



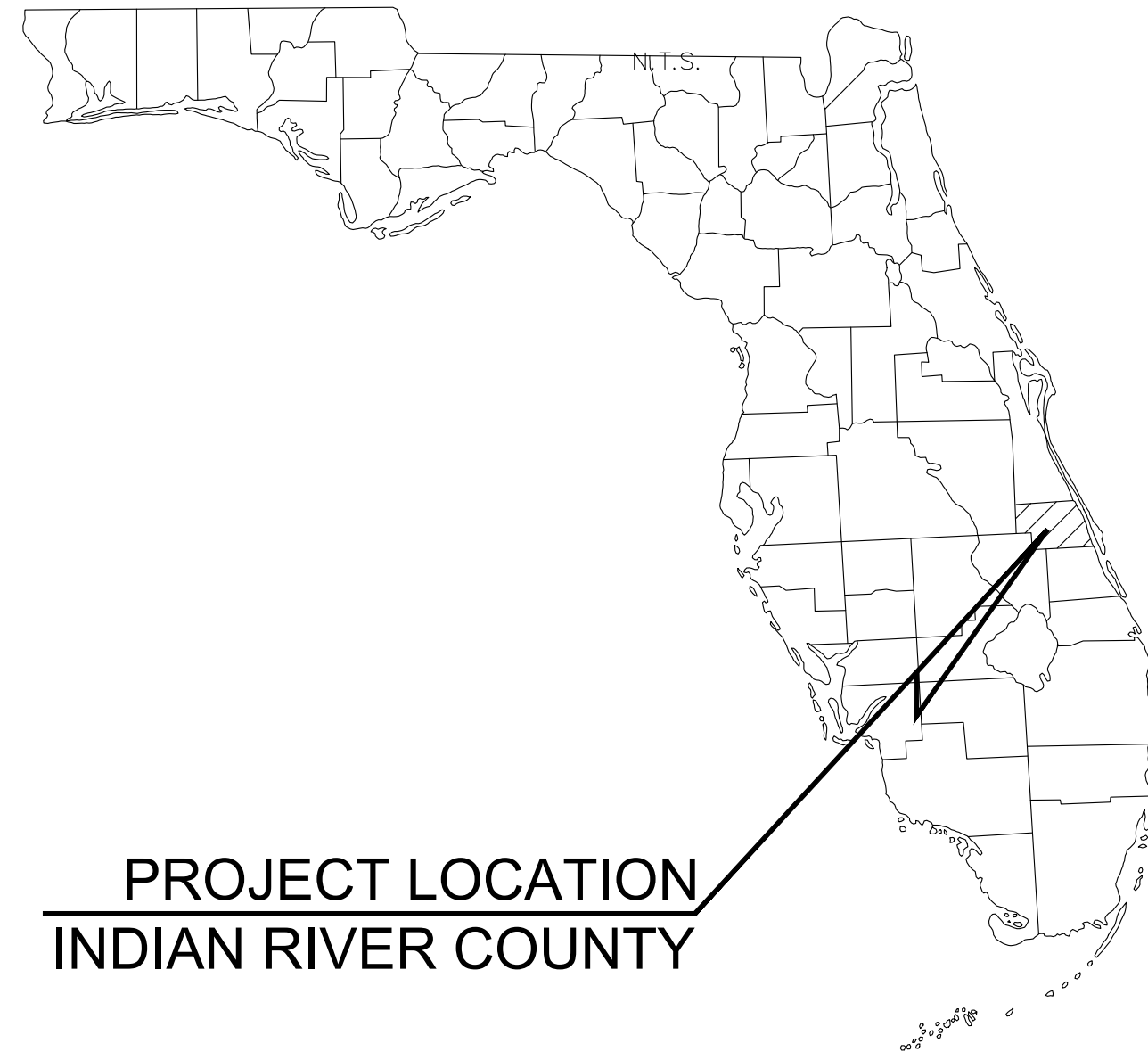
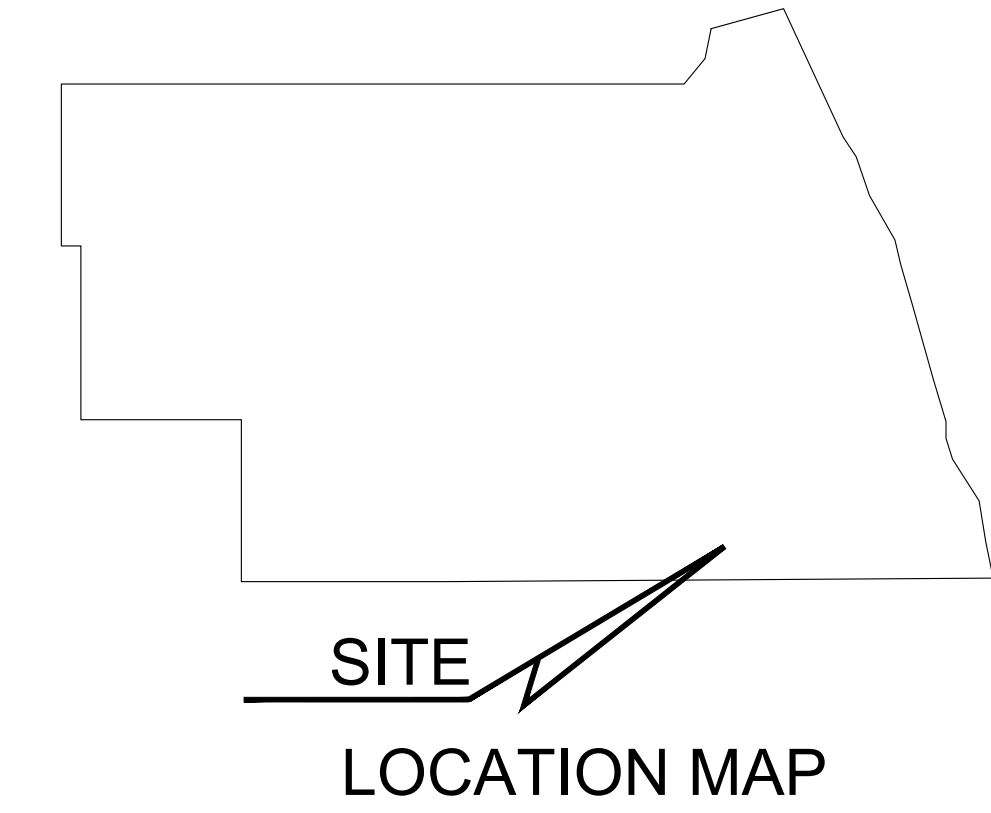
IRC LANDFILL IMPROVEMENTS

1325 74TH AVENUE SW, VERO BEACH, FL 32968
INDIAN RIVER COUNTY

TAX PARCEL ID: 33-38-25-00001-0090-00001.0

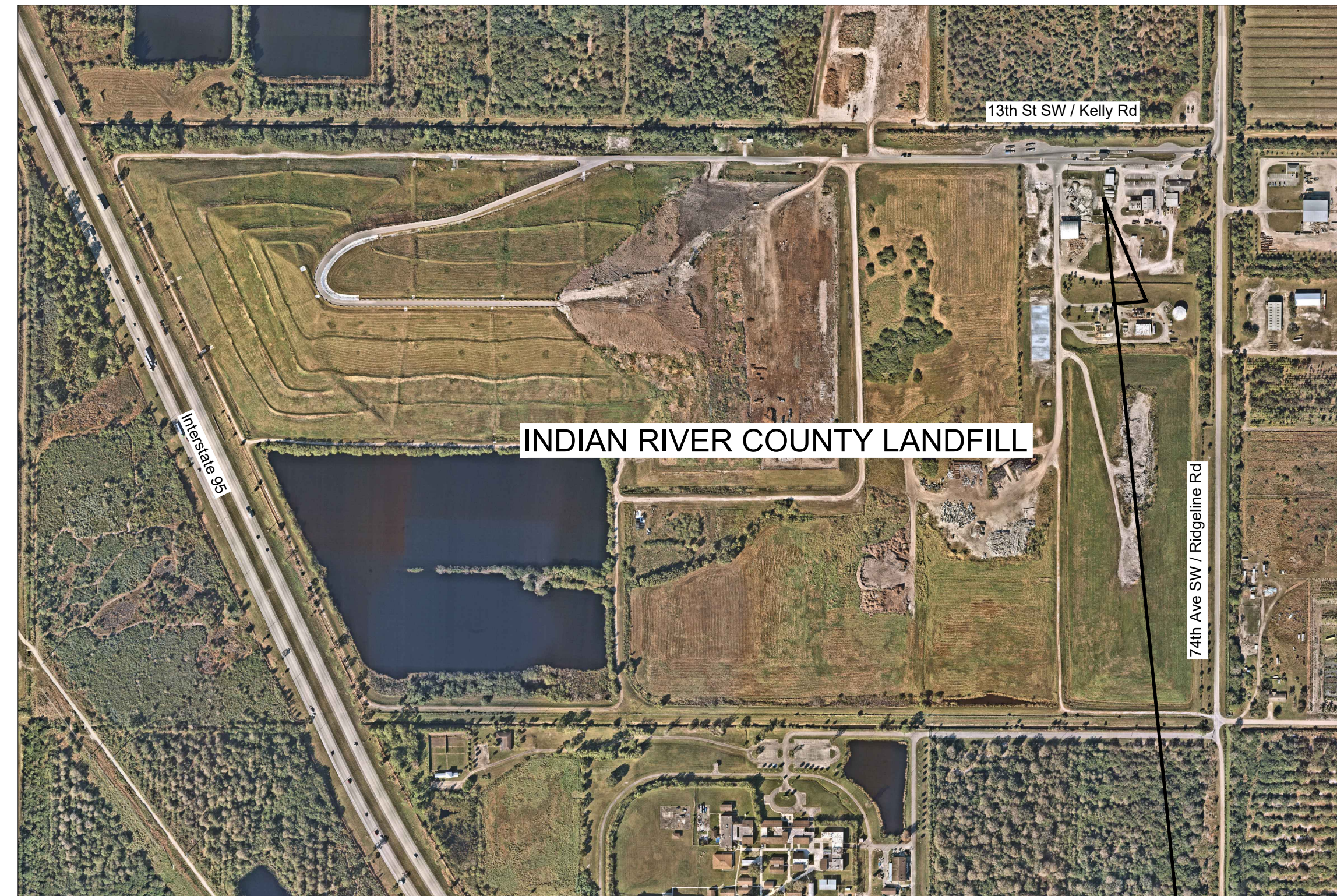
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SEPTEMBER 2023



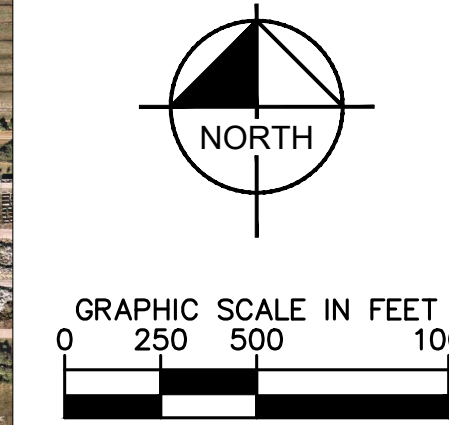
PROJECT LOCATION
INDIAN RIVER COUNTY

**ISSUED FOR BID
NO. 2024-023**



INDIAN RIVER COUNTY LANDFILL

VICINITY MAP



SUBJECT PROPERTY

LIST OF CONTACTS:

STORMWATER

ST. JOHN RIVER
WATER MANAGEMENT DISTRICT
525 COMMUNITY COLLEGE PARKWAY
PALM BAY, FL 32909
321-676-6602
CONTACT: MARK CROSBY

WATER AND SEWER

INDIAN RIVER COUNTY
DEPARTMENT OF UTILITY SERVICES
1801 27TH STREET
VERO BEACH, FL 32960
772-226-1824
CONTACT: KEVIN OSTHUS

FIRE PREVENTION

INDIAN RIVER COUNTY
FIRE DEPARTMENT
1800 27TH STREET
VERO BEACH, FL 32960
772-567-3160 X109
CONTACT: LT. SANDRA SEELEY, FIRE CHIEF

ENGINEERING

INDIAN RIVER COUNTY
PUBLIC WORKS DEPARTMENT
1800 27TH STREET
VERO BEACH, FL 32960
772-226-1283
CONTACT: RICH SZPYRKA

NATURAL GAS PROVIDER

CITY GAS COMPANY FLORIDA
4180 S. U.S. HWY 1
ROCKLEDGE, FLORIDA 32955
321-638-3419
CONTACT: HOLLY COOMBS

OWNER:

INDIAN RIVER COUNTY
1325 74TH AVENUE SW
VERO BEACH, FLORIDA 32968
772-226-3212

PLANNING AND ZONING

INDIAN RIVER COUNTY
PLANNING DEPARTMENT
1801 27TH STREET
VERO BEACH, FL 32960
772-226-1235
CONTACT: RYAN SWEENEY

BUILDING DIVISION

INDIAN RIVER COUNTY
BUILDING DEPARTMENT
1801 27TH STREET
VERO BEACH, FL 32960
772-226-1288
CONTACT: SCOTT MCADAMS

TELEPHONE PROVIDER

AT&T DISTRIBUTION
600 NW 79th AVE
ROOM 336
MIAMI, FL 33126
305-260-8243
CONTACT: DINNO FARRUGGIO

ELECTRIC PROVIDER

FLORIDA POWER AND LIGHT
425 N WILLIAMSON BLVD.
DAYTONA BEACH, FL 32114
772-489-6212
CONTACT: SEANA FALVEY

FLORIDA DEPARTMENT OF TRANSPORTATION

DISTRICT FOUR
3400 WEST COMMERCIAL BLVD
FT. LAUDERDALE, FL 33309
954-777-4377
CONTACT: CHRISTINE NABONG BACOMO

INDIAN RIVER FARMS WATER CONTROL DISTRICT

7305 4TH STREET
VERO BEACH, FL 32968
772-562-2141
CONTACT: DAVID GUNTER

LIST OF CONTACTS:

SURVEYOR

DAVID TAYLOR, P.S.M.
MASTELLER, MOLER & TAYLOR, INC.
1655 27TH STREET, SUITE 2
VERO BEACH, FL 32960
PHONE: 772-564-8050

LANDSCAPE ARCHITECT

BEN JOHNSON, P.L.A.
KIMLEY-HORN AND ASSOCIATES, INC.
445 24th STREET SUITE 200
VERO BEACH, FL 32960
PHONE: 772-794-4100

CIVIL ENGINEER

BARTON FYE, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
355 ALHAMBRA CIR #1400
CORAL GABLES, FL 33134
PHONE: 305-535-7712

GEOTECHNICAL ENGINEER

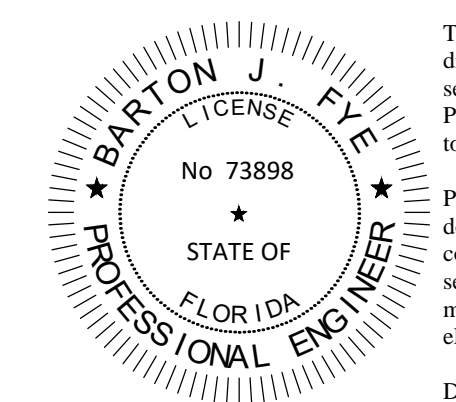
KSM ENGINEERING AND TESTING
11345 US HIGHWAY 1
SEBASTIAN, FL 32958
PHONE: 772-589-0712

BOARD OF COUNTY COMMISSIONERS

SUSAN ADAMS	DISTRICT 1
JOSEPH E. FLESCHER	DISTRICT 2
JOE EARMAN	DISTRICT 3
DERYL LOAR	DISTRICT 4
LAURA MOSS	DISTRICT 5



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445 24TH STREET SUITE 200 VERO BEACH FL 32960
PHONE: 772-794-4100



This item has been digitally signed and sealed by Barton J. Fye, P.E. on the date adjacent to the seal.

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

Date: 10/30/2023



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KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	---
DRAWN BY	JSW
CHECKED BY	---
LICENSED PROFESSIONAL	---

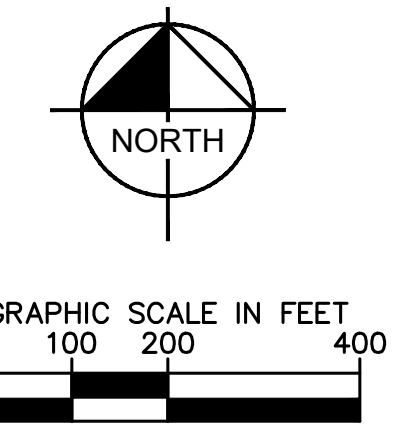
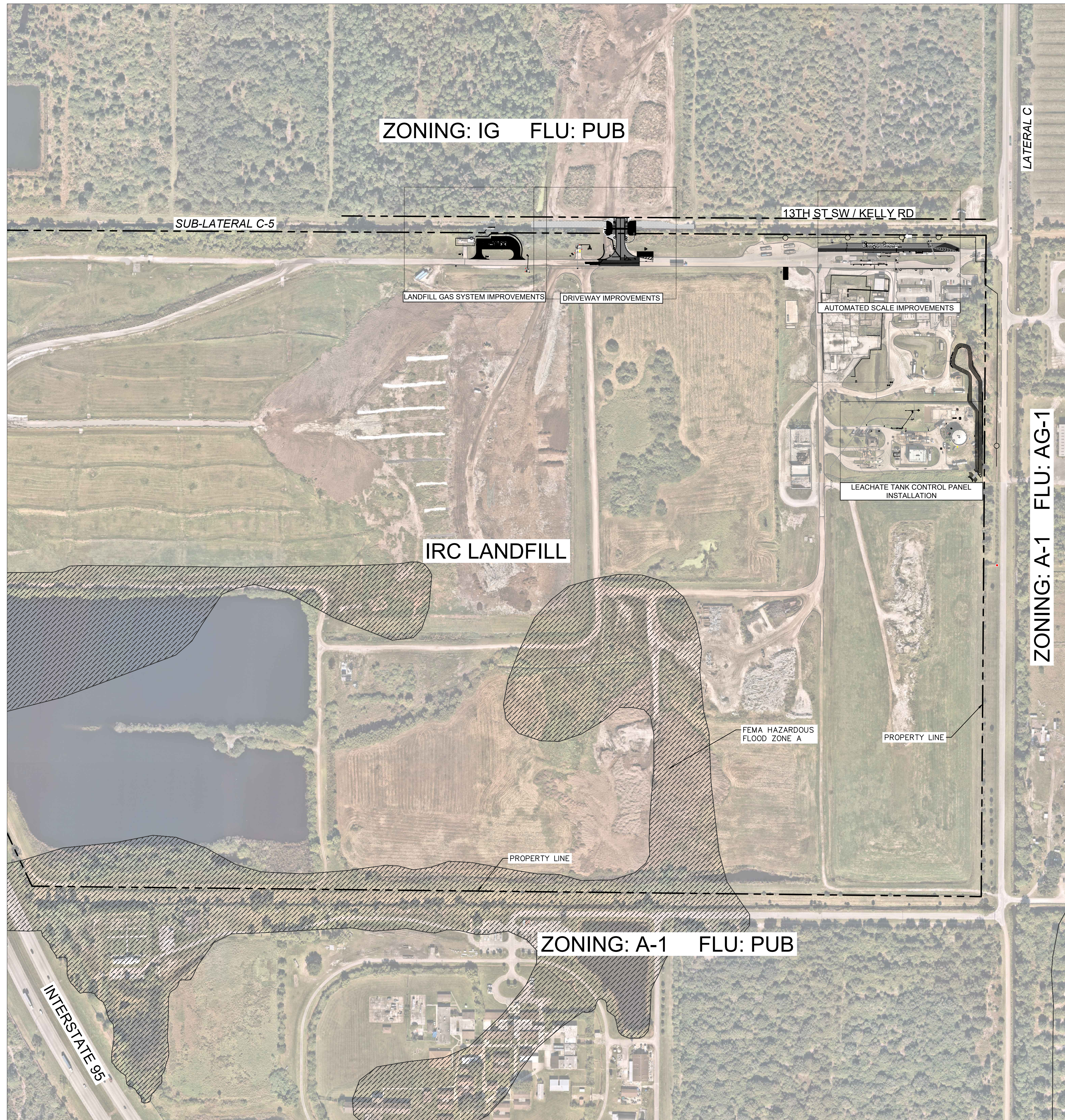
COVER SHEET

IRC LANDFILL IMPROVEMENTS
PREPARED FOR
INDIAN RIVER COUNTY
FLORIDA

SHEET NUMBER
G-100

Plotted By: Blum, Brandon. Sheet: 047035127. Layout: G-100. Cover: Sheet. October 10, 2023. 12:53:17pm. K:\VRB_MaterialResources\047035125 - IRC Landfill Improvements\CADD\PlanSheets\C-100_Cover_Sheet.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

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PROJECT LOCATION
 1325 74TH AVENUE SW, VERO BEACH, FL 32968
 SECTION 25, TOWNSHIP 33, RANGE 38, INDIAN RIVER COUNTY, FL
 TAX PARCEL ID: 33-38-25-00001-0090-00001.0

ZONING
 EXISTING: A-1 (AGRICULTURAL-1)
 PROPOSED: A-1 (AGRICULTURAL-1)
ADJACENT PROPERTIES:
 NORTH: IG (GENERAL INDUSTRIAL DISTRICT)
 SOUTH: A-1 (AGRICULTURAL-1)
 EAST: A-1 (AGRICULTURAL-1)
 WEST: A-2 (AGRICULTURAL-2)

FUTURE LAND USE
 EXISTING: PUB (PUBLIC FACILITIES)
 PROPOSED: PUB (PUBLIC FACILITIES)
ADJACENT PROPERTIES:
 NORTH: C1 (COMMERCIAL/INDUSTRIAL)
 SOUTH: PUB (PUBLIC FACILITIES)
 EAST: AG-1 (AGRICULTURAL-1 (1 UNIT/5 ACRES))
 WEST: AG-2 (AGRICULTURAL-2 (1 UNIT/10 ACRES))

BENCHMARK NOTE:
 THE PRIMARY BENCHMARK UTILIZED FOR THIS SURVEY IS IRC BM267009.
 ELEVATION 20.50' (SEE CEC TOPOGRAPHIC SURVEY SHEET 1).

UTILITY PROVIDERS:
 THE PROJECT WILL BE SERVED BY:
 WATER/SEWER: INDIAN RIVER COUNTY
 ELECTRIC: FLORIDA POWER AND LIGHT

FLOOD ELEVATION
 F.I.R.M NO.: 12061C0355H
 EFFECTIVE DATE: 12/04/2012
 SPECIAL FLOOD HAZARD AREA ZONE: ZONE X/ZONE A
 BASE FLOOD ELEVATION: N/A

BUILDING HEIGHT
 BUILDING HEIGHT: 33.0' (MAX. 35.0' ALLOWED)

SITE AREA	EXISTING*		PHASE 1		PHASE 2		FINAL		AC	Pot
	SF	SF	SF	SF	SF	SF	SF			
BUILDING COVERAGE AREA	49,418	1,792	0	51,210	1.176	0.45%				
IMPERVIOUS AREA	1,537,411	34,185	3,878	1,575,474	36.168	13.97%				
PERVIOUS AREA										
NATURAL/UNPAVED	9,375,915	-50,640	-13,877	9,311,398	213.760	82.57%				
GRAVEL (SEE NOTE)	314,428	14,663	9,999	339,090	7.784	3.01%				
TOTAL AREA				11,277,172	258.888	100.00%				

*EXISTING AREAS APPROXIMATED BASED ON AERIAL IMAGERY AND RECENT PLANS
 NOTE: 70% IMPERVIOUS FOR STORMWATER CALCULATIONS

PERIMETER SETBACK

	REQUIRED	EXISTING	PROPOSED
NORTH (SIDE)	30 FT	352 FT	N/A (NO CHANGES PROPOSED)
EAST (FRONT)	30 FT	467.5 FT	N/A (NO CHANGES PROPOSED)
SOUTH (SIDE)	30 FT	2,085.5 FT	N/A (NO CHANGES PROPOSED)
WEST (REAR)	30 FT	4,029 FT	N/A (NO CHANGES PROPOSED)

PARKING SPACE SUMMARY

	REQUIRED	EXISTING	PROPOSED
STANDARD	N/A	10	N/A (NO CHANGES PROPOSED)
ACCESSIBLE	N/A	1	N/A (NO CHANGES PROPOSED)
TOTAL	N/A	11	N/A (NO CHANGES PROPOSED)

STORMWATER DETENTION
 NET CHANGE IN DRY DETENTION AREA: 13020 SF (0.299 AC)

- JURISDICTIONAL AGENCY PERMITS**
- FDEP - LANDFILL OPERATIONS PERMIT
 - INDIAN RIVER COUNTY - TYPE "A" STORMWATER PERMIT
 - INDIAN RIVER COUNTY - TREE REMOVAL PERMIT
 - INDIAN RIVER COUNTY - IRC LAND CLEARING
 - INDIAN RIVER COUNTY - IRC MAJOR SITE PLAN
 - INDIAN RIVER COUNTY - UTILITY CONSTRUCTION PERMIT

INDIAN FARMS WATER CONTROL DISTRICT

LEGEND

	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	FEMA HAZARDOUS FLOOD ZONE A F.I.R.M. NO.: 12061C0355H
	PROPERTY LINE

NO.	REVISIONS	DATE	BY

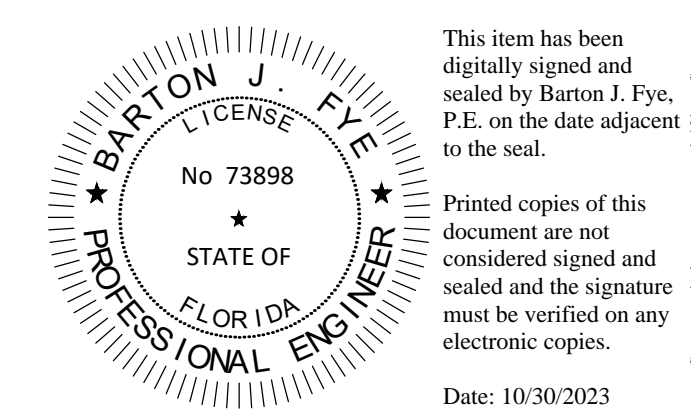
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 PHONE: 772-794-4100
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LICENSED PROFESSIONAL

KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	---
DRAWN BY	JSW
CHECKED BY	---
DATE:	---

OVERALL SITE PLAN

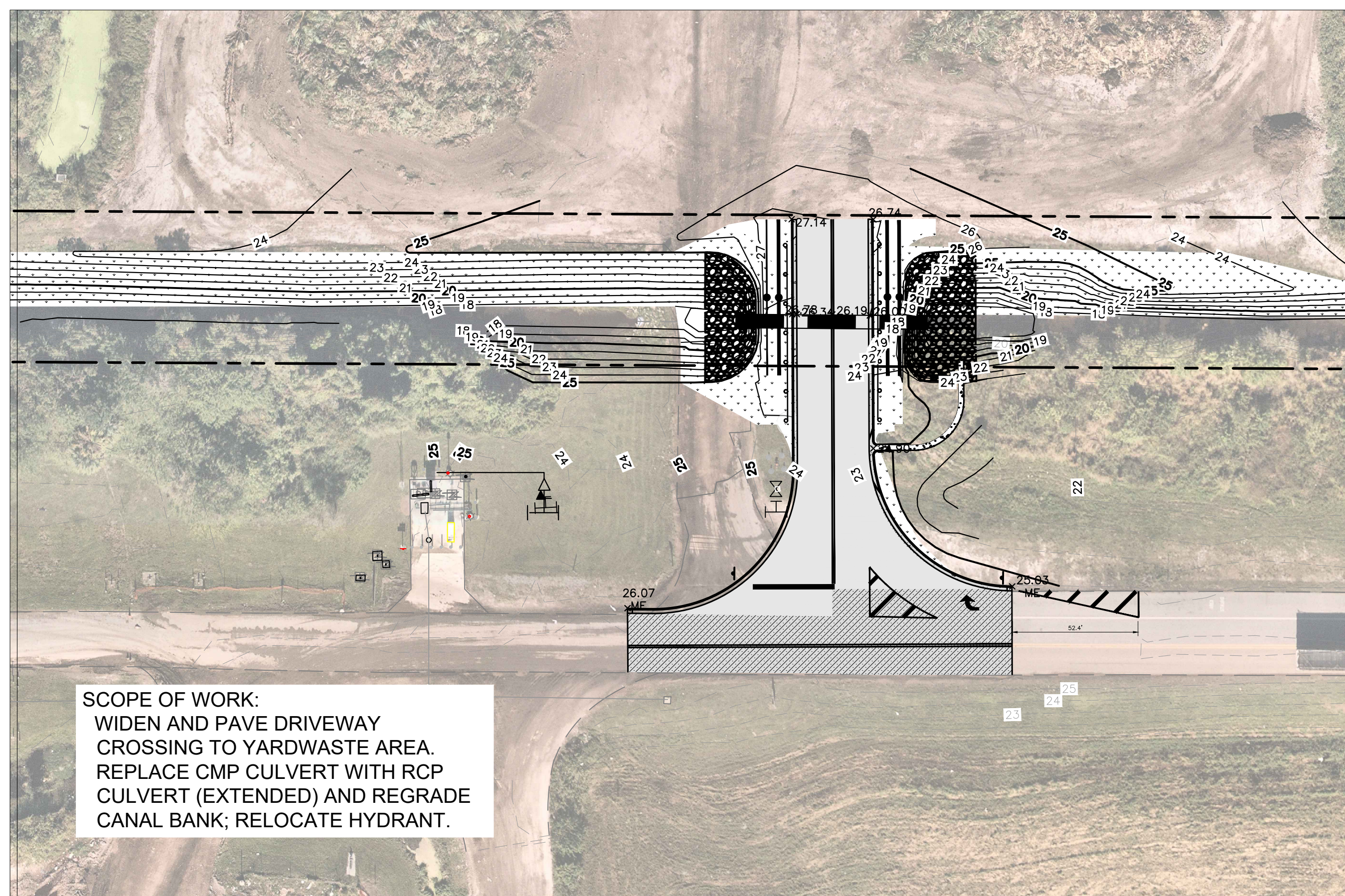
IRC LANDFILL IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA



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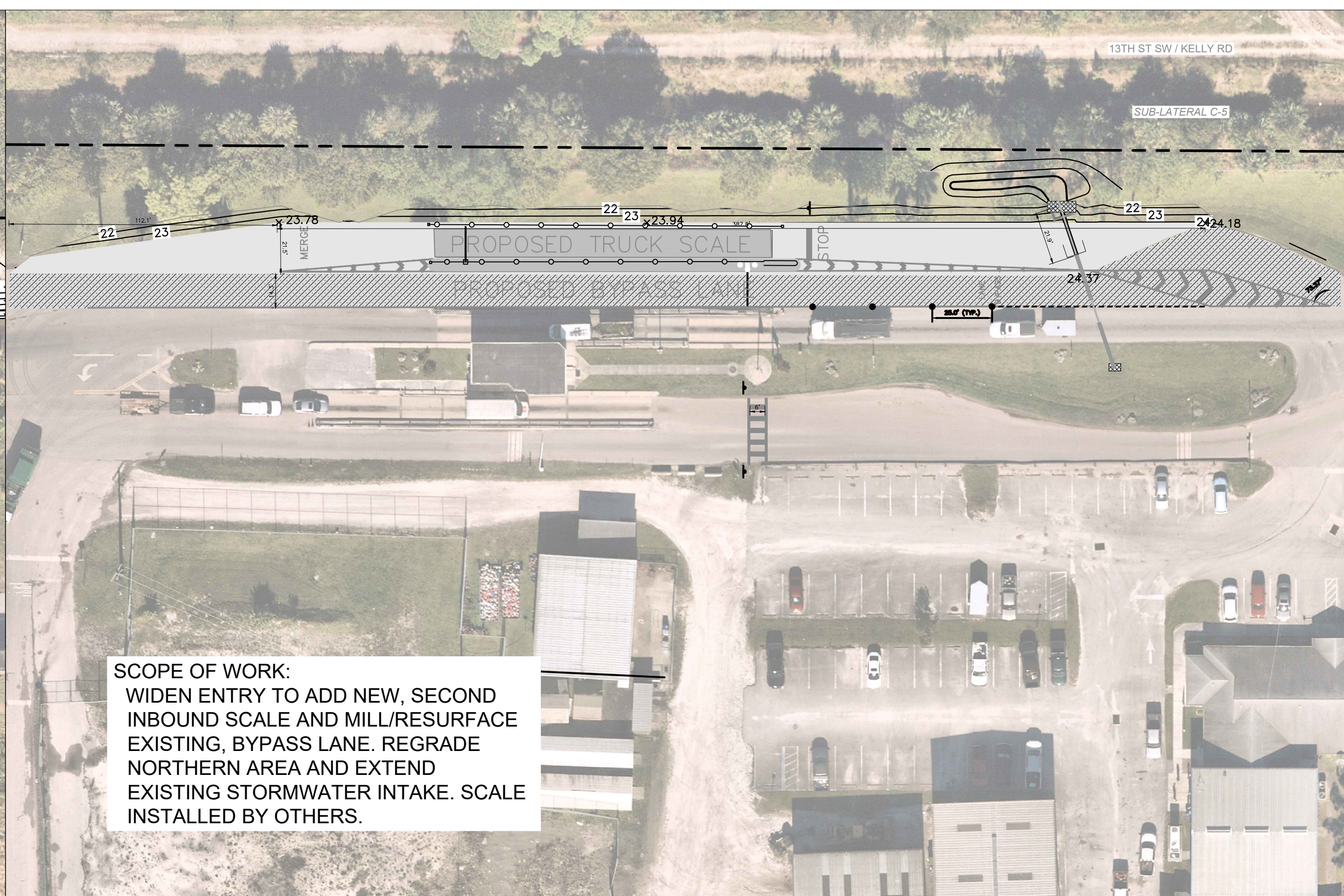
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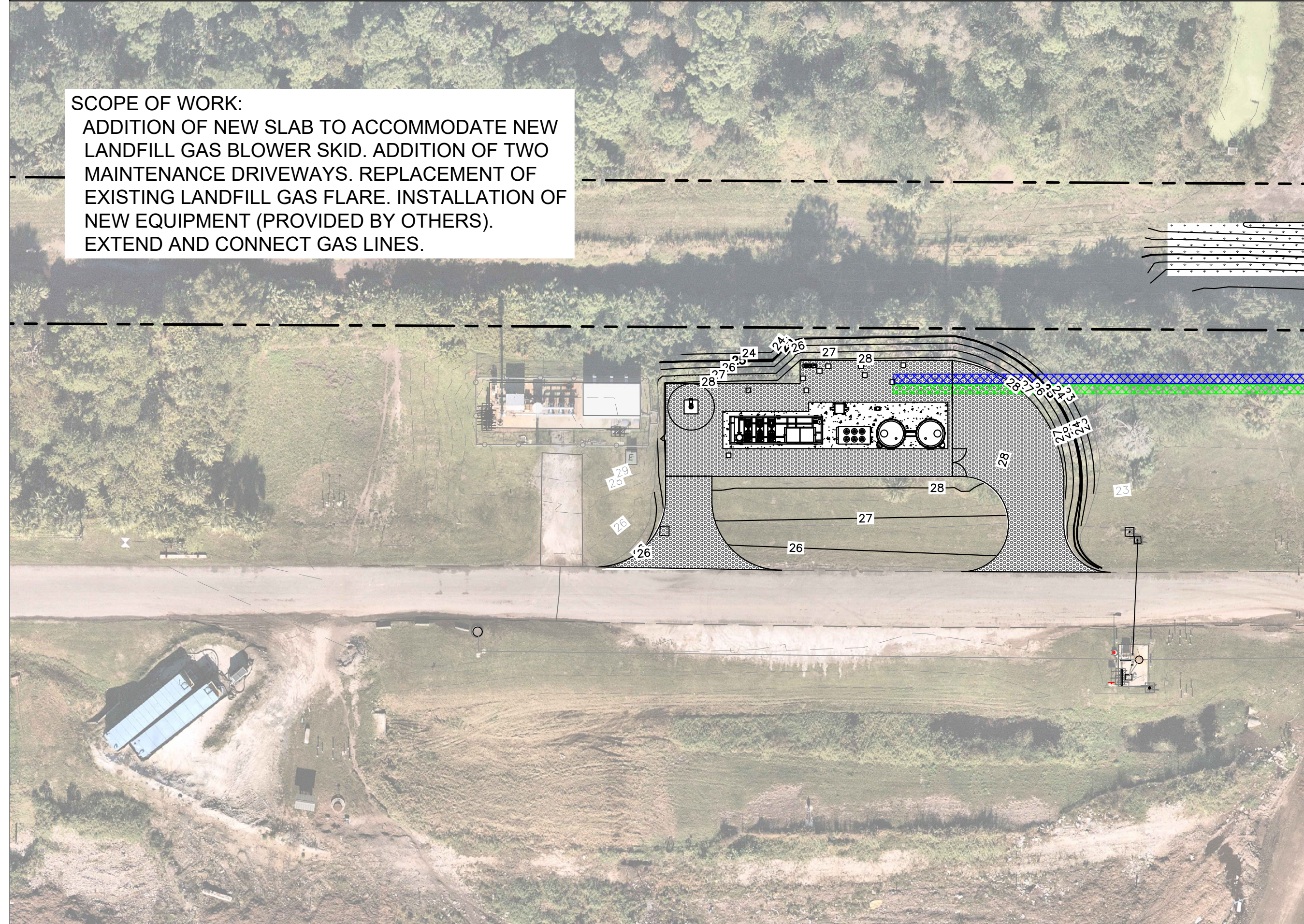
SCOPE OF WORK:
 WIDEN AND PAVE DRIVEWAY CROSSING TO YARDWASTE AREA. REPLACE CMP CULVERT WITH RCP CULVERT (EXTENDED) AND REGRADE CANAL BANK; RELOCATE HYDRANT.

DRIVEWAY IMPROVEMENTS



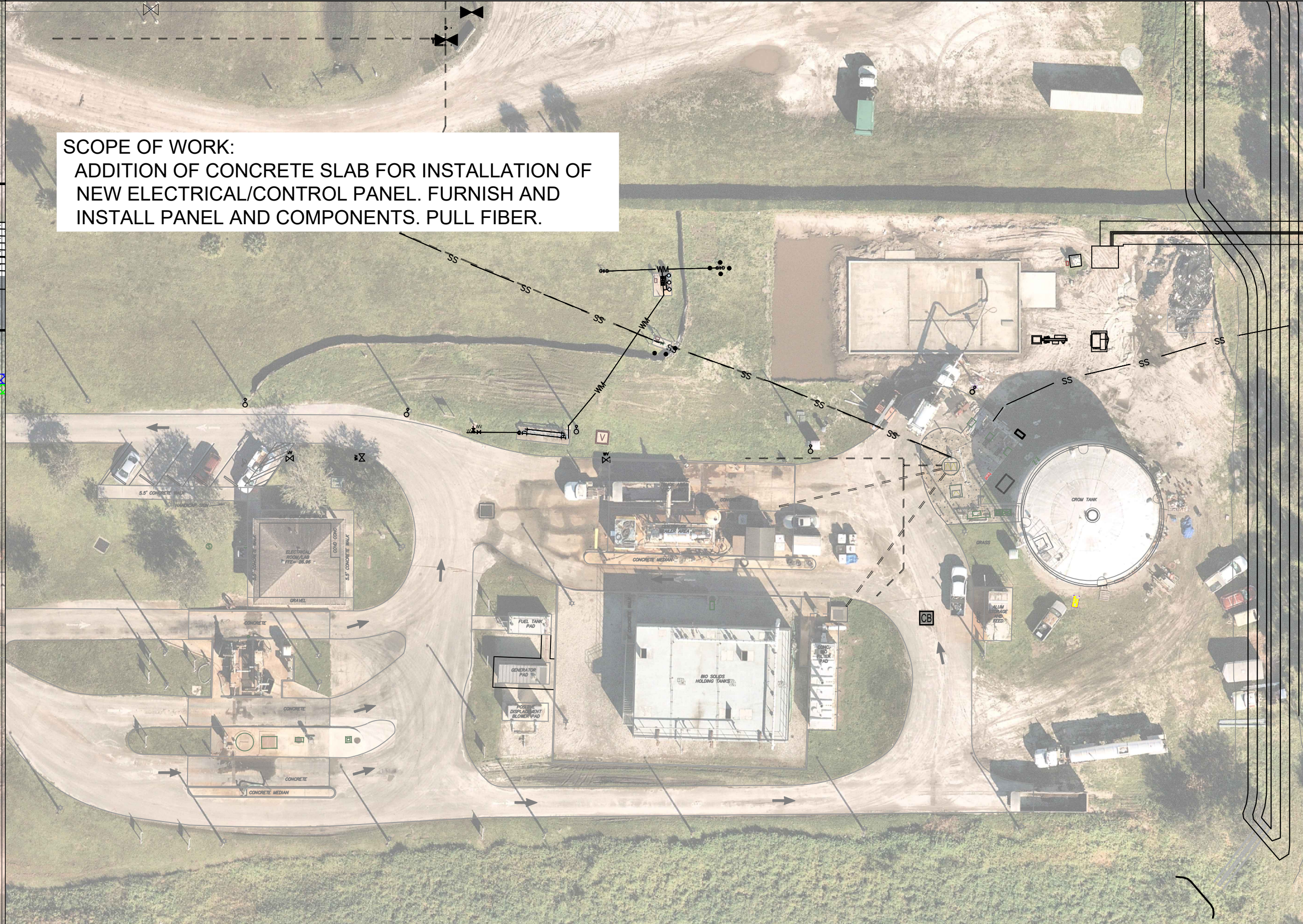
SCOPE OF WORK:
 WIDEN ENTRY TO ADD NEW, SECOND INBOUND SCALE AND MILL/RESURFACE EXISTING, BYPASS LANE. REGRADE NORTHERN AREA AND EXTEND EXISTING STORMWATER INTAKE. SCALE INSTALLED BY OTHERS.

AUTOMATED SCALE IMPROVEMENTS



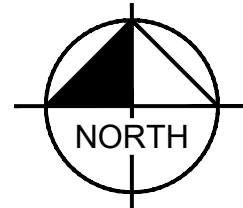
SCOPE OF WORK:
 ADDITION OF NEW SLAB TO ACCOMMODATE NEW LANDFILL GAS BLOWER SKID. ADDITION OF TWO MAINTENANCE DRIVEWAYS. REPLACEMENT OF EXISTING LANDFILL GAS FLARE. INSTALLATION OF NEW EQUIPMENT (PROVIDED BY OTHERS). EXTEND AND CONNECT GAS LINES.

LANDFILL GAS SYSTEM IMPROVEMENTS

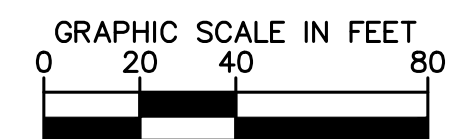


SCOPE OF WORK:
 ADDITION OF CONCRETE SLAB FOR INSTALLATION OF NEW ELECTRICAL/CONTROL PANEL. FURNISH AND INSTALL PANEL AND COMPONENTS. PULL FIBER.

LEACHATE TANK CONTROL PANEL INSTALLATION



GRAPHIC SCALE IN FEET



LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIPA-RAP
	PROPERTY LINE
	SANITARY SEWER
	FENCE
	PROPOSED RNG PIPING CORRIDOR
	PROPOSED IRC PIPING CORRIDOR

NO.	REVISIONS	DATE	BY

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 PHONE: 772-794-4100 WWW.KIMLEY-HORN.COM REGISTRY 696

KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
DATE	

SITE PLAN

IRC LANDFILL IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

BARON J. FYE
 LICENSE No 73898
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

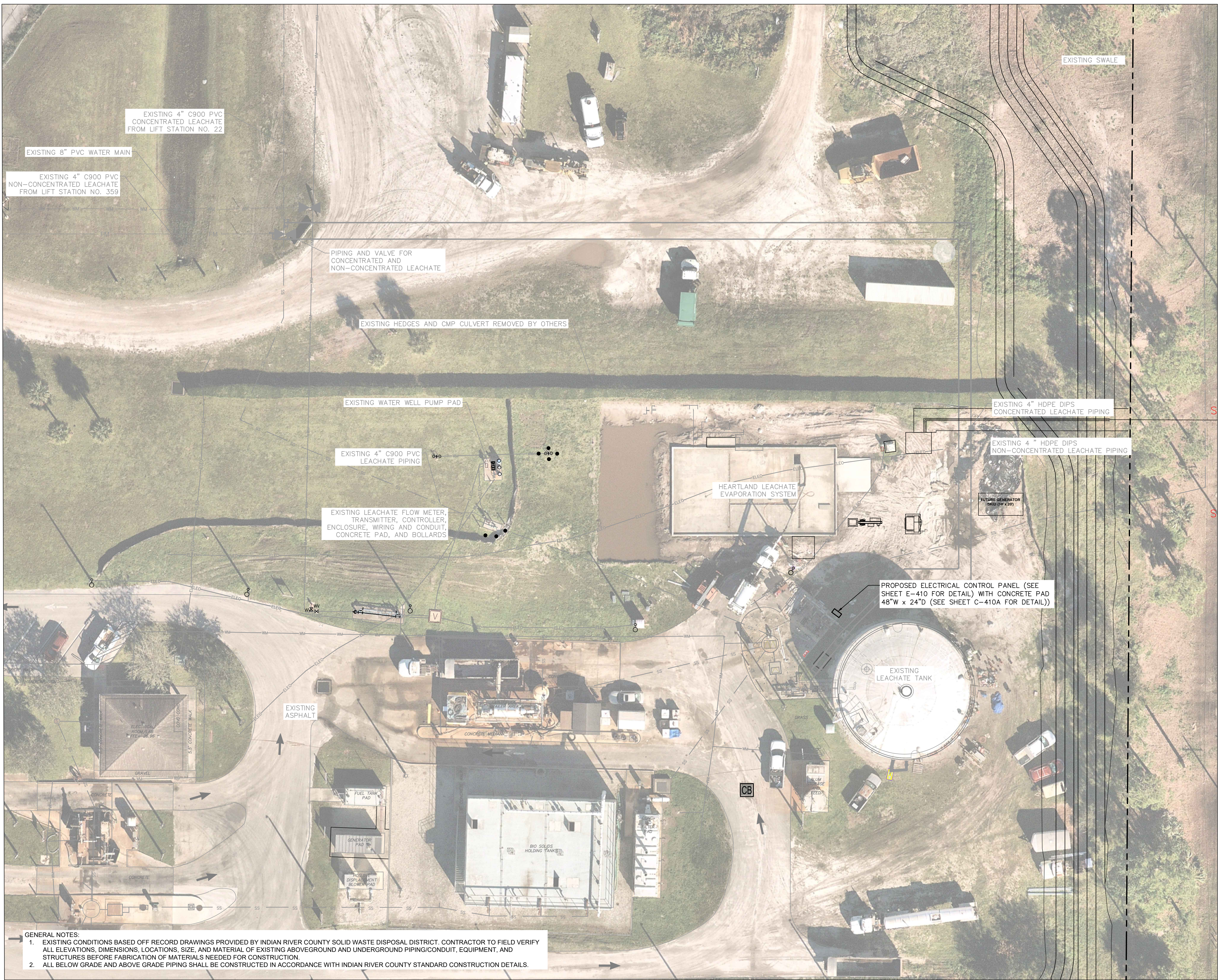
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SHEET NUMBER
C-401

Plotted By: Blum, Brandon. Sheet: 047035127. Layout: C-410A Proposed Tank Site Plan. September 20, 2023 11:28:12am. K:\VFB-WaterResources\047035125 - IRC Landfill Improvements\CADD\PlanSheets\C-400.dwg
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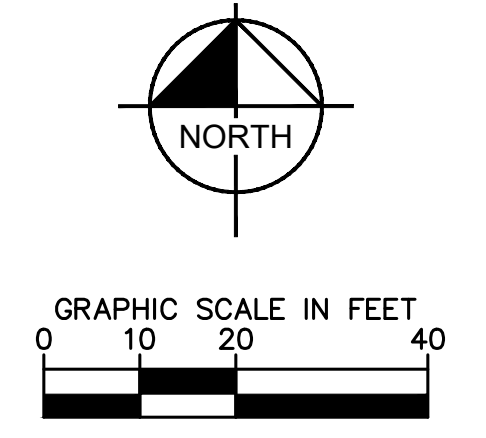
GENERAL NOTES:
 1. EXISTING CONDITIONS BASED OFF RECORD DRAWINGS PROVIDED BY INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT. CONTRACTOR TO FIELD VERIFY ALL ELEVATIONS, DIMENSIONS, LOCATIONS, SIZE, AND MATERIAL OF EXISTING ABOVEGROUND AND UNDERGROUND PIPING/CONDUIT, EQUIPMENT, AND STRUCTURES BEFORE FABRICATION OF MATERIALS NEEDED FOR CONSTRUCTION.
 2. ALL BELOW GRADE AND ABOVE GRADE PIPING SHALL BE CONSTRUCTED IN ACCORDANCE WITH INDIAN RIVER COUNTY STANDARD CONSTRUCTION DETAILS.

LEGEND

	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD

— WM —	WATER MAIN
— ELEC —	ELECTRIC
— STM —	STORMWATER
— SS —	SANITARY SEWER
— FM —	LEACHATE FORCE MAIN
- - -	PROPERTY LINE

NOTE:
 1. SITE CIVIL IMPROVEMENTS CONSTRUCTED BY OTHERS. SHOWN FOR INTENTIONAL PURPOSES ONLY.



No.	REVISIONS	DATE	BY

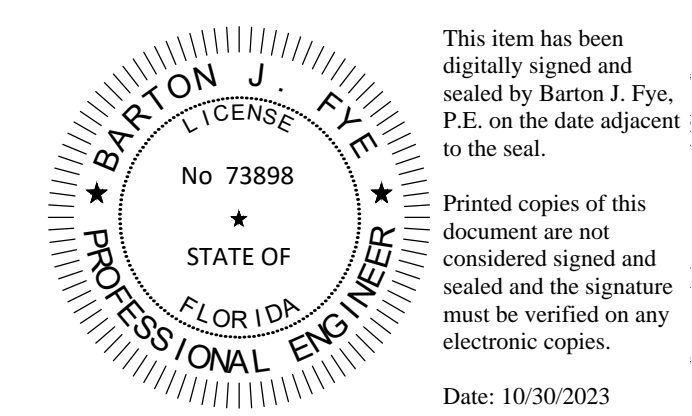
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 PHONE: 772-794-4100
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LICENSED PROFESSIONAL

KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
DATE:	

**PROPOSED SITE PLAN
 LEACHATE EVAPORATION
 SYSTEM AND CENTRATE TANK
 MODIFICATIONS**

**IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY**
 FLORIDA

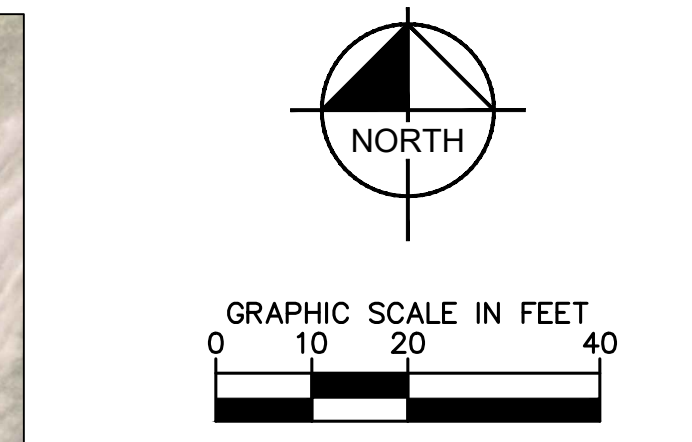


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SHEET NUMBER
C-410A

Plotted By: Blum, Brandon. Sheet Set: 047035127. Layout: C-420 Existing Conditions Automated Scale Improvements. September 20, 2023. 01:39:49pm. \\vb101\c\vb1\VRB-WaterResources\047035125 - IRC Landfill Improvements\CADD\PlanSheets\C-400.dwg
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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	SS SANITARY SEWER
	OHW OVERHEAD WIRE
	PROPERTY LINE
	STM STORMWATER

No.	REVISIONS	DATE	BY

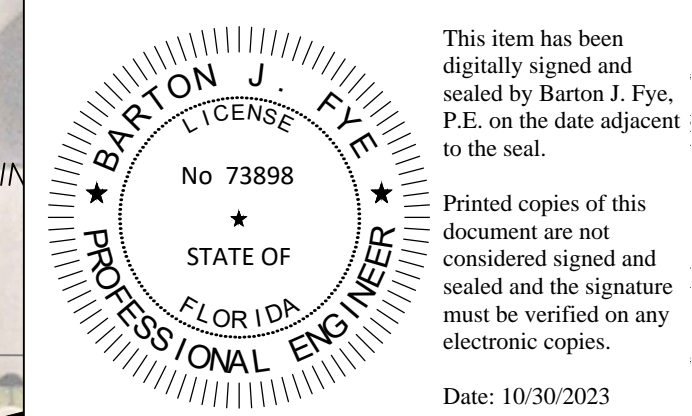
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KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
DATE:	

EXISTING
 CONDITIONS
 AUTOMATED SCALE
 IMPROVEMENTS

IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

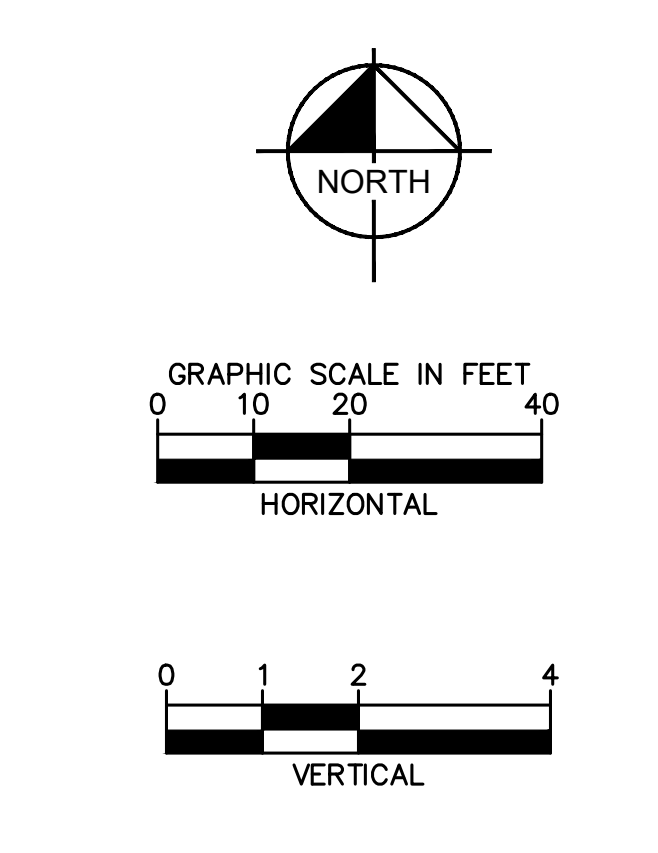
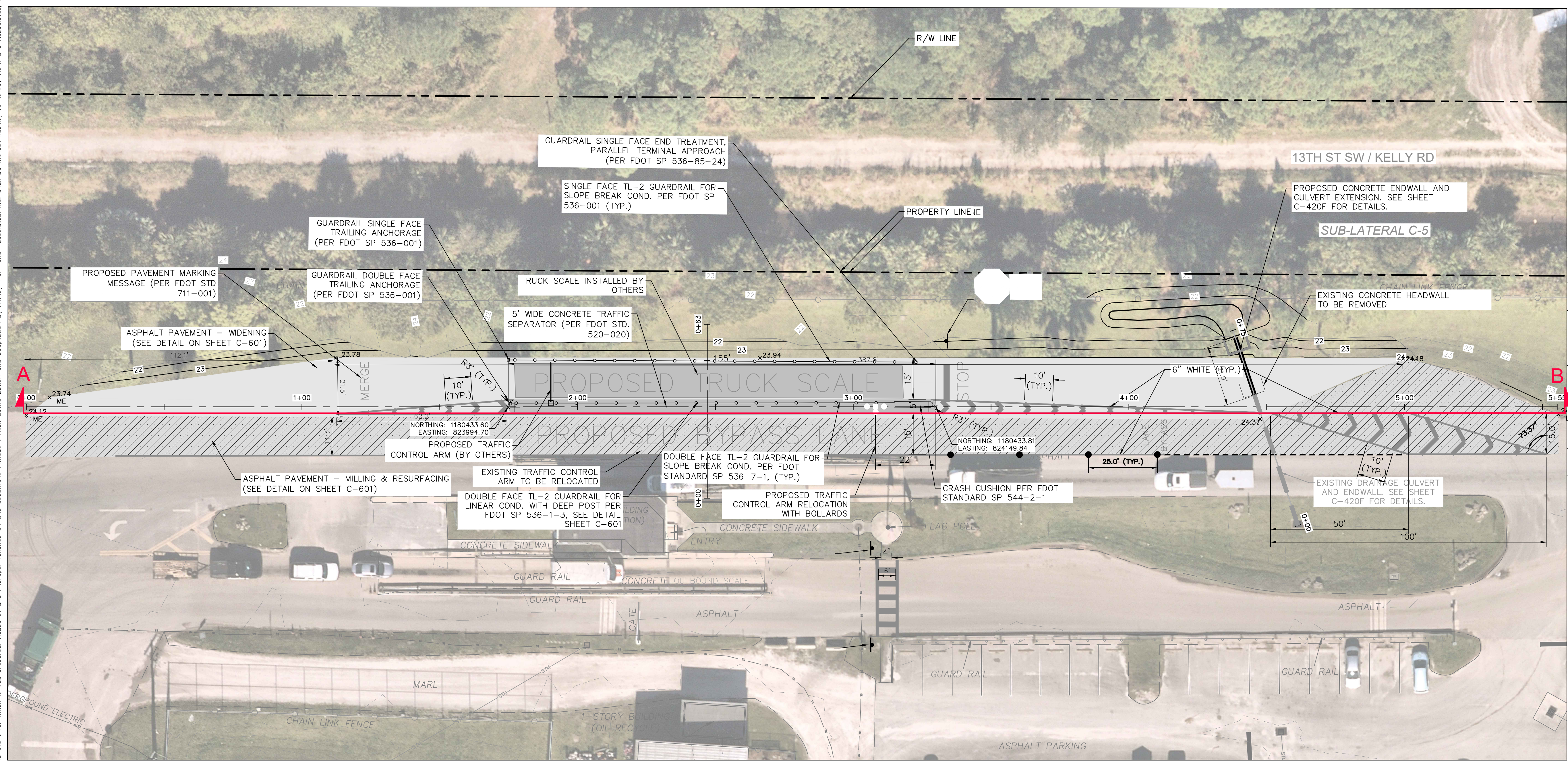


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SHEET NUMBER
C-420

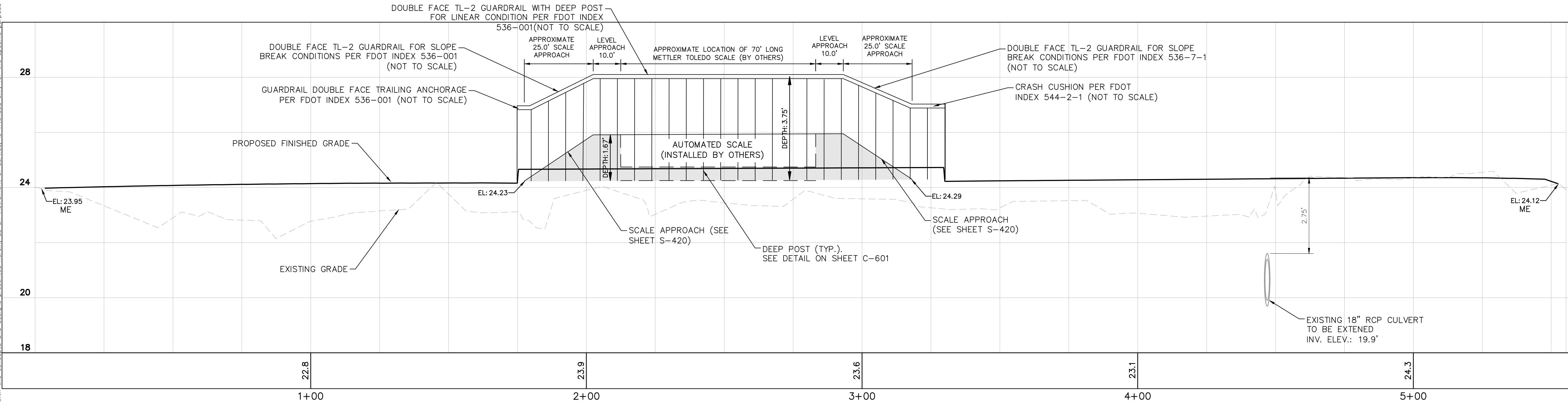
Plotted By: Blum, Brandon. Sheet Set: 047035127. Layout: C-420A Proposed Site Plan Automated Scale Improvements. September 20, 2023. 11:29:01am. K:\VRB-WaterResources\047035127 - IRC Landfill Improvements\CADD\PlanSheets\C-400.dwg
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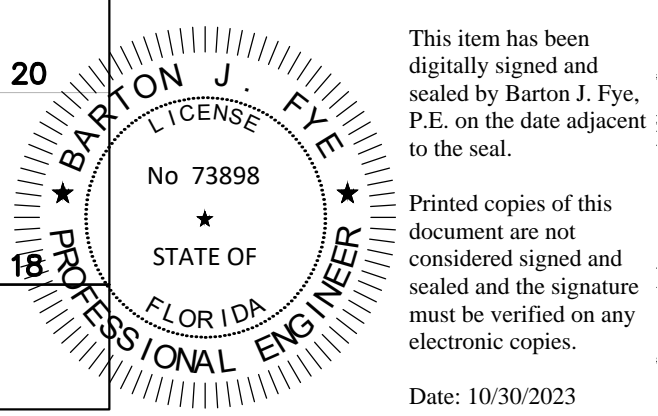
LEGEND

	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	FENCE
	SANITARY SEWER
	OVERHEAD WIRE
	PROPERTY LINE
	STORMWATER
	PROPOSED ELEVATION
	MATCH EXISTING ELEVATION

NOTES:
 1. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)



DATUM
 NAVD88
A-B
 C-420A
PROPOSED AUTOMATED SCALE DRIVEWAY PROFILE VIEW
 SCALE: 2"=1'-0"



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ISSUED FOR BID

REVISIONS
 No. _____
 DATE _____

DATE _____
 CHECKED BY _____
 DESIGNED BY _____
 SCALE AS SHOWN
 DATE _____
 PROJECT _____

LICENSED PROFESSIONAL
 KHA PROJECT 047035124
 DATE SEPT 2023
 SCALE AS SHOWN
 DESIGNED BY JSW
 DRAWN BY JSW
 CHECKED BY _____
 DATE _____

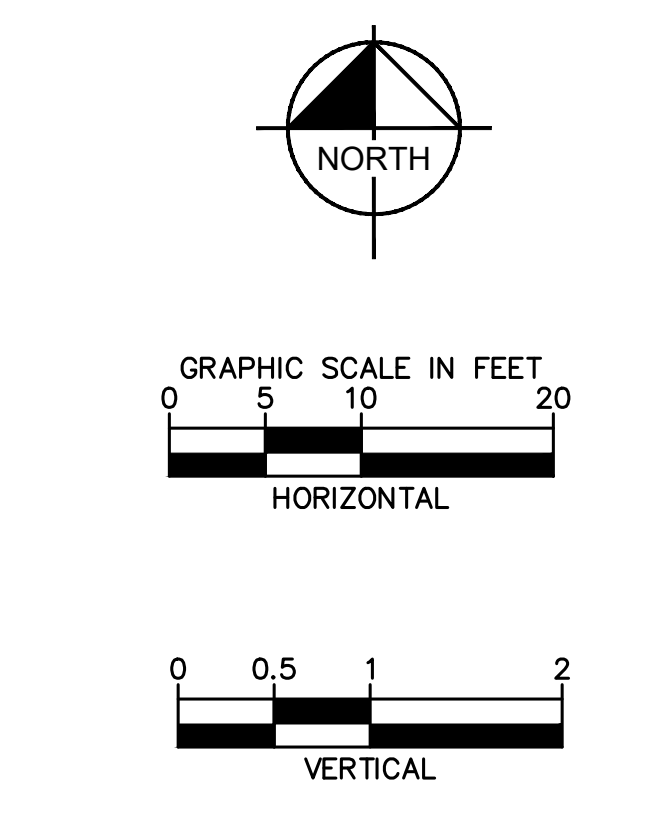
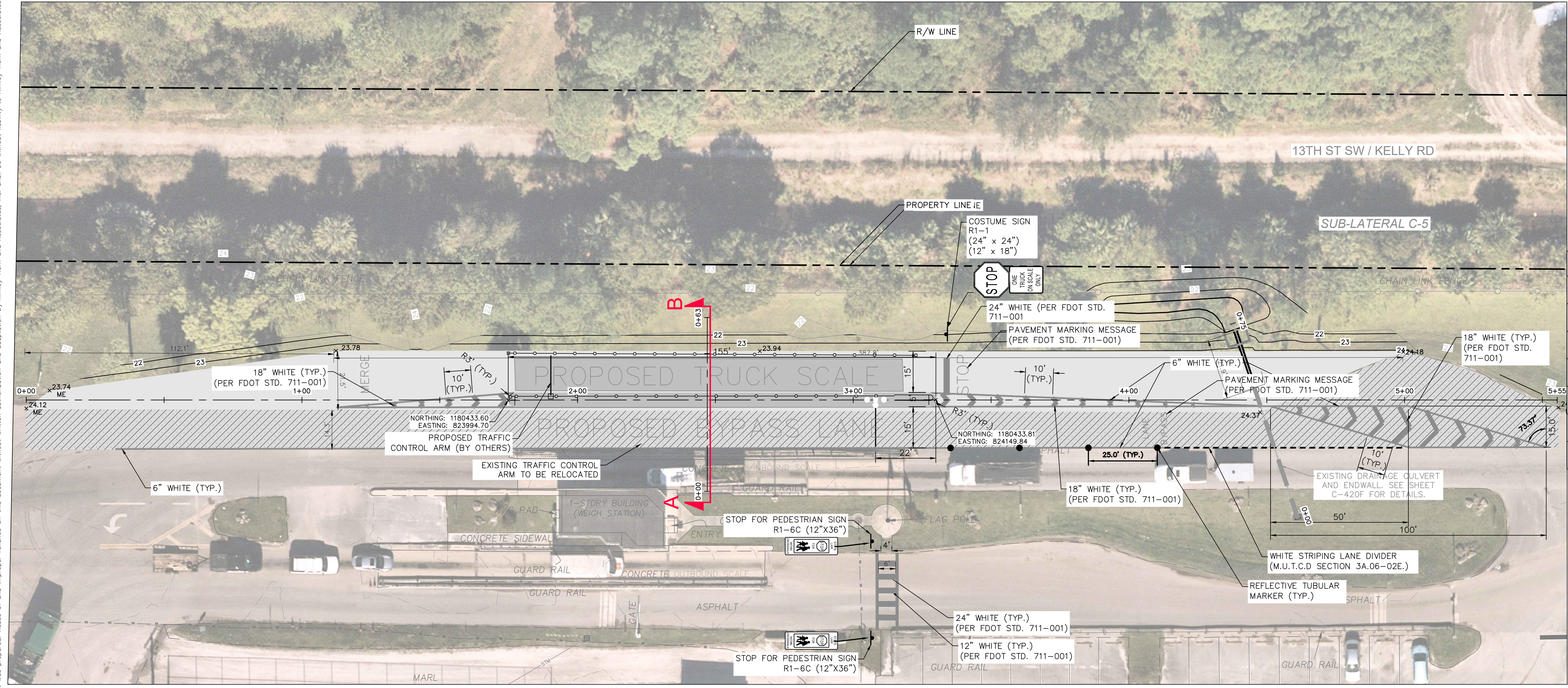
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 AUTOMATED SCALE IMPROVEMENTS

PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

IRC LANDFILL IMPROVEMENTS

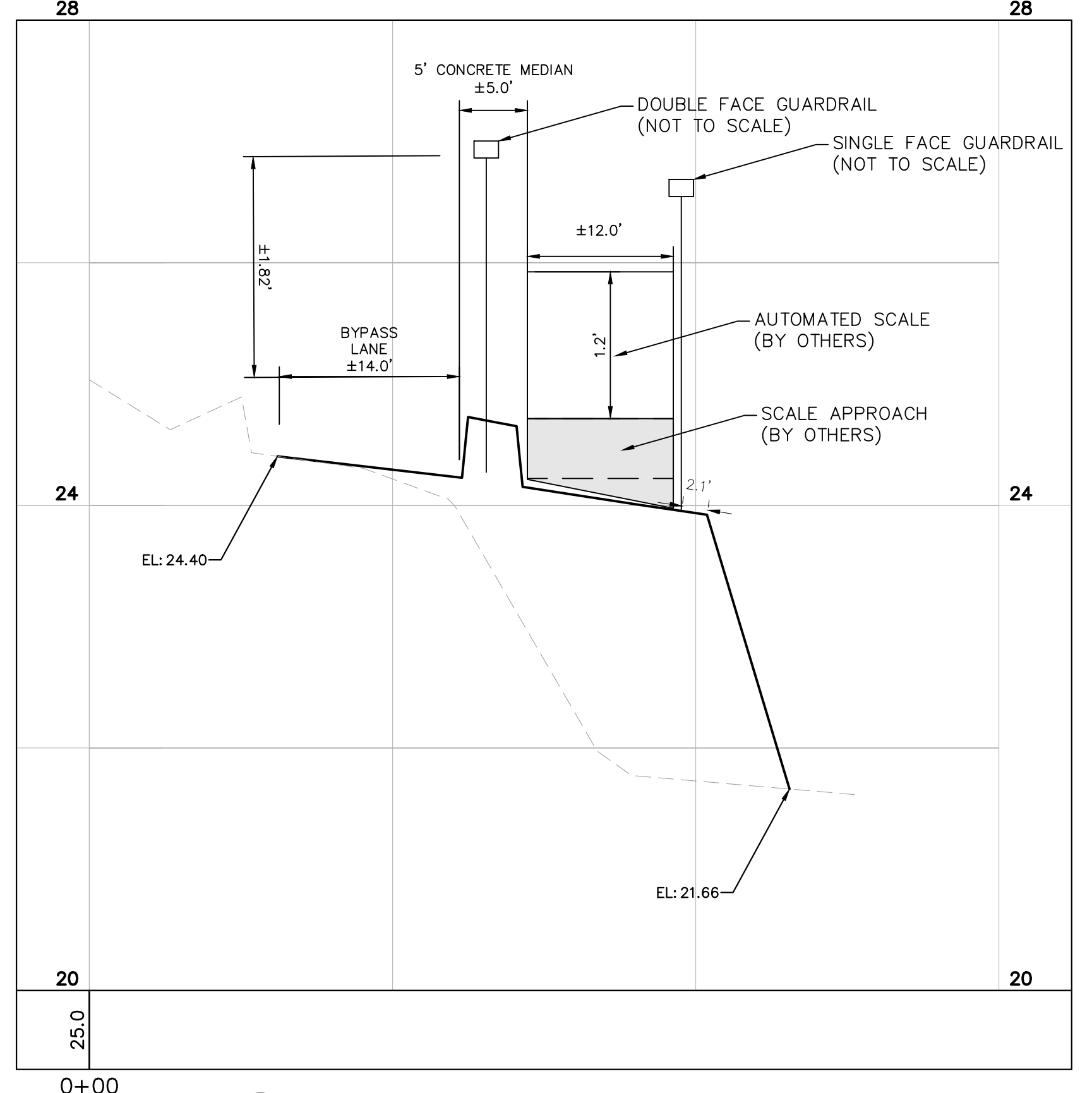
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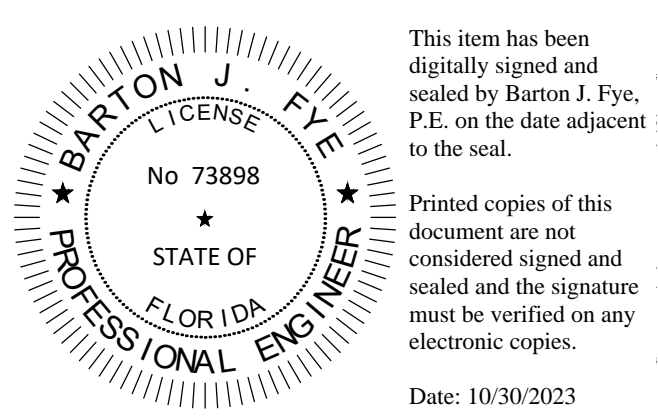
LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	FENCE
	SANITARY SEWER
	OVERHEAD WIRE
	PROPERTY LINE
	STORMWATER

NOTES:
 1. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)



DATUM NAVD88
 A-B PROPOSED AUTOMATED SCALE DRIVEWAY CROSS SECTION
 C-420B SCALE: 1"=1'-0"

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 445 24th ST SUITE 200, VERO BEACH, FL 32960
 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM REGISTRY 696

LICENSED PROFESSIONAL ENGINEER
 DATE: SEPT 2023
 SCALE: AS SHOWN
 DESIGNED BY: JSW
 DRAWN BY: JSW
 CHECKED BY: JSW
 DATE:

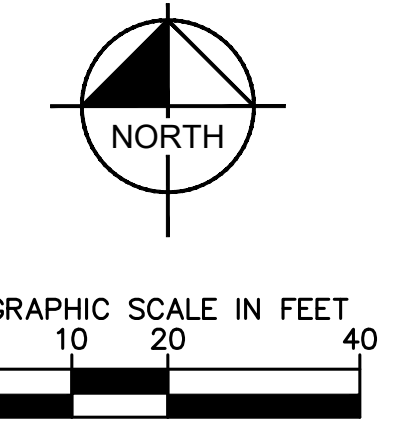
PROPOSED SITE PLAN
 AUTOMATED SCALE IMPROVEMENTS

PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

SHEET NUMBER
C-420B

REVISIONS
 No. DATE BY

Plotted By: Blum, Brandon. Sheet Set: 047035127. Layout: C-420C. Erosion Control Plan. September 20, 2023. 11:28:11am. K:\VRB_WaterResources\047035125 - IRC Landfill Improvements\CADD\PlanSheets\C-400.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	SILT FENCE
	SANITARY SEWER
	OVERHEAD WIRE
	PROPERTY LINE
	STORMWATER

- NOTE:
- CONTRACTOR TO MAINTAIN SILT FENCE IN SURROUNDING CONSTRUCTION LIMITS AND COORDINATE WITH LANDFILL STAFF/MANAGER FOR SITE ACCESS DURING CONSTRUCTION
 - ALL DISTURBED AREAS TO BE SODDED

No.	REVISIONS	DATE	BY

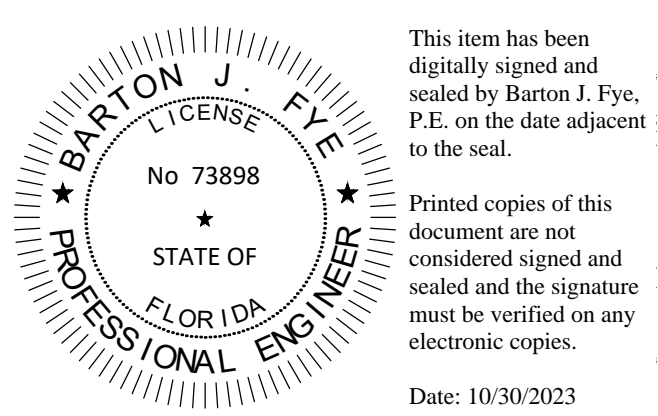
Kimley & Horn

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KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
DATE:	

EROSION CONTROL PLAN

IRC LANDFILL IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY, FLORIDA

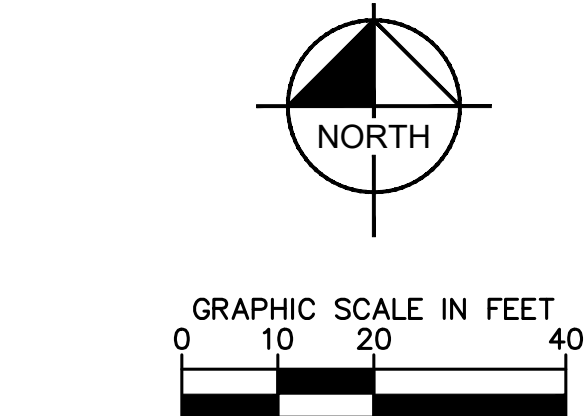


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SHEET NUMBER
C-420C

Plotted By: Blum, Brandon. Sheet Set: 047035127. Layout: C-430 Existing Conditions Driveway Improvements. September 20, 2023. 11:30:34am
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- WM — WATER MAIN
- GAS — GAS LINE
- FM — LEACHATE FORCE MAIN
- - - PROPERTY LINE

APPROXIMATE LOCATION OF PROPOSED
 8" SDR17 HDPE PIPE LFG HEADER
 2" HDPE SDR11 COMMUNICATION CONDUIT

APPROXIMATE END PIPING CORRIDOR
 8" SDR17 HDPE PIPE LFG HEADER
 2" HDPE SDR11 COMMUNICATION CONDUIT

CONCRETE DRIVEWAY

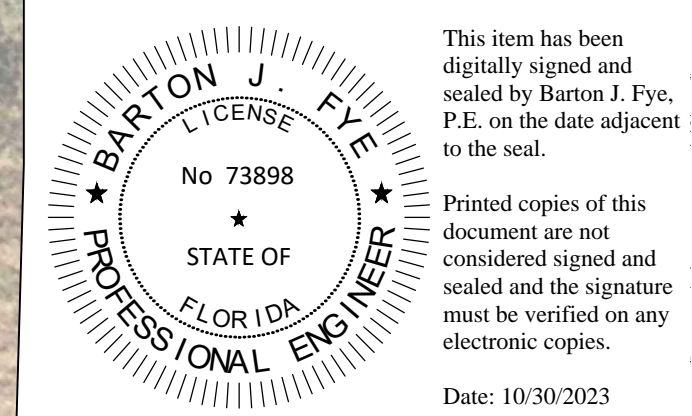
10' WIDE FPL EASEMENT

DEMO EXISTING DRIVEWAY APPROACH
 (APPROXIMATE LIMITS). SEE SAWCUT
 DETAIL ON SHEET C-601

EXISTING 60' CMP CULVERT
 W. INV.=16.71'
 E. INV.=16.65'

13TH ST SW / KELLY RD

SUB-LATERAL C-5



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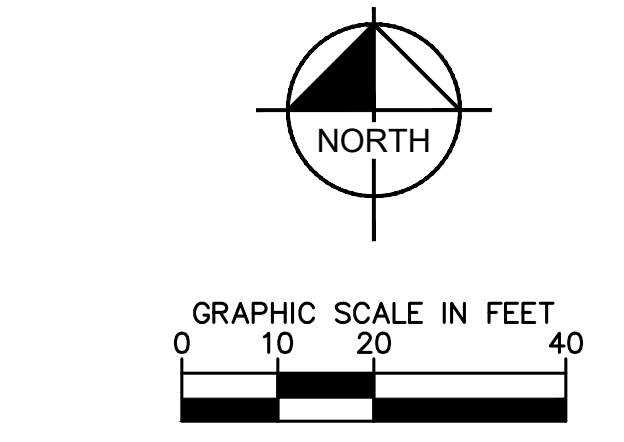
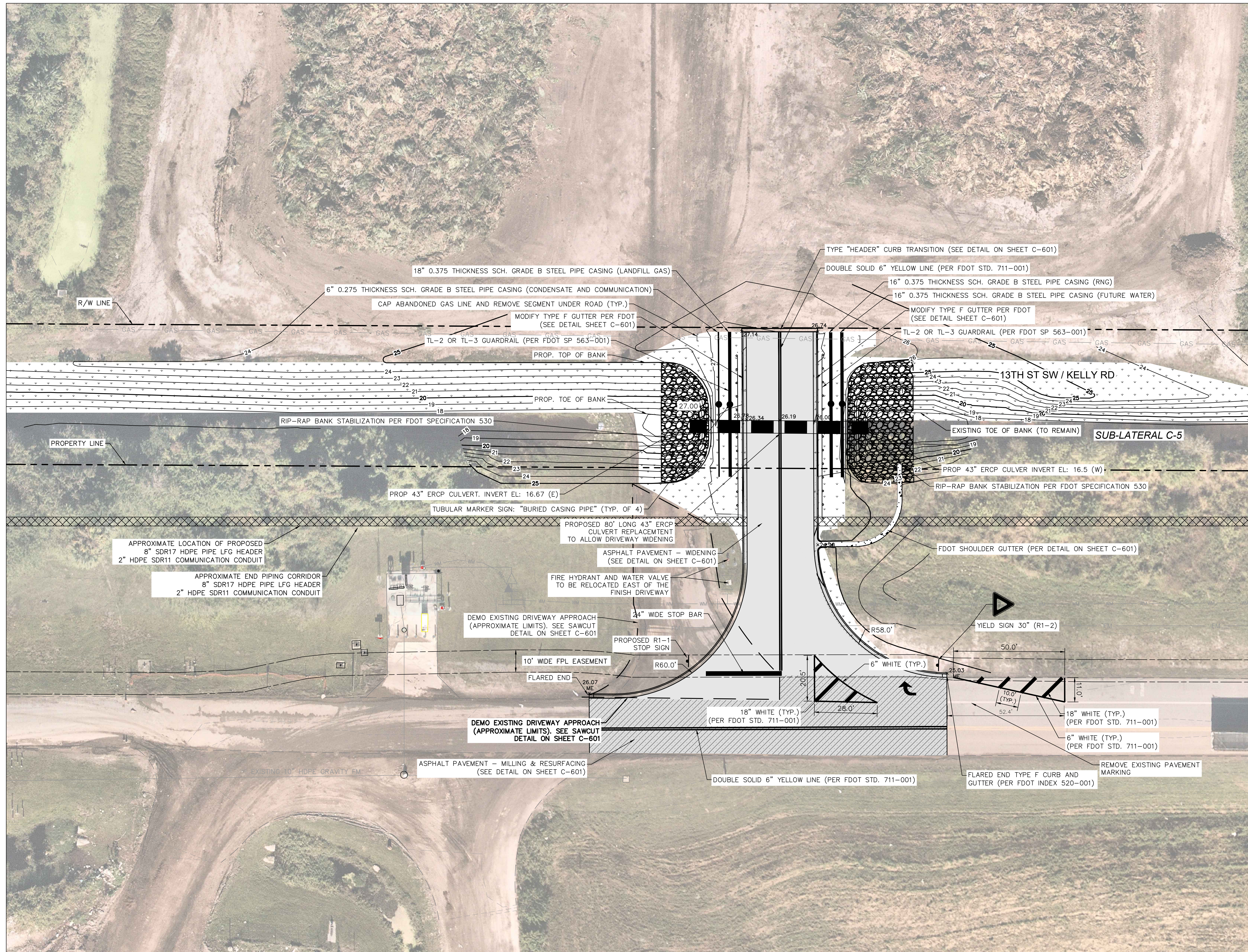
KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	---
DRAWN BY	JSW
CHECKED BY	---
DATE:	---

EXISTING
 CONDITIONS
 DRIVEWAY
 IMPROVEMENTS

IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
FLORIDA

SHEET NUMBER
C-430

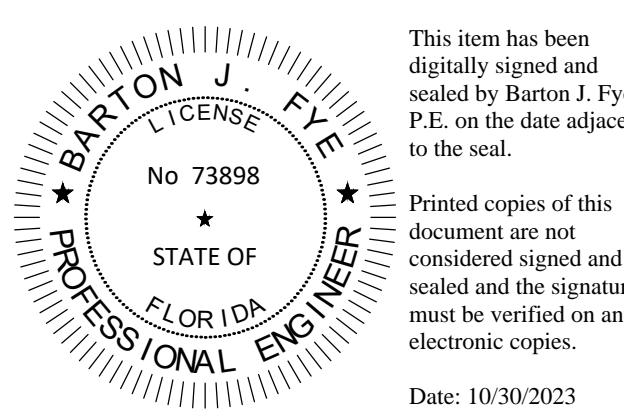
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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIP-RAP

	WM	WATER MAIN
	GAS	GAS LINE
	FM	LEACHATE FORCE MAIN
		PROPERTY LINE
	X.X	PROPOSED ELEVATION MATCH EXISTING ELEVATION
	ME	

- NOTE:
1. CONTRACTOR TO PHASE FENCE AND CONSTRUCTION TO MAINTAIN VEHICULAR ACCESS TO YARD WASTE AREA AT ALL TIMES.
 2. CONTRACTOR TO REMOVE ABANDON GAS LINE TO THE ROAD EXTENT AND CAP IT AT BOTH ENDS.
 3. REFER TO IRFWCD PERMIT FOR CANAL REQUIREMENTS (PERMIT NO.: U-23-05 AND 23-17).
 4. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 110.
 5. EXCAVATION AND COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 120.
 6. ALL ELEVATIONS SHOWN REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



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LICENSED PROFESSIONAL
 KHA PROJECT 047035124
 DATE SEPT 2023
 SCALE AS SHOWN
 DESIGNED BY JSW
 DRAWN BY JSW
 CHECKED BY JSW
 DATE:

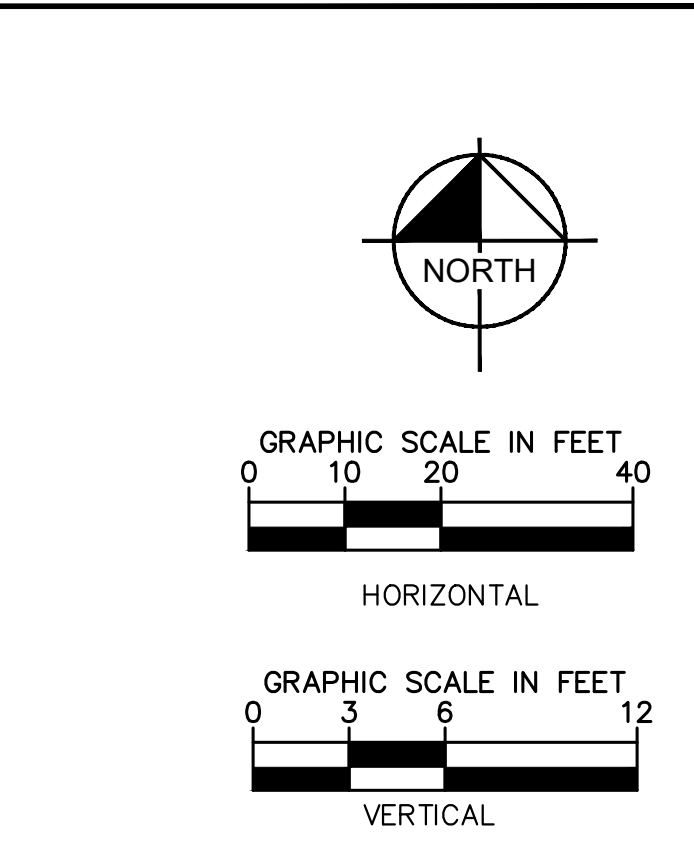
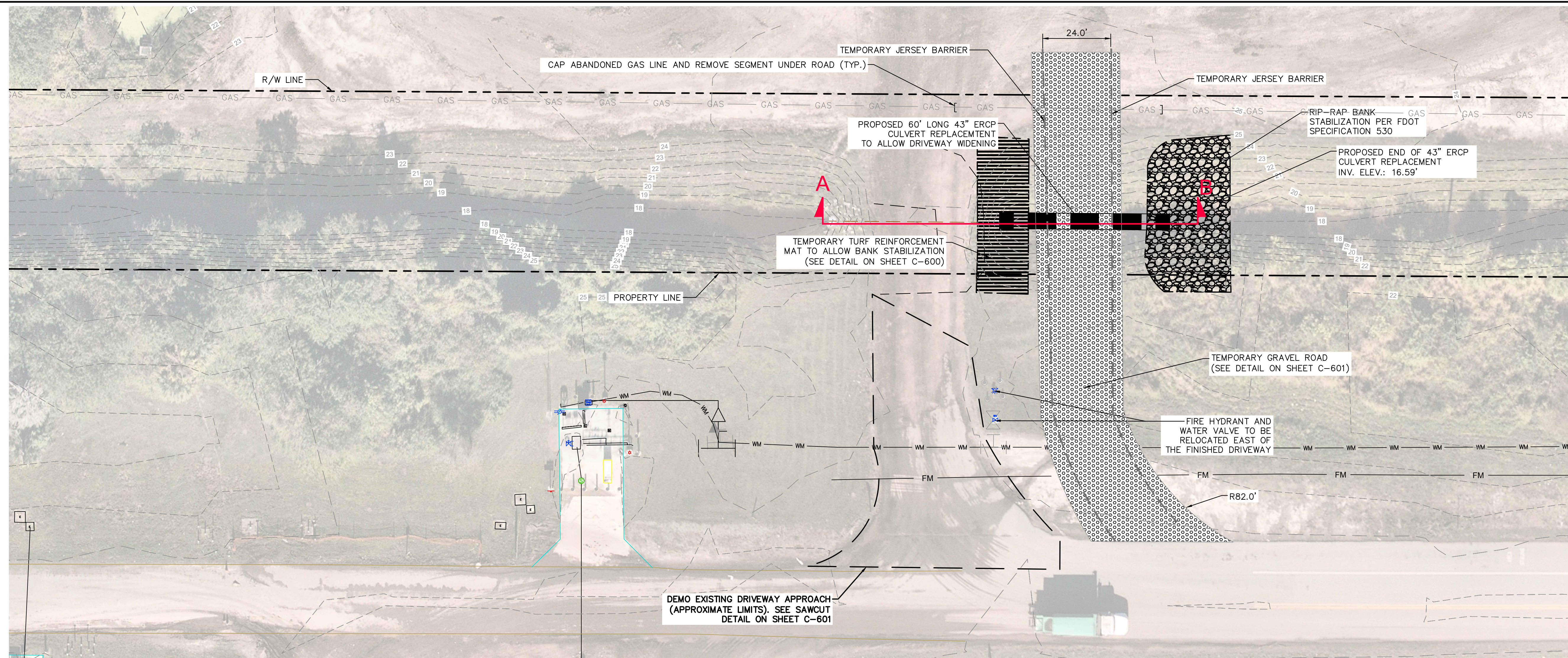
**PROPOSED SITE PLAN
 DRIVEWAY
 IMPROVEMENTS**

IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

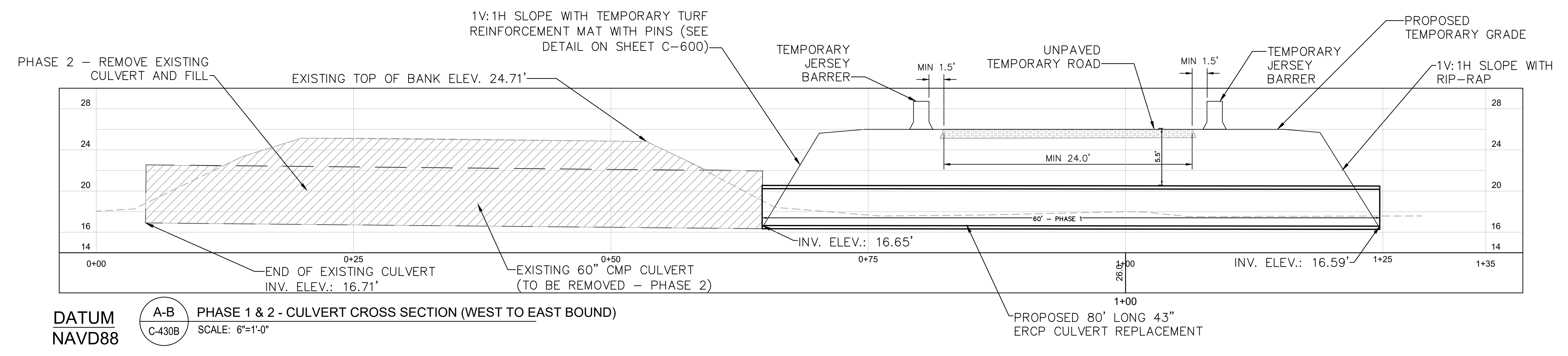
SHEET NUMBER
C-430A

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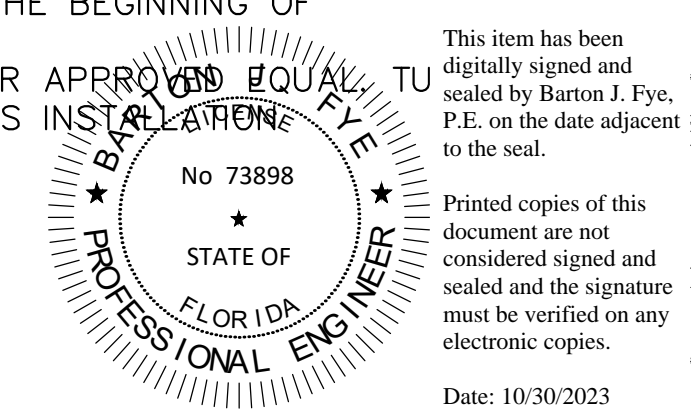
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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIP-RAP
	TURF REINFORCEMENT MAT
	WM WATER MAIN
	GAS GAS LINE
	FM LEACHATE FORCE MAIN
	PROPERTY LINE



- NOTES:**
- CONTRACTOR TO PROVIDE BARRIER AND PHASING TO MAINTAIN FULL VEHICULAR ACCESS TO YARDWASTE AREA AT ALL TIMES.
 - AN MOT PLAN SHOULD BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION.
 - TURF REINFORCEMENT MAT SHALL CONSIST OF EAST COAST EROSION CONTROL BLANKET OR REINFORCEMENT MAT SHALL BE INSTALLED AND ANCHORED ACCORDING TO MANUFACTURERS' GUIDELINES.



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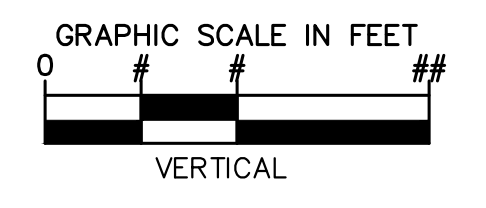
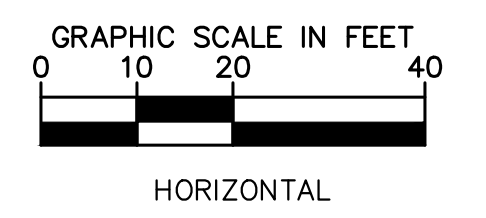
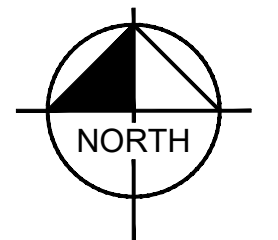
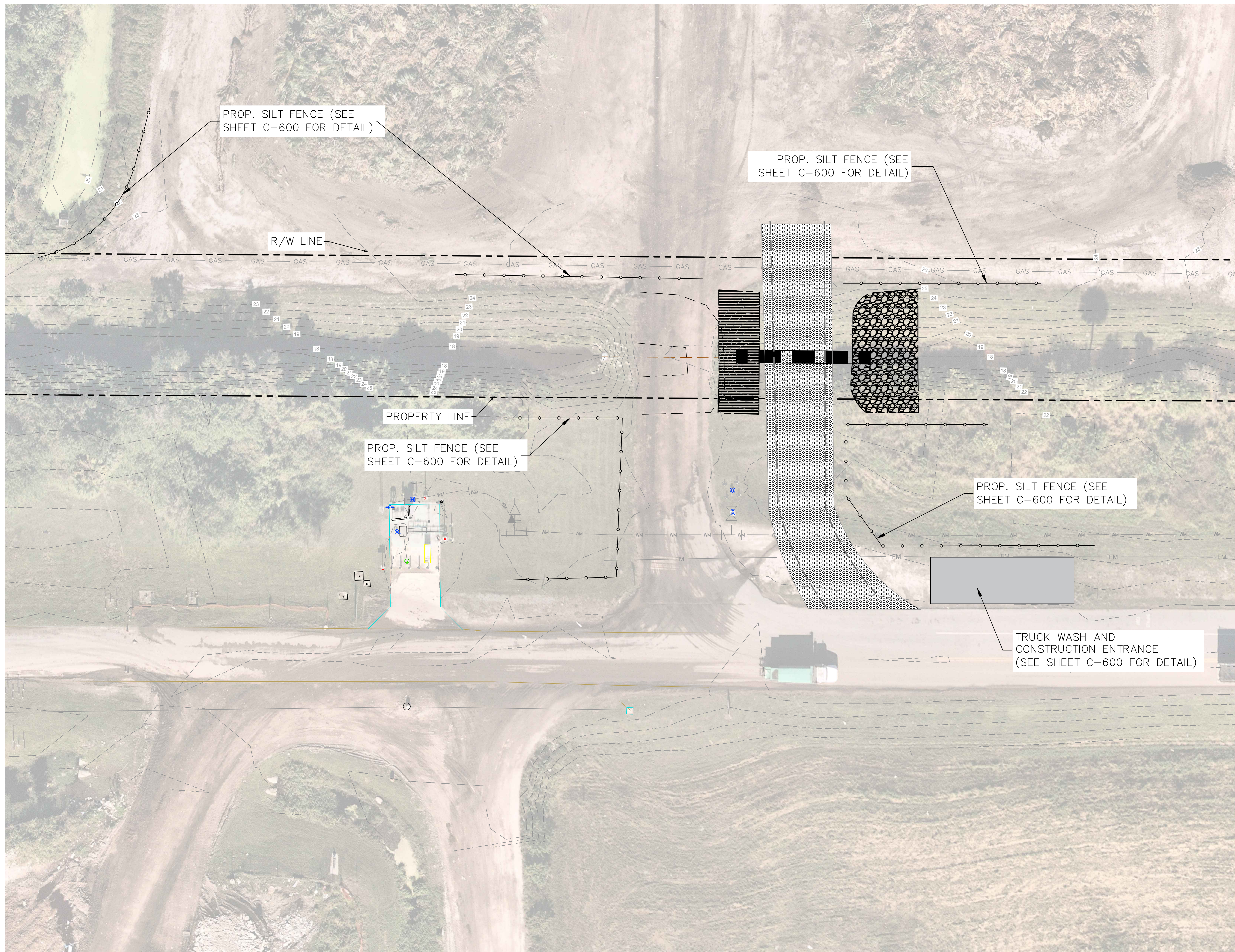
 © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 445 24th ST SUITE 200, VERO BEACH, FL 32960 WWW.KIMLEY-HORN.COM PHONE: 772-794-4100 REGISTRY: 696	LICENSED PROFESSIONAL KHA PROJECT 047035124 DATE SEPT 2023 SCALE AS SHOWN DESIGNED BY JSW DRAWN BY JSW CHECKED BY JSW
	REVISIONS No. DATE

PROPOSED DRIVEWAY IMPROVEMENT SEQUENCING PLAN I

IRC LANDFILL IMPROVEMENTS PREPARED FOR INDIAN RIVER COUNTY FLORIDA

SHEET NUMBER **C-430B**

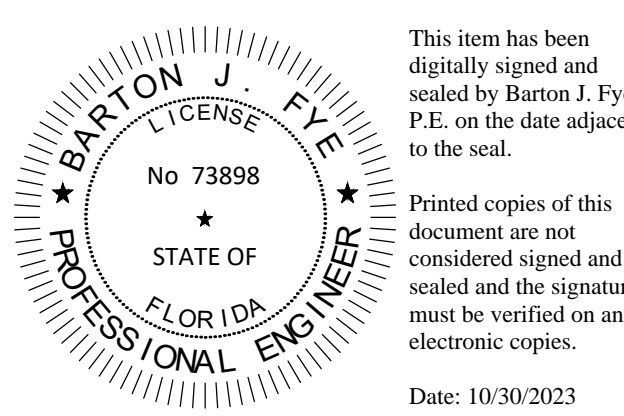
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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIP-RAP
	TURF REINFORCEMENT MAT

	SILT FENCE
	WM WATER MAIN
	GAS GAS LINE
	FM LEACHATE FORCE MAIN
	PROPERTY LINE

- NOTE:**
1. CONTRACTOR TO PHASE FENCE AND CONSTRUCTION TO MAINTAIN VEHICULAR ACCESS TO YARD WASTE AREA AT ALL TIMES.
 2. CONTRACTOR TO PROVIDE PRIOR CONSTRUCTION MAINTENANCE OF TRAFFIC PLAN TO ENSURE CONTINUES ACCESS TO YARD WASTE AREA.
 3. CONTRACTOR TO MEET TURBIDITY REQUIREMENTS OF IRFWCD PERMIT AT ALL TIMES. SHEET PILE DAM MAY BE REQUIRED (WITH OVERFLOW) IF TURBIDITY CANNOT BE MET.
 4. REFER TO IRFWCD PERMIT FOR CANAL REQUIREMENTS (PERMIT NO.: U-23-05 AND 23-17)



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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY 696

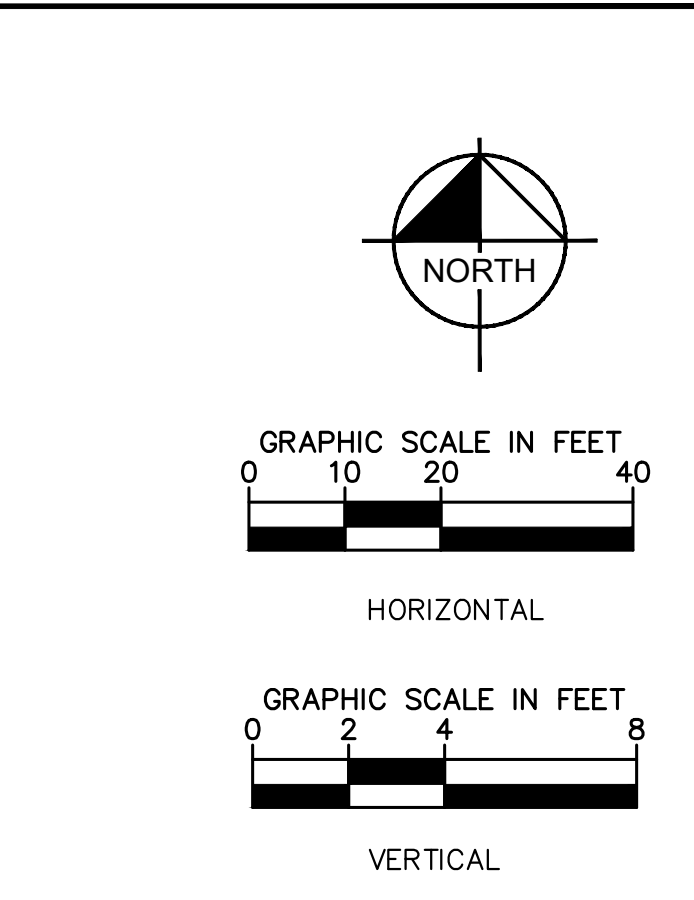
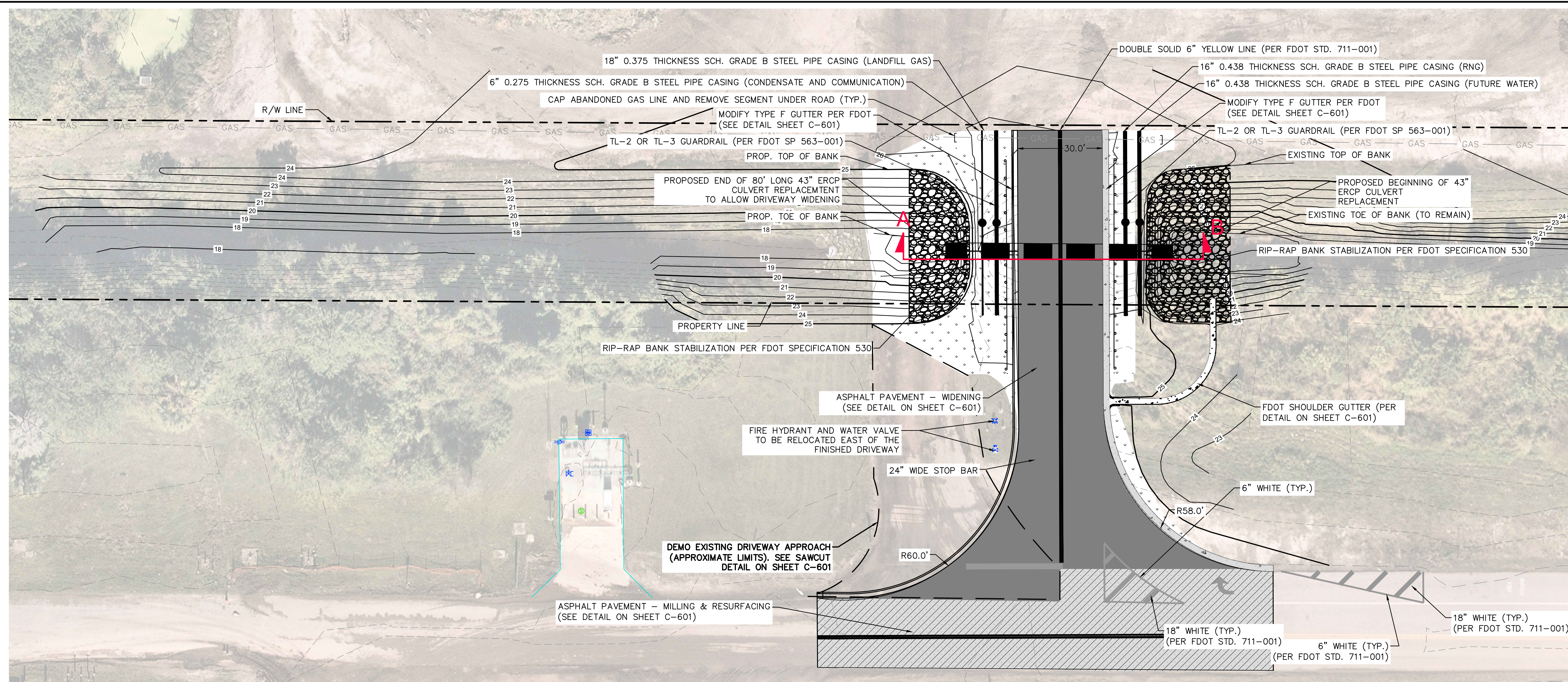
KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
LICENSED PROFESSIONAL	

EROSION CONTROL PLAN

IRC LANDFILL IMPROVEMENTS
PREPARED FOR
INDIAN RIVER COUNTY
FLORIDA

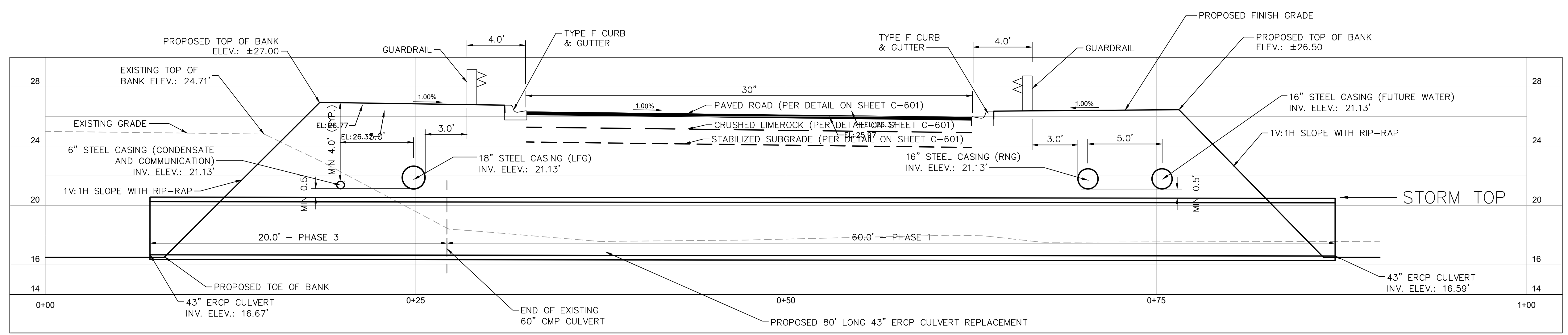
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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIP-RAP

	WM	WATER MAIN
	GAS	GAS LINE
	FM	LEACHATE FORCE MAIN
	---	PROPERTY LINE



DATUM
NAVD88

A-B PHASE 3 - CULVERT CROSS SECTION (WEST TO EAST BOUND)
C-430D SCALE: 4"=1'-0"

SEQUENCING PLAN (PHASE 3):

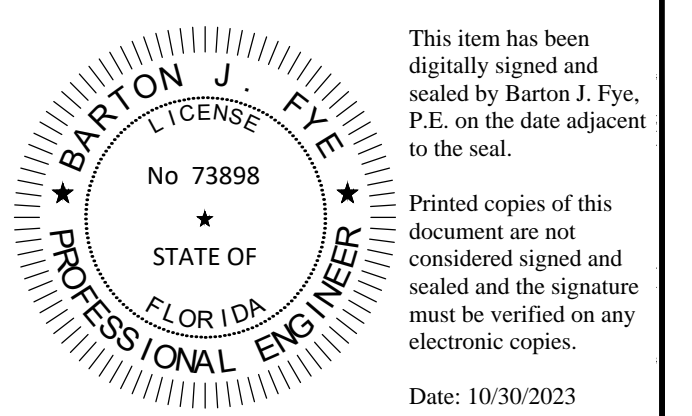
OBJECTIVE:
FINISH PAVING AREA, INSTALLING GUARDRAILS, AND FINAL STRIPPING

- STEPS:**
1. COMPLETE PAVING AND GRADING INCLUDING INSTALLATION OF RIP-RAP STABILIZATION.
 2. COMPACT AND GRADE TO PLANS.
 3. INSTALL UTILITIES ON BOTH SIDES OF ROAD.
 4. INSTALL SIGNS, GUARDRAILS, AND FINAL STRIPPING PER PLANS.
 5. COMPLETE ASPHALT MILLING AND RESURFACING.

NOTES:

1. CONTRACTOR TO PROVIDE BARRIER AND PHASING TO MAINTAIN FULL VEHICULAR ACCESS TO YARDWASTE AREA AT ALL TIMES.
2. MOT PLAN SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION.

ISSUED FOR BID



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NO.
REVISIONS
DATE

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LICENSED PROFESSIONAL ENGINEER

KHA PROJECT 047035124

DATE SEPT 2023

SCALE AS SHOWN

DESIGNED BY JSW

DRAWN BY JSW

CHECKED BY JSW

DATE:

PROPOSED DRIVEWAY IMPROVEMENT SEQUENCING PLAN II

INDIAN RIVER COUNTY FLORIDA

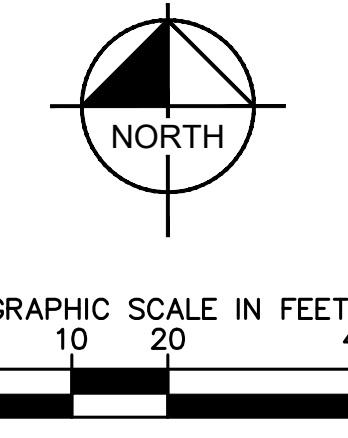
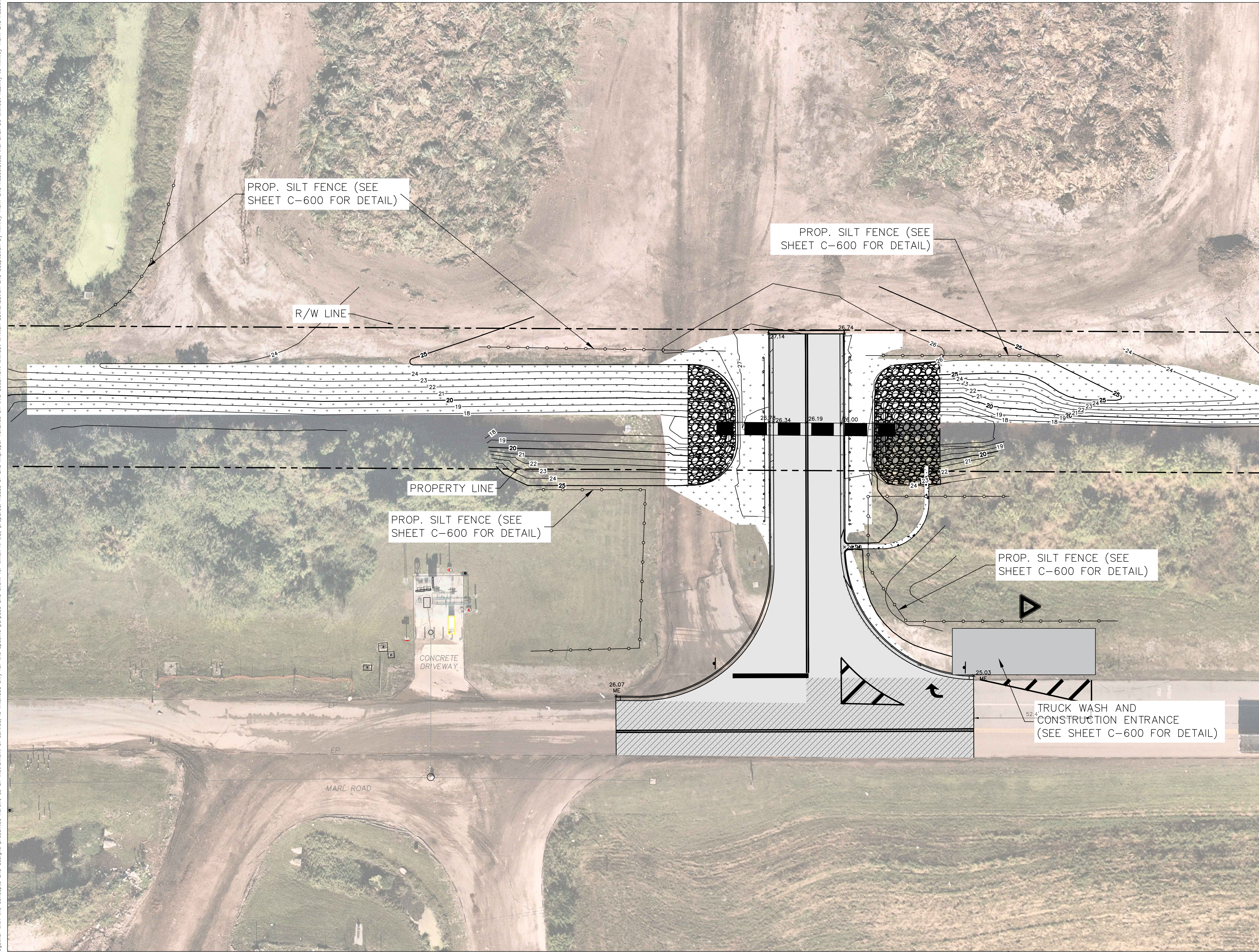
PREPARED FOR

IRC LANDFILL IMPROVEMENTS

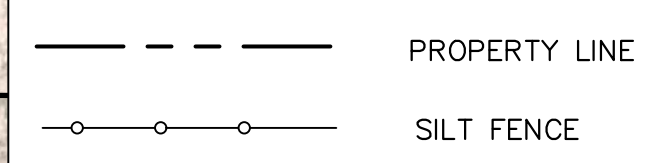
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C-430D

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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIP-RAP



- NOTE:
- CONTRACTOR TO PHASE FENCE AND CONSTRUCTION TO MAINTAIN VEHICULAR ACCESS TO YARD WASTE AREA AT ALL TIMES.
 - CONTRACTOR TO PROVIDE PRIOR CONSTRUCTION MAINTENANCE OF TRAFFIC PLAN TO ENSURE CONTINUOUS ACCESS TO YARD WASTE AREA.
 - CONTRACTOR TO MEET TURBIDITY REQUIREMENTS OF IRFVCD PERMIT AT ALL TIMES. SHEET PILE DAM MAY BE REQUIRED (WITH OVERFLOW) IF TURBIDITY CANNOT BE MET.
 - REFER TO IRFVCD PERMIT FOR CANAL REQUIREMENTS (PERMIT NO.: U-23-05 AND 23-17)

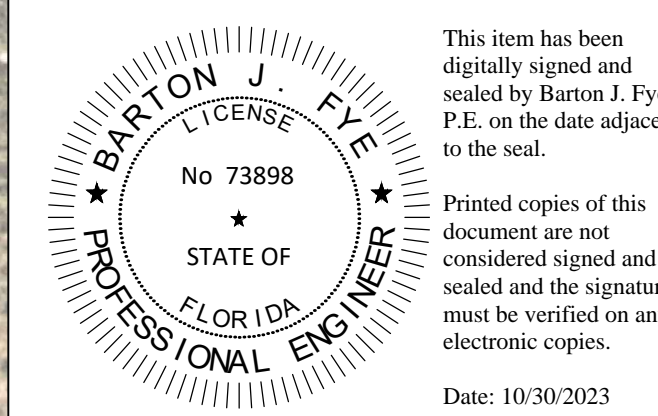
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KHA PROJECT	DATE	SCALE	AS SHOWN	DESIGNED BY	DRAWN BY	CHECKED BY	DATE
047035124	SEPT 2023	AS SHOWN					

**EROSION CONTROL
PLAN**

IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA



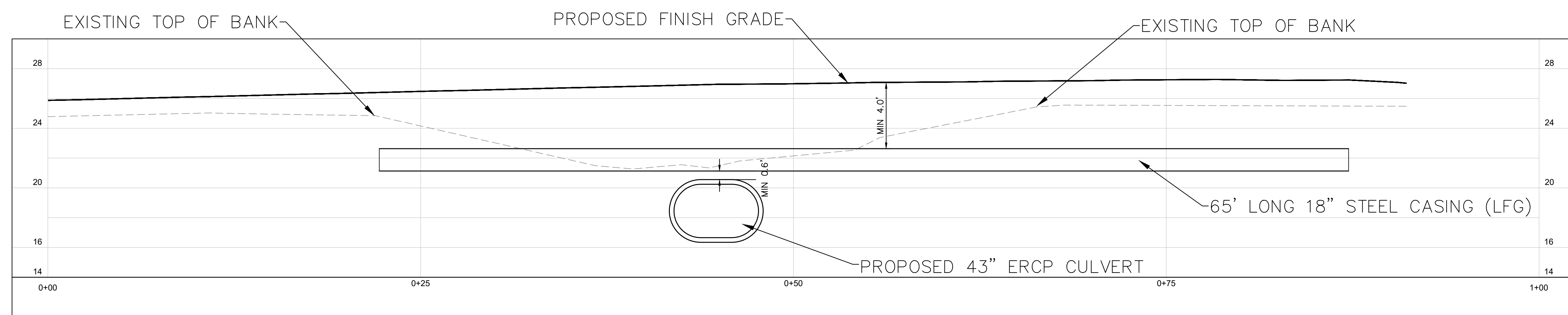
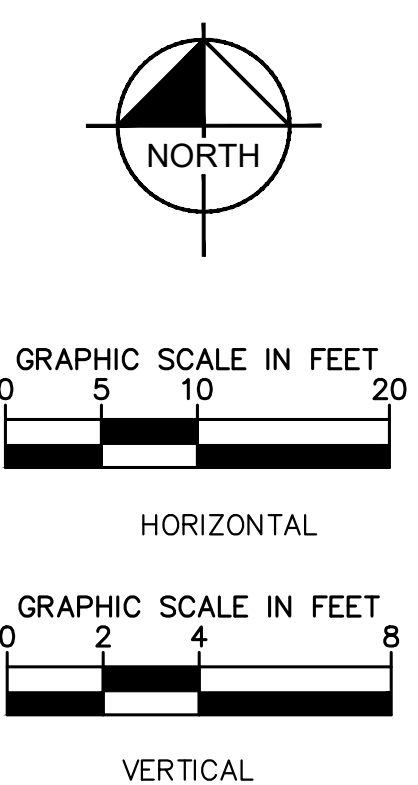
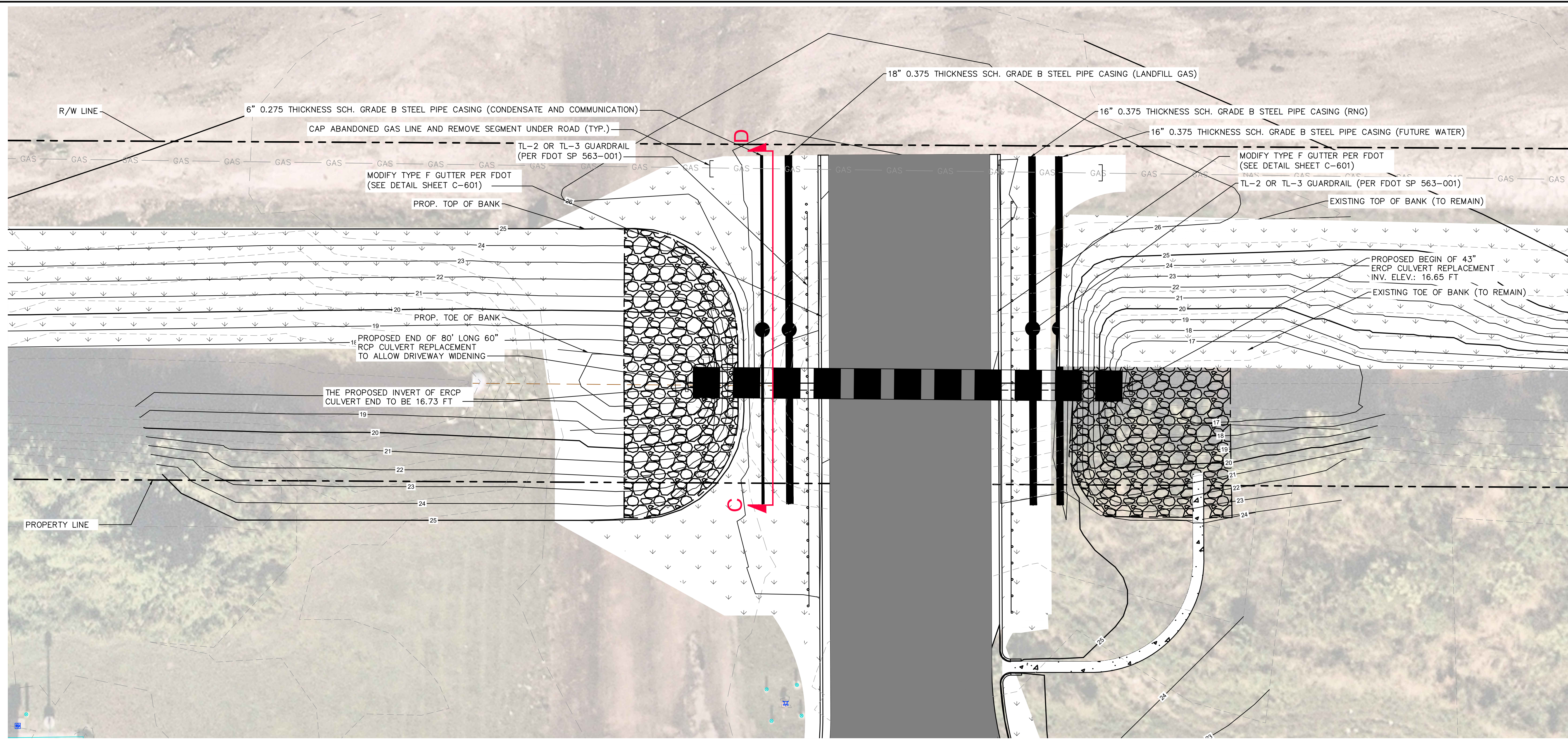
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SHEET NUMBER
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DATUM NAVD88
 C-D DRIVEWAY CROSS SECTION (SOUTH TO NORTH BOUND)
 C-430F SCALE: 4"=1'-0"

Baron J. Fye, P.E.
 LICENSE No 73898
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 Date: 10/30/2023

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NO.	REVISIONS	DATE	BY

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 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM REGISTRY 696

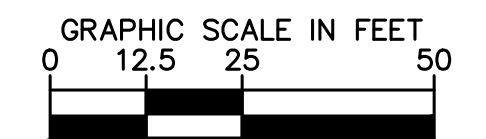
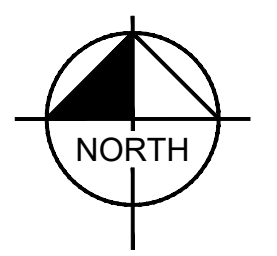
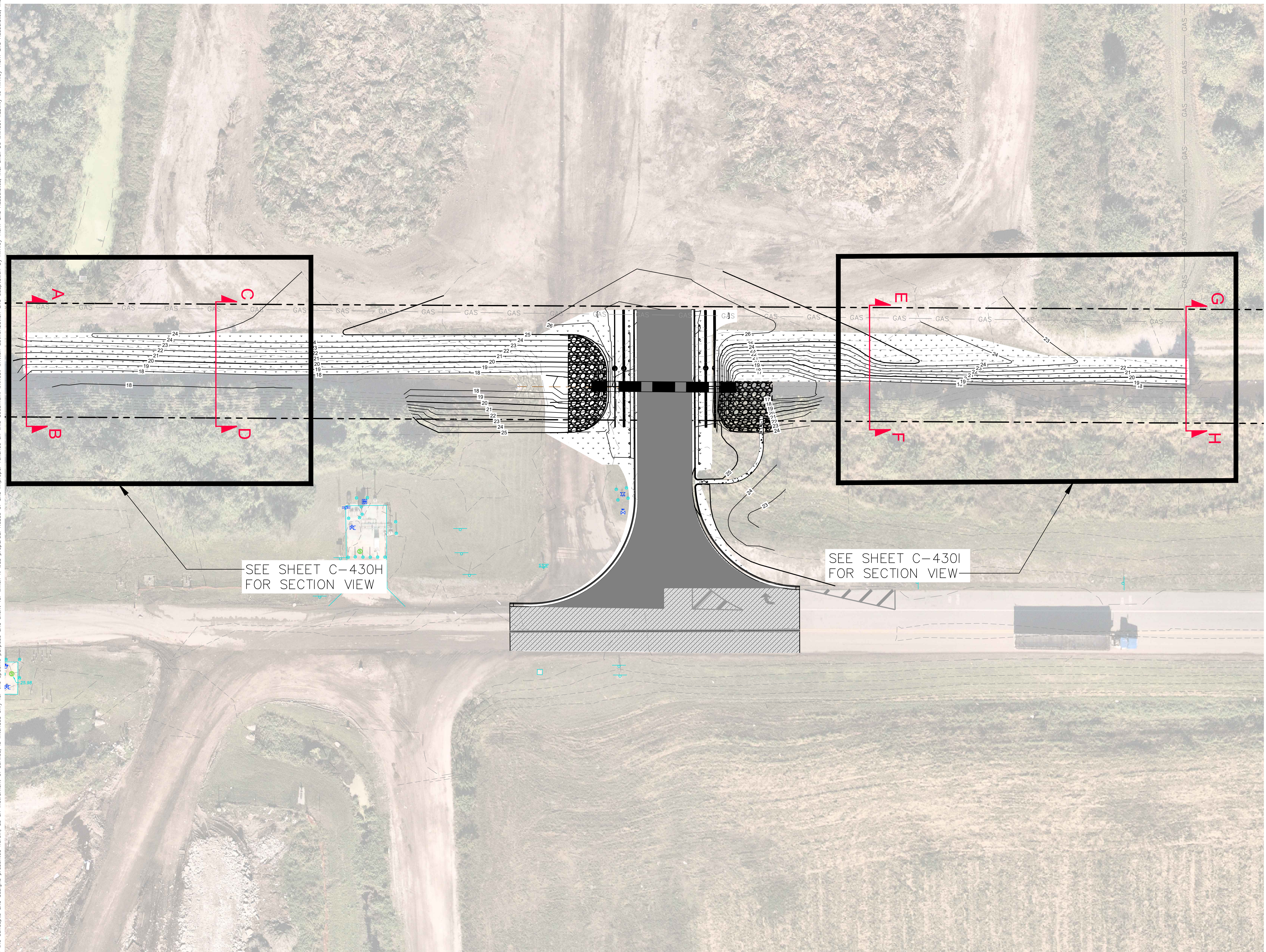
KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
LICENSED PROFESSIONAL	

DRIVEWAY IMPROVEMENT PROFILE

IRC LANDFILL IMPROVEMENTS PREPARED FOR INDIAN RIVER COUNTY FLORIDA

SHEET NUMBER C-430F

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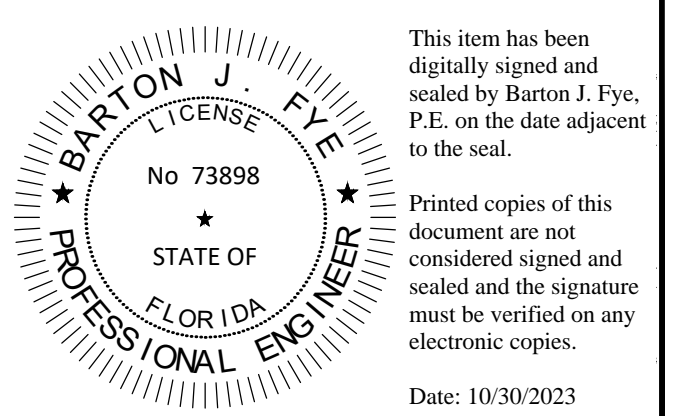


LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	RIP-RAP

	WM	WATER MAIN
	GAS	GAS LINE
	FM	LEACHATE FORCE MAIN
	- - - -	PROPERTY LINE

SEE SHEET C-430H
FOR SECTION VIEW

SEE SHEET C-430I
FOR SECTION VIEW



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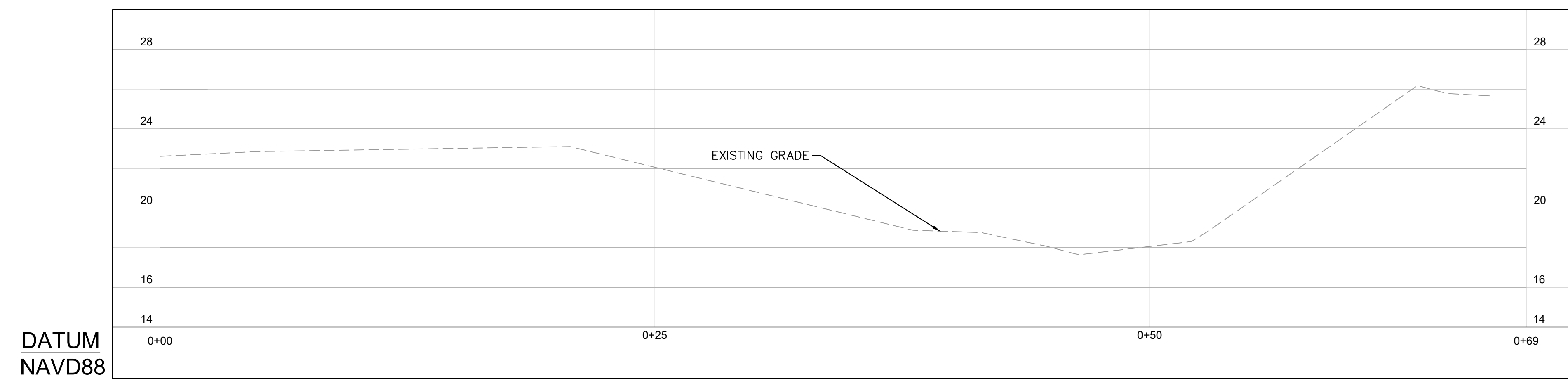
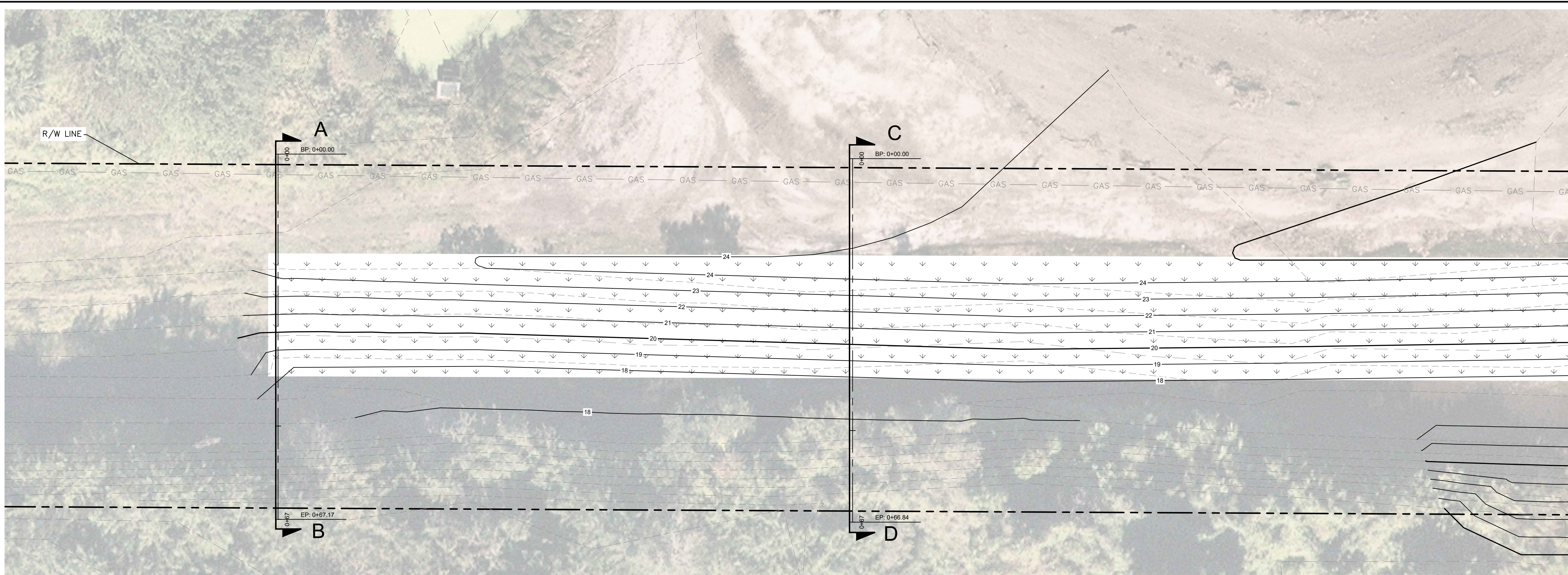
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DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	---
DRAWN BY	JSW
CHECKED BY	---
LICENSED PROFESSIONAL	---
DATE:	---

**OVERALL CANAL
RESTORATION**

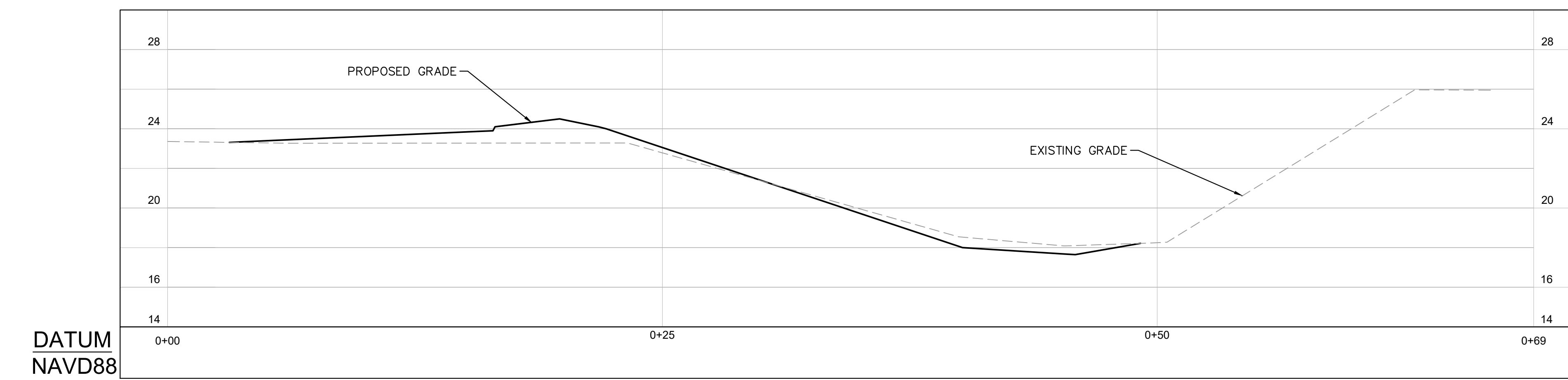
**IRC LANDFILL
IMPROVEMENTS
PREPARED FOR
INDIAN RIVER COUNTY**
FLORIDA

SHEET NUMBER
C-430G

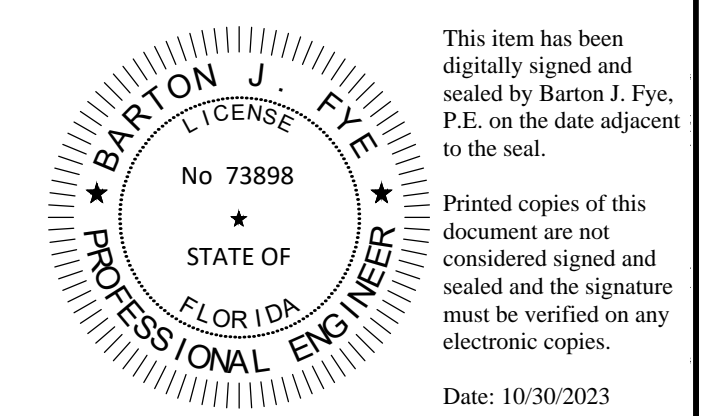
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A-B EXISTING CANAL GRADE (WEST FROM ROADWAY IMPROVEMENT)
C-430H SCALE: 4"=1'-0"



C-D PROPOSED CANAL GRADE RESTORATION (WEST FROM ROADWAY IMPROVEMENT)
C-430H SCALE: 4"=1'-0"



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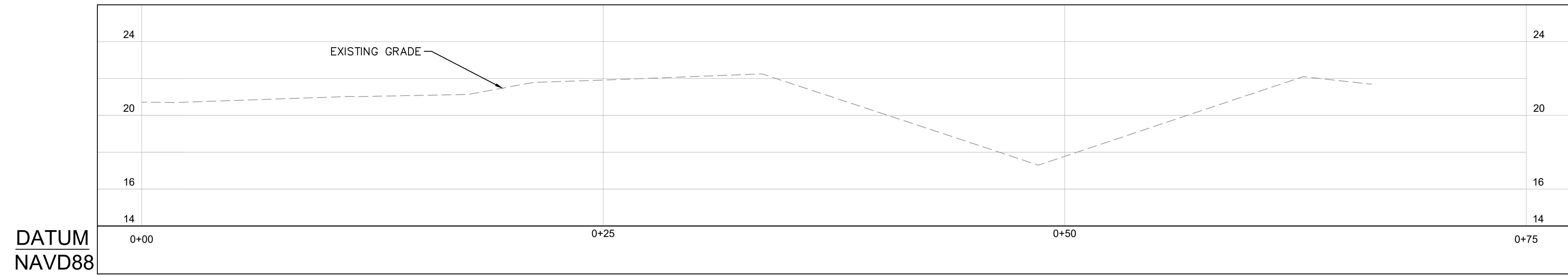
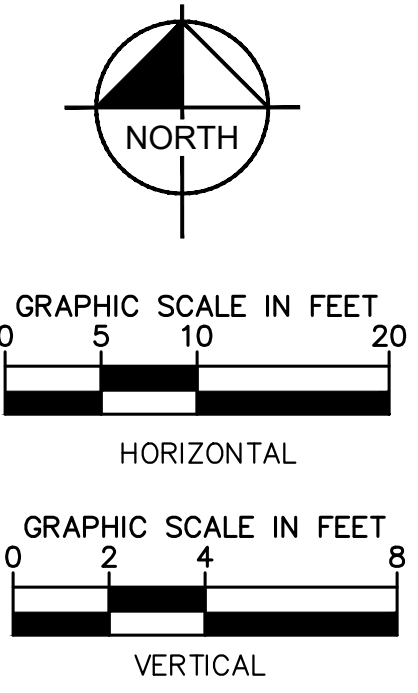
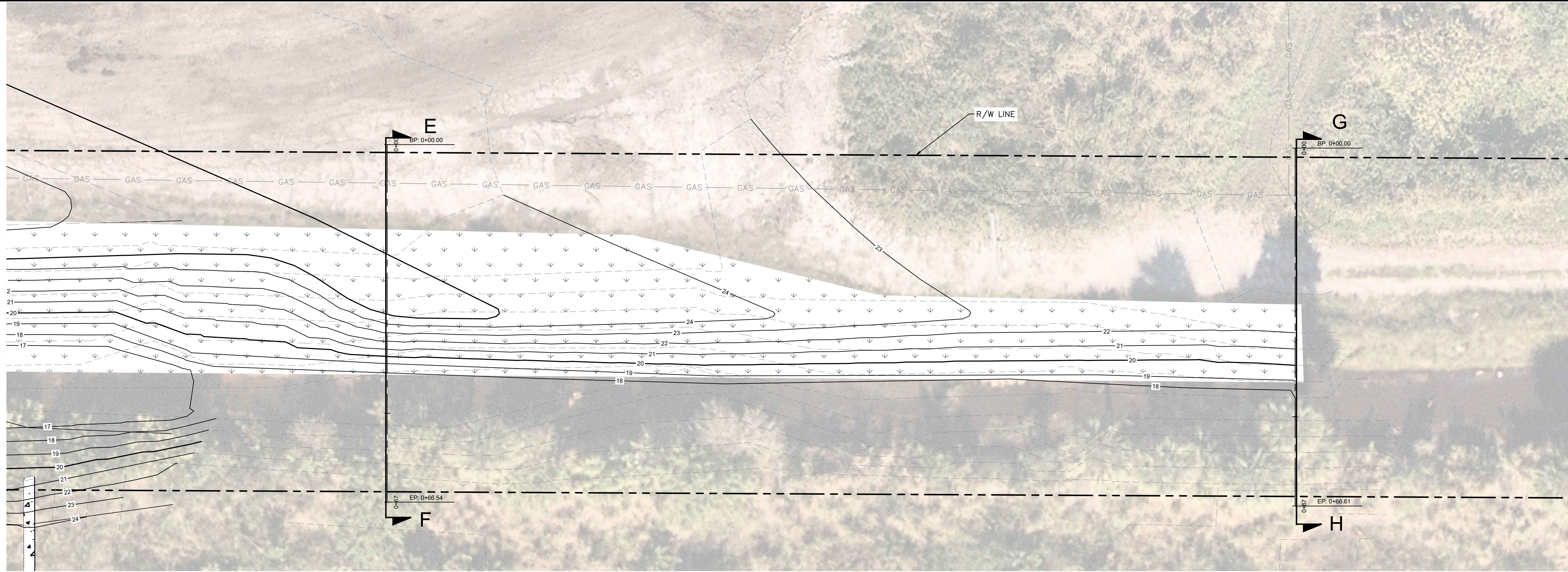
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047035124	SEPT 2023	AS SHOWN		JSW		

WESTERN CANAL RESTORATION

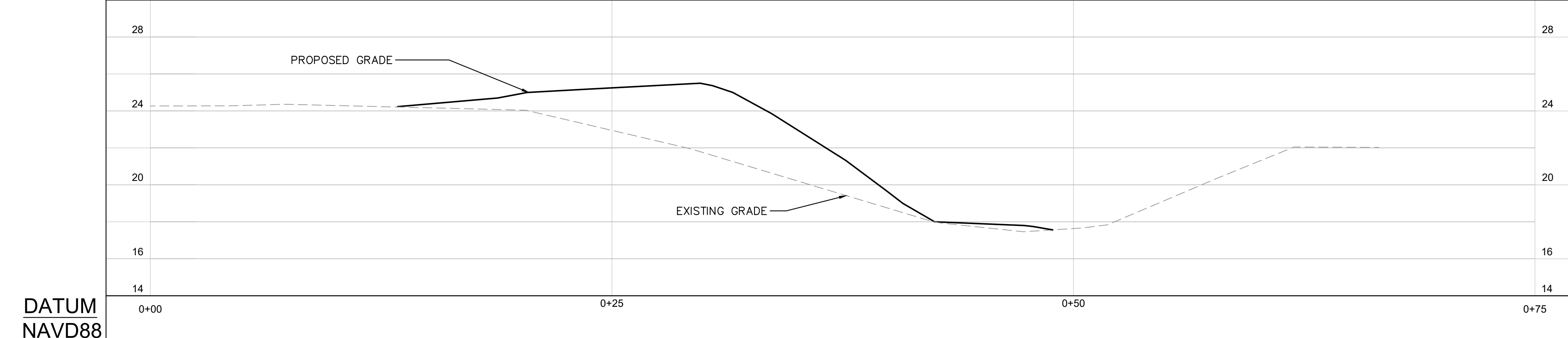
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SHEET NUMBER
C-430H

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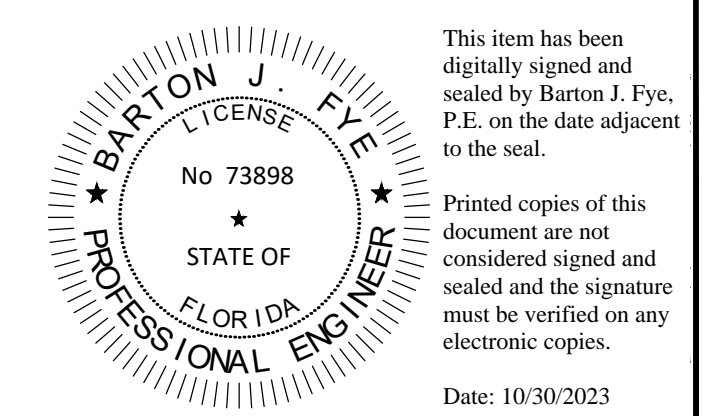


(G-H) EXISTING CANAL GRADE (EAST FROM DRIVEWAY IMPROVEMENT)
C-430I SCALE: 4"=1'-0"



(E-F) PROPOSED CANAL GRADE RESTORATION (EAST FROM DRIVEWAY IMPROVEMENT)
C-430I SCALE: 4"=1'-0"

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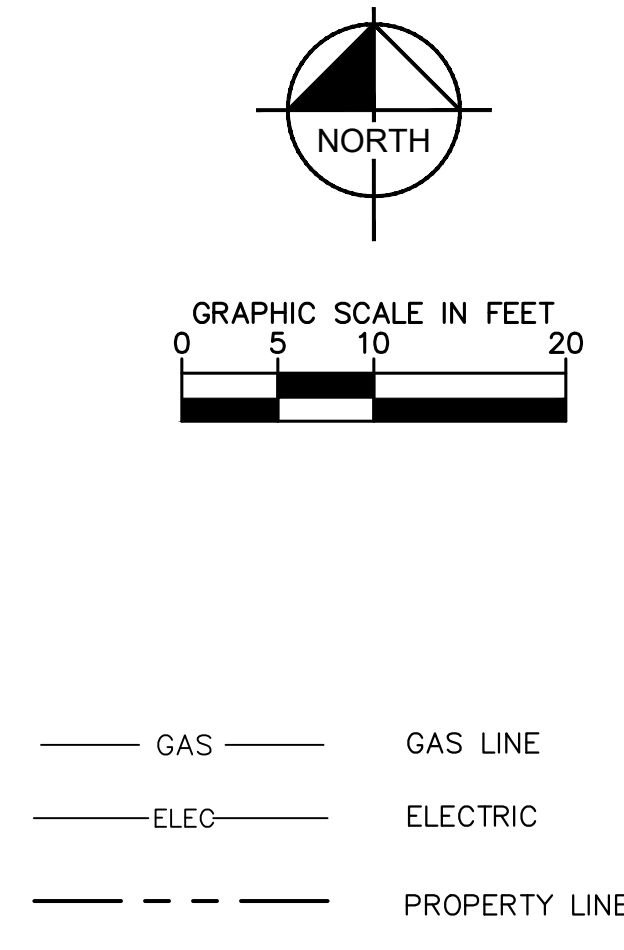
LICENSED PROFESSIONAL	
KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
DATE:	

EASTERN CANAL RESTORATION

IRC LANDFILL IMPROVEMENTS PREPARED FOR INDIAN RIVER COUNTY FLORIDA

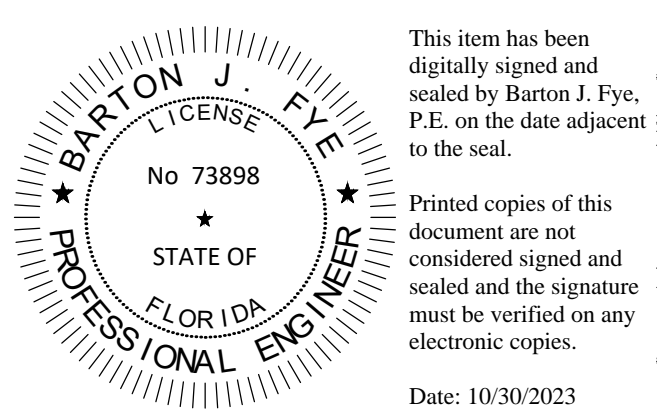
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C-430I

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NOTES:
 1. FOR SITE SURVEY DETAILS REFER DRAWING NO. 6366-13A (3 SHEETS).

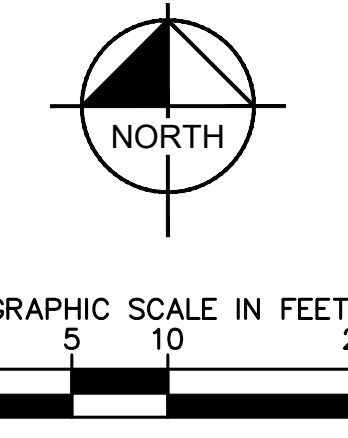
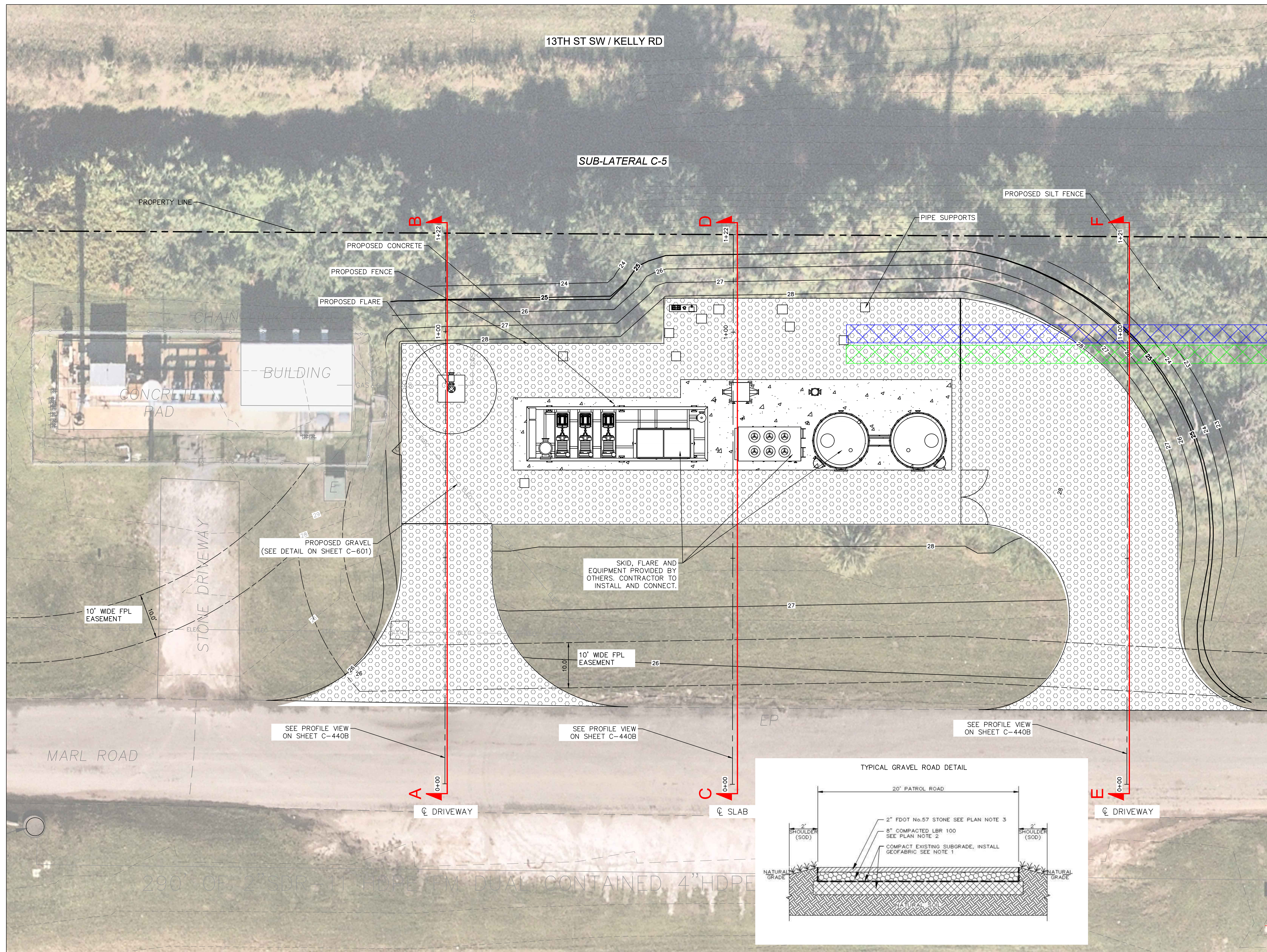
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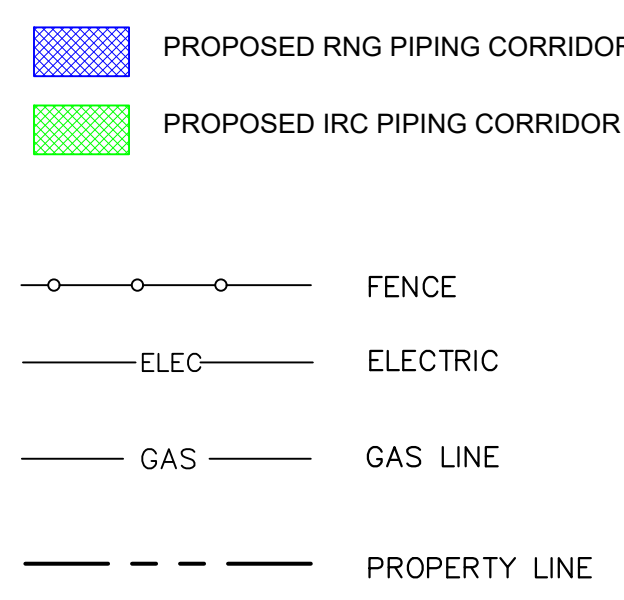
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<p>EXISTING CONDITIONS LANDFILL GAS SYSTEM IMPROVEMENTS</p>	<p>INDIAN RIVER COUNTY IMPROVEMENTS</p>																						
<p>LANDFILL GAS SYSTEM IMPROVEMENTS</p>	<p>INDIAN RIVER COUNTY FLORIDA</p>																						
<p>KHA PROJECT: 047035124 DATE: SEPT 2023 SCALE: AS SHOWN DESIGNED BY: JSW DRAWN BY: JSW CHECKED BY: JSW</p>	<p>LICENSED PROFESSIONAL DATE: _____</p>																						
<p>Kimley & Horn</p> <p>© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 445 24th ST SUITE 200, VERO BEACH, FL 32960 PHONE: 772-794-4100 WWW.KIMLEY-HORN.COM REGISTRY 696</p>																							
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No.	DATE																						
<p>SHEET NUMBER C-440</p>																							

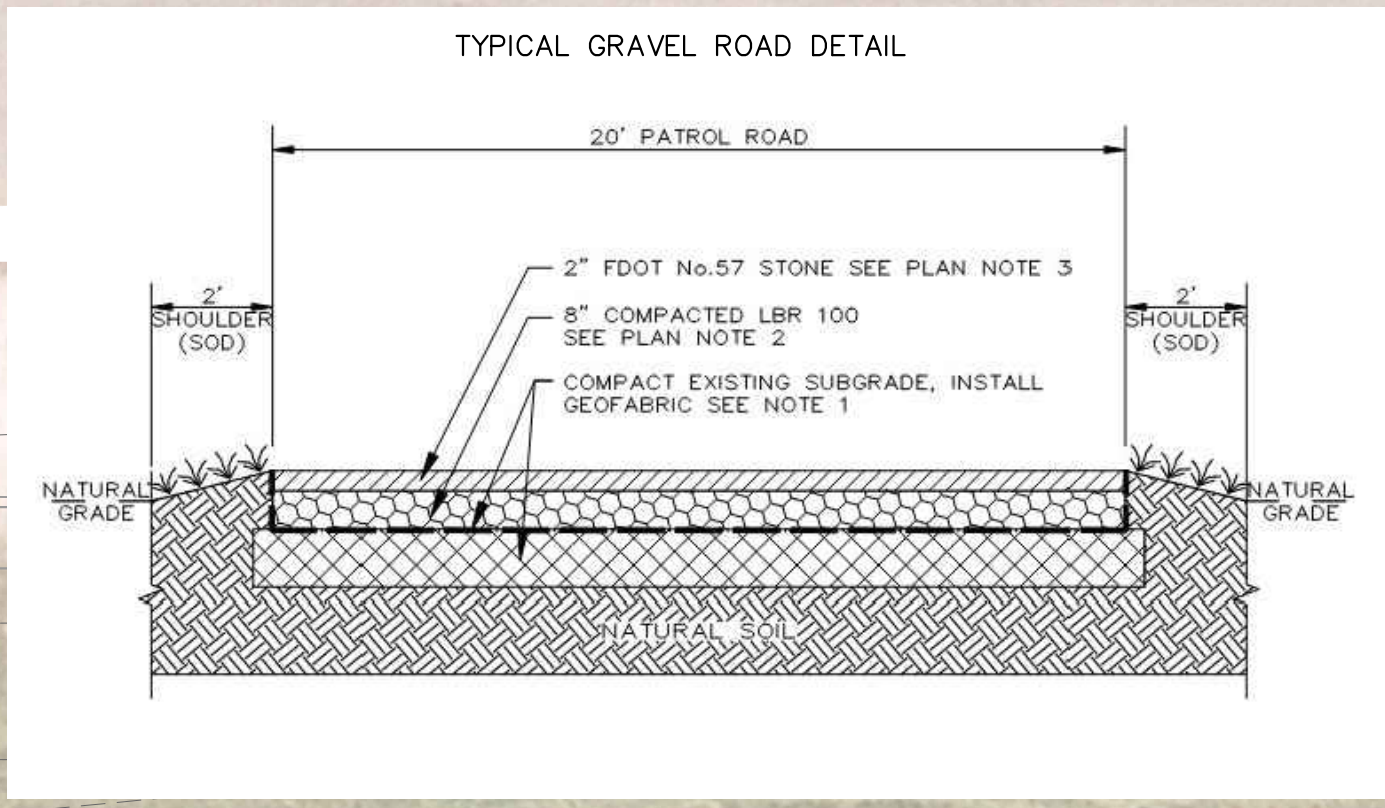
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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVING
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	PROPOSED RNG PIPING CORRIDOR
	PROPOSED IRC PIPING CORRIDOR
	FENCE
	ELEC. ELECTRIC
	GAS. GAS LINE
	PROPERTY LINE

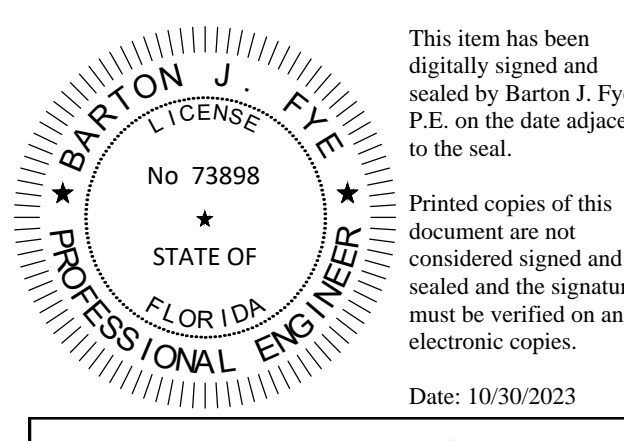


NOTE:
 1. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH FOOT SPECIFICATION 110.
 2. EXCAVATION AND COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH FOOT SPECIFICATION 120.



- NOTES:**
- FOR SITE SURVEY DETAILS REFER DRAWING NO. 6366-13A (3 SHEETS).
 - COORDINATE INSTALLATION OF THE LFG HEADER WITH OPERATIONS TO LIMIT TRAFFIC INTERFERENCE.
 - CONTRACTOR TO FIELD VERIFY THE UTILITY LOCATION AT SITE PRIOR TO DIGGING; CALL SUNSHINE 811 AT LEAST TWO DAYS PRIOR TO DIGGING IN CASE UTILITIES HAVE TO BE LOCATED AND MARKED.
 - RNG AND IRC PIPING TO TERMINATE APPROX. 200 FT. OF EAST OF DRIVEWAY AND CONNECT TO EXISTING PIPELINES (INSTALLED BY OTHERS).

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KHA PROJECT: 047035124
 DATE: SEPT 2023
 SCALE: AS SHOWN
 DESIGNED BY: [blank]
 DRAWN BY: JSW
 CHECKED BY: [blank]

LICENSED PROFESSIONAL ENGINEER
 DATE: [blank]

PROPOSED SITE PLAN
 LANDFILL GAS
 SYSTEM
 IMPROVEMENTS

IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

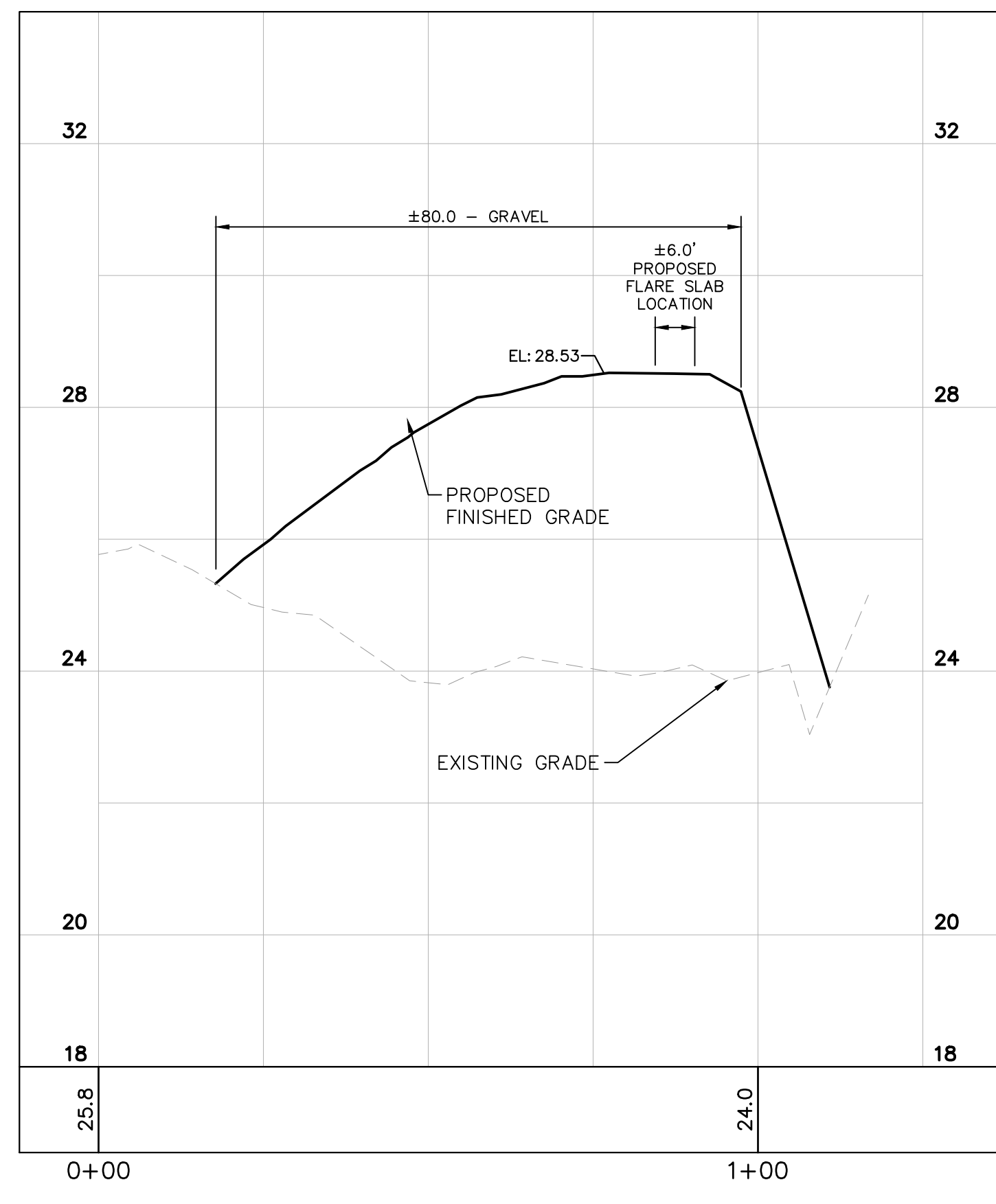
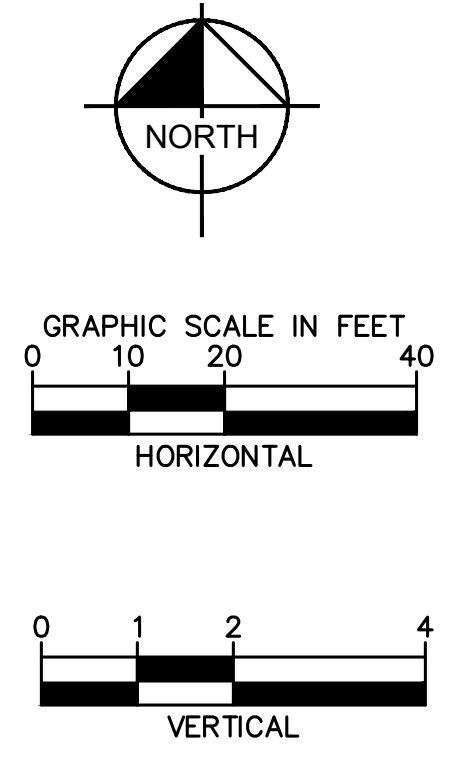
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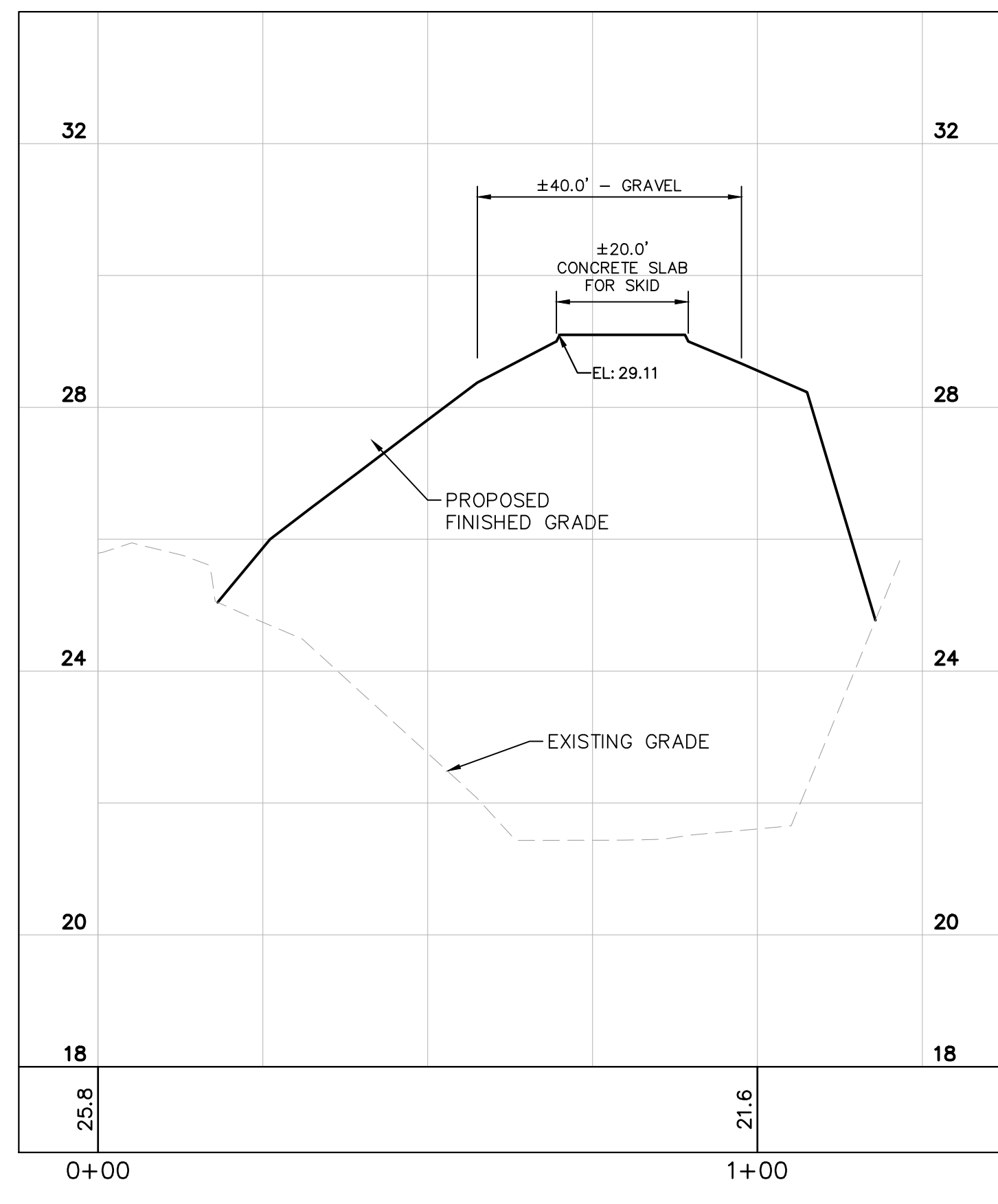
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REVISIONS
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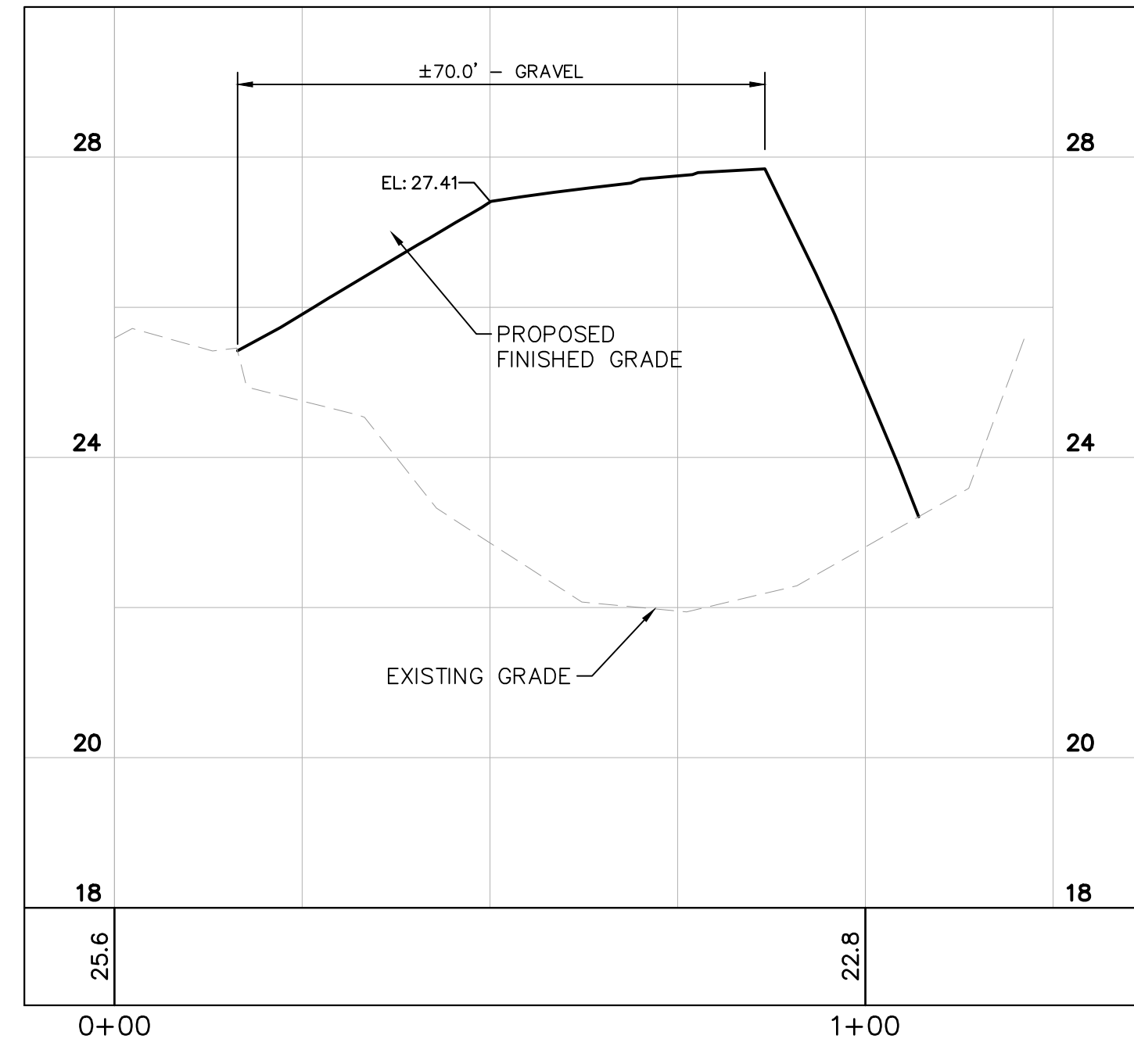
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DATUM NAVD88
A-B
 C-440A CENTER ALIGNMENT OF PROPOSED SKID WEST DRIVEWAY
 SCALE: 2"=1'-0"



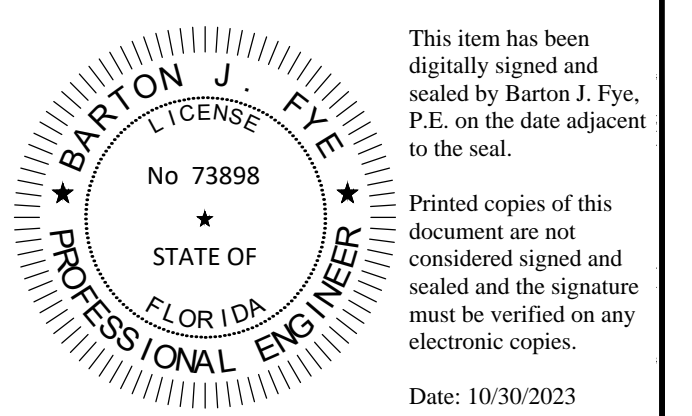
DATUM NAVD88
C-D
 C-440A CENTER ALIGNMENT OF PROPOSED SKID CONCRETE SLAB
 SCALE: 2"=1'-0"



DATUM NAVD88
F-G
 C-440A CENTER ALIGNMENT OF PROPOSED SKID EAST DRIVEWAY
 SCALE: 2"=1'-0"

- NOTES:**
- FOR SITE SURVEY DETAILS REFER DRAWING NO. 6366-13A (3 SHEETS).
 - COORDINATE INSTALLATION OF THE LFG HEADER WITH OPERATIONS TO LIMIT TRAFFIC INTERFERENCE.
 - CONTRACTOR TO FIELD VERIFY THE UTILITY LOCATION AT SITE PRIOR TO DIGGING; CALL SUNSHINE 811 AT LEAST TWO DAYS PRIOR TO DIGGING IN CASE UTILITIES HAVE TO BE LOCATED AND MARKED.
 - RNG AND IRC PIPING TO TERMINATE APPROX. 200 FT. OF EAST OF DRIVEWAY AND CONNECT TO EXISTING PIPELINES (INSTALLED BY OTHERS).
 - ALL ELEVATION REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

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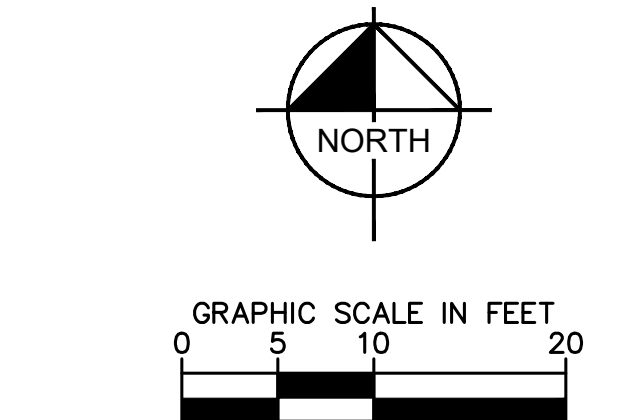
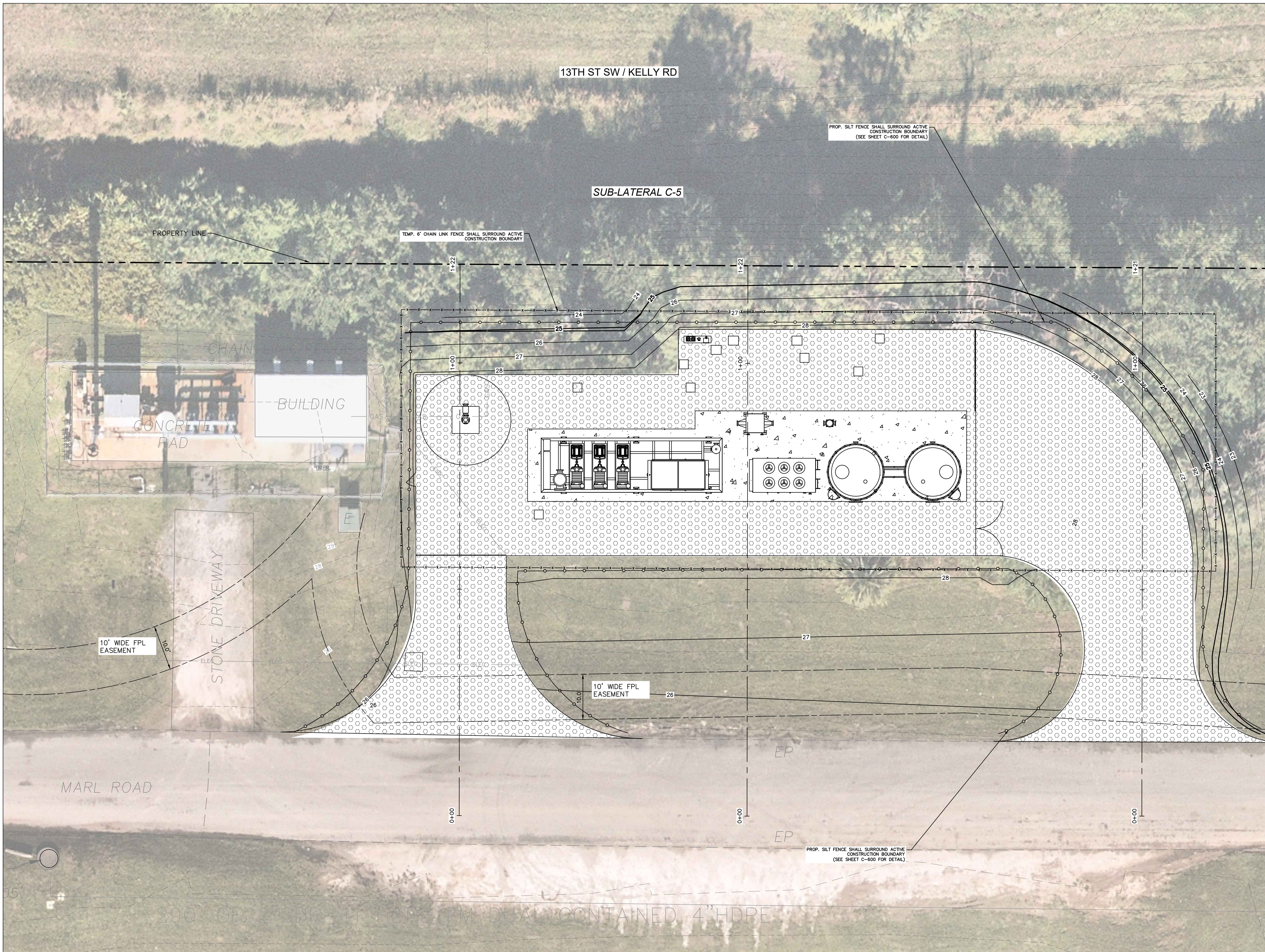
LICENSED PROFESSIONAL
 KHA PROJECT 047035124
 DATE SEPT 2023
 SCALE AS SHOWN
 DESIGNED BY JSW
 DRAWN BY JSW
 CHECKED BY JSW
 DATE:

PROFILE VIEW OF
 PROPOSED LFG
 SYSTEM
 IMPROVEMENTS

IRC LANDFILL
 IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY
 FLORIDA

SHEET NUMBER
C-440B

Plotted By: Blum, Brandon. Sheet Set: 047035127. Layout: C-440C. Drainage and Erosion Control Plan. September 20, 2023. 11:32:50am. K:\VRB-WaterResources\047035125-IRC Landfill Improvements\CADD\PlanSheets\C-400.dwg
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LEGEND

	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD
	SILT FENCE
	ELECTRIC
	GAS LINE
	PROPERTY LINE
	CHAIN LINK FENCE

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LICENSED PROFESSIONAL

KHA PROJECT 047035124	DATE SEPT 2023	SCALE AS SHOWN	DESIGNED BY JWS	CHECKED BY JWS
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DRAINAGE AND EROSION CONTROL PLAN

IRC LANDFILL IMPROVEMENTS
 PREPARED FOR
 INDIAN RIVER COUNTY, FLORIDA

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Sunshine 811

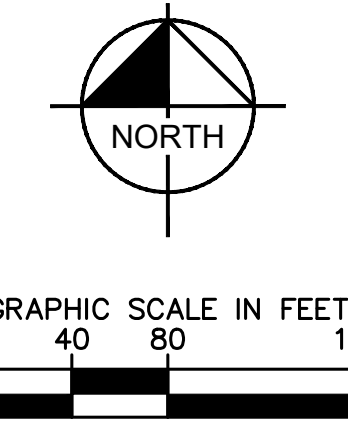
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- NOTES:**
- FOR SITE SURVEY DETAILS REFER DRAWING NO. 6366-13A (3 SHEETS).
 - COORDINATE INSTALLATION OF THE LFG HEADER WITH OPERATIONS TO LIMIT TRAFFIC INTERFERENCE.
 - CONTRACTOR TO FIELD VERIFY THE UTILITY LOCATION AT SITE PRIOR TO DIGGING; CALL SUNSHINE 811 AT LEAST TWO DAYS PRIOR TO DIGGING IN CASE UTILITIES HAVE TO BE LOCATED AND MARKED.

SHEET NUMBER
C-440C

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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD

	FENCE
	WM WATER MAIN
	ELEC ELECTRIC
	STM STORMWATER
	SS SANITARY SEWER
	FM LEACHATE FORCE MAIN
	PROPERTY LINE

No.	REVISIONS	DATE	BY

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KHA PROJECT	047035124
DATE	SEPT 2023
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	JSW
CHECKED BY	
DATE:	

OVERALL DRAINAGE PLAN

IRC LANDFILL IMPROVEMENTS PREPARED FOR INDIAN RIVER COUNTY FLORIDA

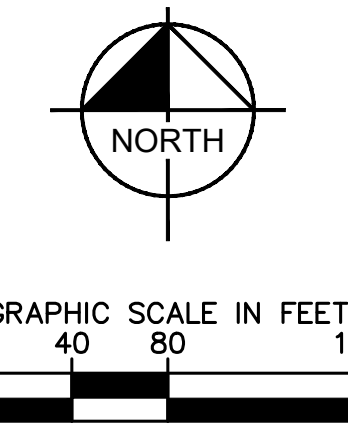
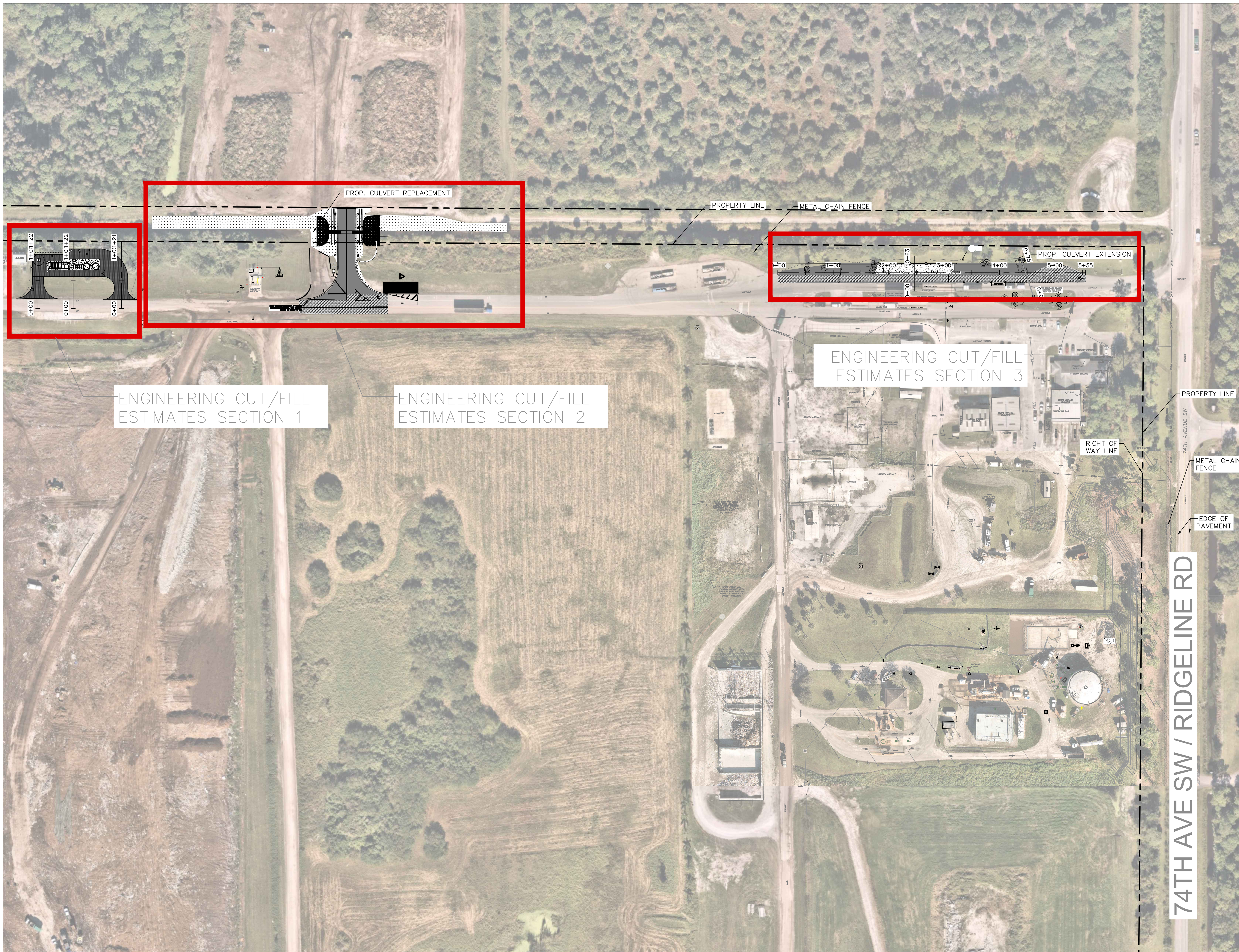
Professional Engineer Seal for Barton J. Fye, No. 73898, State of Florida. License No. 73898. Date: 10/30/2023.

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SHEET NUMBER C-500

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LEGEND	
	EXISTING CONCRETE
	EXISTING GRAVEL
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	NEW ASPHALT PAVEMENT
	ASPHALT MILLING & RESURFACING
	PROPOSED SOD

	FENCE
	WM WATER MAIN
	ELEC ELECTRIC
	STM STORMWATER
	SS SANITARY SEWER
	FM LEACHATE FORCE MAIN
	PROPERTY LINE

SECTION 1	
CUT/FILL ESTIMATES (CUBIC YARD)	
CUT	0.13
FILL	2944.94
NET	2944.81 (FILL)

SECTION 2	
CUT/FILL ESTIMATES (CUBIC YARD)	
CUT	640.41
FILL	1526.96
NET	886.55 (FILL)

SECTION 3	
CUT/FILL ESTIMATES (CUBIC YARD)	
CUT	54.78
FILL	700.85
NET	646.07 (FILL)

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No.	REVISIONS	DATE	BY

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 WWW.KIMLEY-HORN.COM REGISTRY 696

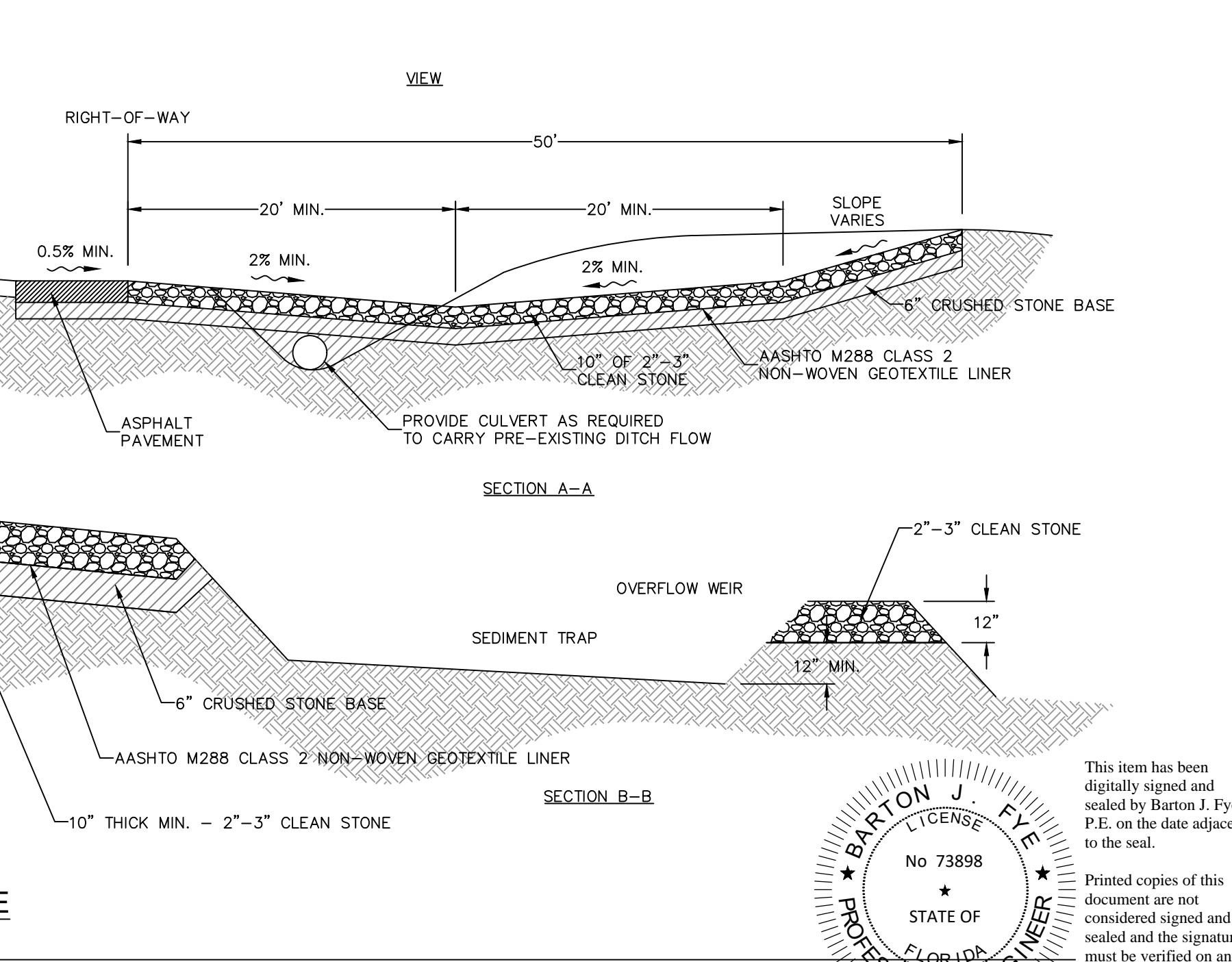
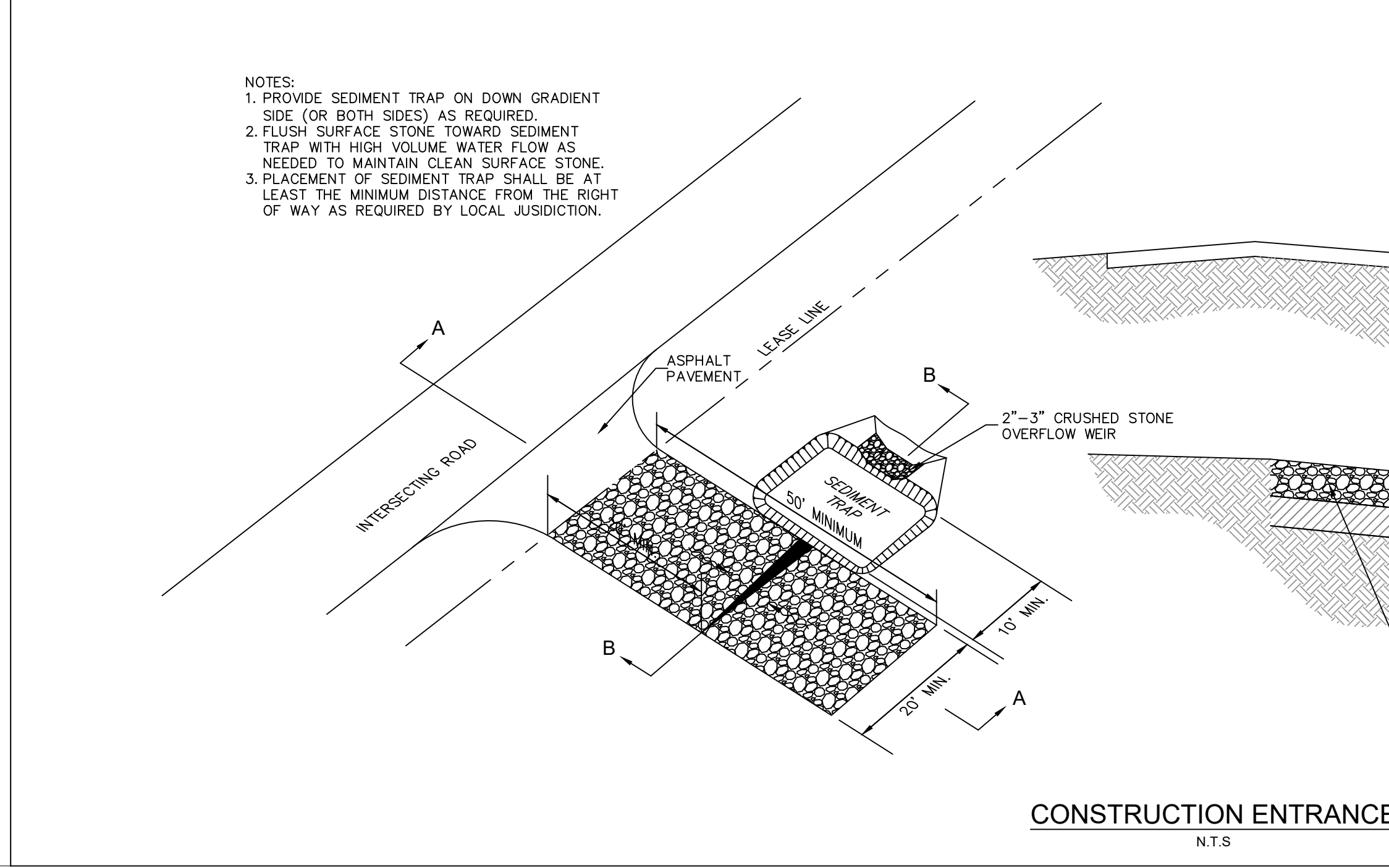
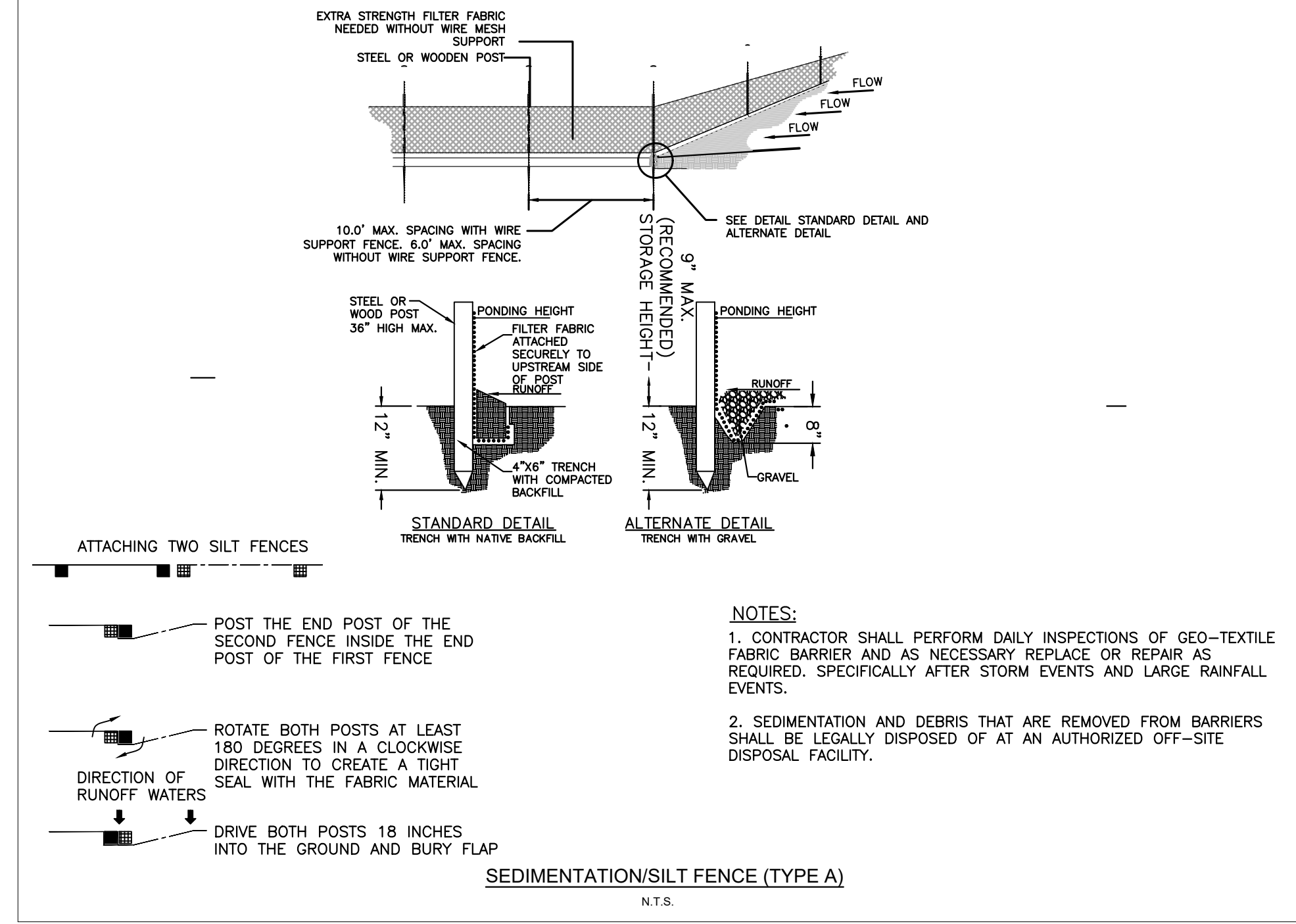
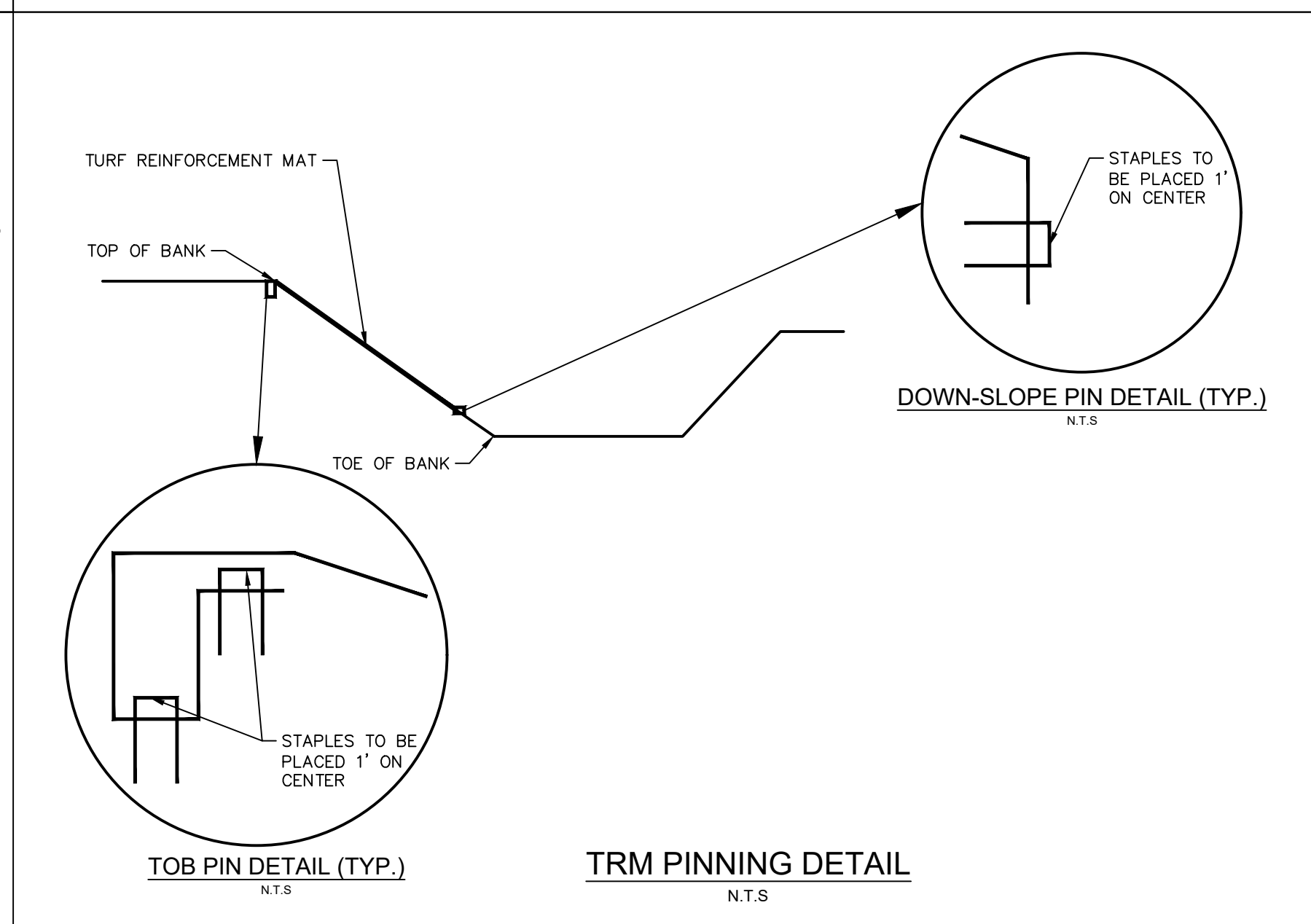
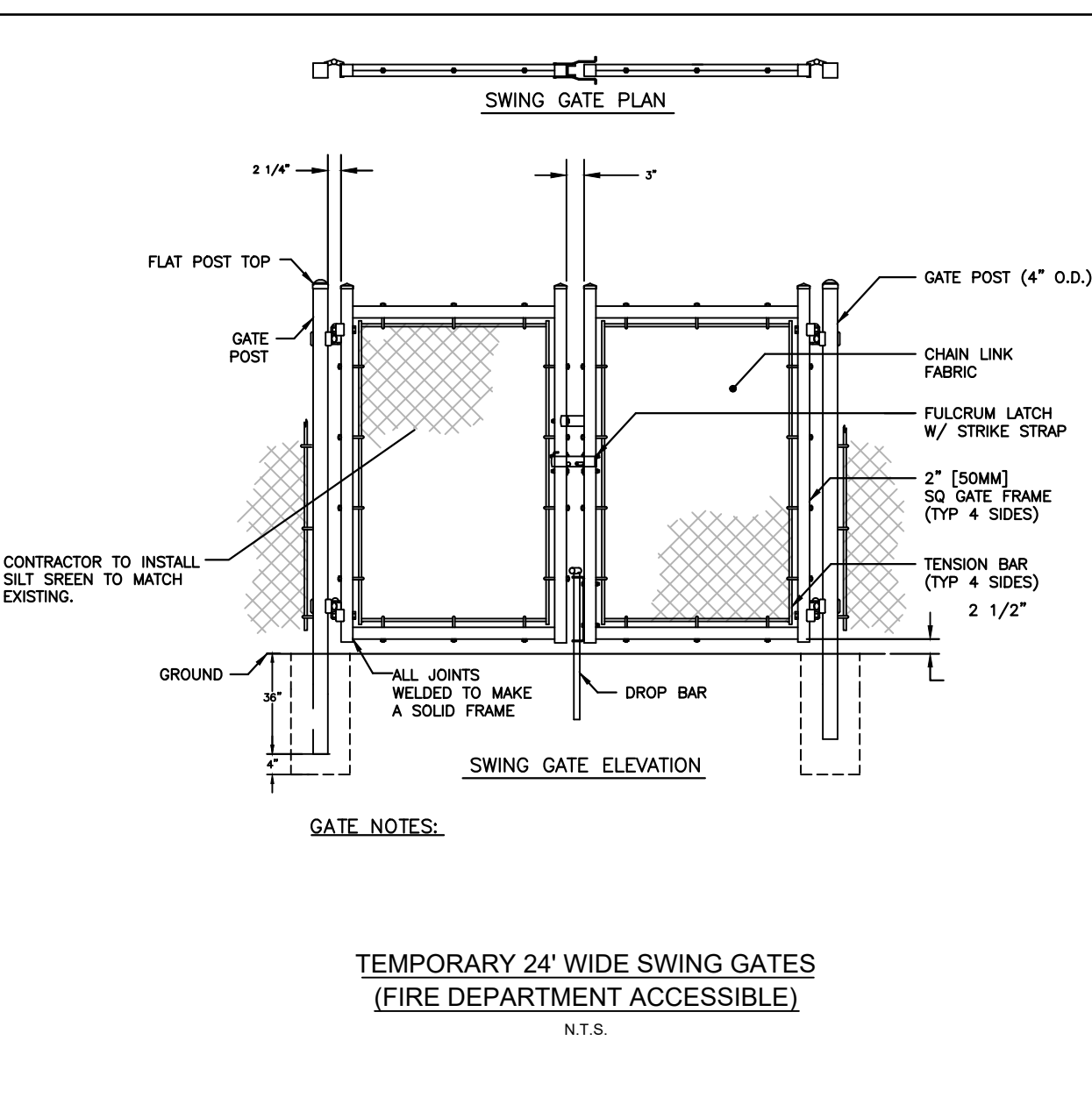
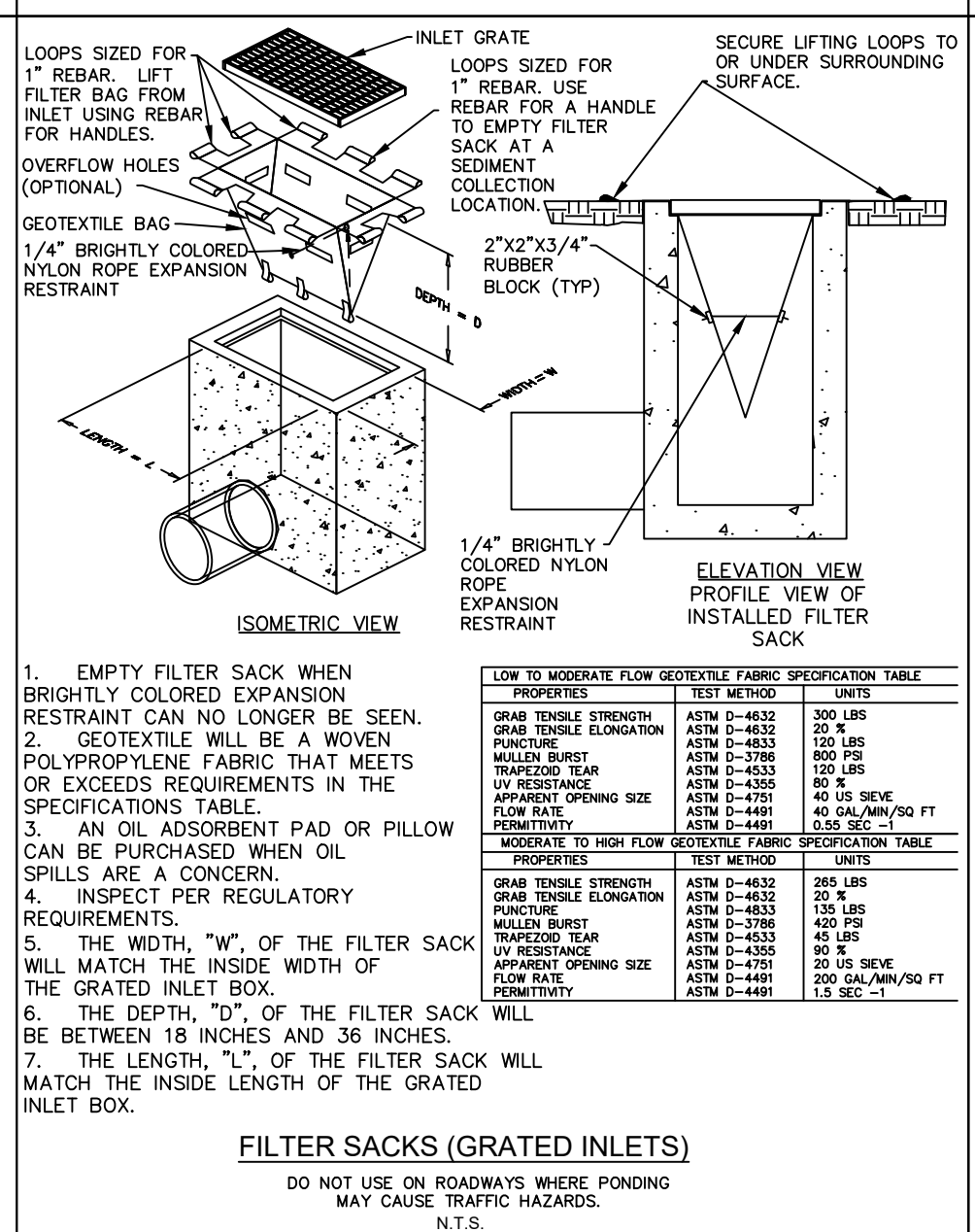
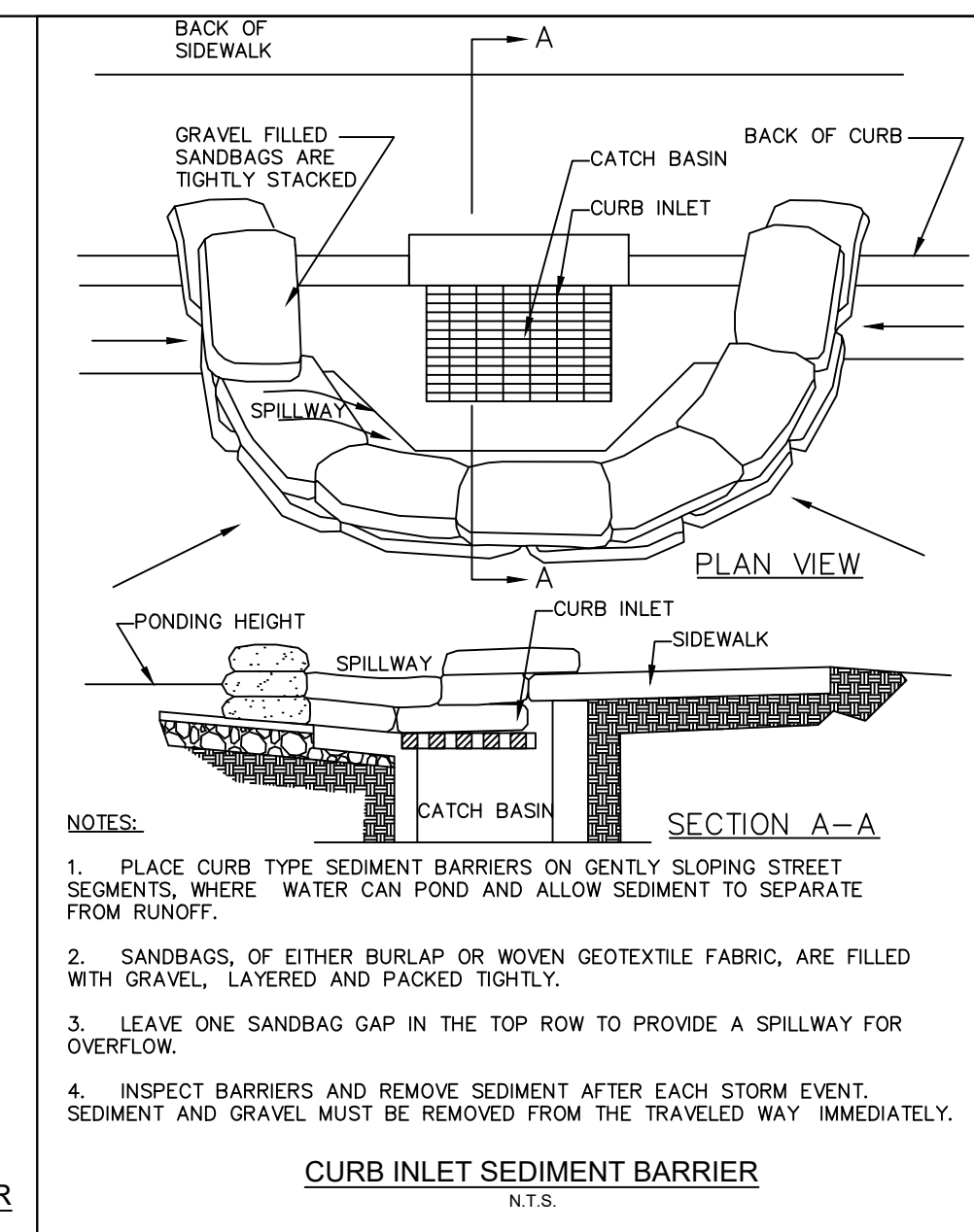
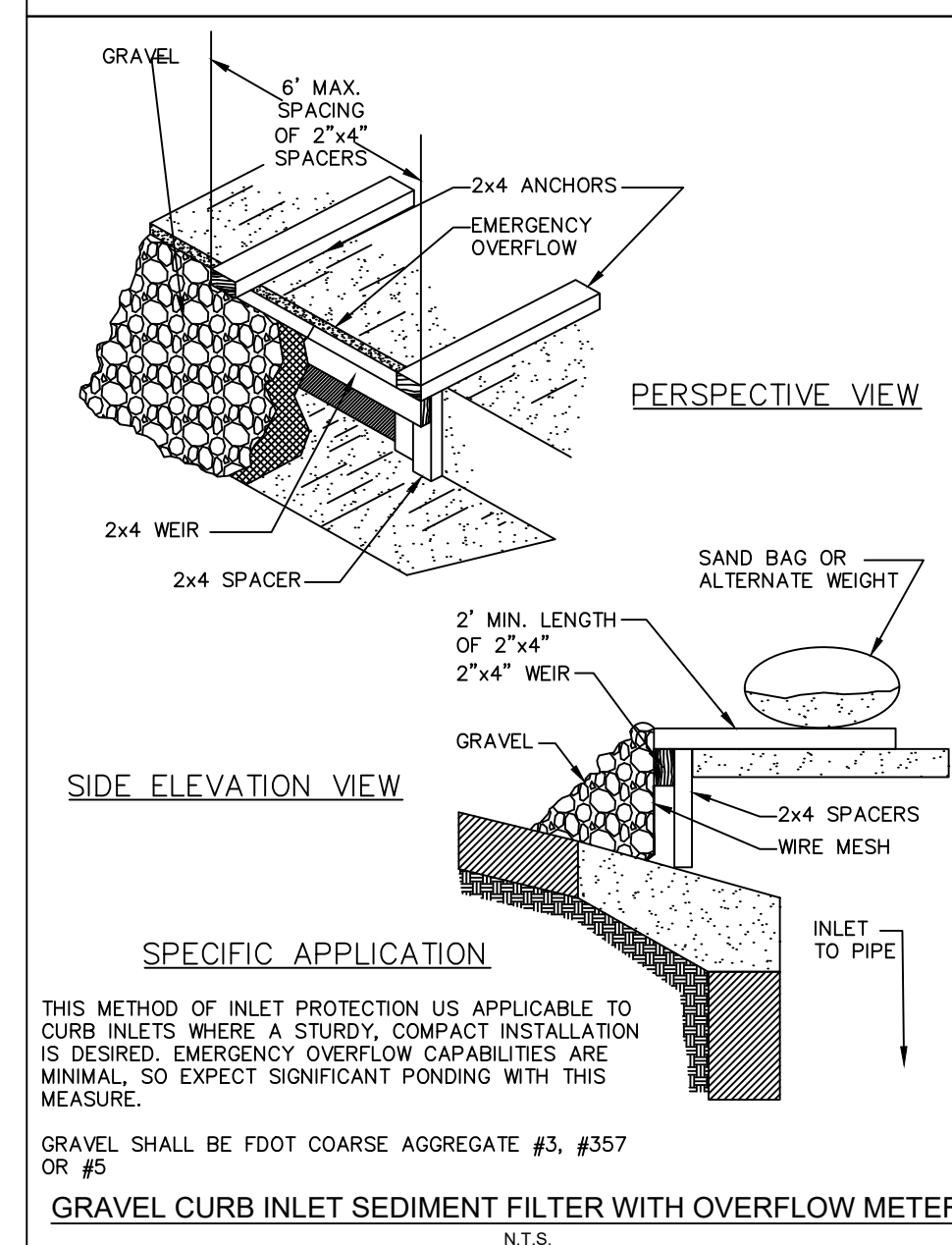
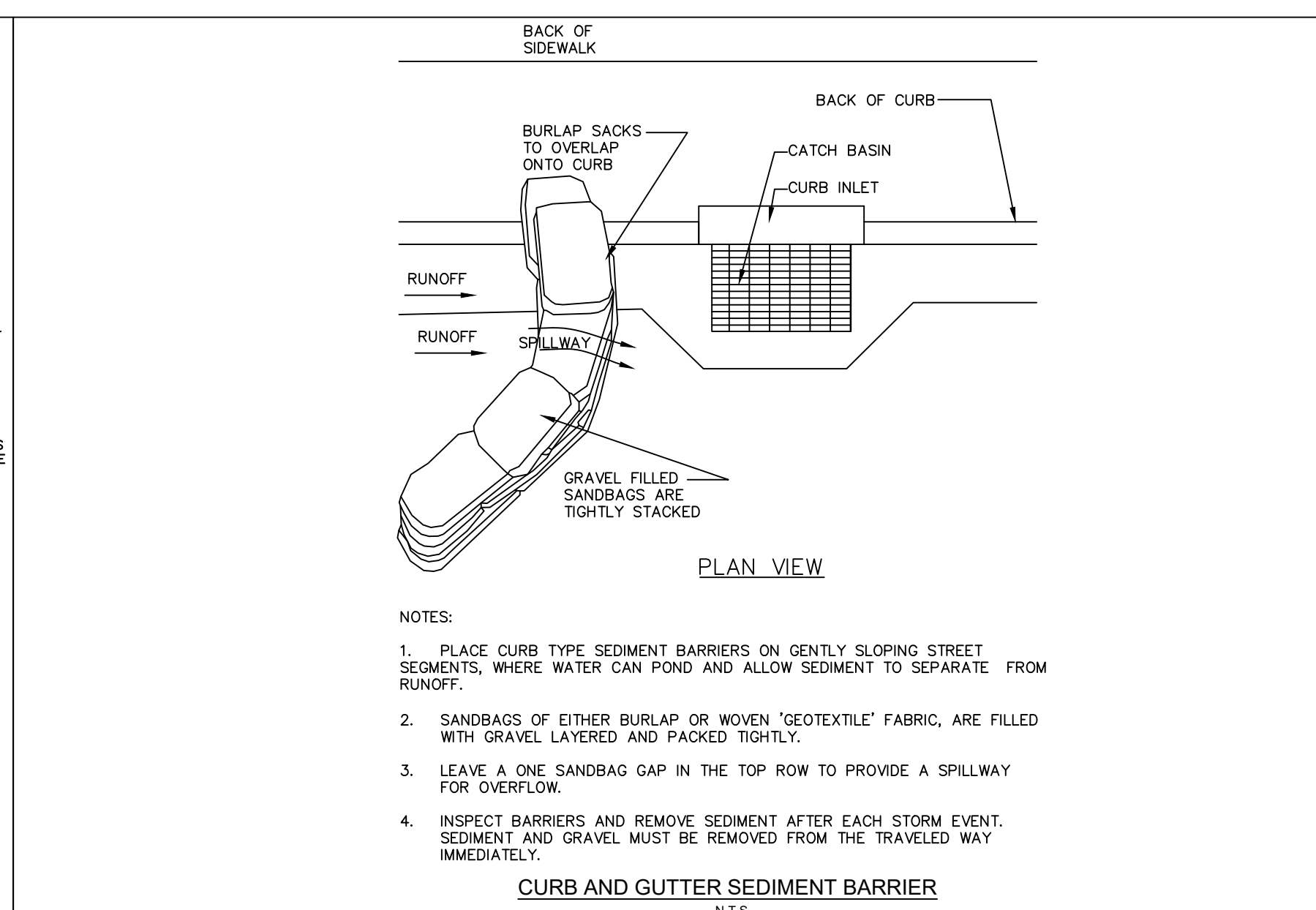
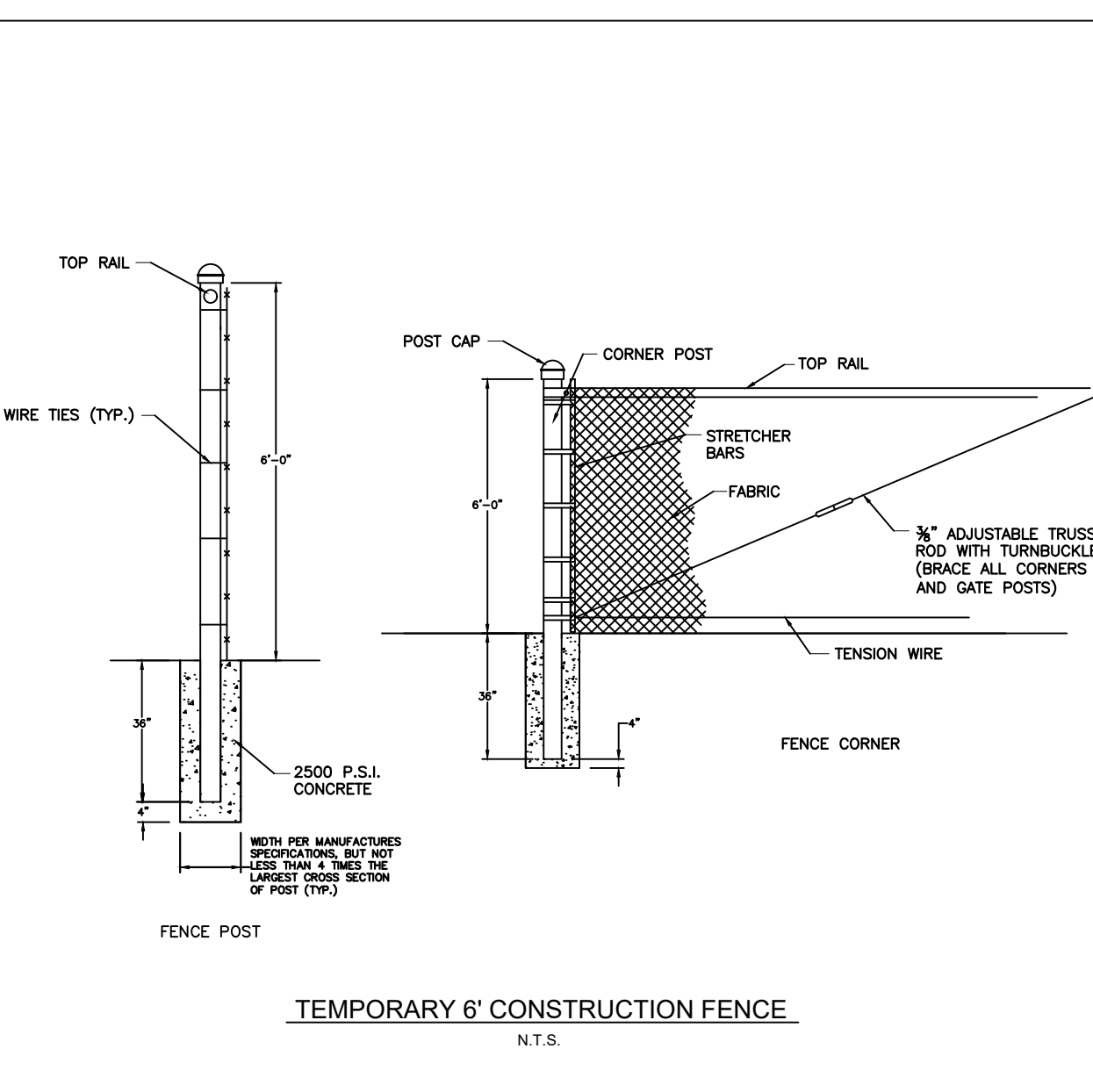
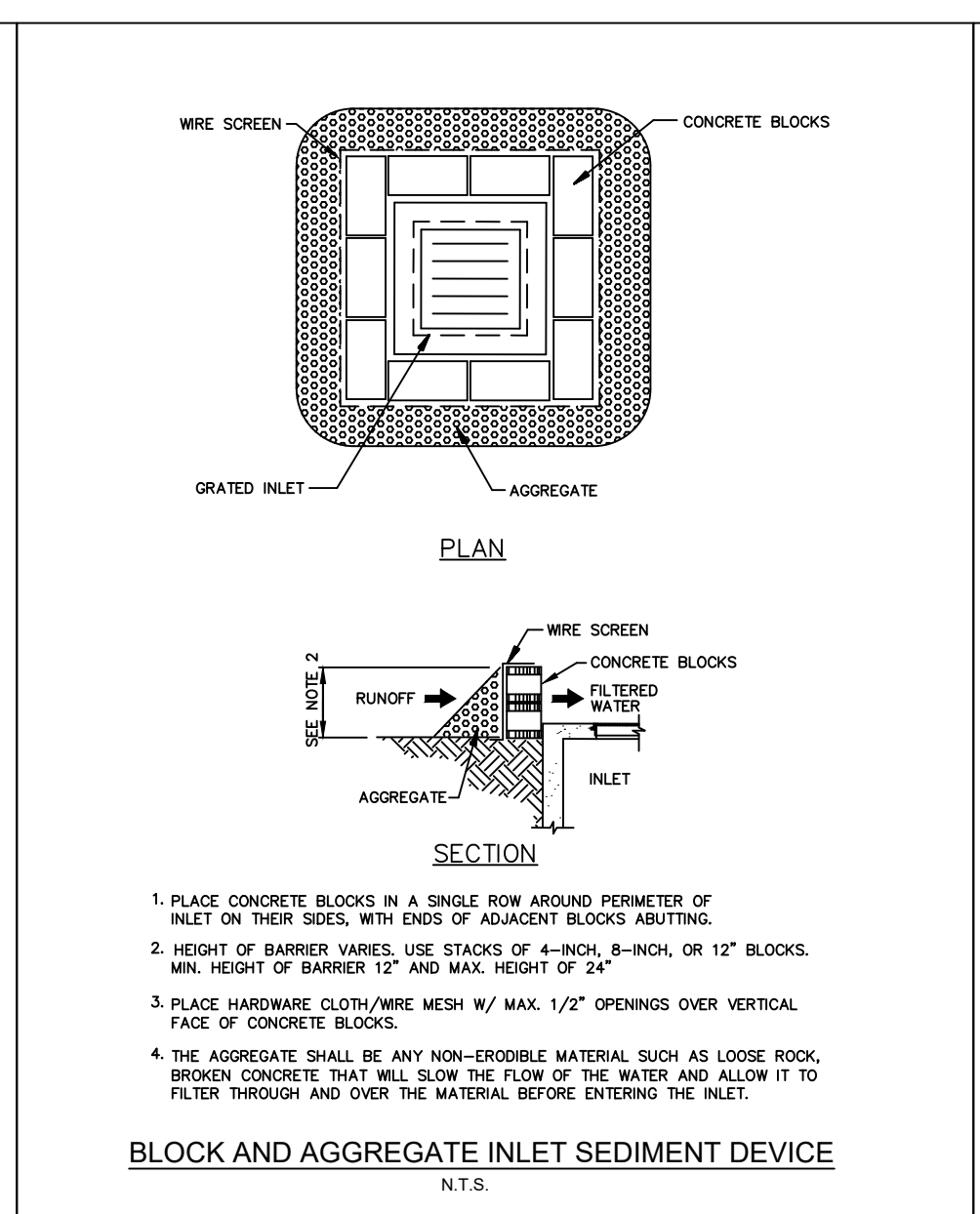
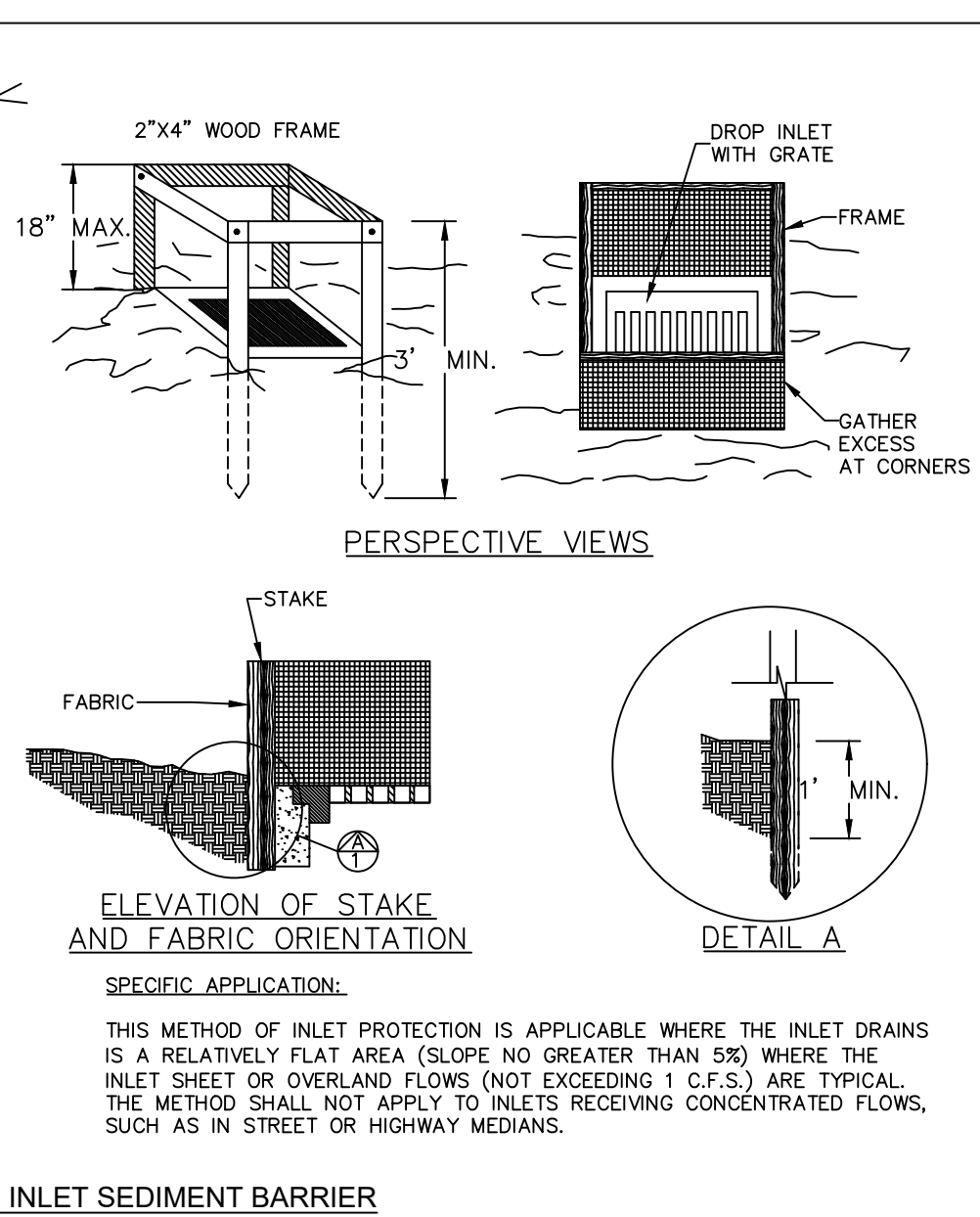
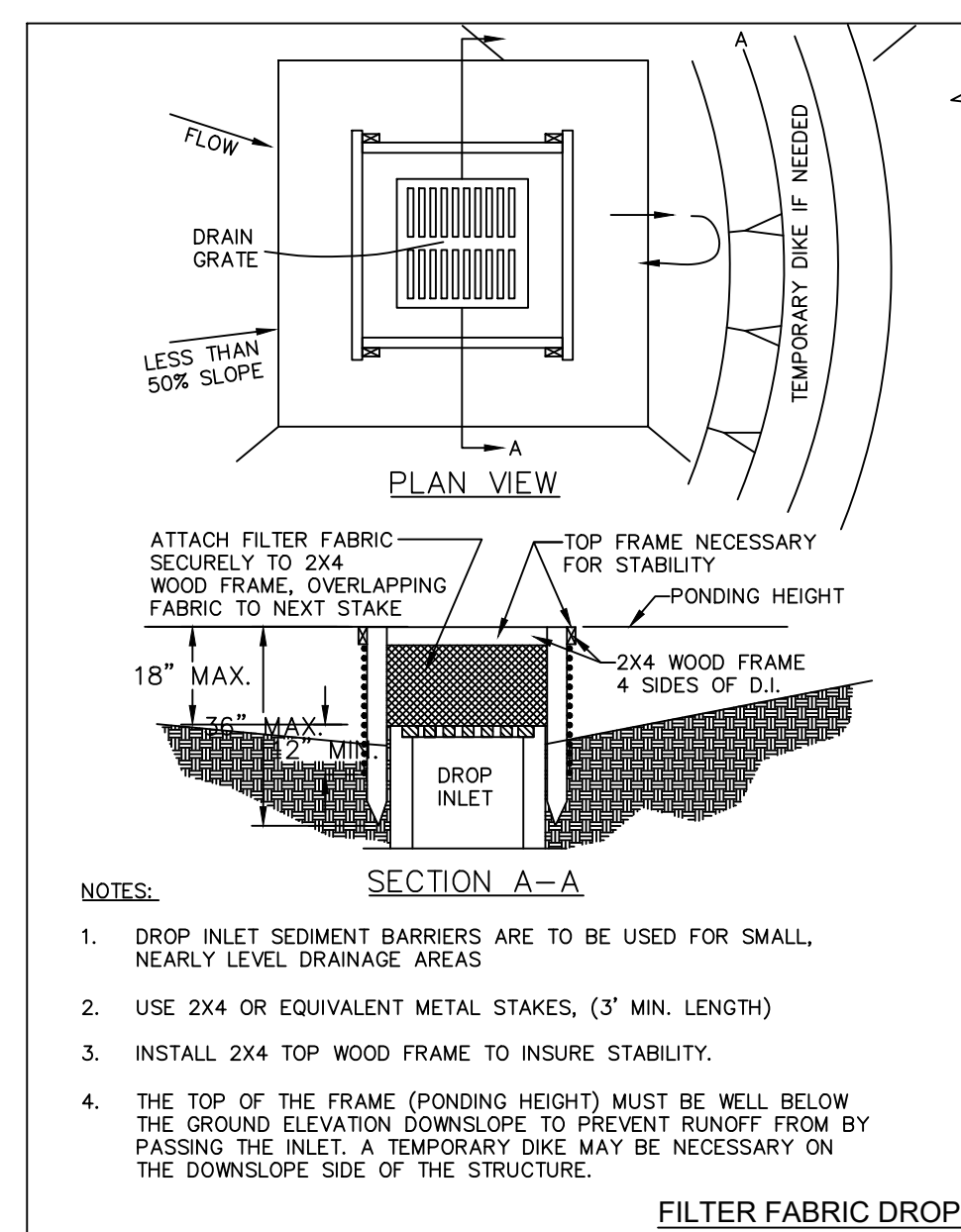
LICENSED PROFESSIONAL
 KHA PROJECT 047035124
 DATE SEPT 2023
 SCALE AS SHOWN
 DESIGNED BY
 DRAWN BY JSW
 CHECKED BY
 DATE:

OVERALL CUT AND FILL ESTIMATES

IRC LANDFILL IMPROVEMENTS
 PREPARED FOR INDIAN RIVER COUNTY
 INDIAN RIVER COUNTY FLORIDA
 SHEET NUMBER C-510

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PLOTTED BY: Blum, Brandon. Sheet: 047035127. Layout: C-600 Erosion Control Details. September 20, 2023. 11:33:19am. K:\V\B- WaterResources\047035125 - IRC Landfill Improvements\CADD\PlanSheets\C-320 EROSION CONTROL DETAILS.dwg
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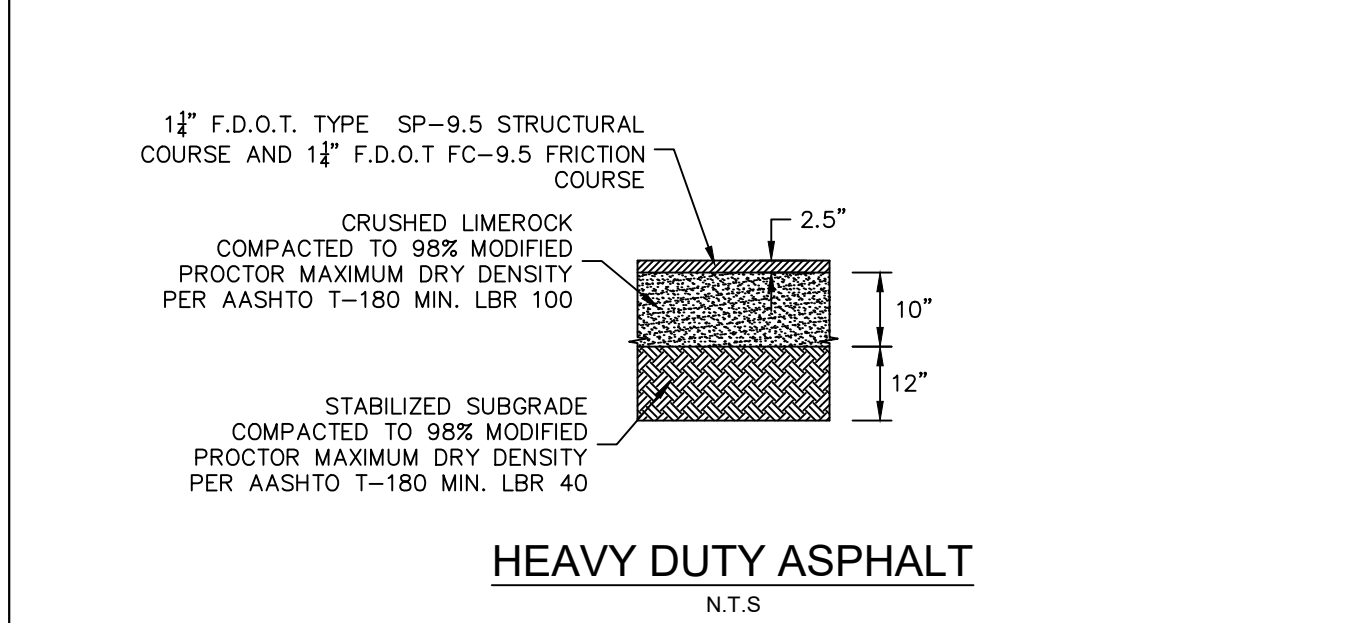
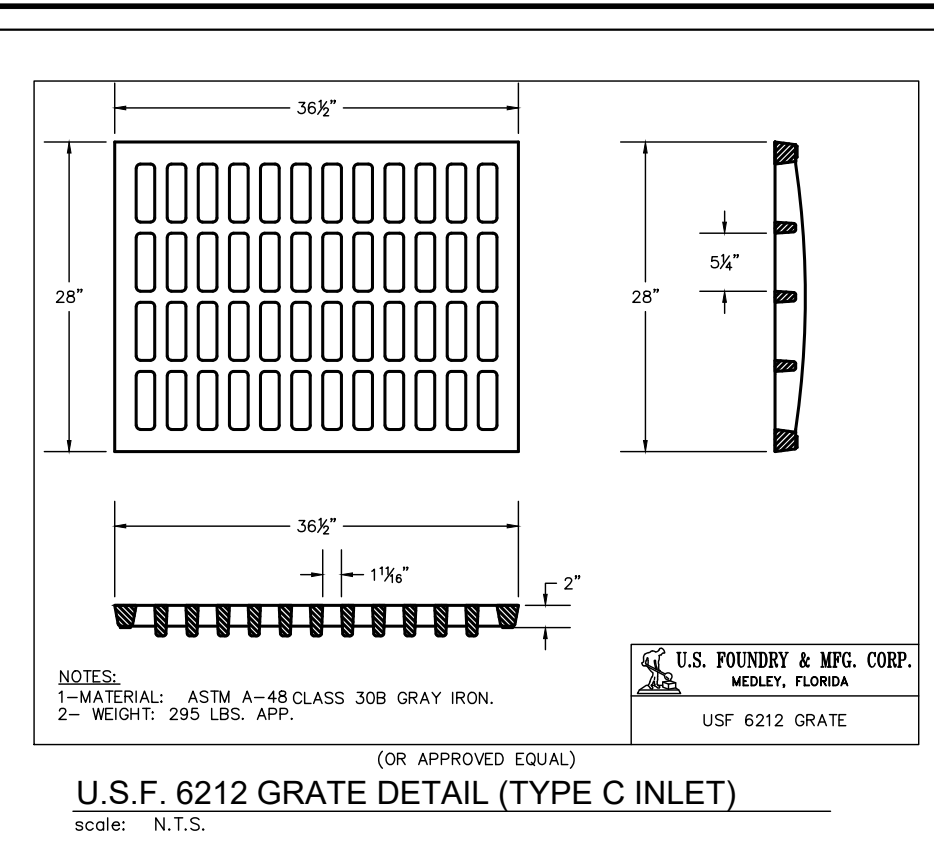
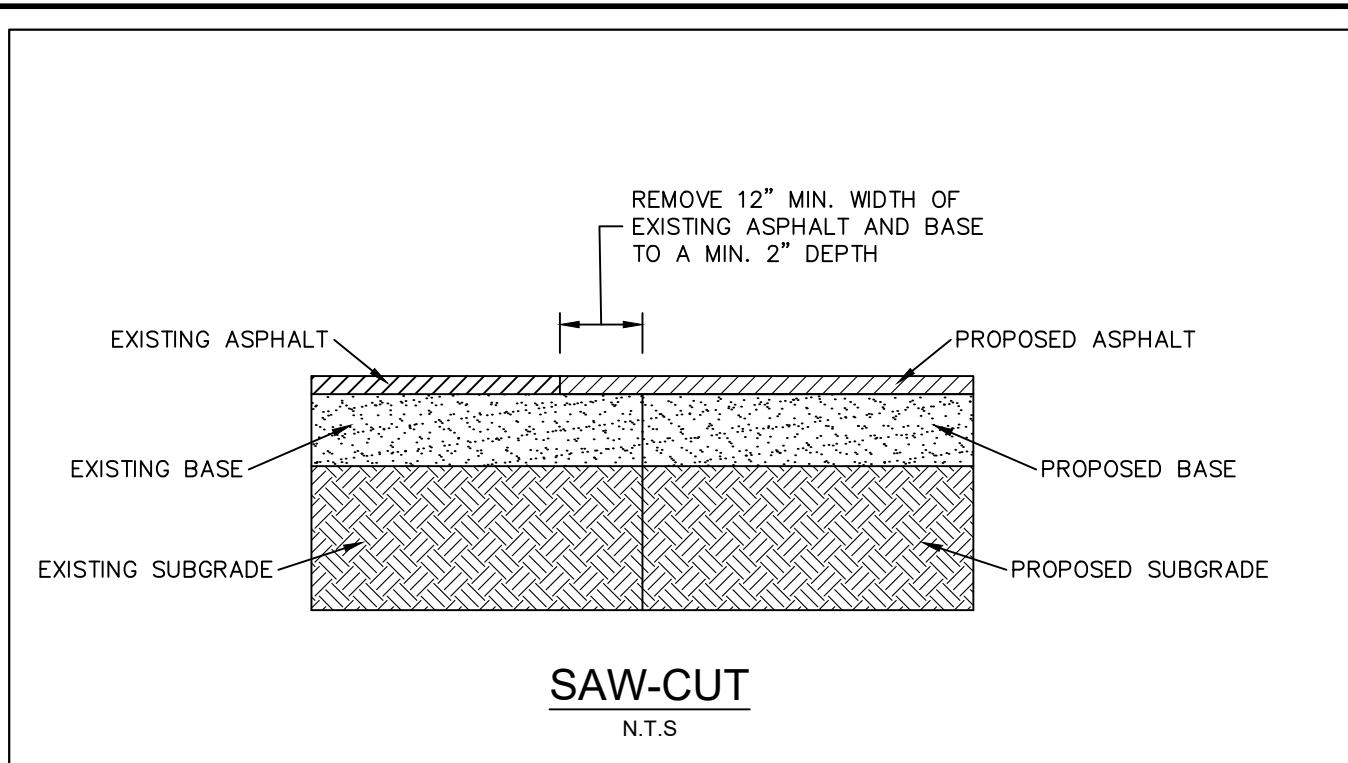
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KHA PROJECT 047035124
 DATE: SEPT 2023
 SCALE: AS SHOWN
 DESIGNED BY: JSW
 DRAWN BY: JSW
 CHECKED BY: JSW

EROSION CONTROL DETAILS
IRC LANDFILL IMPROVEMENTS
 PREPARED FOR INDIAN RIVER COUNTY
 INDIAN RIVER COUNTY, FLORIDA

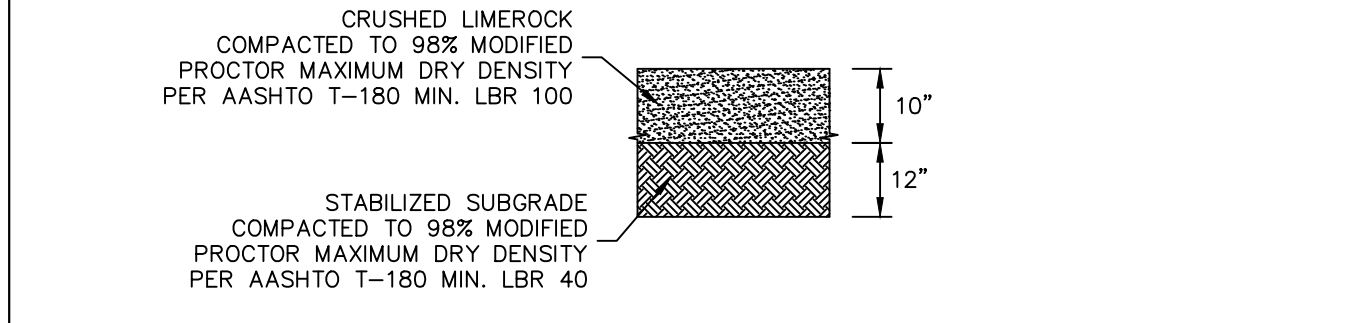
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C-600

Plotted By: Blum, Brandon. Sheet Set: 047035127. Layout: C-601. Paving, Grading, Drainage Details. September 20, 2023. 11:33:26am. K:\VBR-WaterResources\047035125 - IRC Landfill Improvements\CADD\PlanSheets\C-500 PAVING, GRADING, DRAINAGE DETAILS.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



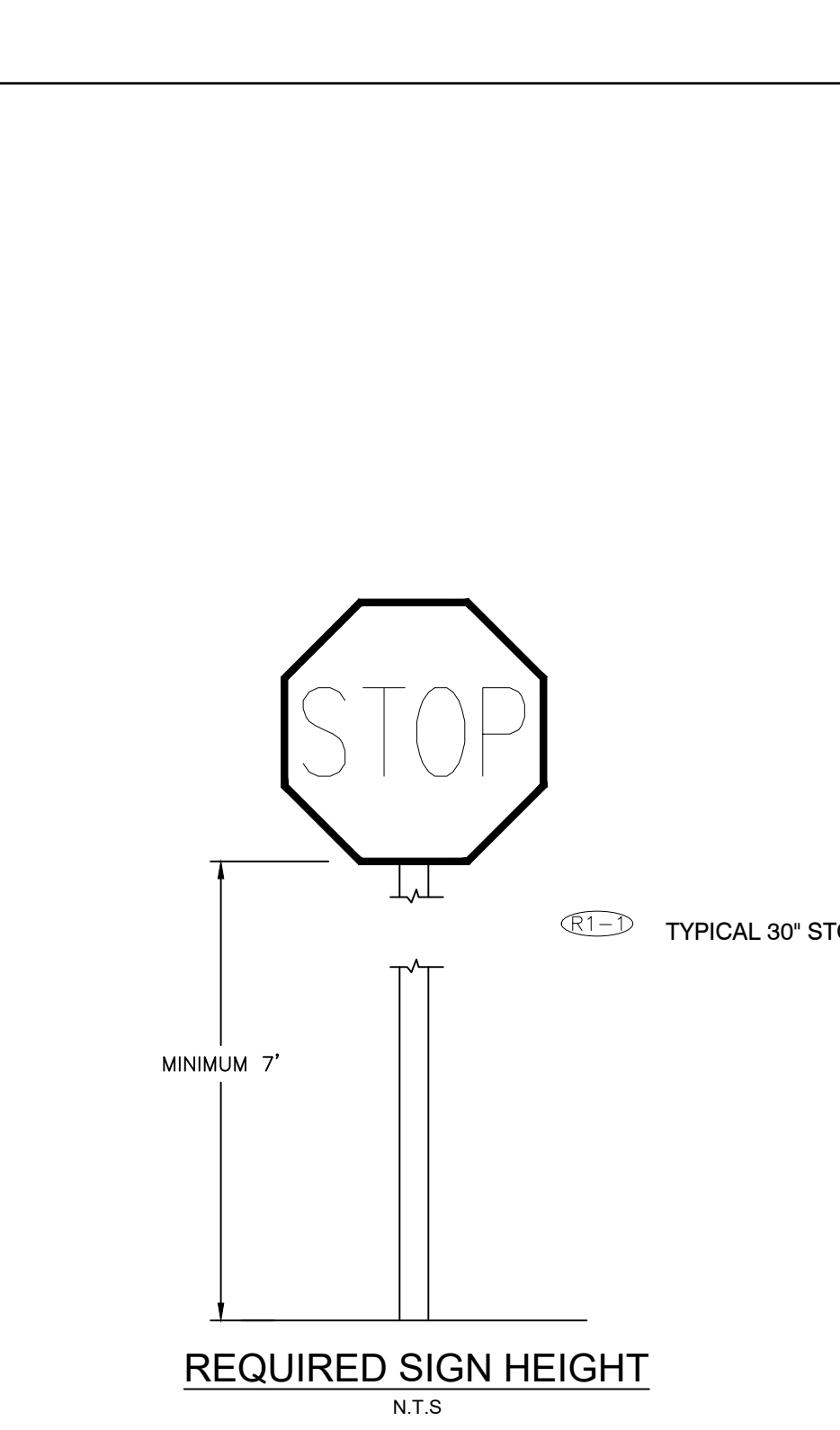
PAVEMENT NOTES:

- CONTRACTOR TO REFER TO THE GEOTECHNICAL REPORT FOR SITE WORK SPECIFICATIONS.
- CORE WEARING SURFACE OF ASPHALT PAVEMENT TO EVALUATE MATERIAL THICKNESS AND COMPOSITION AT A MINIMUM FREQUENCY OF 3,000 SF OR TWO LOCATIONS PER DAY'S PRODUCTION.
- MATERIALS USED IN PAVEMENT CONSTRUCTION SHALL COMPLY WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- ALL PARKING LOT SUBGRADE SOILS SHALL BE COMPACTED TO AT LEAST 98% OF THE MODIFIED PROCTOR - MAX DRY DENSITY (ASTM D 1557) TO A DEPTH AT LEAST 2' BELOW BOTTOM OF BASE, OR THE FULL DEPTH OF NEW FILL AND THE TOP 12 INCHES OF EXISTING SUBGRADE SOILS, WHICHEVER IS GREATER.
- COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 120.

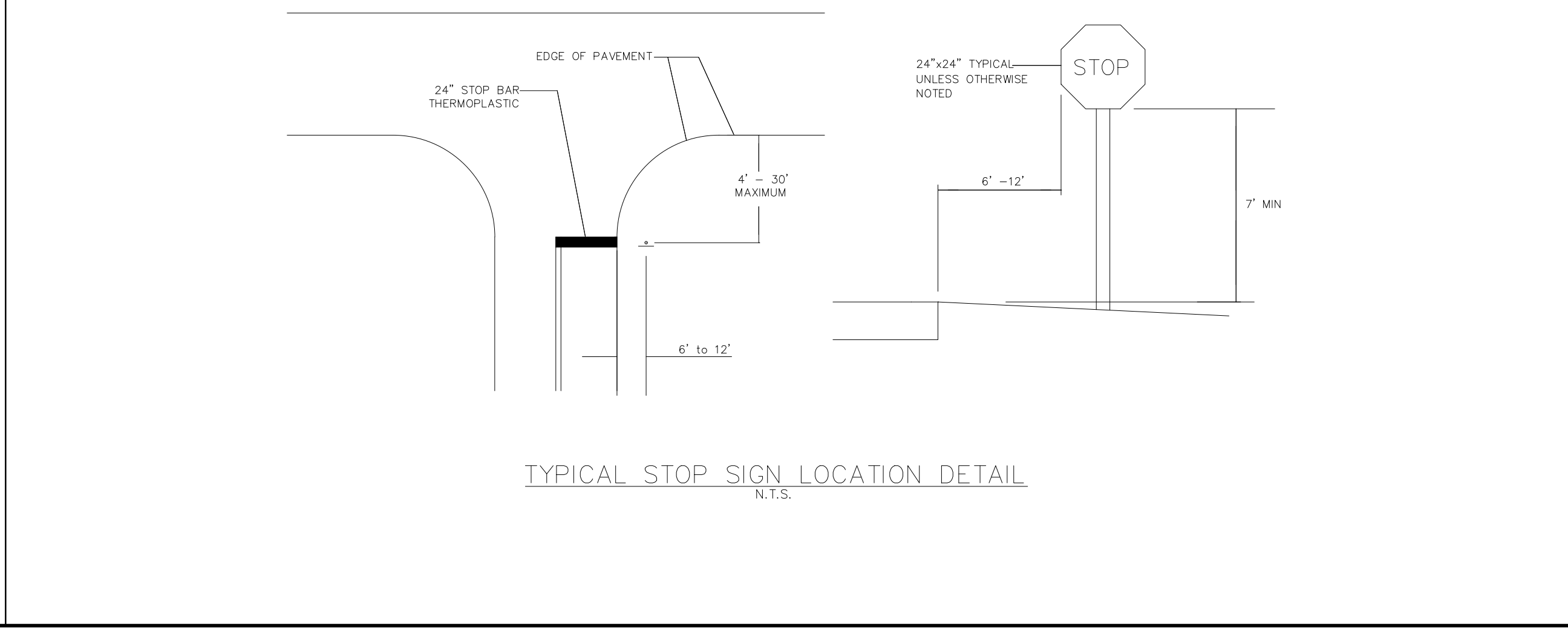
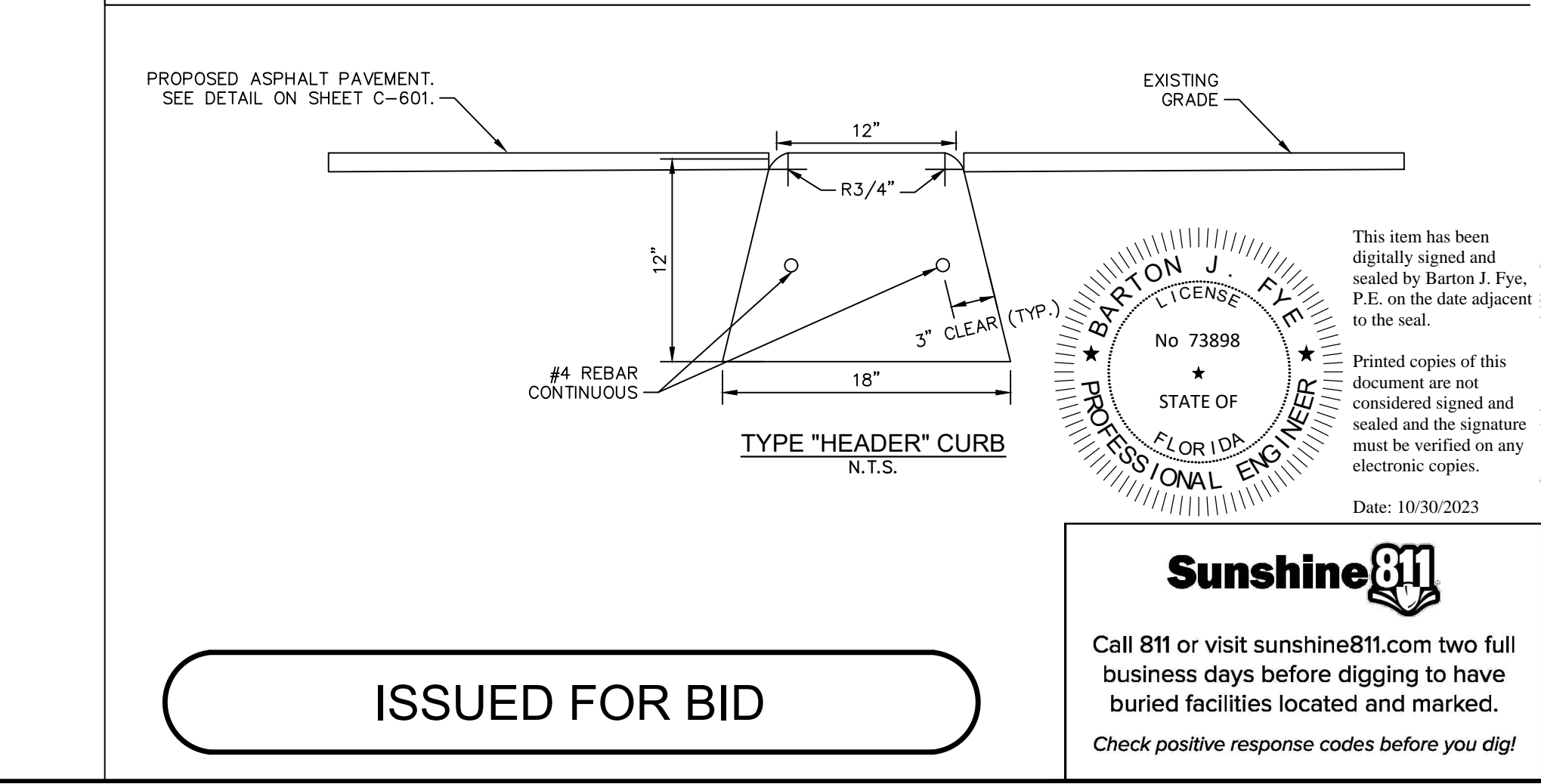
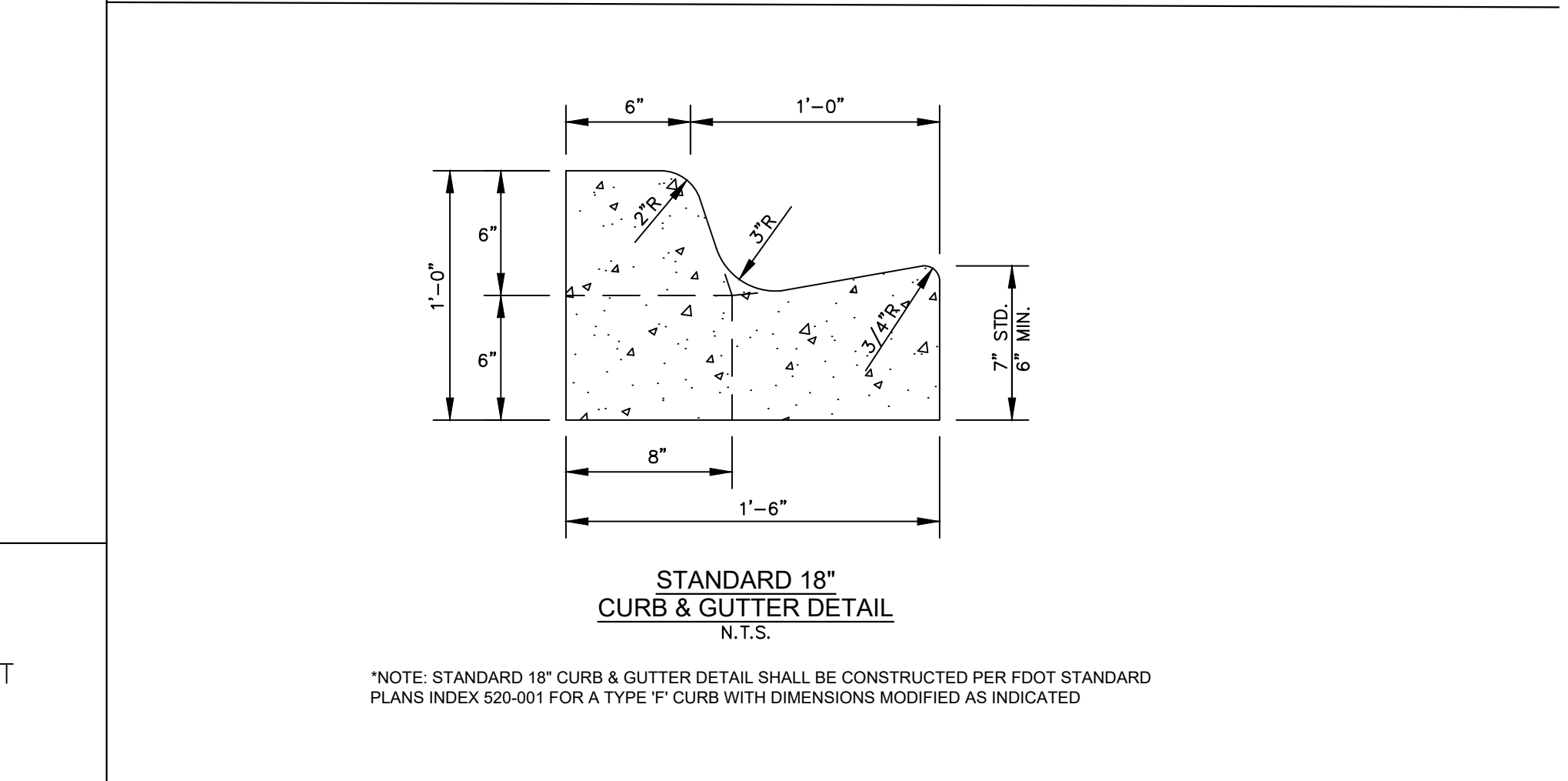
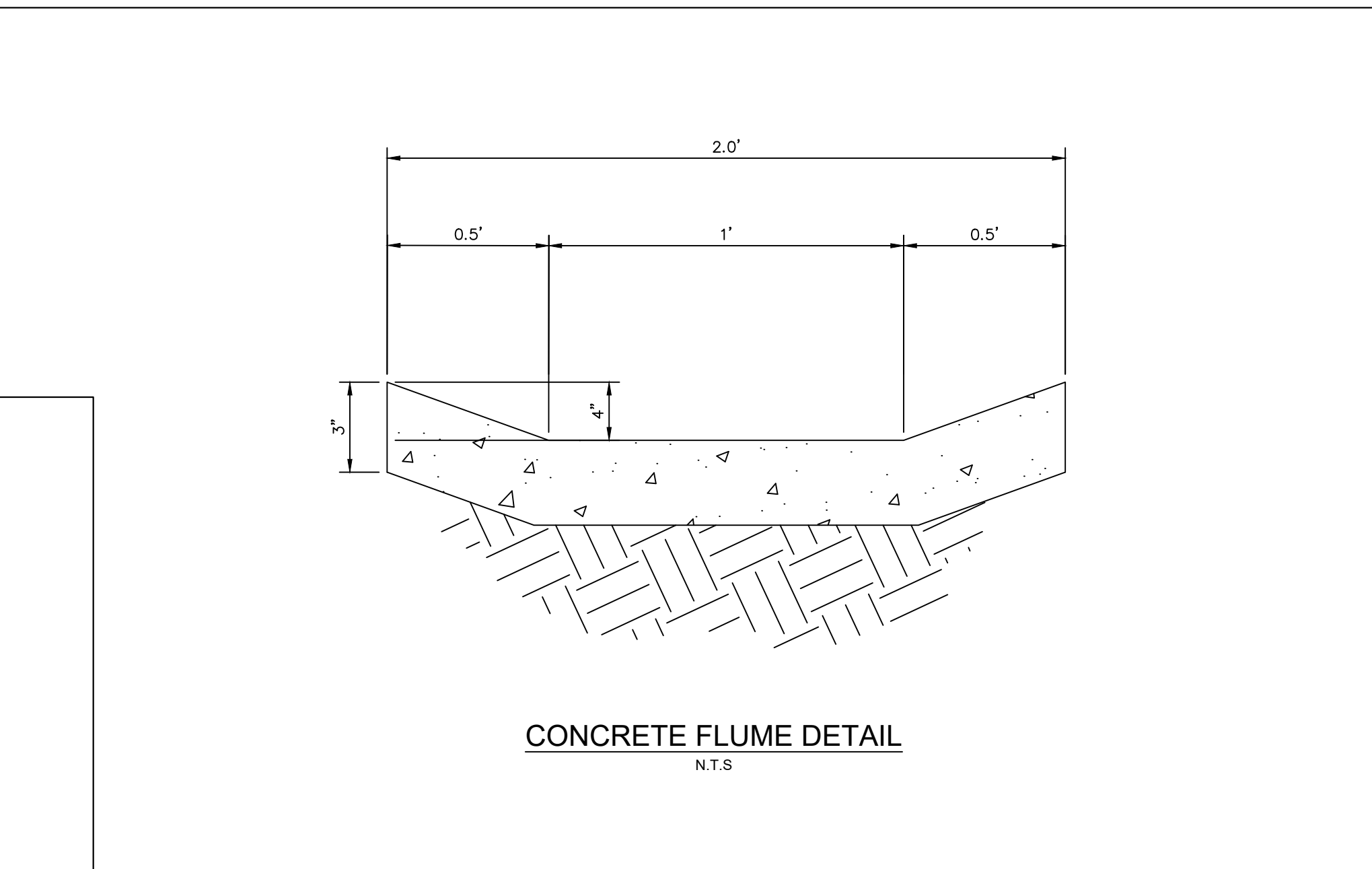
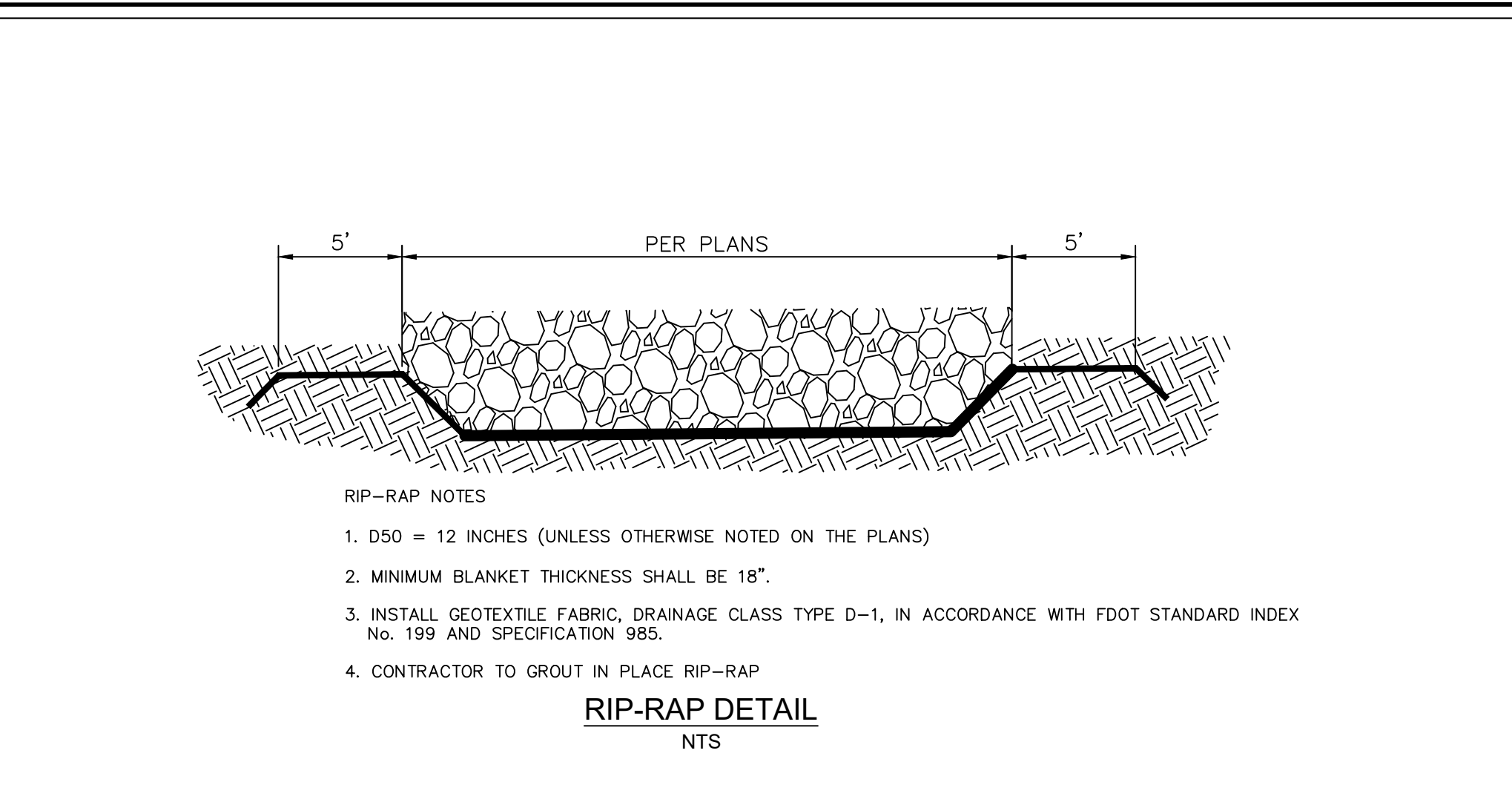
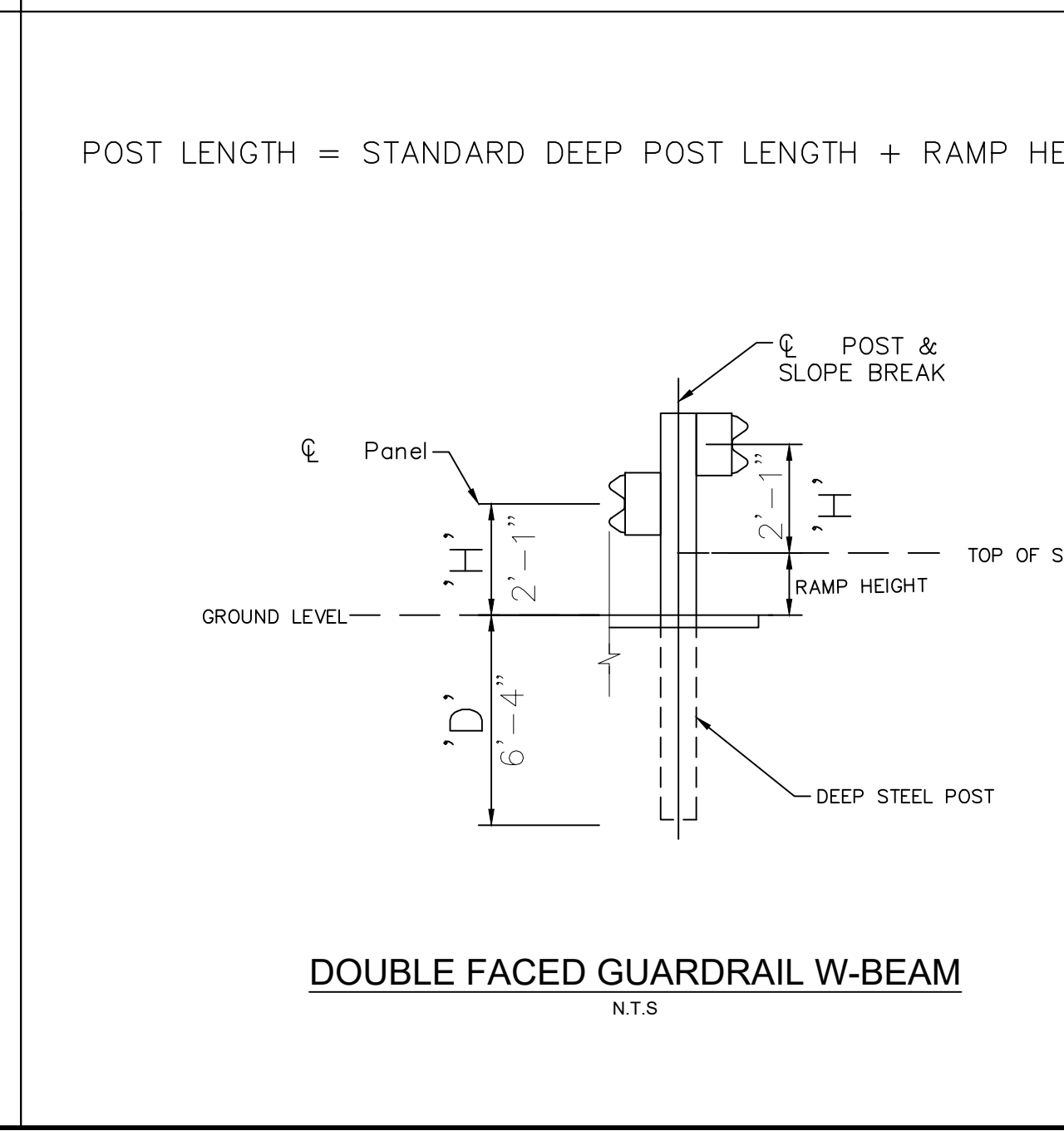
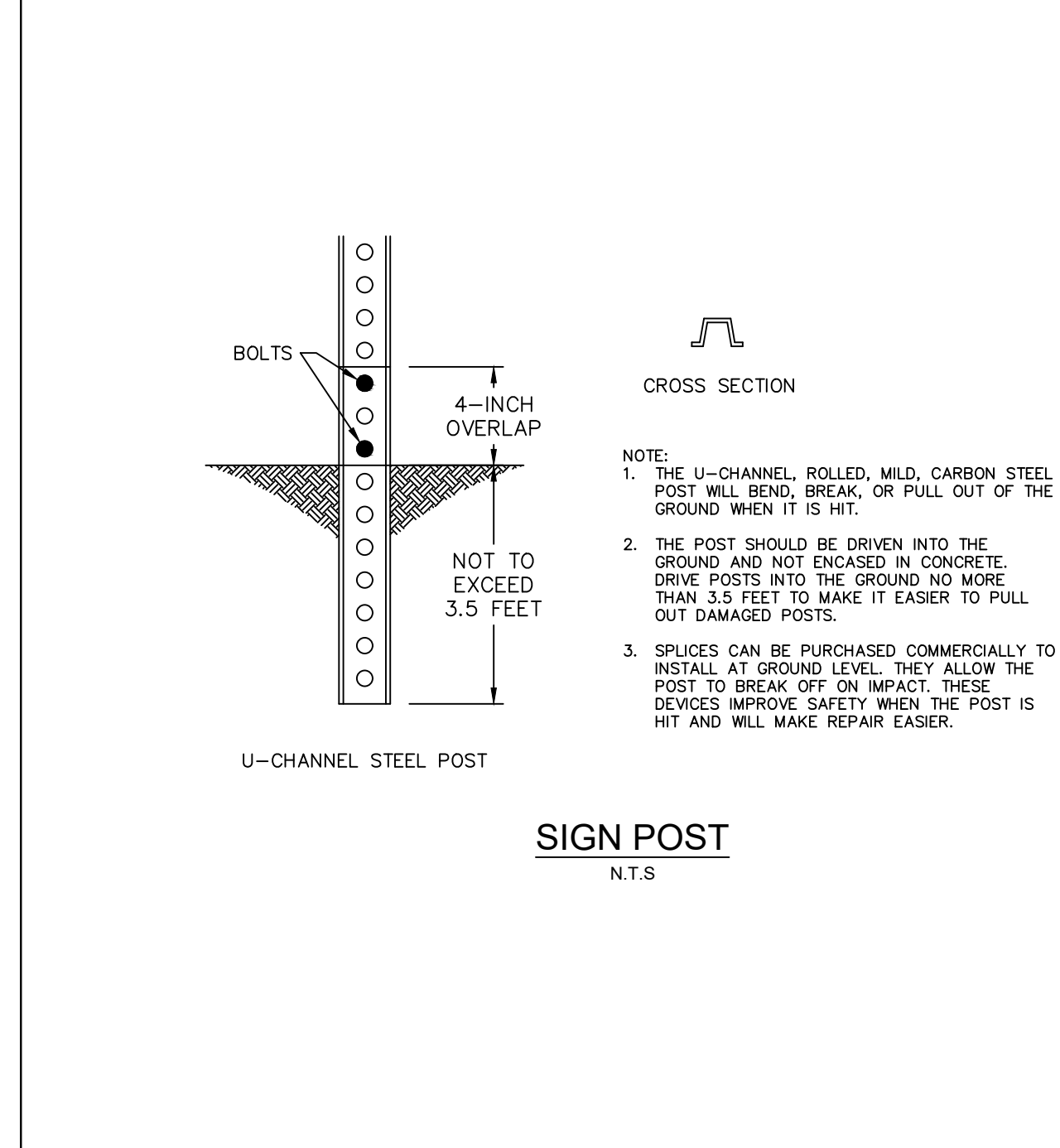
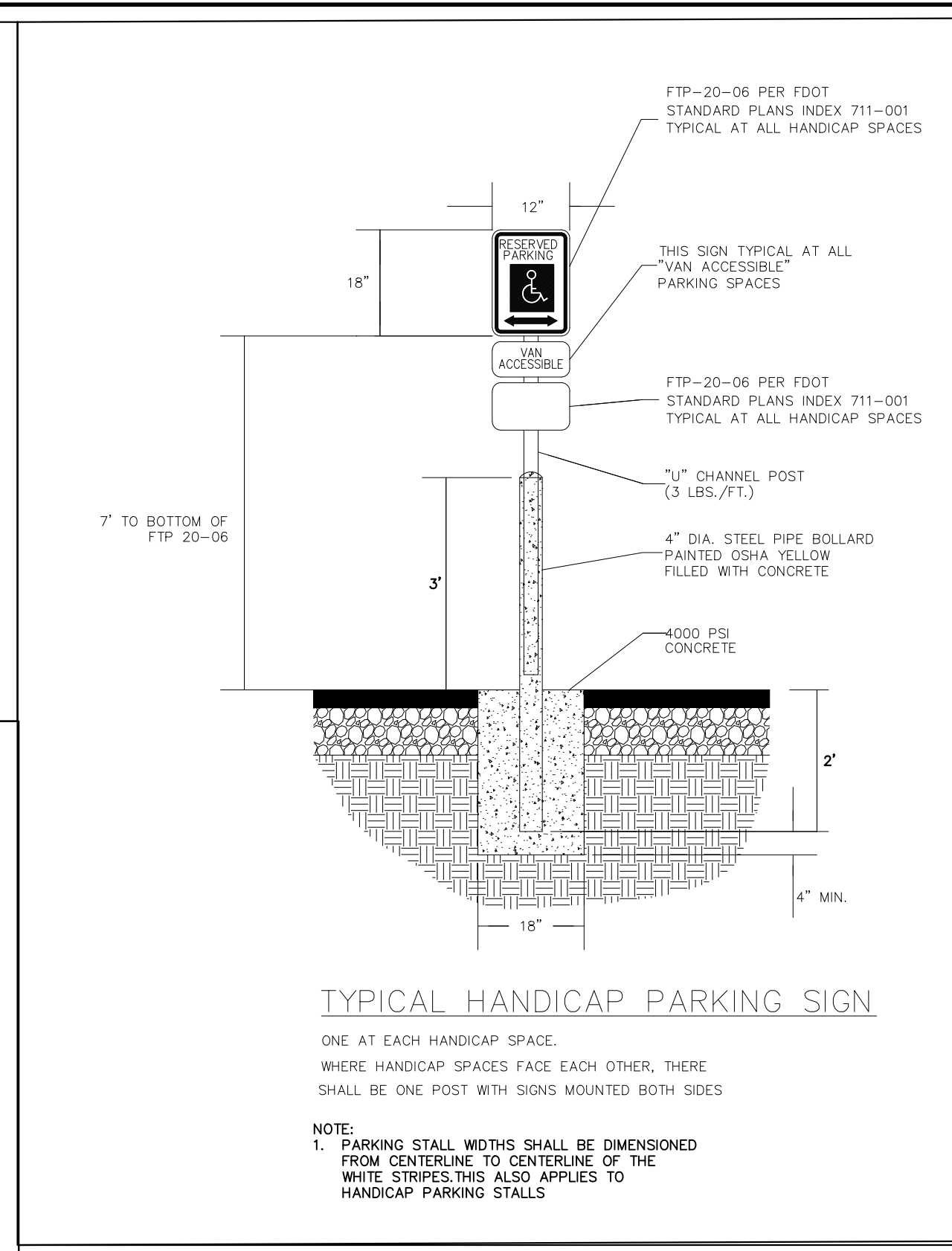


PAVEMENT MILLING AND RESURFACING

- MILL 1" AVG DEPTH OF EXISTING ASPHALT PAVEMENT AND RESURFACE WITH 1 1/2" AVG DEPTH OF FC-9.5 FRICTION COURSE (TRAFFIC C, PG 76-22 WJ POLYMER)



Street Signs
All internal street names signs shall be 8" in height with 6" letters.
Street name signs at multi-lane roadway entrances, or adjacent to street with posted speed limit equal to or greater than 40MPH shall be 12" in height with 8" letters. (2003 edition MUTCD).



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LICENSED PROFESSIONAL

KHA PROJECT 047035124
DATE SEPT 2023
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DESIGNED BY
DRAWN BY JSW
CHECKED BY

PAVING, GRADING, DRAINAGE DETAILS

IRC LANDFILL IMPROVEMENTS
PREPARED FOR INDIAN RIVER COUNTY FLORIDA

SHEET NUMBER **C-601**