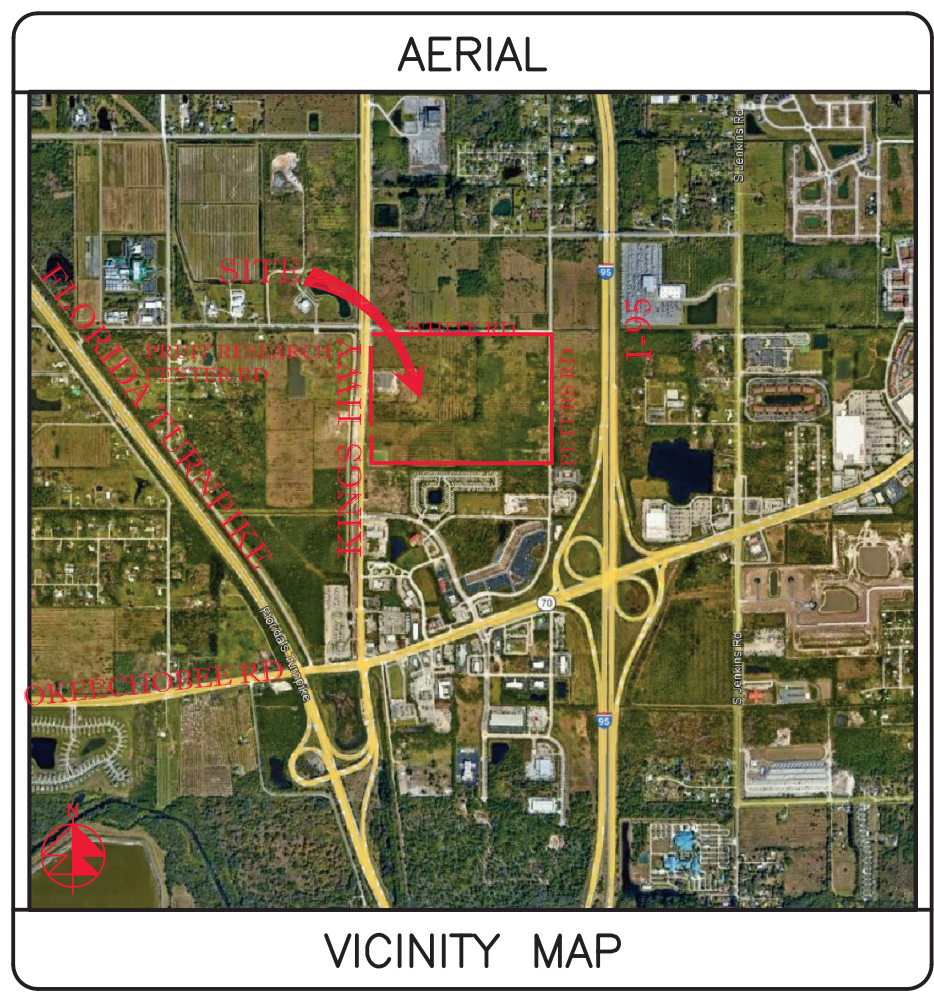
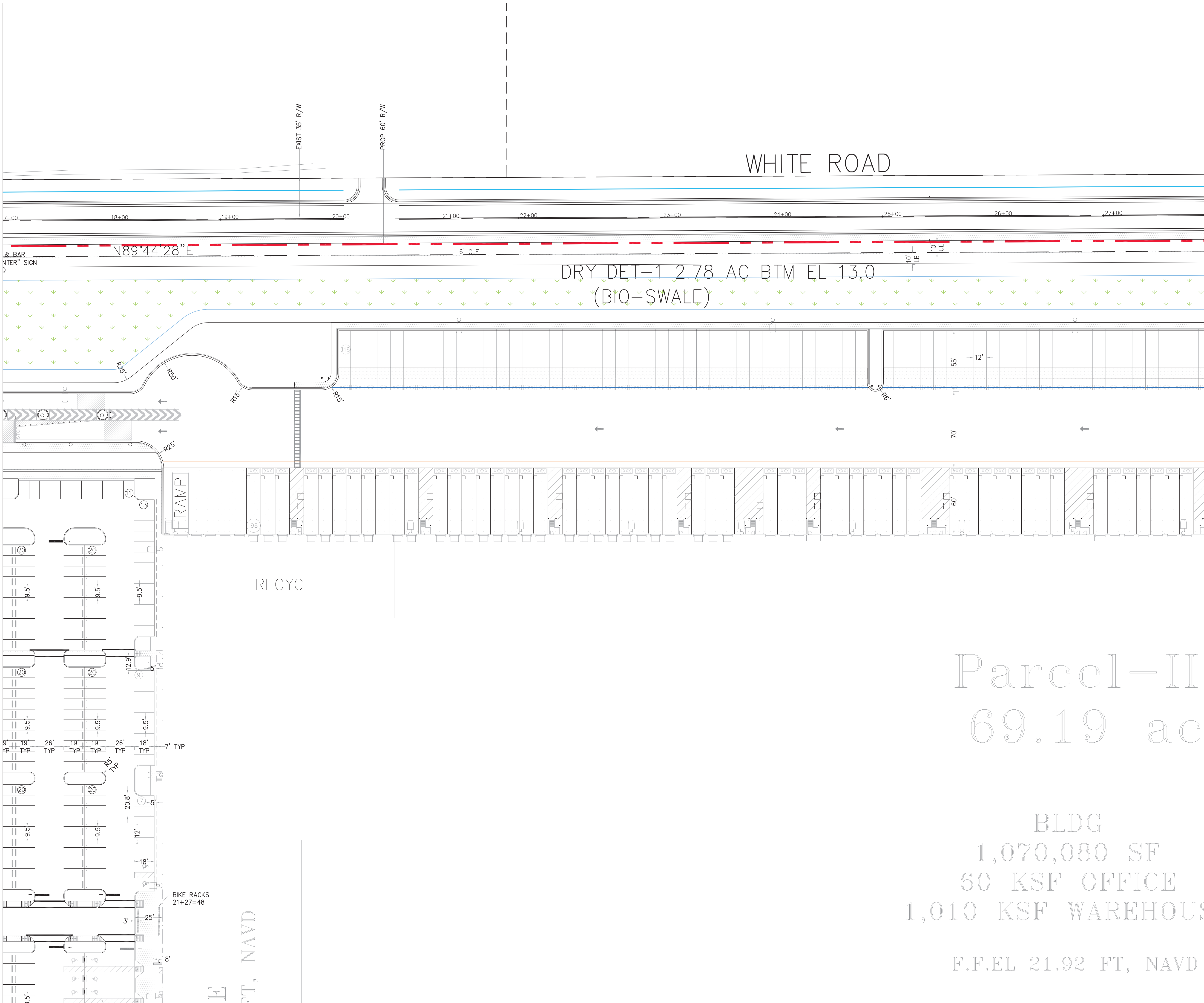
Kings Highway Commerce Park
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Fort Pierce, Florida

Pavement Marking Plan	
DATE	12/24/2025
SCALE	1" = 40'
DESIGNED BY	JHI
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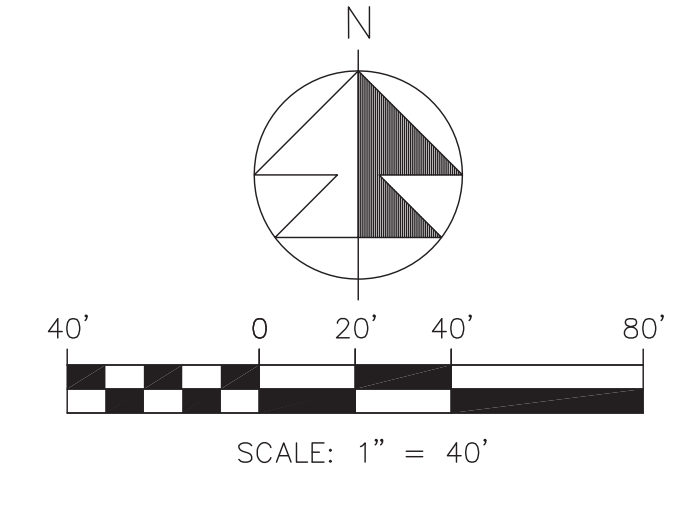
FUTURE AMAZON
PH-II

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:05:18 -04'00'

COA 6986
SHEET NO.
C-6



SECTION 24, TWP 35S, RGE 39E



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SEE SHT C-9

SEE SHT C-5

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REV	PER SP 01-29-26

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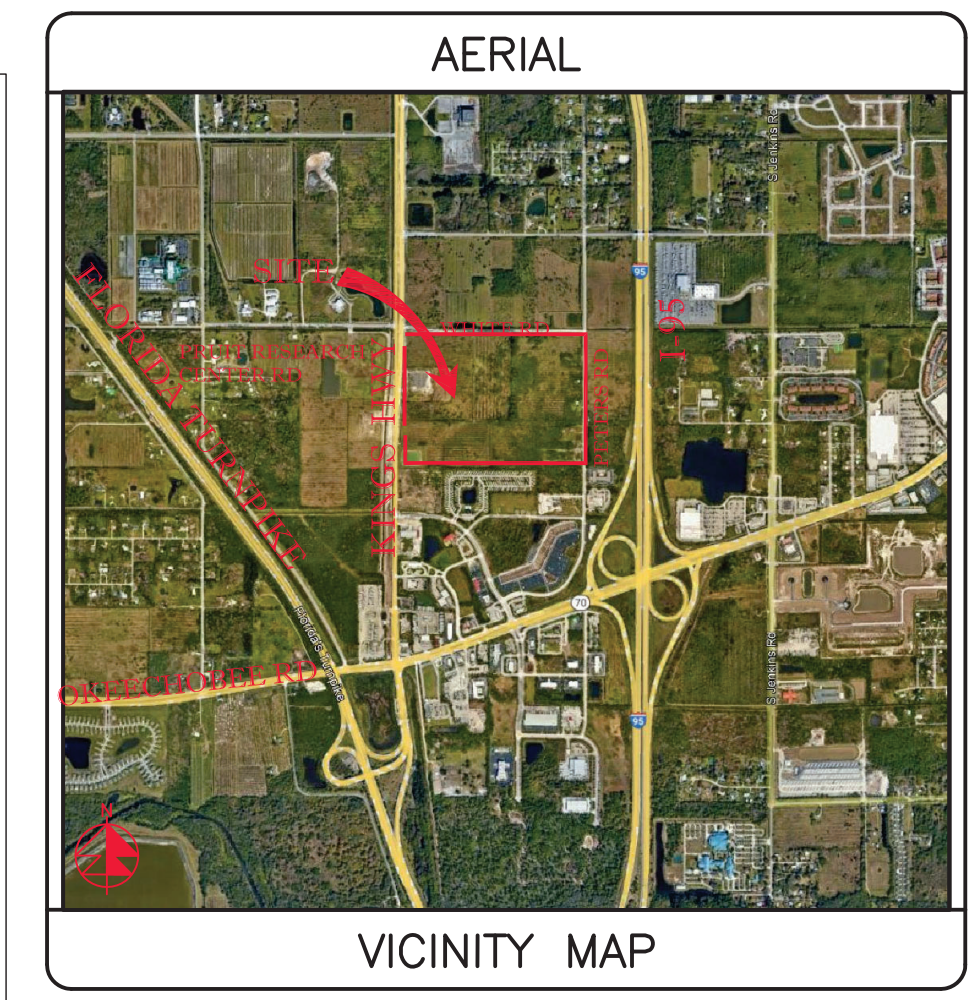
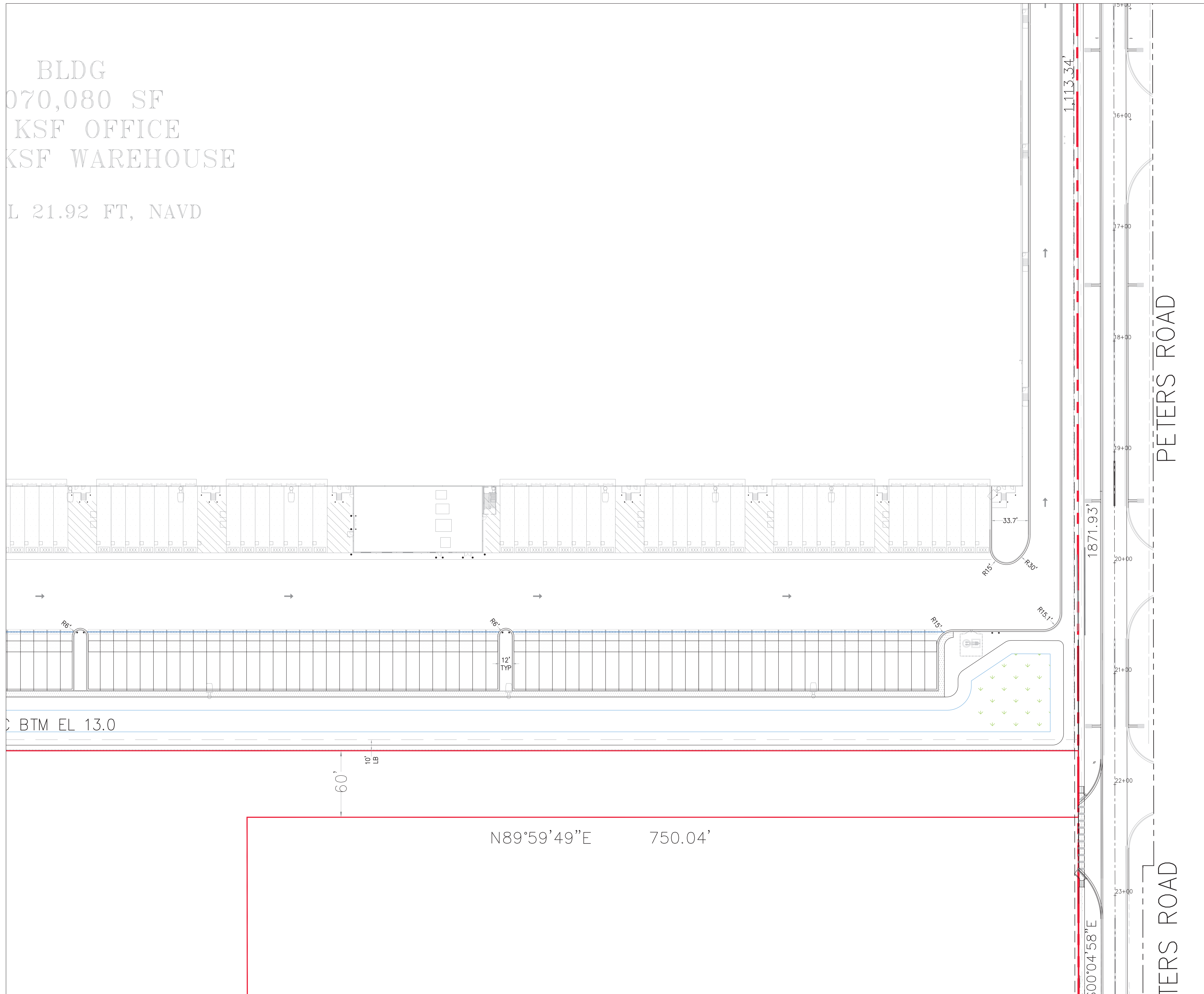
Digitally signed by
Jeff H. Iravani
 Date: 2026.03.10 14:05:31
 -04'00'
 SHEET NO. C-7

SEE SHT C-6

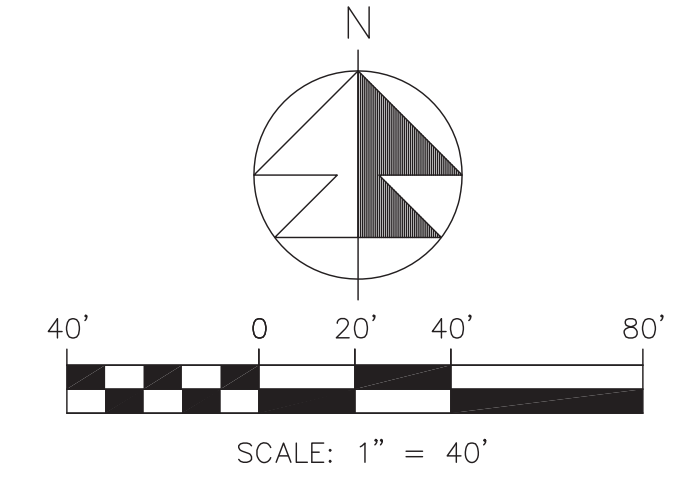
BLDG
070,080 SF
KSF OFFICE
KSF WAREHOUSE

L 21.92 FT, NAVD

SEE SHT C-6



SECTION 24, TWP 35S, RGE 39E



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ⓔ	PRM BI-DIRECTIONAL AMBER/AMBER
ⓕ	FDP WHITE
ⓖ	FDP YELLOW
ⓗ	RPM BI-DIRECTIONAL WHITE/RED
ⓓ	RPM BI-DIRECTIONAL RED/YELLOW

REVISIONS			
REV	PER	SP	01-29-26

Jeff H. Iravani, Inc.
Consulting Engineers

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TEL: (561) 575-6030
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EMAIL: jhi@jhinc.com
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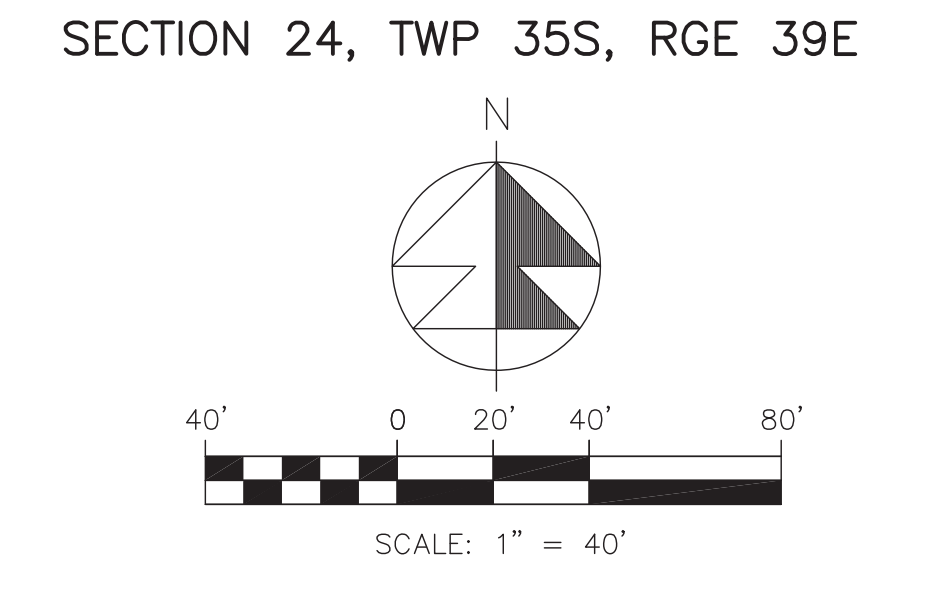
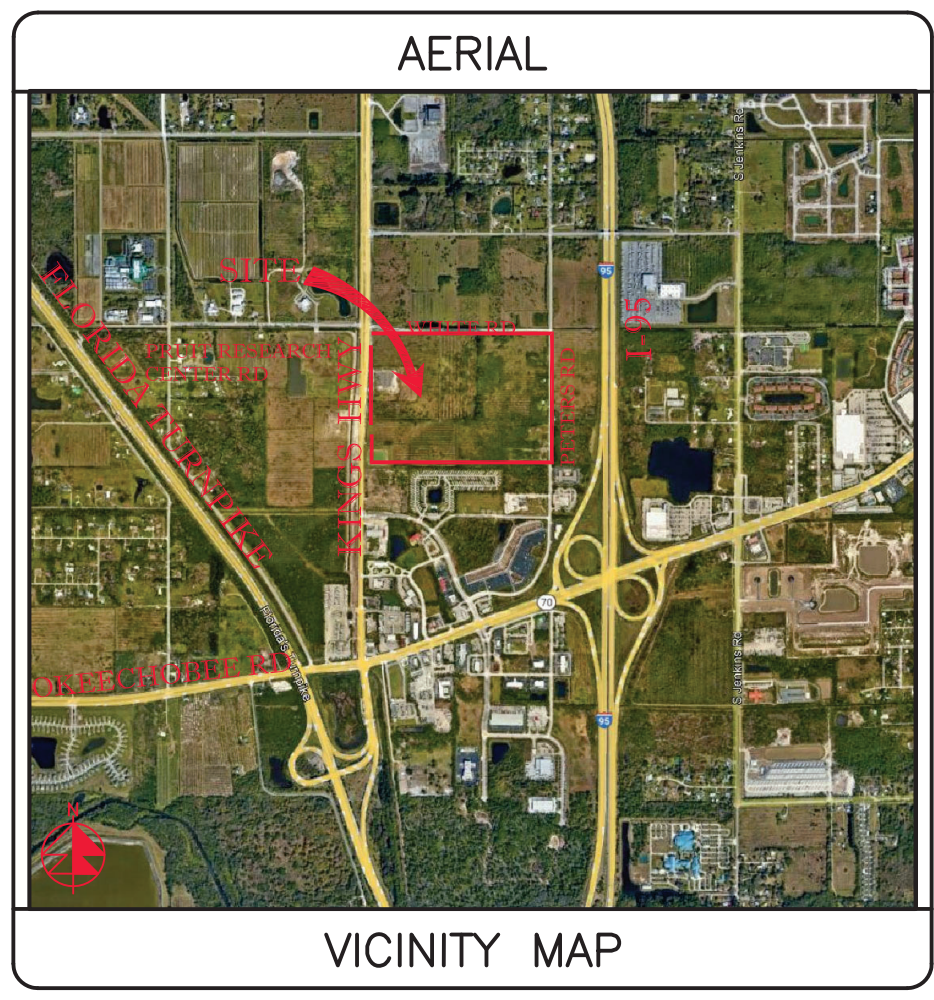
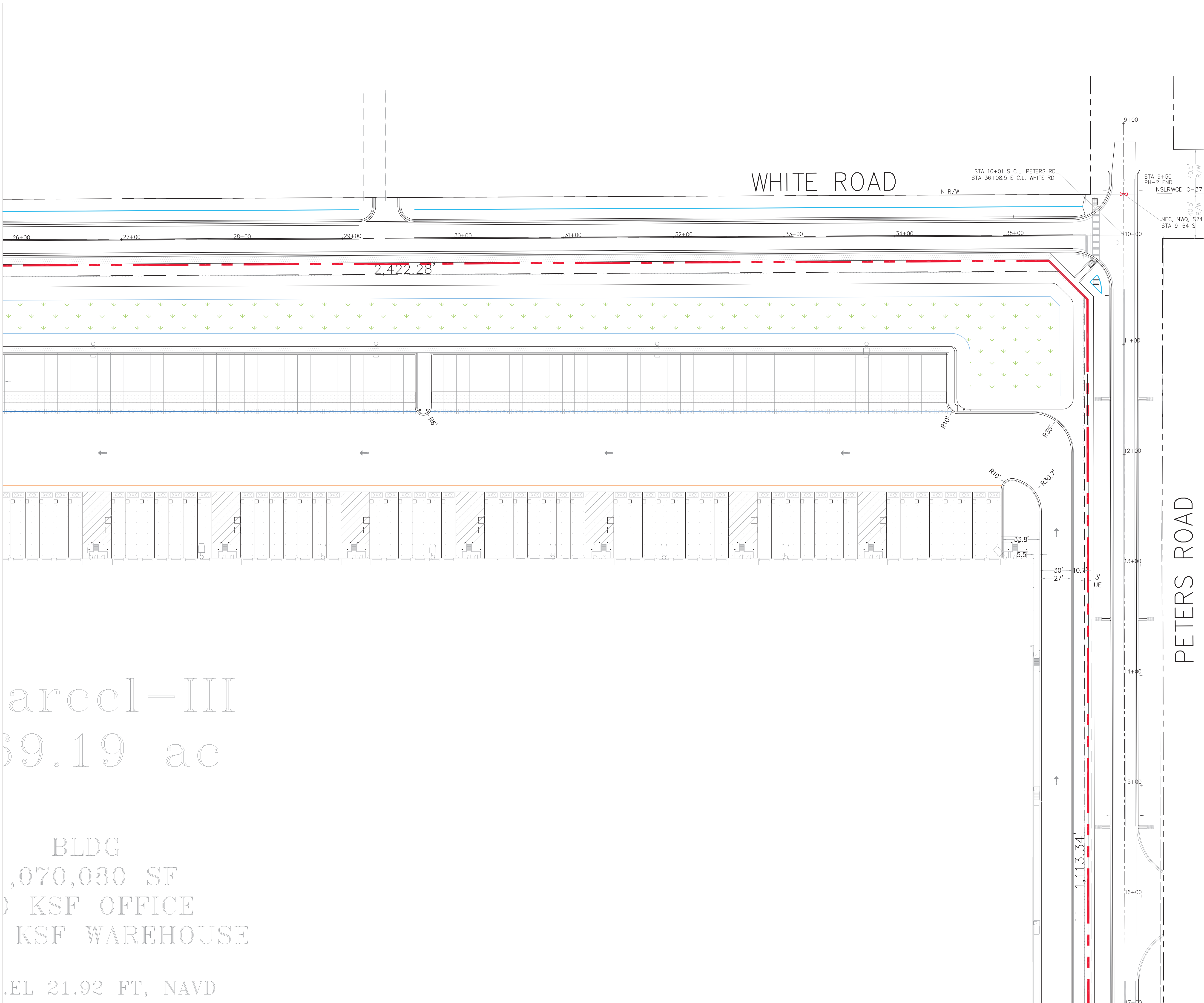
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Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Pavement Marking Plan			
DATE	SCALE	DESIGNED BY	DRAWN BY
12/24/2025	1" = 40'	JHI	DDI
			JOB NO.
			2409-1533

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10
14:05:42 -0400

SHEET NO.
C-8



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

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

Parcel-III
59.19 ac

BLDG
1,070,080 SF
KSF OFFICE
KSF WAREHOUSE

ELEV 21.92 FT, NAVD

REVISIONS

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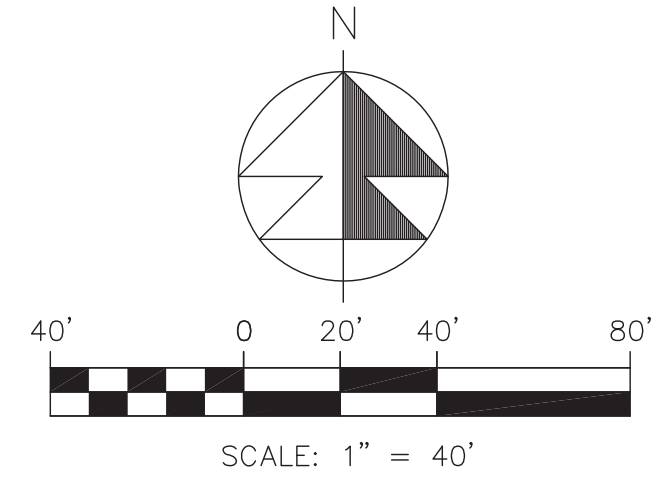
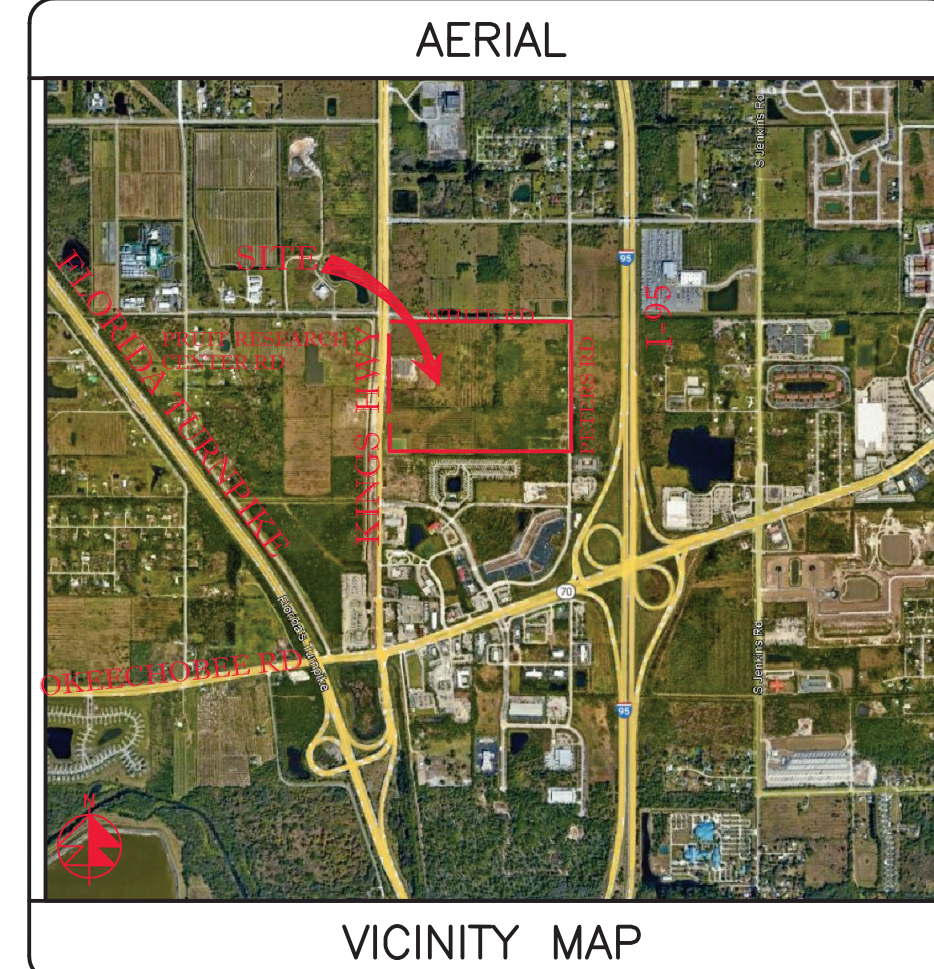
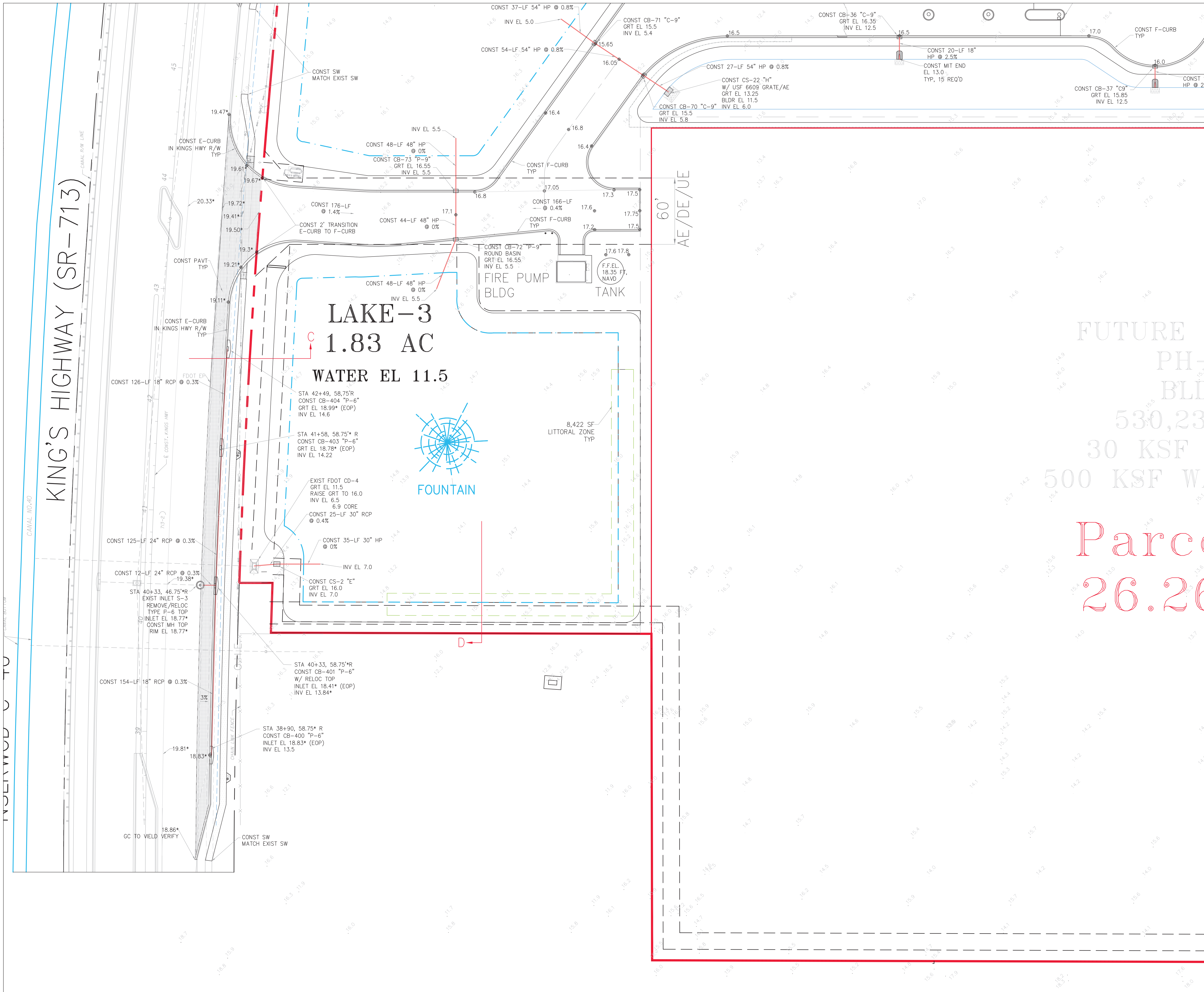
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Pavement Marking Plan	
DATE	12/24/2025
SCALE	1" = 40'
DESIGNED BY	JHI
DRAWN BY	DDI
JOB NO.	2409-1533

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10
14:06:03 -04'00'

COA 6886
SHEET NO.
C-9

SEE SHOT C-12



- NOTES:**
1. GRATE 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-11 & CS-22 SHALL USE STEEL USF 6609 GRATE /AE.
 4. ALL EXIST INFO & TOPO ARE PER MACLELLAN SURVEYING & MAPPING, INC., DWG # 21-020. ALL ELEV'S ARE IN FT, NAVD 1988.
 5. 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.
 6. INLETS SHALL BE PROTECTED DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
 7. ALL CATCH BASINS LOCATED IN E/F-CURB SHALL HAVE USF 6168 FRAME & GRATE.
 8. ALL CATCH BASINS AND MANHOLES SHALL HAVE TURBIDITY CONTROL BARRIERS PER DETAIL DURING THE CONST PHASE OF THE PROJECT.
 9. CONTRACTOR SHALL CONSTRUCT SILT FENCE AT P/L.
 10. 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.
 11. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
 12. PAVT SHALL BE 1.8" ABOVE THE INLET GRATE & E/F-CURB
 13. ALL O-CURBS SHALL TERMINATE WITH 2" TAPER.
 14. ALL CATCH BASINS TYPES REFER TO FDOT INDEX 425-052.
 15. 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 PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
*	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
-NND	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

811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

REV PER	SP	01-29-26
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EMAIL: jhi@jhisouth.net

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Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Grading, Paving & Drainage Plan

DATE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	JHI	DDI	2409-1533

Digitally signed by Jeff H. Iravani
Date: 2026.03.10 14:06:30 -04'00'

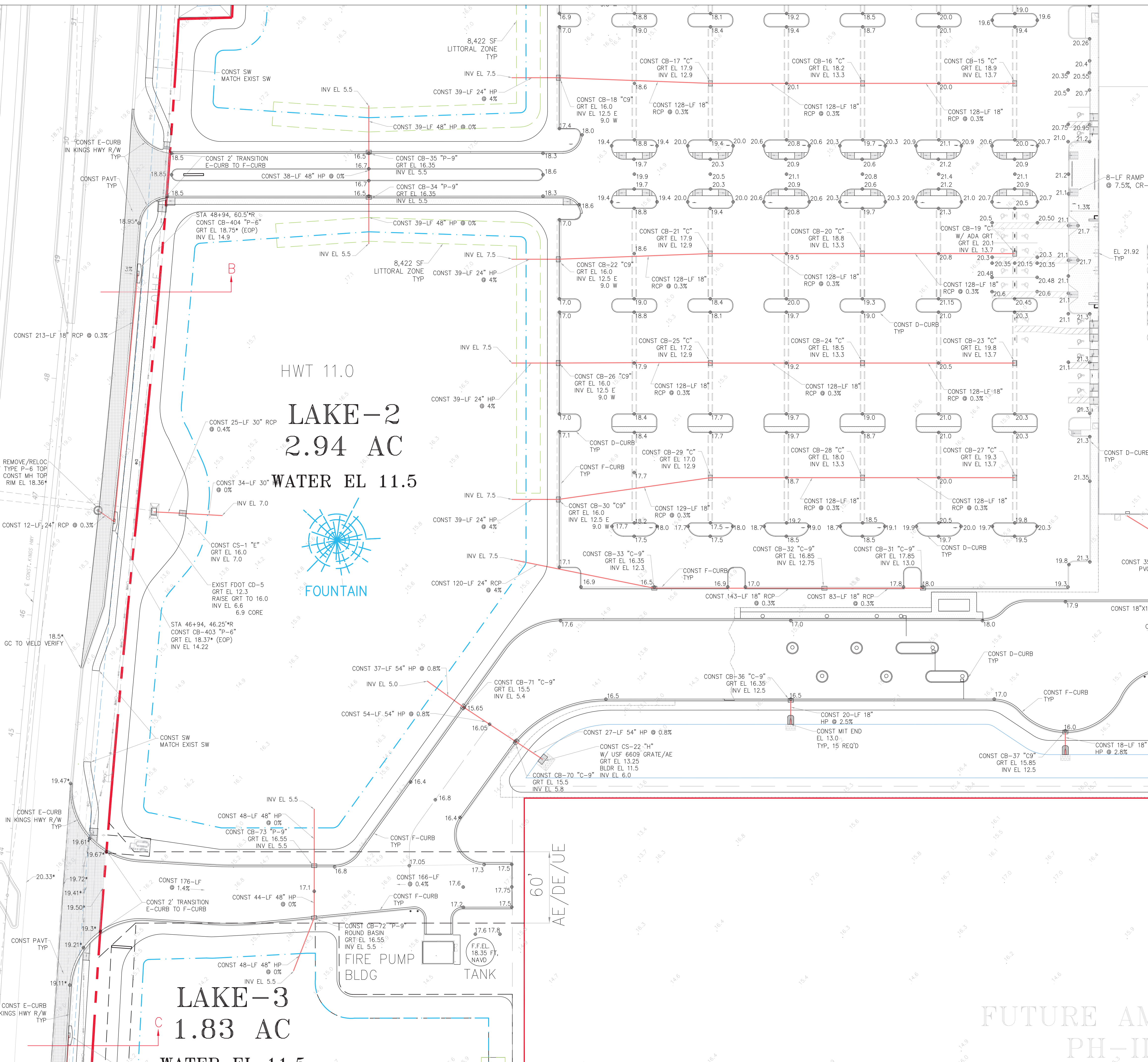
COA 6386
SHEET NO. C-11

SEE SHT C-13

NSLRWCD C-40

CANAL ROW LINE

HWY (SR-713)

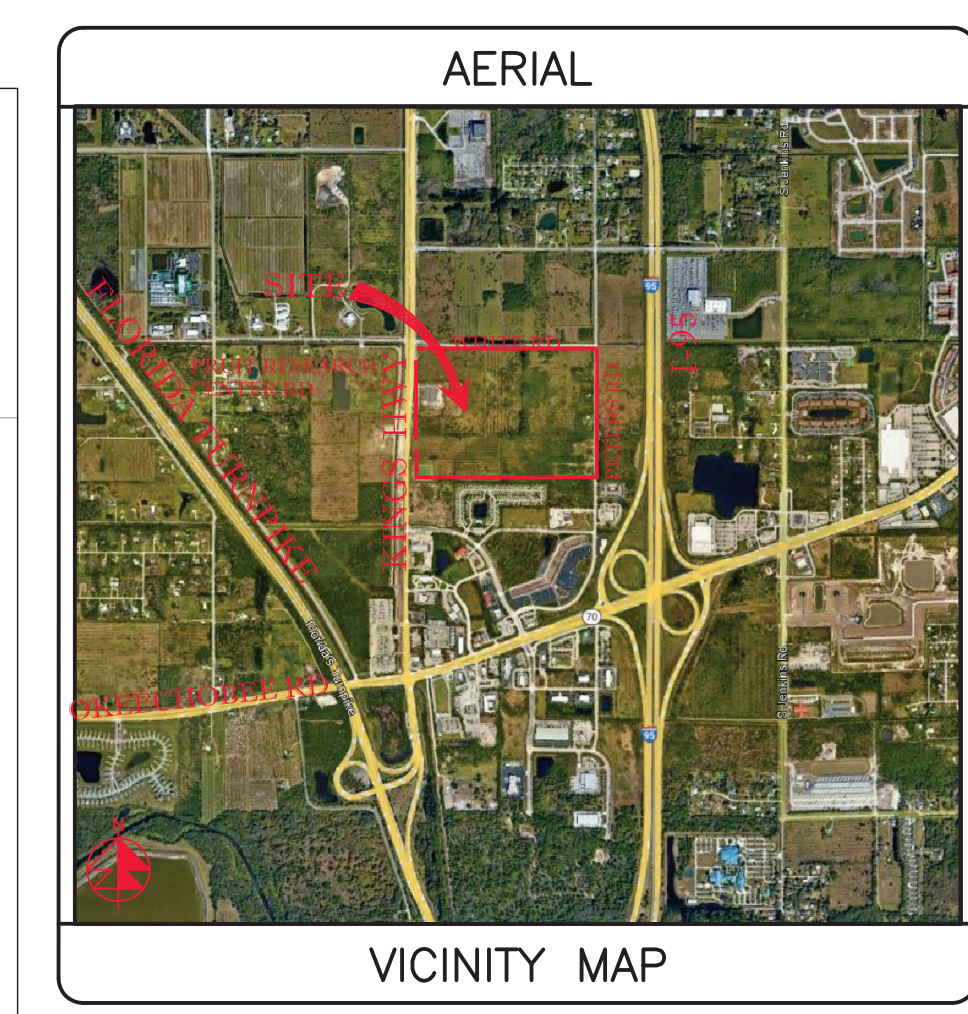


HWT 11.0
LAKE-2
 2.94 AC
 WATER EL 11.5

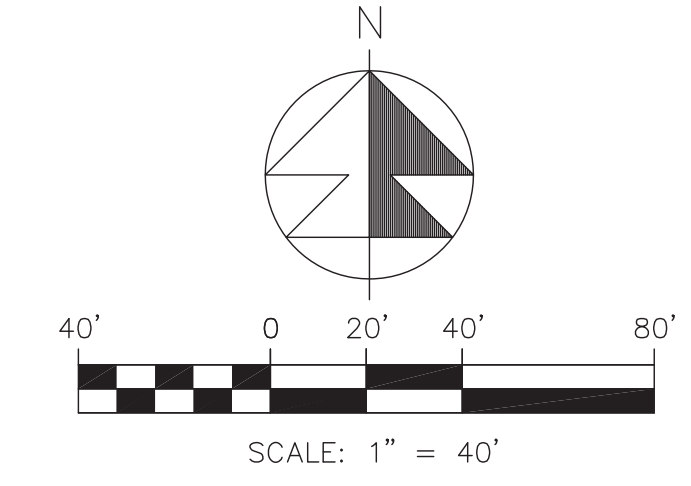


LAKE-3
 1.83 AC
 WATER EL 11.5

SEE SHT C-11



SECTION 24, TWP 35S, RGE 39E



- NOTES:
- GRATE EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
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LEGEND

19.7	PROP PAVT EL
18.8	EXIST EL
18.1	CONTRACTOR TO FIELD VERIFY
*	CONTRACTOR TO FIELD VERIFY
INV EL	INVERT EL
CB	CATCH BASIN
YO	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
+	GATE VALVE
+	GATE VALVE
+	SIAMASE CONN.
+	CHECK VALVE
+	DOUBLE DETECTOR
+	CHECK VALVE
+	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
+	SAMPLE POINT
+	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
OB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VALVE
CO	CLEANOUT
+	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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

REVISIONS

REV PER	SP 01-29-26
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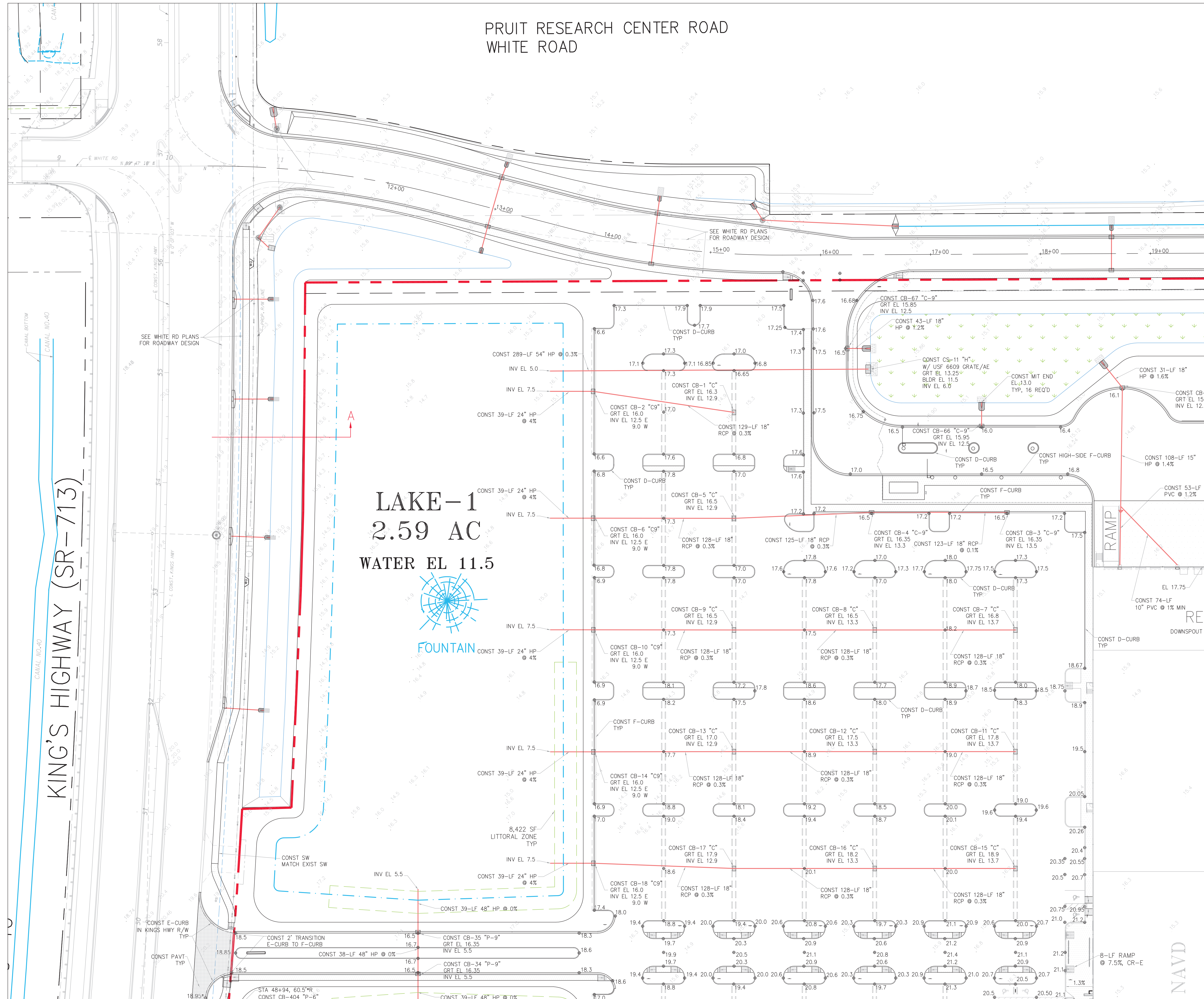
Kings Highway Commerce Park
 Parcel-III
 Fort Pierce, Florida

Grading, Paving & Drainage Plan

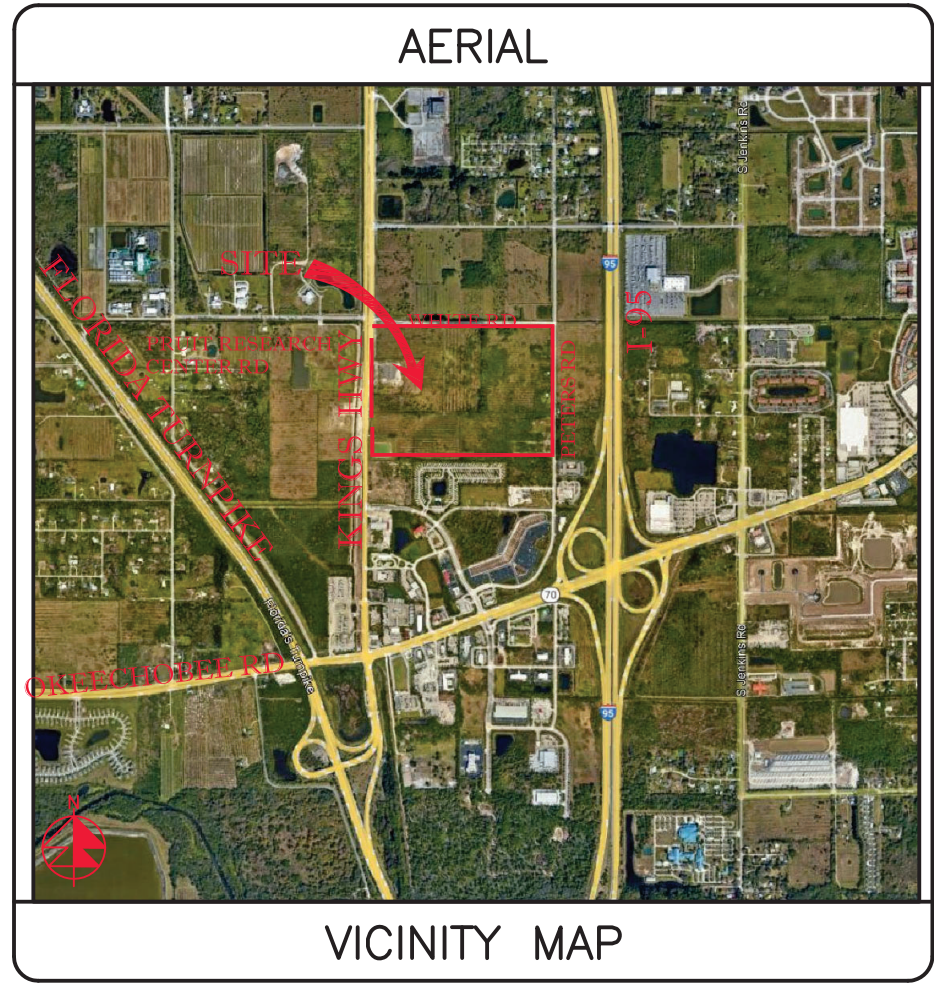
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12/24/2025	JHI	DDI	2409-1533

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 Date: 2026.03.10 14:06:46
 SHEET NO. C-12

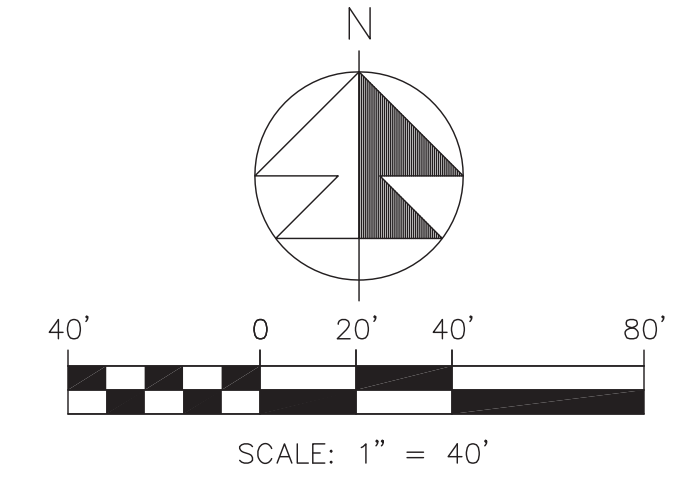
PRUIT RESEARCH CENTER ROAD
WHITE ROAD



LAKE-1
2.59 AC
WATER EL 11.5



SECTION 24, TWP 35S, RGE 39E



- NOTES:
- GRATE EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
 - TYPE "C-9" STRUCTURES SHALL BE TYPE "C" BOX WITH TYPE "9" GRATE PER FDOT INDEX 425-052.
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LEGEND

● 19.7	PROP PAVT EL
✱	EXIST EL
✱	CONTRACTOR TO FIELD VERIFY
✱	INVERT EL
✱	CATCH BASIN
✱	YARD DRAIN
✱	BOTTOM OF CURB
✱	BE
✱	TOP OF CURB
✱	TOP EL
✱	EXFILTRATION TRENCH
✱	WATER MAIN
✱	FORCE MAIN
✱	FIRE MAIN
✱	WASTEWATER GRAVITY
✱	FIRE HYDRANT
✱	GATE VALVE
✱	GATE VALVE
✱	SAMESE CONN.
✱	CHECK VALVE
✱	DOUBLE DETECTOR
✱	CHECK VALVE
✱	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
✱	SAMPLE POINT
✱	MITERED END SECTION
✱	FIN FLOOR ELEV
✱	FLOW LINE ELEV
✱	TOP OF BANK
✱	TOE OF SLOPE
✱	TOP OF CONCRETE
✱	TAPPING VALVE
✱	CLEANOUT
✱	BORING NO. AND LOCATION
✱	/AE APPROVED EQUIVALENT

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

REVISIONS

REV	PER	SP	01-29-26
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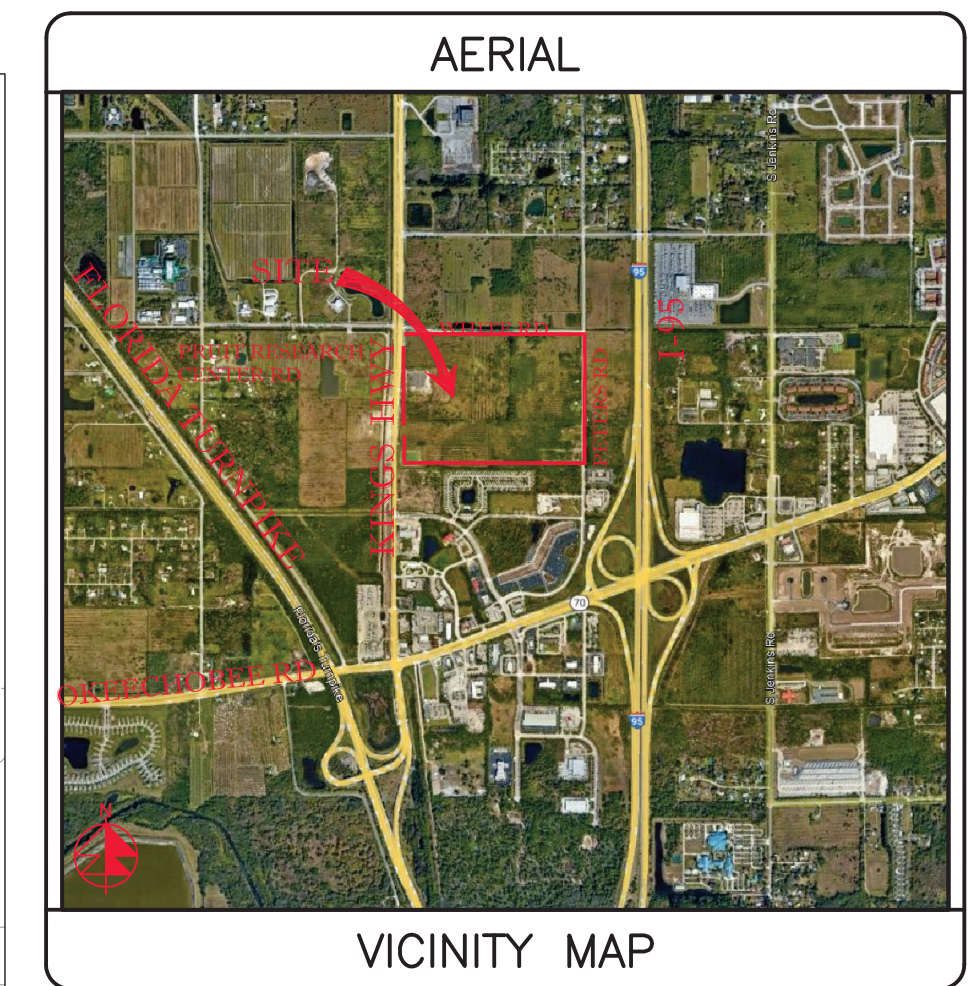
Grading, Paving & Drainage Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	1"=40'	JHI	DDI	2409-1533

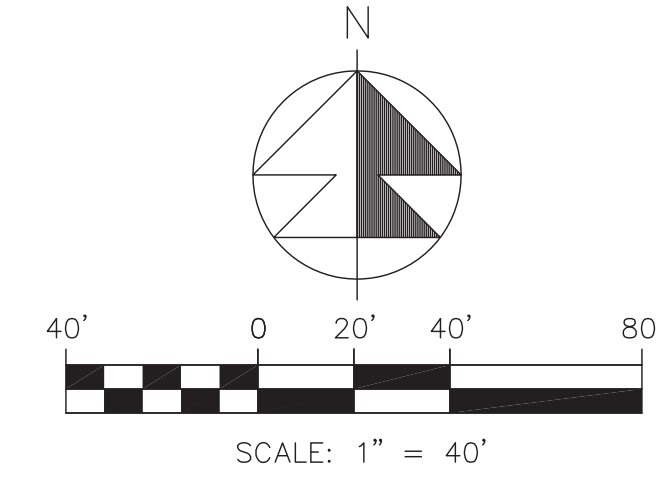
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Jeff H. Iravani
Date: 2026.03.10 14:07:03
-04'00"
COA 6896
SHEET NO.
C-13

SEE SHT C-12

BLDG
1,070,080 SF
60 KSF OFFICE
1,010 KSF WAREHOUSE
F.F.EL 21.92 FT, NAVD



SECTION 24, TWP 35S, RGE 39E



- NOTES:
- GRATE EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
 - TYPE "C-9" STRUCTURES SHALL BE TYPE "C" BOX WITH TYPE "9" GRATE PER FDOT INDEX 425-052.
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REVISIONS	
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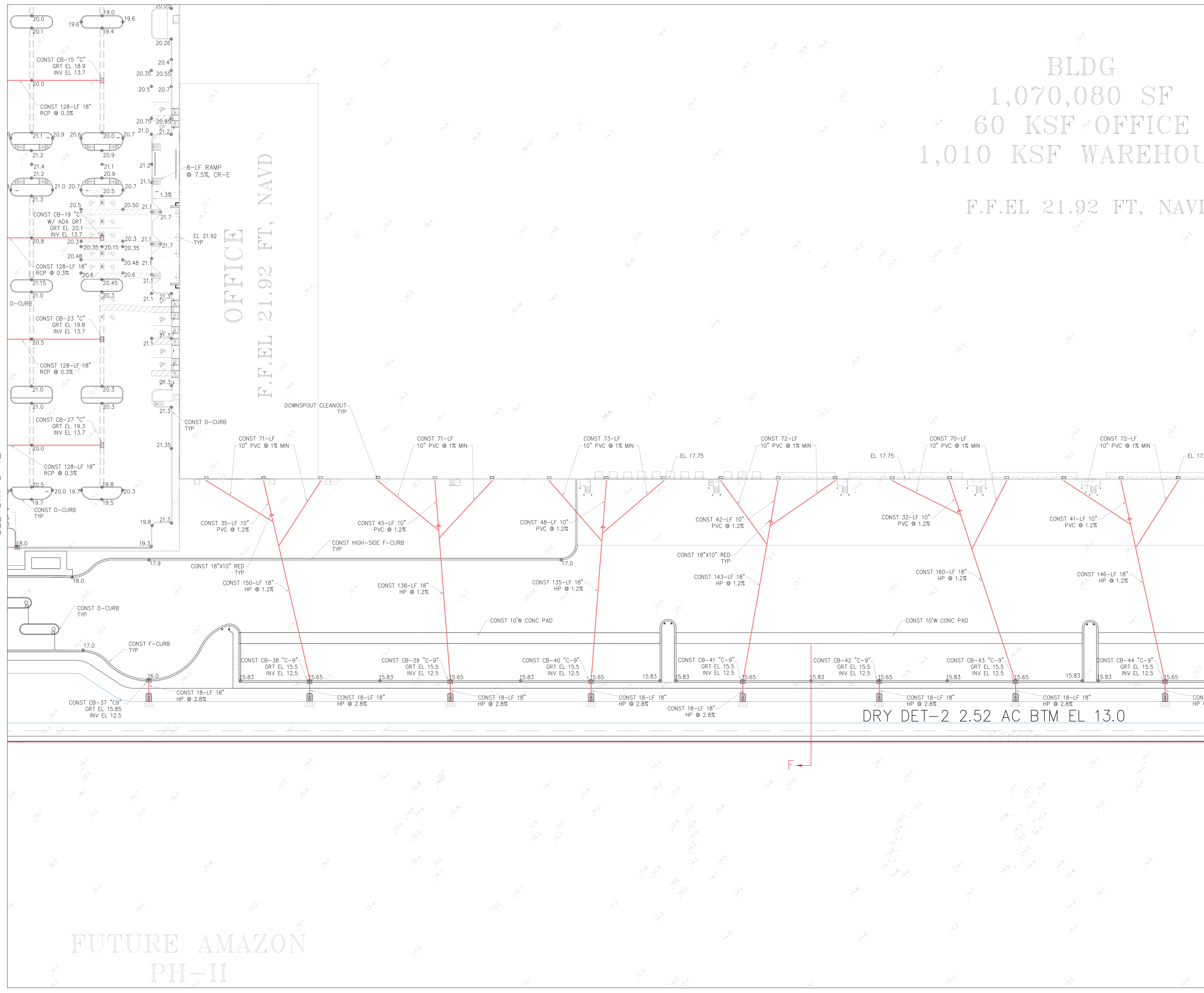
Amazon
Distribution Center

Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Grading, Paving & Drainage Plan

DATE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	JHI	DDI	2409-1533
SCALE	1" = 40'		

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:07:19
SHEET NO. C-14

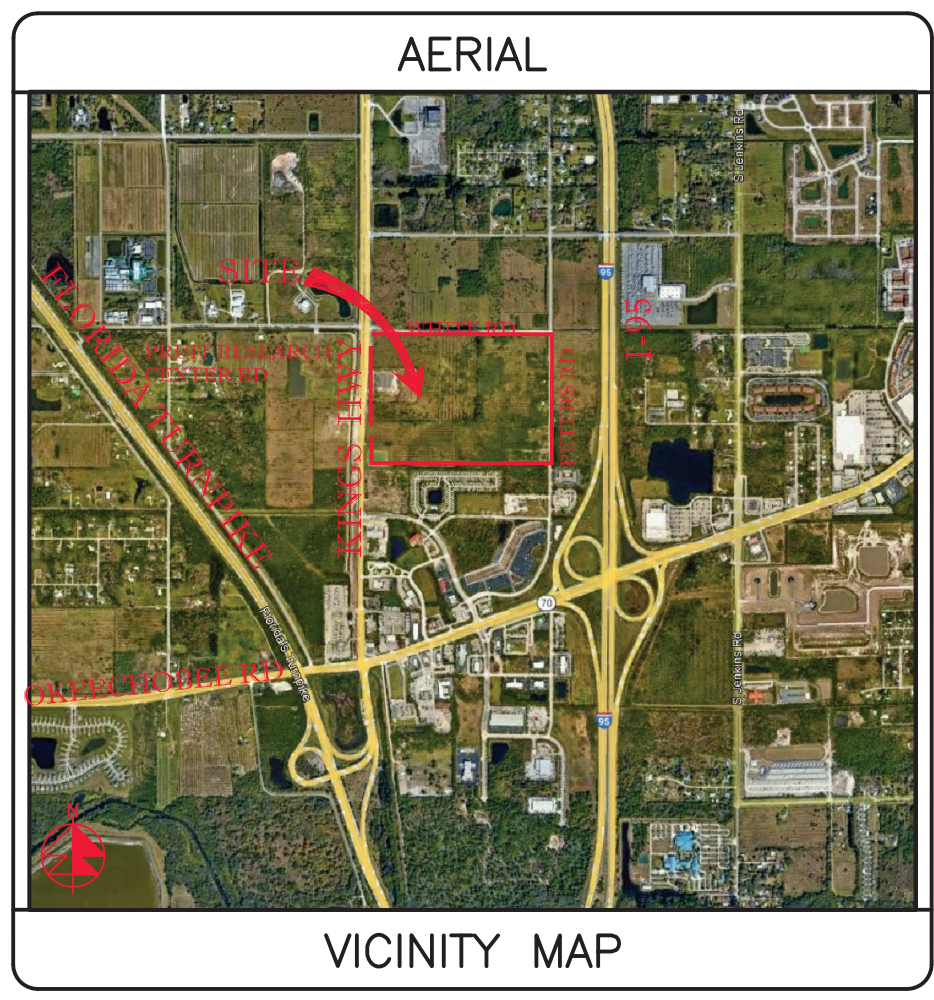
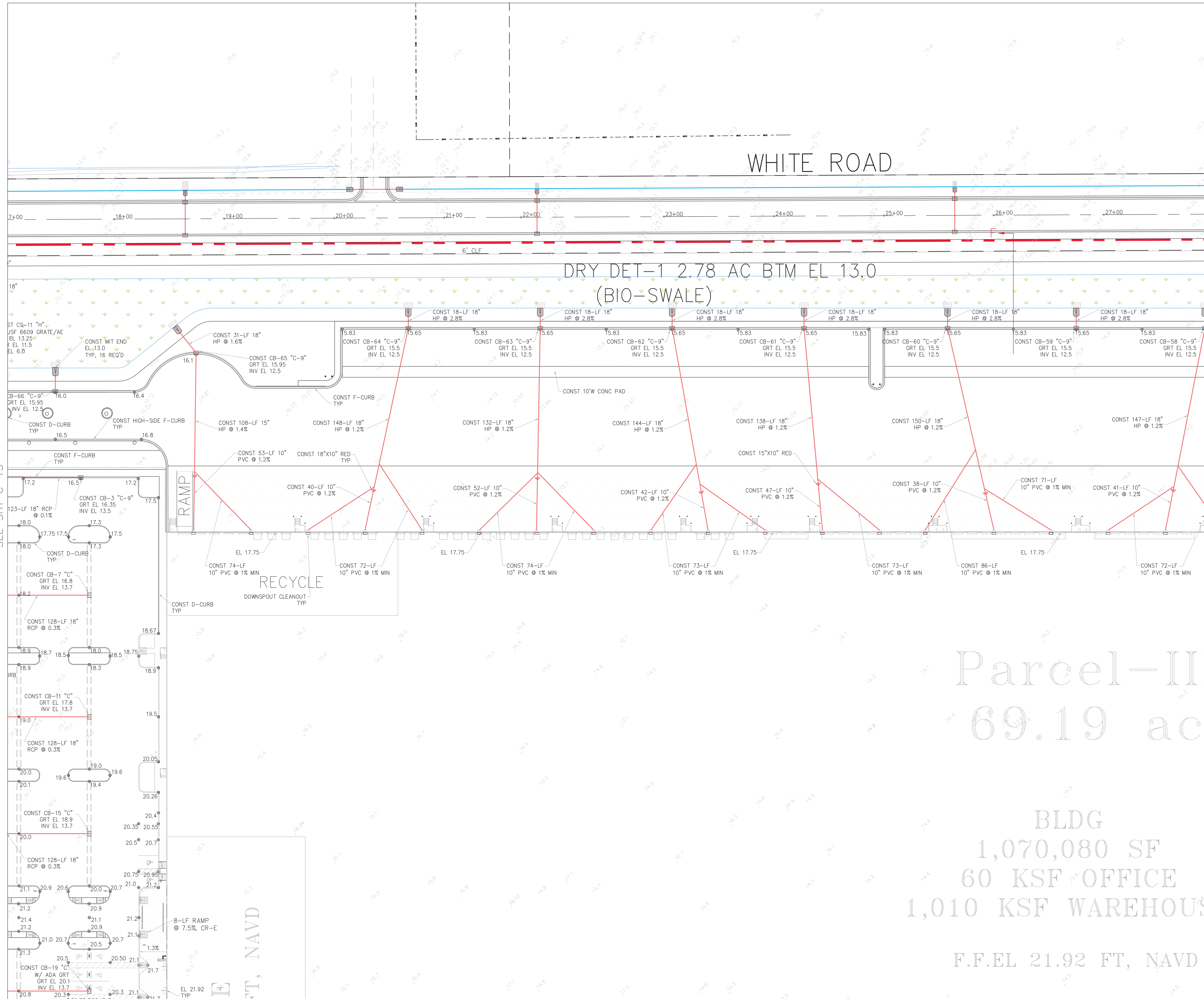


FUTURE AMAZON
PH-II

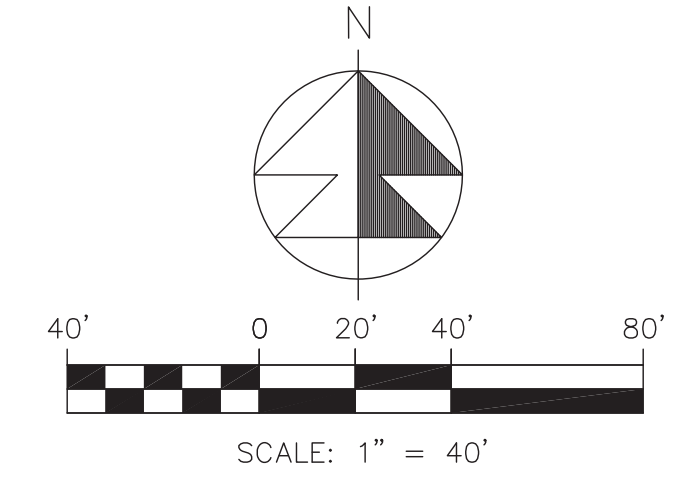
48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

LEGEND

⊙ 19.7	PROP PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
*	INVERT EL
⊙	CATCH BASIN
⊙	YARD DRAIN
⊙	BOTTOM OF CURB
⊙	TOP OF CURB
⊙	TOP EL
⊙	EXFILTRATION TRENCH
⊙	WATER MAIN
⊙	FORCE MAIN
⊙	FIRE MAIN
⊙	WASTEWATER GRAVITY
⊙	FIRE HYDRANT
⊙	GATE VALVE
⊙	GATE VALVE
⊙	SIAMSESE CONN.
⊙	CHECK VALVE
⊙	DOUBLE DETECTOR
⊙	CHECK VALVE
⊙	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
⊙	SAMPLE POINT
⊙	MITERED END SECTION
⊙	FIN FLOOR ELEV
⊙	FLOW LINE ELEV
⊙	TOP OF BANK
⊙	TOE OF SLOPE
⊙	TOP OF CONCRETE
⊙	TAPPING VALVE
⊙	CLEANOUT
⊙	BORING NO. AND LOCATION
⊙	APPROVED EQUIVALENT



SECTION 24, TWP 35S, RGE 39E



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 5. 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.
 6. INLETS SHALL BE PROTECTED DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
 7. ALL CATCH BASINS LOCATED IN E/F-CURB SHALL HAVE USF 6168 FRAME & GRATE.
 8. ALL CATCH BASINS AND MANHOLES SHALL HAVE TURBIDITY CONTROL BARRIERS PER DETAIL DURING THE CONST PHASE OF THE PROJECT.
 9. CONTRACTOR SHALL CONSTRUCT SILT FENCE AT P/L
 10. 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.
 11. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, EROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
 12. PAVT SHALL BE 1.8" ABOVE THE INLET GRATE & E/F-CURB
 13. ALL D-CURBS SHALL TERMINATE WITH 2' TAPER.
 14. ALL CATCH BASINS TYPES REFER TO FDOT INDEX 425-052.
 15. ADS HP STORM PIPE MAY BE SUBSTITUTED FOR RCP PIPE PENDING EOR APPROVAL. CONTRACTOR TO PROVIDE AN ALTERNATE BID FOR ADS PIPE.

REVISIONS

REV	PER	SP	01-29-26
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Jeff H. Iravani, Inc.
 Consulting Engineers
 1934 COMMERCE LANE, SUITE 5
 JUPITER, FLORIDA 33458
 TEL: (561) 575-6030
 FAX: (561) 575-6088
 EMAIL: jh@jhinc.com
 WEBSITE: www.jhinc.com

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 Fort Pierce, Florida

Grading, Paving & Drainage Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	1"=40'	JHI	DDI	2409-1533

LEGEND

⊙ 19.7	PROP PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
*	INVERT EL
⊙	CATCH BASIN
⊙	YARD DRAIN
⊙	BOTTOM OF CURB
⊙	TOP OF CURB
⊙	TOP EL
⊙	EXP FILTRATION TRENCH
⊙	WATER MAIN
⊙	FORCE MAIN
⊙	FIRE MAIN
⊙	WASTEWATER GRAVITY
⊙	FIRE HYDRANT
⊙	GATE VALVE
⊙	CHECK VALVE
⊙	SIAMSESE CONN.
⊙	CHECK VALVE
⊙	DOUBLE DETECTOR
⊙	CHECK VALVE
⊙	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
⊙	SAMPLE POINT
⊙	MITERED END SECTION
⊙	FIN FLOOR ELEV
⊙	FLOW LINE ELEV
⊙	TOP OF BANK
⊙	TOE OF SLOPE
⊙	TOP OF CONCRETE
⊙	TAPPING VALVE
⊙	CLEANOUT
⊙	BORING NO. AND LOCATION
⊙	APPROVED EQUIVALENT

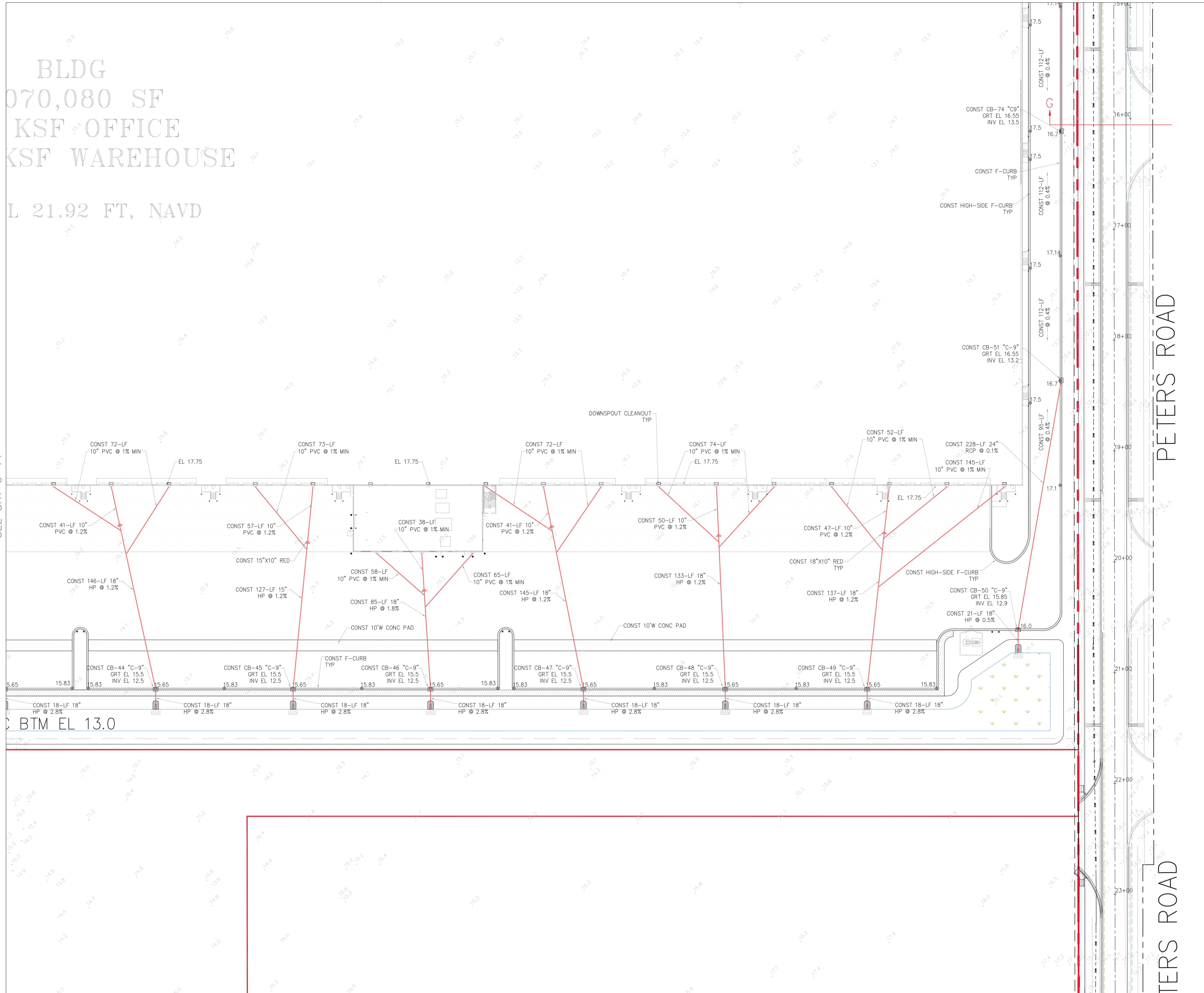
48 HOURS BEFORE DIGGING
 CALL TOLL FREE
 811
 CALL SUNSHINE
 NOTIFICATION CENTER

Digitally signed by
 Jeff H. Iravani
 Date: 2026.03.10 14:07:35 -04'00'
 C-15

BLDG
070,080 SF
KSF OFFICE
KSF WAREHOUSE

L 21.92 FT, NAVD

SEE SHT C-14



AERIAL

VICINITY MAP

SECTION 24, TWP 35S, RGE 39E

SCALE: 1" = 40'

REVISIONS

REV PER SP 01-29-26

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WEBSITE: www.jhinc.com

- NOTES:**
- GRATE EL OF TYPE-9 INLETS ARE AT THE GUTTER FLOWLINE.
 - TYPE "C-9" STRUCTURES SHALL BE TYPE "C" BOX WITH TYPE "9" GRATE PER FDOT INDEX 425-052.
 - ALL OTHER INLET GRATES SHALL BE USF HEAVY DUTY LOADING GRATES. CS-11 & CS-22 SHALL USE STEEL USF 6609 GRATE /AE.
 - ALL EXIST INFO & TOPO ARE PER MAGELLAN SURVEYING & MAPPING, INC., DWG # 21-020. ALL ELEV'S ARE IN FT, NAVD 1988.
 - 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.
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Amazon
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Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Grading, Paving & Drainage Plan

DATE: 12/24/2025
SCALE: 1" = 40'
DESIGNED BY: JHI
DRAWN BY: DDI
JOB NO.: 2409-1533

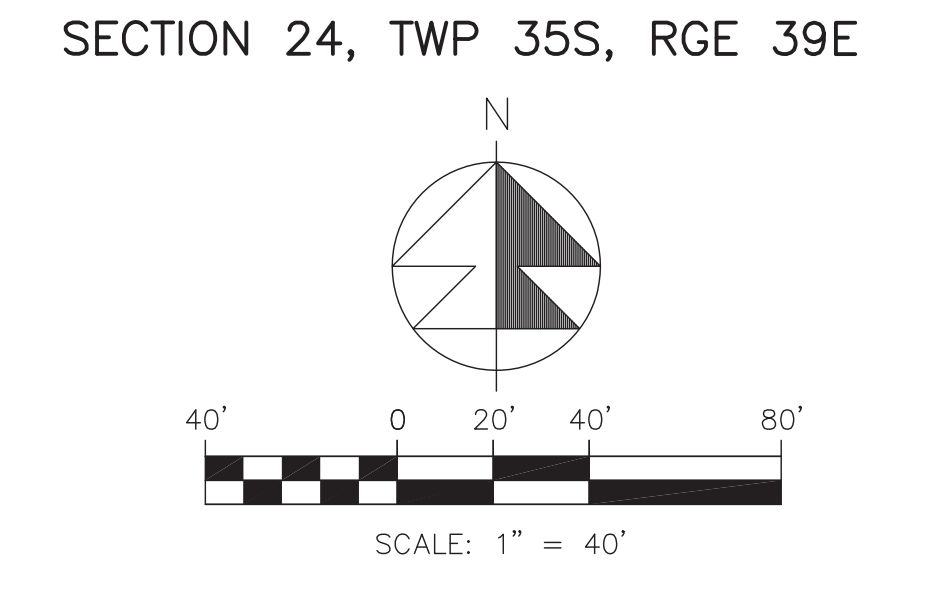
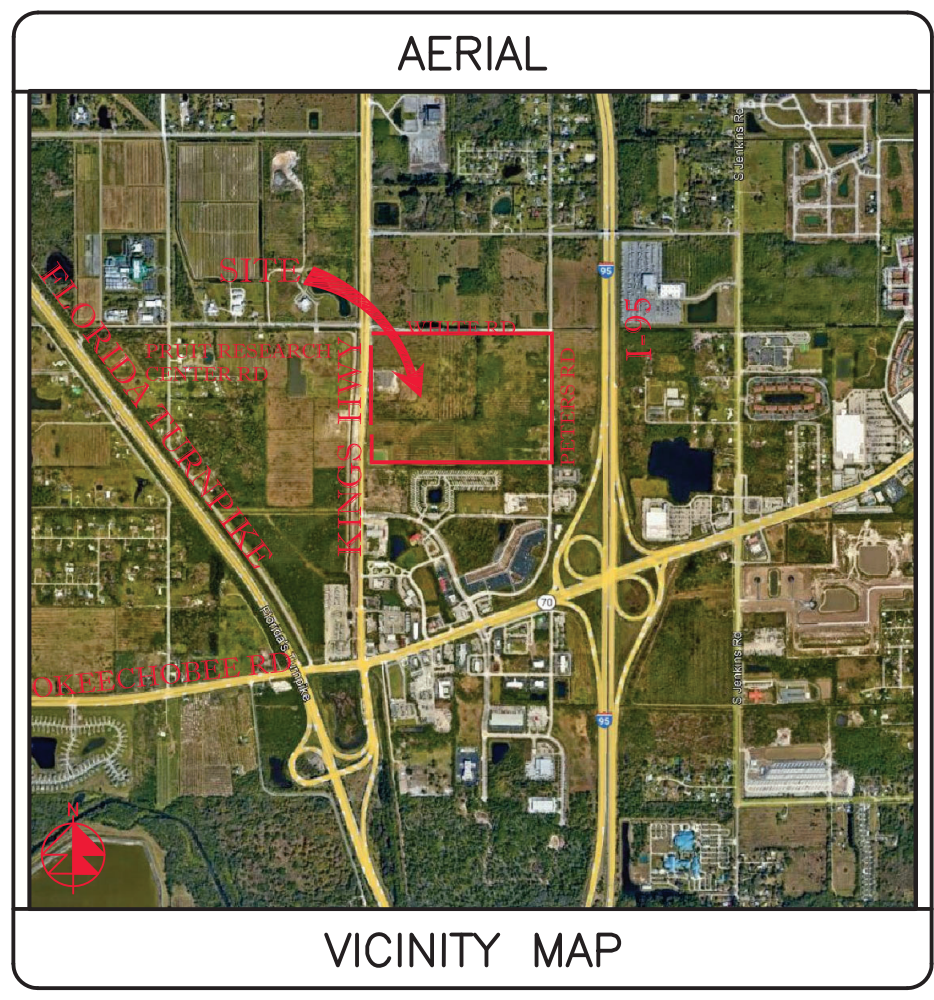
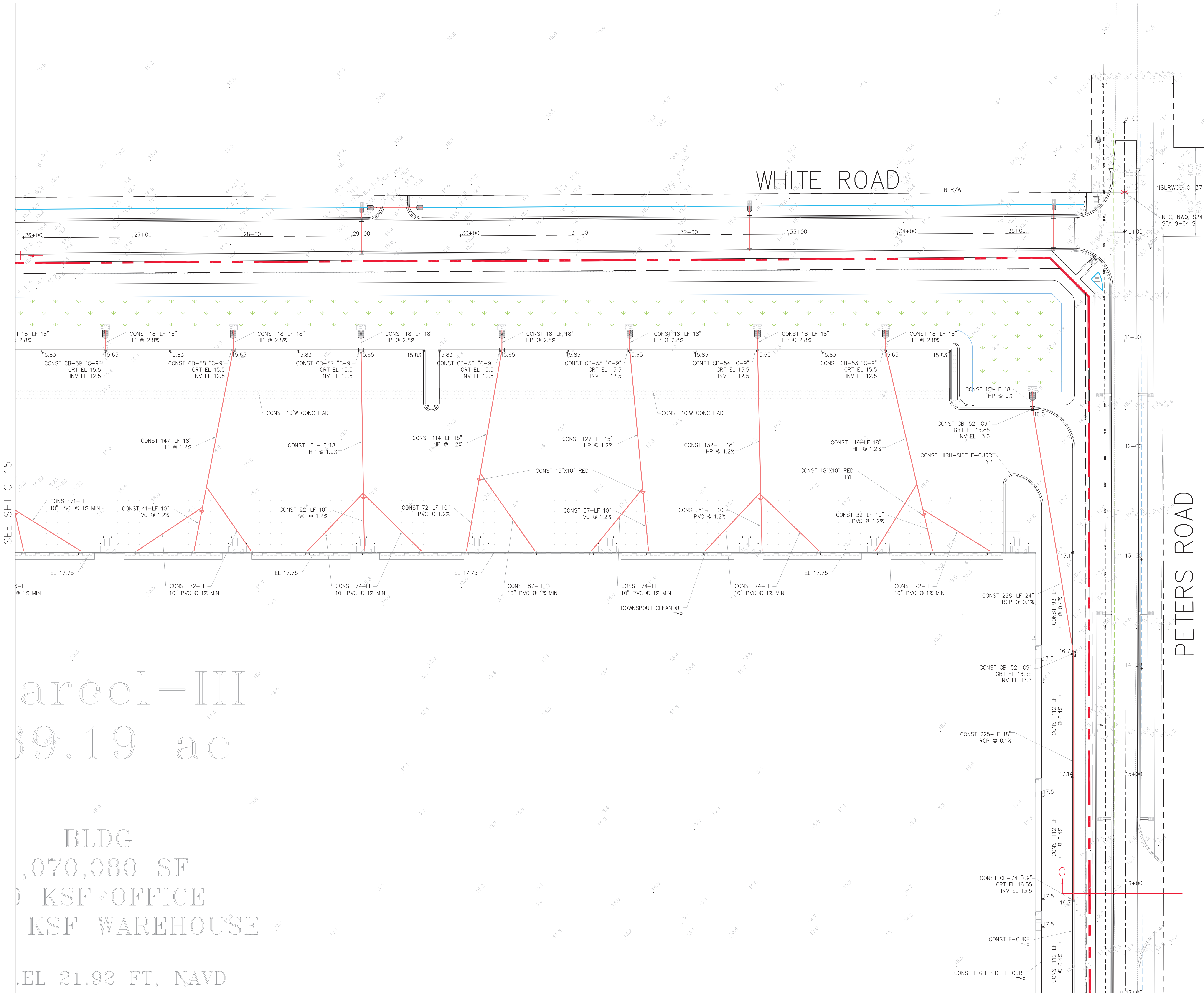
LEGEND

- ⊙ 19.7 PROP PAVT EL
- ⊙ EXIST EL
- ⊙ CONTRACTOR TO FIELD VERIFY
- * INV EL
- ⊙ INVERT EL
- ⊙ CATCH BASIN
- ⊙ YARD DRAIN
- ⊙ 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
- ⊙ CV GATE VALVE
- ⊙ GS GATE VALVE
- ⊙ SC SIEMSE CONN.
- ⊙ CV CHECK VALVE
- ⊙ DD DOUBLE DETECTOR
- ⊙ CV CHECK VALVE
- ⊙ WM WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
- ⊙ MES SAMPLE POINT
- ⊙ F.F.EL FIN FLOOR ELEV
- ⊙ F.L.EL FLOW LINE ELEV
- ⊙ TOB TOP OF BANK
- ⊙ TOS TOE OF SLOPE
- ⊙ TV TOP OF CONCRETE
- ⊙ TOC TAPPING VALVE
- ⊙ CO CLEANOUT
- ⊙ B BORING NO. AND LOCATION
- ⊙ /AE APPROVED EQUIVALENT

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
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Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:08:14 -04'00'

COA 6886
SHEET NO. C-16



- NOTES:
1. GRATE EL OF TYPE-9 INLETS ARE AT THE OUTER 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-11 & CS-22 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.
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 15. 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 PAVT EL
○	EXIST EL
○	CONTRACTOR TO FIELD VERIFY
*	FIELD VERIFY
▽	INVERT EL
▽	CATCH BASIN
▽	YARD DRAIN
▽	BOTTOM OF CURB
▽	BOTTOM EL
▽	TOP OF CURB
▽	TOP EL
▽	EXFILTRATION TRENCH
▽	WATER MAIN
▽	FORCE MAIN
▽	FIRE MAIN
▽	WASTEWATER GRAVITY
▽	FIRE HYDRANT
▽	GATE VALVE
▽	GATE VALVE
▽	SIAMESE CONN.
▽	CHECK VALVE
▽	DOUBLE DETECTOR
▽	CHECK VALVE
▽	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
▽	SAMPLE POINT
▽	MITERED END SECTION
▽	FIN FLOOR ELEV
▽	FLOW LINE ELEV
▽	TOP OF BANK
▽	TOE OF SLOPE
▽	TOP OF CONCRETE
▽	TAPPING VALVE
▽	CLEANOUT
▽	BORING NO. AND LOCATION
▽	APPROVED EQUIVALENT

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

REVISIONS

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Jeff H. Iravani, Inc.
Consulting Engineers

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WEBSITE: www.jhinc.com

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Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Grading, Paving & Drainage Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	1"=40'	JHI	DDI	2409-1533

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:08:31 -0400

COA 6888
SHEET NO.
C-17

SEE SHT C-15

SEE SHT C-16

Parcel-III
99.19 ac

BLDG
1,070,080 SF
KSF OFFICE
KSF WAREHOUSE

EL 21.92 FT, NAVD

PRUIT RESEARCH CENTER ROAD
WHITE ROAD

WHITE ROAD

WHITE ROAD

DRY DET-1 2.78 AC BTM EL 13.0
(BIO-SWALE)

LAKE-1
2.59 AC
WATER EL 11.5



RECYCLE

Parcel-III
69.19 ac

BLDG
1,070,080 SF
60 KSF OFFICE
1,010 KSF WAREHOUSE

F.F.EL 21.92 FT, NAVD

OFFICE
F.F.EL 21.92 FT, NAVD

LAKE-2
2.94 AC
WATER EL 11.5



DRY DET-2 2.52 AC BTM EL 13.0

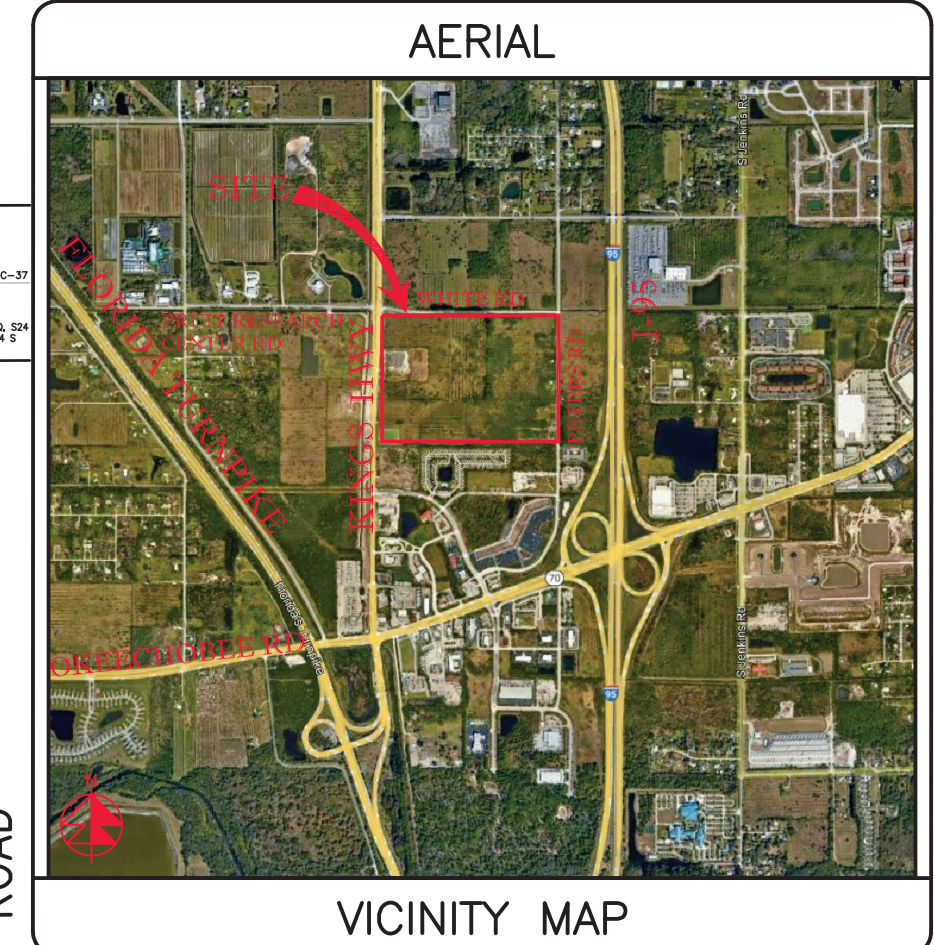
LAKE-3
1.83 AC
WATER EL 11.5



FUTURE AMAZON
PH-II
BLDG
530,230 SF
30 KSF OFFICE
500 KSF WAREHOUSE

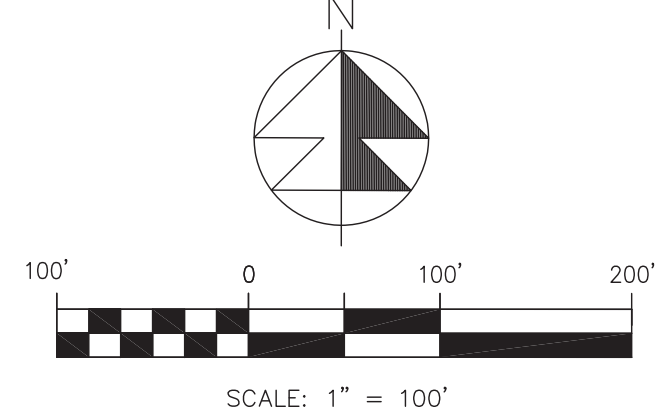
Parcel-II
26.26 ac

Parcel-I
12.00 ac



VICINITY MAP

SECTION 24, TWP 35S, RGE 39E



REVISIONS	
REV PER	FP 01/29/2026
REV PER	CITY 02/19/2026
REV PER	FD 02/24/2026
REV PER	FP 03/06/2026

Jeff H. Iravani, Inc.
Consulting Engineers

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FAX: (561) 575-6088
EMAIL: jhi@jhinc.com
WEBSITE: www.jhinc.com

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Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

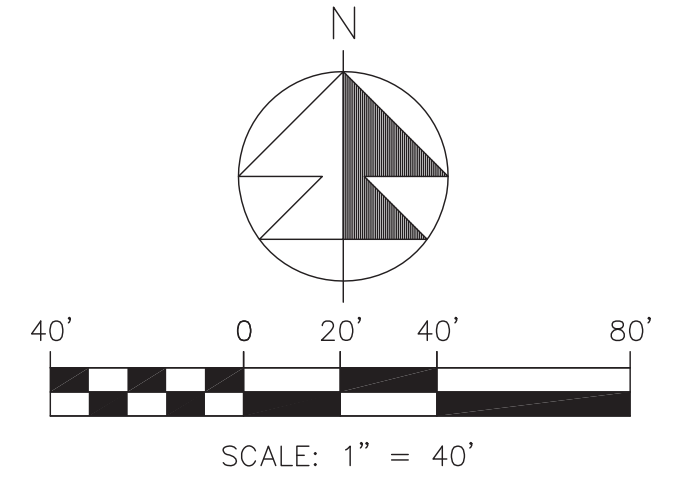
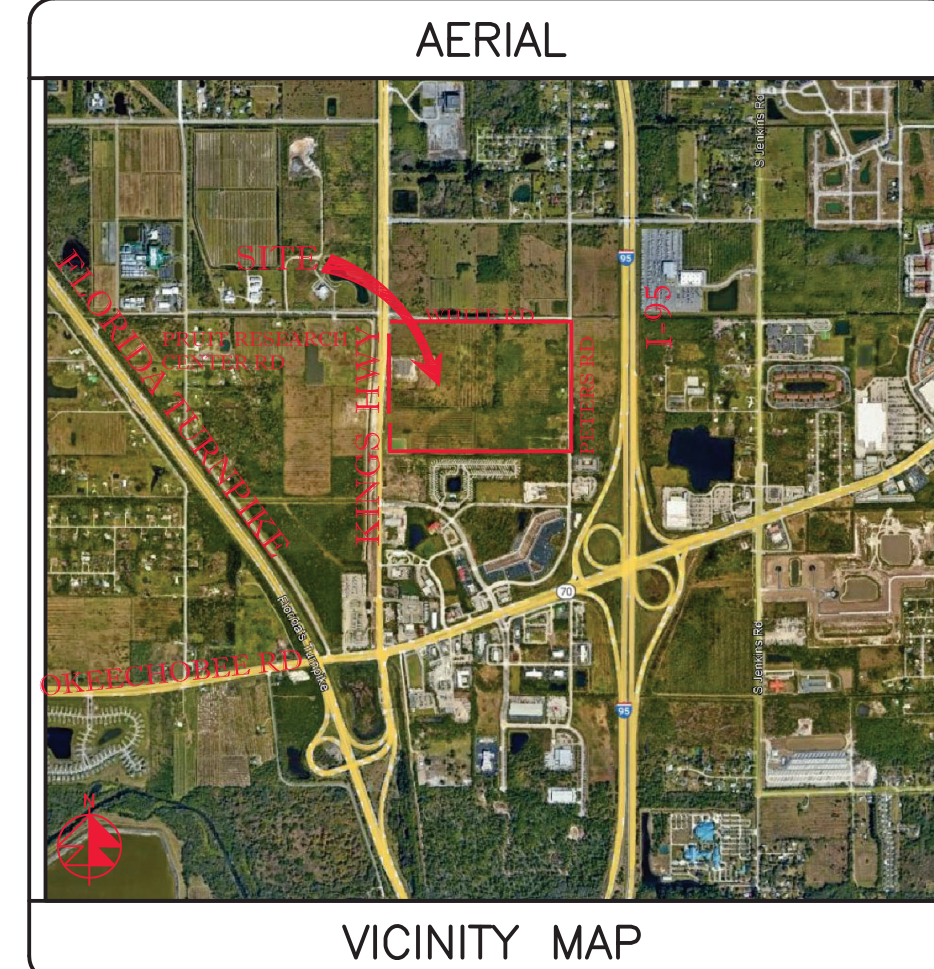
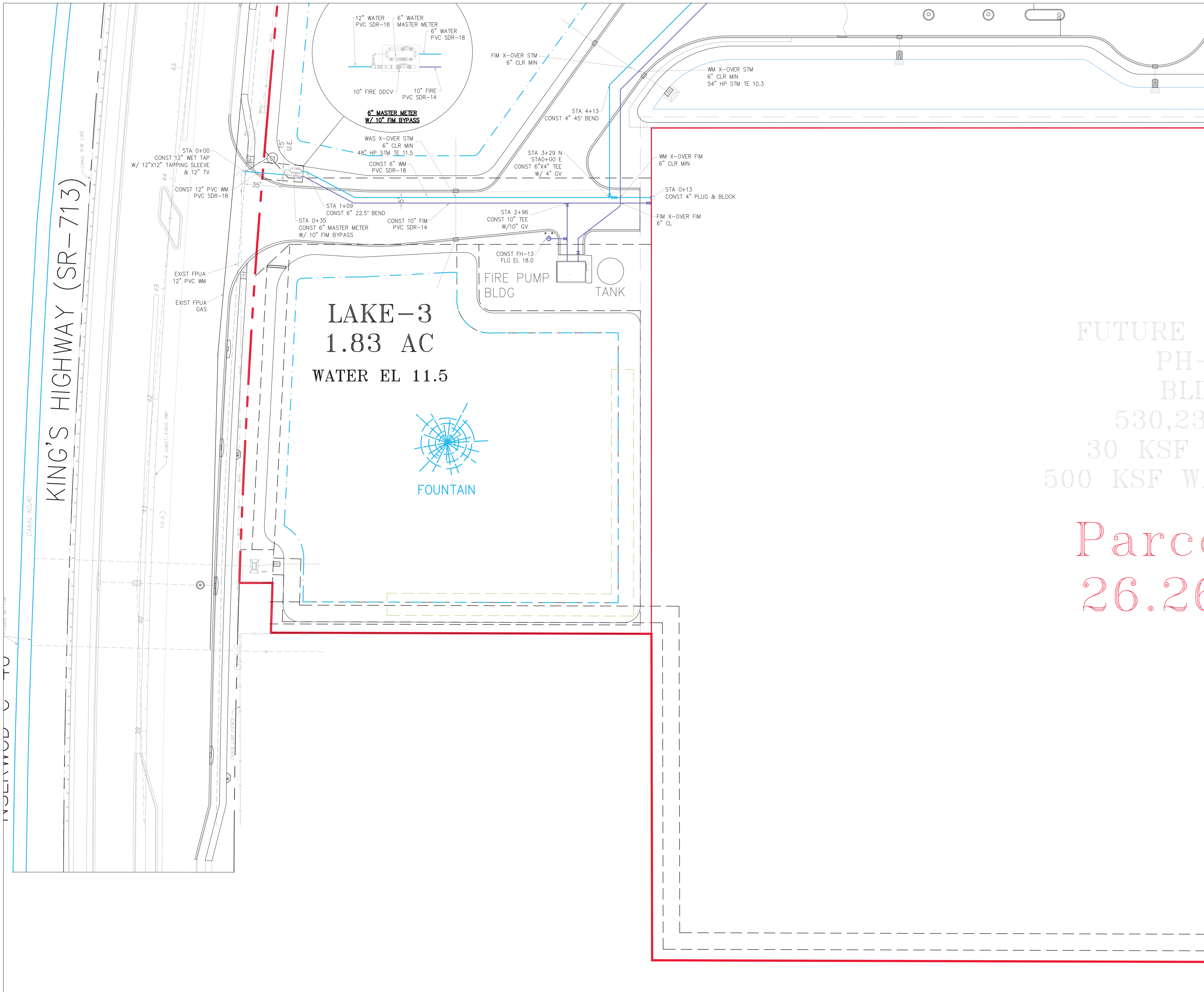
Overall Water & Wastewater Plan			
DATE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	JHI	DDI	2409-1533
SCALE	1" = 100'		

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

LEGEND	
19.7	PROP PAVT 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
SM	WASTEWATER GRAVITY
SH	FIRE HYDRANT
GV	GATE VALVE
CV	SIAMENSE CONN.
CV	CHECK VALVE
DD	DOUBLE DETECTOR
DD	CHECK VALVE
MM	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
SP	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.LEL	FLOW LINE ELEV
TOB	TOP OF BANK
TOC	TOP OF CONCRETE
TV	TAPPING VALVE
CO	CLEANOUT
B	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:08:48 -04'00'

COA 6286
SHEET NO.
C-18



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/PPDA 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(2)(b)3, F.A.C., USING BLUE AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID 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. 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.
9. CONTRACTOR SHALL PROVIDE P&L TEST ON FIM PER CITY OF FT PIERCE'S UTILITY'S REQ'S (200 PSI).
10. ALL SEWER INFRASTRUCTURE TO MEET CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.
11. WATER LINE SHALL BE SWABBED.
12. 2" BLOW OF ASSEMBLY SHALL BE CONSTRUCTED OF BRASS AND WILL REMAIN PERMANENT.
13. A JUMPER METER SHALL BE CONSTRUCTED AT TIE-IN LOCATION. THE JUMPER METER WILL REMAIN IN PLACE UNTIL CLEARANCE IS RECEIVED FROM FDEP.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TIE-IN TO THE WATER MAIN(S).
15. 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).
16. 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.
17. ALL PRIVATE FH SHALL BE PAINTED YELLOW.

LEGEND

19.7	PROP PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
*	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
CV	GATE VALVE
SC	SIAMESE CONN.
CV	CHECK VALVE
DCV	DOUBLE DETECTOR
CV	CHECK VALVE
-NND	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
⊙	SAMPLE POINT
MES	MITERED END SECTION
F.F.E.L	FIN FLOOR ELEV
F.L.E.L	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VALVE
CO	CLEANOUT
B1	BORING NO. AND LOCATION
AE	APPROVED EQUIVALENT

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

REVISIONS

REV	PER	SP	DATE
01			01-29-26

Jeff H. Iravani, Inc.
 Consulting Engineers
 1934 COMMERCE LANE, SUITE 5
 JUPITER, FLORIDA 33458
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 WEBSITE: www.jhilinc.com

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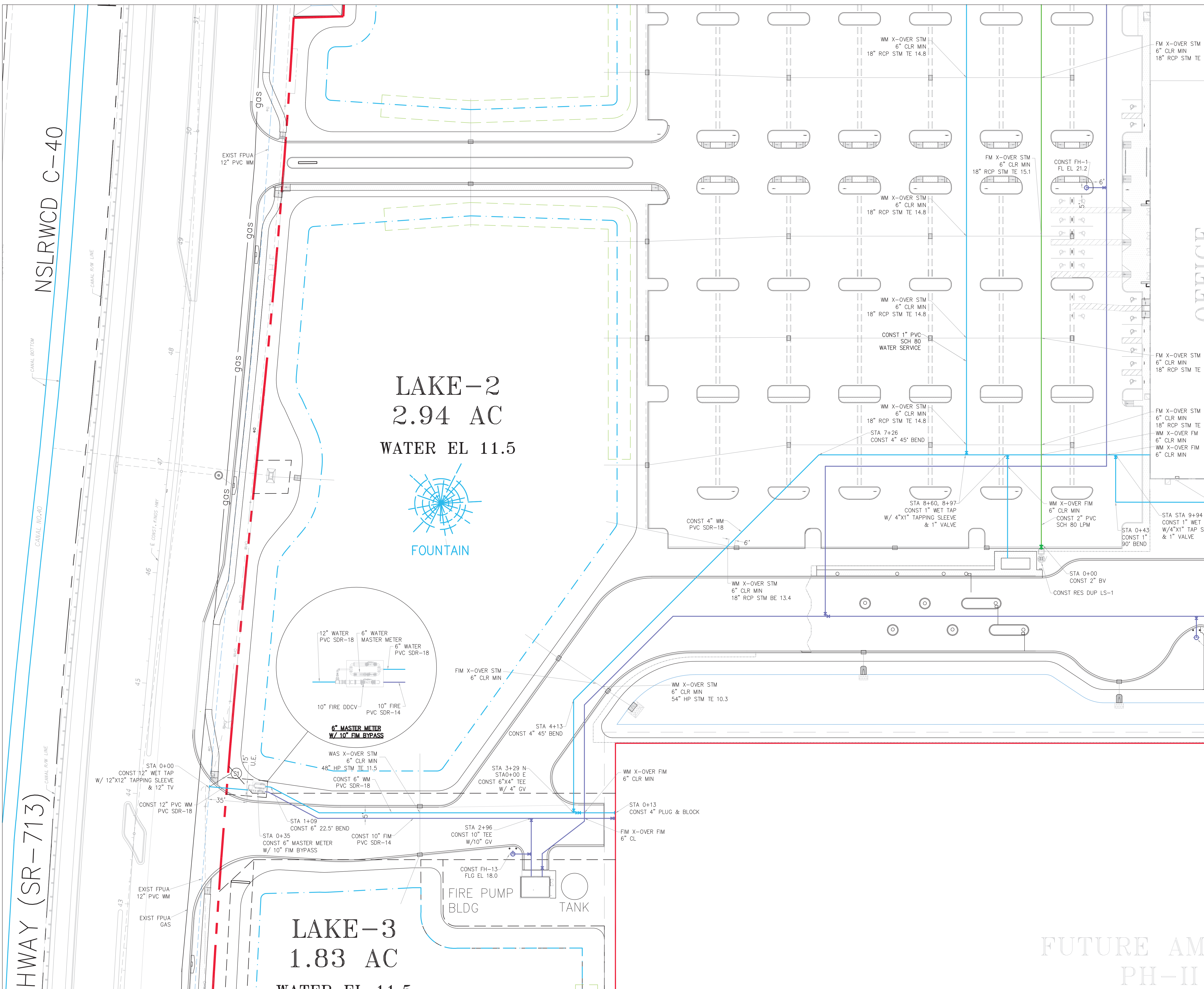
Water & Wastewater Plan

DATE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	JHI	DDI	2409-1533

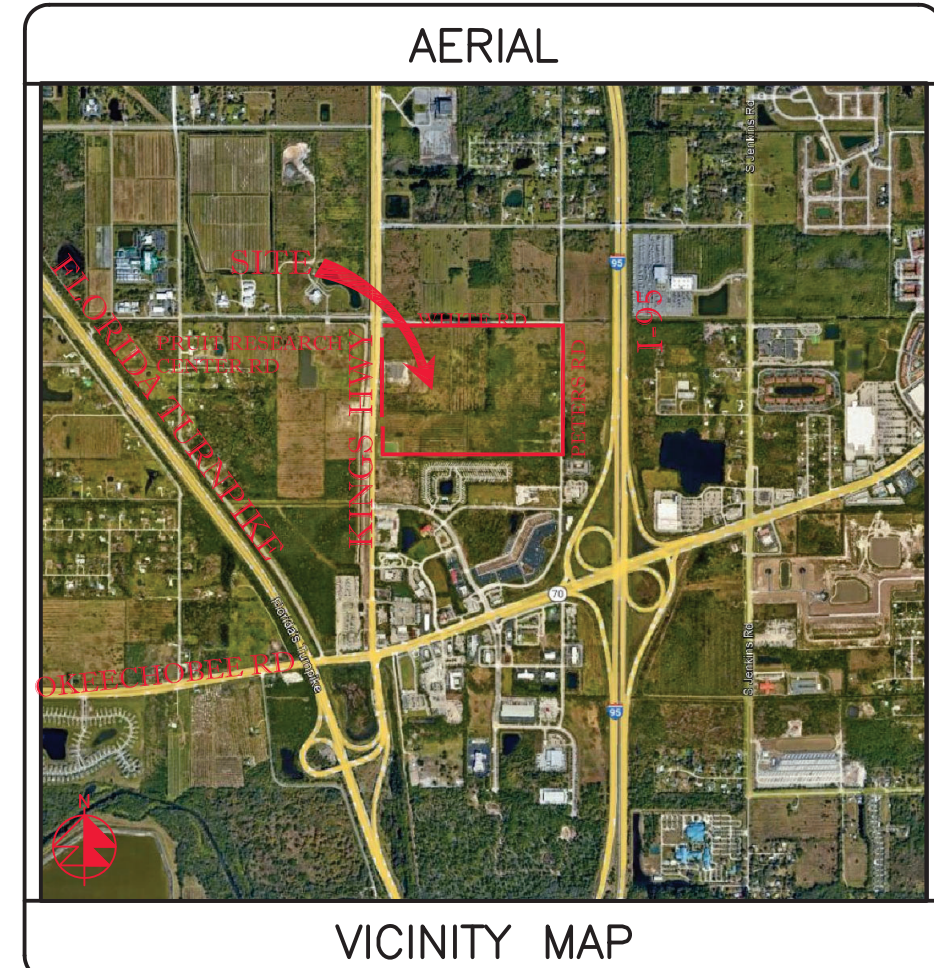
SCALE: 1" = 40'

Digitally signed by Jeff H. Iravani
 Date: 2026.03.10 14:09:20
 COA 63861000
 SHEET 08 OF 100
 C-19

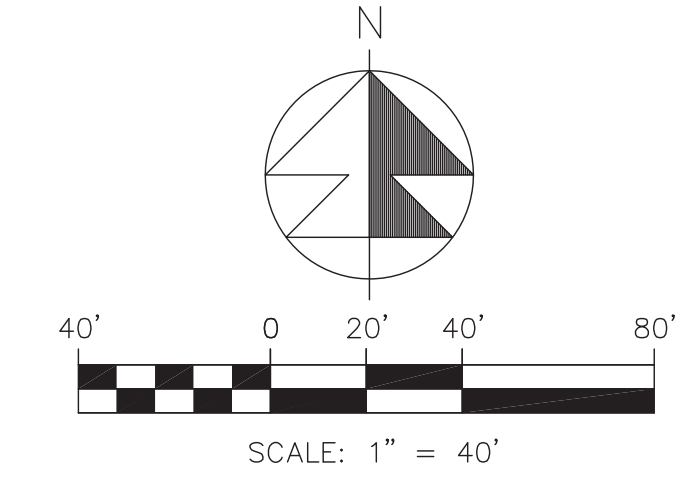
SEE SHT C-21



SEE SHT C-19



SECTION 24, TWP 35S, RGE 39E



1. THE LEFT 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 CONVS.
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 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 STRIPES 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. 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.
9. CONTRACTOR SHALL PROVIDE P&L TEST ON FIM PER CITY OF FT PIERCE'S UTILITY'S REQ'S (200 PSI).
10. ALL SEWER INFRASTRUCTURE TO MEET CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.
11. WATER LINE SHALL BE SWABBED.
12. 2" BLOW OF ASSEMBLY SHALL BE CONSTRUCTED OF BRASS AND WILL REMAIN PERMANENT.
13. A JUMPER METER SHALL BE CONSTRUCTED AT TIE-IN LOCATION. THE JUMPER METER WILL REMAIN IN PLACE UNTIL CLEARANCE IS RECEIVED FROM FDP.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TIE-IN TO THE WATER MAIN(S).
15. WATER SERVICE LINES SHALL CONSIST OF A BRONZE SERVICE SADDLE, CORPORATION STOP, TYPE "X" COPPER, AND CURB STOP (CURB STOPS FOR 1.5" AND 2" SHALL BE FLARE X FLANGE).
16. 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.
17. ALL PRIVATE FH SHALL BE PAINTED YELLOW.

LEGEND

19.7	PROP PAVT EL
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
GH	FIRE HYDRANT
GV	GATE VALVE
SC	SIAMESE CONN.
CV	CHECK VALVE
DD	DOUBLE DETECTOR
CCV	CHECK VALVE
W	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
MES	METERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOP OF SLOPE
TOC	TOP OF CONCRETE TAPPING VALVE
TV	TAPPING VALVE
CO	CLEANOUT
BN	BORING NO. AND LOCATION
AE	APPROVED EQUIVALENT

811
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REVISIONS

REV PER	SP 01-29-26
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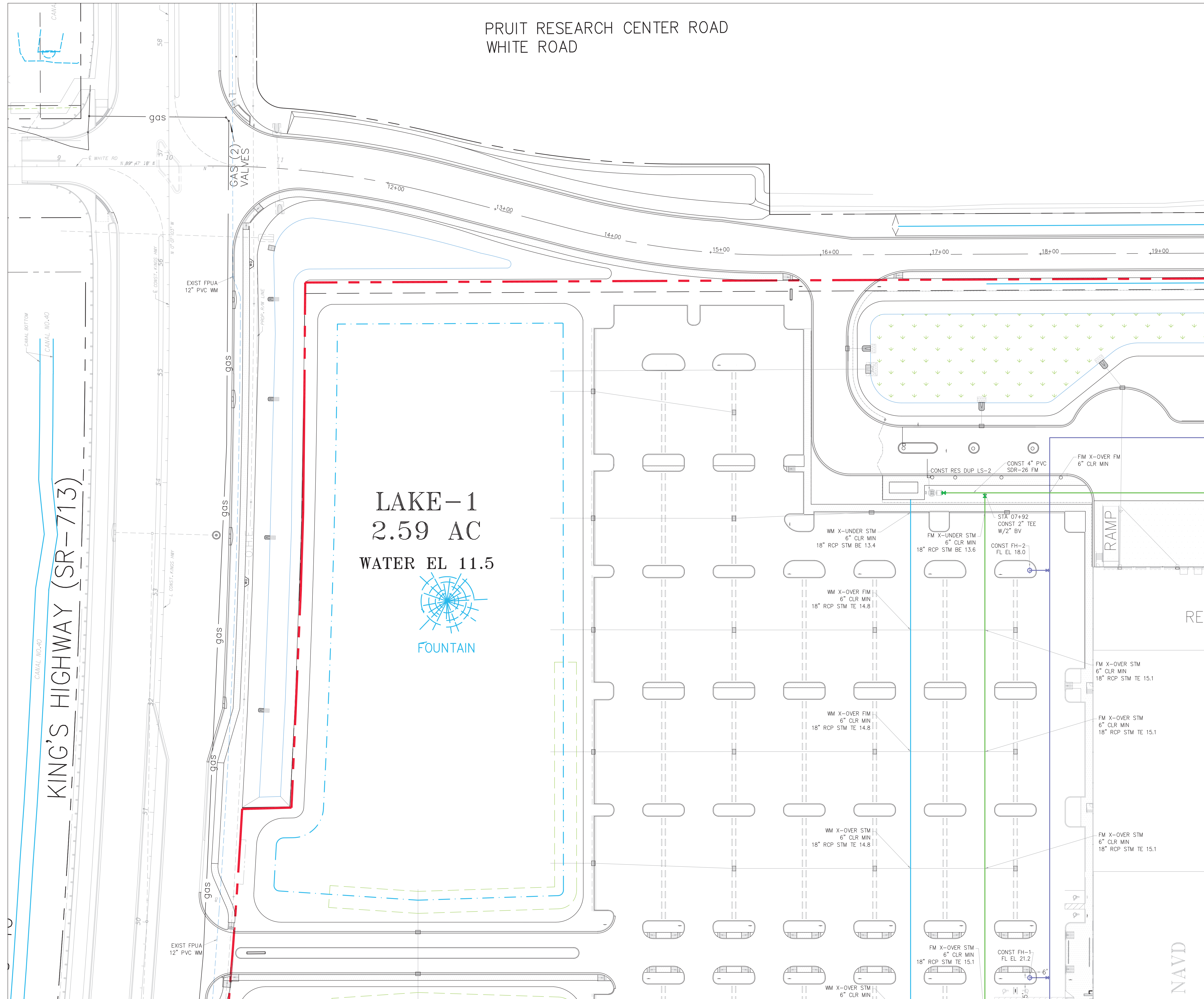
Water & Wastewater Plan

DATE	12/24/2025
SCALE	1" = 40'
DESIGNED BY	JHI
DRAWN BY	DDI
JOB NO.	2409-1533

Digitally signed by Jeff H. Irvani
Date: 2026.03.10 14:09:41 -04'00'

COA 6986
SHEET NO. C-20

PRUIT RESEARCH CENTER ROAD
WHITE ROAD



LAKE-1
2.59 AC
WATER EL 11.5

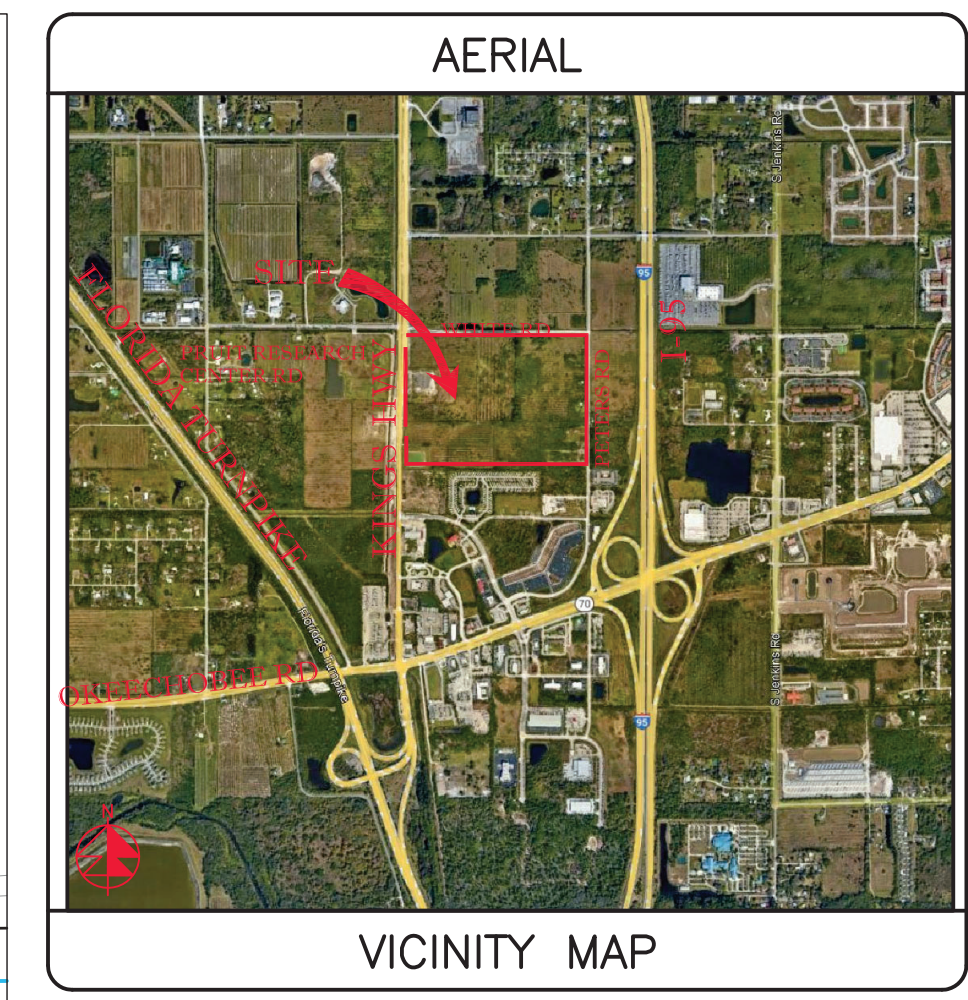


KING'S HIGHWAY (SR-713)

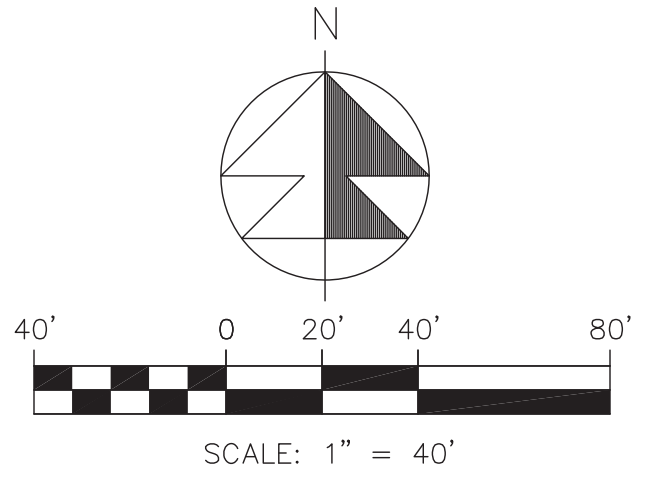
SEE SHT C-23

SEE SHT C-20

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SECTION 24, TWP 35S, RGE 39E



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 CONNS.
5. WATER MAIN SHALL BE PVC SDR-18. FIRE MAIN SHALL BE PVC C-500 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 62-555.32(2)(b)3, F.A.C., USING BLUE 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 STRIPES 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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8. CONTRACTOR SHALL CLEAN & FLUSH THE WATER LINE & PERFORM A ONE HR P&L TEST (150 PS) ON THE WM PER CITY OF FT PIERCE'S UTILITY'S REQ'S.
9. CONTRACTOR SHALL PROVIDE P&L TEST ON FM PER CITY OF FT PIERCE'S UTILITY'S REQ'S (200 PS).
10. ALL SEWER INFRASTRUCTURE TO MEET CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.
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13. A JUMPER METER SHALL BE CONSTRUCTED AT TE-IN LOCATION. THE JUMPER METER WILL REMAIN IN PLACE UNTIL CLEARANCE IS RECEIVED FROM FDP.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TE-IN TO THE WATER MAIN(S).
15. WATER SERVICE LINES SHALL CONSIST OF A BRONZE SERVICE SADDLE, CORPORATION STOP, TYPE "C" COPPER, AND CURB STOP (CURB STOPS FOR 1.5" AND 2" SHALL BE FLARE X FLANGE).
16. 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.
17. ALL PRIVATE FH SHALL BE PAINTED YELLOW.

LEGEND	
⊙ 19.7	PROP PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
*	INVT EL
CB	CATCH BASIN
YD	YARD DRAIN
BC	BOTTOM OF CURB
BE	BOTTOM EL
TE	TOP OF CURB
TE-C	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
FM	FORCE MAIN
FIM	FIRE MAIN
SAN	WASTEWATER GRAVITY
⊕	FIRE HYDRANT
OV	GATE VALVE
CC	GATE VALVE
CC	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	TOP OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VALVE
CO	CLEANOUT
⊕	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

REVISIONS	
REV	PER SP 01-29-26

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Consulting Engineers

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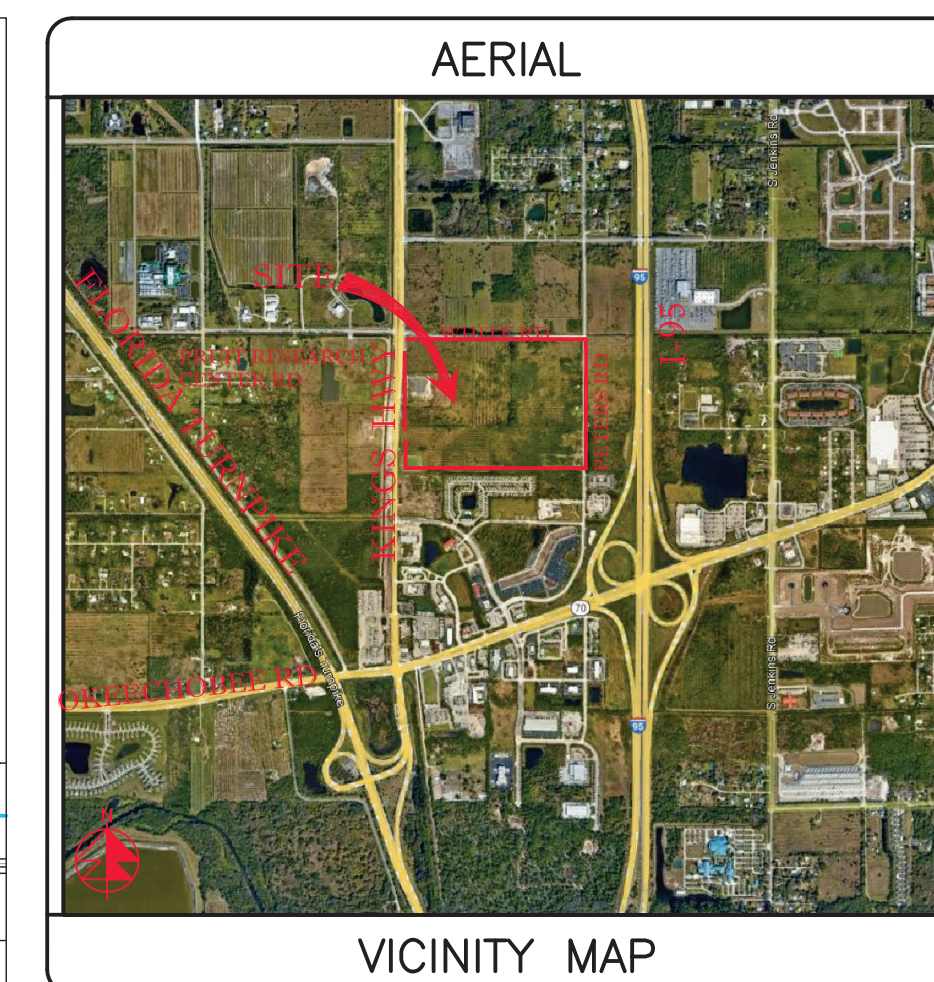
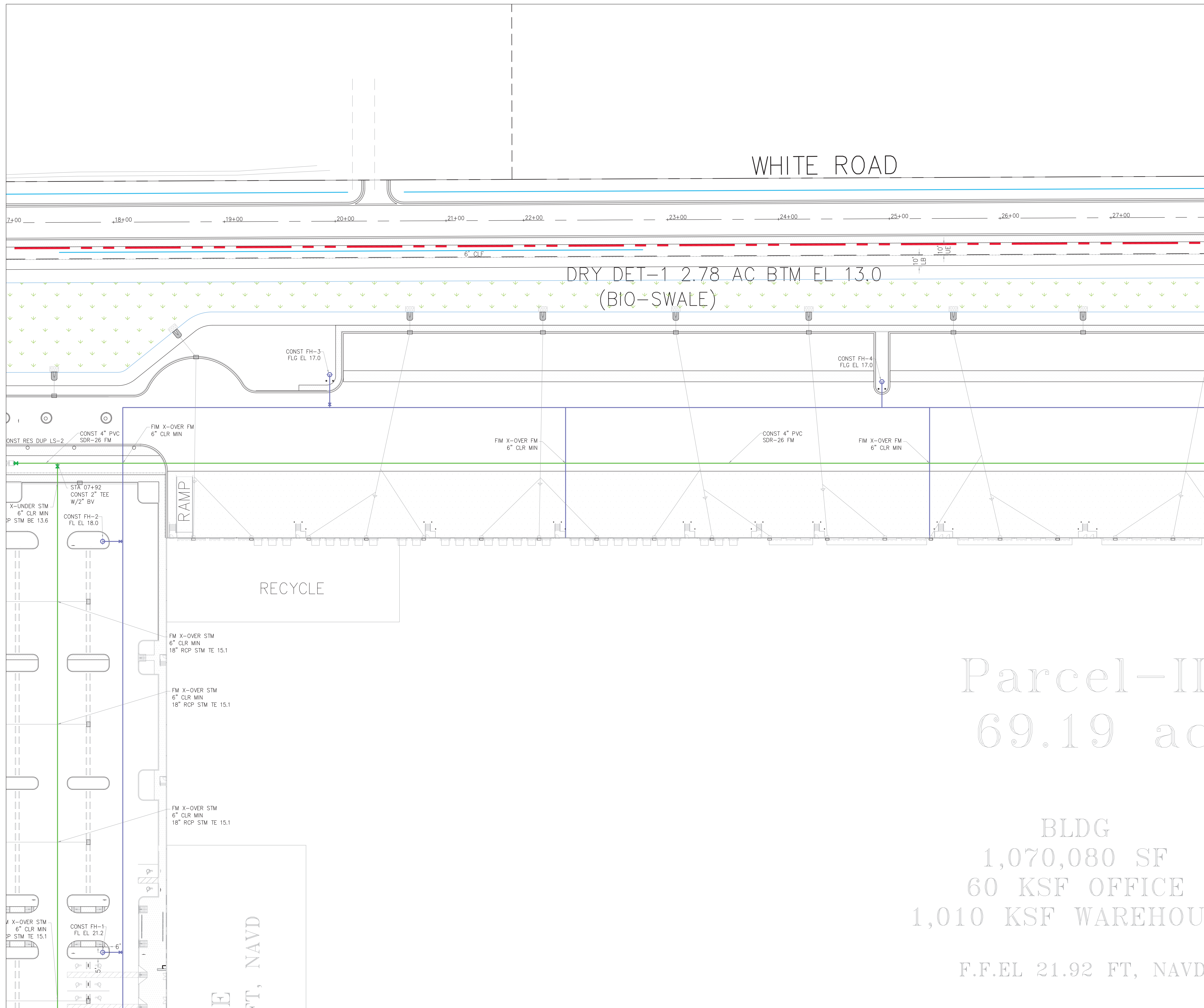
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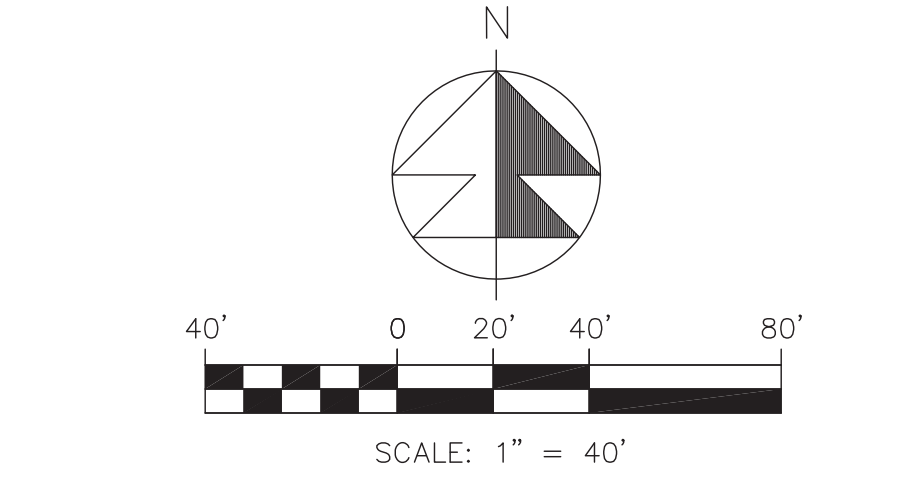
Water & Wastewater Plan	
DATE	12/24/2025
SCALE	1" = 40'
DESIGNED BY	JHI
DRAWN BY	DDI
JOB NO.	2409-1533

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:10:03 -04'00'

COA 6986
SHEET NO. C-21



SECTION 24, TWP 35S, RGE 39E



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 CONNS.
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.
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8. CONTRACTOR SHALL CLEAN & FLUSH THE WATER LINE & PERFORM A ONE HR P&L TEST (150 PS) ON THE WM PER CITY OF FT PIERCE'S UTILITY'S REQ'S.
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14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TIE-IN TO THE WATER MAIN(S).
15. WATER SERVICE LINES SHALL CONSIST OF A BRONZE SERVICE SADDLE CORPORATION STOP, TYPE "X" COPPER, AND CURB STOP (CURB STOPS FOR 1.5" AND 2" SHALL BE FLARE X FLANGE).
16. 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.
17. ALL PRIVATE FH SHALL BE PAINTED YELLOW.

LEGEND

19.7	PROP PAVT EL
EXIST EL	EXIST EL
CONTRACTOR TO FIELD VERIFY	CONTRACTOR TO FIELD VERIFY
* INV EL	INVERT EL
CD	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
GH	FIRE HYDRANT
GV	GATE VALVE
GS	GATE VALVE
SC	SIAMESE CONN.
CV	CHECK VALVE
DD	DOUBLE DETECTOR
CC	CHECK VALVE
W	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
M	MITERED END SECTION
FIN	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
B	BORING NO. AND LOCATION
/AE	APPROVED EQUIVALENT

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REV	PER	SP	01-29-26
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EMAIL: jh@jhinc.com
WEBSITE: www.jhinc.com

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Fort Pierce, Florida

Water & Wastewater Plan

DATE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	JHI	DDI	2409-1533
SCALE	1" = 40'		

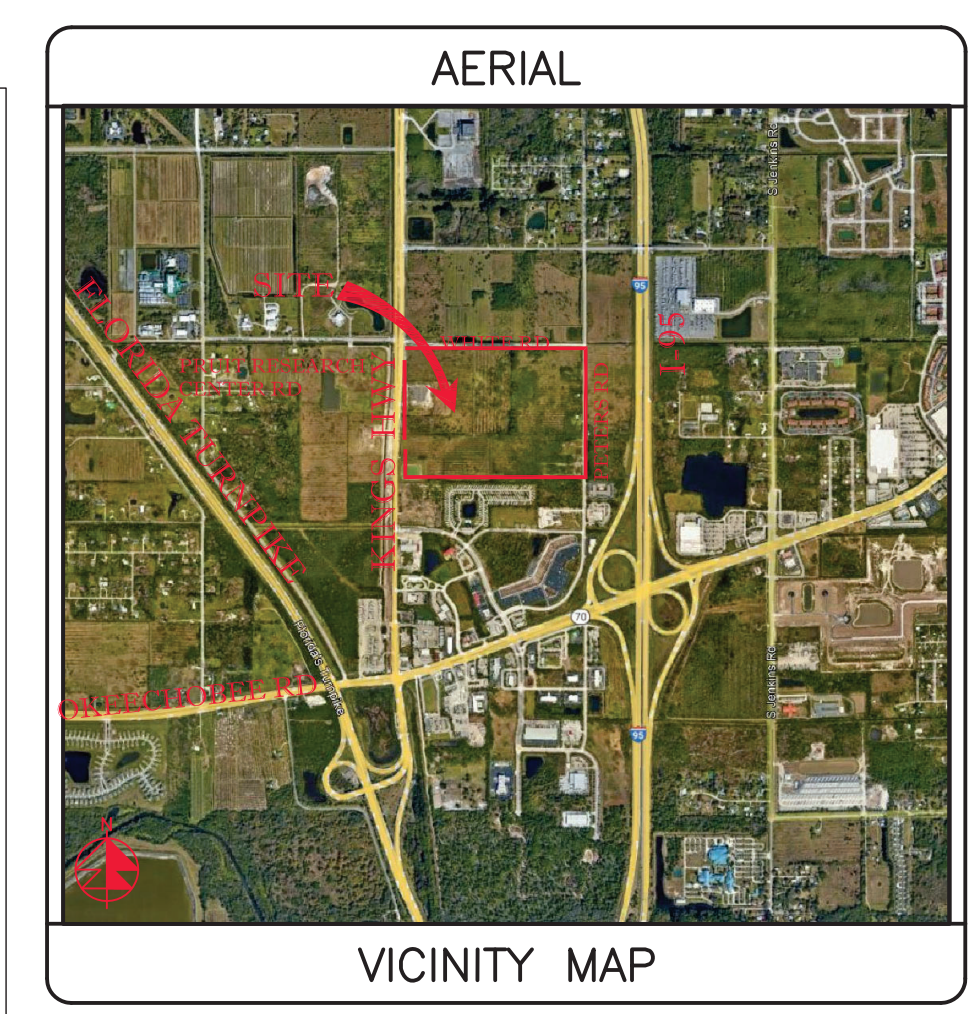
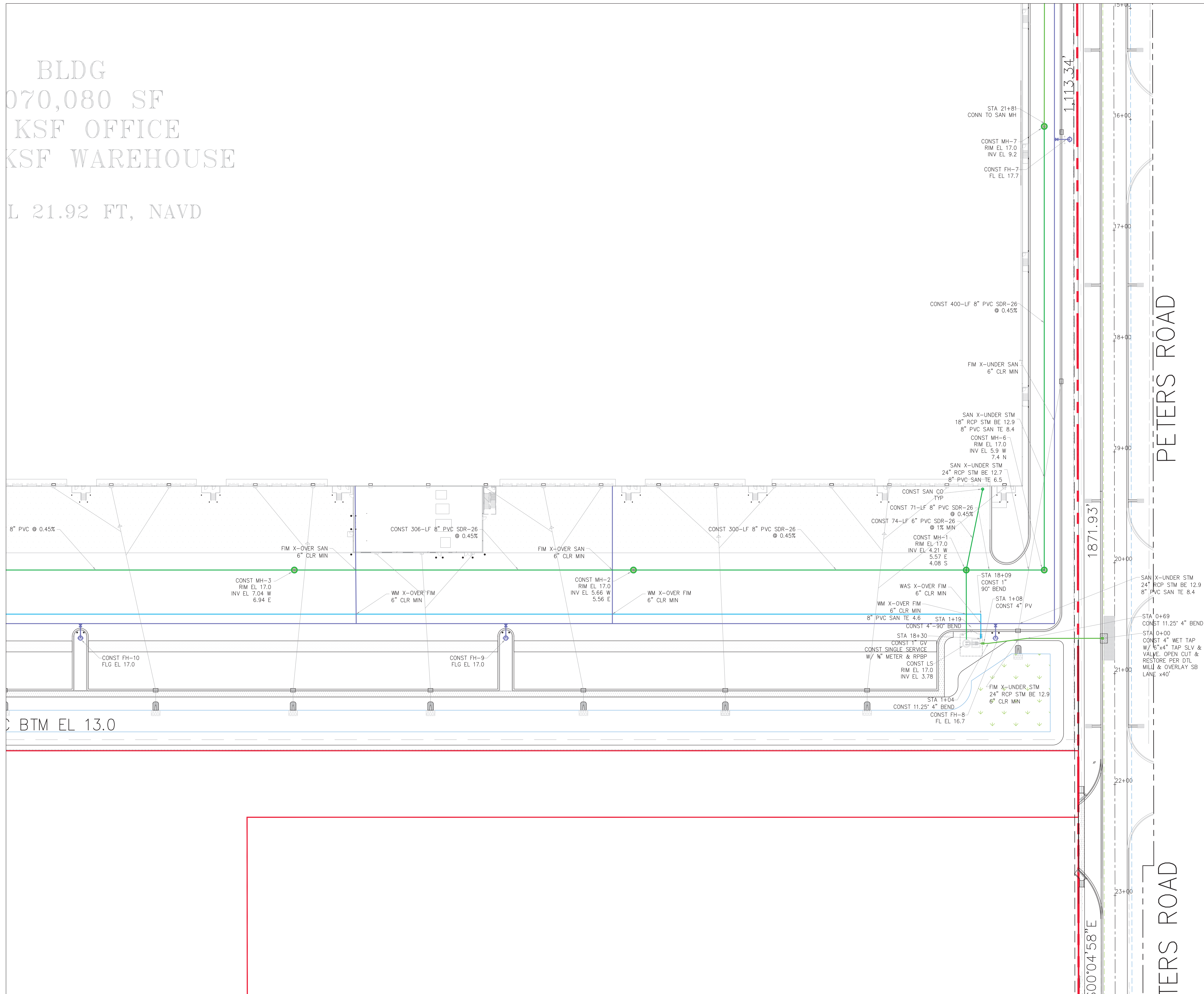
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Jeff H. Iravani
Date: 2026.03.10
14:11:02 -0400

COA 6886
SHEET NO.
C-23

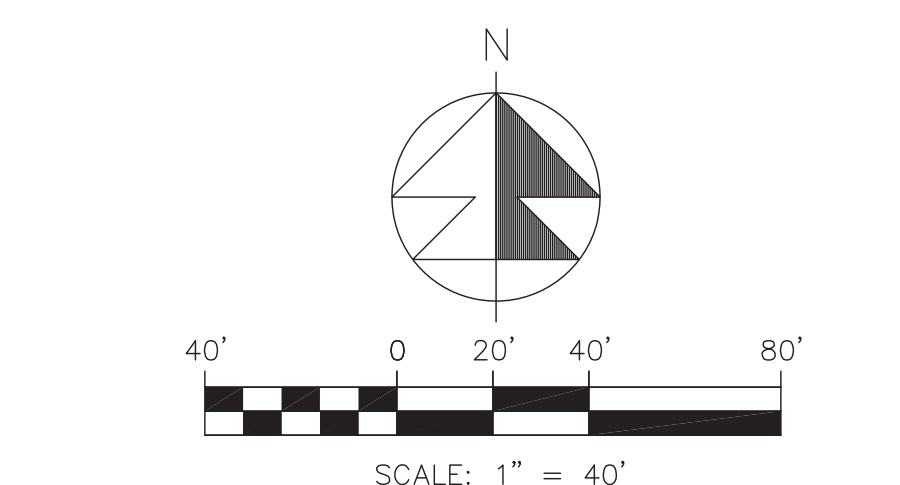
BLDG
070,080 SF
KSF OFFICE
KSF WAREHOUSE

L 21.92 FT, NAVD

SEE SHT C-22



SECTION 24, TWP 35S, RGE 39E



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WM	WATER MAIN
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⊙	SAMPLE POINT
⊙	MITERED END SECTION
⊙	FIN FLOOR ELEV
⊙	FLOW LINE ELEV
⊙	TOP OF BANK
⊙	TOE OF SLOPE
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⊙	TAPPING VAVLE
⊙	CLEANOUT
⊙	BORING NO. AND LOCATION
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REVISIONS			
REV	PER	SP	01-29-26

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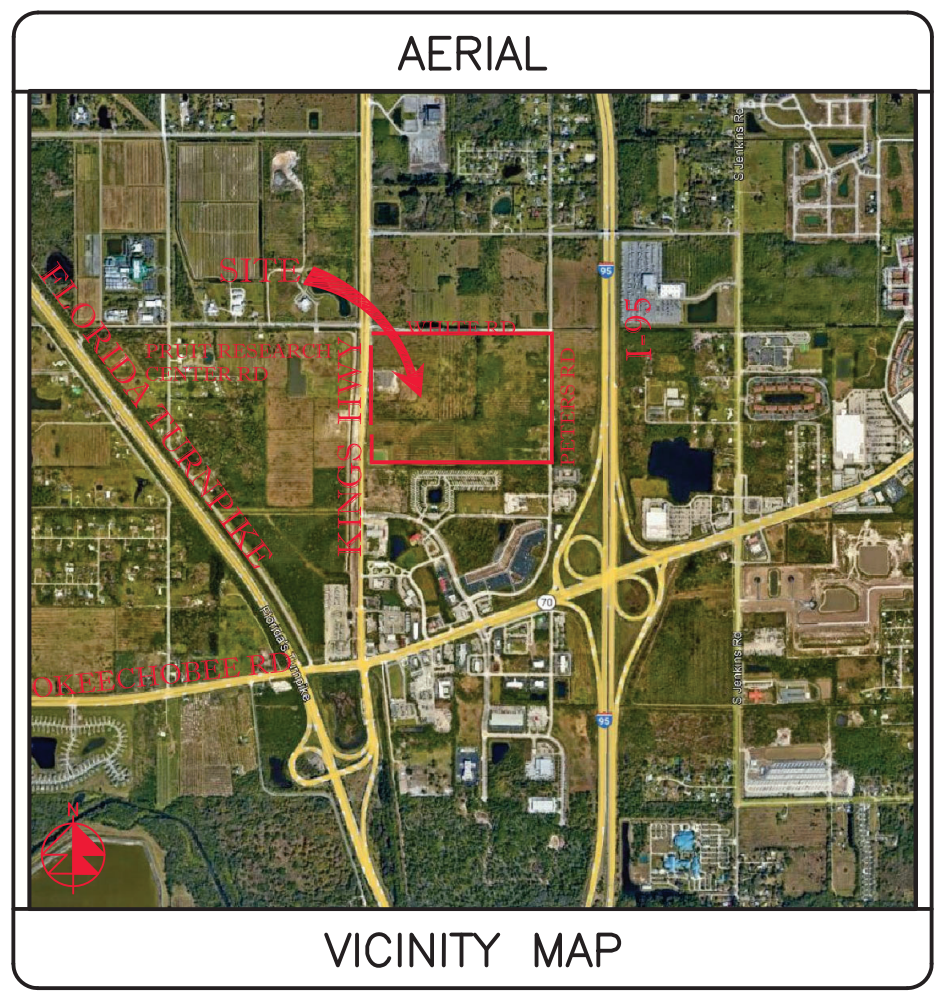
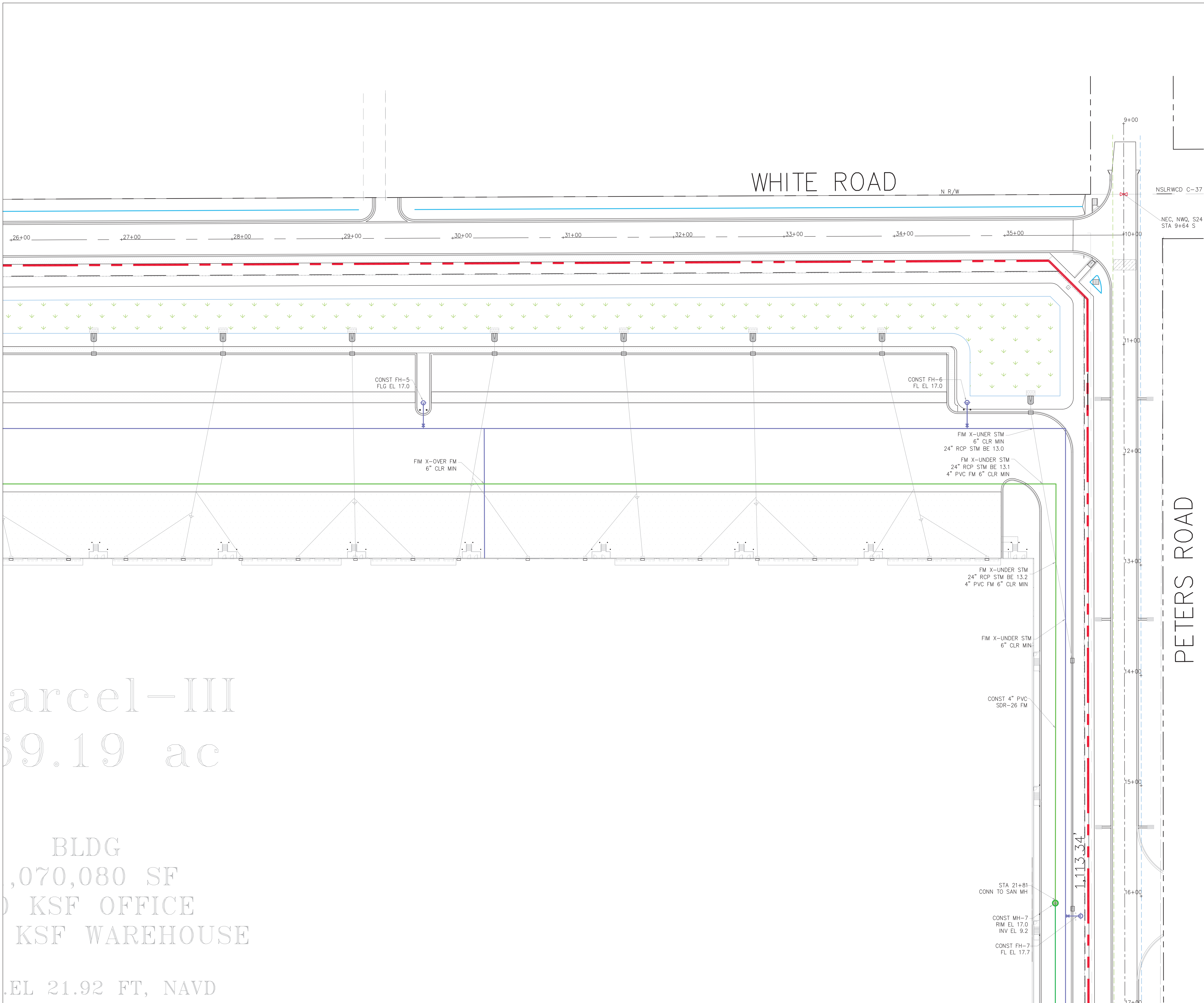
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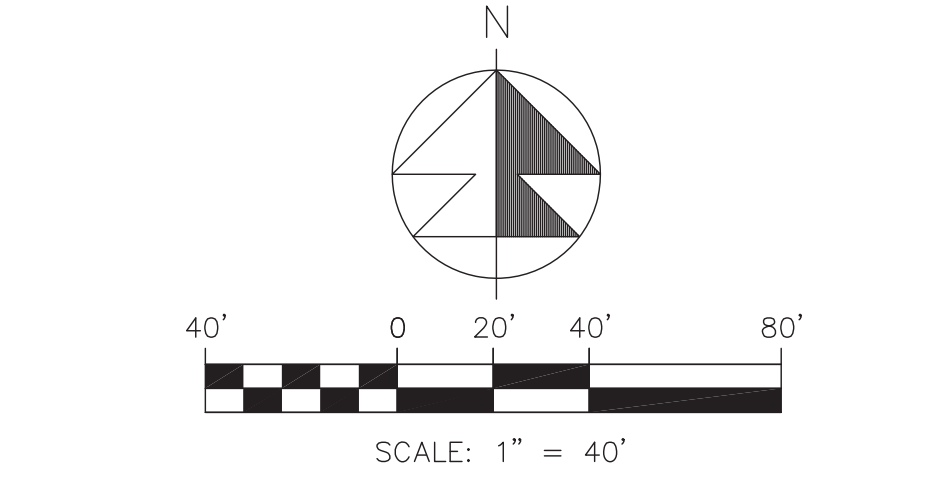
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Water & Wastewater Plan	
DATE	12/24/2025
DESIGNED BY	JHI
DRAWN BY	DDI
JOB NO.	2409-1533
SCALE	1"=40'

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:11:21 -04'00'
COA 6886
SHEET NO. C-24



SECTION 24, TWP 35S, RGE 39E



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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 DET CONNS.
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 62-555.32(21)(b)3, F.A.C., USING BLUE 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 STRIPES 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 AS WELL AS ALONG THE TOP OF THE 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. CONTRACTOR SHALL CLEAN & FLUSH THE WATER LINE & PERFORM A ONE HR P&L TEST (150 PS) ON THE WM PER CITY OF FT PIERCE'S UTILITY'S REQ'S.
9. CONTRACTOR SHALL PROVIDE P&L TEST ON FIM PER CITY OF FT PIERCE'S UTILITY'S REQ'S (200 PS).
10. ALL SEWER INFRASTRUCTURE TO MEET CITY OF FT PIERCE'S LATEST TECHNICAL PROVISIONS AND STANDARD DETAILS.
11. WATER LINE SHALL BE SWABBED.
12. 2" BLOW OF ASSEMBLY SHALL BE CONSTRUCTED OF BRASS AND WILL REMAIN PERMANENT.
13. A JUMPER METER SHALL BE CONSTRUCTED AT THE IN LOCATION. THE JUMPER METER WILL REMAIN IN PLACE UNTIL CLEARANCE IS RECEIVED FROM FDP.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THE TIE-IN TO THE WATER MAIN(S).
15. WATER SERVICE LINES SHALL CONSIST OF A BRONZE SERVICE SADDLE, CORPORATION STOP, TYPE "X" COPPER, AND CURB STOP (CURB STOPS FOR 1.5" AND 2" SHALL BE FLARE X FLANGE).
16. 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.
17. ALL PRIVATE FH SHALL BE PAINTED YELLOW.

LEGEND	
⊙ 19.7	PROP PAVT EL
⊙	EXIST EL
⊙	CONTRACTOR TO FIELD VERIFY
*	INVERT EL
⊙	CATCH BASIN
⊙	YARD DRAIN
⊙	BOTTOM OF CURB
⊙	BOTTOM EL
⊙	TOP OF CURB
⊙	TOP EL
⊙	EXFILTRATION TRENCH
⊙	WATER MAIN
⊙	FORCE MAIN
⊙	FIRE MAIN
⊙	WASTEWATER GRAVITY
⊙	FIRE HYDRANT
⊙	GATE VALVE
⊙	GATE VALVE
⊙	SIAMESE CONN.
⊙	CHECK VALVE
⊙	DOUBLE DETECTOR
⊙	CHECK VALVE
⊙	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
⊙	SAMPLE POINT
⊙	MITERED END SECTION
⊙	FIN FLOOR ELEV
⊙	FLOW LINE ELEV
⊙	TOP OF BANK
⊙	TOE OF SLOPE
⊙	TOP OF CONCRETE
⊙	TAPPING VALVE
⊙	CLEANOUT
⊙	BORING NO. AND LOCATION
⊙	APPROVED EQUIVALENT

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

REVISIONS

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1934 COMMERCE LANE, SUITE 5
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Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	1" = 40'	JHI	DDI	2409-1533

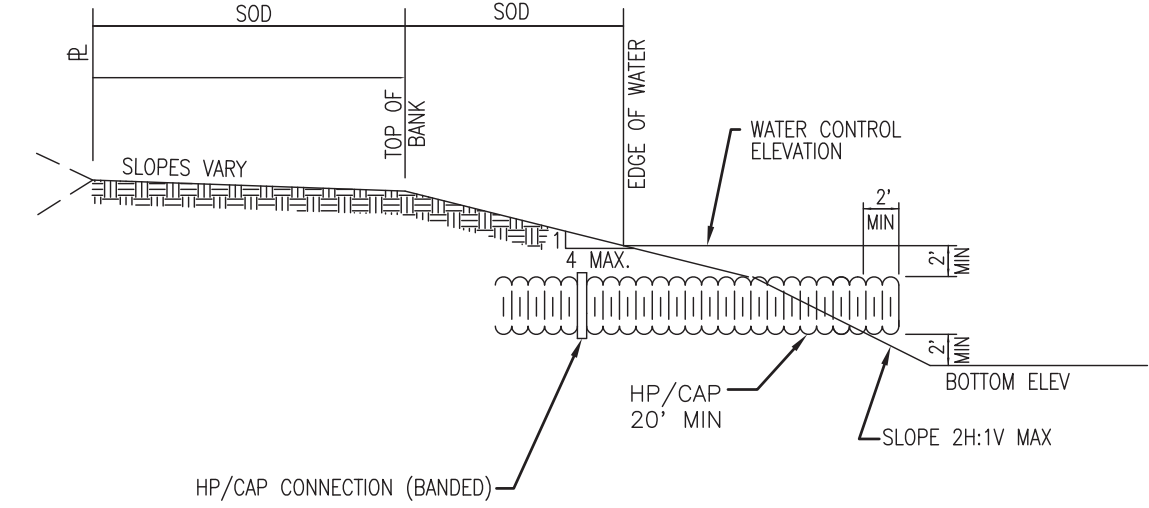
Digitally signed by
Jeff H. Iravani
Date: 2026.03.10
14:11:42
-04'00'
COA 6888
SHEET NO.
C-25

SEE SHT C-23

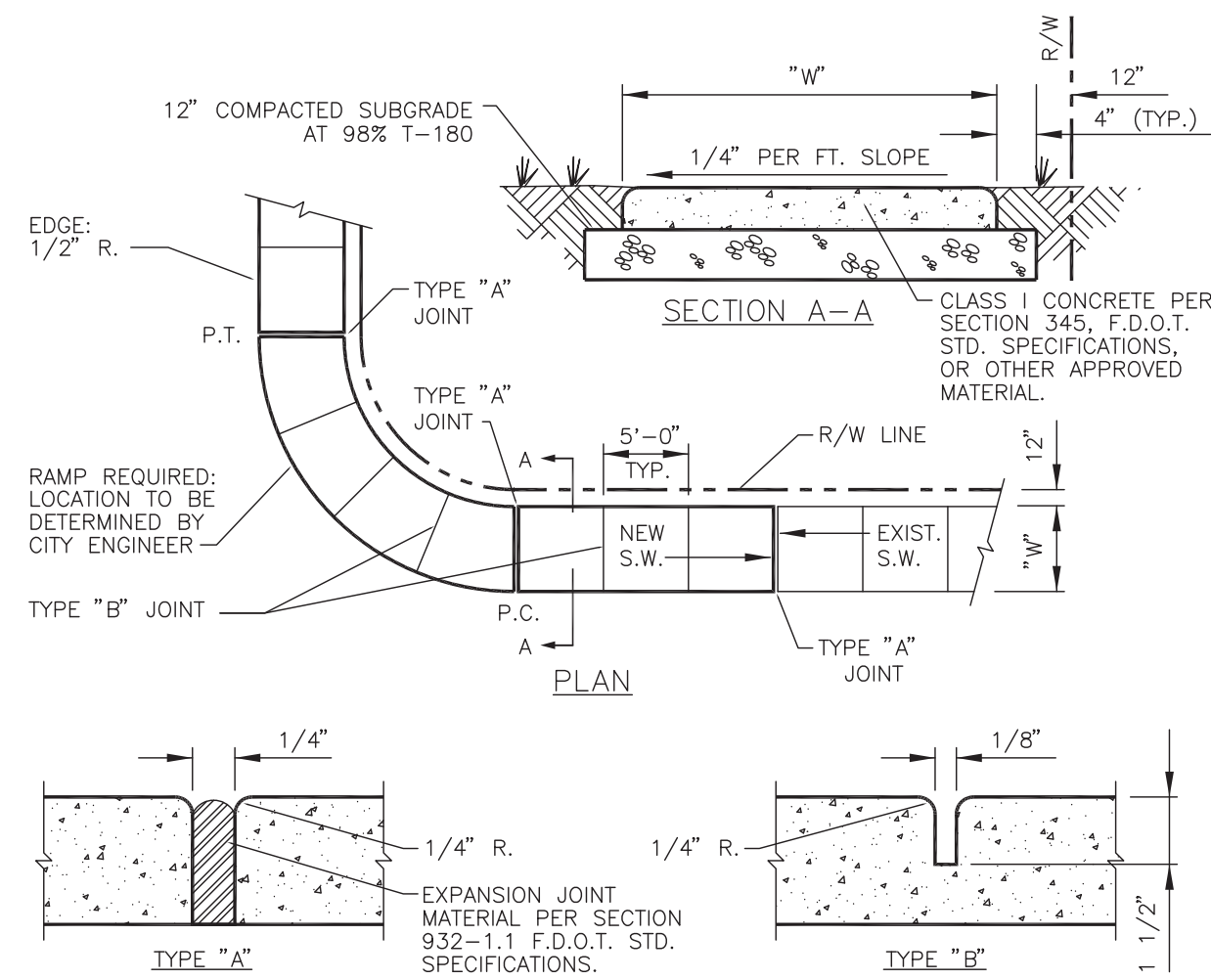
Parcel-III
59.19 ac

BLDG
1,070,080 SF
KSF OFFICE
KSF WAREHOUSE
ELEV 21.92 FT, NAVD

SEE SHT C-24



TYPICAL LAKE BANK AND DRAINAGE OUTFALL



SIDEWALK JOINT

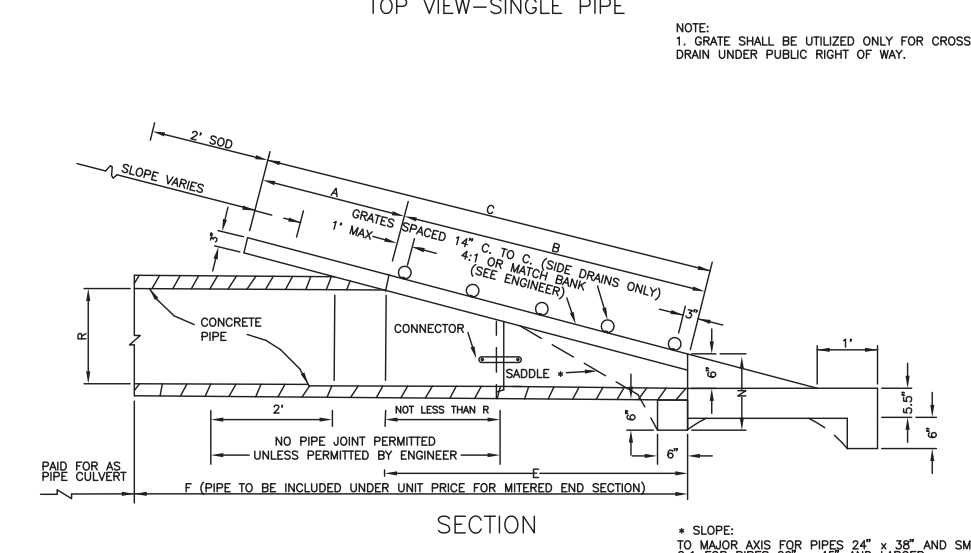
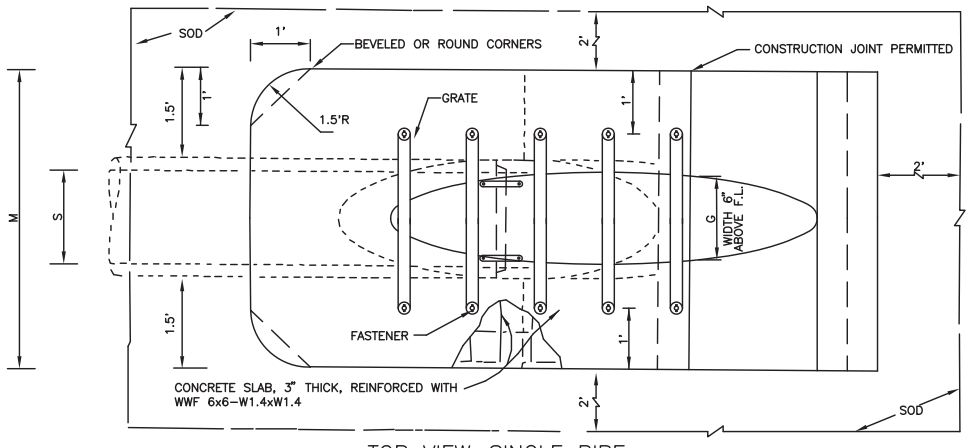
TABLE OF SIDEWALK THICKNESS - "T"	
RESIDENTIAL AREAS	4"
WITHIN 10' OF CROSS-STREETS, AT DRIVEWAYS & OTHER AREAS	6"
TABLE OF SIDEWALK WIDTHS - "W"	
EXCLUDING CURB	5'
INCLUDING 2' VOH	7'

* MINIMUM.

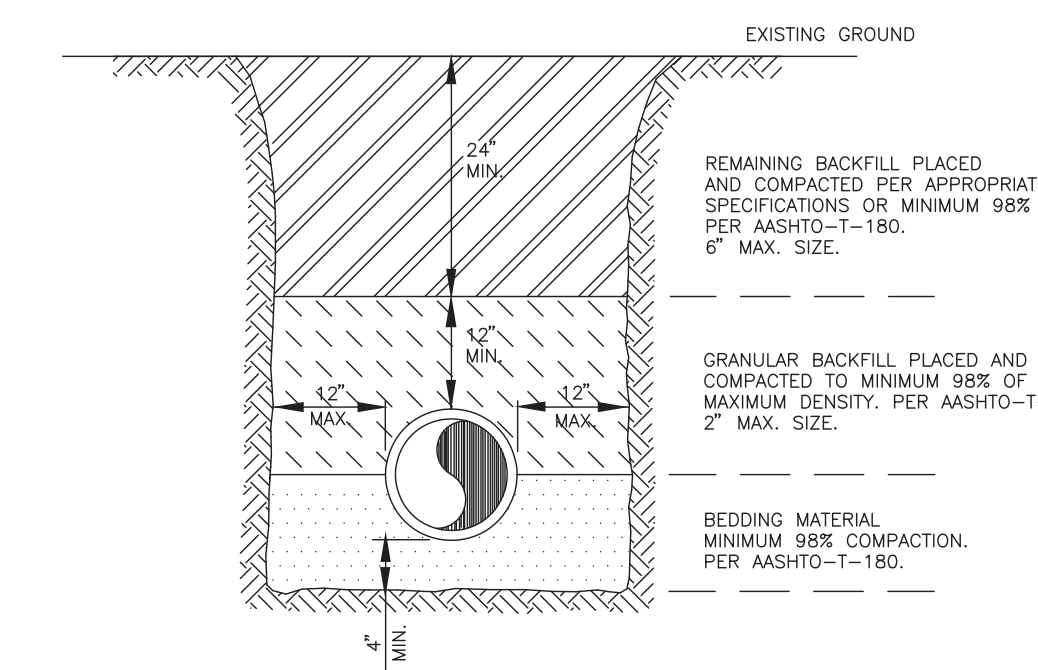
TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30'
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS SCORED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT
"A"	WHERE SIDEWALK ADJUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES

SIDEWALK CONSTRUCTION DETAIL

4 TO 1 SLOPE		M										N	STANDARD WEIGHT PIPE
D	X	A	B	C	E	F	G	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE		
18"	2'-0"	2'-2 1/2"	2'-5 1/2"	2'-8 1/2"	2'-11 1/2"	3'-0"	3'-2 1/2"	3'-5 1/2"	3'-8 1/2"	3'-11 1/2"	4'-0"	11 1/2"	110
24"	2'-0"	2'-2 1/2"	2'-5 1/2"	2'-8 1/2"	2'-11 1/2"	3'-0"	3'-2 1/2"	3'-5 1/2"	3'-8 1/2"	3'-11 1/2"	4'-0"	14 1/2"	140
30"	2'-0"	2'-2 1/2"	2'-5 1/2"	2'-8 1/2"	2'-11 1/2"	3'-0"	3'-2 1/2"	3'-5 1/2"	3'-8 1/2"	3'-11 1/2"	4'-0"	18 1/2"	180

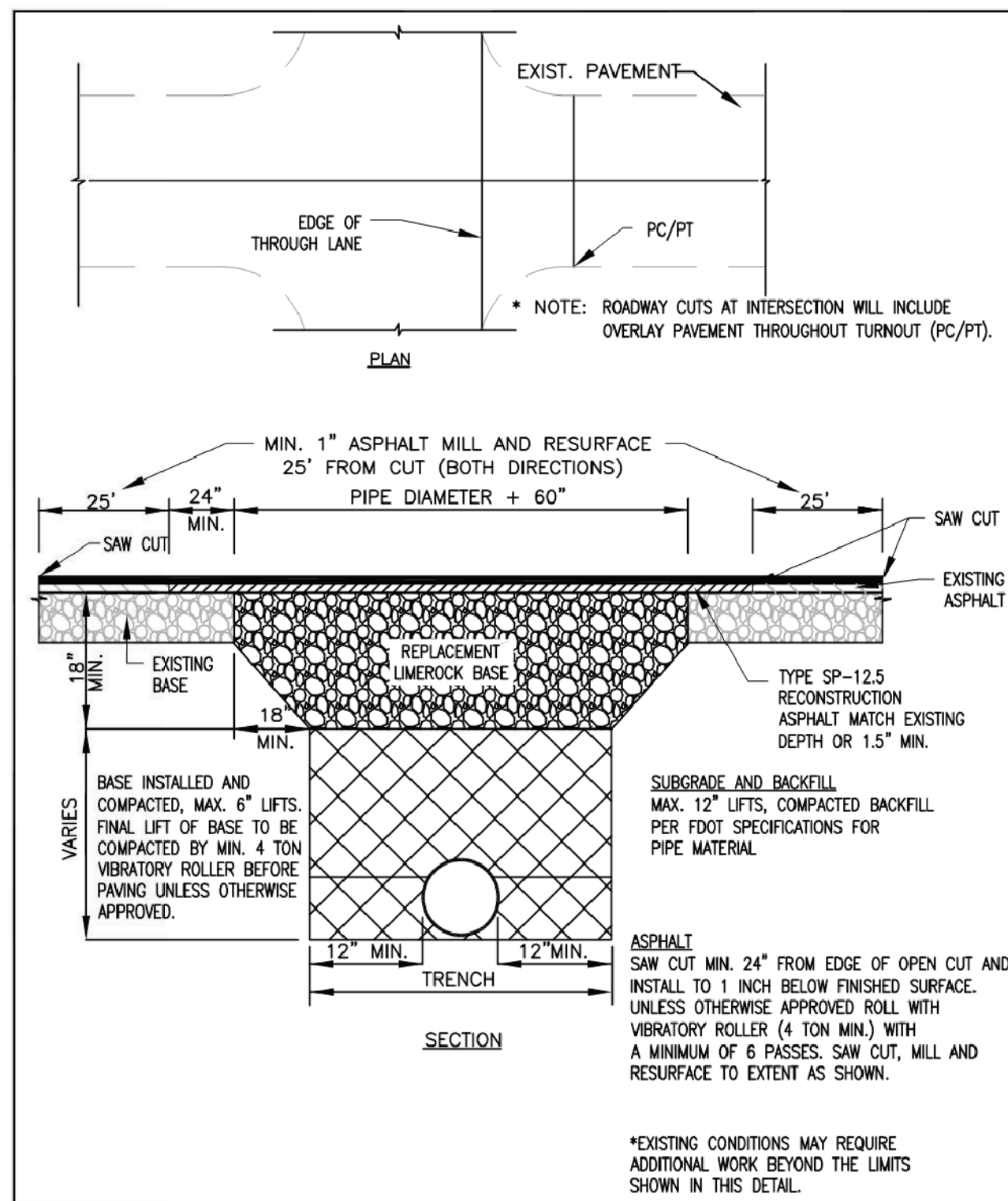


MITERED END DETAIL

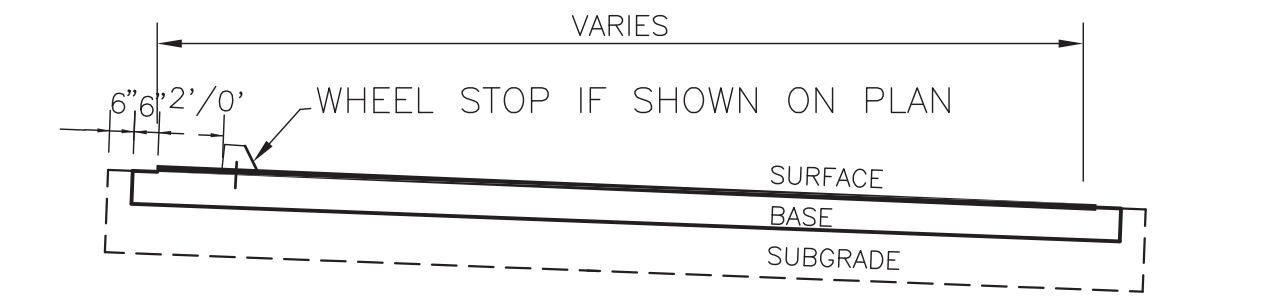


- NOTES:
- BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8"-7/8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
 - THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
 - THE PIPE SHALL BE PLACED IN A DRY TRENCH.
 - BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, AND DEBRIS.
 - 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



LAND DEVELOPMENT DETAILS
TYPICAL OPEN CUT TRENCH & RESTORATION
DATE: 11/22/21

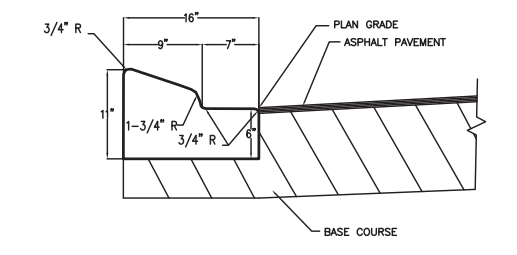


- FLEXIBLE PAVEMENT (STANDARD DUTY/CAR TRAFFIC)**
SURFACE: 3" ACSC (1ST LIFT 1.5" SP-12.5 2ND LIFT 1.5" SP-9.5)
BASE: 8" LIMEROCK/COQUINA ROCK/CRUSHED CONC* MIN LBR 100
SUBGRADE: 12" STABILIZED SUBGRADE, LBR40
- FLEXIBLE PAVEMENT (HEAVY DUTY/TRUCK TRAFFIC)**
SURFACE: 4" S-1/SP 12.5 ACSC (2-2" LIFTS)
BASE: 10" LIMEROCK/COQUINA ROCK/CRUSHED CONC* MIN LBR 100
SUBGRADE: 12" STABILIZED SUBGRADE, LBR40
ALTERNATE TRIALER PARKING
BASE: 14" LIMEROCK/COQUINA ROCK/CRUSHED CONC* MIN LBR 100
SUBGRADE: 12" COMPACTED
- CONC SLAB**
SURFACE: 7" W/2-6X6 W1.4XW1.4 WWM
W/1.75" SAW-CUTS @ 13' MAX O.C. E.W.
SAW CUT SLAB DIM'S PROPORTION SHALL BE 1.25:1MIN
ALL JOINTS SHALL BE IN ACCORD W/ FDOT INDEX 305
BASE: 8" LIMEROCK / COQUINA ROCK COMP MIN LBR 100
SUBGRADE: 12" STABILIZED SUBGRADE, LBR40

COMP: COMPACTED TO 98% MAX D.D. AASHTO T-180
* CRUSHED CONC MIN LBR 150.
ALL BASE SHALL BE FROM FDOT CERTIFIED PIT.
5.5" OF BASE MAY BE SUBSTITUTED FOR 12" STABILIZED SUBGRADE.

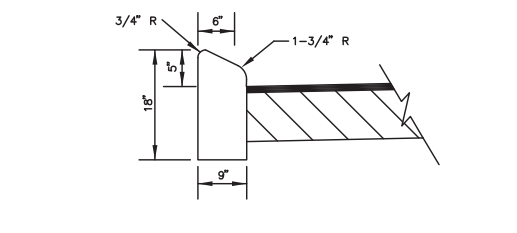
- CONCRETE SPECIFICATIONS**
- ALL CONCRETE SHALL REACH COMP STRENGTH OF 4,000 PSI MIN IN 28 DAYS. MIX DESIGN SHALL INCLUDE MINIMUM CEMENT CONTENT OF 470 LBS OF PORTLAND CEMENT TYPE II PER ASTM C-150 & 120 LB OF FLY ASH /AE PER CY AND ADMIXTURES SHALL CONFORM TO ASTM C-494. WATER/CEMENT=0.5 MAX.
 - SLUMP 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.
 - CONTRACTOR SHALL SUBMIT THE MIX DESIGN TO ENGINEER FOR REVIEW.

PAVEMENT TYP SECTION



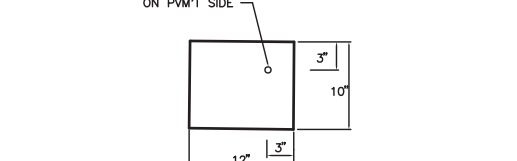
- NOTES:
- SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
 - CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
 - SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

TYPE "A" CURB
NOT TO SCALE



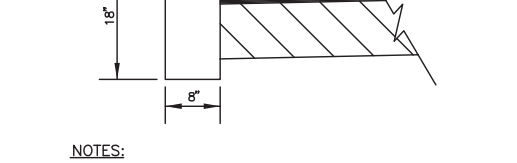
- NOTES:
- SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
 - CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
 - SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

TYPE "B" CURB
NOT TO SCALE



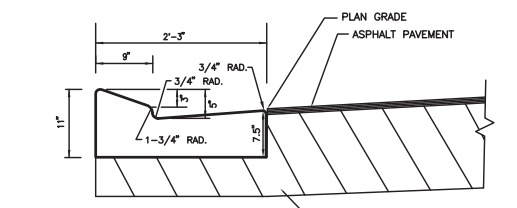
- NOTES:
- SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
 - CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
 - SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

TYPE "C" CURB
NOT TO SCALE



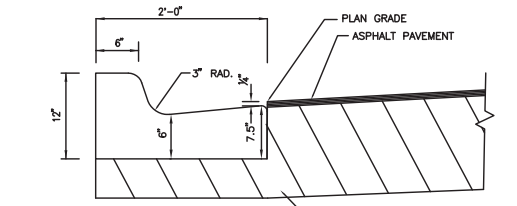
- NOTES:
- SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
 - CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
 - SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

TYPE "D" CURB
NOT TO SCALE



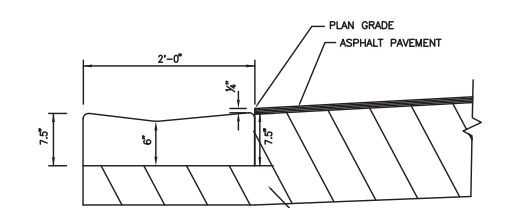
- NOTES:
- INSTALL CURB IN ACCORDANCE WITH F.D.O.T. INDEX NO. 520-001
 - CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.

TYPE "E" CURB
NOT TO SCALE



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

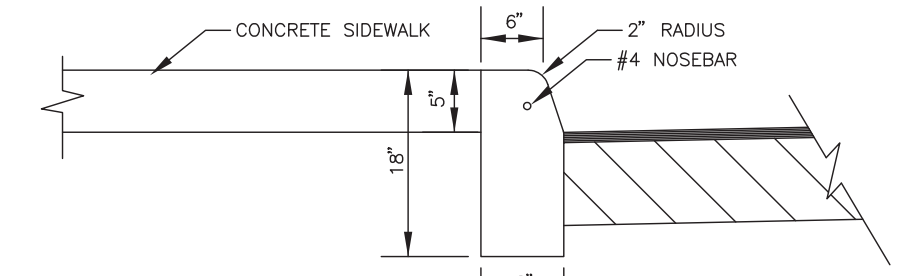
TYPE "F" CURB
NOT TO SCALE



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

DROP CURB
NOT TO SCALE

CURB DETAILS



- NOTES:
- SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
 - CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
 - SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.
 - SIDEWALK TO BE POURED AFTER CURB CONSTRUCTION
 - SEE SIDEWALK DETAIL FOR JOINT PLACEMENT

RAISED SIDEWALK W/ CURB
NOT TO SCALE

SIDEWALK DETAILS

REVISIONS

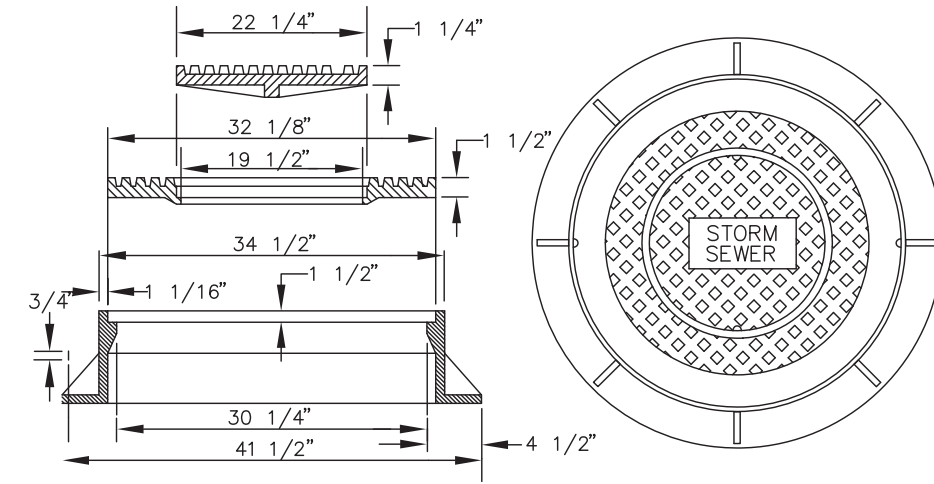
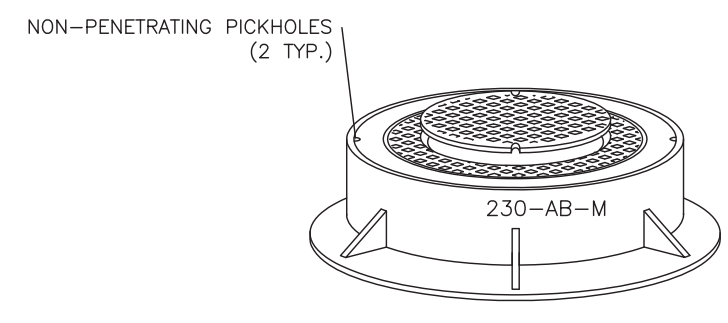
Jeff H. Iravani, Inc.
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TEL: (561) 575-6030
FAX: (561) 575-6088
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WEBSITE: www.jhinc.com

Amazon Distribution Center
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

PAVING, GRADING, & DRAINAGE DETAILS

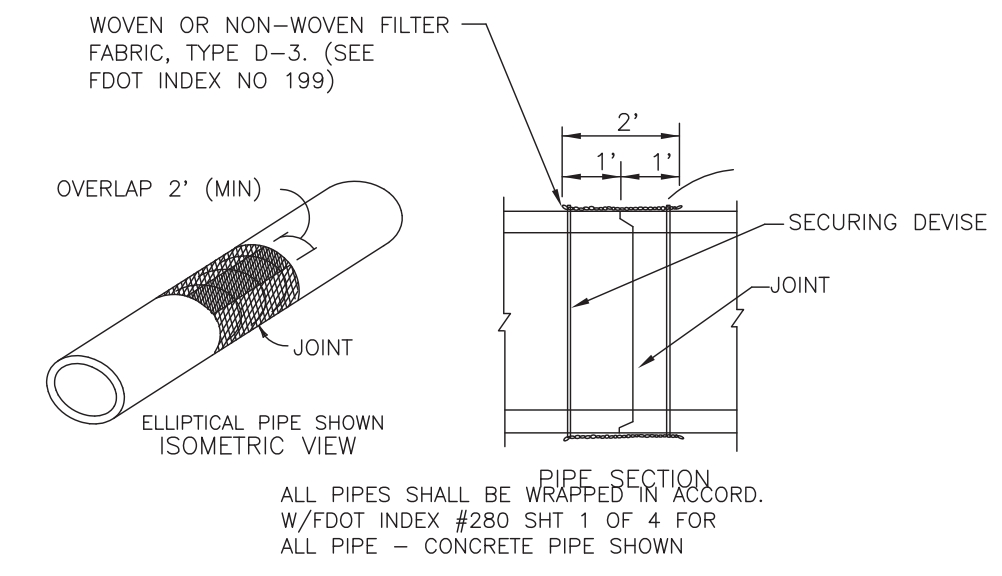
DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	NA	JHI	DDI	2509-1533

Digitally signed by Jeff H. Iravani
Date: 2026.03.10 14:12:41 -0400

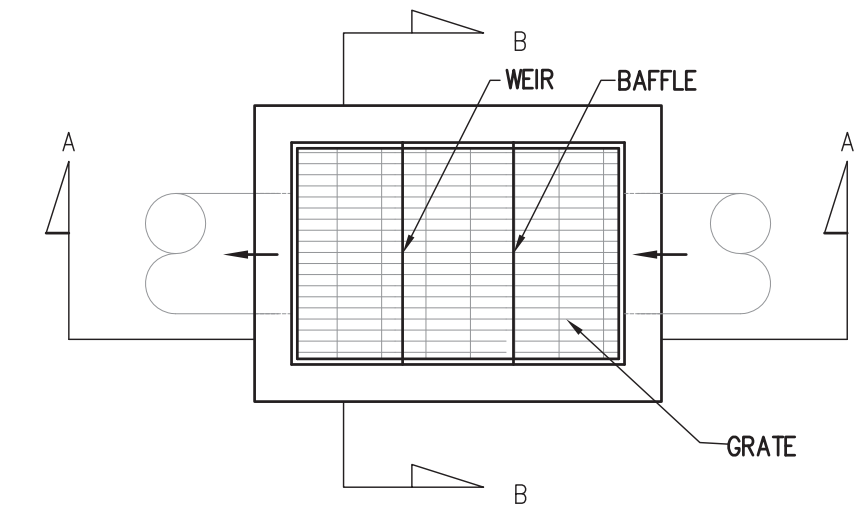
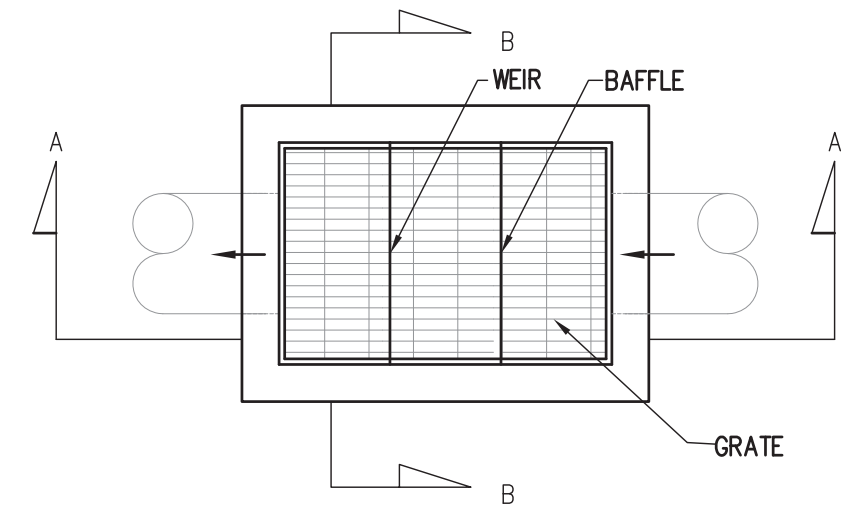


NOTES:
 1. U.S.F. #230-AB-M MANHOLE RING & DOUBLE COVER.
 APPROX. TOTAL WEIGHT 605 POUNDS.
 2. MANHOLE COVER SHALL BE IMPRINTED WITH "STORM SEWER"
 AND WITH NOTE "CONFINED SPACE"
 3. PAVED AREAS - SET FRAMES AT FINISH GRADE, UNPAVED
 AREAS - SET FRAMES AT FINISH GRADE + 0.15'

MANHOLE FRAME AND RING DETAIL

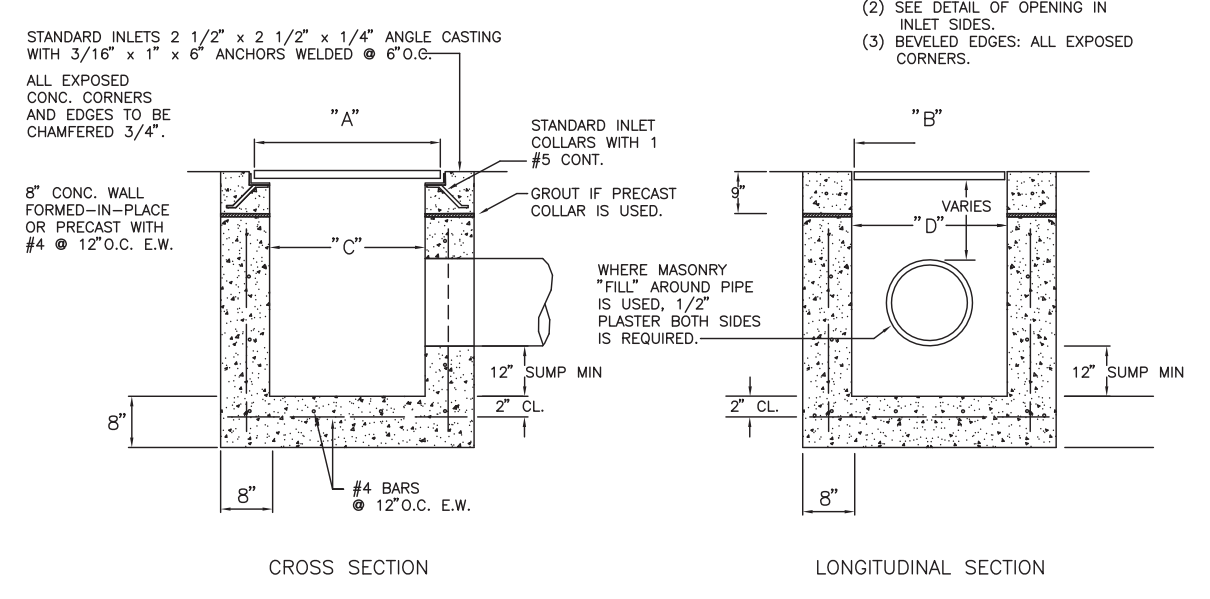


ALL PIPES SHALL BE WRAPPED IN ACCORD.
 W/FDOT INDEX #280 SHT 1 OF 4 FOR
 ALL PIPE - CONCRETE PIPE SHOWN



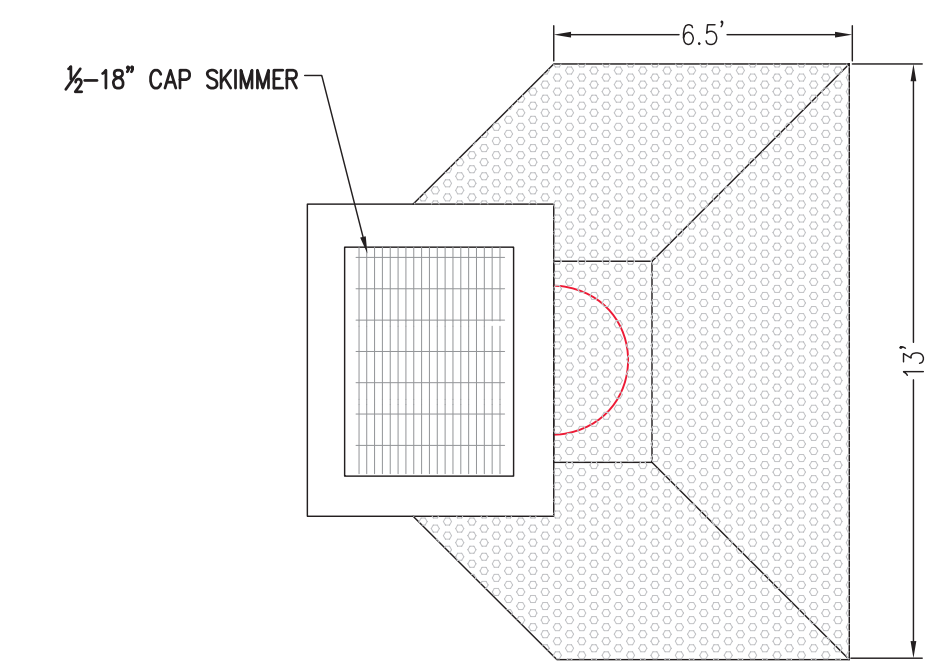
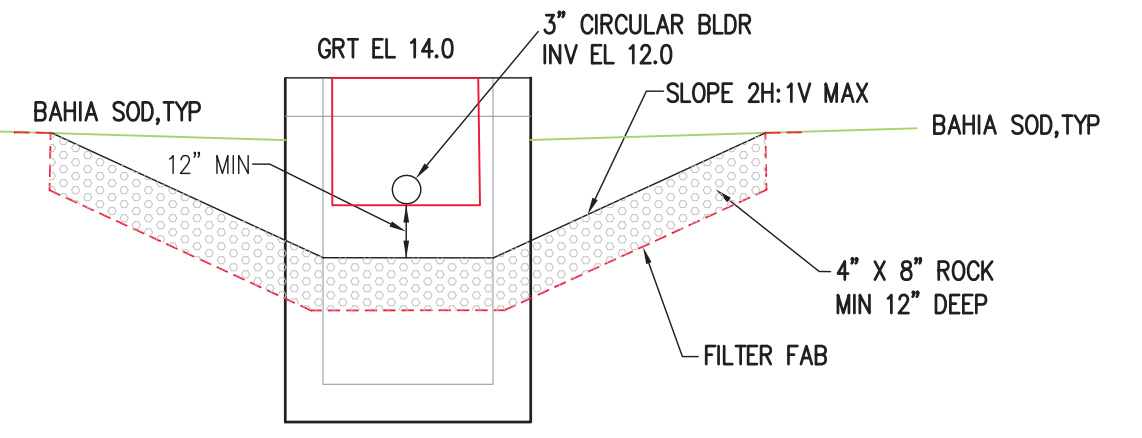
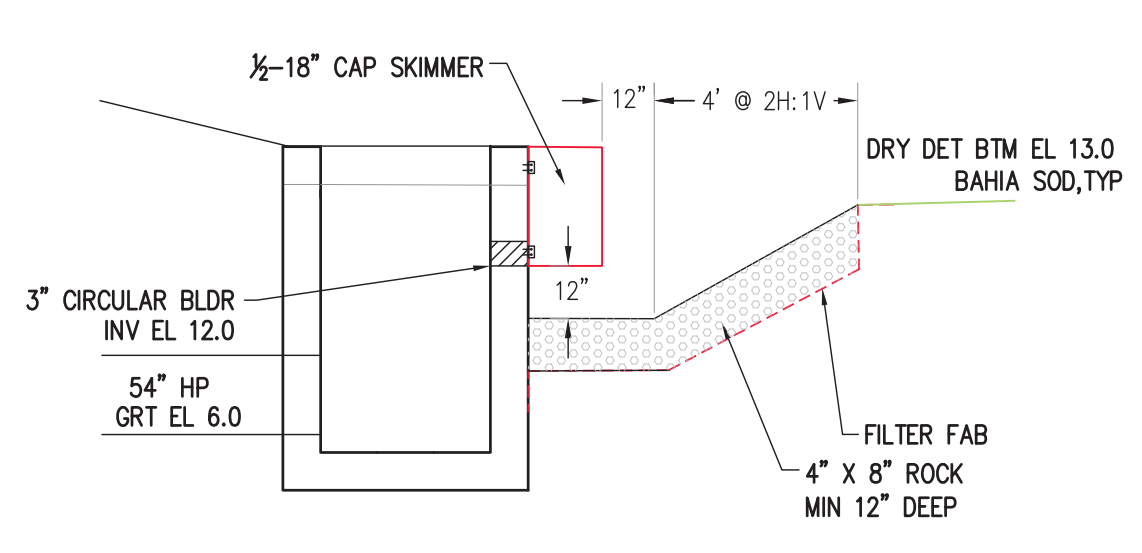
MAX. C.F.S.	TYPE INLET	"A"	"B"	"C"	"D"	GRATE APPROX. WT.
15.00	C	2'-4"	3'-0"	2'-0"	3'-0"	332 LBS.
25.00	D	4'-4"	3'-0"	4'-0"	3'-0"	580 LBS.
35.00	E	3'-4"	4'-0"	3'-0"	2'-0"	385 LBS.
55.00	H	3'-4"	6'-0"	3'-0"	2'-0"	795 LBS.

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

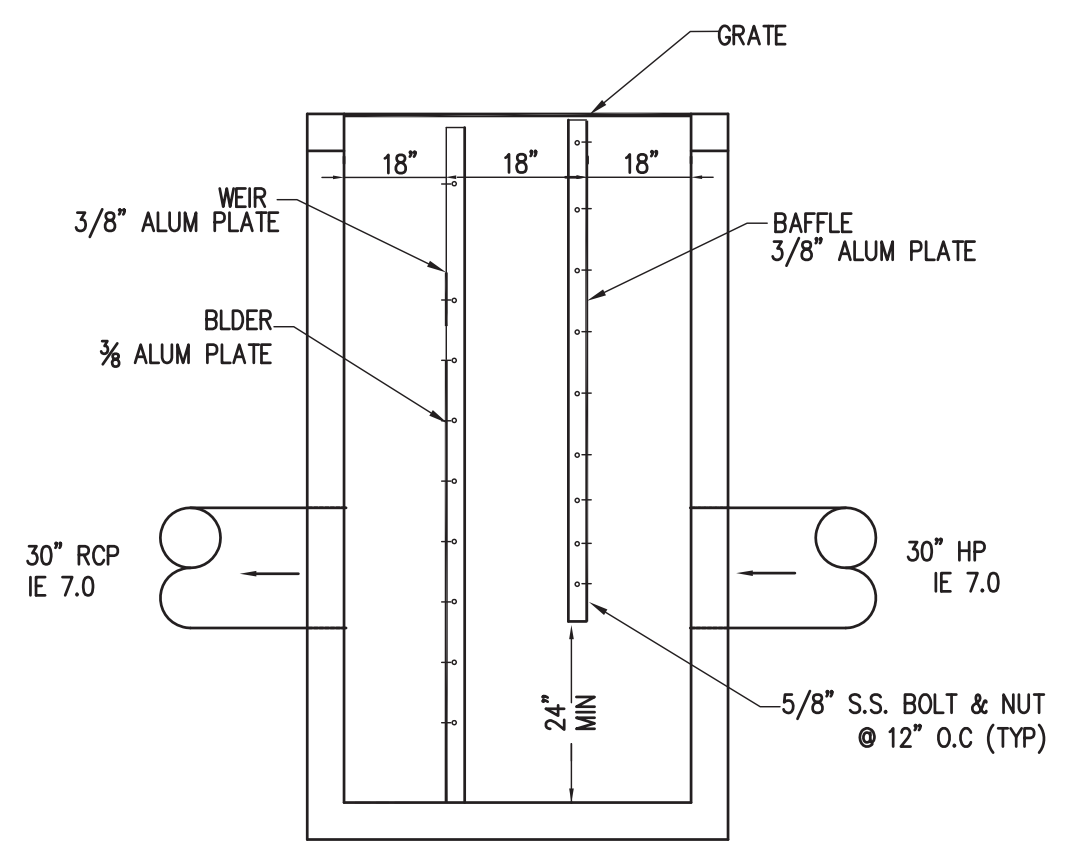


INLET DETAILS
 N.T.S.

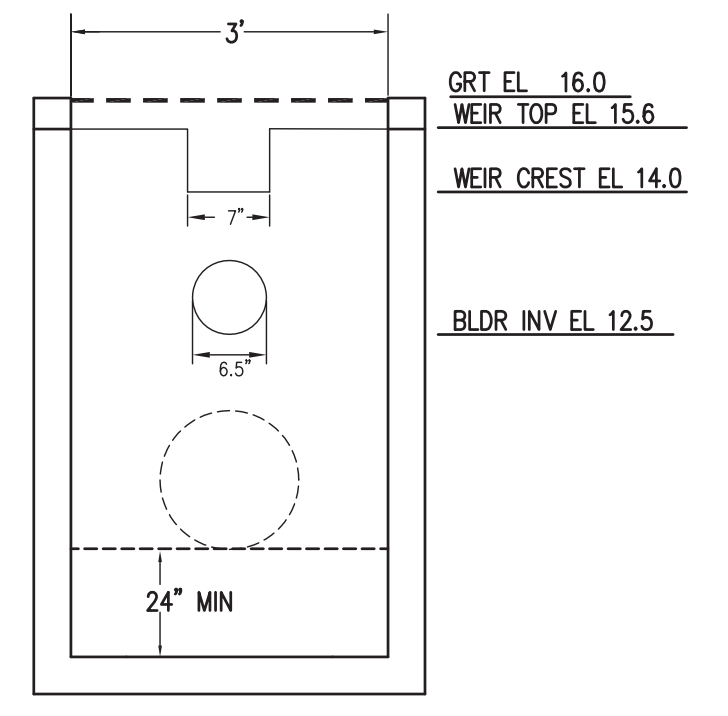
FILTER FABRIC JACKET



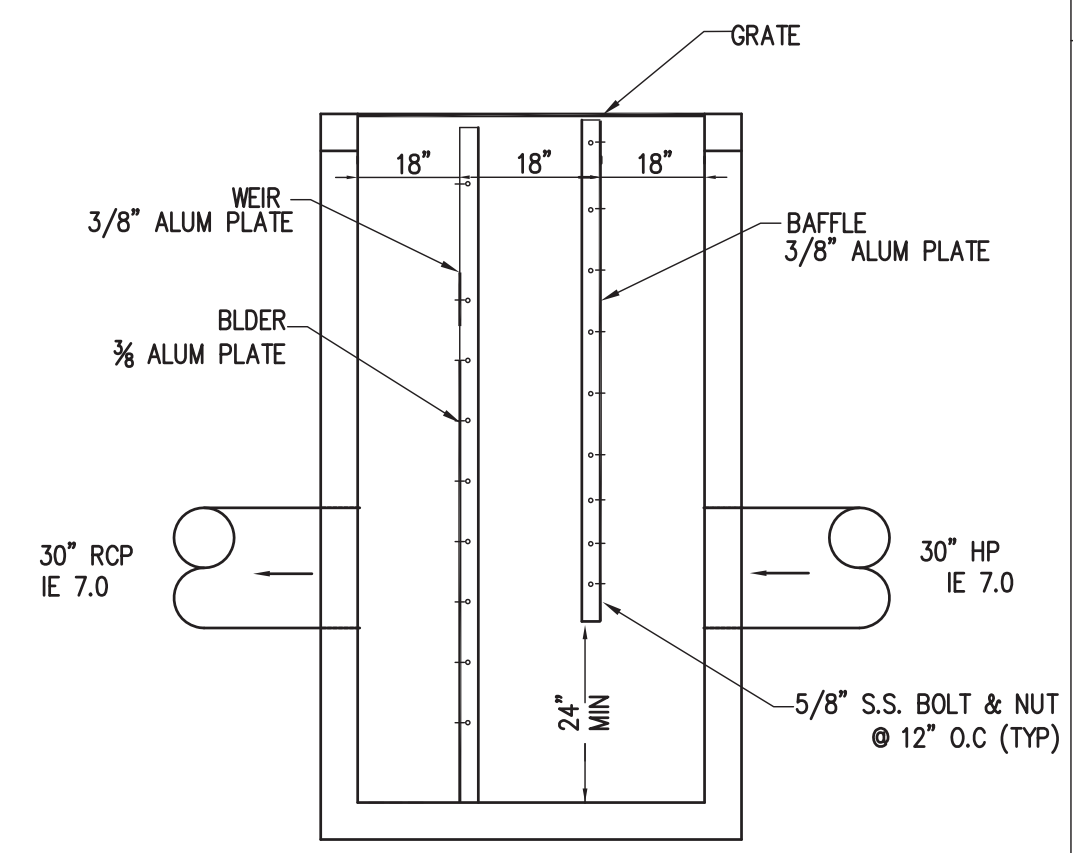
CS-11 & 22 TYPE-H CONTROL STRUCTURE



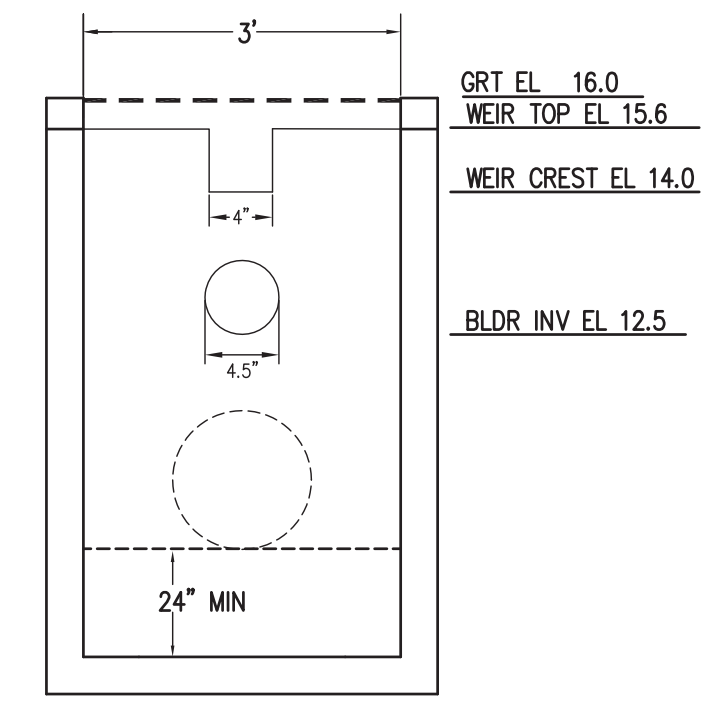
SECTION A-A



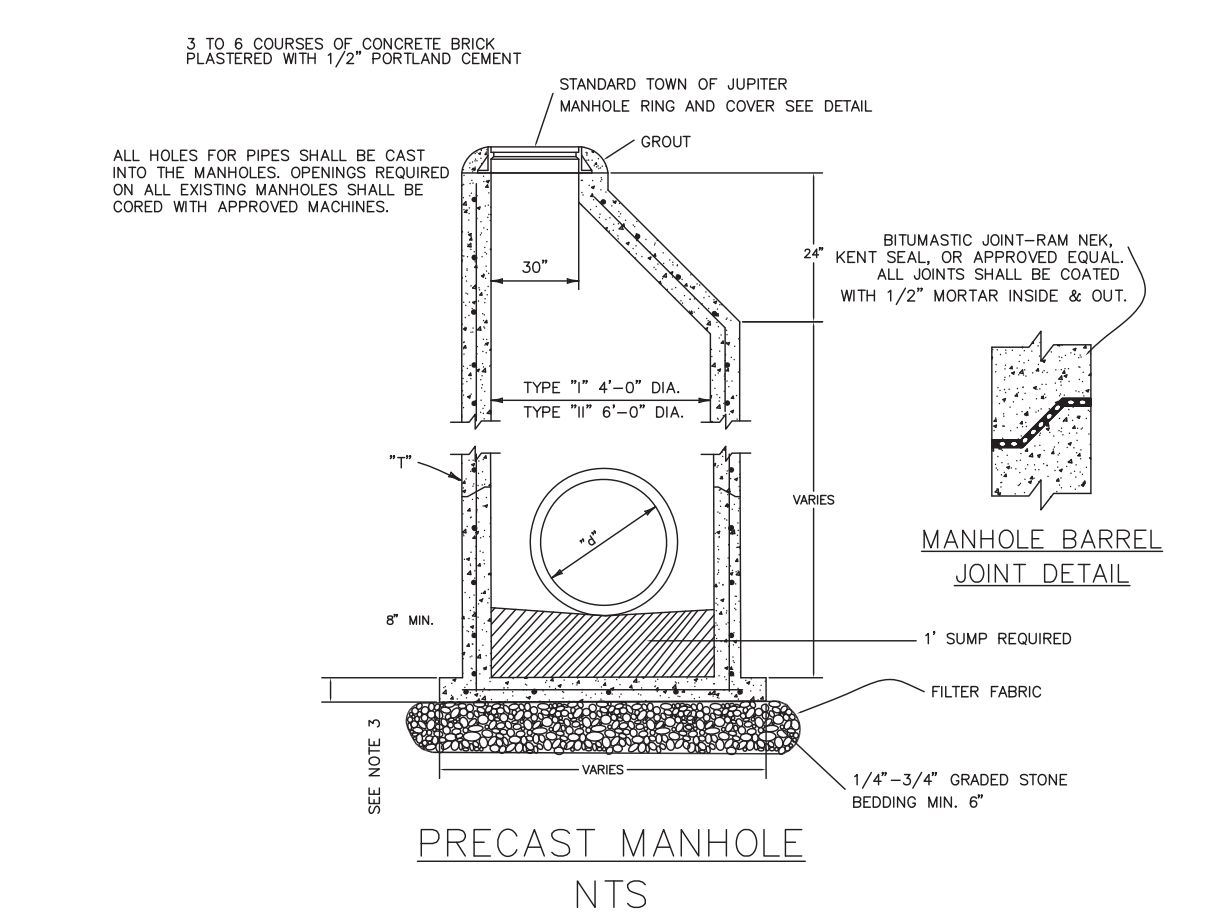
CS-1 TYPE "E" CONTROL STRUCTURE



SECTION A-A



CS-2 TYPE "E" CONTROL STRUCTURE



PRECAST MANHOLE
 N.T.S.

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 6" AND PRECAST WITH BOTTOM SECTION.
 4. ONE CASE #1 @ 12" CTRS. BOTH WAYS IN CENTER 1/3 OF CONCRETE WALL.
 5. COMPLETELY ANGLE BETWEEN PIPES AND 90° WALL WITH CLAY BRICK AND PORTLAND TYPE II CEMENT.
 6. WALL FINISHES.
 7. FOR ADDITIONAL INFORMATION AND CLARIFICATION CONCERNING MANHOLE AND INLET CONSTRUCTION DETAILS AND SPECIFICATIONS, REFER TO FOOT ROADWAY AND TRAFFIC DESIGN STANDARDS (STANDARD INDEX MANUAL) LATEST EDITION.

STORM SEWER PRECAST MANHOLE

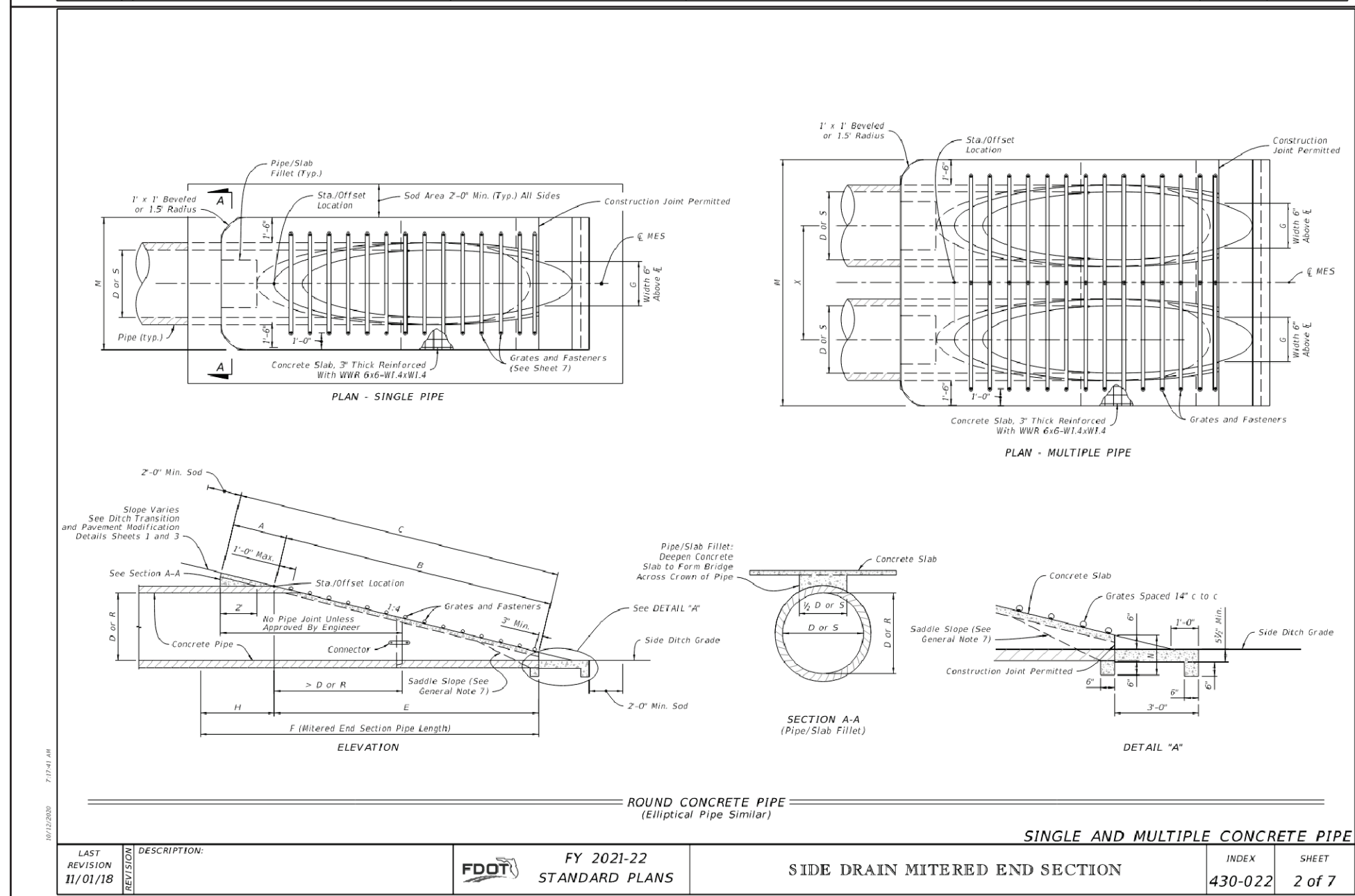
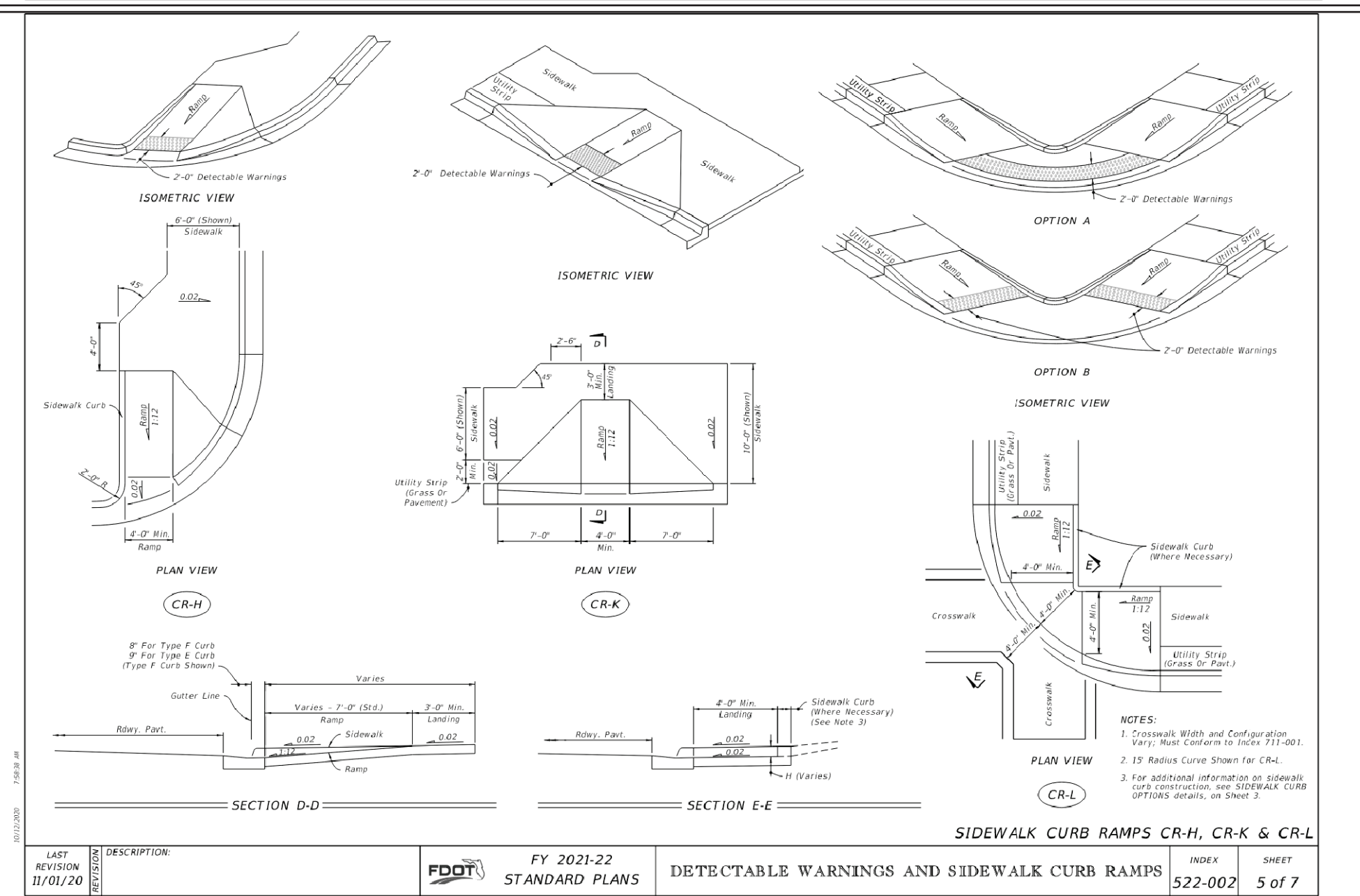
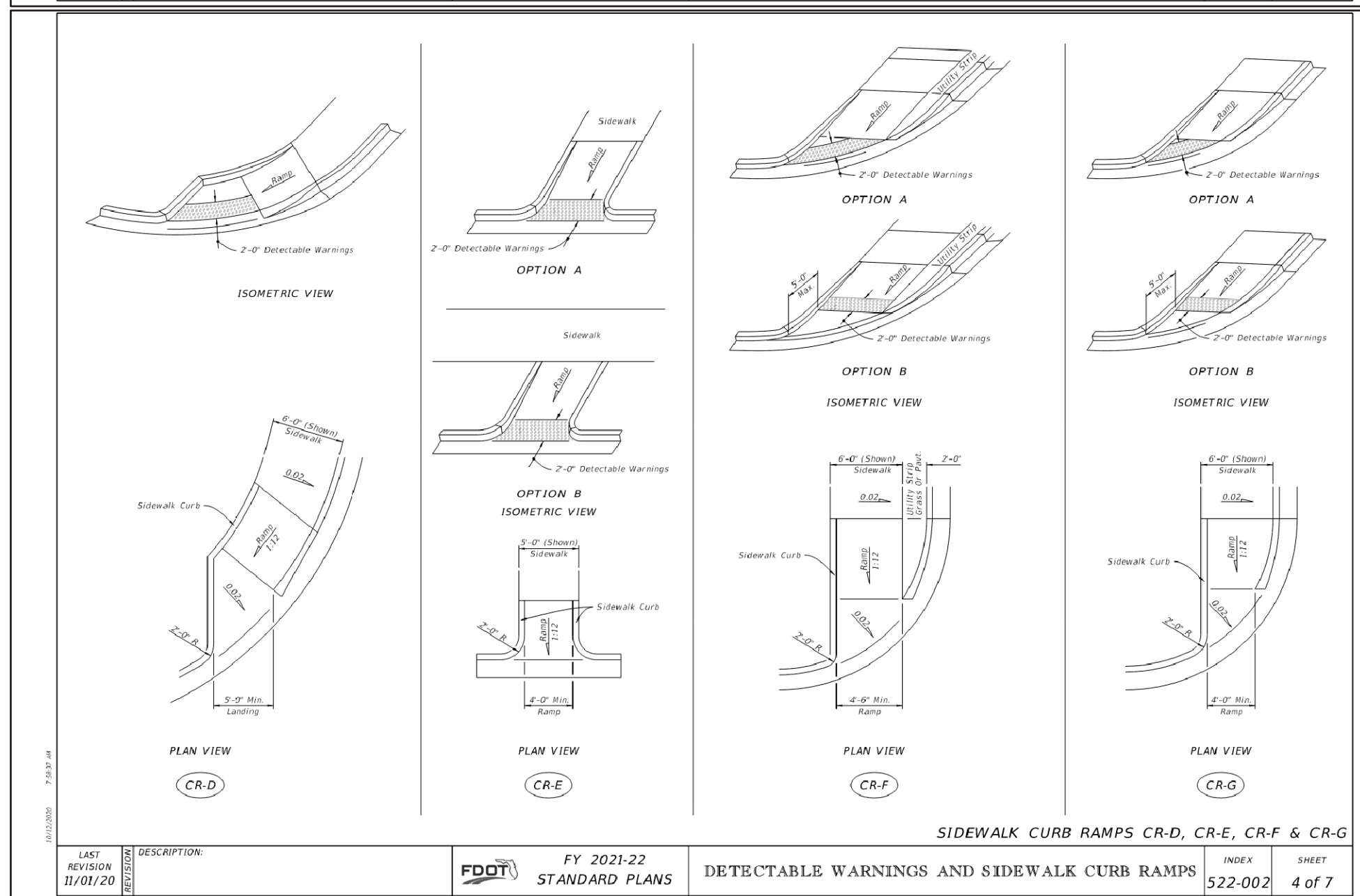
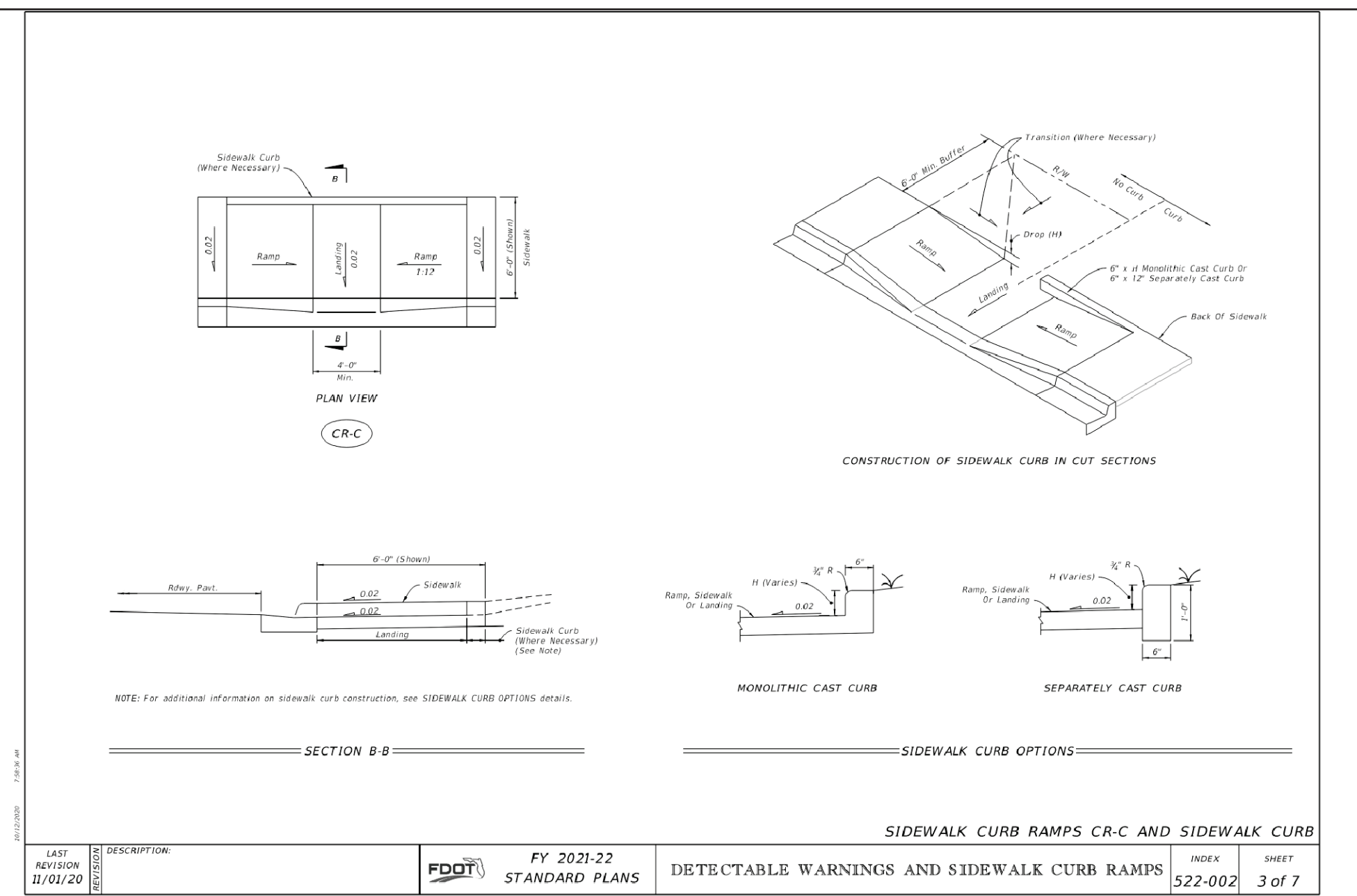
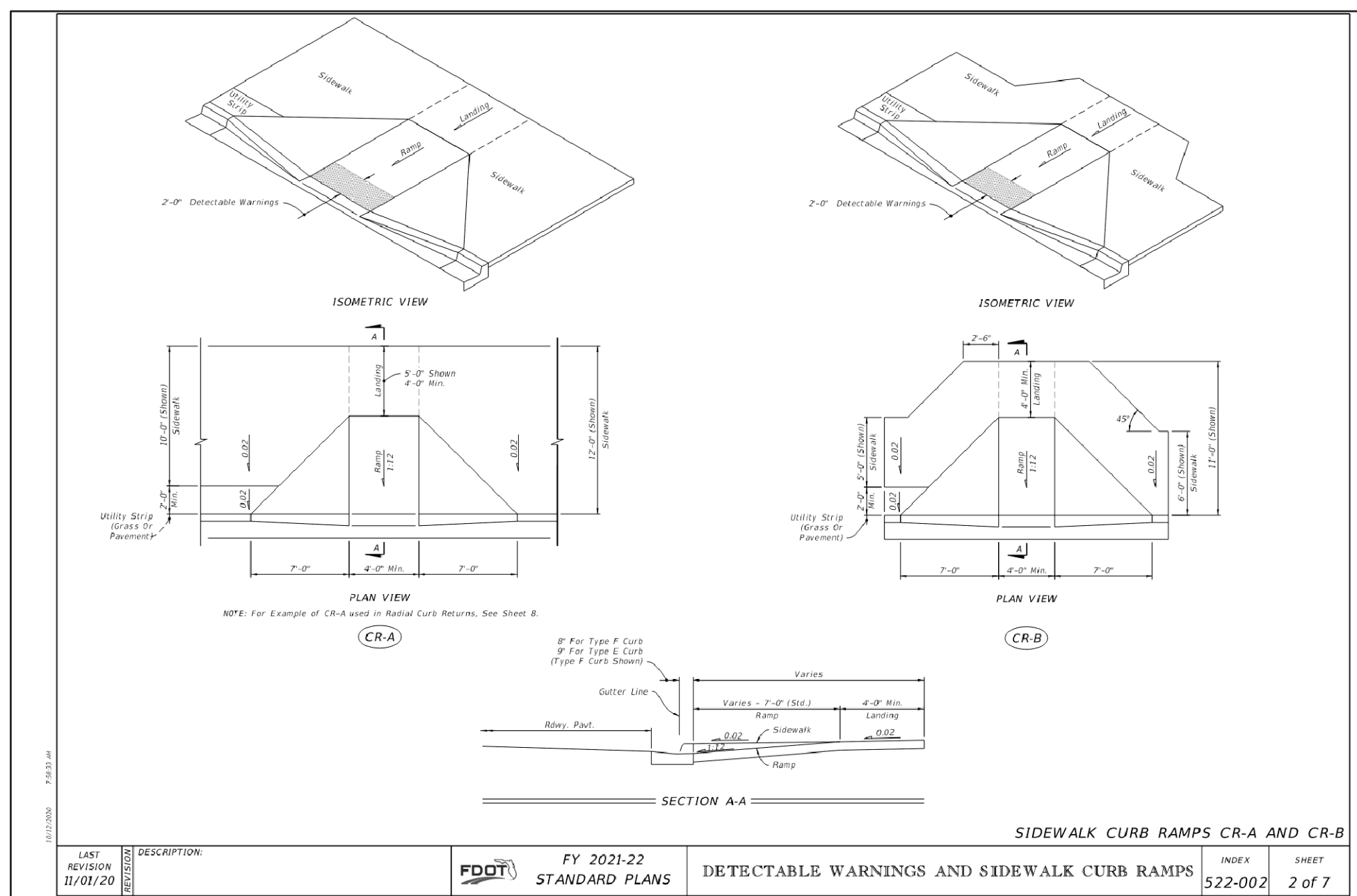
REVISIONS

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PAVING, GRADING, & DRAINAGE DETAILS		JOB NO.
DATE	DESIGNED BY	2509-1533
12/24/2025	JHI	
SCALE	DRAWN BY	
NA	DDI	

Digitally signed by
 Jeff H. Iravani
 Date: 2026.03.10 14:13:07 -0400



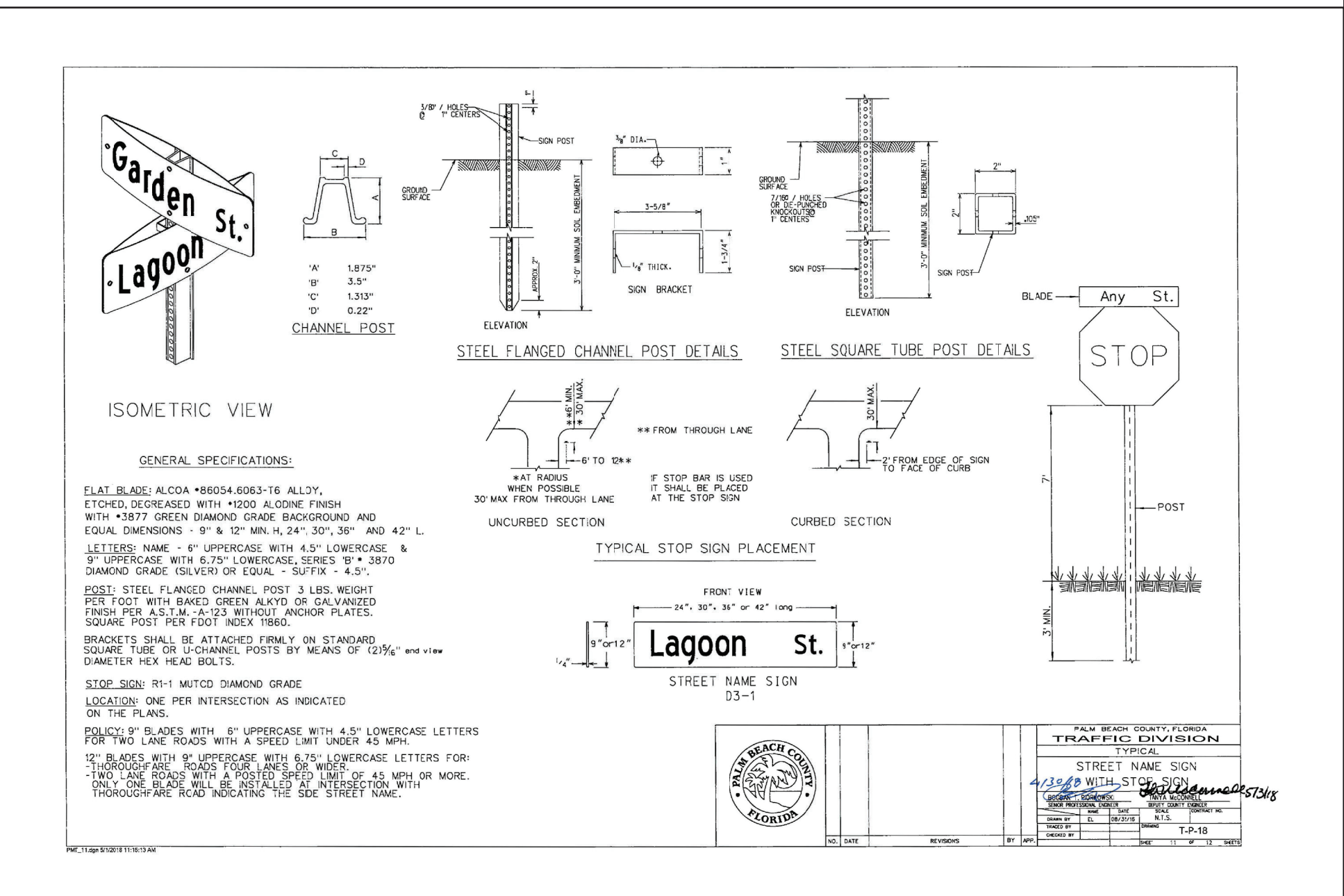
SINGLE AND MULTIPLE CONCRETE PIPE DIMENSIONS AND QUANTITIES

Pipe Size (inches)	Pipe Length (feet)	GRADE SIZES										SOORING (ft)		
		A	B	C	D	E	F	G	H	I	J	1"	2"	
18"	10'	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
24"	10'	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
30"	10'	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
36"	10'	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
42"	10'	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
48"	10'	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
54"	10'	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
60"	10'	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
66"	10'	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40
72"	10'	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80
78"	10'	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
84"	10'	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60
90"	10'	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
96"	10'	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40
102"	10'	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
108"	10'	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20
114"	10'	7.60	7.60	7.60	7.60	7.60	7.60	7.60	7.60	7.60	7.60	7.60	7.60	7.60
120"	10'	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00

PERMISSIBLE PAVEMENT MODIFICATION

CONCRETE PIPE DIMENSIONS AND QUANTITIES AND PERMISSIBLE PAVEMENT MODIFICATION

LAST REVISION: 11/01/18
DESCRIPTION: FY 2021-22 STANDARD PLANS
INDEX: 430-022
SHEET: 3 of 7



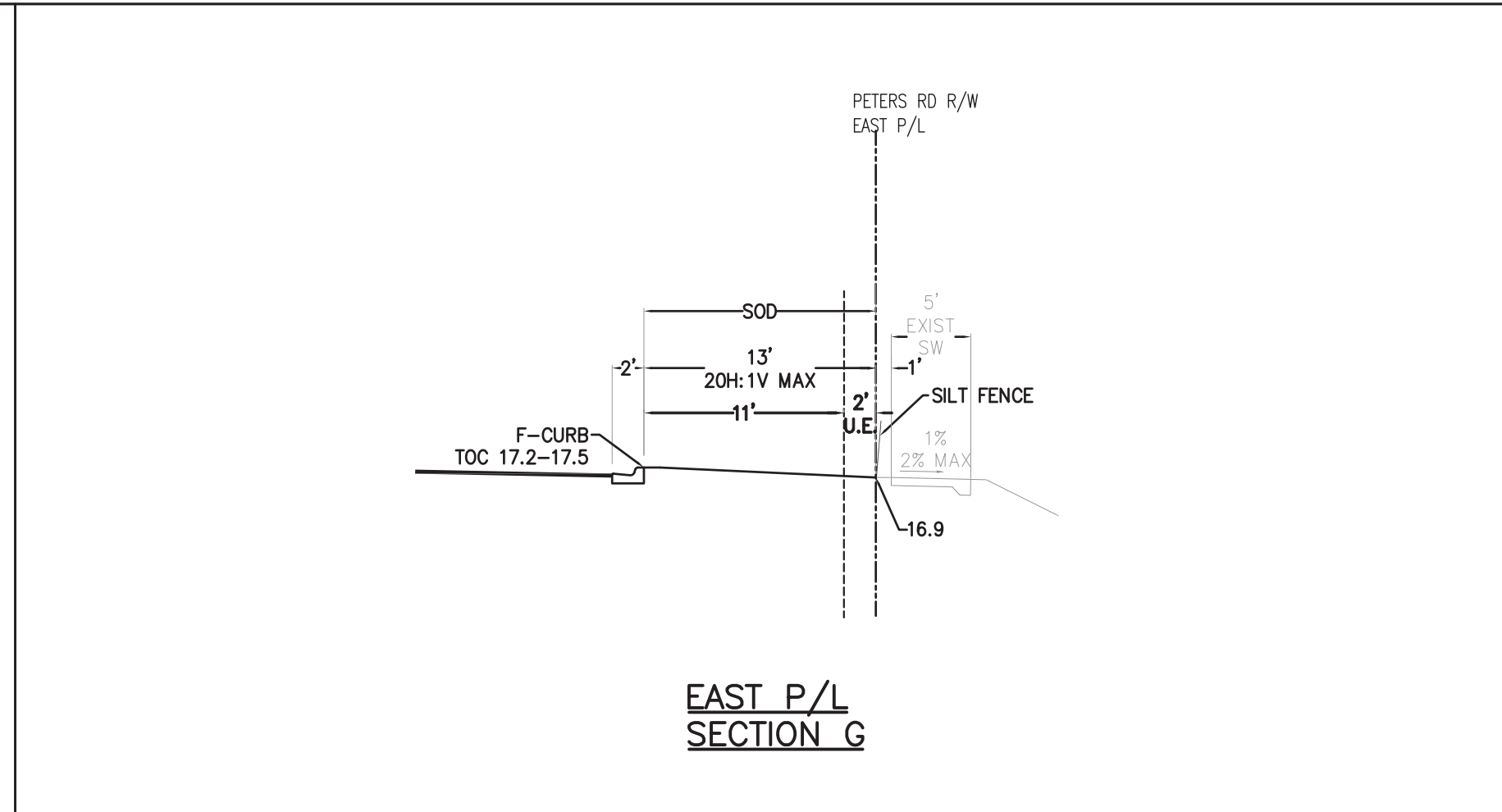
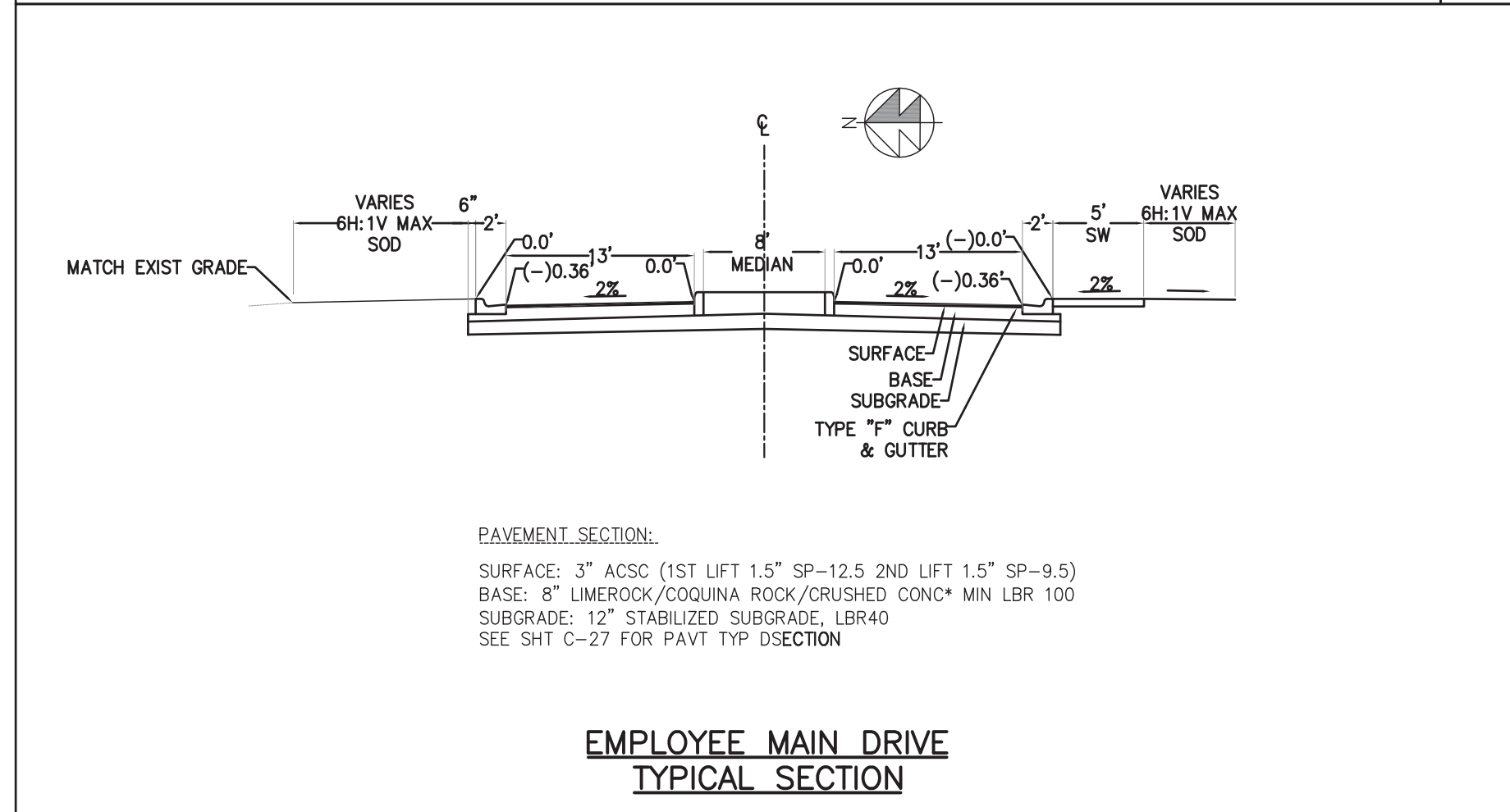
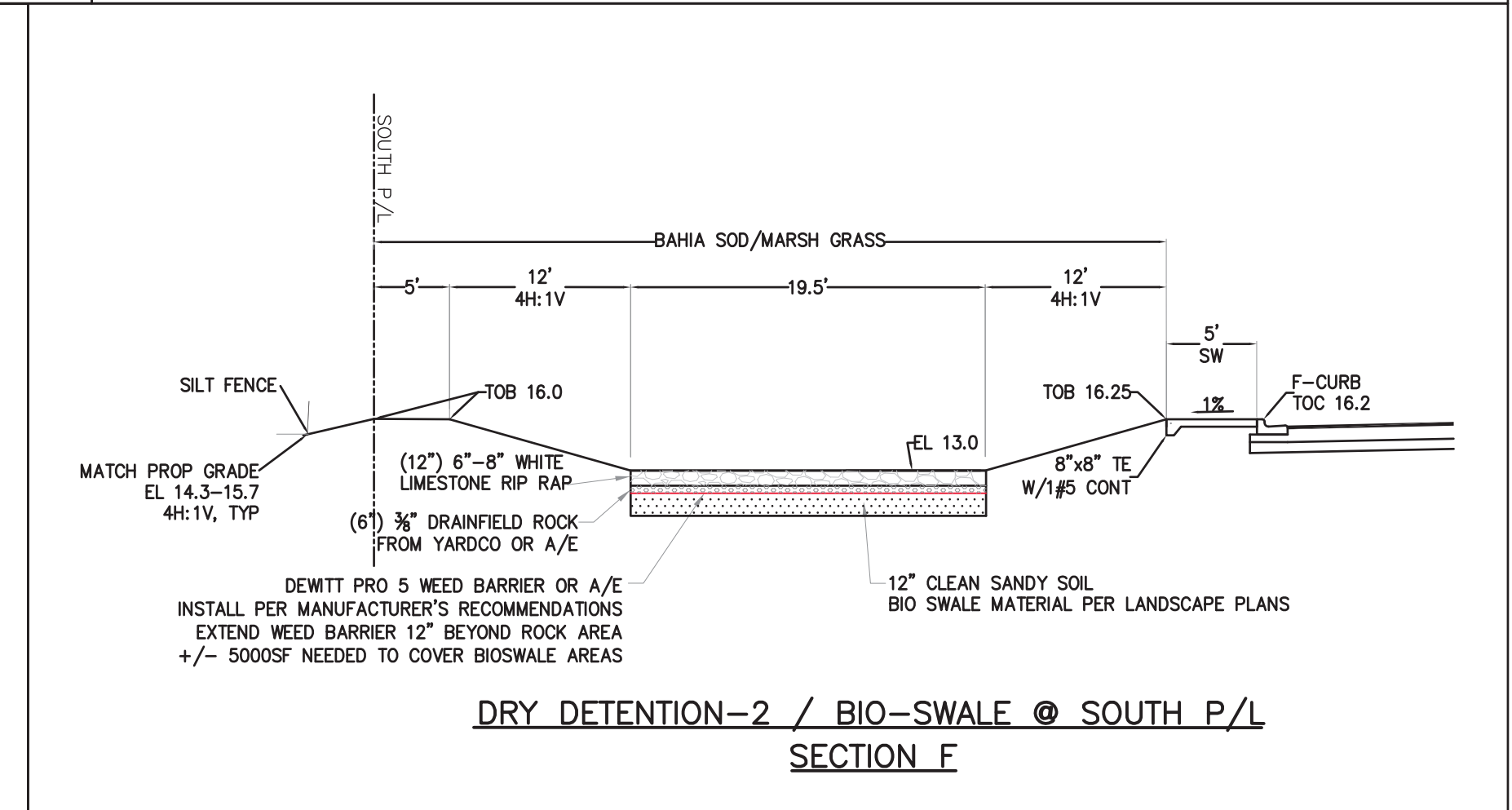
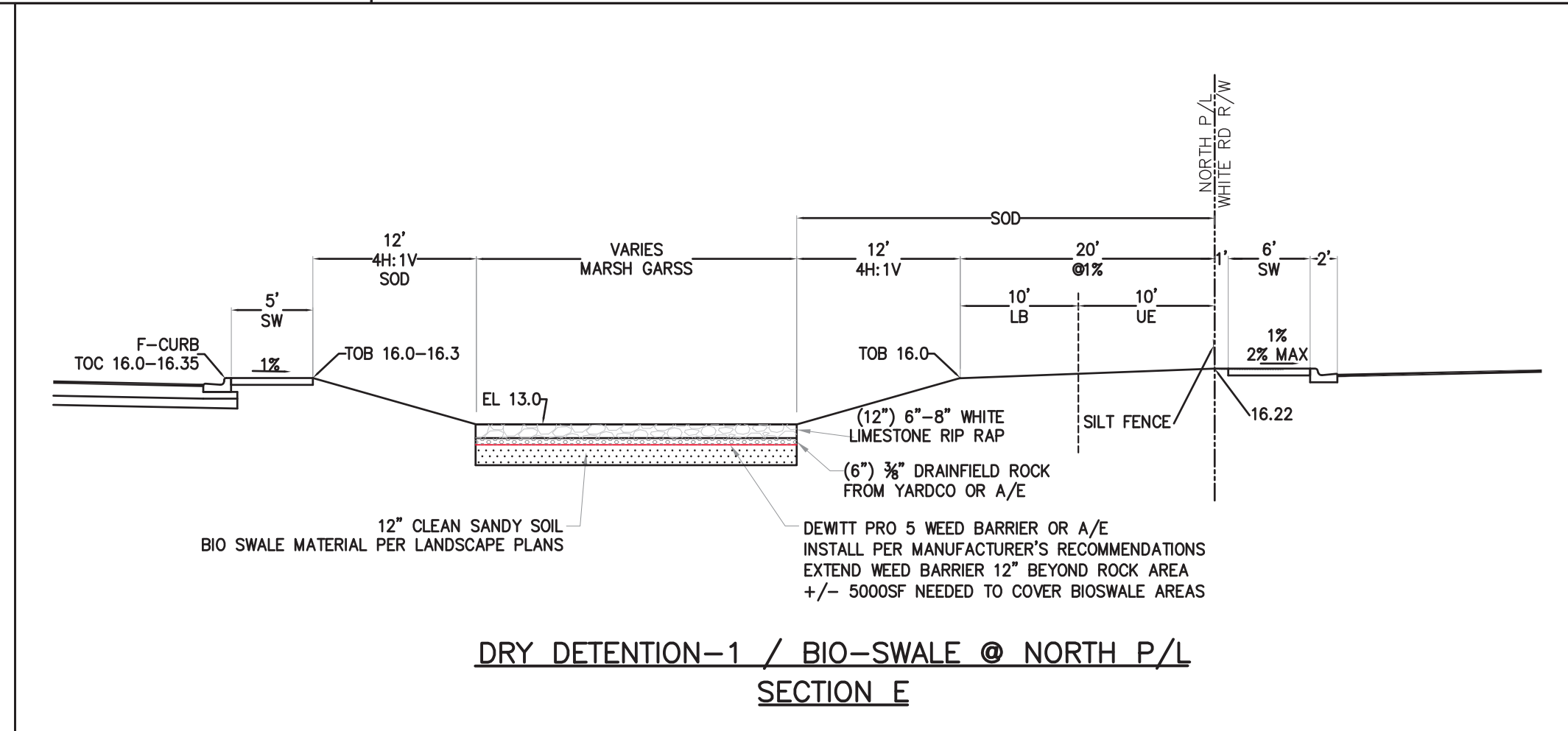
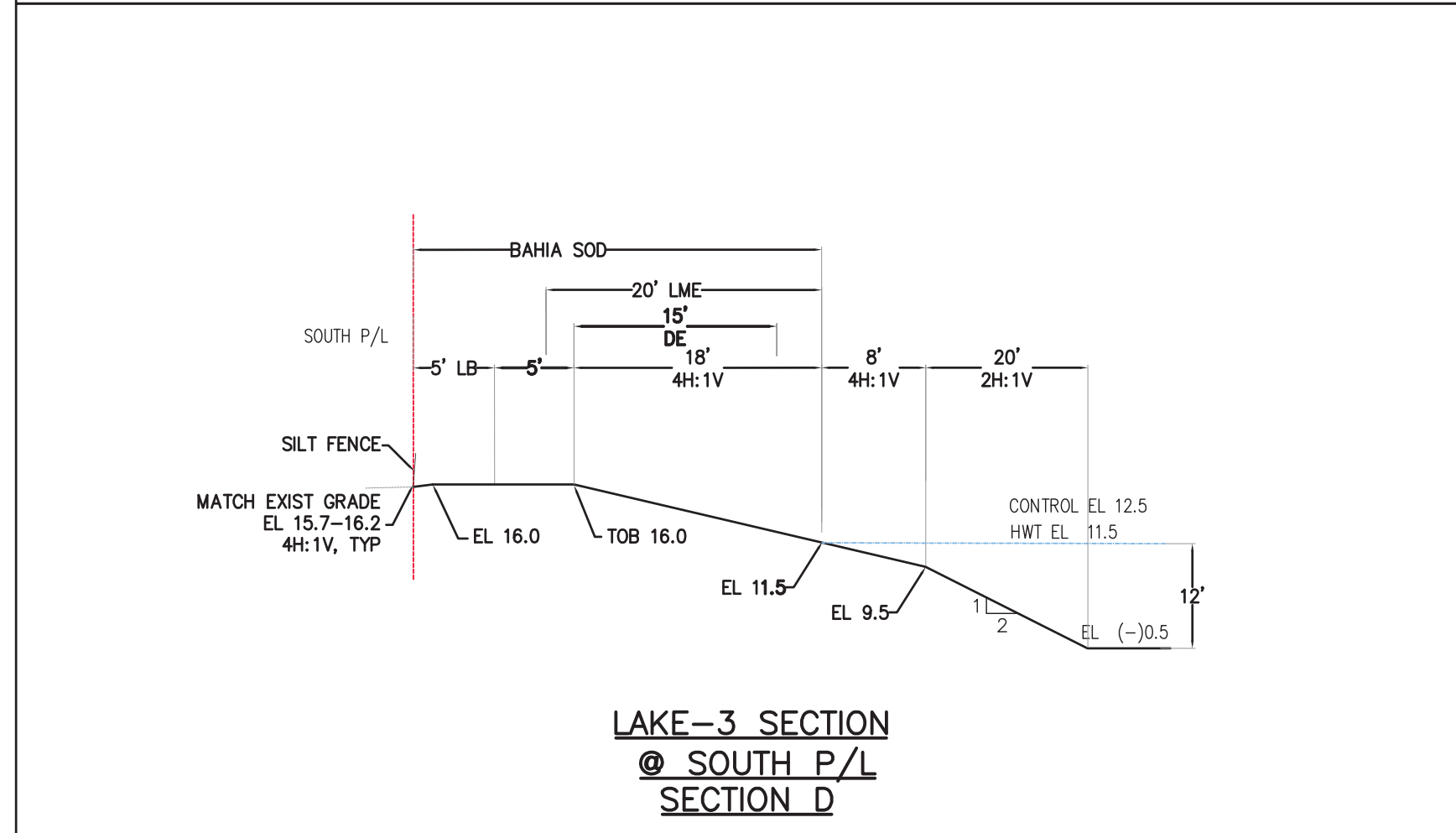
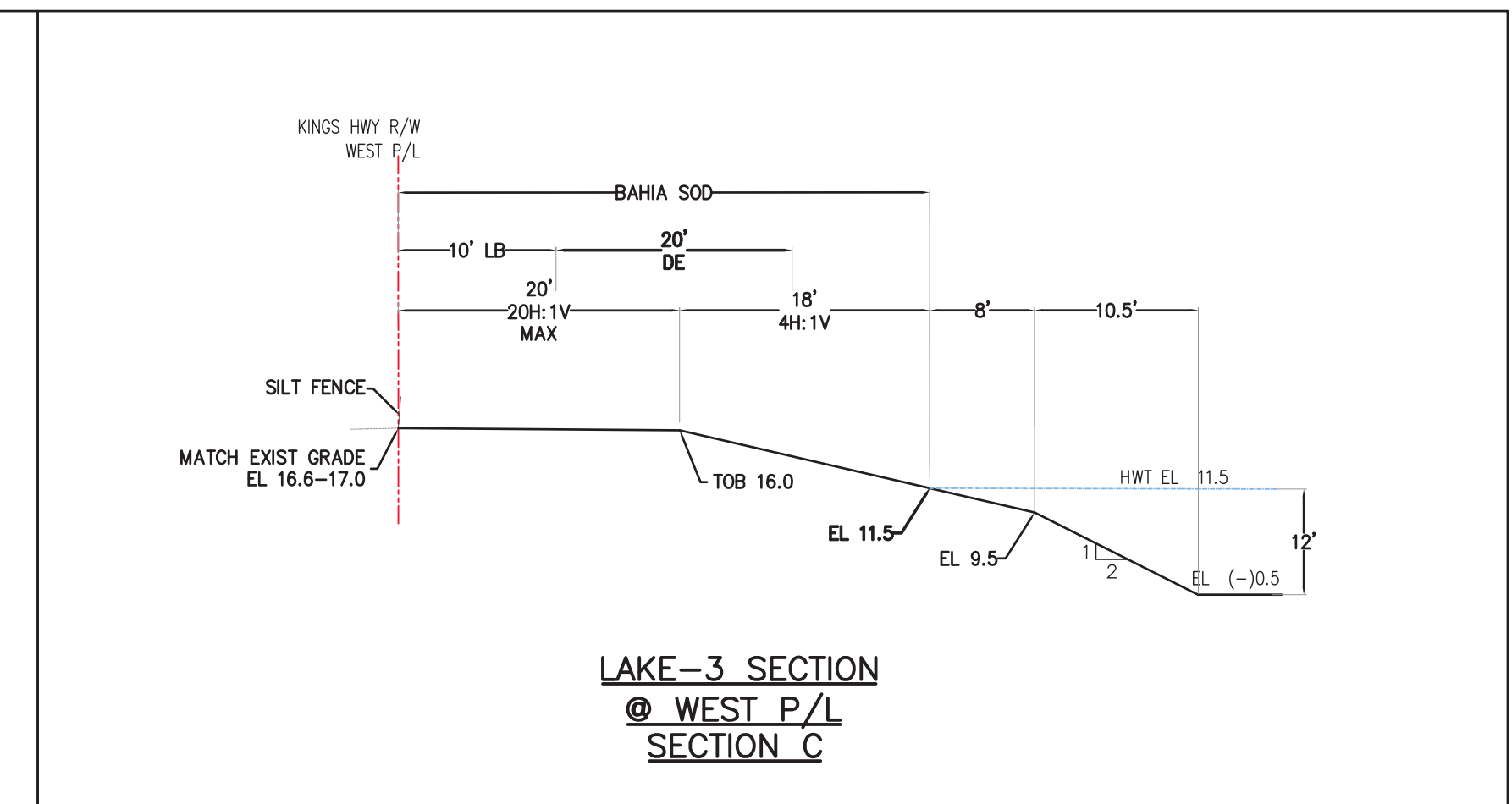
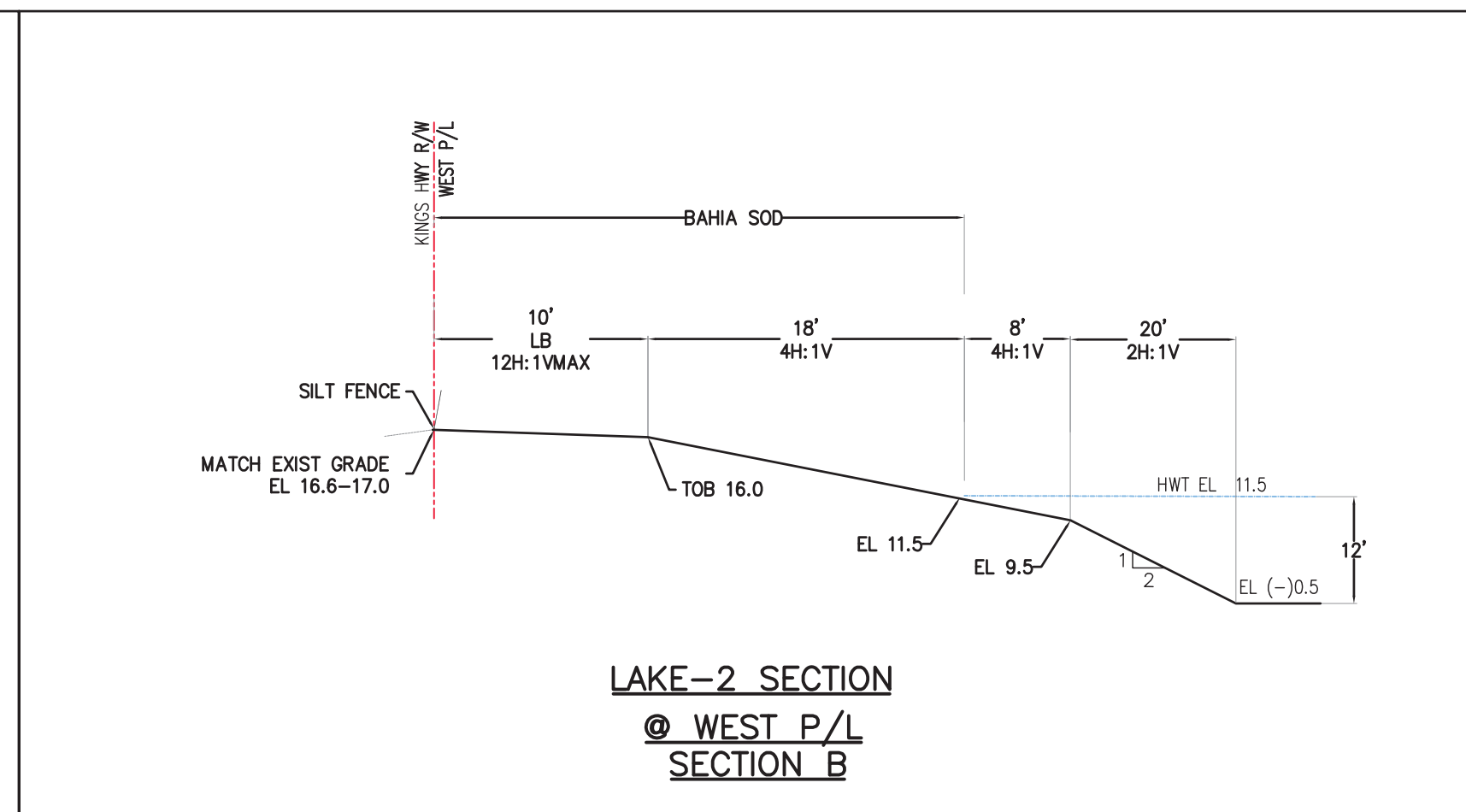
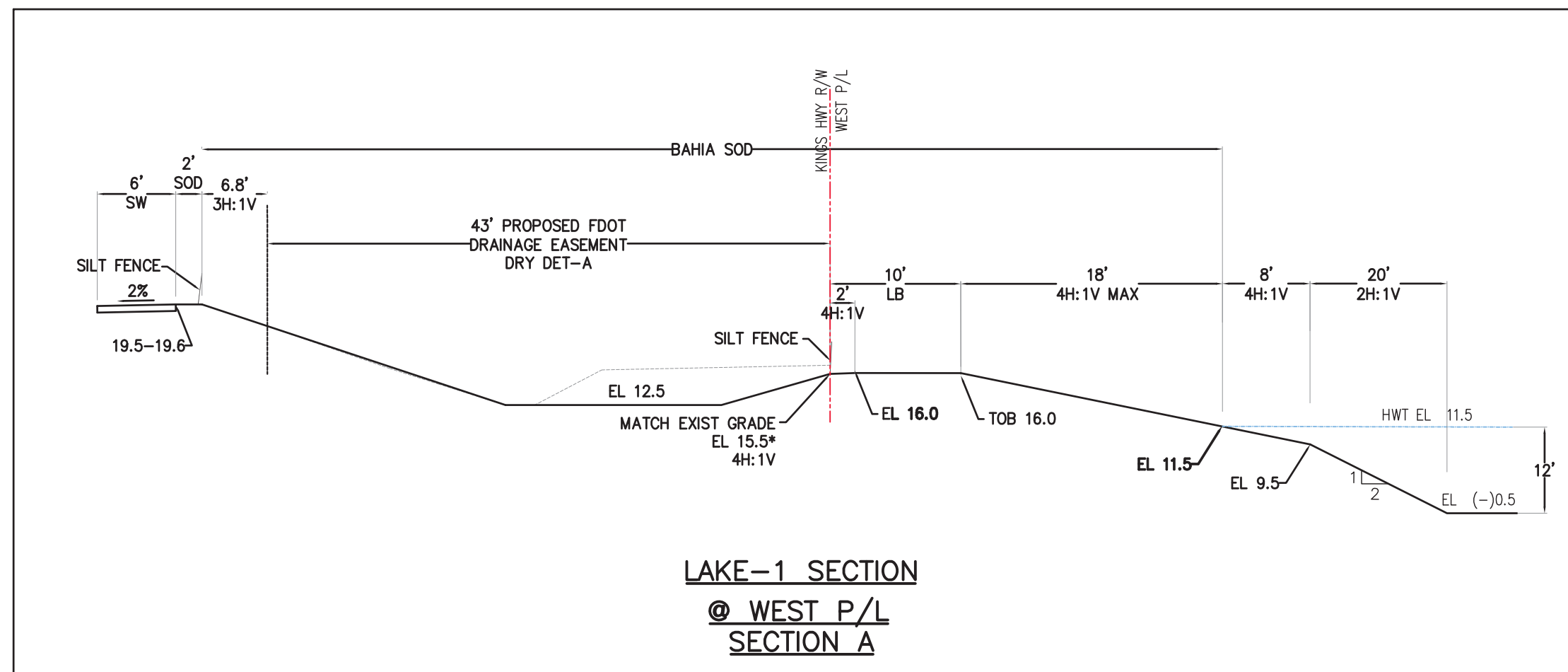
REVISIONS
02/16/26 REV BIKE RACK

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Amazon
Distribution Center
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

PAVING, GRADING, & DRAINAGE DETAILS
DESIGNED BY: JHI
SCALE: NA
DATE: 12/24/2025
DRAWN BY: DDI
JOB NO.: 2509-1533

Digitally signed by Jeff H. Iravani
Date: 2026.03.10 14:13:31 -0400
COA 6986
SHEET NO. C-29



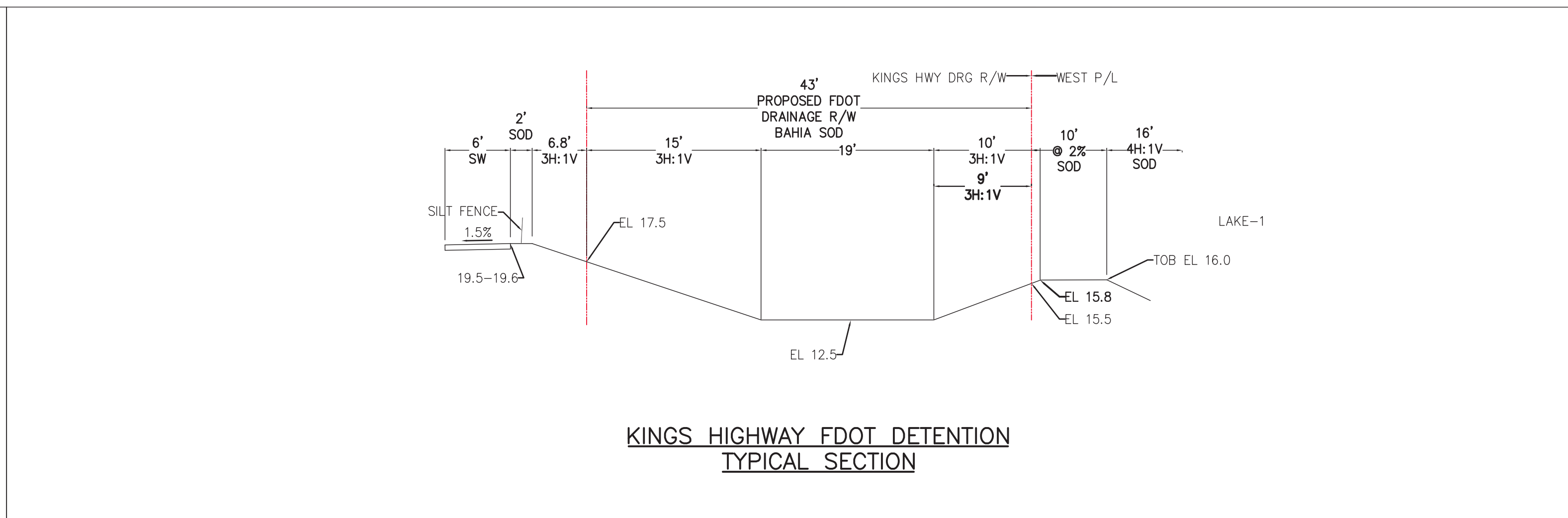
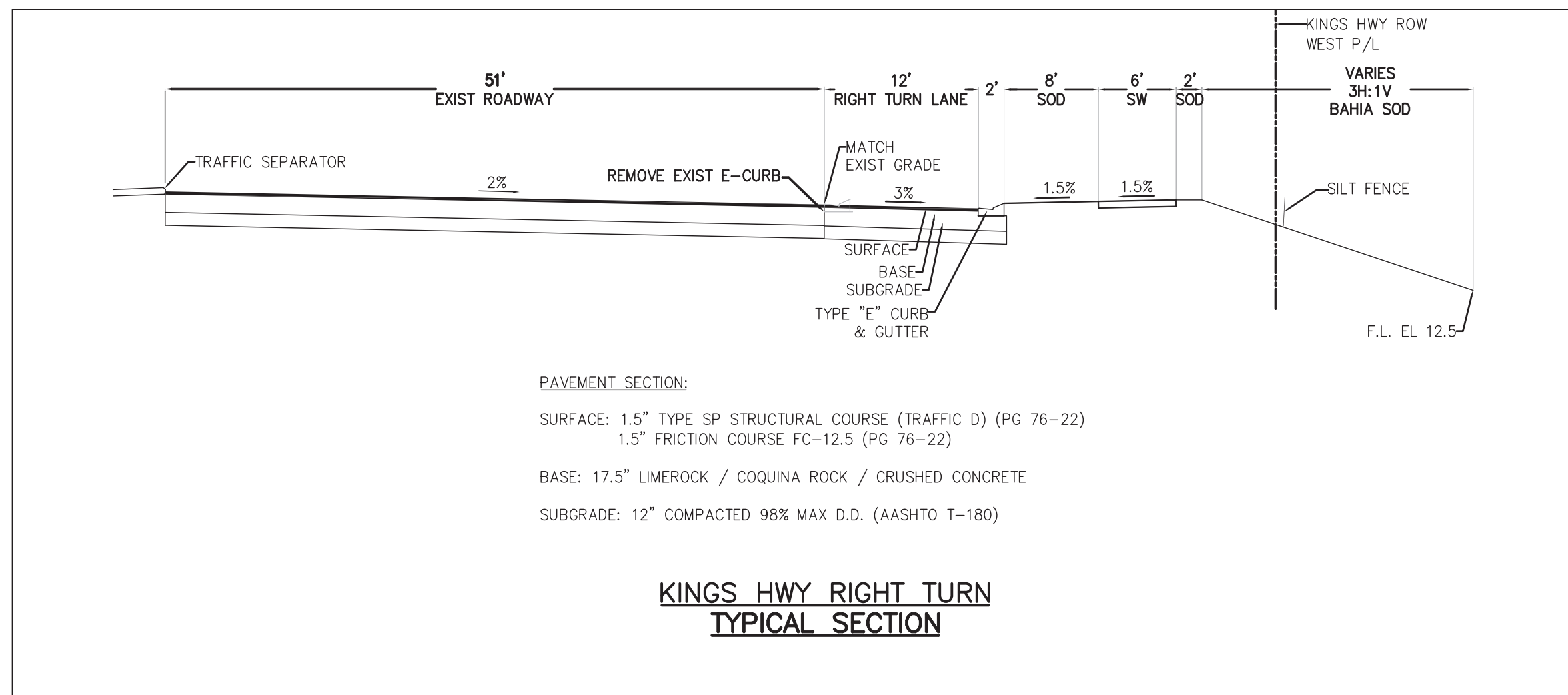
REVISIONS	
REV PER	SP 01-29-26

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Distribution Center
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

SECTIONS	
DATE	12/24/2025
SCALE	NA
DESIGNED BY	JHI
DRAWN BY	DDI
JOB NO.	2509-1533

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10
14:13:52
FR # 6988
SHEET NO.
C-30



- NOTES:
1. ALL SOD IN PUBLIC R/W SHALL BE BAHIA GRASS.
 2. EVERY PIECE OF SOD IN THE ROADSIDE DITCH SHALL BE PINNED.
 3. SOD HORIZONTAL ROWS SHALL BE STAGGERED SO THERE ARE NO RUNNING VERTICAL SEAMS ALONG THE ROADSIDE DITCH.
 4. CONTRACTOR SHALL IRRIGATE ALL SOD FOR 30 DAYS MIN AFTER INSTALLATION/TILL GRASS HAS GROWN TO MIN 12".
 5. CRUSHED CONC SHALL BE FROM FDOT CERTIFIED PIT W/ LBR 150.

REVISIONS	
REV	PER JHI 02-06-26

Jeff H. Iravani, Inc.
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 Fort Pierce, Florida

OFF-SITE SECTIONS			
DATE	SCALE	DESIGNED BY	DRAWN BY
12/24/2025	NA	JHI	DDI
			JOB NO.
			2509-1533

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 Date: 2026.03.10 14:14:22 -04'00'
 FR # 6986
 SHEET NO. C-31

**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 ANSWA C-900 OR C-905, PRESSURE CLASS 150, (DR 118). WATER MAINS WHERE SPECIFIED AS POLYETHYLENE (PE) SHALL CONFORM TO ANSWA 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 ANSWA 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 THIN WIRE.
5. FITTINGS SHALL BE DUCTILE IRON CONFORMING TO ANSWA C-110/A21.10, CLASS 250 MIN., CEMENT LINED AND FACTORY COATED.
6. GATE VALVES SHALL BE MUELLER RESILIENT SEAT, KENNEDY KEN-SEAL, AMERICAN OR APPROVED EQUAL. VALVES SHALL CONFORM TO ANSWA C-508.
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, FOOT, 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/FOOT ENGINEER.
9. THE CONTRACTOR SHALL NOTIFY FPUA ENGINEERING AND CITY/COUNTY/FOOT ENGINEERING 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
10. A PRE-CONSTRUCTION CONFERENCE BETWEEN THE ENGINEER, THE CONTRACTOR, FPUA, AND CITY/COUNTY/FOOT ENGINEER SHALL BE MANDATORY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
11. TRAFFIC CONTROL, BARRICADES, ETC., SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT 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/FOOT 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 ANSWA C-851 FOR DISINFECTION.

WATER DISTRIBUTION		G-1 NOTES	
DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM
DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 1 OF 2		SHEET 1 OF 2	

**FORT PIERCE UTILITIES AUTHORITY
WATER DISTRIBUTION NOTES
CONTINUED**

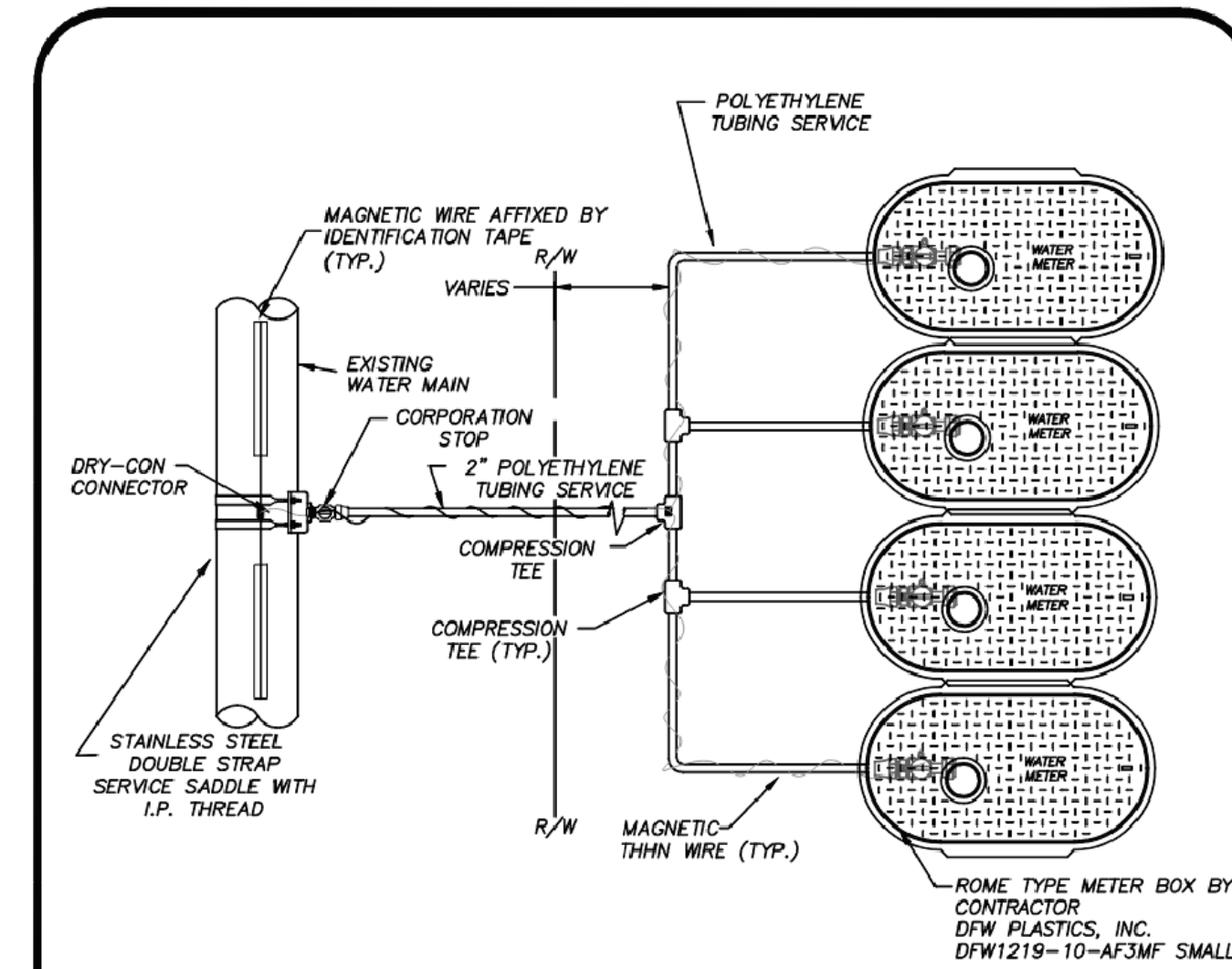
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING UTILITIES AND DRAINAGE.
 17. THE CONTRACTOR SHALL FURNISH RECORD DRAWING INFORMATION TO THE ENGINEER INCLUDING LOCATIONS OF VALVES, FITTINGS, SERVICE CONNECTIONS, BLOWOFFS, AIR RELEASE VALVES, AND ANY OTHER PERTINENT INFORMATION NECESSARY 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 SLEEVES.
 19. WATER MAIN SHALL BE MARKED BY THE USE OF CONTINUOUS 10 GAUGE THIN 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 UTILITIES 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 ANSWA C-600. - 2 HR MINIMUM TEST
- $L = \frac{SD(D)^{1/2}}{48,000}$
 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. NOTES: SWAB SHOULD BE PLACED IN 1st. JOINT OF NEW LINE. END OF MAIN 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 WASTEWATER 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 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.
 25. WHERE A WATER MAIN IS TO BE INSTALLED BELOW A STORM DRAIN PIPE, A MINIMUM OF 6 INCHES 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	
DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM
DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 2 OF 2		SHEET 2 OF 2	

**STANDARD SEPARATION STATEMENT FOR
WATER / SEWER CONFLICTS**

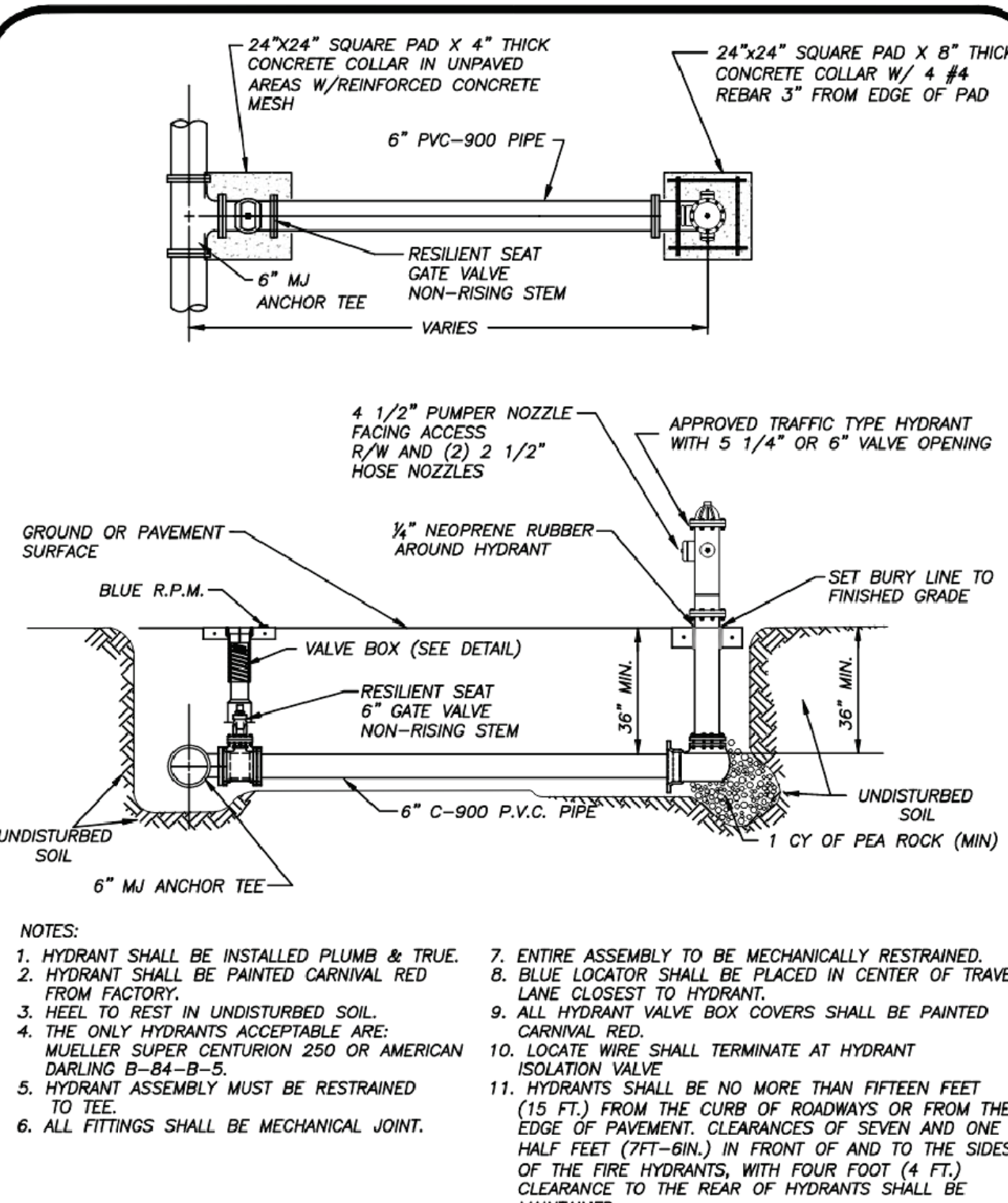
1. SANITARY SEWER, FORCE MAINS, AND STORM SEWERS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, FORCE MAINS AND STORM SEWERS CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 6 INCHES, PREFERABLY 12 INCHES BETWEEN THE WVERT OF THE UPPER PIPE AND THE 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 II 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 II 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.
- A MINIMUM 3-FOOT, AND PREFERABLY 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 "ON-SITE SEWAGE TREATMENT AND DISPOSAL" SYSTEM AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
- A MINIMUM 6-FOOT, AND PREFERABLY 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 FEET 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 AN 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).
- 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	
DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM
DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 1 OF 1		SHEET 1 OF 1	

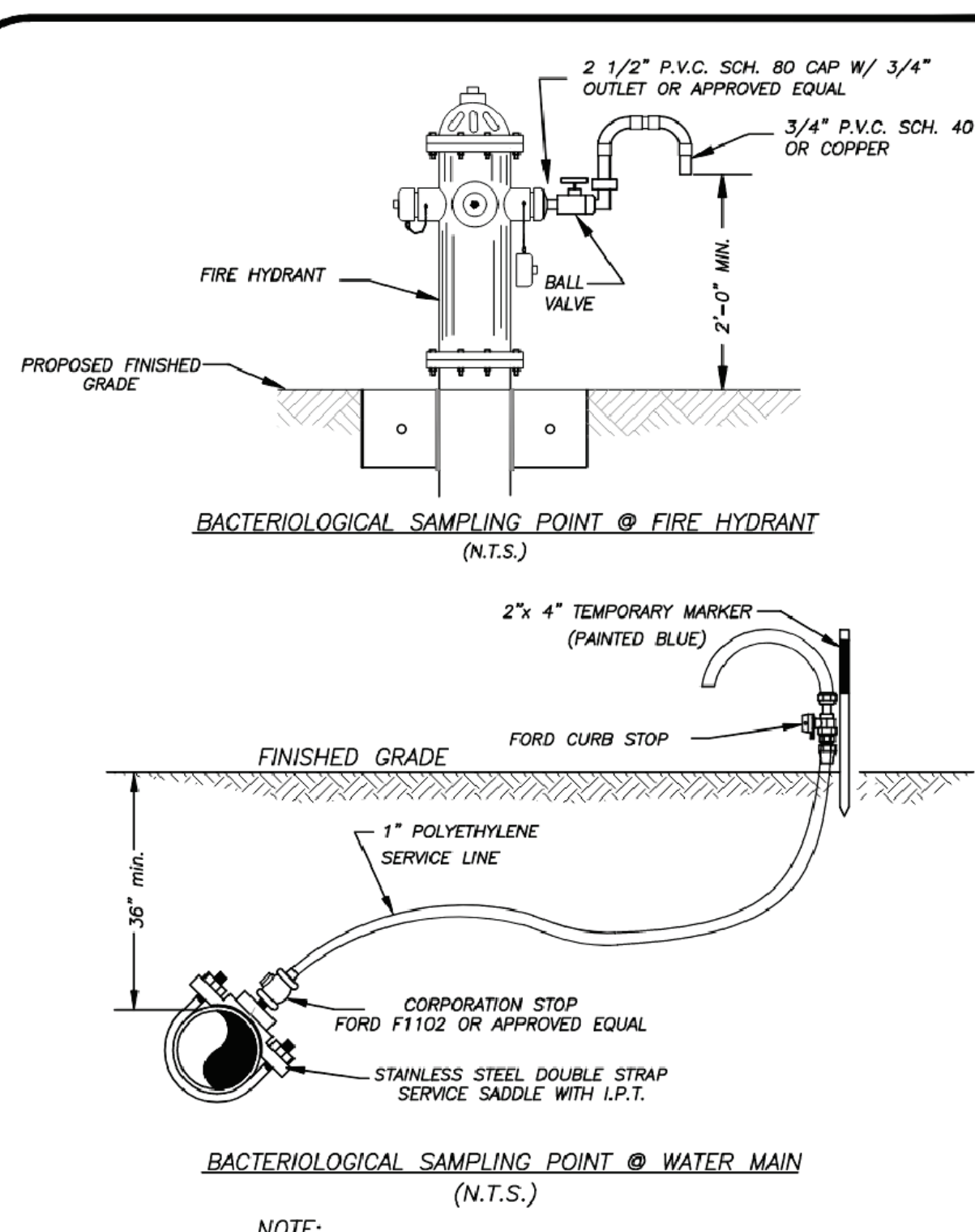


- NOTES:**
1. BLUE 10 GAUGE THIN WIRE SHALL BE ATTACHED TO THE SERVICE LINE AND RAN TO OUTER METERS ONLY.
 2. WHERE SERVICES UNDER PAVEMENT ARE REQUIRED, THE POLYETHYLENE TUBING SHALL BE INSTALLED WITHIN SCHEDULE 40 PVC CASING PIPE.
 3. ALL METER SIZES SHALL REQUIRE LOCKABLE METER VALVE. (CURB STOP)
 4. MINIMUM COVER IN UNPAVED AREAS SHALL BE 30". IN PAVED AREAS OR PLANNED ROADWAYS OR SVALES 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.

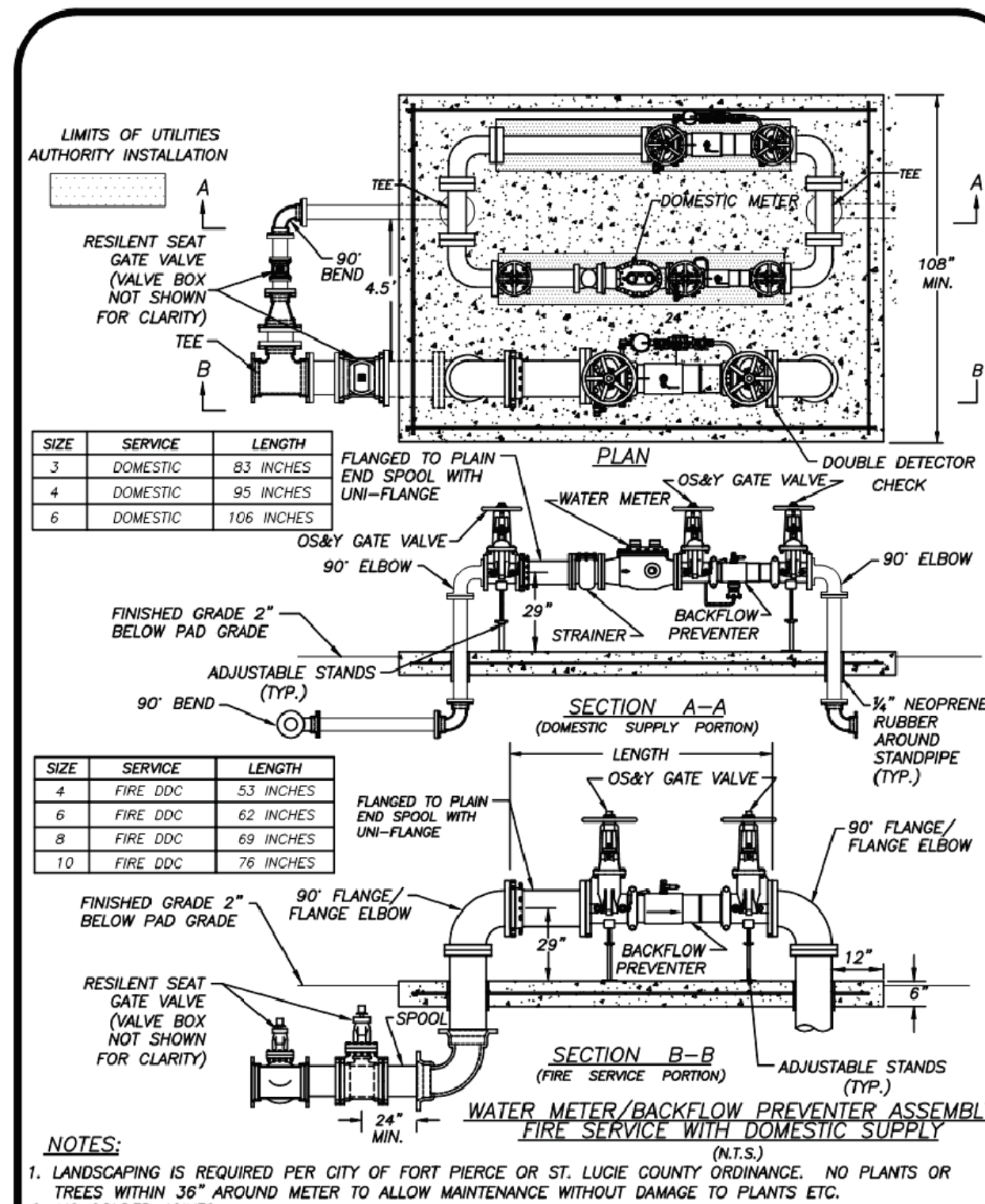
TYPICAL MULTIPLE WATER SERVICE CONNECTION (COMMERCIAL)		W-4A	
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DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 1 OF 1		SHEET 1 OF 1	



TYPICAL FIRE HYDRANT ASSEMBLY		W-5	
DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM
DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 1 OF 1		SHEET 1 OF 1	



BACTERIOLOGICAL SAMPLING POINT DETAIL		W-6	
DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM
DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 1 OF 1		SHEET 1 OF 1	



WATER METER/BACKFLOW PREVENTER FIRE SERVICE WITH DOMESTIC SUPPLY		W-11	
DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM	DESIGNED BY: JLM
DATE: 2010	DATE: 2010	DATE: 2010	DATE: 2010
FT. PIERCE UTILITIES AUTHORITY		FT. PIERCE UTILITIES AUTHORITY	
SHEET 1 OF 1		SHEET 1 OF 1	

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Amazon Distribution Center
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

WATER DETAILS
JOB NO. 2509-1533
DRAWN BY DDI
DESIGNED BY JHI
DATE 12/24/2025
SCALE NA

Digitally signed by Jeff H. Irvani
Date: 2026.03.10 14:14:49 -04'00'
COA 6986
SHEET NO. C-32

FORT PIERCE UTILITIES AUTHORITY WASTEWATER CONSTRUCTION NOTES

- ALL CONSTRUCTION MATERIAL, INSTALLATION AND TESTING SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE FORT PIERCE UTILITIES AUTHORITY.
- GRAVITY SEWER MAIN SHALL BE POLYVINYL CHLORIDE 80N-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.
- 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.
- 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 THAN THE MINIMUM REQUIRED BY THE APPROPRIATE RESPONSIBLE AGENCY.
- A 1/8" MINIMUM SLOPE SHALL BE MAINTAINED ON ALL SANITARY SERVICE LATERALS.
- 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.
- MAINTAIN SIX FEET AND PREFERABLY 10 FEET HORIZONTAL DISTANCE BETWEEN WATER MAINS AND SEWER MAINS AS A MINIMUM.
- 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 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.
- 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 PREFERABLY 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 "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
- A MINIMUM 6-FOOT, AND PREFERABLY 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 MAINTAINED TO 3 FEET 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 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).
- 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 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 (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 PREFERABLY 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 "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

A MINIMUM 6-FOOT, AND PREFERABLY 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 MAINTAINED TO 3 FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

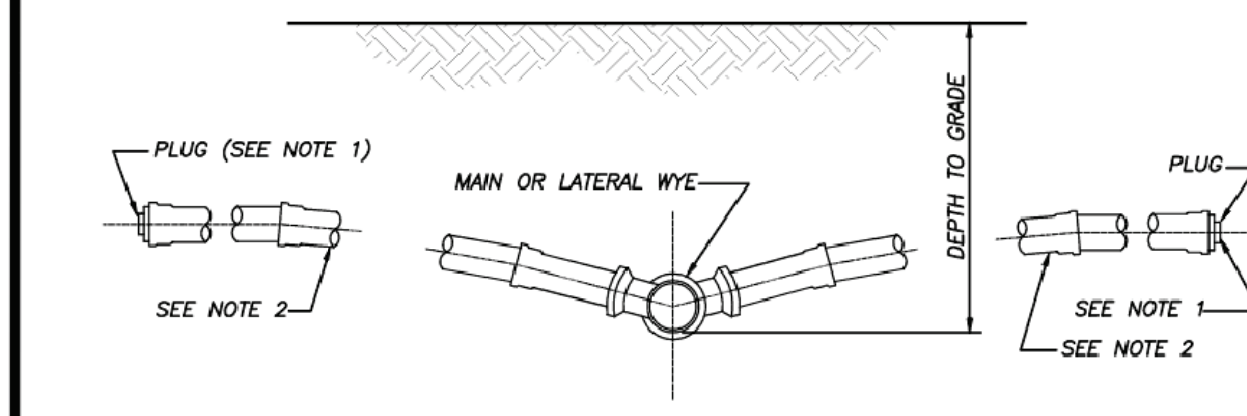
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WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 6 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP (EXCEPT STORM SEWER) WITH A MINIMUM VERTICAL DISTANCE 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.

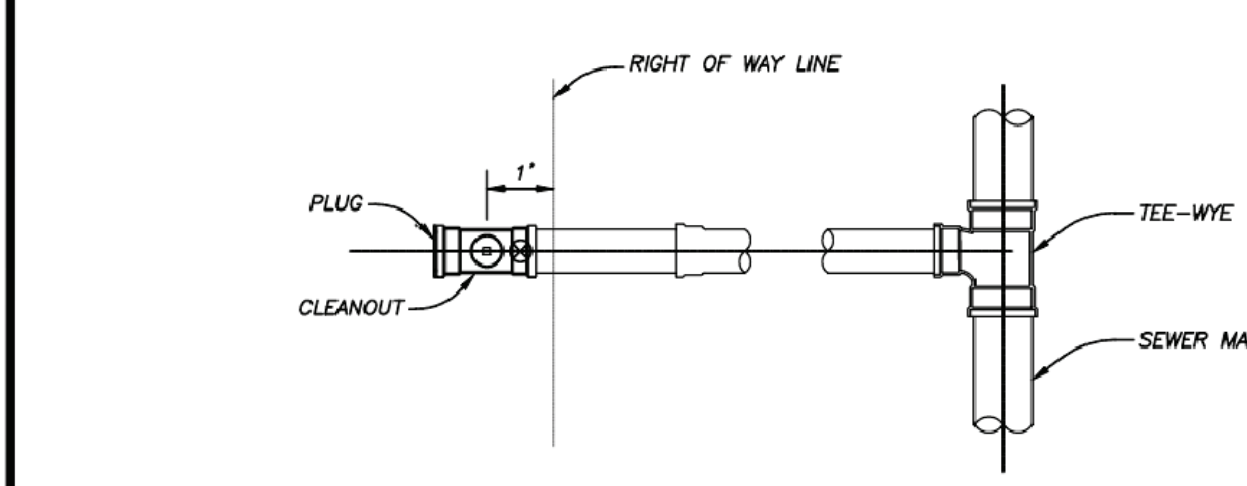
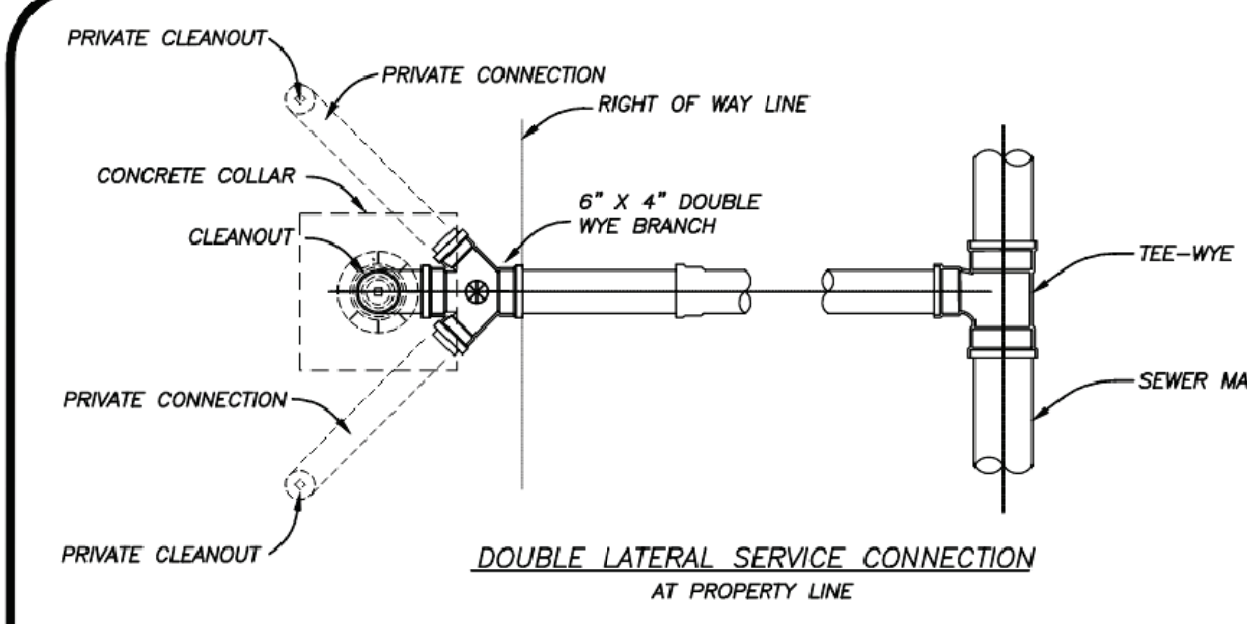
WASTEWATER CONSTRUCTION NOTES		G-2	
FPUA REQUIREMENTS		CONSTRUCTION NOTES	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			

STANDARD SEPARATION STATEMENT FOR WATER/SEWER CONFLICT		G-3	
WATER/WASTEWATER ENGINEERING		WATER/SEWER CONFLICT	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			



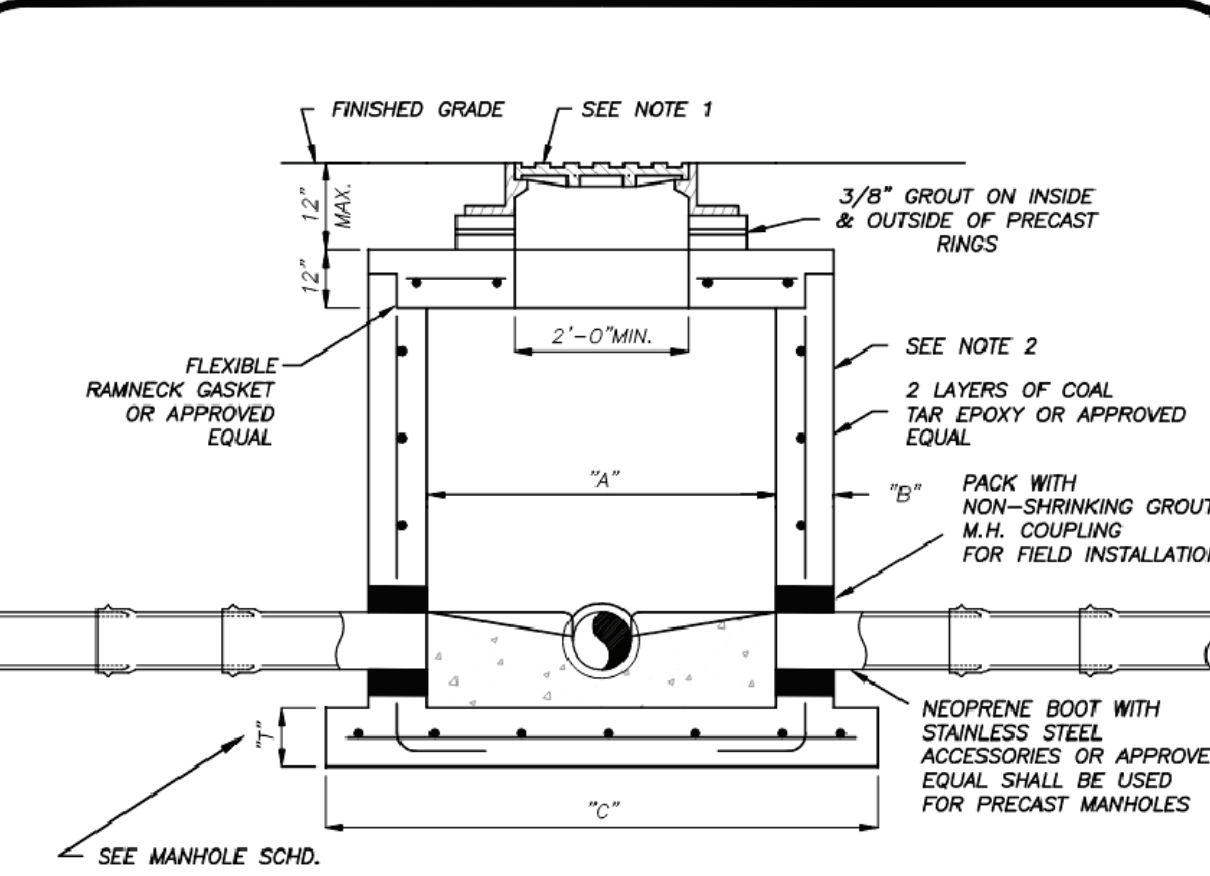
- NOTES:**
- BALL TYPE WASTEWATER LOCATOR BY 3M CORP. OR APPROVED EQUAL.
 - MINIMUM SLOPE OF 1/8" PER FOOT, USE GREATER SLOPE WHERE POSSIBLE.
 - SERVICE LATERAL SHALL TERMINATE WITH A CLEANOUT.
 - INSTALL CLEANOUT AT THE PROPERTY LINE. REFER TO DETAIL S-1 FOR SPECIFIC PROPERTY LAYOUT.

SERVICE CONNECTION WASTEWATER		S-2	
WATER/WASTEWATER ENGINEERING		WATER/WASTEWATER ENGINEERING	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			



- NOTES:**
- BALL TYPE WASTEWATER LOCATOR INSTALLED ABOVE THIS POINT EQUAL BY 3M CORP. OR APPROVED EQUAL.
 - SERVICE LATERAL SHALL TERMINATE WITH A CLEANOUT

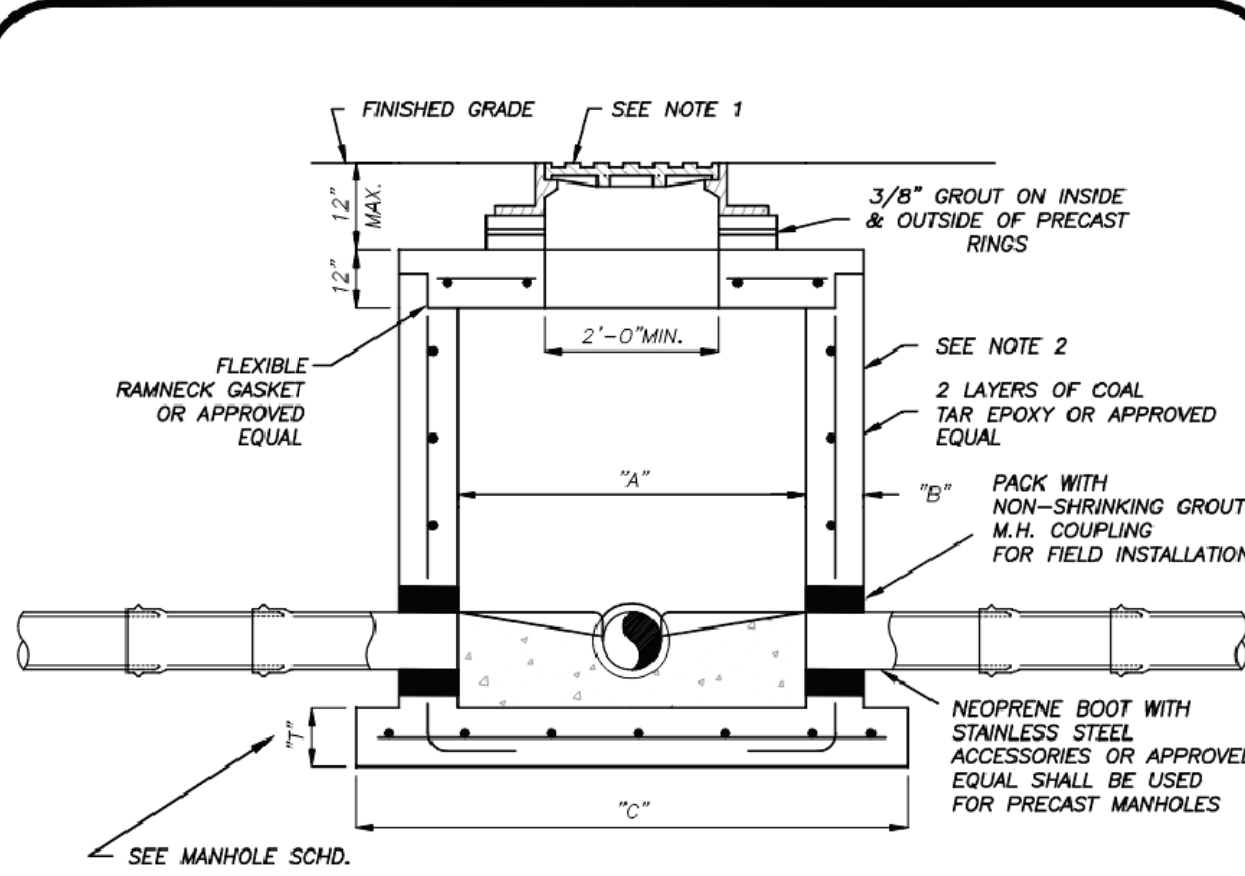
SERVICE CONNECTION WASTEWATER		S-3	
WATER/WASTEWATER ENGINEERING		WATER/WASTEWATER ENGINEERING	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			



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"	

- NOTES:**
- MANHOLE FRAME & COVER WITH THE WORDS "SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
 - 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.
 - A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
 - RAIN GUARDS SHALL BE INSTALLED IN MANHOLES THAT HAVE GRAVITY MAINS 12" OR LESS.

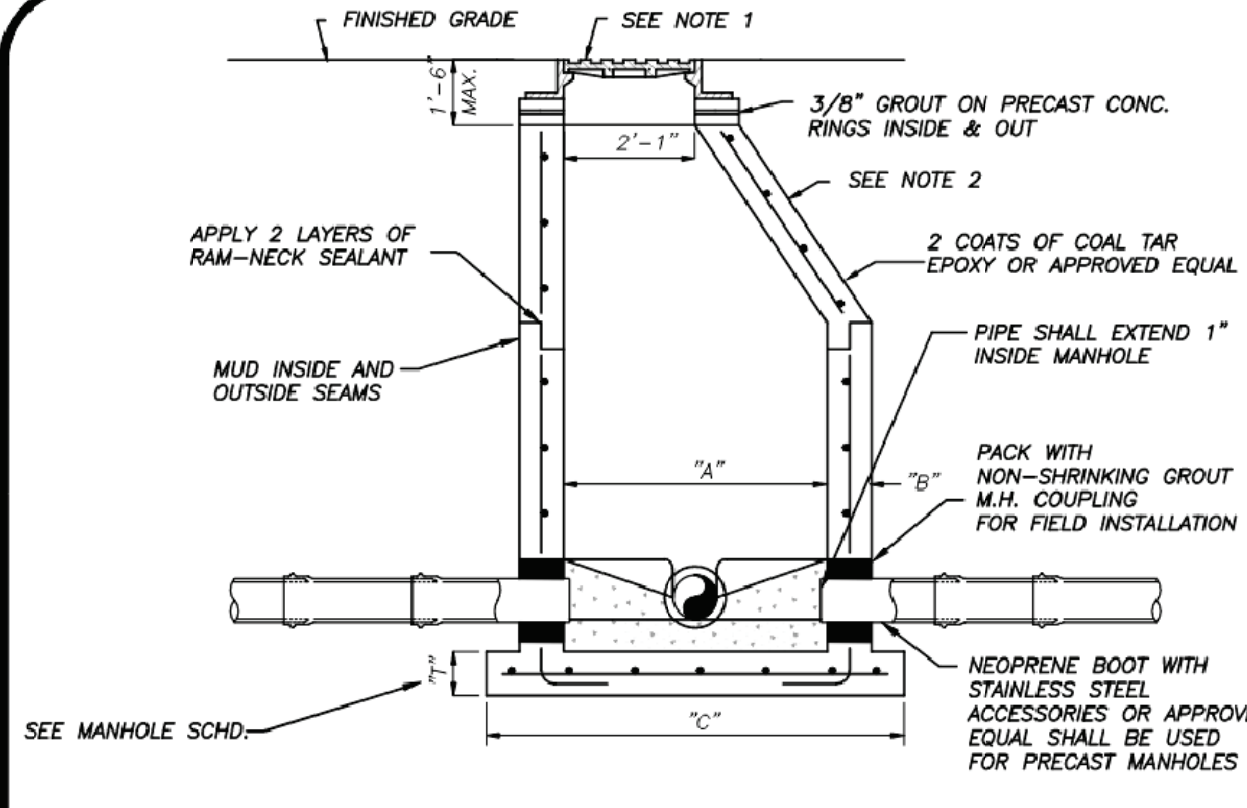
PRECAST MANHOLE DEPTH OF LESS THAN 5'-0"		S-6	
WATER/WASTEWATER ENGINEERING		WATER/WASTEWATER ENGINEERING	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			



PIPE DIA.	"A"	"B"	"C"	BOT. SLAB	"T"
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- NOTES:**
- MANHOLE FRAME & COVER WITH THE WORDS "SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
 - 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.
 - A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
 - RAIN GUARDS SHALL BE INSTALLED IN MANHOLES THAT HAVE GRAVITY MAINS 12" OR LESS.

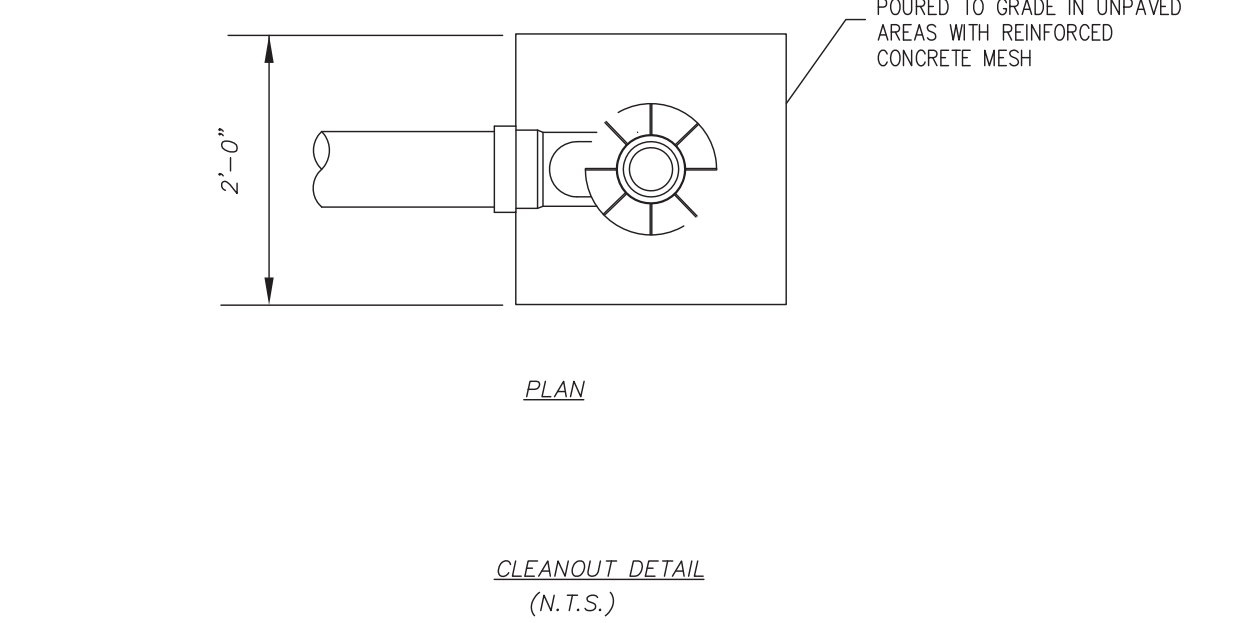
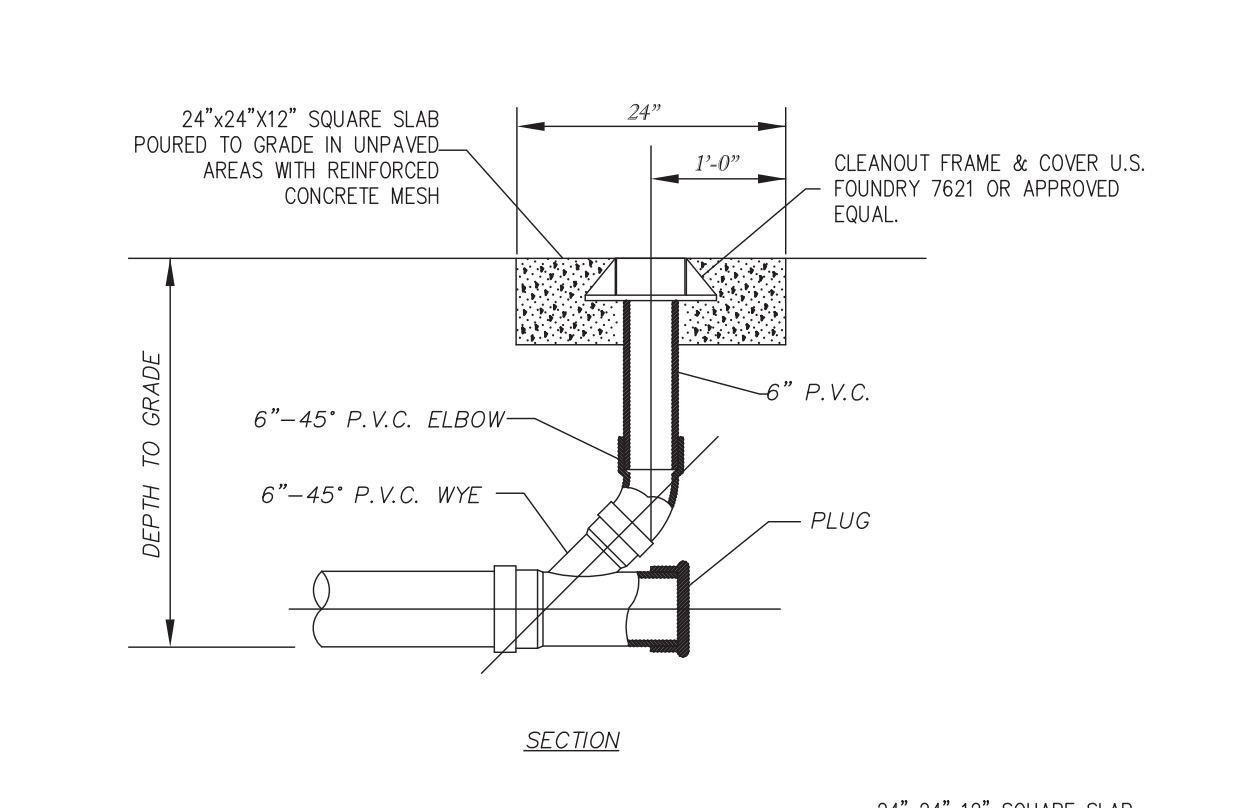
PRECAST MANHOLE DEPTH OF LESS THAN 5'-0"		S-6	
WATER/WASTEWATER ENGINEERING		WATER/WASTEWATER ENGINEERING	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			



PIPE DIA.	"A"	"B"	"C"	BOT. SLAB	"T"
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- NOTES:**
- MANHOLE FRAME & COVER WITH THE WORDS "SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
 - 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.
 - A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
 - RAIN GUARDS SHALL BE INSTALLED IN MANHOLES THAT HAVE GRAVITY MAINS 12" OR LESS.

PRECAST MANHOLE DEPTH 5'-0" & GREATER		S-7	
WATER/WASTEWATER ENGINEERING		WATER/WASTEWATER ENGINEERING	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			



TERMINAL CLEANOUT DETAIL WASTEWATER		S-7	
WATER/WASTEWATER/GAS ENGINEERING		WATER/WASTEWATER/GAS ENGINEERING	
DESIGNED BY: JLC	DATE: 2019	SCALE: 1"=1'-0"	SHEET: 1 OF 1
FT. PIERCE UTILITIES AUTHORITY			

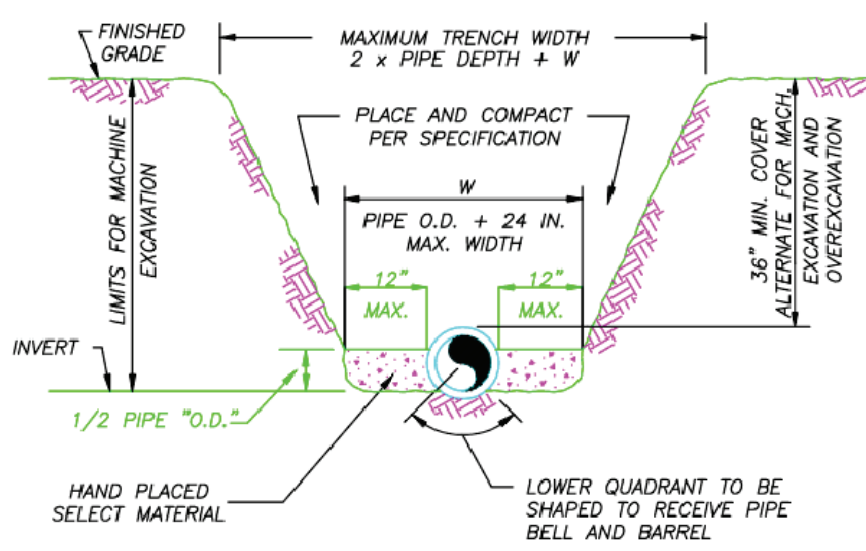
REVISIONS

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WASTEWATER DETAILS	DESIGNED BY: JHI	DRAWN BY: DDI	JOB NO.: 2509-1533
SCALE: NA	DATE: 12/24/2025		

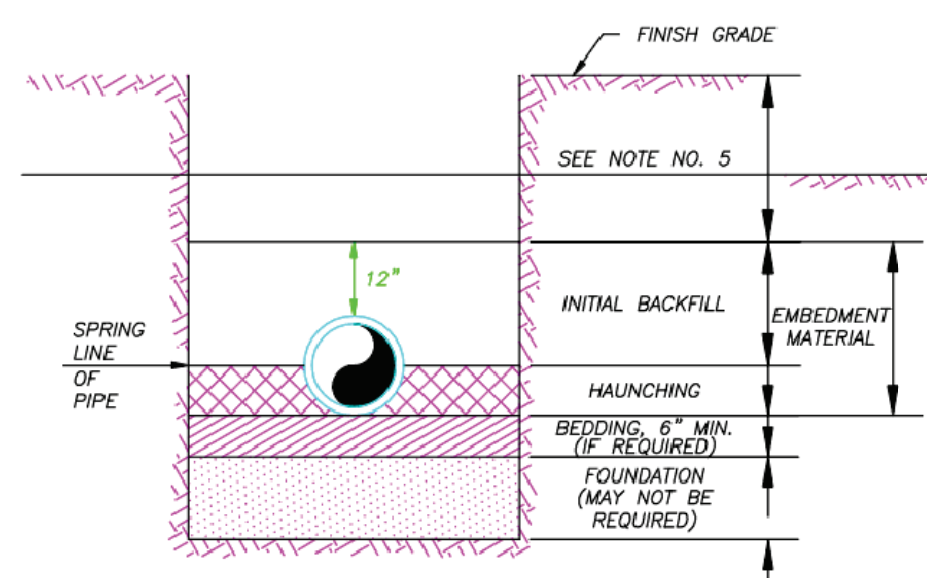
Digitally signed by Jeff H. Iravani
Date: 2026.03.10 14:15:18 -0400
SHEET NO. C-33



- 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.

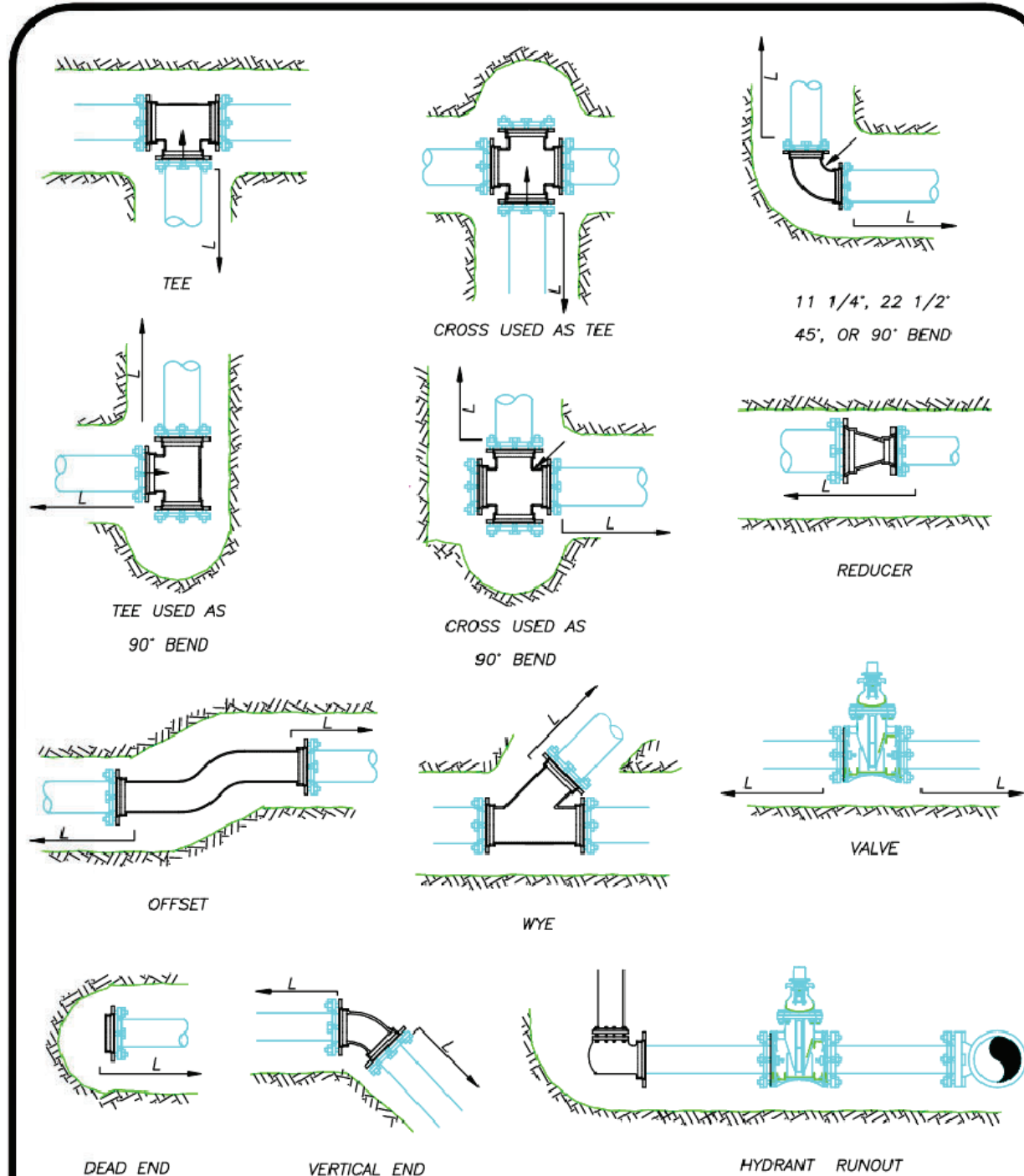
TYPICAL TRENCH DETAIL				M-1	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					



- 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
N.T.S.

BACKFILLING REQUIREMENTS				M-2	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					



MECHANICAL JOINT ANCHORING REQUIREMENTS
N.T.S.

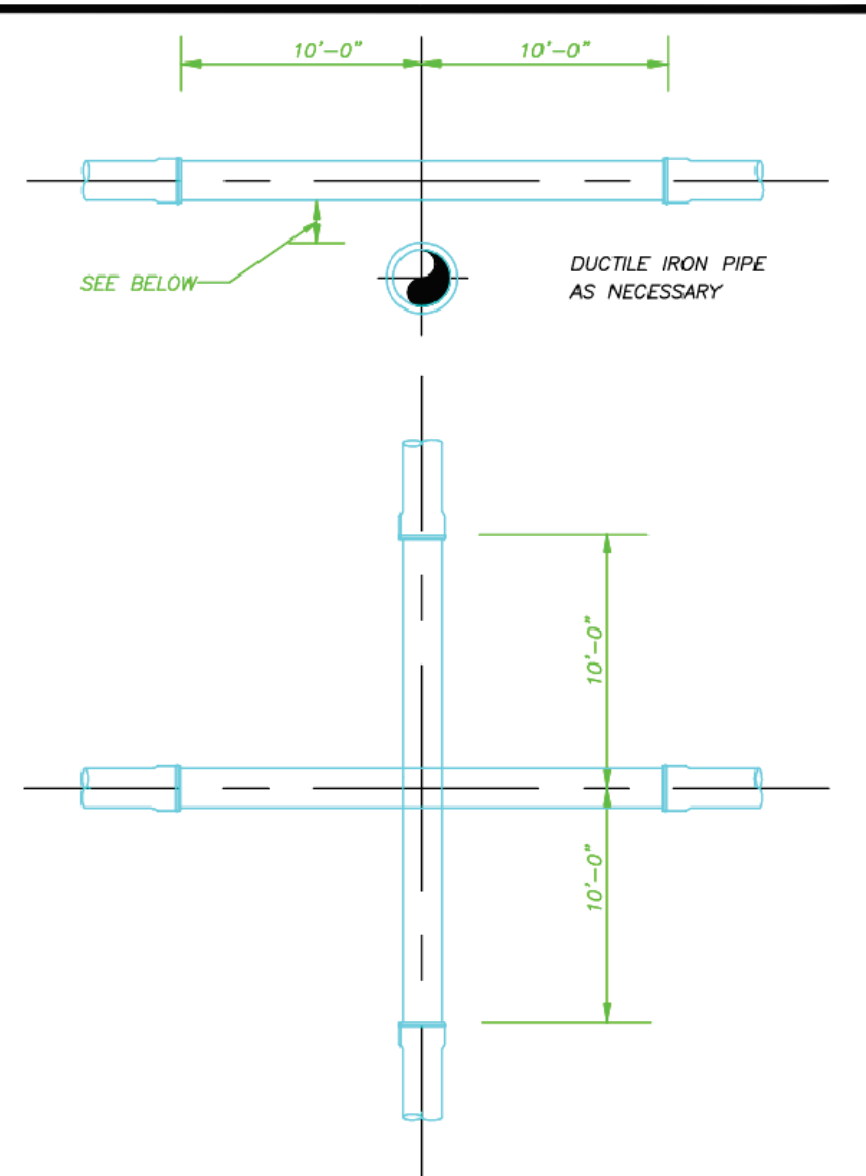
MECHANICAL JOINT ANCHORING REQUIREMENTS				M-3	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					

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 RESTRAINT LENGTH CALCULATIONS SHALL ALSO CONSIDER THE CONDITIONS OF OTHER BENDS OR FITTINGS THAT WILL BE LOCATED WITHIN THE CALCULATED RESTRAINT 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
N.T.S.

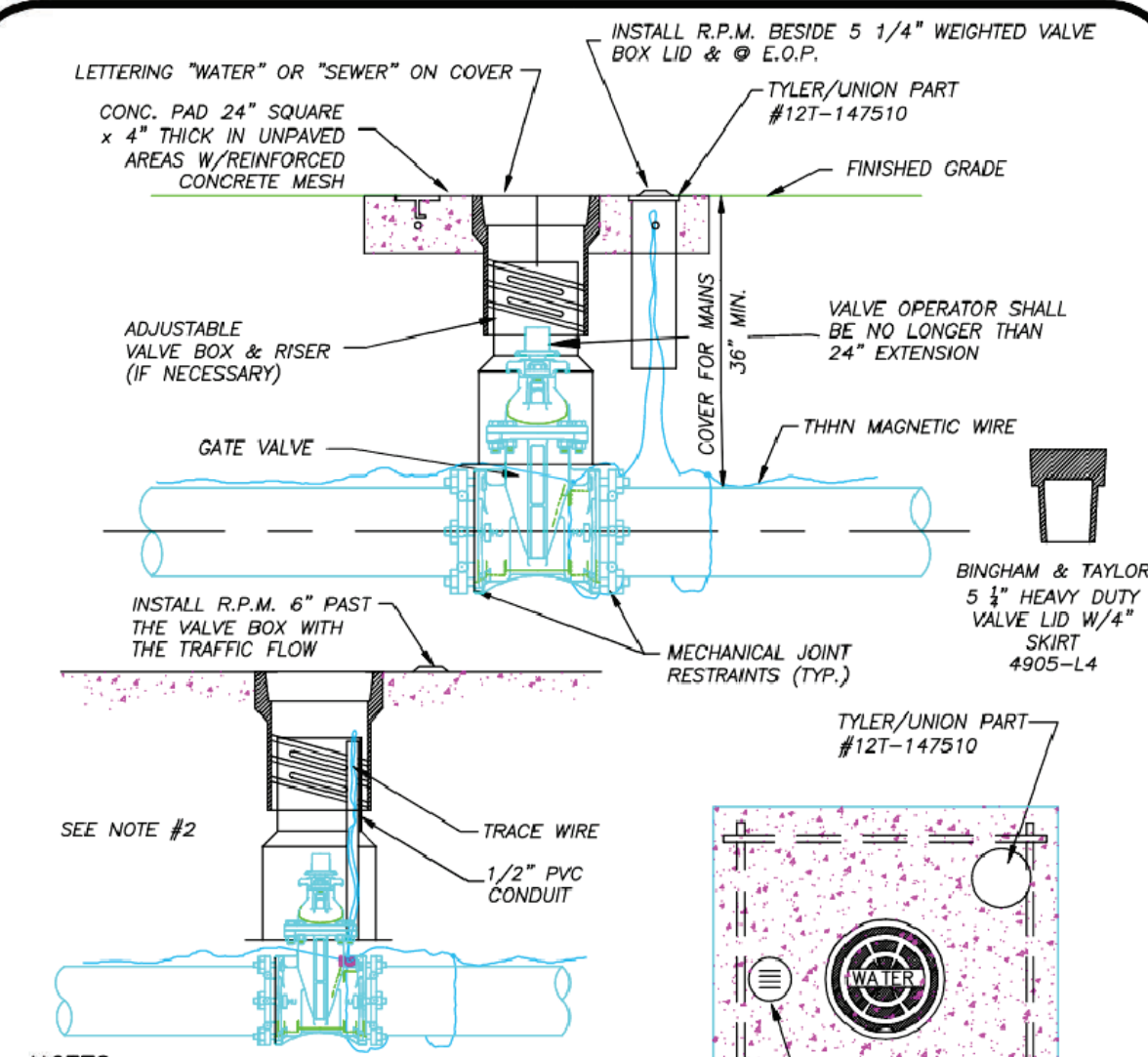
MECHANICAL JOINT RESTRAINT NOTES				M-4	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					



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

UTILITY CROSSING DETAIL
N.T.S.

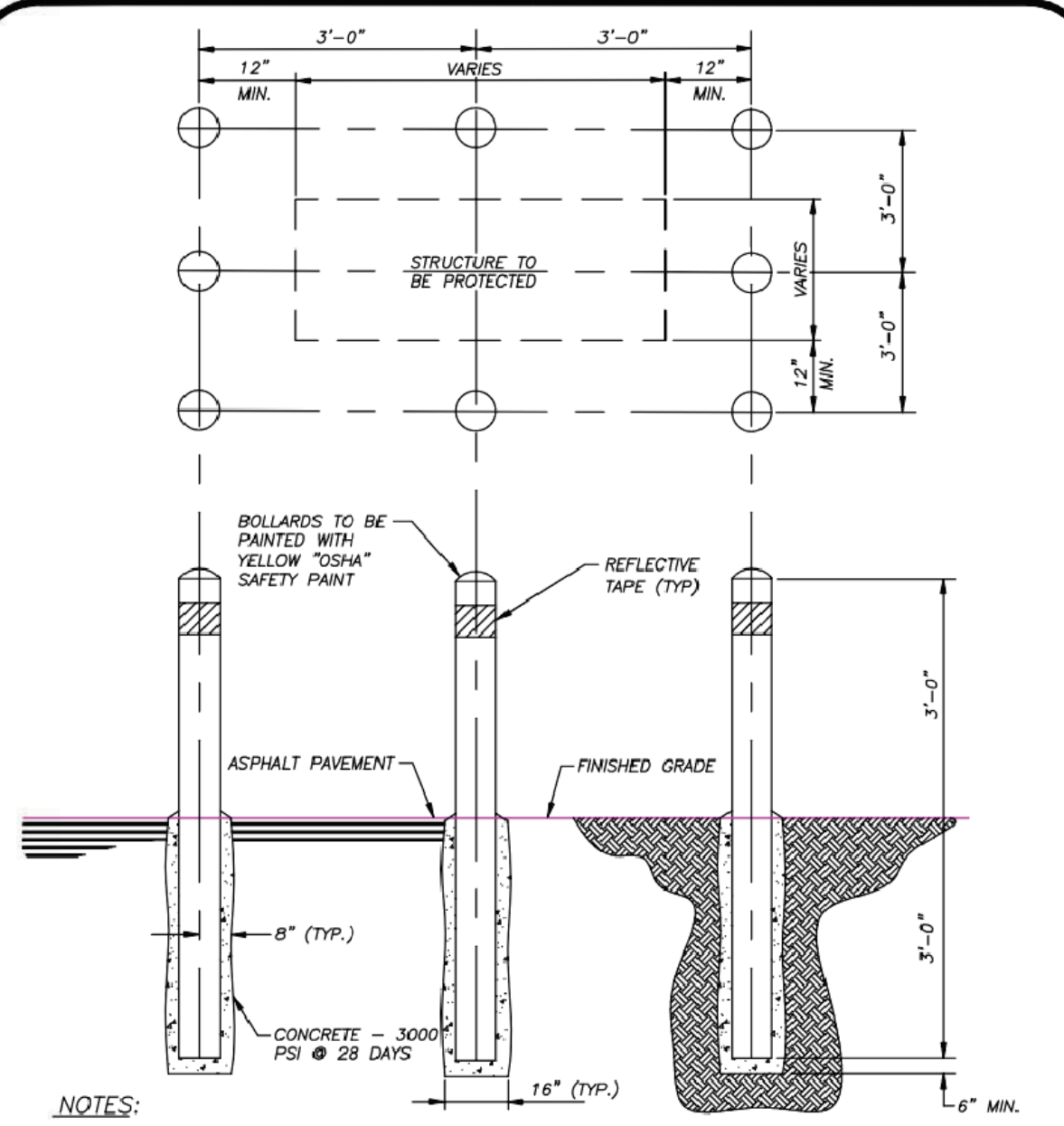
UTILITY CROSSING DETAIL				M-5	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					



- 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.

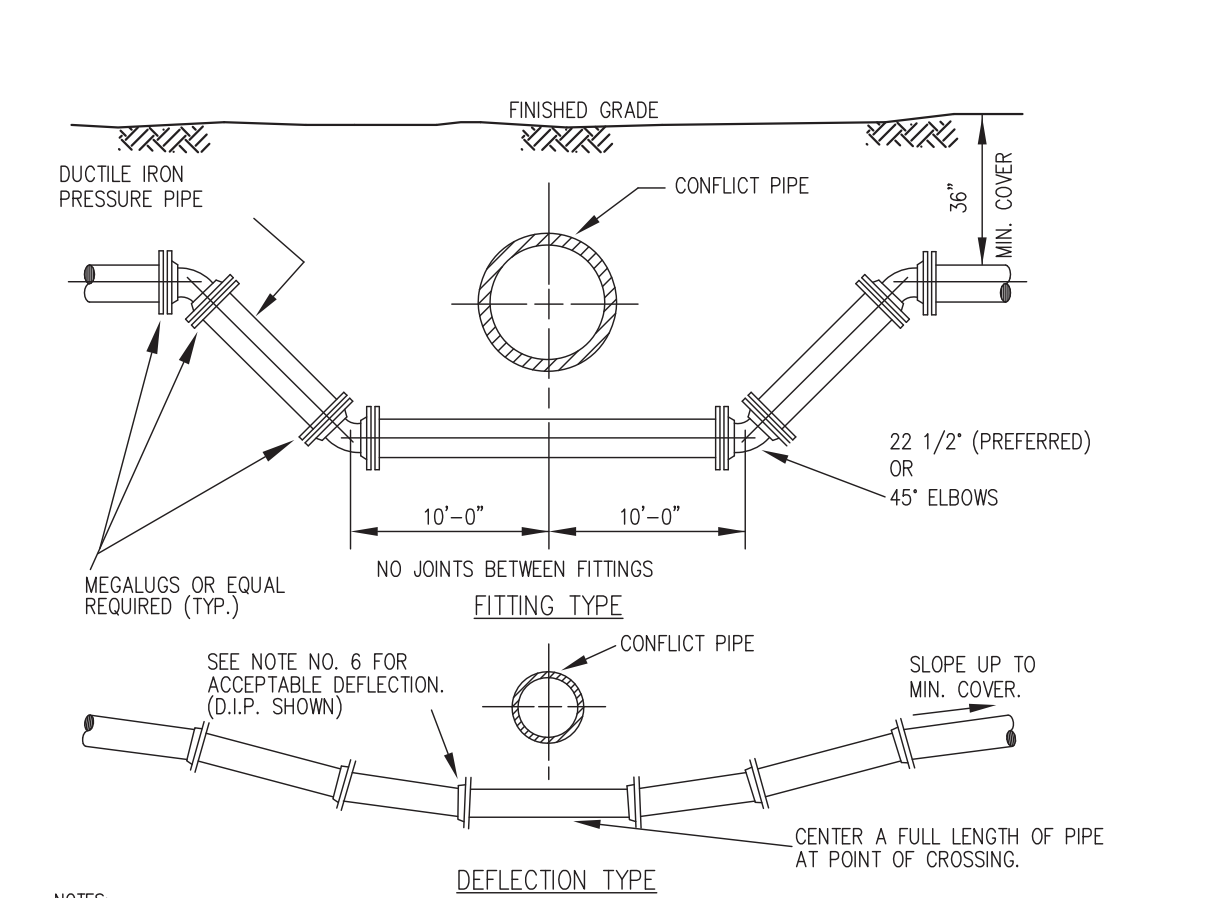
TYPICAL GATE VALVE & VALVE BOX DETAIL				M-6	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					



- 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 GLASS 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
N.T.S.

BOLLARD DETAIL				M-12	
DESIGNED BY	DATE	SCALE	SHEET	OF	TOTAL
JAC	2015	MISC. DETAILS 200602.DWG	1	OF	1
F.P.U.A. COMMUNITY PROUD FT. PIERCE UTILITIES AUTHORITY WATER/WASTEWATER ENGINEERING					



- NOTES:
1. STORM SEWER, GRAVITY WASTEWATER AND RECLAIMED WATER MAIN CROSSING UNDER POTABLE WATER MAINS SHALL BE LEAD 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 MAIN.
 3. FORCE MAIN CROSSING POTABLE WATER MAIN OR RECLAIMED WATER MAIN SHALL BE LEAD 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 DEFLECTION FOR DUCTILE IRON PIPE.
 7. ALL EXPOSED THE 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

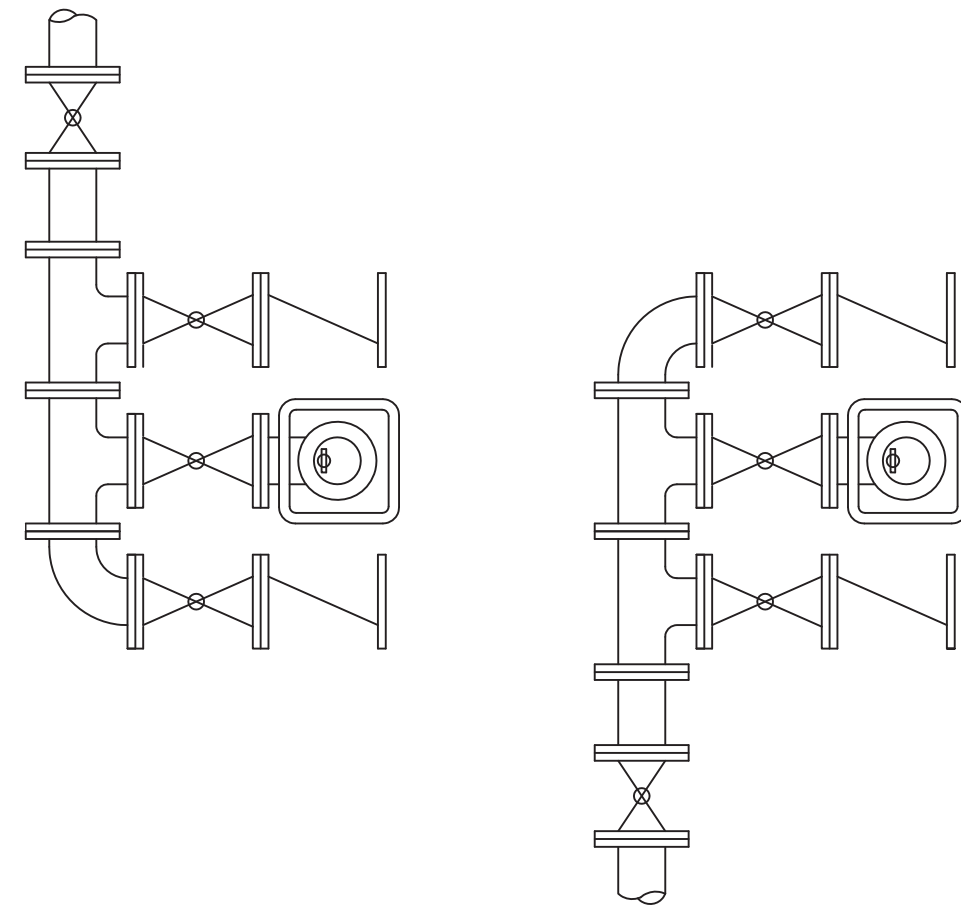
REVISIONS

Jeff H. Iravani, Inc.
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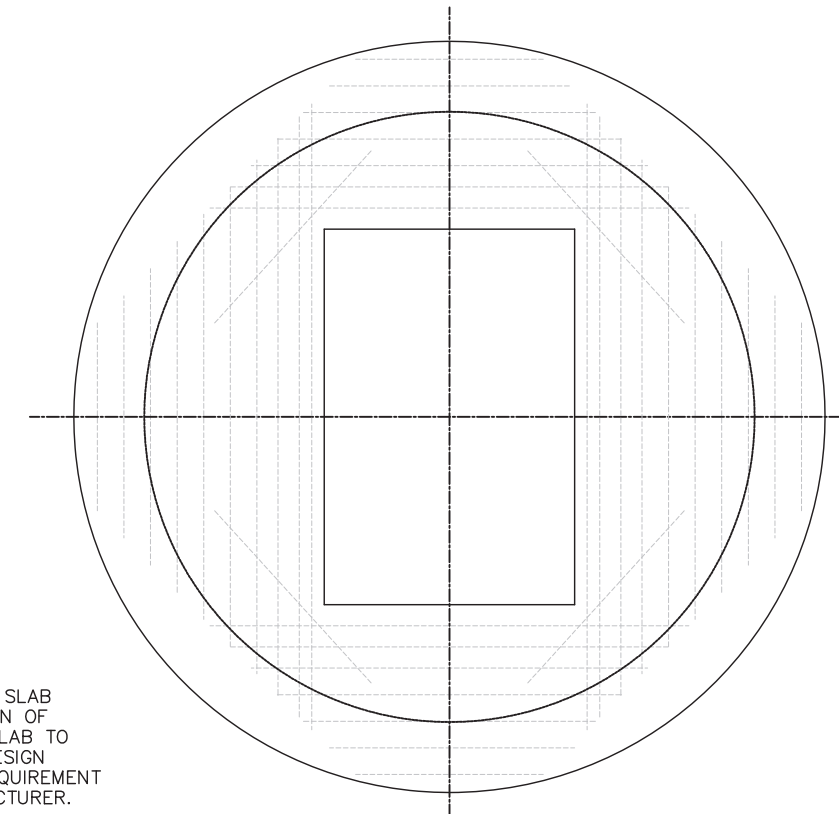
Amazon
Distribution Center
Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

WASTEWATER DETAILS	JOB NO.	SCALE	DATE	DESIGNED BY	DRAWN BY	DATE
	2509-1533	NA	12/24/2025	JHI	DDI	12/24/2025

Digitally signed by Jeff H. Iravani
Date: 2026.03.10 14:15:53 -04'00'
No. 23156
STATE OF FLORIDA
Professional Engineer
C-34



ALTERNATE SIDE
OUTLET CONFIGURATIONS



TOP SLAB DETAIL
N.T.S.

- NOTES:
1. ALL BARS IN TOP SLAB TO BE #5 LOCATION OF OPENING IN TOP SLAB TO BE VERIFIED BY DESIGN ENGINEER WITH REQUIREMENT OF PUMP MANUFACTURER.
 2. * - PER PUMP MANUFACTURER RECOMMENDATION.

PUMP SELECTION	
PRESS. IN EXIST. F.M.	87.4 FT
SUCTION LIFT	0 FT
STATION LOSS	5.0 FT
FRICTION LOSS	2.6 FT
STATIC HEAD	15.5 FT
T.D.H. (FEET)	110.5 FT

PUMP DATA	
MANUFACTURER:	BARNES SEWAGE PUMP
MODEL:	3XESHVRA/AE SERIES: 150 mm IMP
MOTORS:	30 HP, 460 VOLT, 3 PH, WIRE, 60 HZ.
PUMPS DELIVERING	206 G.P.M. AT 118 FT. T.D.H.
PUMPS DELIVERING	<input type="text"/> G.P.M. AT <input type="text"/> FT. T.D.H.

CONTRACTOR IS TO VERIFY THE AVAILABILITY OF TYPE OF POWER SPECIFIED ABOVE W/ POWER CO. & NOTIFY ENGINEER IF THE SPECIFIED POWER IS NOT AVAILABLE PRIOR TO ORDERING THE PUMP EQUIPMENTS.

PRIVATE LIFT STATION REQUIREMENTS:

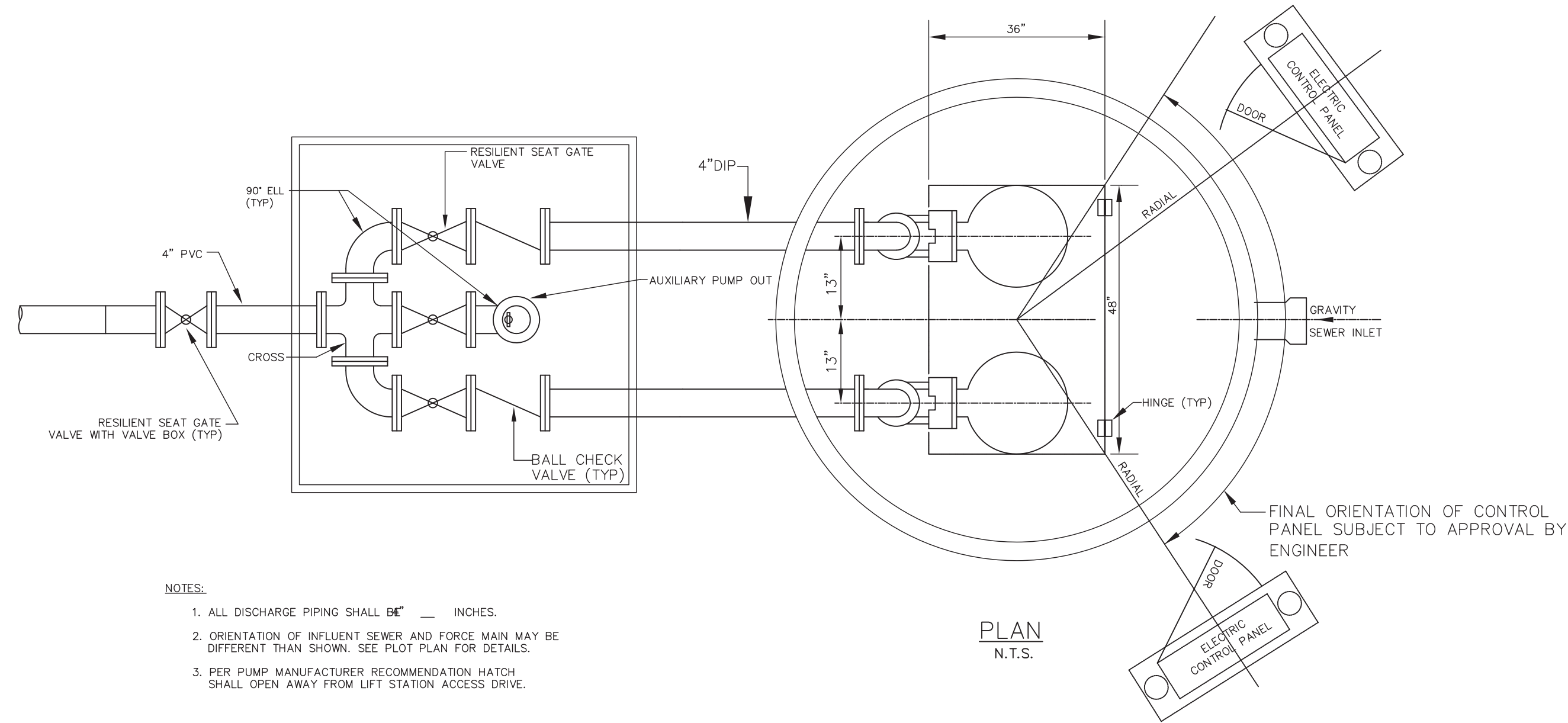
1. LIFT STATION IS TO BE PRIVATELY OWNED, OPERATED, AND MAINTAINED.
2. A COPY OF CONTRACT WITH SEPTIC TANK COMPANY FOR SERVICE IN CASE OF PUMP FAILURE OR OVERFLOW SHALL BE PROVIDED TO HEALTH DEPARTMENT AT TIME OF INSPECTION.
3. AN INSPECTION BY THE HEALTH DEPARTMENT IS REQUIRED PRIOR TO RELEASE.

IN CASE OF EMERGENCY
PLEASE CALL:

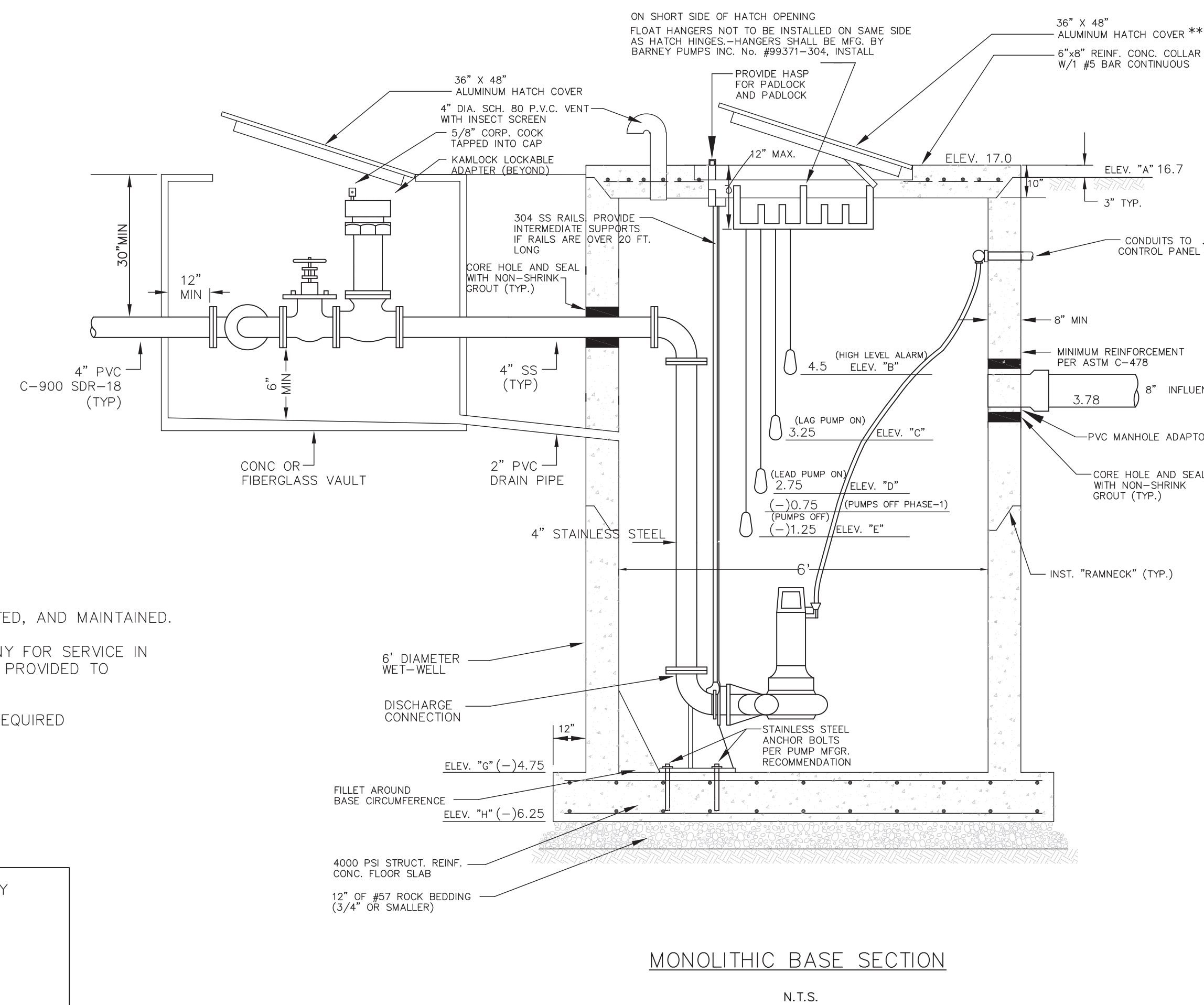
MANAGER'S NAME
PHONE

MAINTENANCE ENTITY NAME
PHONE

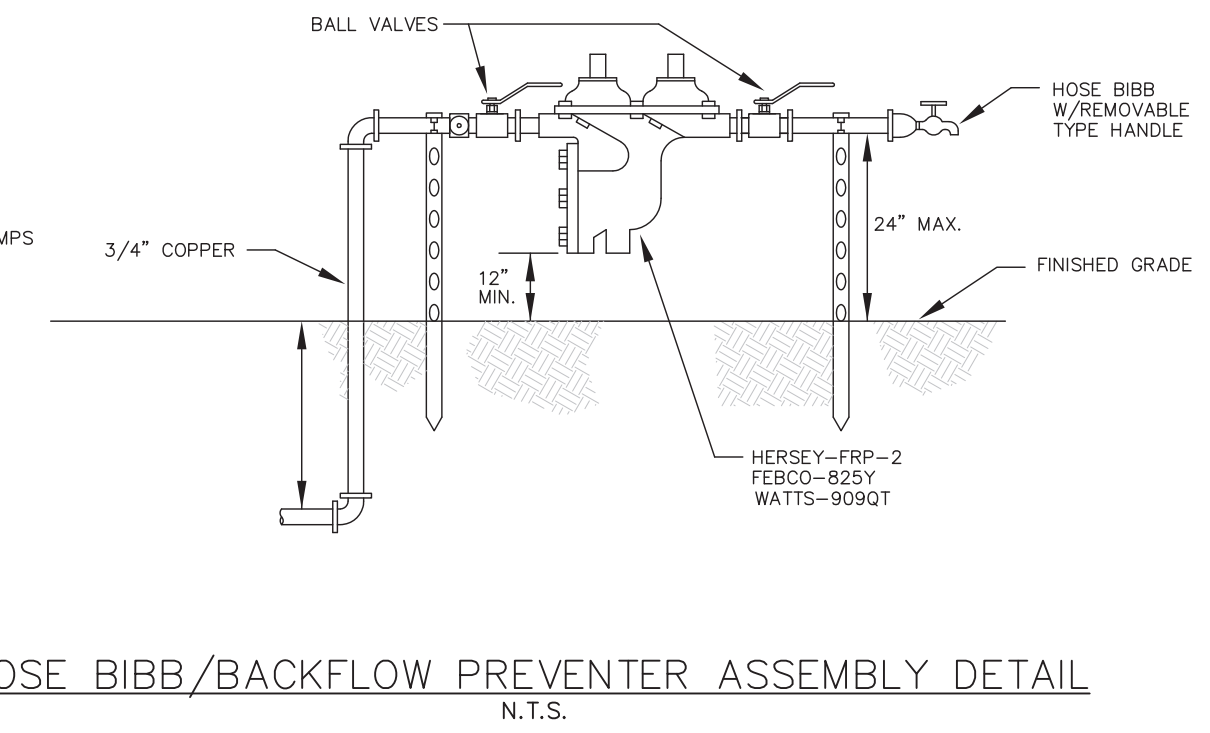
CONTRACTOR IS TO INSTALL ABOVE
NOTICE ON CONTROL PANEL.



- NOTES:
1. ALL DISCHARGE PIPING SHALL BE INCHES.
 2. ORIENTATION OF INFLUENT SEWER AND FORCE MAIN MAY BE DIFFERENT THAN SHOWN. SEE PLOT PLAN FOR DETAILS.
 3. PER PUMP MANUFACTURER RECOMMENDATION HATCH SHALL OPEN AWAY FROM LIFT STATION ACCESS DRIVE.



MONOLITHIC BASE SECTION
N.T.S.



HOSE BIBB/BACKFLOW PREVENTER ASSEMBLY DETAIL
N.T.S.

GENERAL SPECIFICATIONS

IT IS THE INTENT OF THIS STANDARD TO SPECIFY A TWO PUMP SUB-MERSIBLE LIFT STATION COMPLETE IN EVERY RESPECT WHETHER OR NOT COVERED BY SPECIFICATION OR THESE CONSTRUCTION DETAILS.

THE SURFACE OF THE LIFT STATION AND PAVED ACCESS ROADWAY SHALL BE SET AT PROPER ELEVATIONS SO THAT FUTURE ACCESS TO THE STATION WILL NOT BE IMPAIRED BY FLOODING, EXCESSIVE ROAD GRADES, SWALES, WALLS OR LANDSCAPING IN ANY MANNER.

THE CONTRACTOR SHALL COORDINATE WITH AND PAY ALL FEES, DEPOSITS, AND SERVICE COSTS TO FLORIDA POWER AND LIGHT CORP., TO BRING THREE (3) PHASE, FOUR (4) WIRE 230/120 VOLT (480 VOLTS WHEN REQUIRED) UNDERGROUND POWER SERVICE TO THE LIFT STATION SITE.

THE LIFT STATION AND APPURTENANCES SHALL INCLUDE ALL COUPLINGS, ANCHOR BOLTS, PIPING, VALVES, ELECTRICAL EQUIPMENT, ETC., REQUIRED FOR A COMPLETE WORKING INSTALLATION.

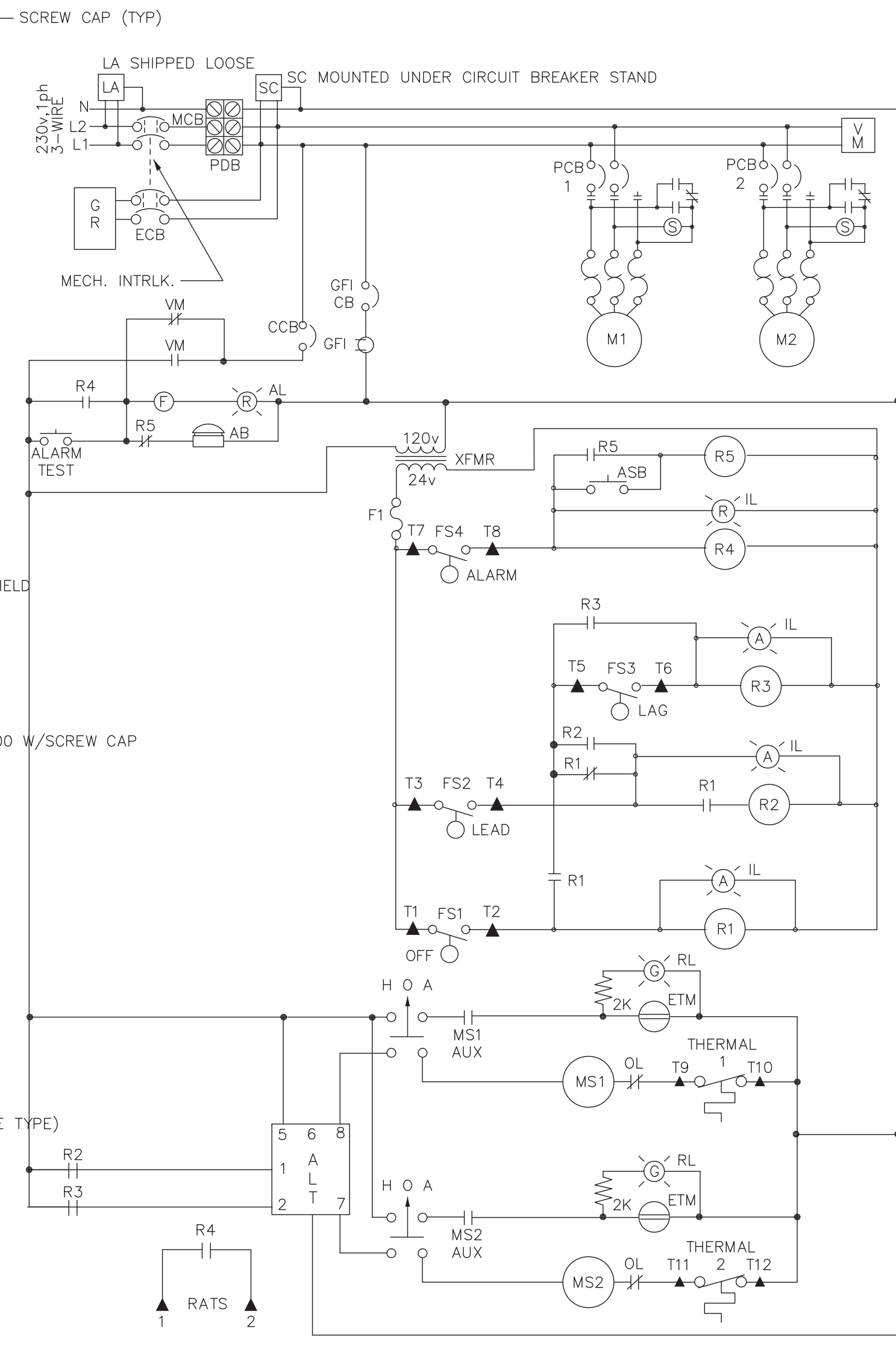
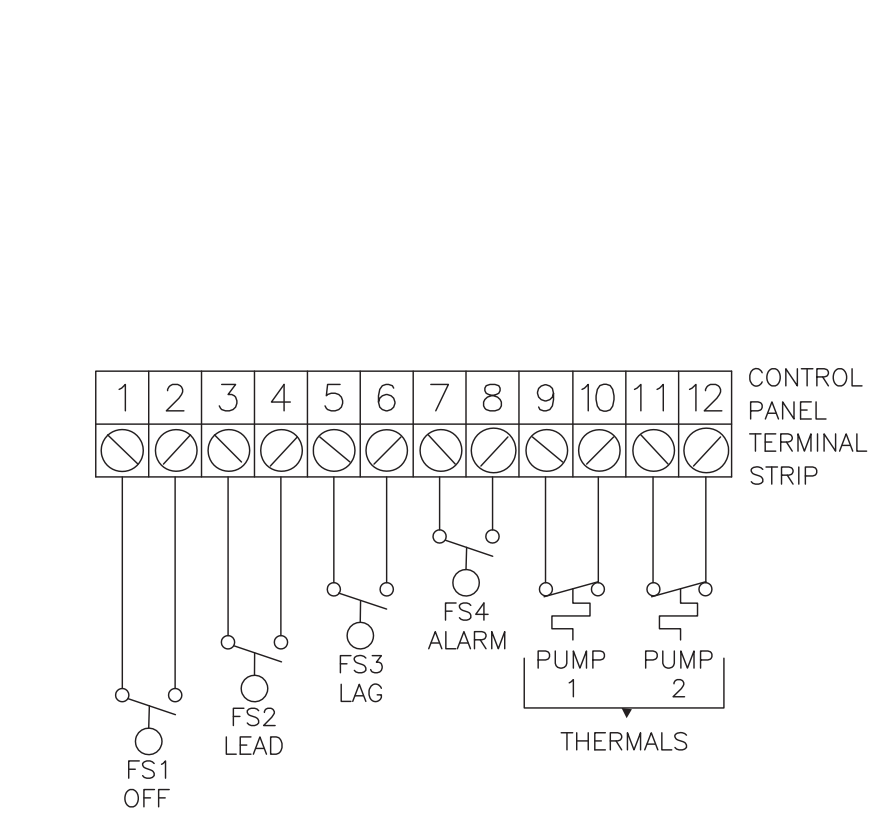
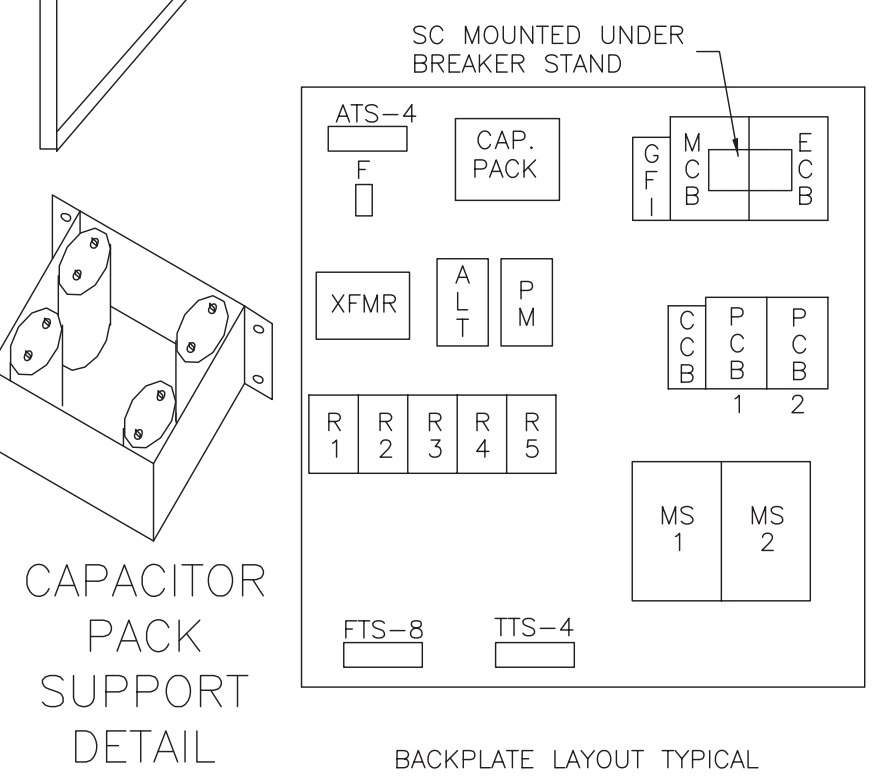
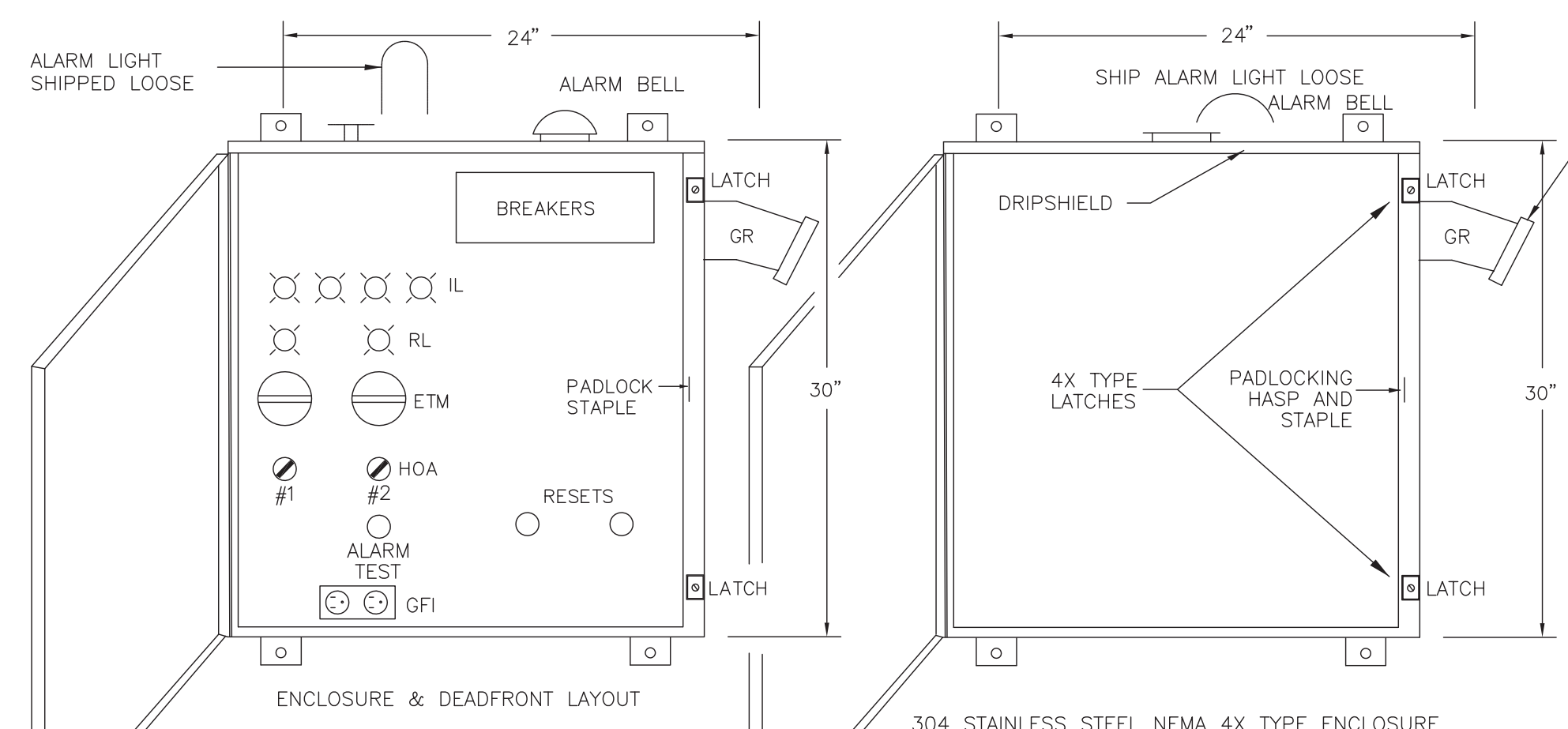
REVISIONS

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Fort Pierce, Florida

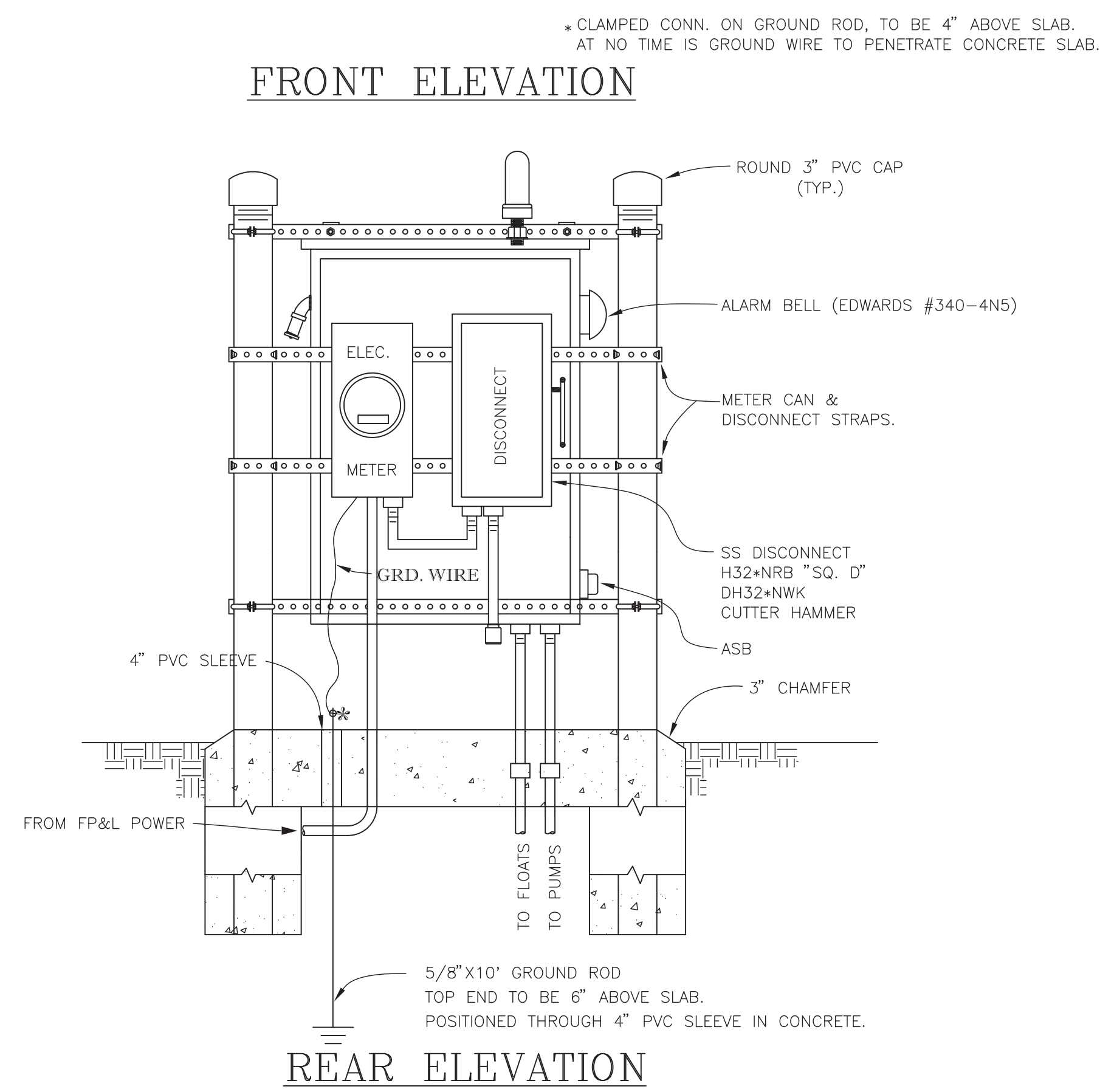
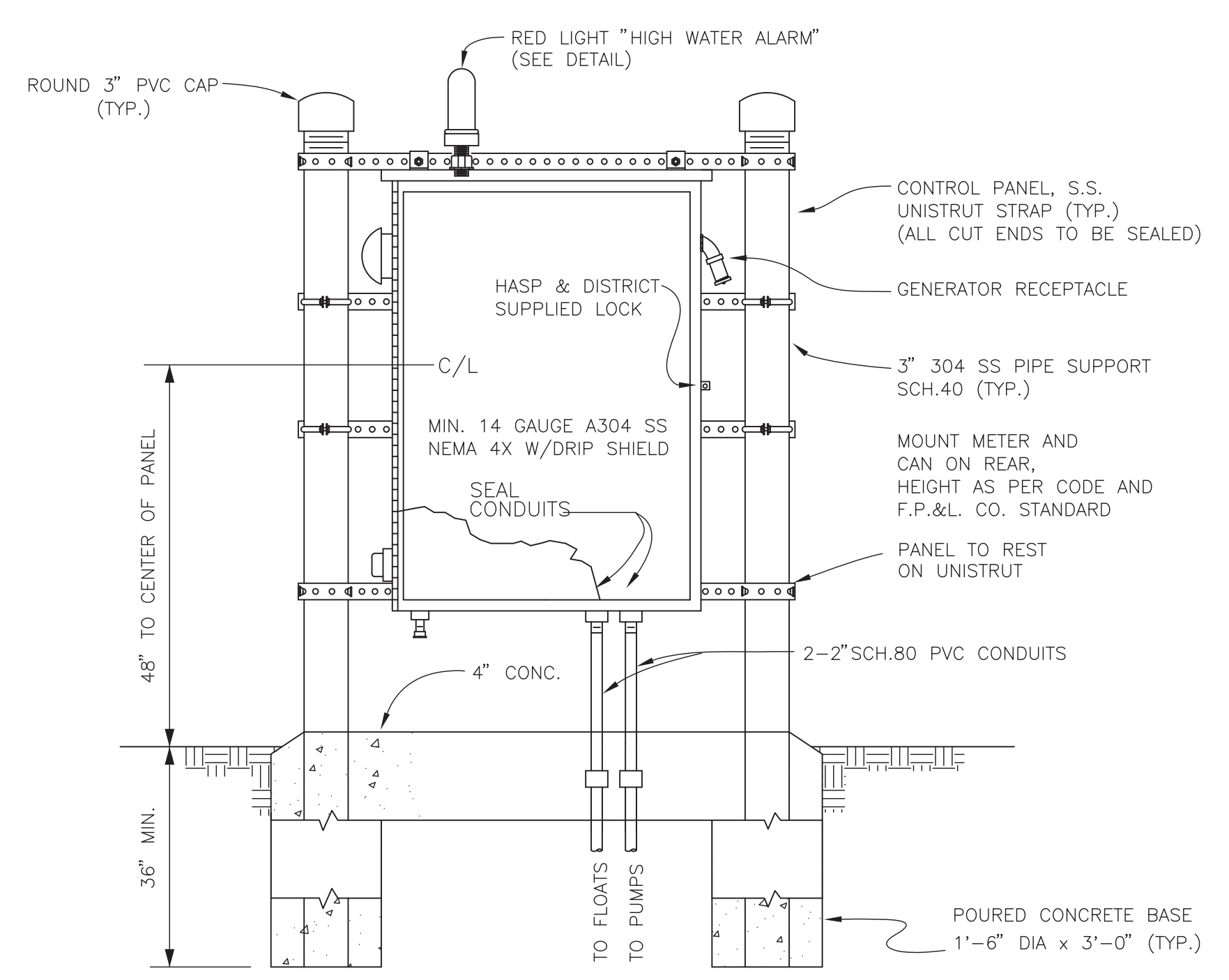
LIFT STATION DETAILS	
DATE	12/24/2025
SCALE	NA
DESIGNED BY	JHI
DRAWN BY	JHI
JOB NO.	2509-1533

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10 14:16:18
04'00'
SHEET NO.
C-35



- BILL OF MATERIALS**
- ENC 304 STAINLESS STEEL ENCLOSURE
 - MCB MAIN CIRCUIT BREAKER
 - ECB EMERGENCY CIRCUIT BREAKER
 - PCB1,2 PUMP CIRCUIT BREAKER
 - CCB CONTROL CIRCUIT BREAKER
 - GFCB GFI CIRCUIT BREAKER
 - MS1,2 STARTER
 - OL HEATER
 - XFMR TRANSFORMER
 - GR GENERATOR RECEPTACLE
 - VM VOLTAGE MONITOR
 - AL ALARM TEST PUSH BUTTON
 - AB ALARM BELL
 - F FLASHER
 - RL RUN LIGHT
 - IL INDICATING LIGHT
 - AMBER LENS
 - RED LENS
 - HOA HAND OFF AUTO SWITCH
 - ETM ELAPSED TIME METER
 - ALT ALTERNATOR
 - R1-5 CONTROL RELAY
 - F1 FUSE
 - F2 FUSE
 - GFI CONVENIENCE RECEPTACLES
 - LA LIGHTNING ARRESTOR
 - SC SURGE CAPACITOR
 - CAP. PACK: RUN CAP. START RELAY;
 - ASR ALARM SILENCE RELAY
 - * = OR APPROVED EQUAL

ELECTRICAL CONTROL PANEL SCHEMATIC



DUPLEX CONTROL PANEL DETAILS

REVISIONS

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Amazon
 Distribution Center
 Kings Highway Commerce Park
 Parcel-III
 Fort Pierce, Florida

LIFT STATION DETAILS

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/24/2025	NA	JHI	JHI	2509-1533

Digitally signed by
Jeff H. Iravani
 Date: 2026.03.10 14:16:51
 COA 6888-00
 SHEET NO. C-36

PRUIT RESEARCH CENTER ROAD
WHITE ROAD

WHITE ROAD

WHITE ROAD

50'X35' CONSTRUCTION ENTRANCE
12" DEEP #4 FDOT AGGREGATE

DRY DET-1 2.78 AC BTM EL 13.0
(BIO-SWALE)

CONST SILT FENCE
TYP

LAKE-1
2.59 AC
WATER EL 11.5



RECYCLE

Parcel-III
69.19 ac

BLDG
1,070,080 SF
60 KSF OFFICE
1,010 KSF WAREHOUSE

F.F.EL 21.92 FT, NAVD

OFFICE
F.F.EL 21.92 FT, NAVD

LAKE-2
2.94 AC
WATER EL 11.5



DRY DET-2 2.52 AC BTM EL 13.0

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

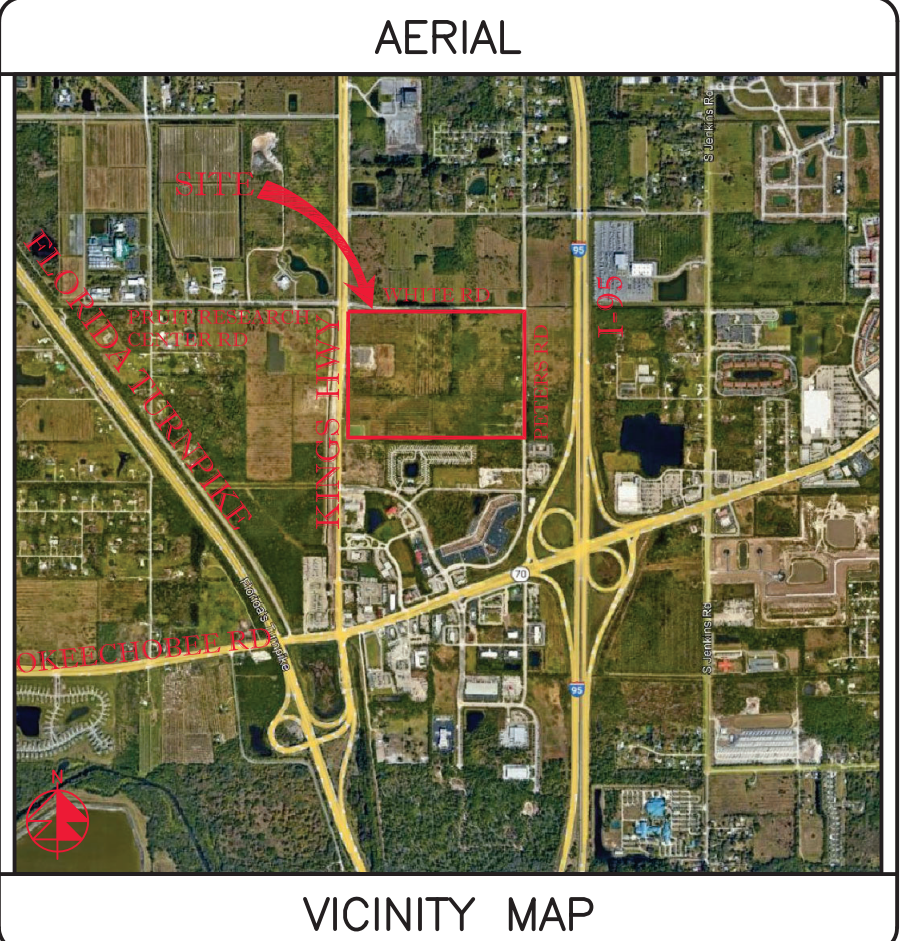
LAKE-3
1.83 AC
WATER EL 11.5



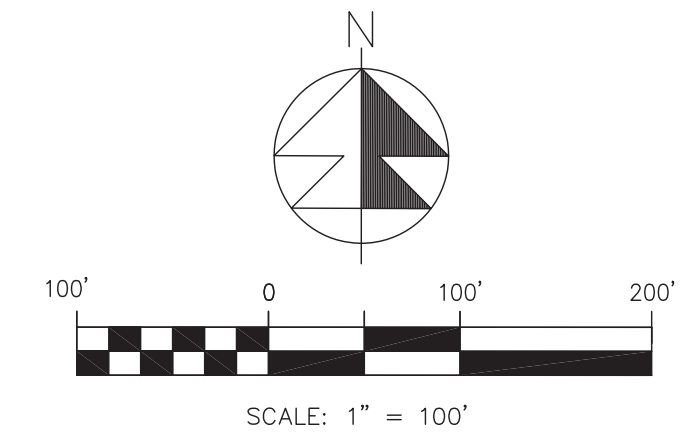
FUTURE AMAZON
PH-II
BLDG
530,230 SF
30 KSF OFFICE
500 KSF WAREHOUSE

Parcel-II
26.26 ac

Parcel-I
12.00 ac



SECTION 24, TWP 35S, RGE 39E



REVISIONS	
REV PER	FP 01/29/2026
REV PER	CITY 02/19/2026
REV PER	FD 02/24/2026
REV PER	FP 03/06/2026

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Distribution Center

Kings Highway Commerce Park
Parcel-III
Fort Pierce, Florida

Pollution Prevention Plan

DATE: 12/24/2025
DESIGNED BY: JHI
DRAWN BY: DDI
JOB NO.: 2409-1533

- NOTES:
- SILT FENCE SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION.
 - 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.
 - MINIMUM 6" DEEP #1 FDOT AGGREGATE SHALL BE INSTALLED AT THE CONSTRUCTION ENTRANCE PRIOR TO START OF CONSTRUCTION.
 - CONTRACTOR SHALL STABILIZE / SEED & MULCH ANY DISTURBED AREA WITH NO WITH NO CONSTRUCTION ACTIVITY IN 14 DAYS.
 - CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES FOR EROSION & SEDIMENTATION CONTROL PER FDEP GUIDELINE.
 - ALL LAKES SHALL BE EXCAVATED WET WITH NO DEWATERING.
 - ALL DEWATERING DISCHARGE SHALL BE KEPT ON SITE.

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

LEGEND	
⊙ 19.7	PROP PAVT 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
HYD	FIRE HYDRANT
GV	GATE VALVE
CV	CHECK VALVE
SC	SIAMENSE CONN.
DCV	DOUBLE DETECTOR CHECK VALVE
WMT	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
SP	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.LEL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOP OF SLOPE
TOC	TOP OF CONCRETE
TV	TAPPING VALVE
CO	CLEANOUT
B	BORING NO. AND LOCATION
AE	APPROVED EQUIVALENT

Digitally signed by
Jeff H. Iravani
Date: 2026.03.10
14:17:52
-04'00'

COA 6286
SHEET NO. C-38