

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LIGHTING PLANS
- UTILITY PLANS
- LANDSCAPING PLANS

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

CORKSCREW ROAD WIDENING - PHASE II

BELLA TERRA BOULEVARD TO ALICO ROAD

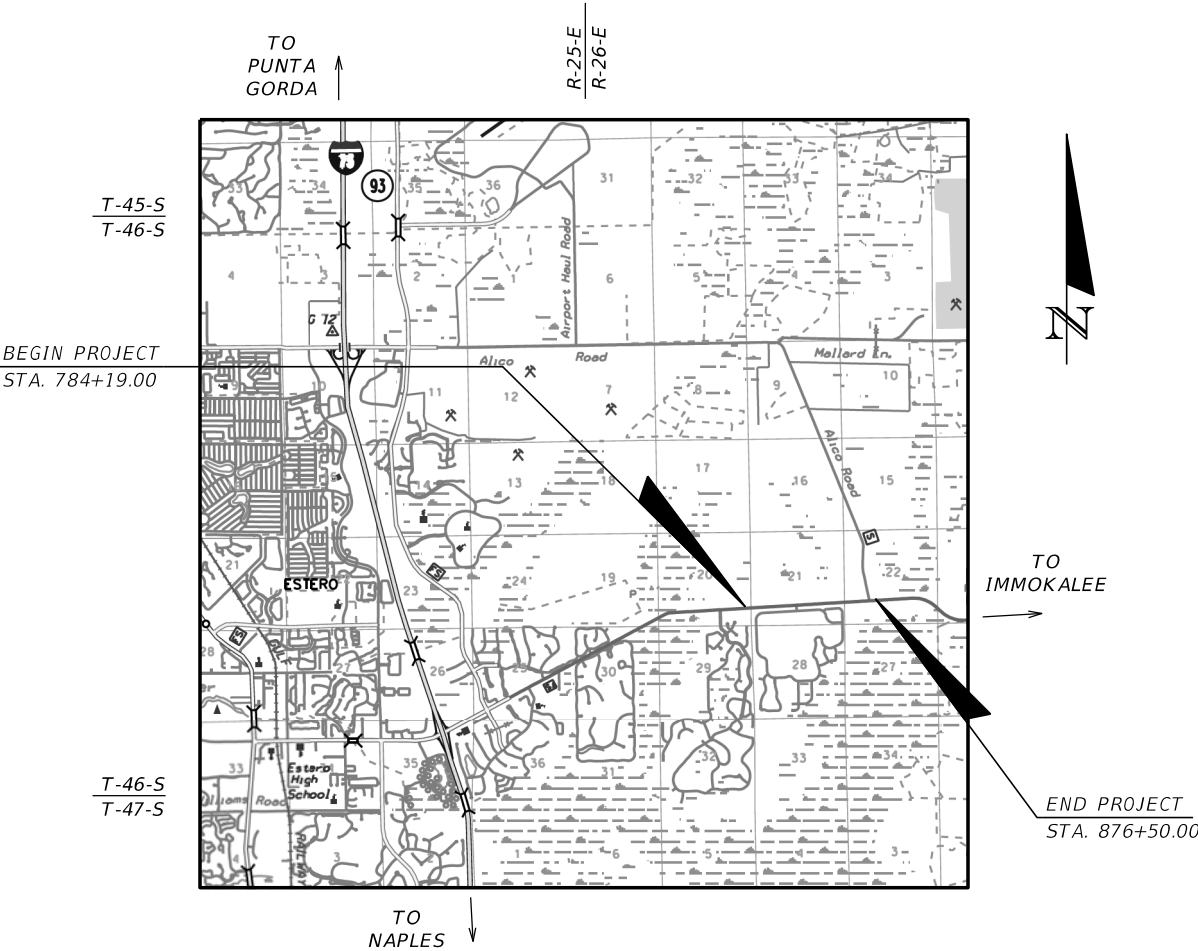
JEI PROJECT ID: 20192030-000

LEE COUNTY (204100)

COUNTY ROAD NO. 850

INDEX OF ROADWAY PLANS

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GOVERNING STANDARD PLANS:

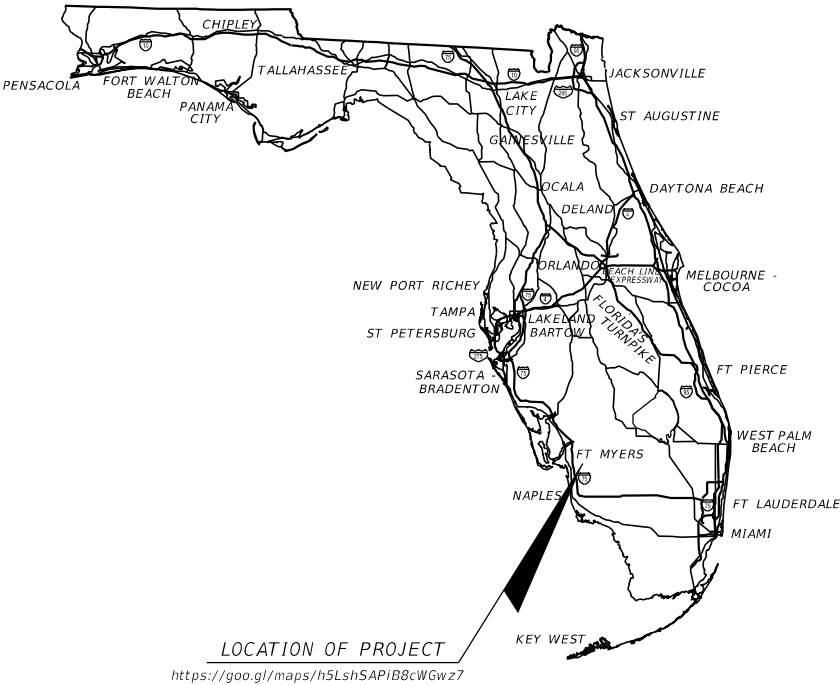
Florida Department of Transportation, FY2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



JOHNSON
ENGINEERING

ROADWAY PLANS
ENGINEER OF RECORD:

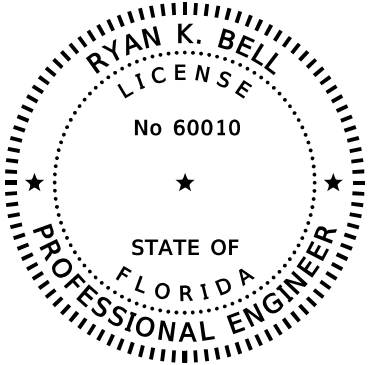
RYAN K. BELL, P.E.
P.E. NO.: 60010
JOHNSON ENGINEERING, INC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
CONTRACT NO.:
VENDOR NO.:
CERTIFICATE OF AUTHORIZATION NO.: 642

LEE COUNTY
PROJECT MANAGER:

DAVID M. MURPHY, P.E.

FINAL SUBMITTAL
JANUARY 2023

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	23	1



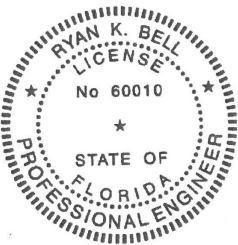
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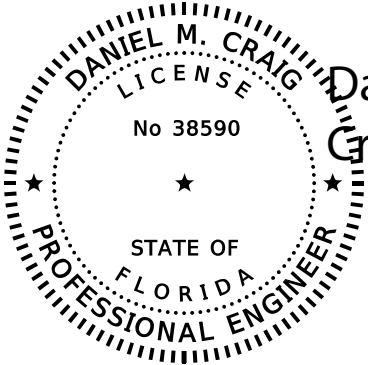
JOHNSON ENGINEERING, INC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33902
CERTIFICATE OF AUTHORIZATION: 00642
RYAN K. BELL, P.E. NO. 60010

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
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125 - 138	UTILITY ADJUSTMENTS
SQ-1 - SQ-6	SUMMARY OF QUANTITIES



Digitally signed by Ryan K. Bell, P.E.
60010 STATE OF FLORIDA
DN: cn=Ryan K. Bell, P.E. 60010 STATE
OF FLORIDA, o=This item has been
electronically signed and sealed using
a SHA-1 authentication code.,
ou=Printed copies of this document
are not considered signed and sealed
and all SHA-1 authentication codes
must be verified on any electronic
copies., email=rbell@johnsoneng.com,
c=US
Date: 2023.01.17 11:13:35 -05'00'



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SIGNED AND SEALED BY

Daniel M
Craig

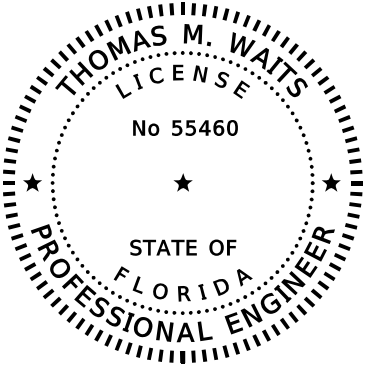
Digitally signed by Daniel M
Craig
Date: 2023.01.17 14:05:06
-05'00'

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CARDNO, INC.
1821 VICTORIA AVENUE
FORT MYERS, FLORIDA 33901
CERTIFICATE OF AUTHORIZATION: 7568
DANIEL M. CRAIG, P.E. NO. 38590

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
TC-1 - TC-8	TRAFFIC CONTROL



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HIGHSPANS ENGINEERING, INC.
2121 MCGREGOR BLVD., SUITE 200
FORT MYERS, FLORIDA 33901
CERTIFICATE OF AUTHORIZATION: 27559
THOMAS M. WAITS, P.E. NO. 55460

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
P1 - P2	PILASTER DETAILS

This document has been digitally signed and sealed by
Thomas M. Waits, PE, using an SHA-1 authentication code on
the date below. Printed copies of this document are not
considered signed and sealed and all SHA-1 authentication
codes must be verified on any electronic copies.
2023.01.19 11:15:23-05'00'

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		2

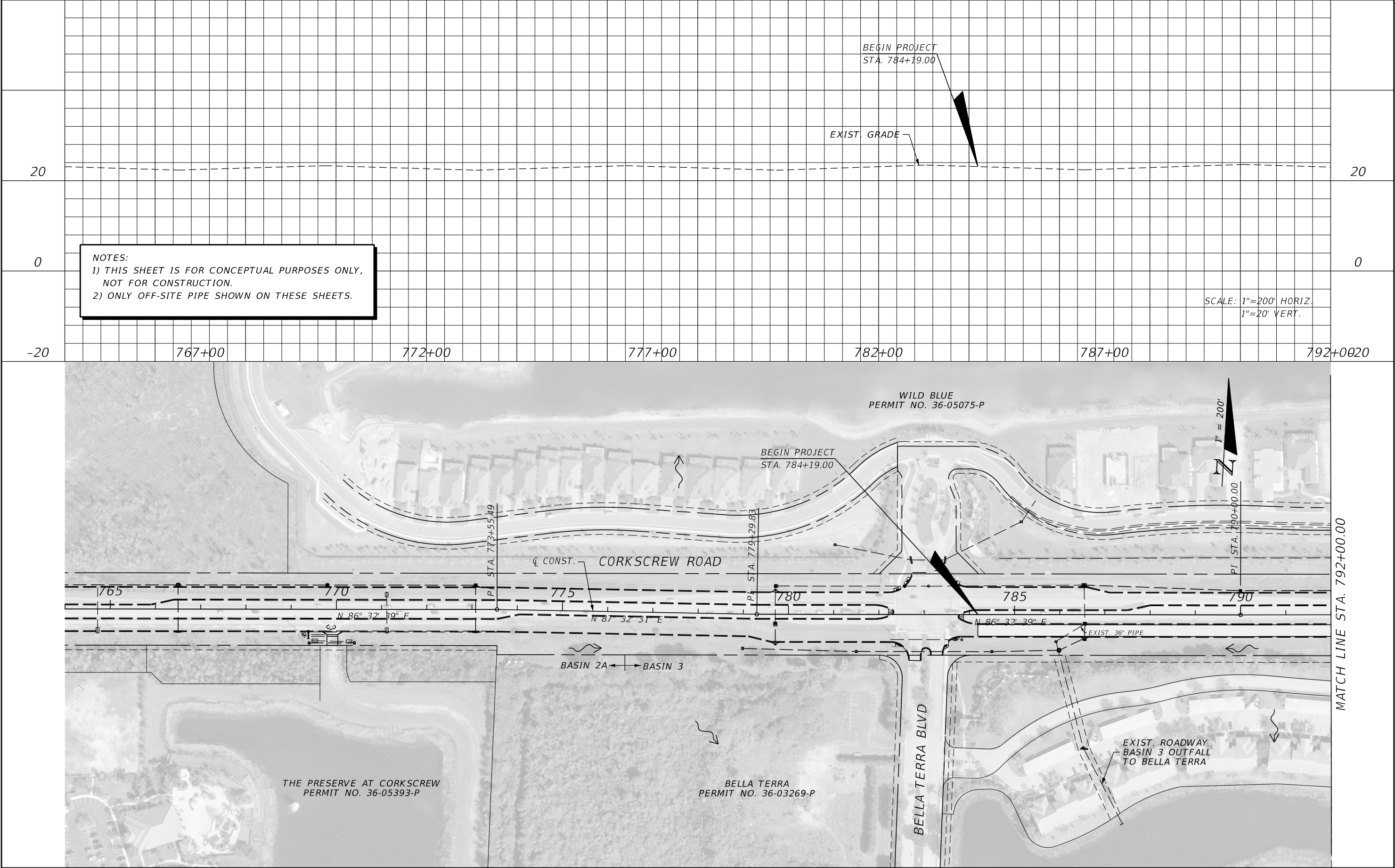
SUMMARY OF PAY ITEMS			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIERS - SILT FENCE	LF	24,365
107-2	MOWING	AC	248
110-1-1	CLEARING & GRUBBING (38.60 ACRES)	LS	1
120-1	EXCAVATION	CY	145,477
120-6	EMBANKMENT	CY	43,550
160-4	TYPE B STABILIZATION	SY	72,040
285-7-04	OPTIONAL BASE, BASE GROUP 04	SY	6,998
285-7-10	OPTIONAL BASE, BASE GROUP 10	SY	52,354
327-70-6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	6,950
334-1-12	SUPERPAVE ASPHALTIC CONC, SP-9.5, TRAFFIC B (1")	TN	360.9
334-1-13	SUPERPAVE ASPHALTIC CONC, SP-12.5, TRAFFIC C (3")	TN	8,628.9
337-7-82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22 (1 1/2")	TN	4,939.6
339-1	MISCELLANEOUS ASPHALT PAVEMENT, (2")	TN	78.7
400-0-11	CONCRETE CLASS NS, RETAINING WALL, SCHEME 1 (4' AVG. HEIGHT)	CY	567
400-1-2	CONCRETE CLASS I, ENDWALL	CY	21
400-2-11	CONCRETE CLASS II, RETAINING WALL	CY	73
425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	17
425-1-461	INLETS, CURB, TYPE J-6, <10'	EA	6
425-1-462	INLETS, CURB, TYPE J-6, >10'	EA	1
425-1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	2
425-1-551	INLETS, DT BOT, TYPE E, <10'	EA	2
425-2-61	MANHOLES, P-8, <10'	EA	6
425-2-72	MANHOLES, J-8, >10'	EA	1
425-2-91	MANHOLES, J-8, <10'	EA	46
425-5	MANHOLE, ADJUST	EA	1
430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	2,063
430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	1,075
430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	1,125
430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	4,743
430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	1,290
430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	1,610
430-175-160	PIPE CULVERT, OPT MATERIAL, ROUND, 60"S/CD	LF	3,153
430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	24
430-175-230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/CD	LF	16
430-175-236	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 36"S/CD	LF	152
430-175-242	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 42"S/CD	LF	346
430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1
430-982-141	MITERED END SECTION, OPTIONAL ROUND, 48" CD	EA	1
430-982-143	MITERED END SECTION, OPTIONAL ROUND, 60" CD	EA	1
430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	4
430-982-633	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 30" CD	EA	1
430-982-640	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 42" CD	EA	8
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	14,617
520-1-7	CONCRETE CURB & GUTTER, TYPE E	LF	14,236
520-3	VALLEY GUTTER- CONCRETE	LF	51
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	6,714
527-2	DETECTABLE WARNING SURFACE (WET SET ONLY)	SF	213
530-3-4	RIPRAP, RUBBLE, F&I, DITCH LINING, 2' THICK	TN	389.5
530-74	BEDDING STONE (#57 STONE), 12" THICK	TN	32.9
536-1-1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	1,759
536-85-20	GUARDRAIL END TREATMENT - TRAILING ANCHORAGE	EA	1
536-85-24	GUARDRAIL END TREATMENT - PARALLEL APPROACH TERMINAL	EA	1

SUMMARY OF PAY ITEMS (CONTINUED)			
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
550-10-229	FENCING, TYPE B, 6', SPECIAL	LF	124
550-10-249	FENCING, TYPE B, 8', SPECIAL	LF	199
550-10-251	FENCING, TYPE B, 10', WITH BARBED WIRE	LF	1,932
550-60-923	FENCE GATE, SPECIAL TYPE, DOUBLE, 16' OPENING	EA	2
550-60-935	FENCE GATE, SPECIAL TYPE, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1
570-1-2	PERFORMANCE TURF, SOD	SY	51,255
570-1-2a	PERFORMANCE TURF, SOD (ST. AUGUSTINE 'FLORATAM')	SY	8,130
580-1	LANDSCAPE COMPLETE- LITTORAL PLANTING	LS	1

PAY ITEM NOTES

102 1	ALL COSTS FOR PCMS SIGNS AND IMPLEMENTATION OF THE ADVANCE WARNING PLAN AND NECESSARY MAINTENANCE OF TRAFFIC SHALL BE INHERENT TO THIS ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A DETAILED MOT PLAN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA IF NOT UTILIZING A FDOT STANDARD PLAN FROM INDEX 102-600 SERIES. ALL COST ASSOCIATED WITH PRODUCING, IMPLEMENTING AND MAINTAINING THE MOT PLAN SHALL BE INHERENT TO THIS PAY ITEM. THE MOT PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
110 1 1	CLEARING AND GRUBBING SHALL INCLUDE, BUT NOT BE LIMITED TO, THE REMOVAL OF ASPHALT, CONCRETE, SIDEWALK, CONCRETE CURB AND GUTTER, DRIVEWAYS, DRAINAGE STRUCTURES, DRAINAGE PIPES, CONDUIT, ROADWAY BASE, AND VEGETATION / TREES. BURNING IS NOT ALLOWED. ALL CLEARING AND GRUBBING DEBRIS SHALL BE REMOVED FROM JOB SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE COUNTY. NO ADDITIONAL PAYMENT WILL BE MADE FOR REMOVAL OF EXISTING CONCRETE.
107 2	MOWING FREQUENCY ASSUMES CONSTRUCTION DURATION OF 22 MONTHS WITH 1 MOWING CYCLE PER MONTH. THE COUNTY WILL DETERMINE THE NEEDED MOWING FREQUENCY DURING CONSTRUCTION. NO PAYMENT WILL BE MADE FOR UNUSED QUANTITY. COST OF LITTER REMOVAL TO BE INCLUDED IN COST OF MOWING.
400 0 11	ALL COST FOR LIGHTING PILASTER, BOLTS, CONDUIT, FORMING OF PIPE ENDWALLS, DEAD-MAN, TIE BACKS AND TRANSFER DOWELS TO BE INCLUDED IN GRAVITY WALL UNIT PRICE. QUANTITY OF CONCRETE SHOWN IS FOR GRAVITY WALL ONLY.
400 1 2	COST FOR ENDWALLS SHOWN TO BE FORMED INTO GRAVITY WALL ARE CONSIDERED INHERENT TO THE GRAVITY WALL.
400 2 11	COST TO INCLUDE COMPLETE INSTALLATION OF THE BARRIER WALL WITH SIDEWALK INCLUDING ALL ASSOCIATED PREPARATIONS, CONCRETE, STEEL, TRANSFER DOWELS, EXPANSION JOINTS, ETC.
425 X XX	WHERE PROPOSED STRUCTURES CONNECT TO EXISTING PIPES, THE COST OF THE CONNECTION SHALL BE INHERENT TO THE COST OF THE STRUCTURE. THIS INCLUDES BUT IS NOT LIMITED TO SAW CUTTING EXISTING PIPE, PIPE REMOVAL, AND BRICK AND MORTAR CONNECTION.
425 2 XX	WHERE MANHOLES FALL NEAR EDGE OF PATH/SIDEWALK OFFSET OPENINGS/RISERS TO BE USED SO MANHOLE TOP CAN BE SET OUTSIDE OF THE PATH/SIDEWALK. WHERE MANHOLES FALL WITHIN PAVED BIKE LANE RISERS TO BE ADJUSTED SO MANHOLE TOP IS CENTERED WITHIN THE BIKE LANE.
430 175 XXX	WHERE PROPOSED PIPE IS TO CONNECT TO AN EXISTING STRUCTURE OR PIPE THE COST OF THE CONNECTION SHALL BE INHERENT TO THE COST OF PIPE. THIS INCLUDES CONCRETE COLLARS, MODIFICATION OF EXISTING STRUCTURES AND BRICK AND MORTAR.
520 1 7	DROP CURB ADJACENT TO CURB RAMPS SHALL BE PAID AS PARENT CURB TYPE. ALL CURB TO BE PAID BASED ON FIELD MEASURED INSTALLED QUANTITY.
520 1 10	
522-2	COST TO INCLUDE 6" THICK CONCRETE BULL NOSE.
527 2	ALL DETECTABLE WARNING SURFACES SHALL BE WET SET.
536 1 1	COST SHALL INCLUDE AREA OF NESTED W-BEAM W/ 1/2 SPACING. NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL PANELS AND POST.
550 10 229	COST INCLUDES NECESSARY HARDWARE AND EFFORT FOR WALL MOUNTED FENCE POSTS, GREEN PRIVACY SCREENING AND BARBED WIRE TO MATCH EXISTING. SHALL BE PAID BASED ON FIELD MEASURED INSTALLED QUANTITY.
550 10 249	COST SHALL INCLUDE GREEN PRIVACY SCREENING AND BARBED WIRE TO MATCH EXISTING. SHALL BE PAID BASED ON FIELD MEASURED INSTALLED QUANTITY.
550-60-923	COST SHALL INCLUDE GREEN PRIVACY SCREENING AND BARBED WIRE TO MATCH EXISTING.
570 1 2	SHALL BE PAID BASED ON FIELD MEASURED INSTALLED QUANTITY FOR AREAS INTENDED TO BE DISTURBED BY THE PROPOSED IMPROVEMENTS. NO PAYMENT WILL BE MADE FOR SODDING AREAS OUTSIDE THE PROJECT AREA DISTURBED BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY AREA DISTURBED OUTSIDE THE PROJECT AREA.
530 3 4	COST OF FILTER FABRIC INCLUDED IN THE COST OF RIPRAP. FABRIC SHALL BE TOED IN A MINIMUM OF 1' AT THE TOP AND BOTTOM OF THE SLOPE.
580-1	ALL COSTS ASSOCIATED WITH INSTALLATION AND MAINTENANCE OF ALL LITTORAL PLANTINGS AS DETAILED IN THE PLANS.

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		3

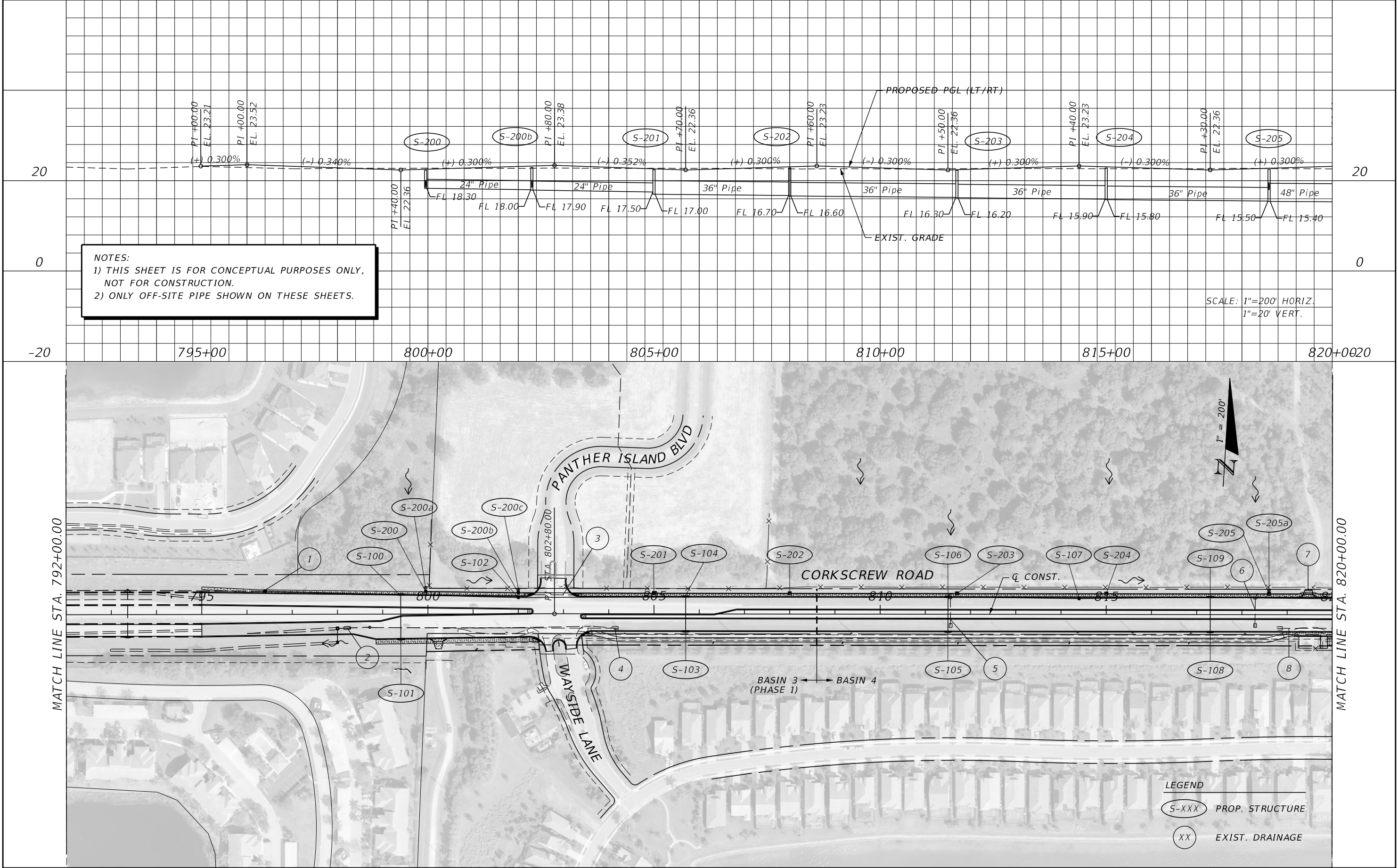


NOTES:
1) THIS SHEET IS FOR CONCEPTUAL PURPOSES ONLY,
NOT FOR CONSTRUCTION.
2) ONLY OFF-SITE PIPE SHOWN ON THESE SHEETS.

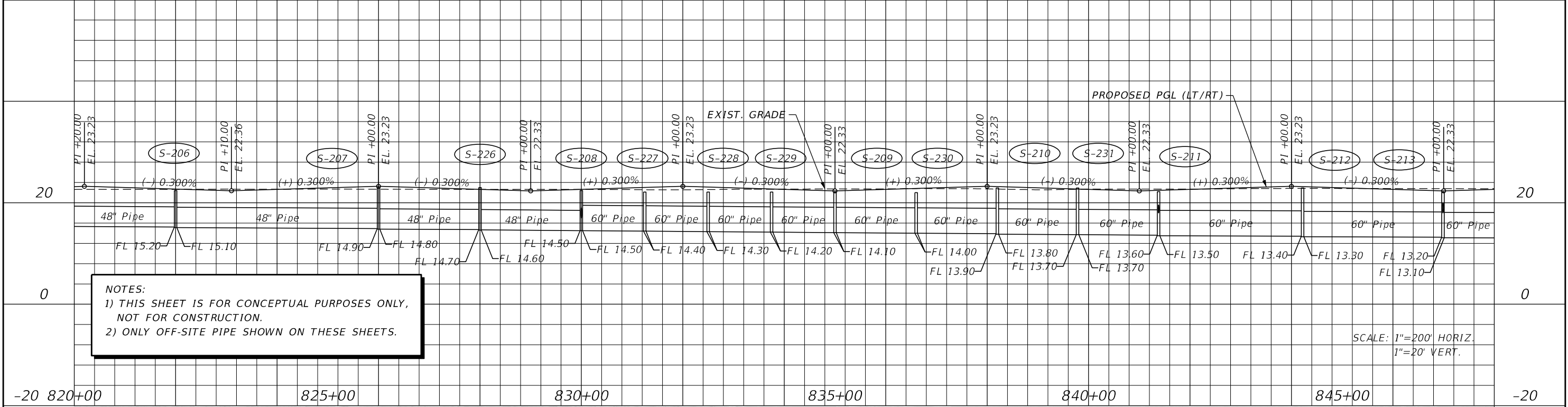
SCALE: 1"=200' HORIZ.
1"=20' VERT.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		4

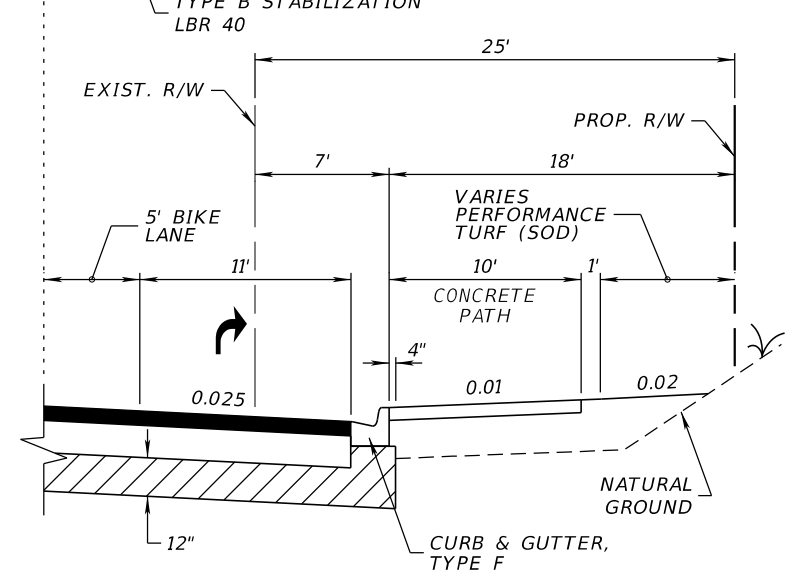
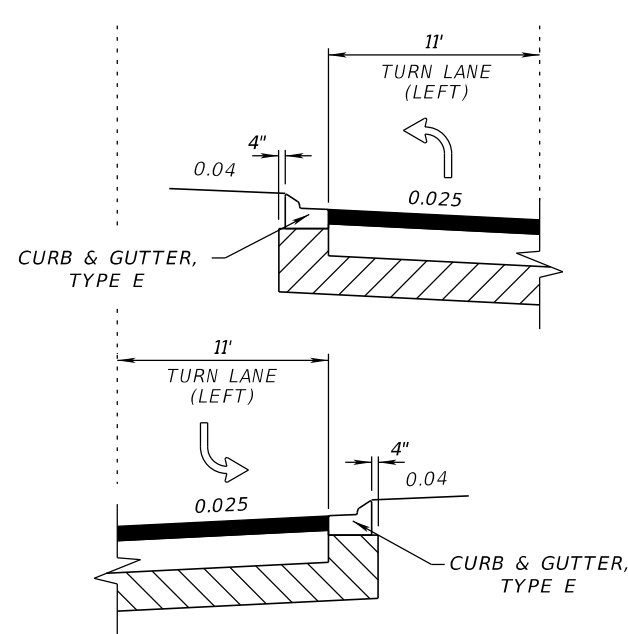
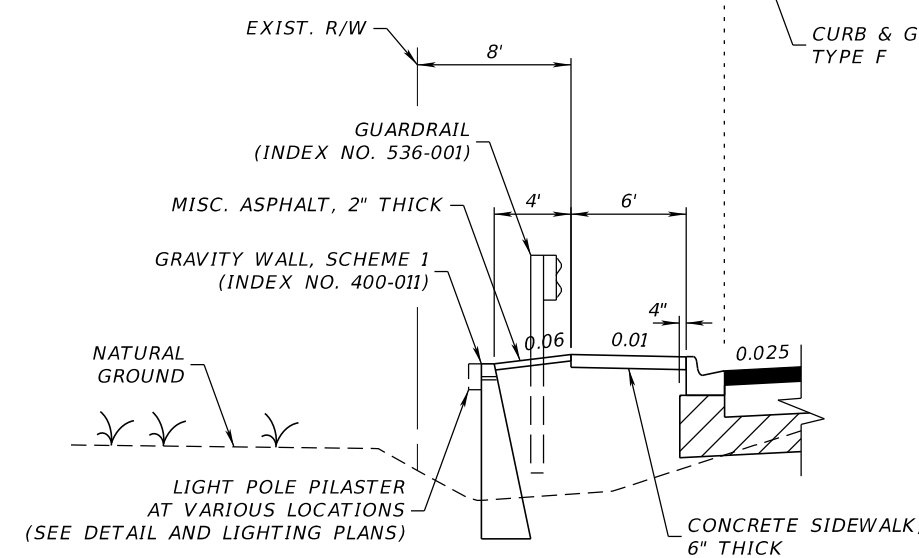
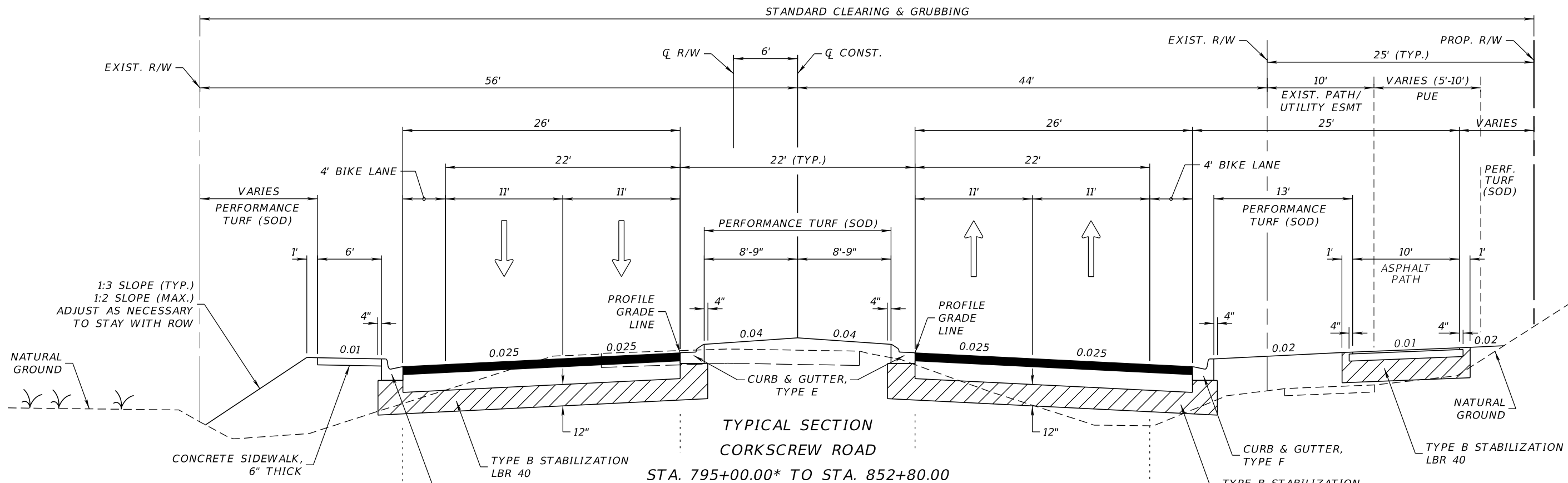
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REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		5



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		6



TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 9,200
 ESTIMATED OPENING YEAR = 2026 AADT = 13,600
 ESTIMATED DESIGN YEAR = 2045 AADT = 34,500
 K = 10.0% D = 75.0% T = % (24 HOUR)
 DESIGN HOUR T = %
 DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

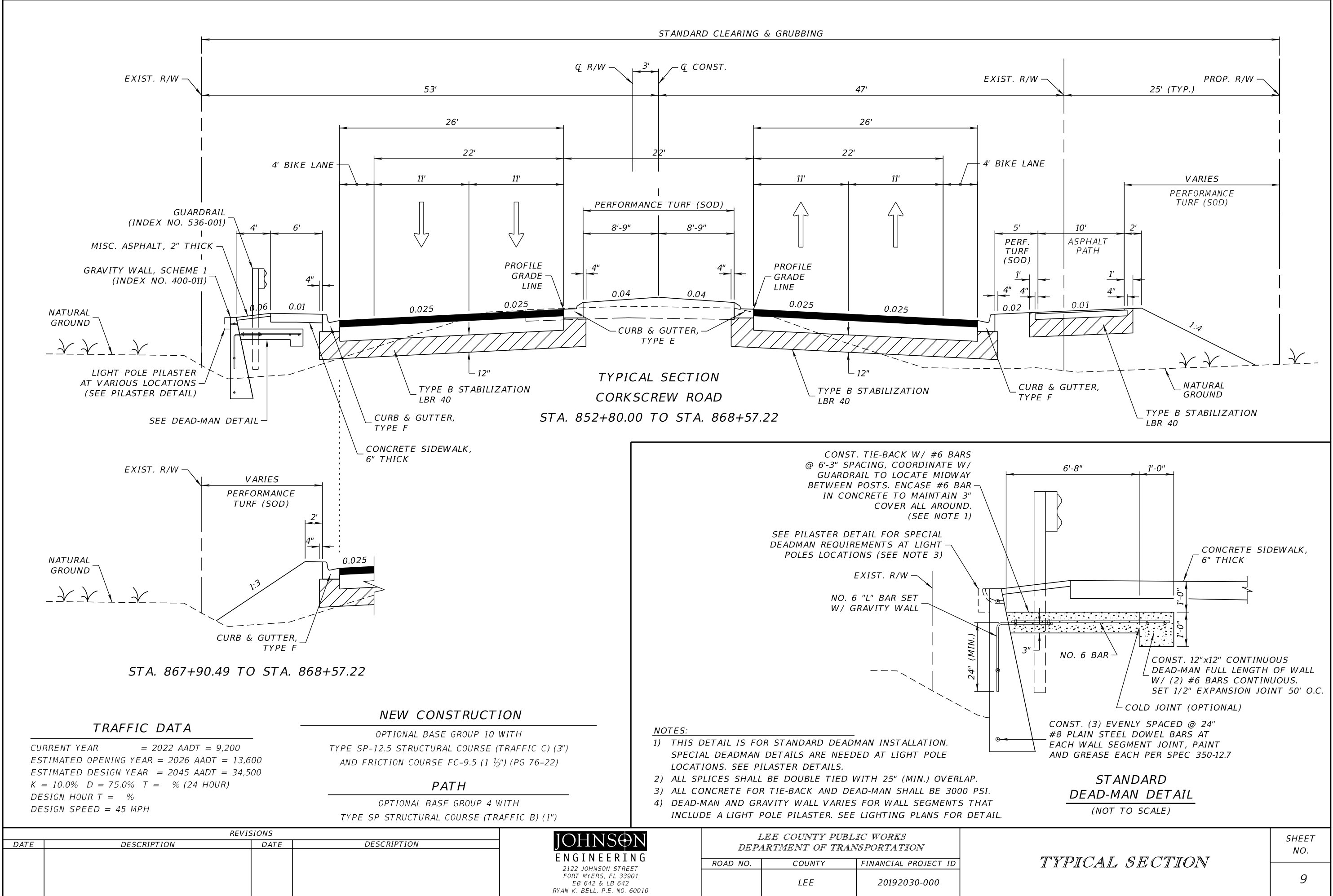
OPTIONAL BASE GROUP 10 WITH
 TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
 AND FRICTION COURSE FC-9.5 (1 1/2") (PG 76-22) *

* BEGIN EASTBOUND FRICTION COURSE AT 784+19.00±
 WHERE PHASE-1 FRICTION COURSE ENDS.

PATH

OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

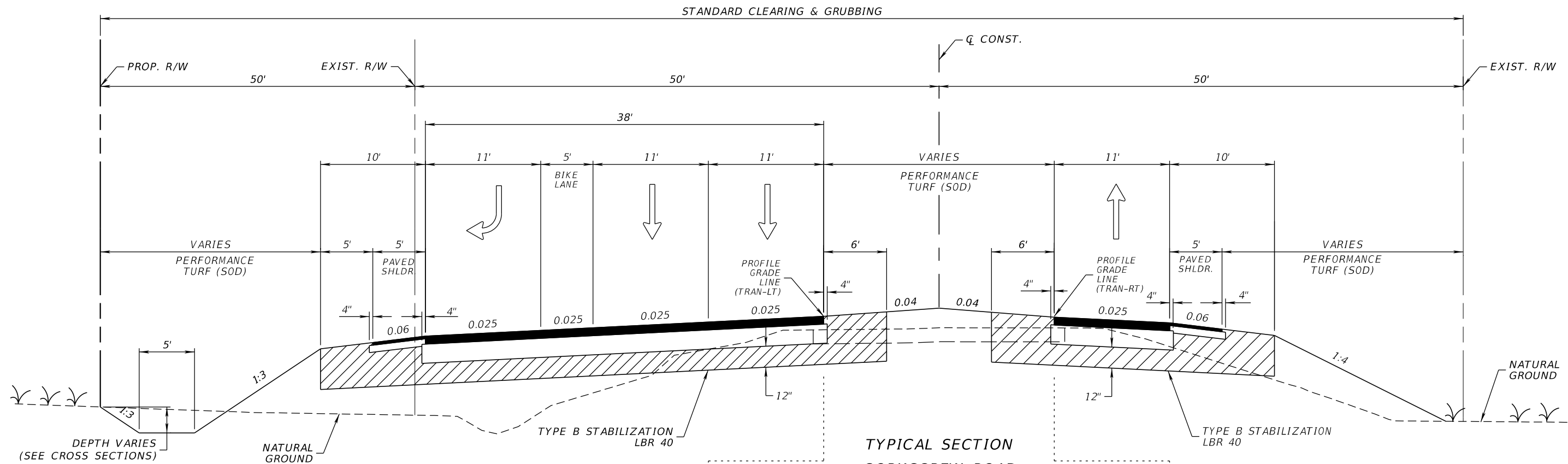
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

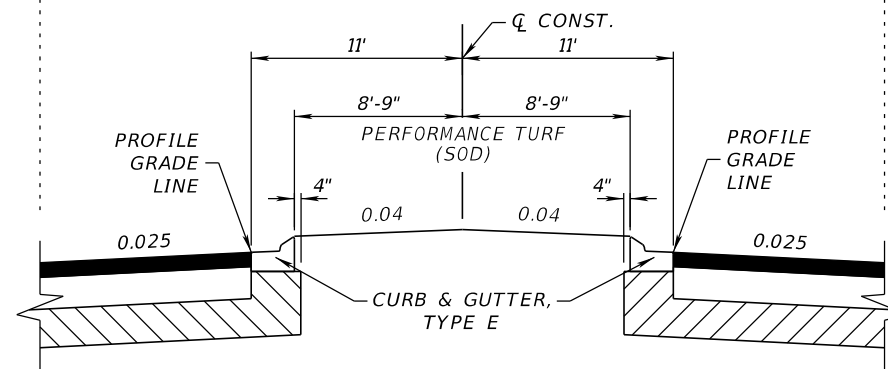
TYPICAL SECTION

SHEET NO.
9

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TYPICAL SECTION
CORKSCREW ROAD
STA. 868+57.22 TO STA. 876+50.00



MEDIAN DETAIL
STA. 868+46.22 TO STA. 868+82.22

NEW CONSTRUCTION (TRANSITION)

OPTIONAL BASE GROUP 10 WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-9.5 (1 1/2") (PG 76-22)

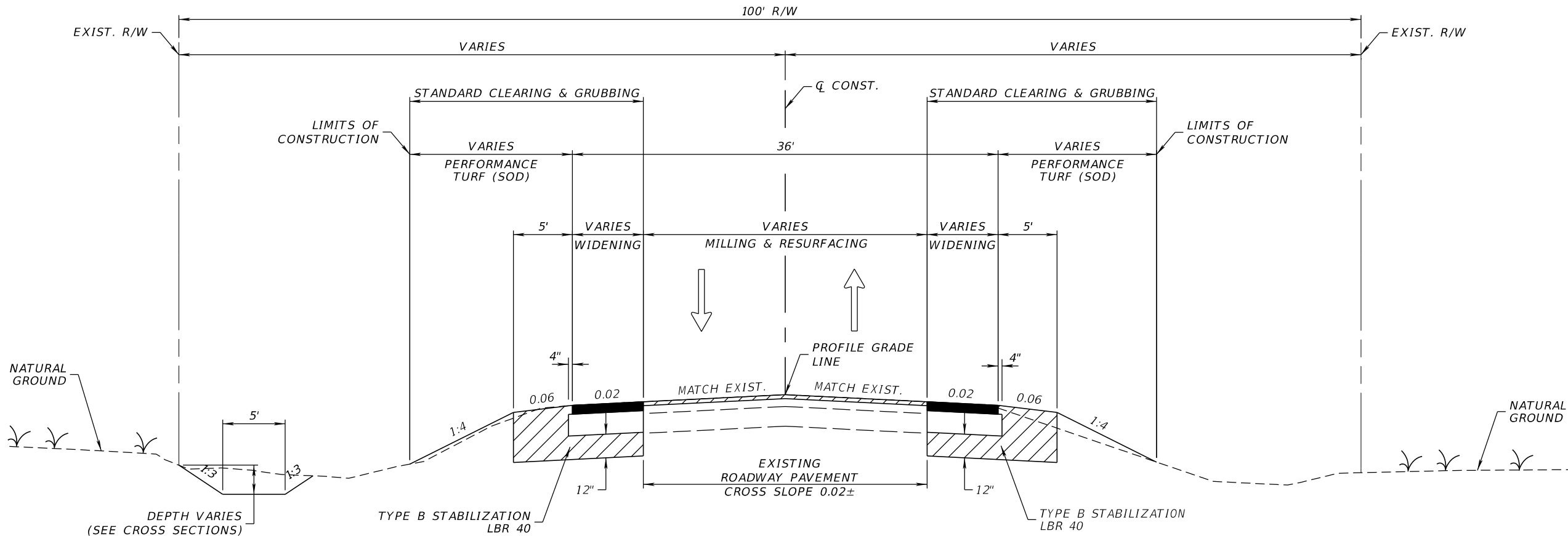
SHOULDER PAVEMENT

OPTIONAL BASE GROUP 4 WITH
FRICTION COURSE FC-9.5 (TRAFFIC C) (1 1/2") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 9,200
ESTIMATED OPENING YEAR = 2026 AADT = 13,600
ESTIMATED DESIGN YEAR = 2045 AADT = 34,500
K = 10.0% D = 75.0% T = % (24 HOUR)
DESIGN HOUR T = %
DESIGN SPEED = 45 MPH

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
						LEE	20192030-000		



TYPICAL SECTION
ALICO ROAD
STA. 40+41.76 TO STA. 49+20.00

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1 1/2")

RESURFACING

FRICTION COURSE FC-9.5 (TRAFFIC C) (1 1/2") (PG 76-22)

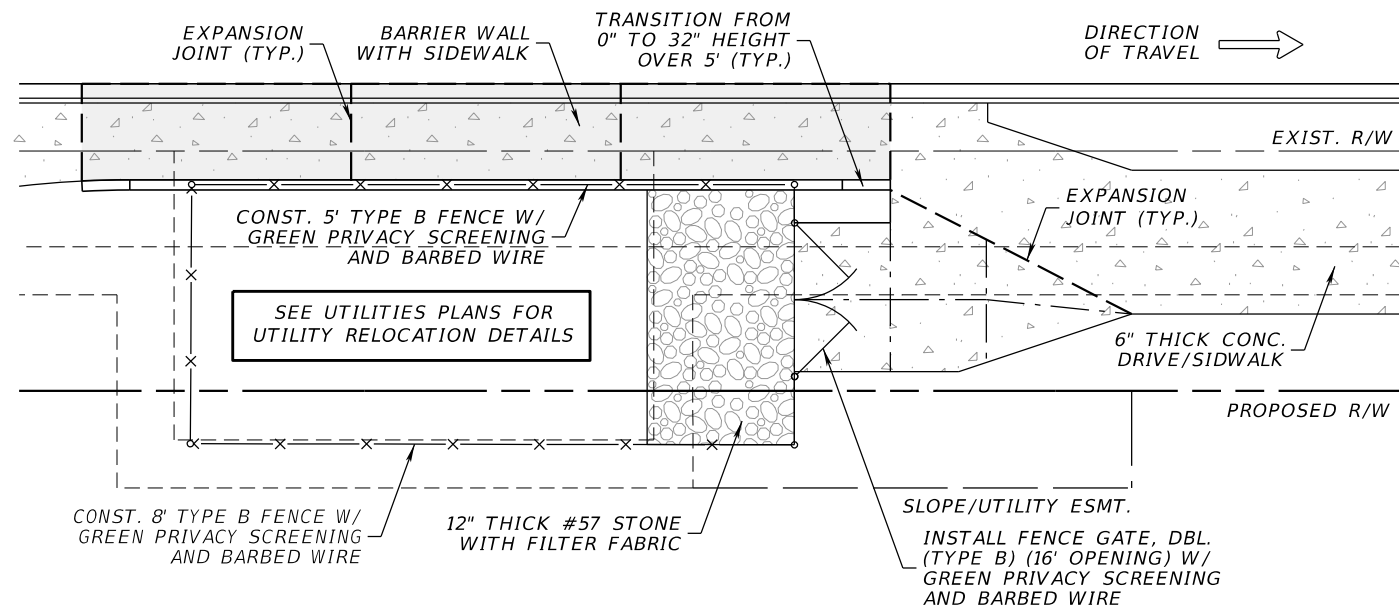
WIDENING

OPTIONAL BASE GROUP 10 WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-9.5 (1 1/2") (PG 76-22)

TRAFFIC DATA

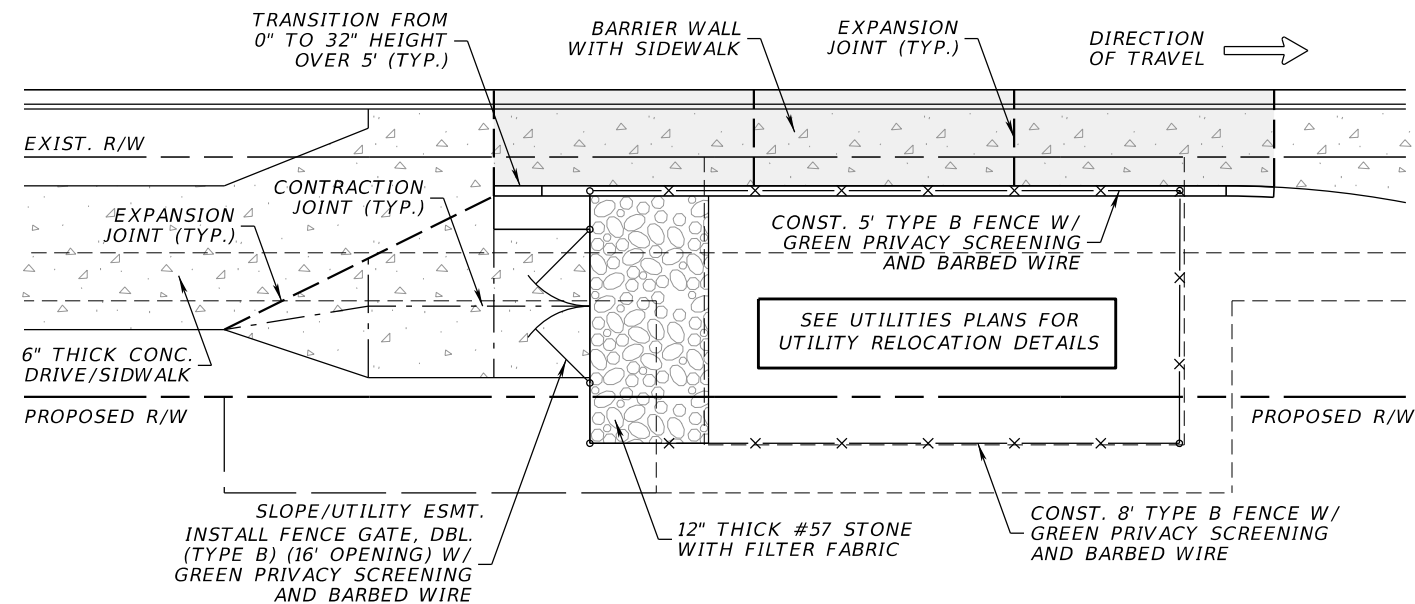
CURRENT YEAR = 2022 AADT = 9,200
ESTIMATED OPENING YEAR = 2026 AADT = 13,600
ESTIMATED DESIGN YEAR = 2045 AADT = 34,500
K = 10.0% D = 75.0% T = % (24 HOUR)
DESIGN HOUR T = %
DESIGN SPEED = 45 MPH

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			ALICO ROAD TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		11
						LEE	20192030-000		



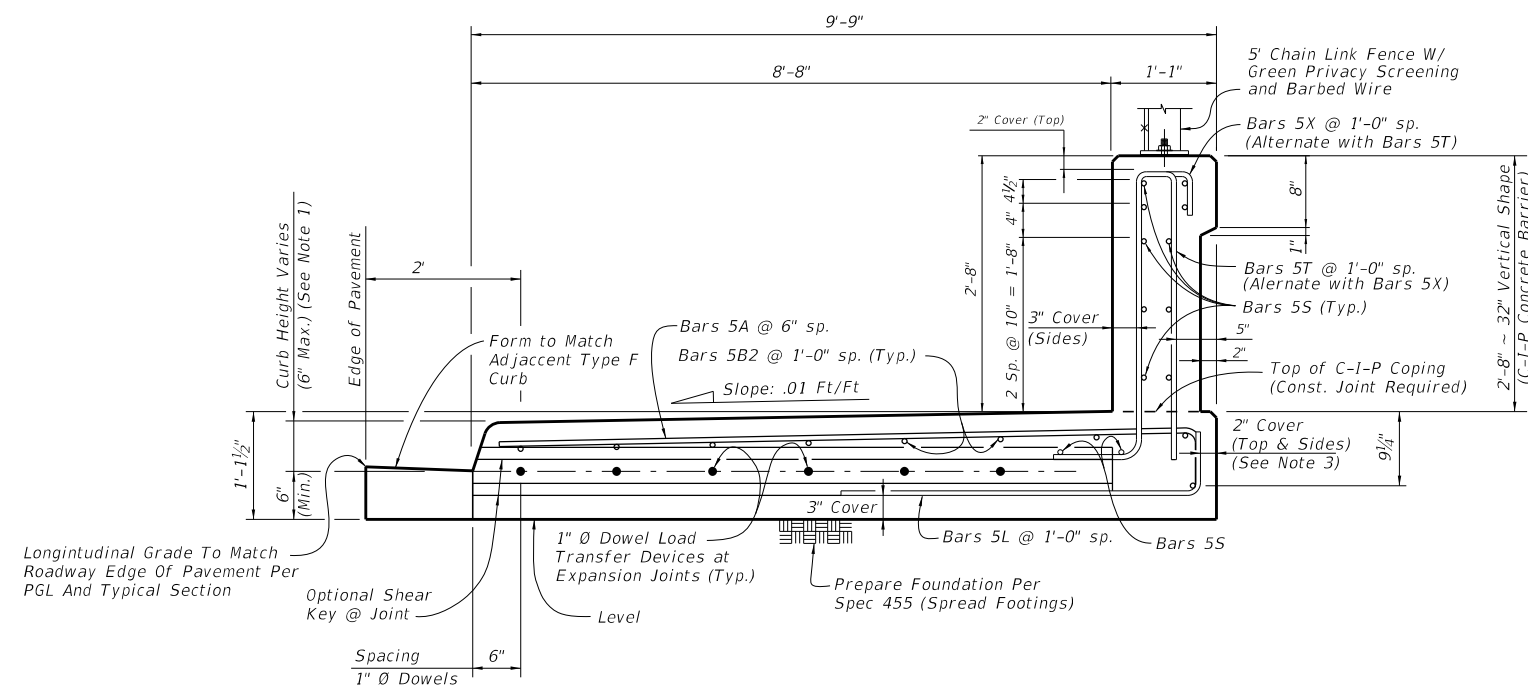
**WELL SITE NO. 33
(STA. 819+50±)
PLAN VIEW**

Not To Scale



**WELL SITE NO. 32
(STA. 835+20±)
PLAN VIEW**

Not To Scale

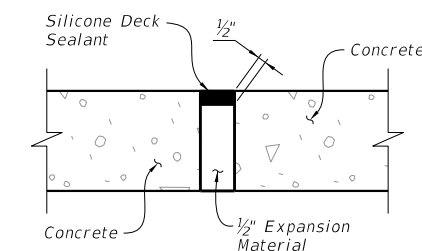


**BARRIER WALL WITH
RAISED SIDEWALK DETAIL**

Not To Scale

Notes:

- 1) Maximum segment length 30' between expansion joints.
- 2) Paint and grease transfer dowels Per Spec. 35-12.7
- 3) Concrete shall be Class II 4,000 PSI



EXPANSION JOINT DETAIL

Not To Scale

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			WELL SITE DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		11A
						LEE	20192030-000		

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL										CURB INLETS			MANHOLES			DITCH BOTTOM INLETS		MITERED END SECTION						CLASS 1 CONC.	REMARKS	
						ROUND										P-6	J-6	J-6	P-8	J-8	J-8	D	E	ROUND			ELLIPSE					
						18"	24"	30"	36"	42"	48"	60"	19"x30"	24"x38"	29"x45"	34"x53"	<10'	<10'	>10'	<10'	>10'	<10'	<10'	18"	48"	60"	19"x30"	24"x38"	34"x53"			
P	S-135	866+20.00	RT.	Inlet, Pipe	1					47											1											Modified Sloped Top
F	S-136	866+70.00	RT.	Inlet	1																1											Modified Sloped Top
F	S-137	869+07.99	LT.	MES, Pipe											300												3					34"x53" Mitered End Section, Triple
F	S-138	869+07.99	RT.	MES, Pipe																							3					34"x53" Mitered End Section, Triple
F	S-141	853+15.33	RT.	MES	1																	1										
F	S-143	862+67.31	RT.	MES	1																	1										
F	S-144	852+94.70	RT.	Manhole, Pipe	1						102										1											
F	S-145	852+89.39	RT.	Manhole, Pipe	1						102										1											
F	S-146	852+84.09	RT.	Manhole, Pipe	1						122										1											
F	S-147	852+78.78	RT.	Manhole, Pipe	1						72										1											
F	S-200	799+95.00	LT.	Manhole, Pipe	1		201										1															With Offset Riser
F	S-201	805+00.00	LT.	Manhole, Pipe	1				296												1											With Offset Riser
F	S-202	808+00.00	LT.	Manhole, Pipe	1				364												1											With Offset Riser
F	S-203	811+70.00	LT.	Manhole, Pipe	1				324												1											With Offset Riser
F	S-204	815+00.00	LT.	Manhole, Pipe	1				354												1											With Offset Riser
F	S-205	818+60.00	LT.	Manhole, Pipe	1					334											1											With Offset Riser
F	S-206	822+00.00	LT.	Manhole, Pipe	1					194											1											With Offset Riser
F	S-207	826+00.00	LT.	Manhole, Pipe	1					194											1											With Offset Riser
F	S-208	830+00.00	LT.	Manhole, Pipe	1						118										1											With Offset Riser
F	S-209	835+00.00	LT.	Manhole, Pipe	1						153										1											With Offset Riser
F	S-210	838+20.00	LT.	Manhole, Pipe	1						151										1											With Offset Riser
F	S-211	841+38.00	LT.	Manhole, Pipe	1						277										1											With Offset Riser
F	S-212	844+22.00	LT.	Manhole, Pipe	1						270										1											With Offset Riser
F	S-213	846+98.80	LT.	Manhole, Pipe	1		6				83										1											With Offset Riser
F	S-214	851+48.00	LT.	Manhole, Pipe	1						171										1											
F	S-215	853+25.33	LT.	Manhole, Pipe	1						118										1											
F	S-217	859+50.00	LT.	Manhole	1				169												1											
F	S-218	862+99.00	LT.	Manhole, Pipe									152								1											
F	S-219	862+99.00	RT.	S EW, Pipe																									4.5		29"x45" Endwall, Double	
F	S-220	866+09.00	LT.	Manhole, Pipe	1				302												1											
F	S-221	873+41.85	LT.	MES, Pipe									46														2			34"x53" Mitered End Section, Doulbe		
F	S-222	853+03.63	RT.	Manhole, Pipe	1						176										1											
F	S-223	856+70.47	RT.	Manhole, Pipe	1						90										1											
F	S-224	857+71.55	RT.	MES	1																		1								Outfall (Offsite Drainage)	
F	S-225	824+00.00	LT.	Manhole, Pipe	1						194										1											With Offset Riser
Sheet Summary				P Total	0	207	0	1,809	47	1,314	1,607	0	0	152	346	0	0	0	1	0	25	0	2	1	1	1	0	0	8	4		
				F Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			

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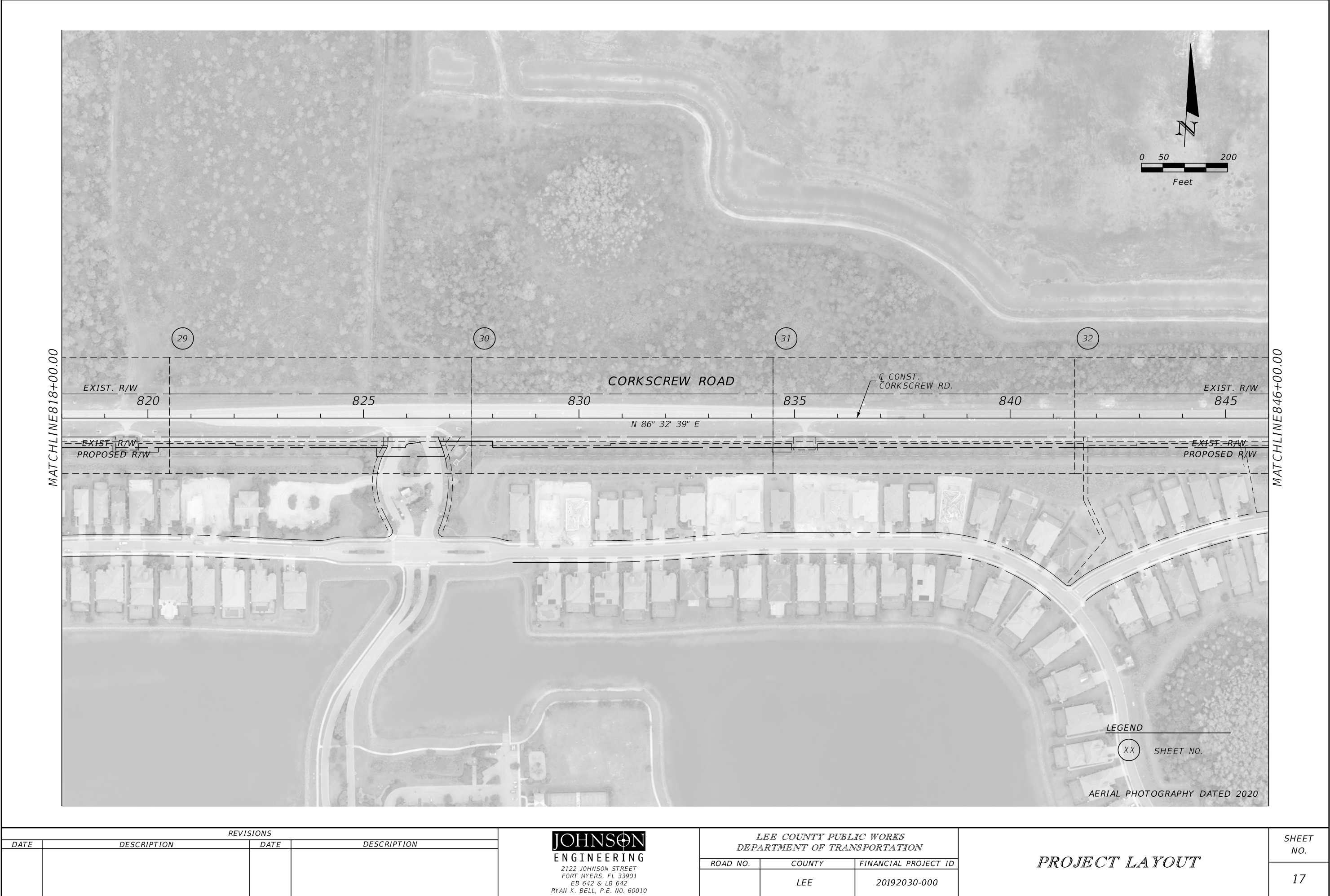
QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL										CURB INLETS			MANHOLES			DITCH BOTTOM INLETS		MITERED END SECTION						CLASS 1 CONC.	REMARKS
						ROUND										P-6 194	J-6 194	J-6 194	P-8 194	J-8 194	J-8 194	D 194	E 194	ROUND			ELLIPSE				
						18"	24"	30"	36"	42"	48"	60"	19"x30"	24"x38"	29"x45"									34"x53"	18"	48"	60"	19"x30"	24"x38"	34"x53"	18"
P	S-226	828+00.00	LT.	Manhole, Pipe	1							194								1											With Offset Riser
F																															
P	S-227	831+25.00	LT.	Manhole, Pipe	1							118								1											
F																															
P	S-228	832+50.00	LT.	Manhole, Pipe	1							118								1											With Offset Riser
F																															
P	S-229	833+75.00	LT.	Manhole, Pipe	1							118								1											With Offset Riser
F																															
P	S-230	836+60.00	LT.	Manhole, Pipe	1							153								1											With Offset Riser
F																															
P	S-231	839+78.25	LT.	Manhole, Pipe	1							153								1											With Offset Riser
F																															
P	S-232	847+88.57	LT.	Manhole, Pipe	1							83								1											
F																															
P	S-233	848+78.34	LT.	Manhole, Pipe	1							83								1											
F																															
P	S-234	849+68.45	LT.	Manhole, Pipe	1							83								1											
F																															
P	S-235	850+58.22	LT.	Manhole, Pipe	1							83								1											
F																															
P	S-236	861+22.50	LT.	Manhole, Pipe	1				169											1											
F																															
P	S-237	853+20.11	RT.	Manhole, Pipe	1							126								1											
F																															
P	S-238	853+14.57	RT.	Manhole, Pipe	1							126								1											
F																															
P	S-239	853+09.03	RT.	Manhole, Pipe	1							126								1											
F																															
P	S-240	854+87.05	RT.	Manhole, Pipe	1							176								1											
F																															
P	S-241	868+80.00	RT.	Inlet, Pipe	1				376												1										Modified Sloped Top
F																															
P	S-200a	799+95.00	LT.	MES, Pipe	1								3													1					
F																															
P	S-200b	802+30.00	LT.	Manhole, Pipe	1				296											1											With Offset Riser
F																															
P	S-200c	802+30.00	LT.	MES, Pipe	1								3													1					
F																															
P	S-205a	818+60.00	LT.	MES, Pipe	1								3													1					
F																															
P	S-208a	830+00.00	LT.	MES, Pipe	1									3													1				
F																															
P	S-211a	841+38.00	LT.	MES, Pipe	1								3													1					
F																															
P	S-214a	851+48.00	LT.	S EW, Pipe	1									4																	Formed Into Gravity Wall
F					</																										



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		PROJECT LAYOUT	SHEET NO.
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						LEE		15



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						LEE		16



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		17

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

(XX) SHEET NO.

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		18

⌀ CONST. CORKSCREW ROAD (HORIZONTAL CONTROL)						
ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
CORKSCREW ROAD	CL105	PI	790+00.00		770008.73	745312.89
CORKSCREW ROAD	CL106	PI	802+80.00		770089.88	746590.32
CORKSCREW ROAD	CL107	PI	849+00.00		770368.37	751201.92
CORKSCREW ROAD	CL108	PI	853+00.00		770395.47	751601
CORKSCREW ROAD	CL109	PI	868+00.00		770485.89	753098.27
CORKSCREW ROAD	CL110	PI	873+00.00		770519.03	753597.17
CORKSCREW ROAD	CL111	POT	892+42.07		770636.09	755535.71

⌀ CONST. ALICO ROAD (HORIZONTAL CONTROL)						
ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
ALICO ROAD	ALICO10	PI	35+00.00		771952.02	752770.25
	ALICO11	PI	50+00.00		770484.97	753082.92

REFERENCE POINTS (VERTICAL CONTROL)						
POINT	COORDINATES		ELEVATION *	⌀ CONST.		DESCRIPTION
	NORTHING (Y)	EASTING (X)		STATION	OFFSET	
219	770035.38	746145.86	21.72			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 219 LB642"
220	770106.32	747146.87	21.37			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 220 LB642"
221	770162.53	748203.18	21.82			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 221 LB642"
222	770231.61	749206.08	20.92			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 222 LB642"
223	770295.56	750199.53	21.67			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 223 LB642"
224	770349.58	751201.64	20.54			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 224 LB642"
225	770414.55	752215.93	21.72			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 225 LB642"
226	770461.25	753096.51	21.66			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 226 LB642"
227	770510.29	753976.09	19.05			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 227 LB642"
228	771458.95	752922.84	20.85			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 228 LB642"
402	770593.00	754505.00	30.89			FOUND NGS BENCHMARK F779
501	774080.02	752689.79	23.03			FOUND NGS CONTROL POINT 46 26 22 01
600	771948.20	752816.53	21.79			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 600 LB642"
601	772438.22	752715.00	22.82			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 601 LB642"
602	773440.35	752767.33	22.58			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 602 LB642"
603	773689.13	752759.63	24.96			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 603 LB642"
604	773359.12	752830.15	23.12			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 604 LB642"
605	773055.00	752764.00	23.93			SET PK NAIL & DISK STAMPED "BM 25" IN WEST FACE OF WOOD POWER POLE.
10024	769996.00	745748.00	20.66			SET MAG NAIL & DISK STAMPED "BM 15" IN NORTH FACE OF FACE CONCRETE POWER POLE"
10025	770053.00	746642.00	21.92			SET MAG NAIL & DISK STAMPED "BM 16" IN EDGE OF PAVEMENT
10026	770108.00	747584.00	22.23			SET MAG NAIL & DISK STAMPED "BM 17" IN NORTH FACE OF WOOD POWER POLE
10027	770170.00	748704.00	21.29			SET MAG NAIL & DISK STAMPED "BM 18" IN NORTH EDGE OF ASPHALT WALK
10028	770253.00	749773.00	21.83			SET MAG NAIL & DISK STAMPED "BM 19" IN CONCRETE MITERED END SECTION
10029	770299.00	750728.00	22.81			SET PK NAIL & DISK STAMPED "BM 20" IN NORTH FACE OF CONCRETE POWER POLE
10030	770356.00	751690.00	21.33			FOUND MAG NAIL & DISK STAMPED "PCP LB6690 BM21" IN NORTH FACE OF WOOD POWER POLE
10031	770414.00	752652.00	20.62			SET MAG NAIL & DISK STAMPED "BM 22" IN NORTH FACE OF WOOD POWER POLE
10032	770471.00	753527.00	21.58			SET PK NAIL & DISK STAMPED "BM 23" IN NORTH FACE OF FACE WOOD POWER POLE
10033	771156.00	752991.00	21.65			SET PK NAIL & DISK STAMPED "BM 24" IN WEST FACE OF WOOD POWER POLE

* ALL ELEVATIONS ARE IN NGVD 29 DATUM.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		
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ROADWAY GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929). THE CONVERSION BETWEEN VERTICAL DATUMS IS NGVD29FT - 01.17FT = NAVD88FT.
2. HORIZONTAL DATUM = NAV 83 FLORIDA STATE PLANE, WEST ZONE.
3. EXISTING FACILITIES SHALL BE RESTORED TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.
4. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
5. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
6. ALL EXCAVATION IN CLOSE PROXIMITY TO A POWER POLE SHALL UTILIZE TRENCH BOXES OR OTHER MEANS OF SHORING TO ENSURE THE POLES ARE NOT UNDERMINED.
7. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA PRIOR TO CONSTRUCTION AND CONTACT THE SUNSHINE STATE ONE CALL AT (800) 432-4770.
8. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED. INFORMATION SHOWN IN UTILITY ADJUSTMENT SHEETS IS BASED ON BEST AVAILABLE DATA PROVIDED BY UAO'S AND SHOULD BE CONSIDERED CONCEPTUAL IN NATURE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL UAO'S ON ANY NECESSARY RELOCATIONS OR ADJUSTMENTS.
9. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
LUMEN	LUIS NEGRON	(239) 920-5925
COMCAST	SCOTT LETZELTER	(239) 986-6975
FLORIDA POWER & LIGHT	MICHAEL MARTINEZ	(239) 353-6047
LEE COUNTY SIGNALS	RYAN KIRSCH	(239) 533-9501
LEE COUNTY IRRIGATION	BOB DEBROCK	(239) 357-4591
LEE COUNTY UTILITIES	BRETT ZIMMERMAN	(239) 292-2338
CROWN CASTLE	CHUCK FERGUSON	(570) 872-6637
TECO GAS	GREG THOMPSON	(407) 799-7438

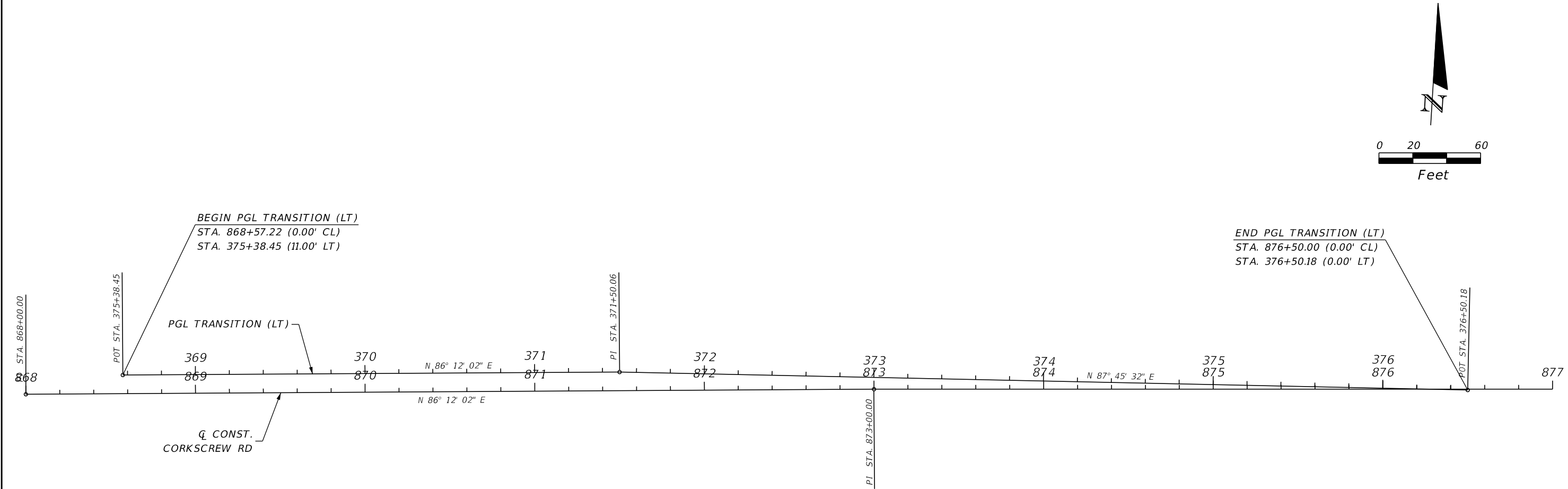
10. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY LEE COUNTY WITHOUT DELAY.
11. CONTRACTOR SHALL PROMPTLY REPORT ALL FIELD CHANGES TO ENGINEER.
12. CONTRACTOR SHALL ACCURATELY PLOT THE LOCATIONS, DEPTHS AND DIMENSIONS OF ALL IMPROVEMENTS ON A FINAL SET OF RECORD DRAWINGS PREPARED BY A FLORIDA REGISTERED LAND SURVEYOR. RECORD DRAWINGS SHALL BE SIGNED AND SEALED ON 11"X17" PAPER AND DELIVERED TO THE ENGINEER PRIOR TO PROJECT COMPLETION. COST OF RECORD DRAWINGS IS INHERENT TO COST OF MOBILIZATION.
13. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
14. CONTRACTOR TO MAINTAIN EXISTING TRAFFIC / ACCESS, EXISTING DRAINAGE AND EXISTING UTILITIES DURING CONSTRUCTION, UNLESS OTHERWISE APPROVED BY LEE COUNTY.
15. CONSTRUCTION STAKING IS THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THESE SERVICES DURING CONSTRUCTION.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CONSTRUCTION-RELATED PERMITTING. PAYMENT FOR ACQUISITION OF CONSTRUCTION-RELATED PERMITS SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION-RELATED ACTIVITIES. NO ADDITIONAL PAYMENT SHALL BE MADE.
17. CONTRACTOR SHALL OBTAIN A NPDES PERMIT, IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN AND ABIDE BY ALL NPDES REQUIREMENTS. ALL APPLICABLE COST SHALL BE INHERENT TO EROSION CONTROL PAY ITEM.
18. CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE COUNTY PROJECT MANAGER. THE CONTRACTOR SHALL PROVIDE THE LEE COUNTY PROJECT MANAGER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED AN MSDS SUBMITTAL.

ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE COUNTY PROJECT MANAGER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE LEE COUNTY PROJECT MANAGER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY PROJECT MANAGER.

19. PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE, SHALL BE FURNISHED TO THE COUNTY PROJECT MANAGER BY THE CONTRACTOR. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY OR APPOINTED REPRESENTATIVE PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THE PROJECT.

20. AT THE COMPLETION OF THIS PROJECT, ALL DISTURBED SURFACES SHALL BE COVERED BY TURF.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING CONVEYANCES AND DRAINAGE CONNECTIONS WITHIN THE PROJECT LIMITS AT ALL TIMES.
22. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES MAY EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION AT THESE LOCATIONS. PRE-MIXED MATERIAL OR BASE IN LIEU OF IS SUGGESTED IN THESE AREAS.
23. STATION/OFFSETS SHOWN FOR MITERED END SECTIONS ARE TO THE END OF THE STRUCTURE AT THE CENTERLINE OF THE PIPE
24. FOR CURB INLETS WITHIN OR ADJACENT TO SIDEWALK THE TOPS SHALL BE SET/ADJUSTED SUCH THAT TOP OF INLET IS FLUSH WITH SURROUNDING SHARED USE PATH AND MEET ALL ADA REQUIREMENTS. EDGES ADJACENT TO CONCRETE SHARED USE PATH SHALL HAVE 1/2" EXPANSION JOINT MATERIAL. COST IN CONSIDERED INHERENT TO THE DRAINAGE STRUCTURE.
25. CONTRACTOR SHALL REPLACE ANY EXISTING SIDE STREET MARKINGS OBLITERATED DURING CONSTRUCTION.
26. ALL PROPOSED PIPE WITHIN THE RIGHT-OF-WAY SHALL BE REINFORCED CONCRETE PIPE (RCP/ERCP).
27. SOD QUANTITY INCLUDES ONLY THOSE AREAS INTENDED TO BE DISTURBED BY PROPOSED IMPROVEMENTS. OTHER DISTURBED AREAS NOT INTENDED TO BE DISTURBED, INCLUDING BUT NOT LIMITED TO STAGING AREAS, STOCKPILE AREAS, ETC., SHALL BE SODDED AT NO ADDITIONAL COST.
28. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
29. CONTRACTOR TO NOTIFY COUNTY IMMEDIATELY IF UNSUITABLE SUBSOIL CONDITIONS ARE ENCOUNTERED.
30. CONTRACTOR SHALL BE AWARE OF EXISTING UTILITIES TO REMAIN ALONG THE CORRIDOR, CARE SHALL BE TAKEN NOT TO DAMAGE THESE FACILITIES DURING CONSTRUCTION.
31. THE CONTRACTOR SHALL BE AWARE OF THE POSSIBLE PRESENCE OF ROCK WITHIN THE PROJECT LIMITS THAT MAY BE ENCOUNTERED WHILE PERFORMING EXCAVATIONS AND UNDERGROUND INSTALLATIONS. GEOTECHNICAL REPORTS WITH BORINGS ARE INCLUDED IN THE CONTRACT DOCUMENTS FOR INFORMATIONAL PURPOSES ONLY, AS THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR FINAL SUBSURFACE DETERMINATION. THE CONTRACTOR SHALL CONSIDER THE INCREASE IN COST FOR ALL UNDERGROUND WORK ACTIVITIES AND INCLUDE SUCH COSTS IN HIS BID. ALL COSTS ASSOCIATED WITH ENCOUNTERED ROCK OR ROCK-LIKE MATERIAL SHALL BE INCLUDED IN THE APPROPRIATE ITEMS OF WORK CONTAINED WITHIN THE CONTRACT. NO ADDITIONAL COMPENSATION WILL BE MADE.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PROJECT NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		20
						LEE	20192030-000		



Q CONST. TRANSITION LEFT (HORIZONTAL CONTROL)						
ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
TRANSITION LT	TRANSPT1	POT	368+57.22		770500.66	753154.64
TRANSITION LT	TRANSPT2	PI	371+50.06		770520.07	753446.83
TRANSITION LT	TRANSPT3	POT	376+50.18		770539.62	753946.56

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

SPECIAL PROFILE (LT)
GRADE LINE LAYOUT

SHEET NO.

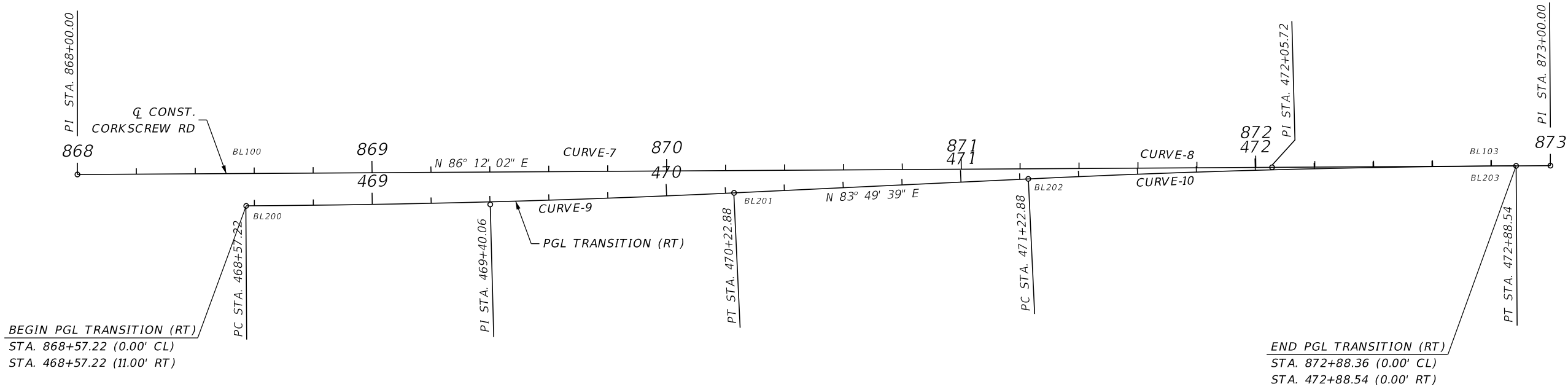
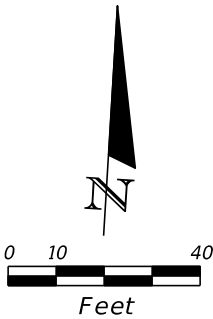
21

LTW

12/7/2022 2:53:28 PM Default

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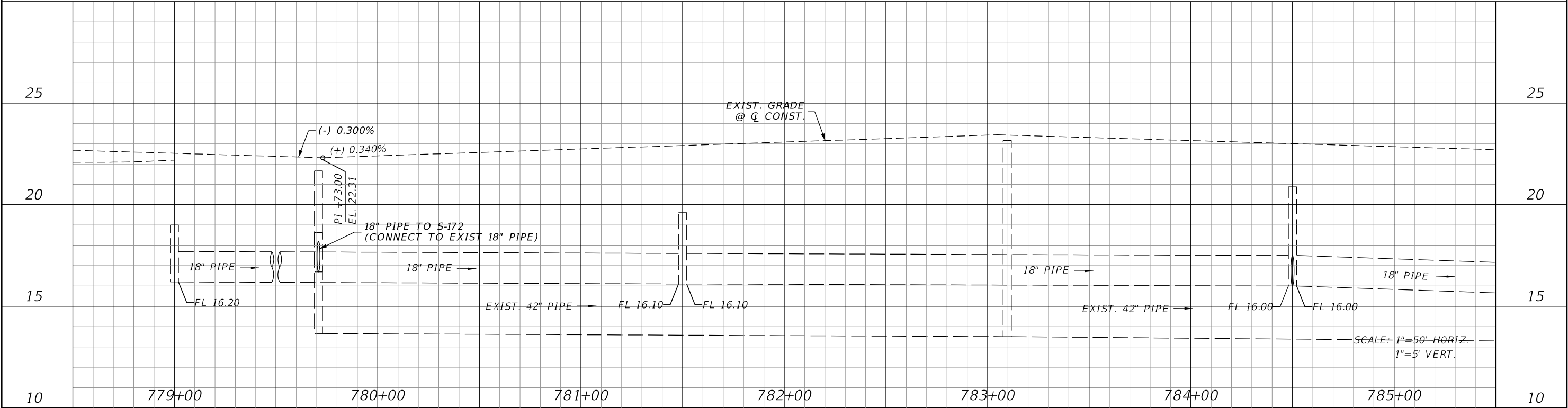
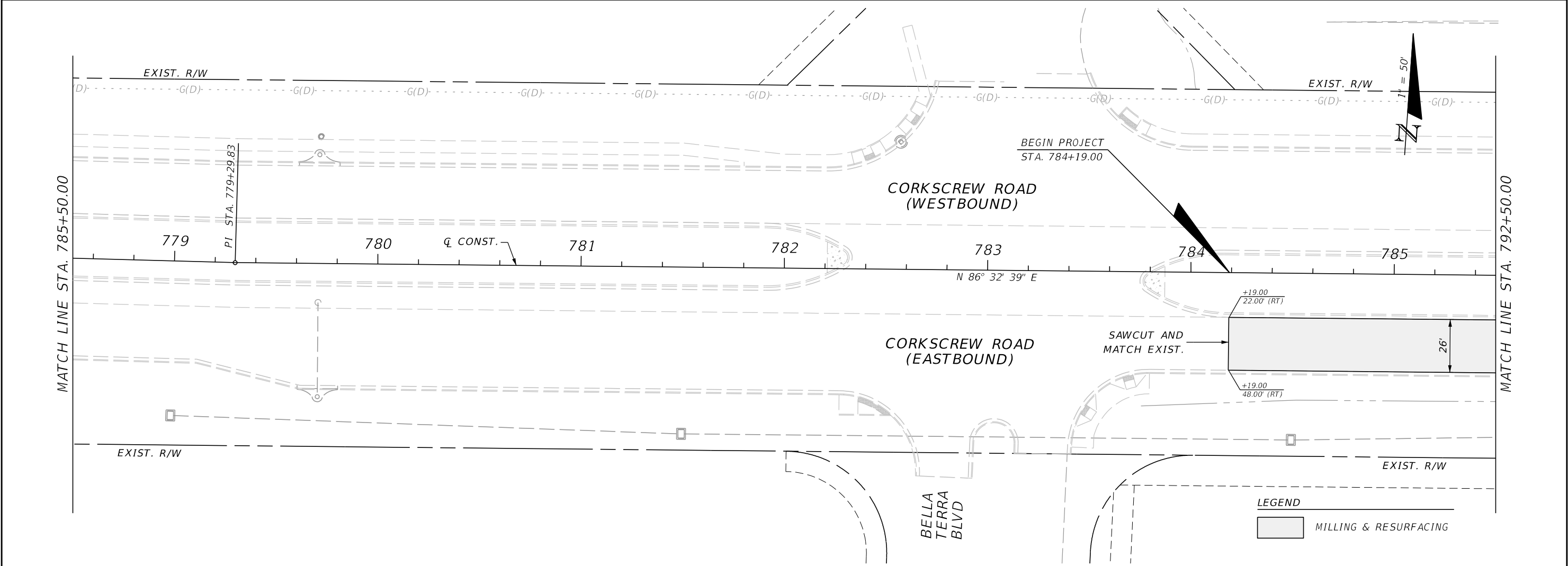
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Δ = 2° 22' 22" (LT)
D = 1° 25' 57"
T = 82.84
L = 165.66
R = 4,000.00
PC STA. = 468+57.22
PT STA. = 470+22.88

CURVE DATA: CURVE-10
PI STA. = 472+05.72
Δ = 2° 22' 22" (RT)
D = 1° 25' 57"
T = 82.84
L = 165.66
R = 4,000.00
PC STA. = 471+22.88
PT STA. = 472+88.54

CONST. TRANSITION RIGHT (HORIZONTAL CONTROL)						
ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
TRANSITION RT	TRANSPT4	PC	468+57.22	CURVE-9	770478.71	753156.09
TRANSITION RT	TRANSPT5	PT	470+22.88	CURVE-9	770493.10	753321.11
TRANSITION RT	TRANSPT6	PC	471+22.88	CURVE-10	770503.86	753420.53
TRANSITION RT	TRANSPT7	PT	472+88.54	CURVE-10	770519.03	753597.17

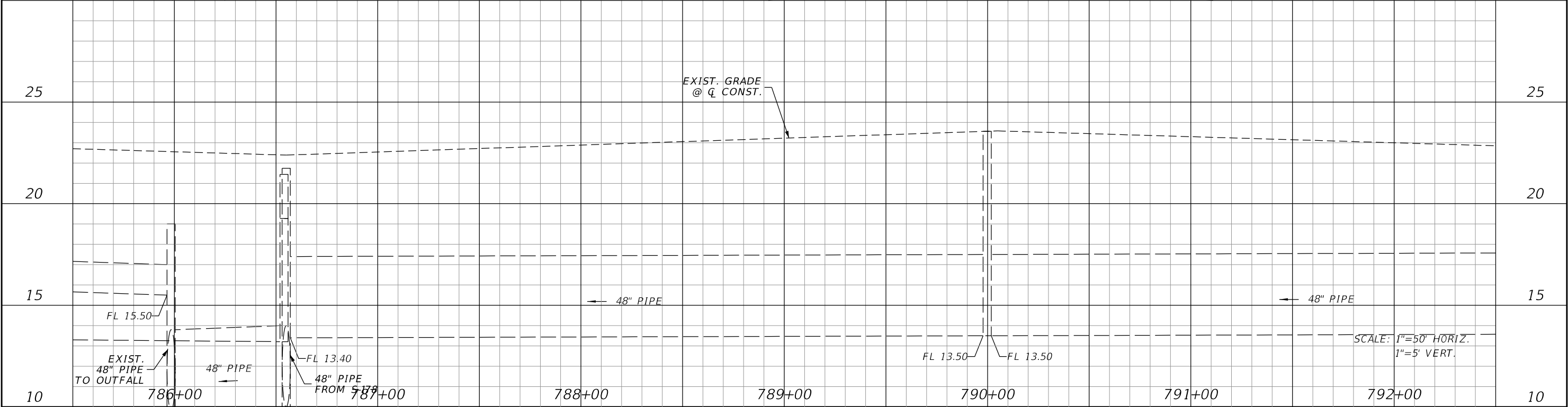
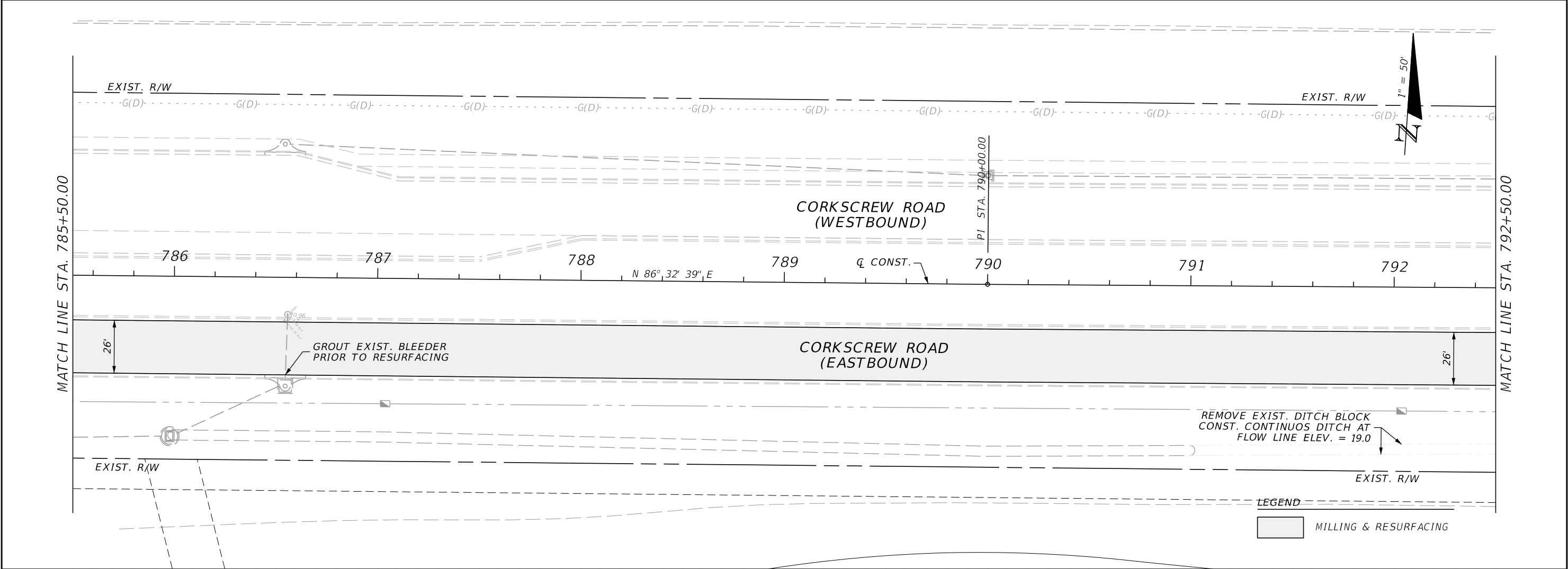
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		SPECIAL PROFILE (RT) GRADE LINE LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						LEE		22

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REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		PLAN & PROFILE STA. 785+50 TO STA. 792+50		SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY			
						LEE			

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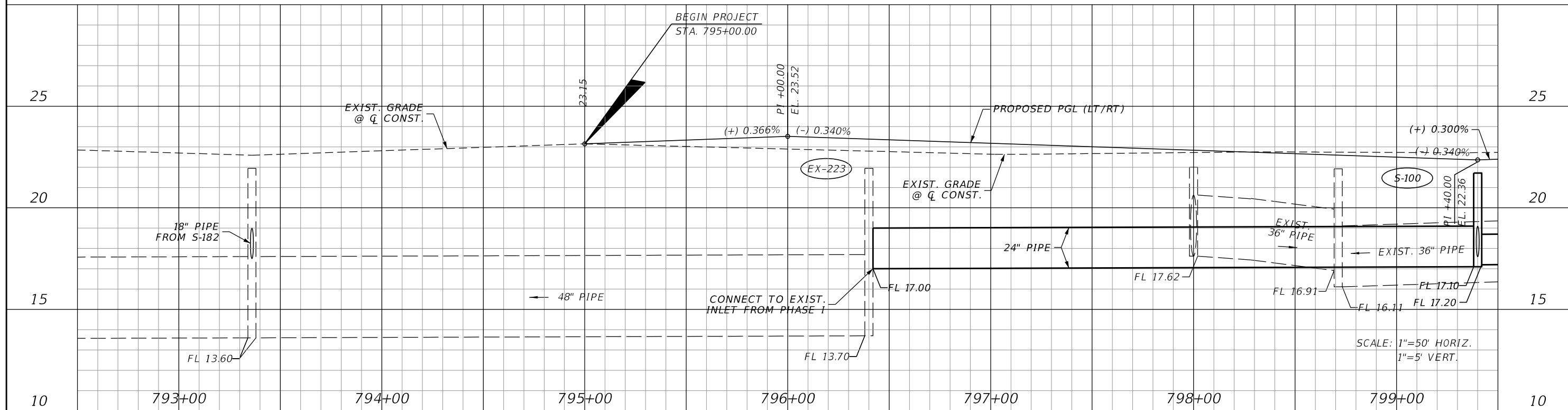
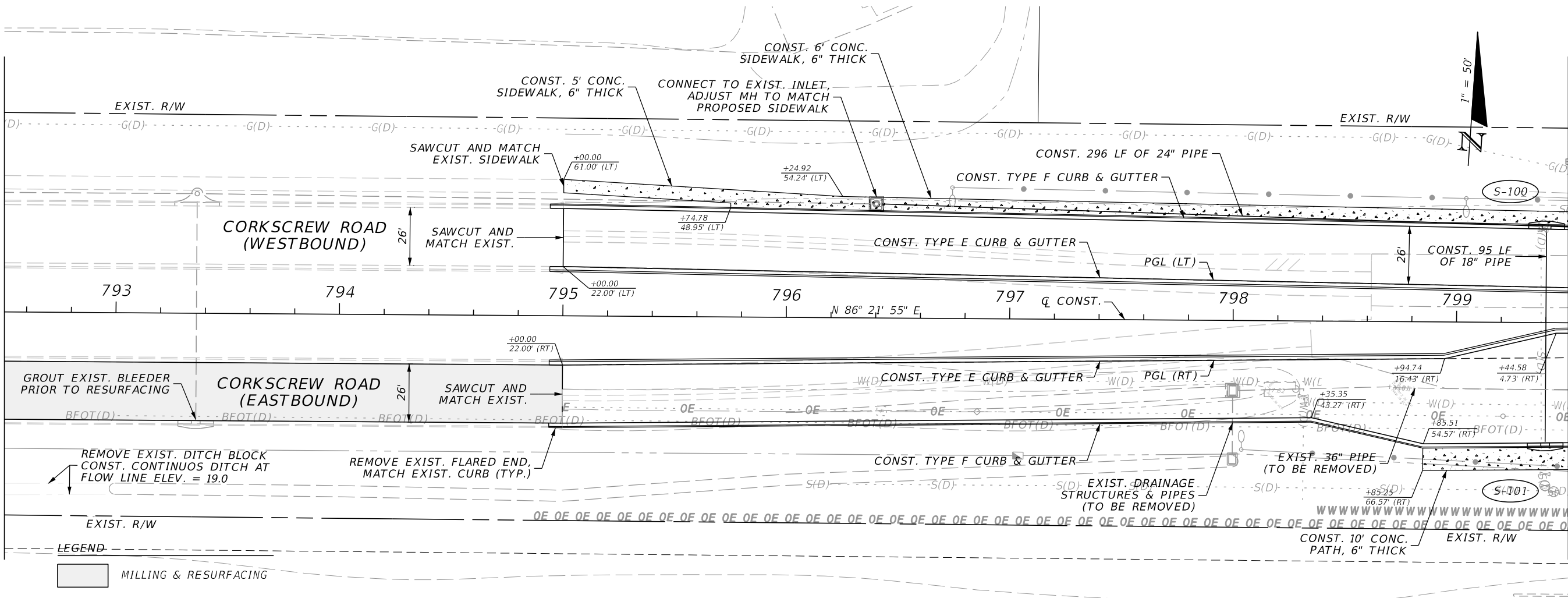


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PLAN & PROFILE STA. 785+50 TO STA. 792+50		SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			

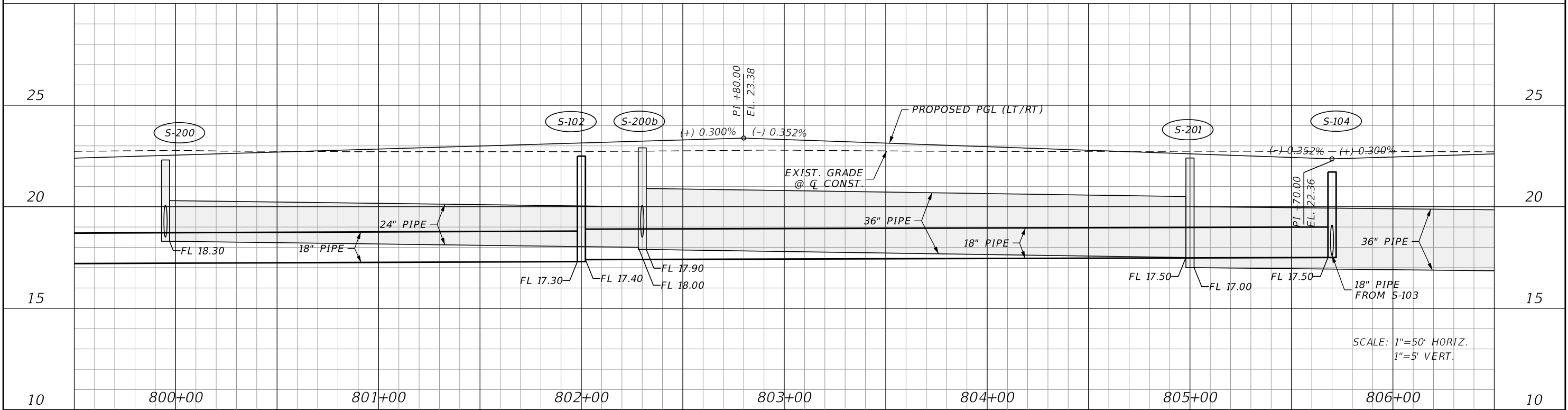
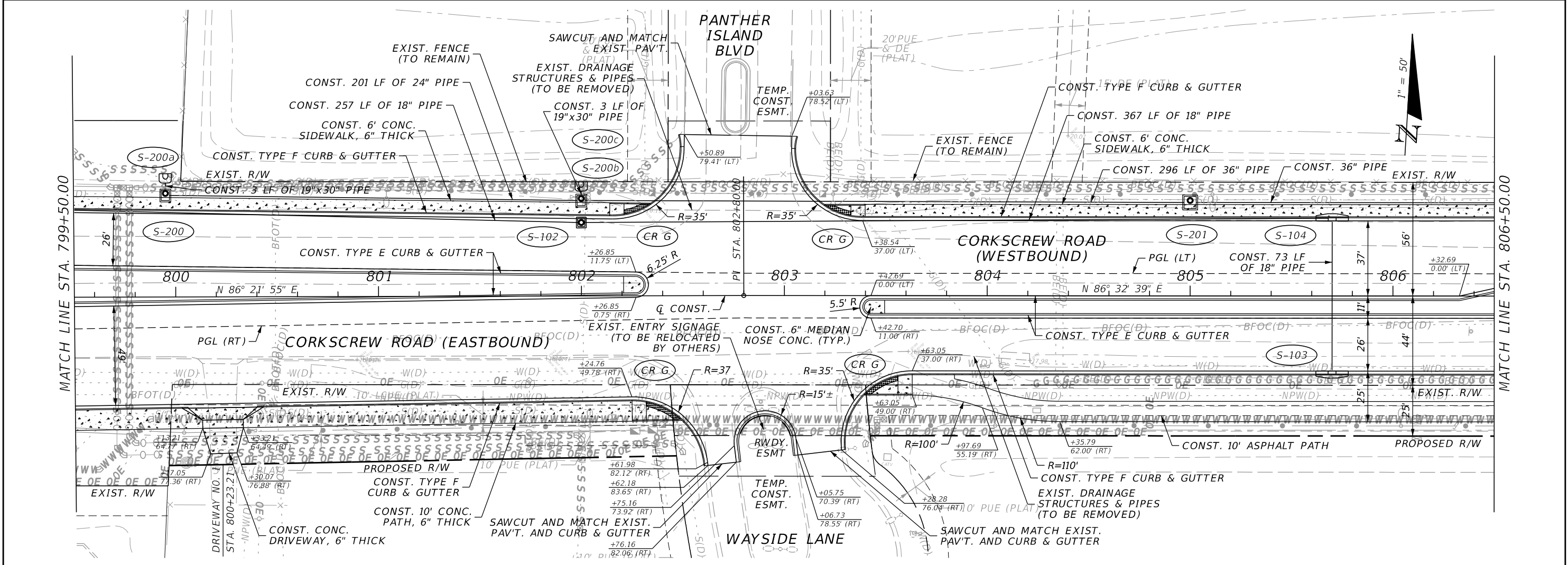
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCH LINE STA. 792+50.00

MATCH LINE STA. 799+50.00

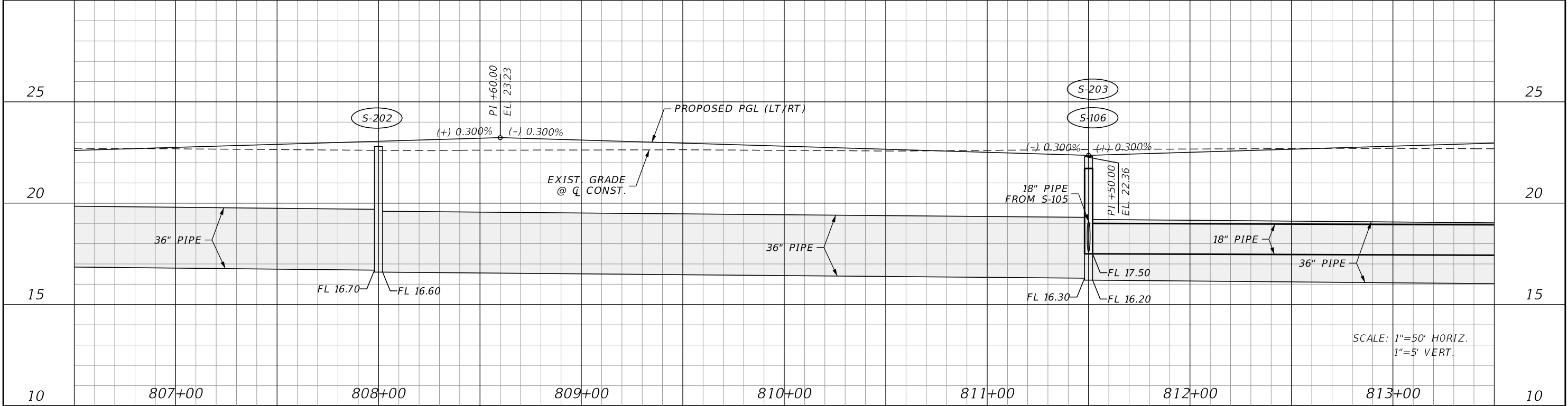
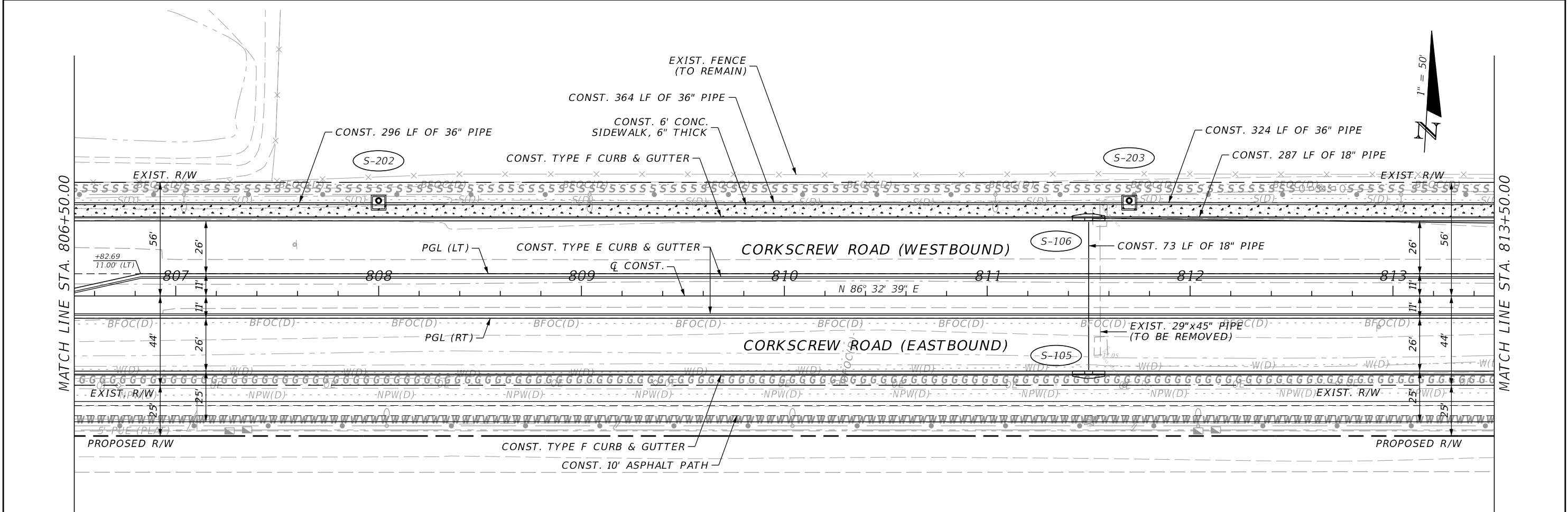


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
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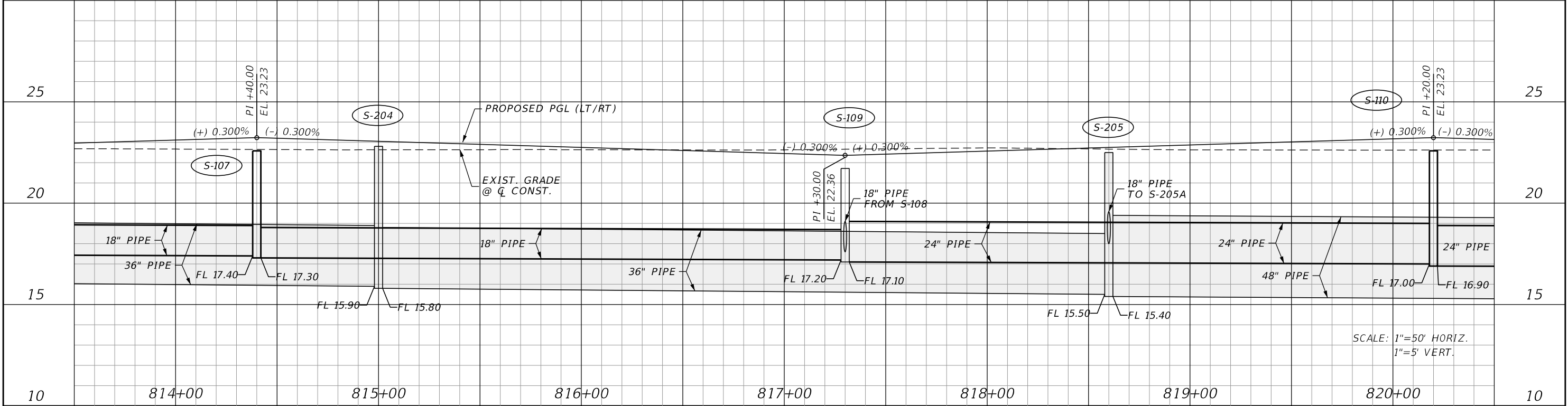
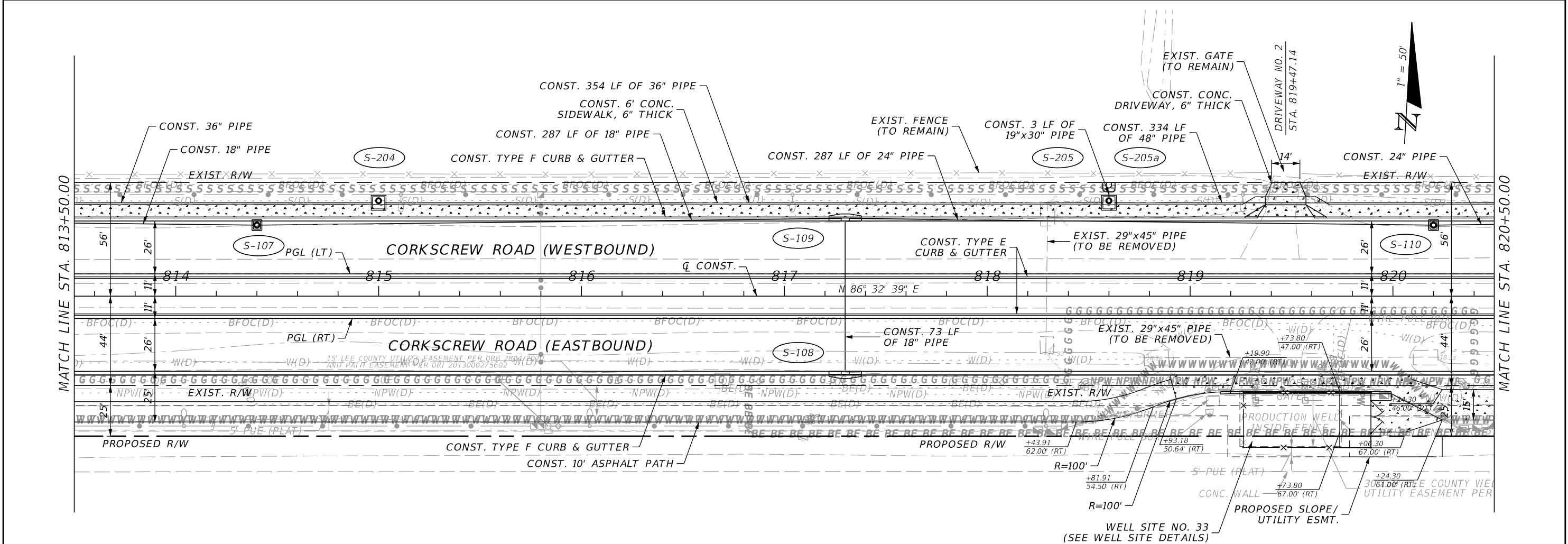
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						LEE		

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REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PLAN & PROFILE STA. 806+50 TO STA. 813+50		SHEET NO. 27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			

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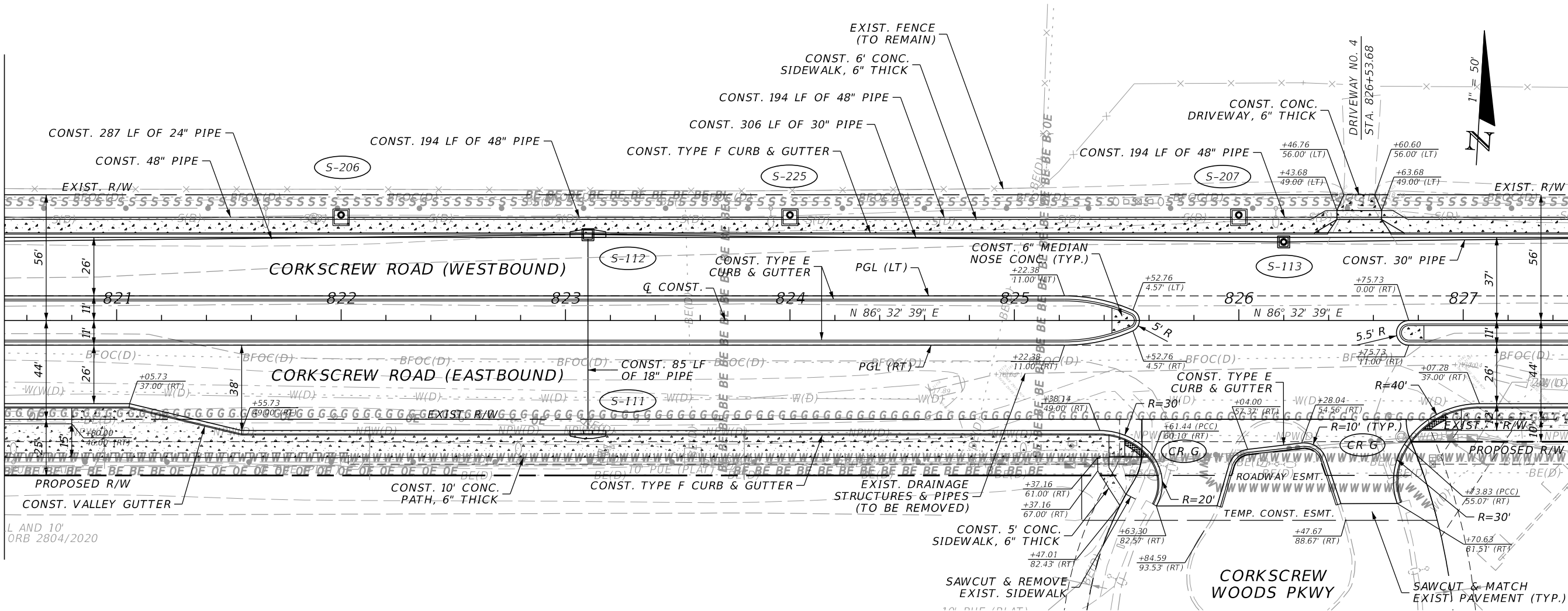


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

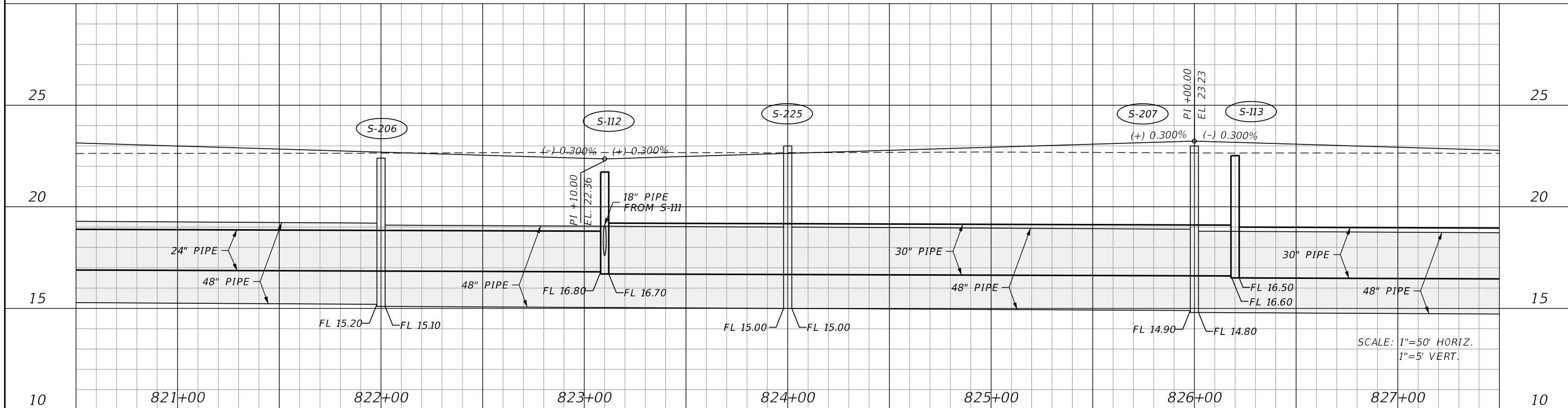
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCH LINE STA. 820+50.00

MATCH LINE STA. 827+50.00

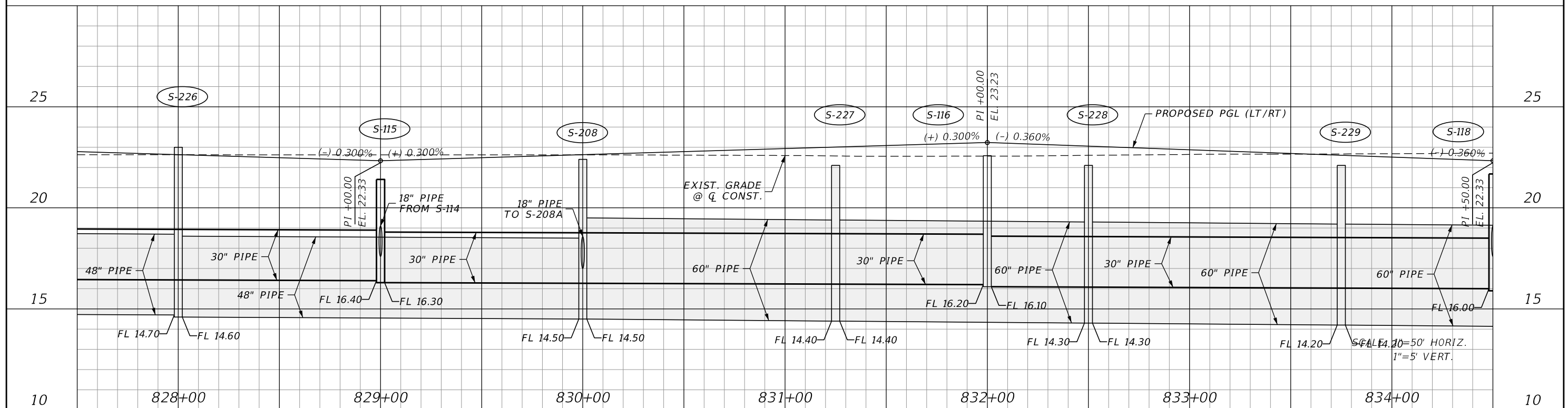
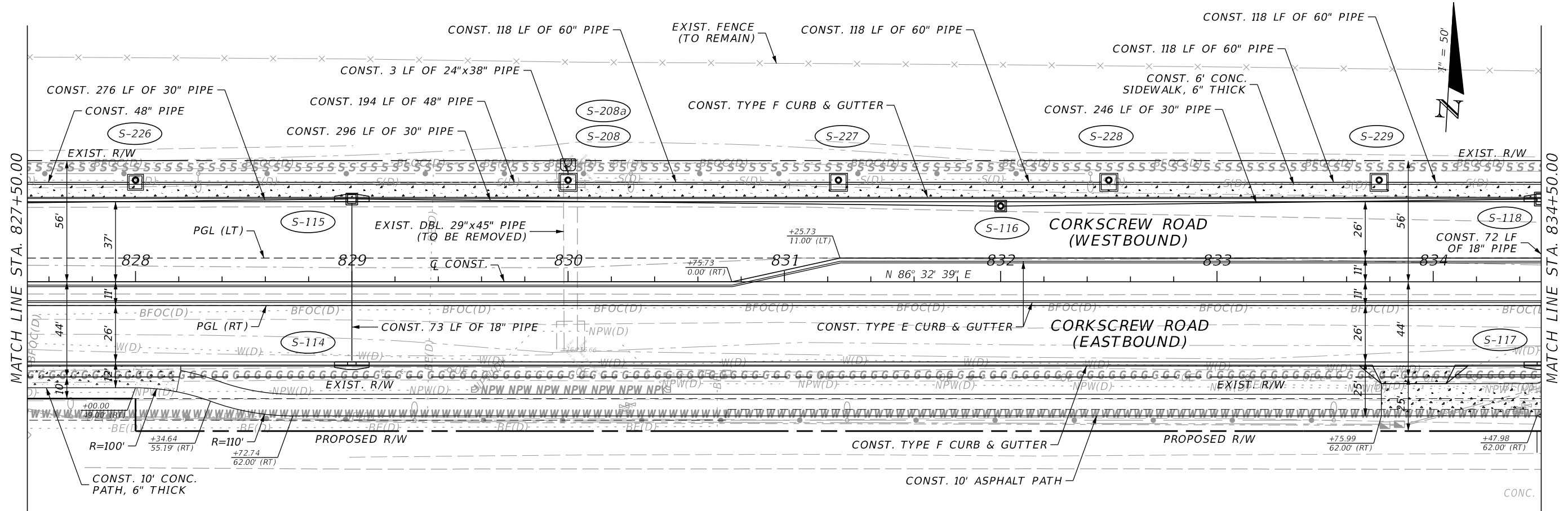


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ORB 2804/2020

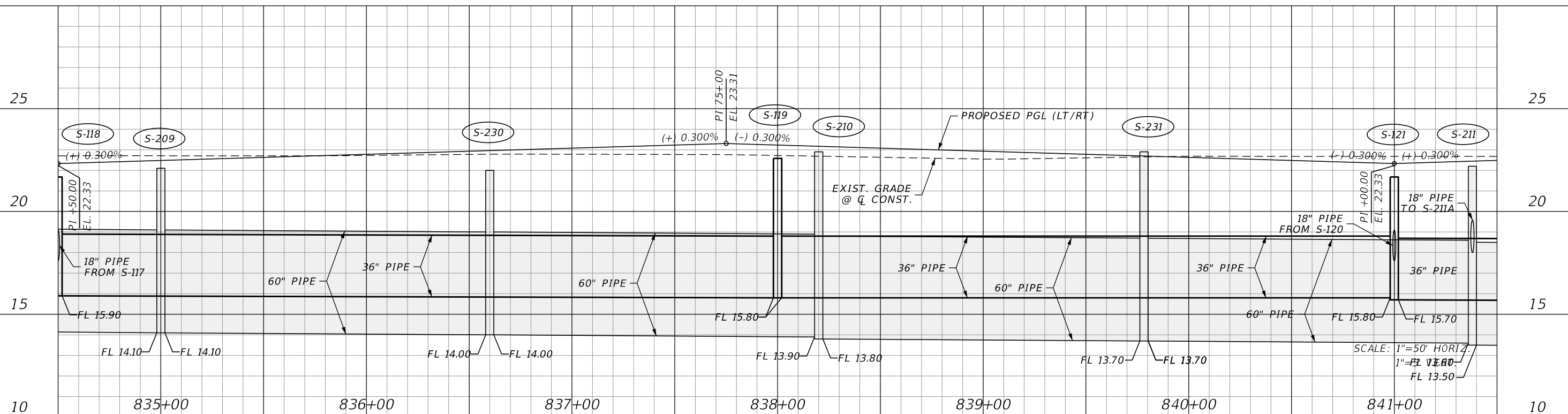
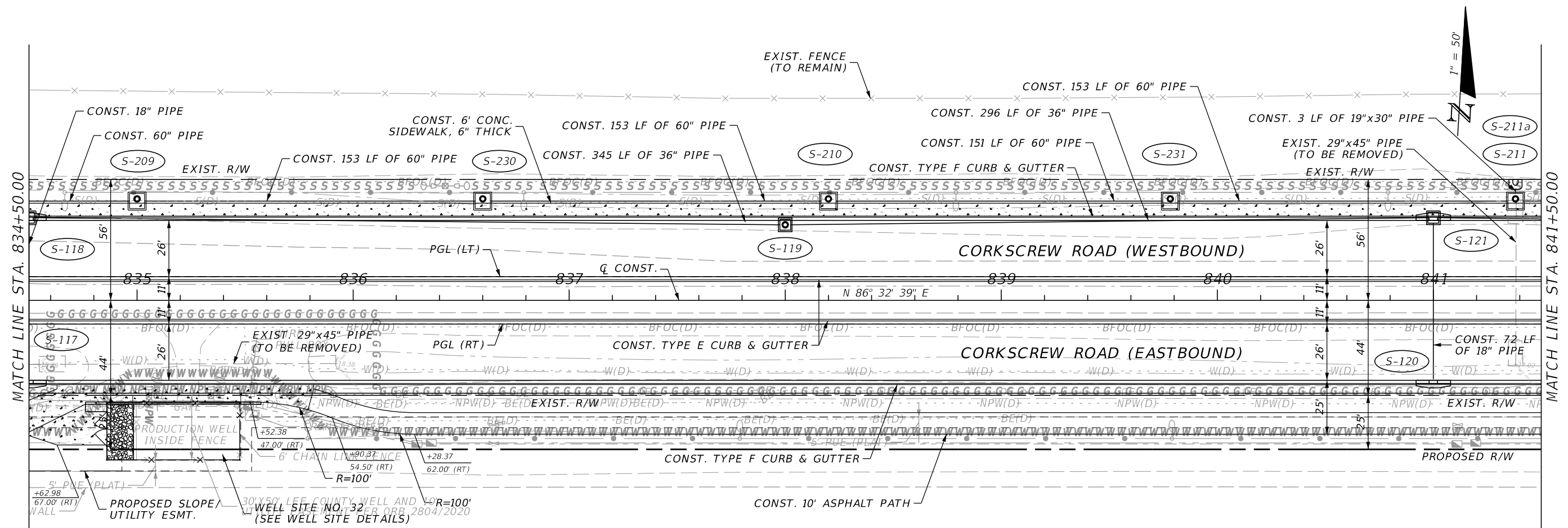


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DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.			COUNTY	FINANCIAL PROJECT ID
										LEE	20192030-000

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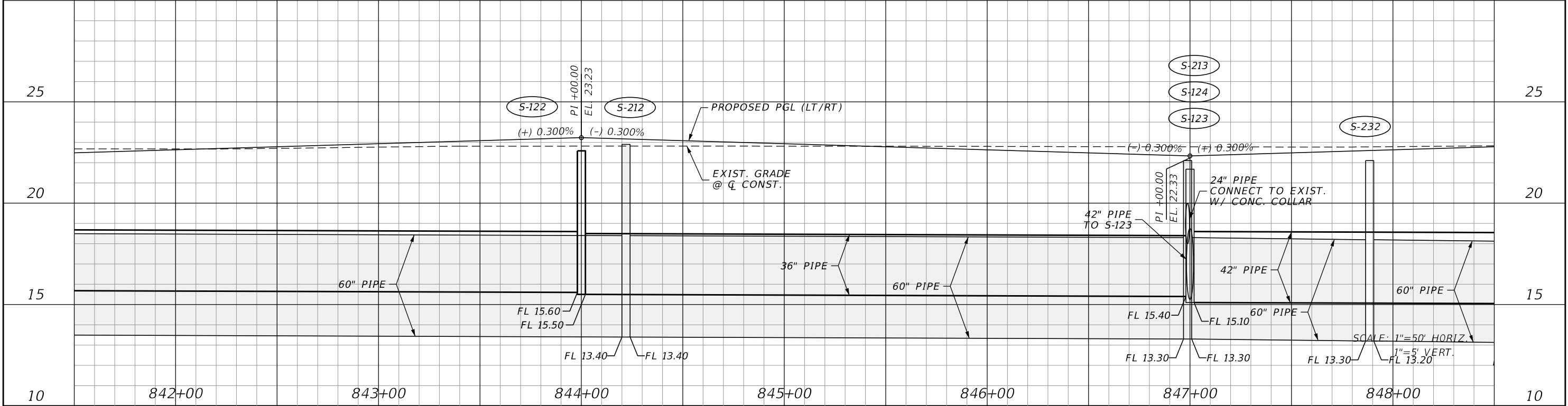
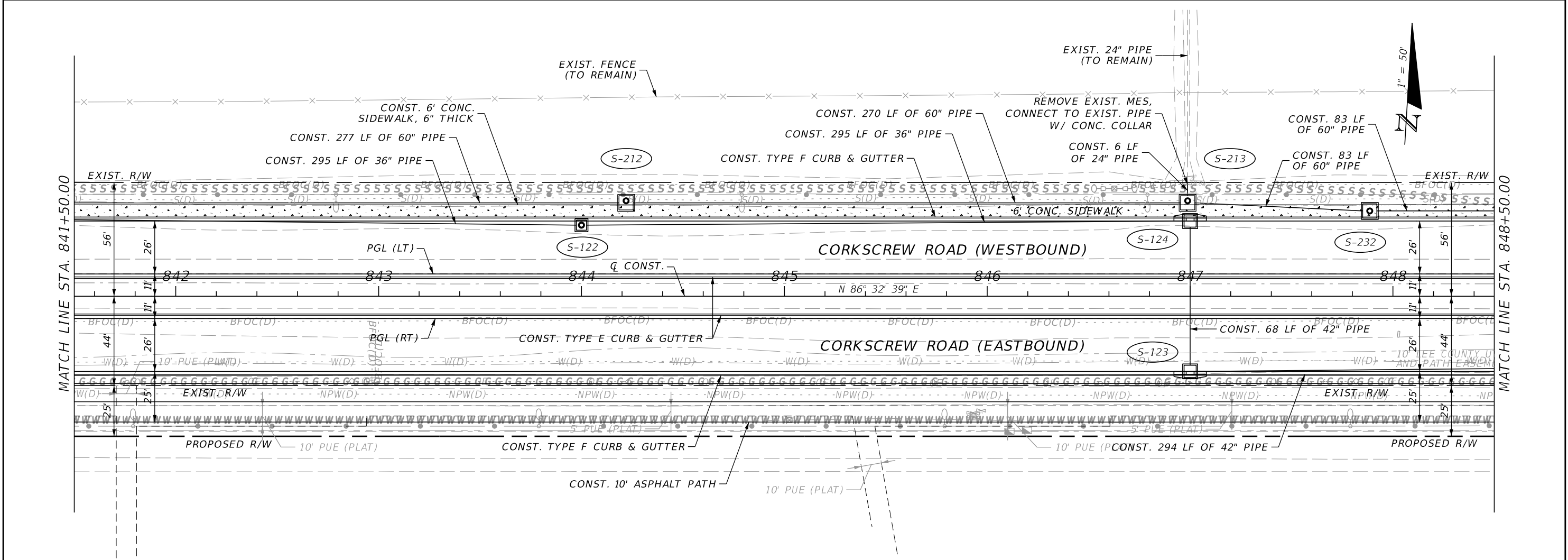


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		



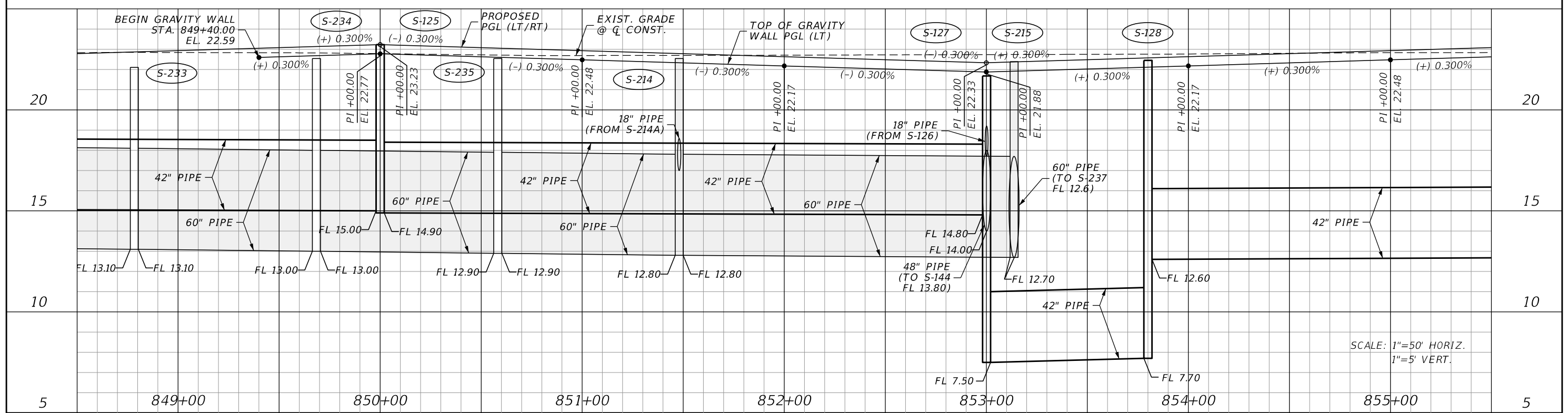
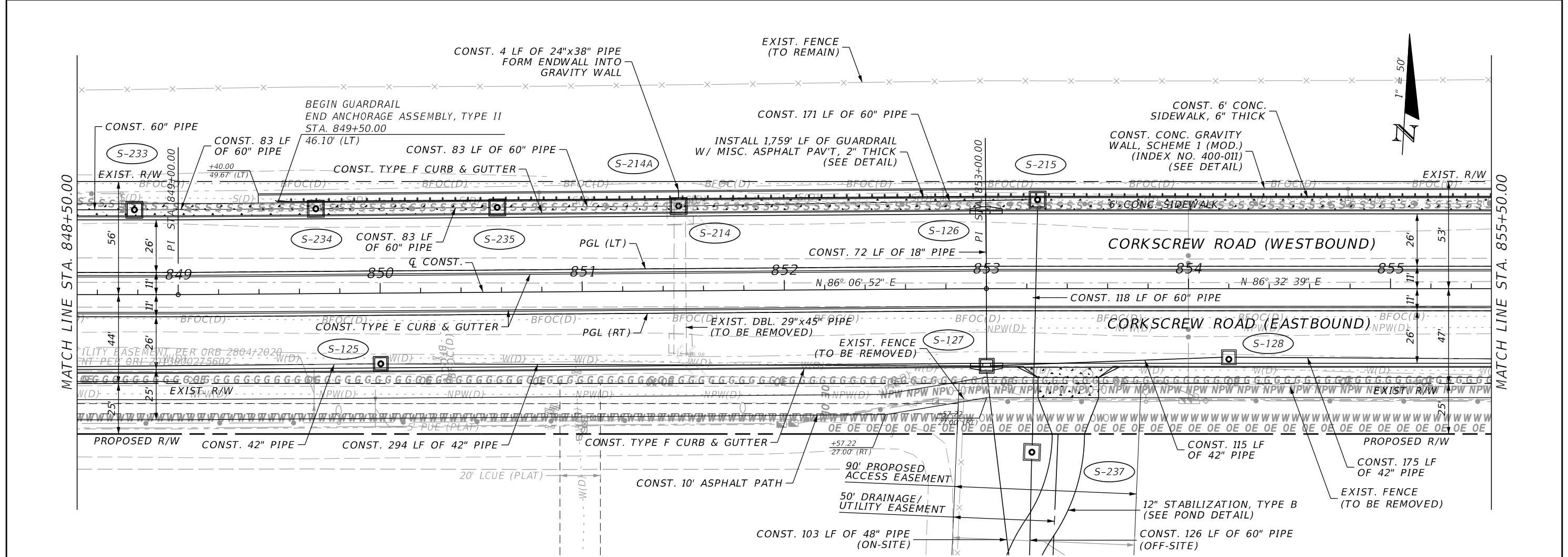
REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			<i>PLAN & PROFILE</i> <i>STA. 834+50 TO STA. 841+50</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		31
						LEE	20192030-000		

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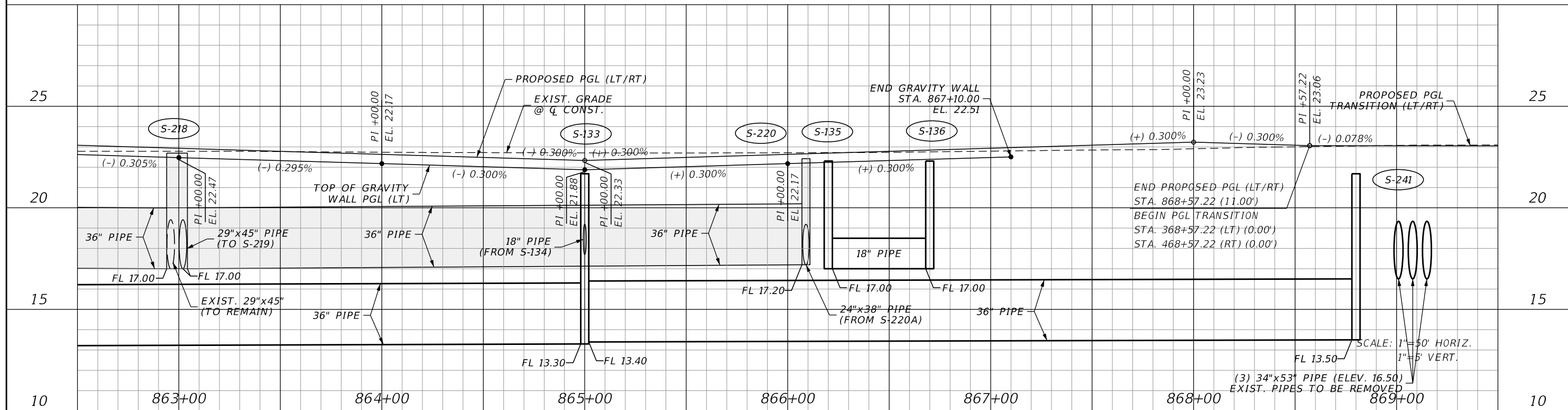
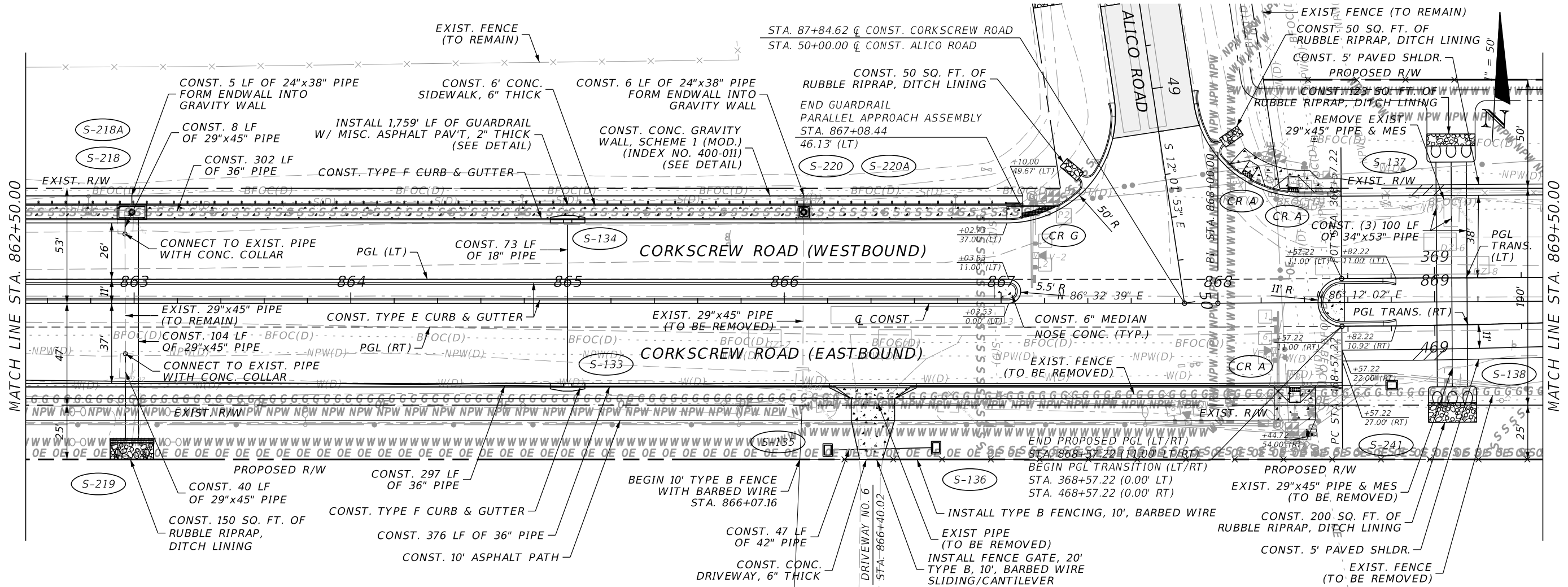
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PLAN & PROFILE STA. 841+50 TO STA. 848+50	SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

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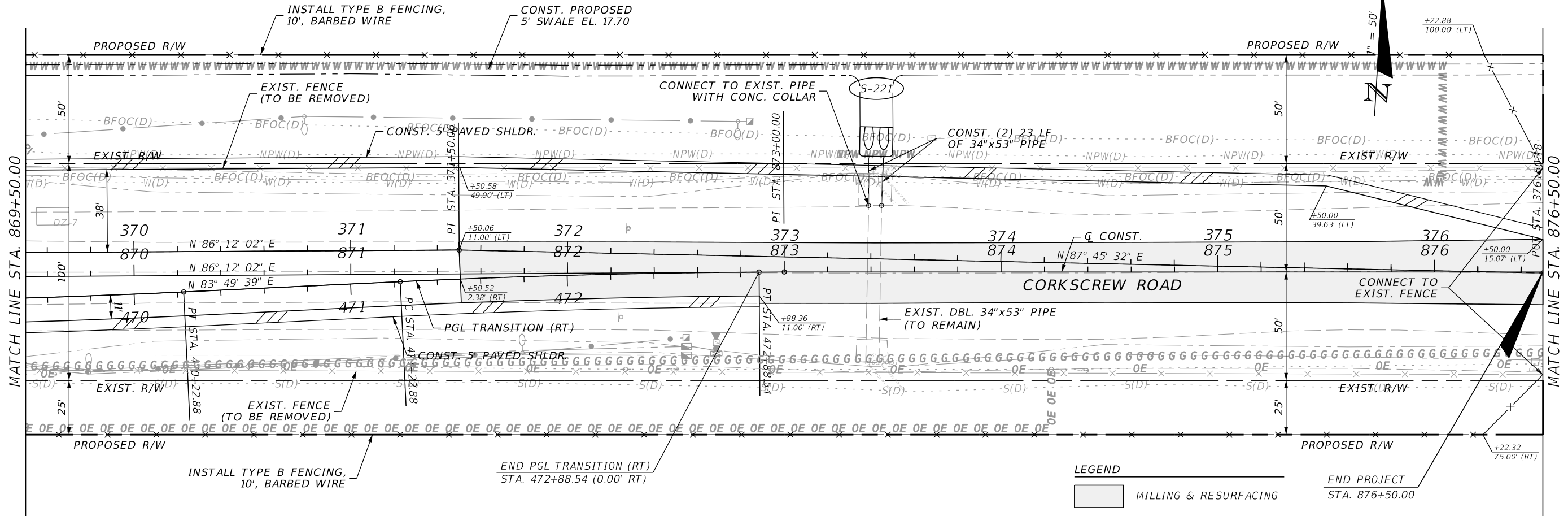


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PLAN & PROFILE STA. 848+50 TO STA. 855+50	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

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REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PLAN & PROFILE STA. 862+50 TO STA. 869+50	SHEET NO. 35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

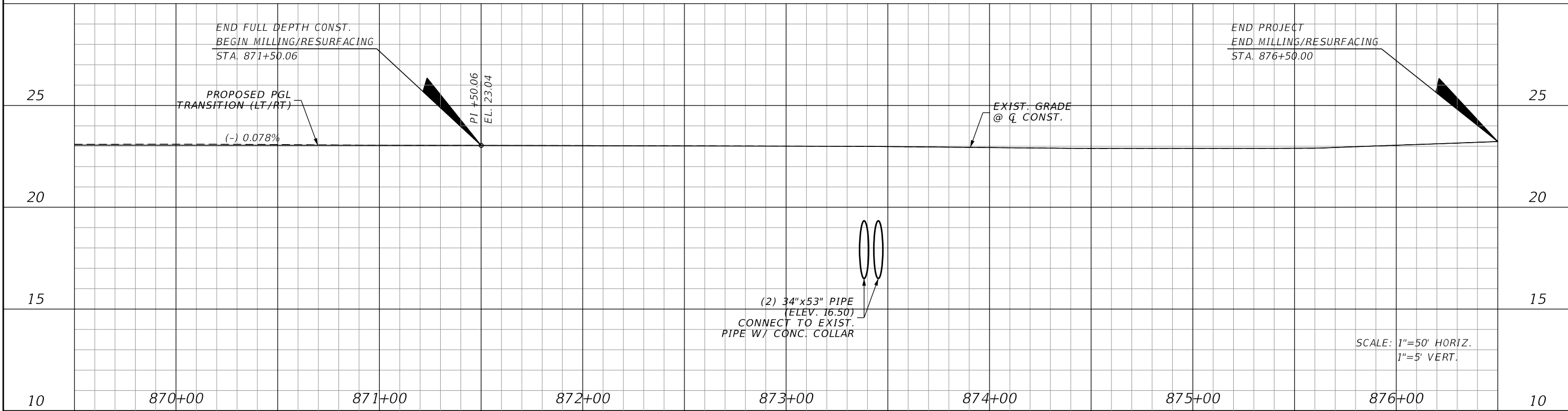


LEGEND



MILLING & RESURFACING

END PROJECT
STA. 876+50.00



SCALE: 1"=50' HORIZ.
1"=5' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

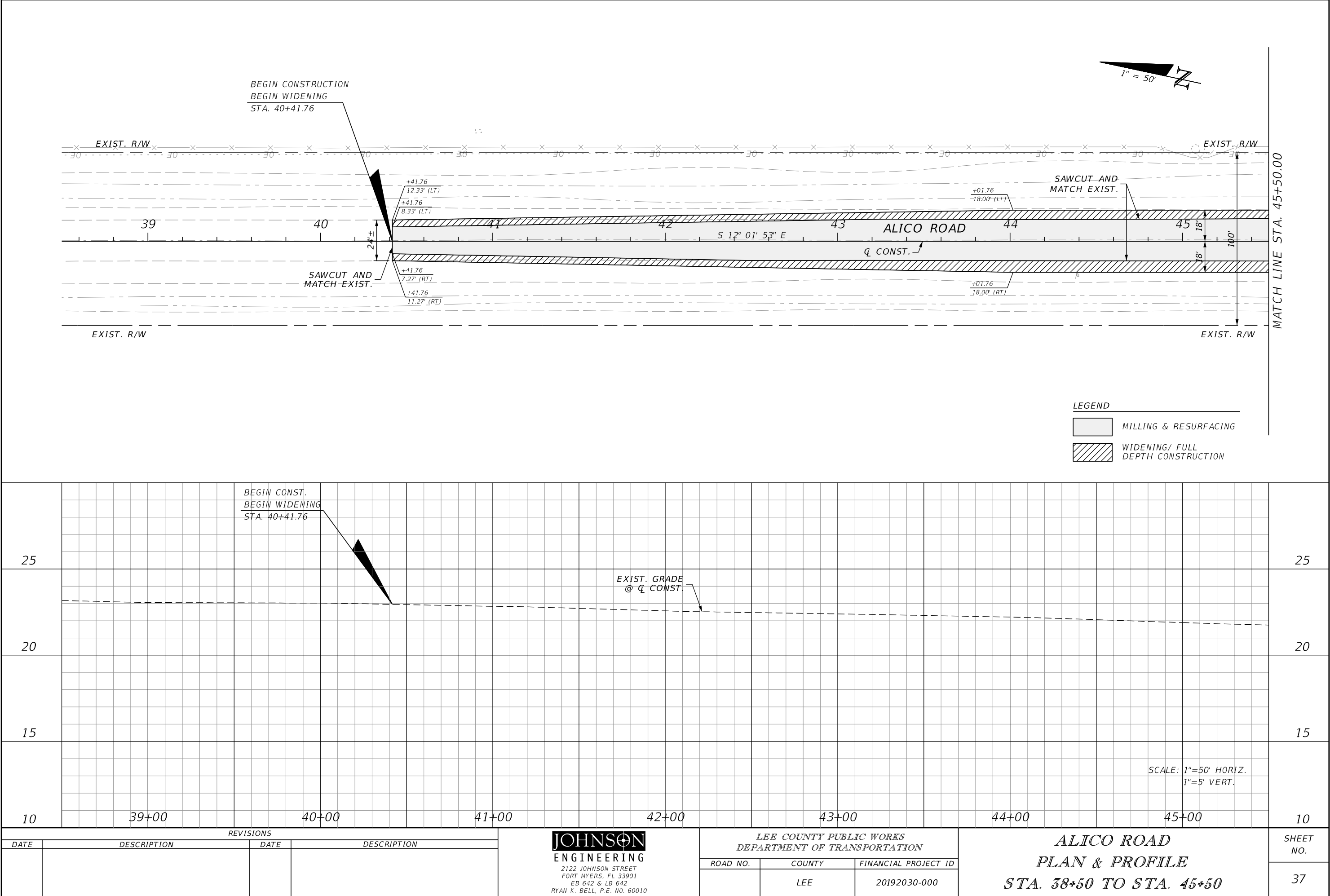
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 869+50 TO STA. 876+50

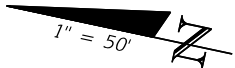
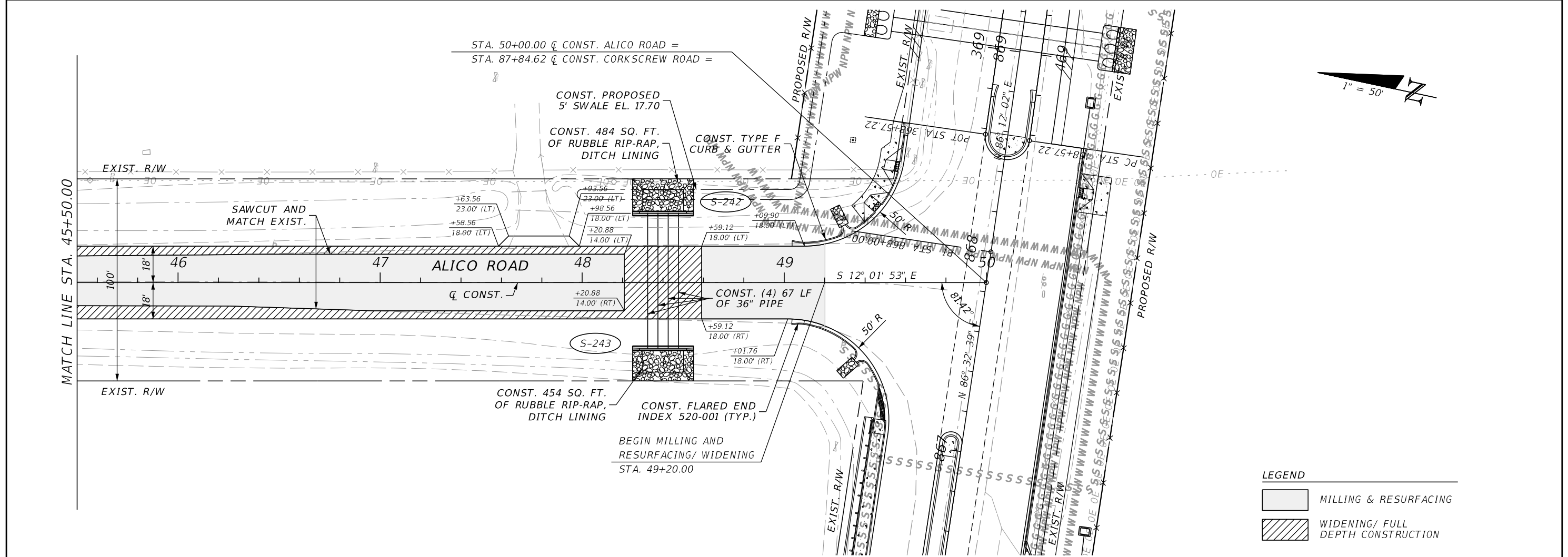
SHEET
NO.

36

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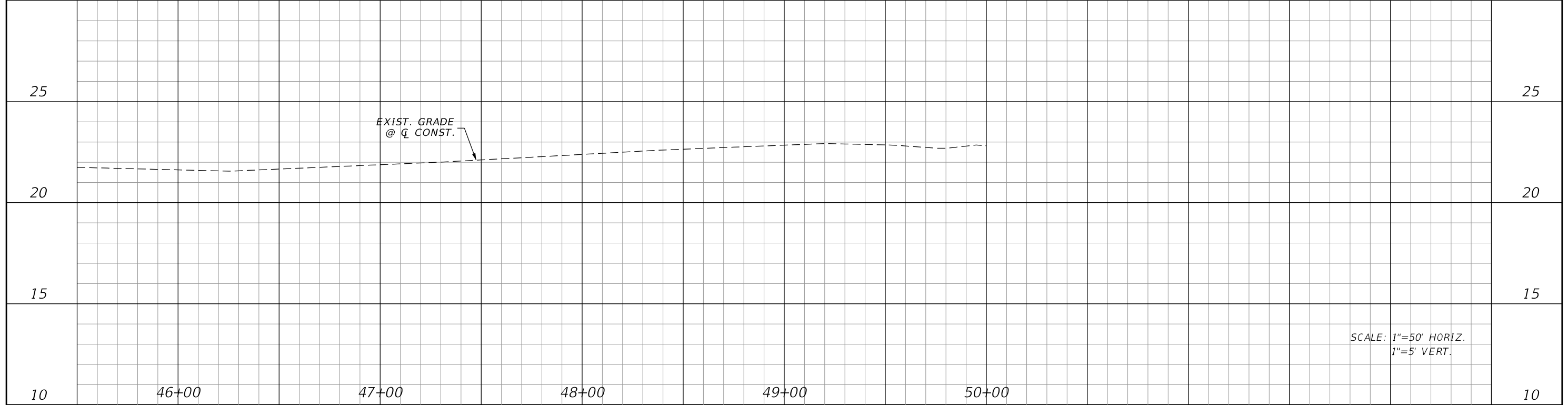


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LEGEND

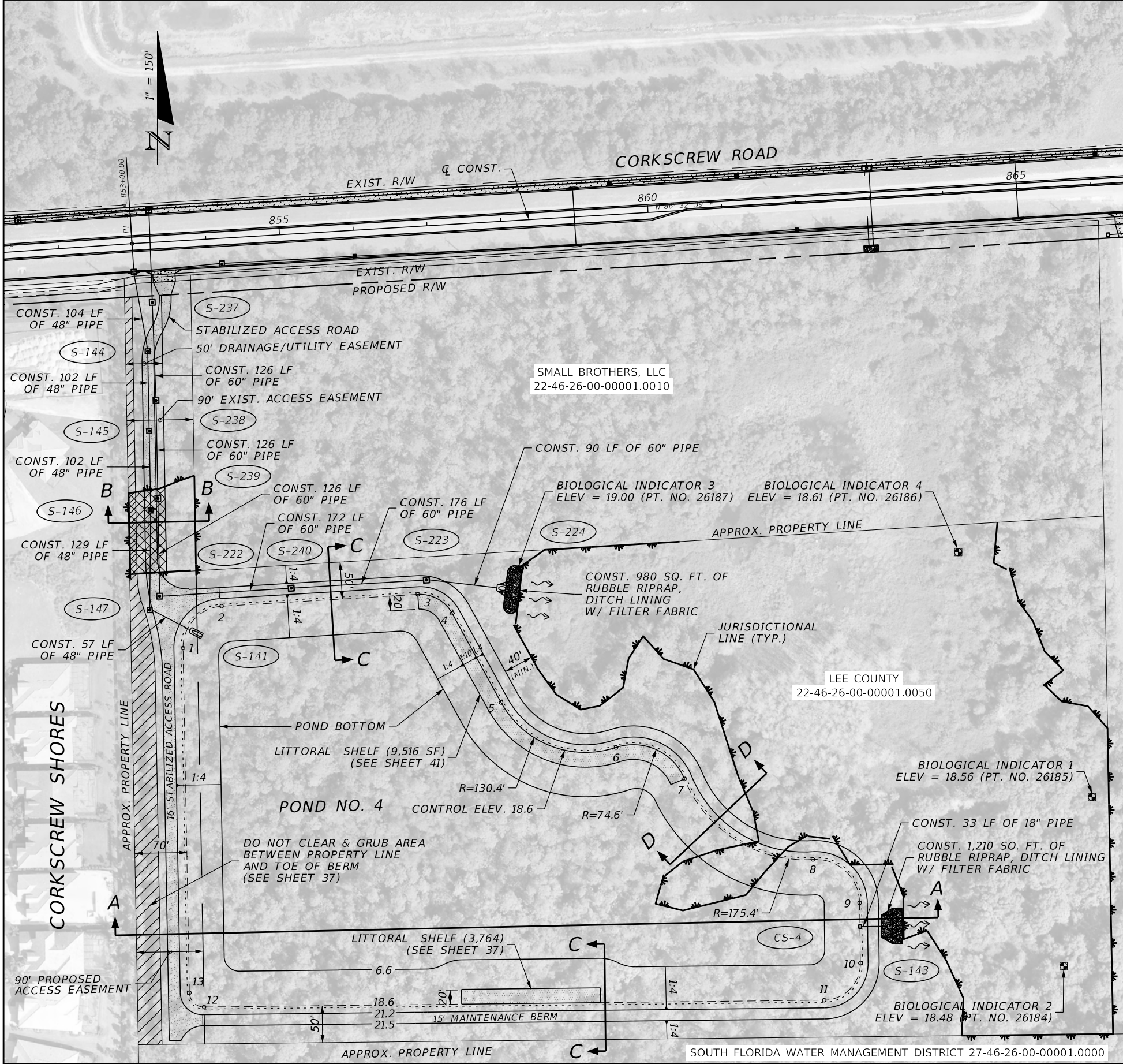
	MILLING & RESURFACING
	WIDENING/ FULL DEPTH CONSTRUCTION



SCALE: 1"=50' HORIZ.
1"=5' VERT.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		ALICO ROAD PLAN & PROFILE STA. 45+50 TO STA. 50+00		SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY			
						LEE			

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S-141

STA. 853+57.11 (579.65' RT)
MES 48" (1:4)
INDEX 430-021
INVERT 13.00

S-147

STA. 852+78.78 (468.57' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 22.40 (RIM)
FL 13.30 AH
FL 13.30 BK

CS-4

STA. 826+23.49 (981.45' RT)
DBI, TYPE C (MOD.)
INDEX 425-052
ELEV. 21.00 (RIM)
FL 16.50 AH

S-144

STA. 853+12.36 (146.58' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.50 (RIM)
FL 14.20 AH
FL 14.20 BK

S-222

STA. 853+08.50 (478.30' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.45 (RIM)
FL 12.50 BK
FL 12.50 RT

S-237

STA. 853+22.53 (80.99' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.50 (RIM)
FL 12.60 AH
FL 12.60 BK

S-145

STA. 853+07.86 (254.18' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.50 (RIM)
FL 13.90 AH
FL 13.90 BK

S-223

STA. 856+70.47 (478.30' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.45 (RIM)
FL 12.30 AH
FL 12.30 BK

S-238

STA. 853+19.57 (213.57' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.40 (RIM)
FL 12.60 AH
FL 12.60 BK

S-146

STA. 853+03.36 (361.80' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.50 (RIM)
FL 13.60 AH
FL 13.60 BK

S-224

STA. 857+76.71 (496.55' RT)
MES 60" (1:4)
INDEX 430-021
INVERT 12.20

S-239

STA. 853+14.03 (346.04' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.40 (RIM)
FL 12.60 AH
FL 12.60 BK

S-143

STA. 862+74.34 (983.96' RT)
18" MES (1:2)
INDEX 430-021
INVERT 16.30

S-240

STA. 852+73.47 (576.15' RT)
MH TYPE J-8
INDEX 425-001
ELEV. 21.45 (RIM)
FL 12.40 AH
FL 12.40 BK

POND NO. 4 DETAILS

CONTROL ELEV = 18.6 FT NGVD
AREA AT CONTROL = 8.4 AC
WATER QUALITY ELEV = 19.3 FT NGVD
AREA AT WATER QUALITY ELEV = 8.5 AC
WATER QUALITY VOLUME REQUIRED = 4.2 AC-FT
WATER QUALITY VOLUME PROVIDED = 5.8 AC-FT
25 YEAR 3 DAY PEAK STAGE = 21.0 FT NGVD
25 YEAR 3 DAY PEAK DISCHARGE = 2.55 CFS
TOP OF BANK ELEV = 21.5 FT NGVD

POND CONTROL POINTS

POINT	COORDINATES	
	NORTH	EAST
1	769848.28	751670.02
2	769904.90	751722.34
3	769920.94	751988.04
4	769895.32	752034.50
5	769774.70	752100.77
6	769713.81	752256.39
7	769671.21	752349.11
8	769562.36	752522.83
9	769503.66	752586.26
10	769422.10	752587.32
11	769371.86	752538.26
12	769362.65	751698.60
13	769382.02	751678.65

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

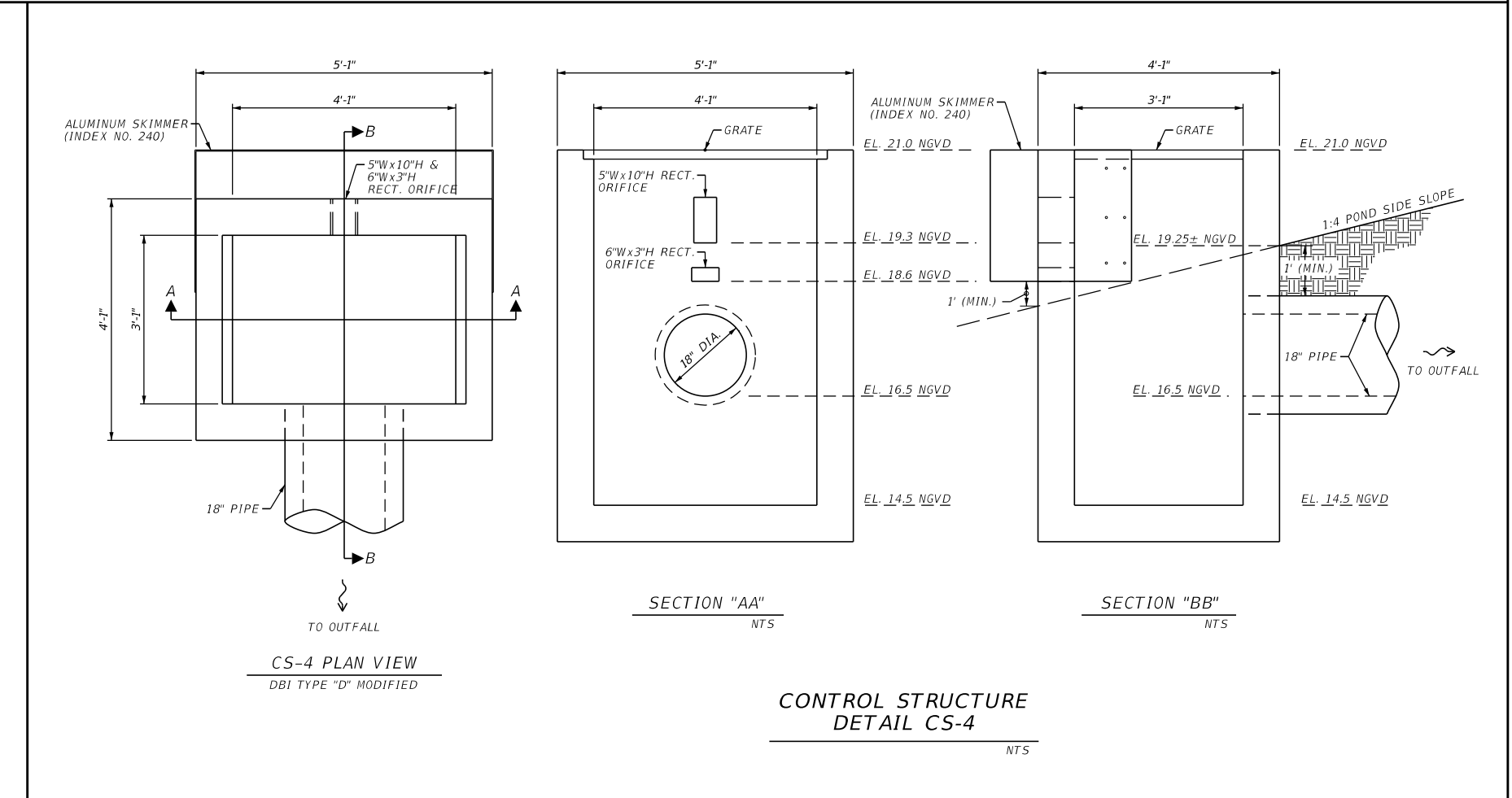
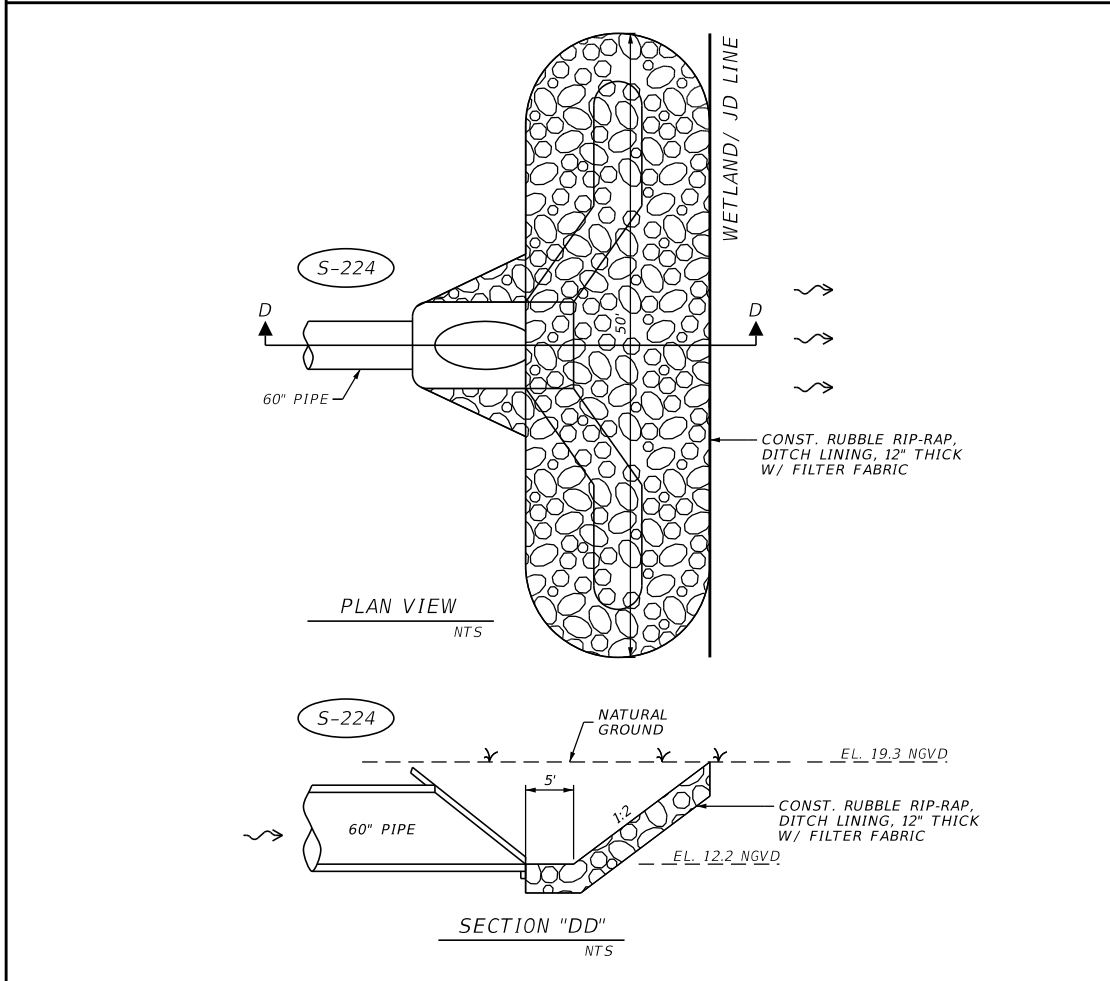
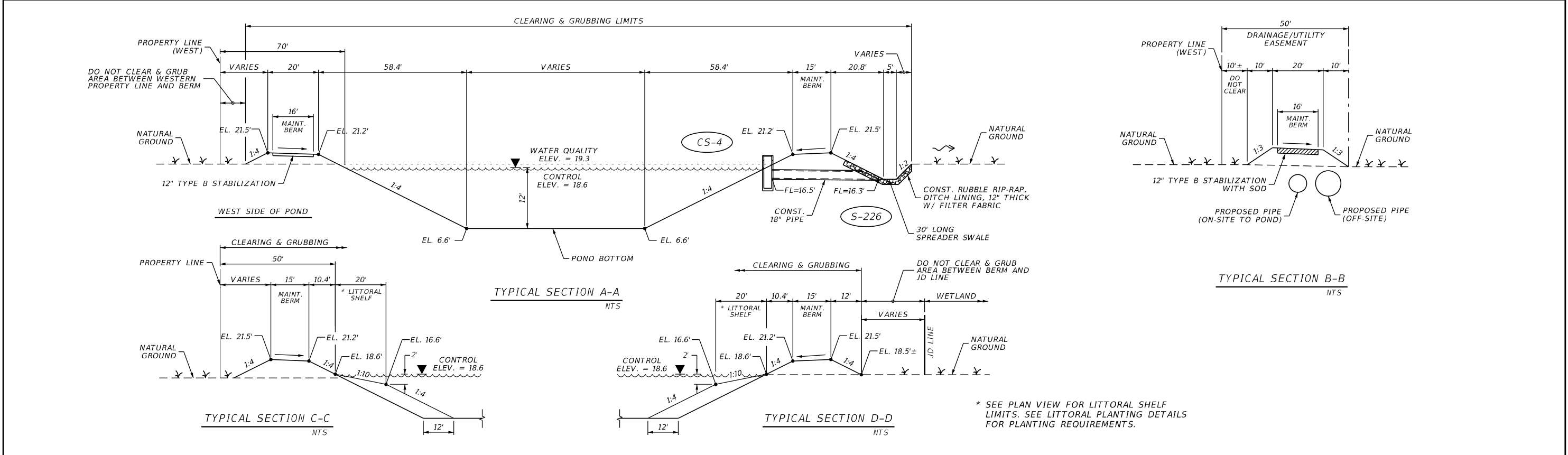
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CORKSCREW PHASE II
POND NO. 4 DETAIL

SHEET
NO.

39

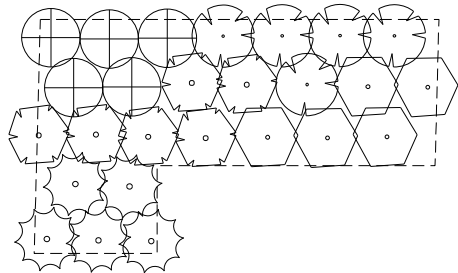


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			CORKSCREW ROAD PHASE II POND NO. 4 DETAILS	SHEET NO. 40
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

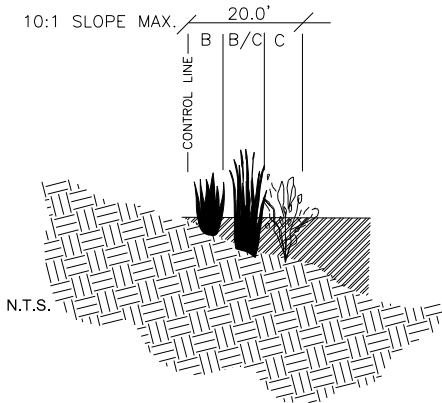
ACCEPTABLE LITTORAL ZONE PLANT LIST

COMMON NAME	SCIENTIFIC NAME	SIZE/HEIGHT	ZONE
CORD GRASS	Spartina bakeri	2" LINERS / 12"	B, B/C
SOFT-STEM BULRUSH	Scirpus validus	2" LINERS / 12"	B
MUHLY GRASS	Muhlenbergia capillaris	2" LINERS / 12"	B, B/C
SOFT RUSH	Juncus effusus	2" LINERS / 12"	C
BLUE FLAG IRIS	Iris virginicus	2" LINERS / 12"	B
GOLDEN CANNA	Canna flacida	2" LINERS / 12"	B
SAW GRASS	Cladium jamaicense	2" LINERS / 12"	C
ARROWHEAD	Sagittaria lancifolia	2" LINERS / 12"	B/C
LIZARD'S TAIL	Saururus cernuus	2" LINERS / 12"	B,C
PICKEREL WEED	Pontedaria cordata	2" LINERS / 12"	B,C
SPIKE RUSH	Eleocharis spp.	2" LINERS / 12"	C
FRAGRANT WATER LILY	Nymphaea odorata	1 GALLON POT	C

CONTRACTOR TO PLANT LITTORAL SHELF WITH SPECIES AND QUANTITIES CONSISTENT WITH PROVIDED PLANTS ABOVE. NO CONTINUOUS RUNS OF ANY ONE SPECIES THAT EXCEED MORE THAN 10 PLANTS IN A ROW WILL BE ACCEPTABLE. THE END RESULT IS EXPECTED TO BE MORE NATURAL AND LESS ENGINEERED IN APPEARANCE.



TYPICAL 100 S.F LITTORAL ZONE PLANTINGS



PLANTING ELEVATION

N.T.S.

ZONE B 0'-1' BELOW C.E

ZONE B/C 1'-1.5' BELOW C.E.

ZONE C 1.5'-2' BELOW C.E.

LITTORAL PLANTING REQUIREMENT (LEE COUNTY LDC SEC. 10-418)

TOTAL LAKE PERIMETER =2,657 L.F.

LITTORALS REQUIRED ((2,655 L.F. X .25) X (20)) /4 = 3,319 PLANTS
LITTORALS PROVIDED = 3,319 PLANTS

TYPICAL LITTORAL ZONE PLANTINGS

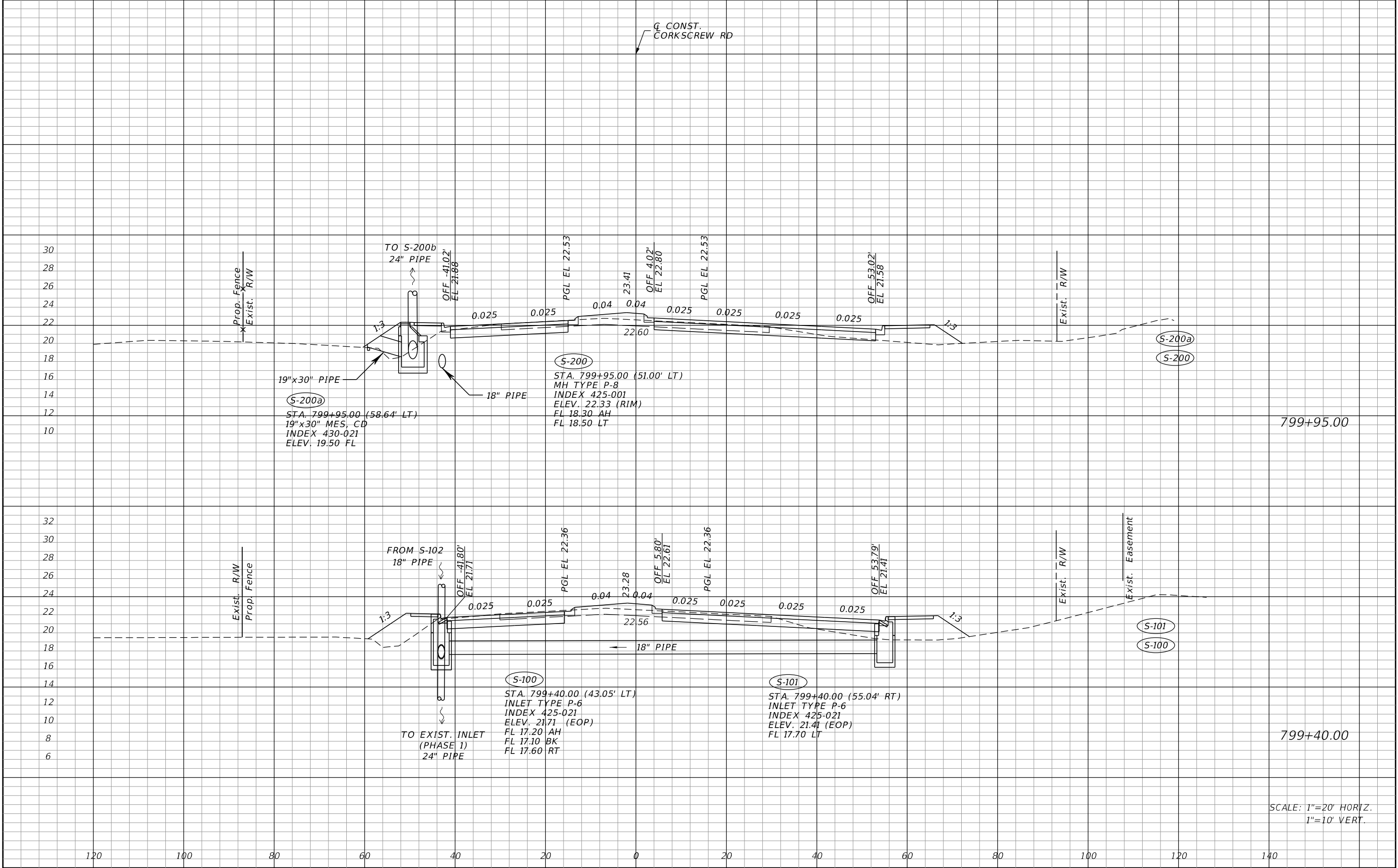
- NOTES:**
- 1) THE MINIMUM REQUIRED NUMBER OF NATIVE WETLAND HERBACEOUS PLANTS IS BASED ON A TWO FOOT SPACING OR 4 SQ.FT. PER PLANT IN A 20 FOOT WIDE LITTORAL SHELF, EXTENDING WATER-WARD OF THE CONTROL ELEVATION AT A DEPTH OF NO GREATER THAN TWO FEET BELOW THE CONTROL ELEVATION, WHICH LENGTH IN TOTAL IS EQUAL TO 25% OF THE LENGTH OF THE LAKE PERMITER. (LEE COUNTY ORDINANCE 10-418).
 - 2) AT LEAST FOUR DIFFERENT NATIVE SPECIES FROM TYPICAL LITTORAL PLAN SAMPLE PROVIDED MUST BE PLACED 2' O.C..
 - 3) MINIMUM REQUIRED HERBACEOUS PLANT SIZE IS A TWO-INCH CONTAINER, REFERRED TO AS A LINER.
 - 4) TYPICALS ARE TO ENSURE DESIGN INTENT ONLY
 - 5) FINAL PLANTING LOCATIONS TO BE DELINEATED BY LANDSCAPE ARCHITECT.
 - 6) USE A MINIMUM OF 3 PLANTING CONFIGURATIONS PER LAKE TO ENSURE PLANT DIVERSITY (SEE ABOVE TYPICALS FOR LITTORAL PLANTING EXAMPLES)

LITTORAL ZONE PLANTS

CONTRACTOR TO PLANT LITTORAL SHELF WITH SPECIES AND QUANTITIES CONSISTENT WITH PROVIDED 100 SQ.FT. LITTORAL PLANTING SAMPLE, TYP. 1, OR TYP. 2, OR TYP 3 AND TO USE ELEVATION ON DETAIL 6 TO DETERMINE WHICH PLANT TO USE AT WHICH ELEVATION ON SLOPE OF BANK.

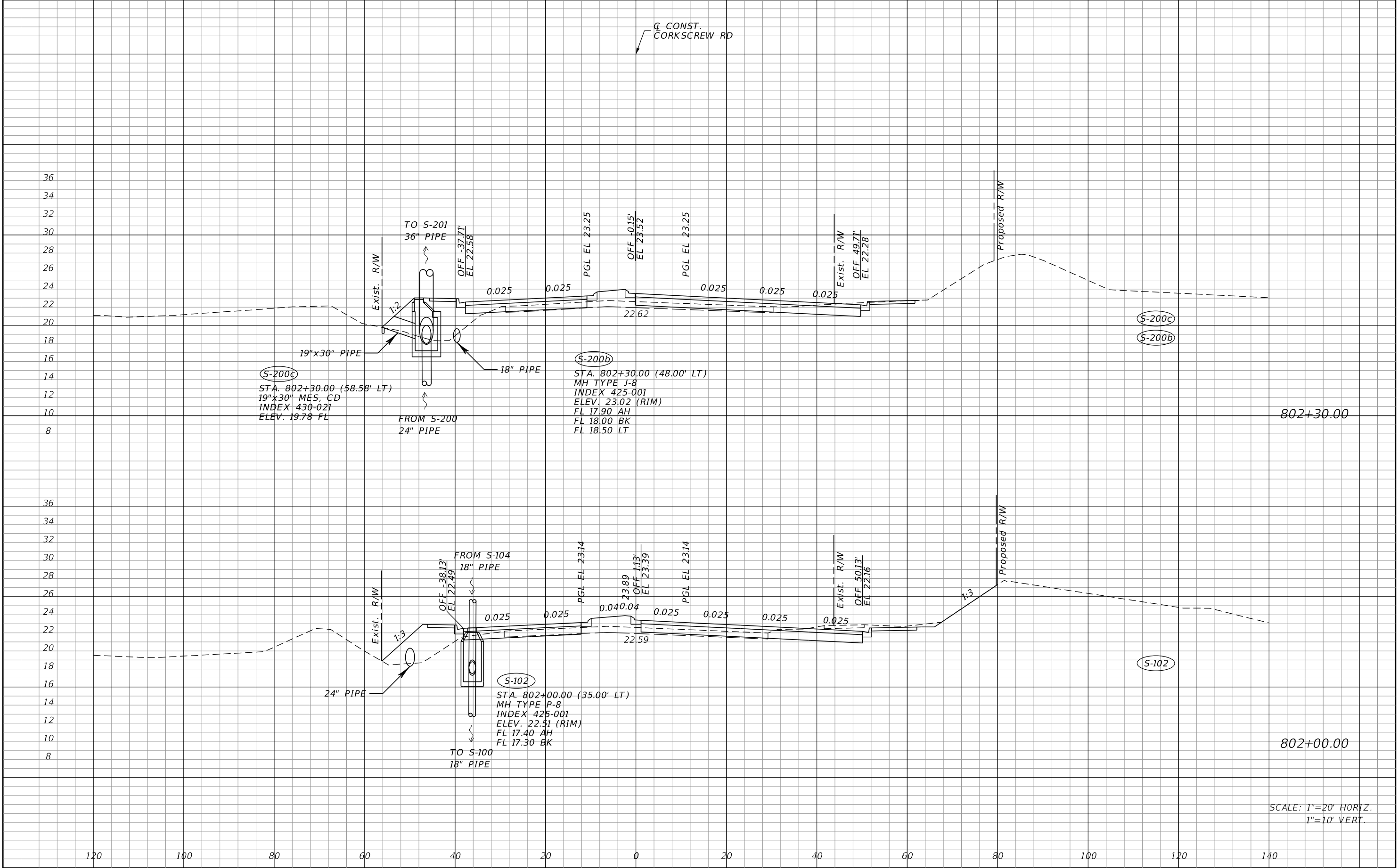
L.P.S.#1 LENGTH = 488LF
(488 LINEAR FT x20)/4)=2,440 PLANTS
AREA 1: 9,760 SQ. FT

L.P.S.#2 LENGTH =176 LF
(176 LINEAR FTx20)/4=880 PLANTS
AREA 2: 3520 SQ. FT



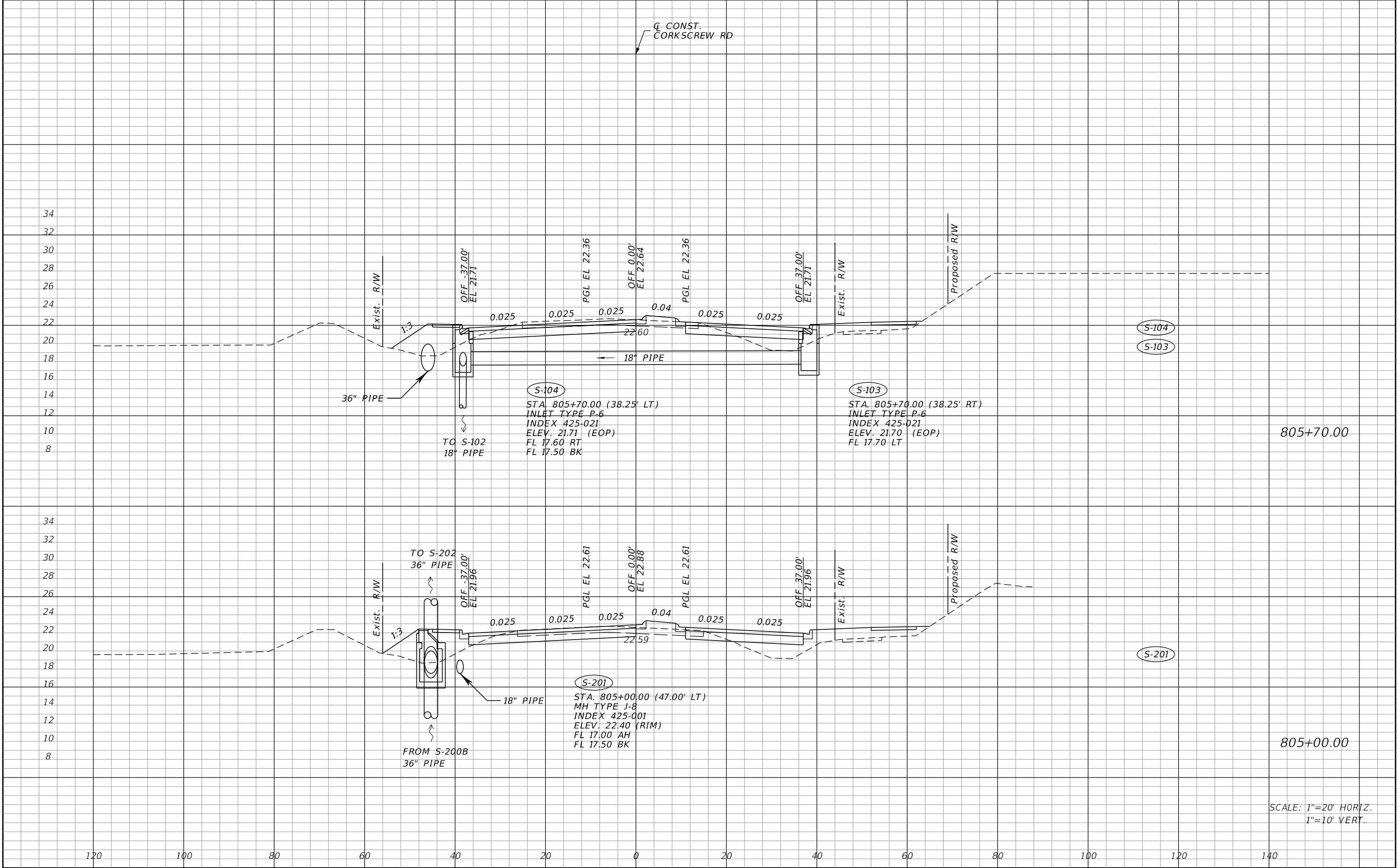
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		42

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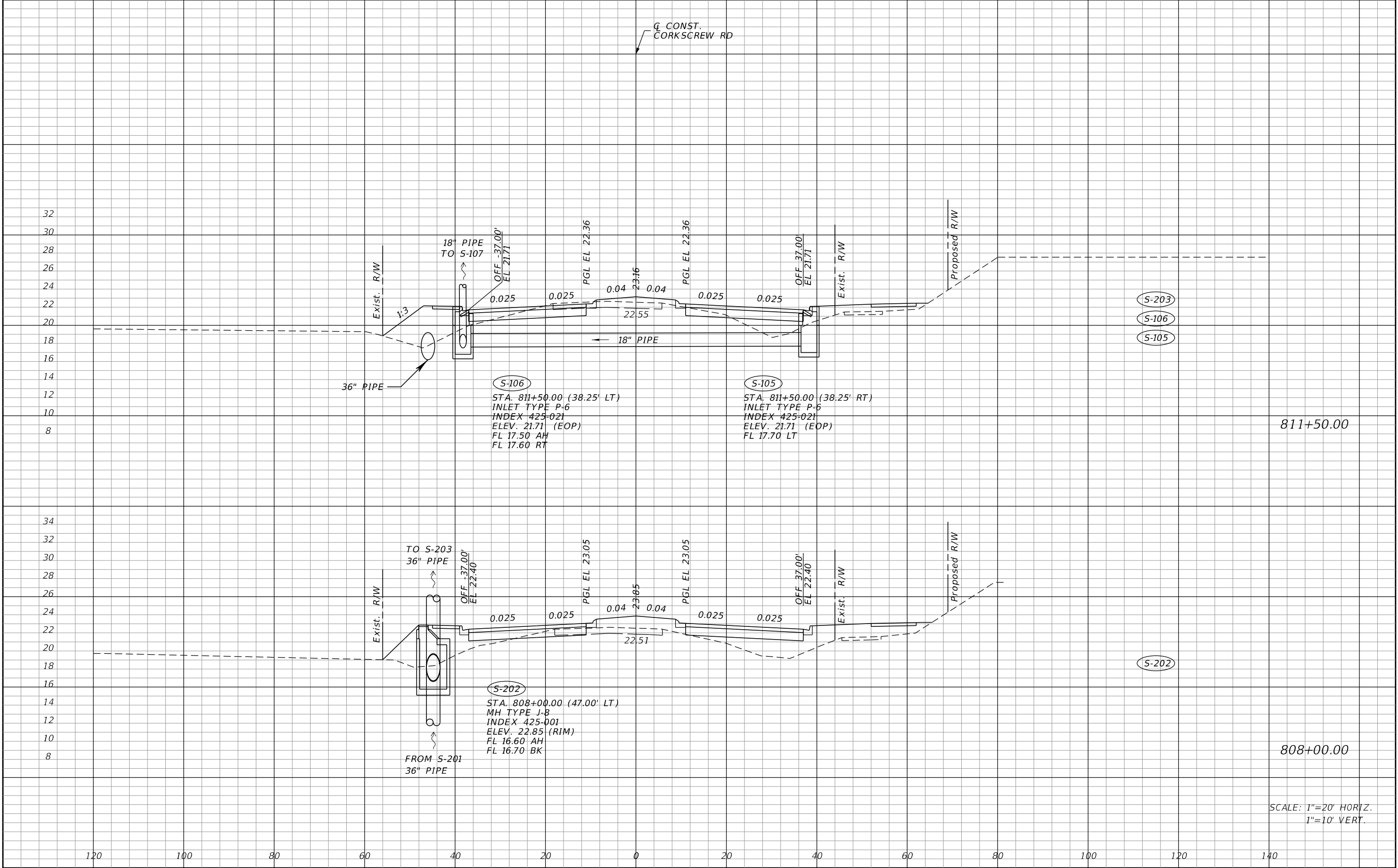
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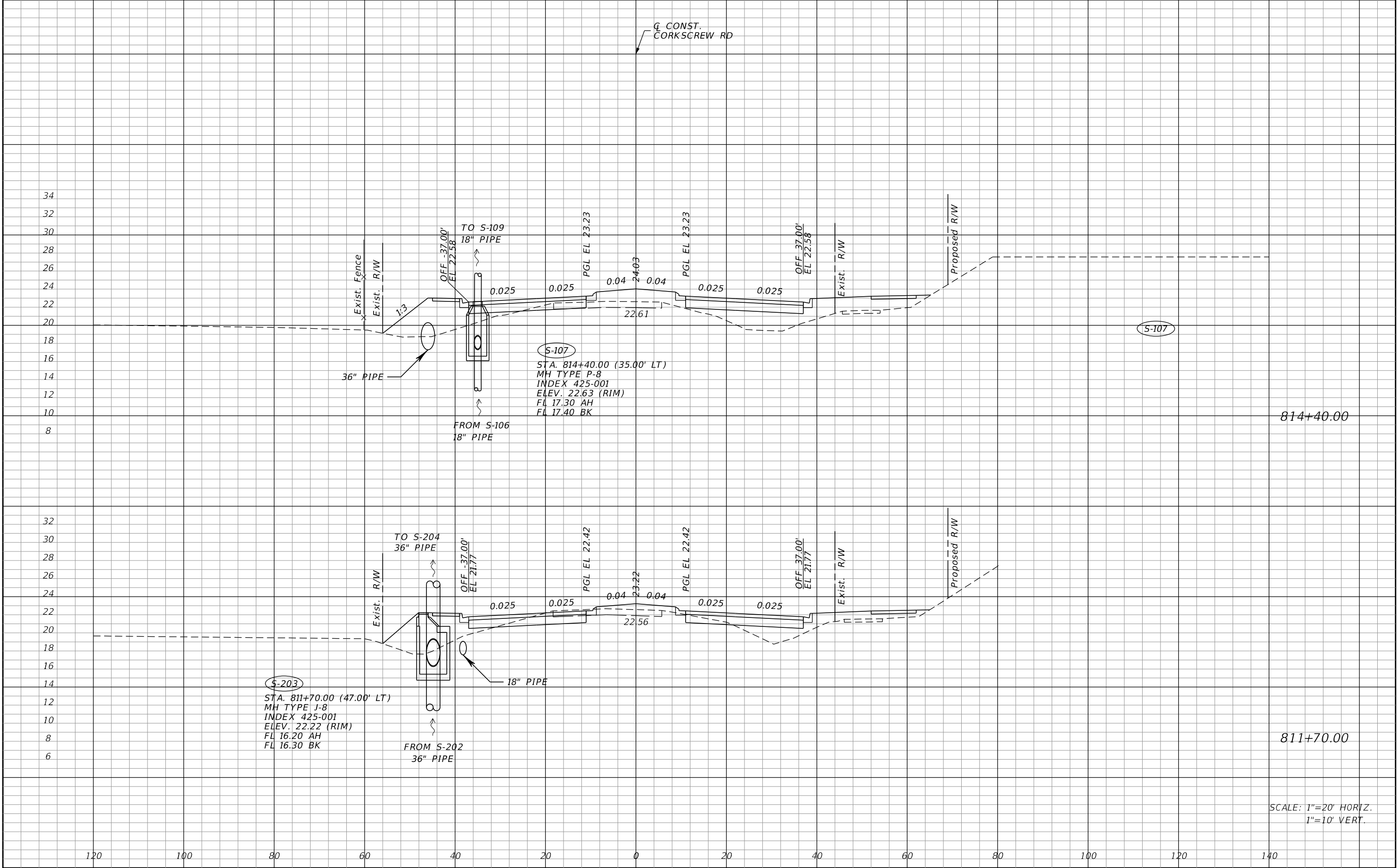
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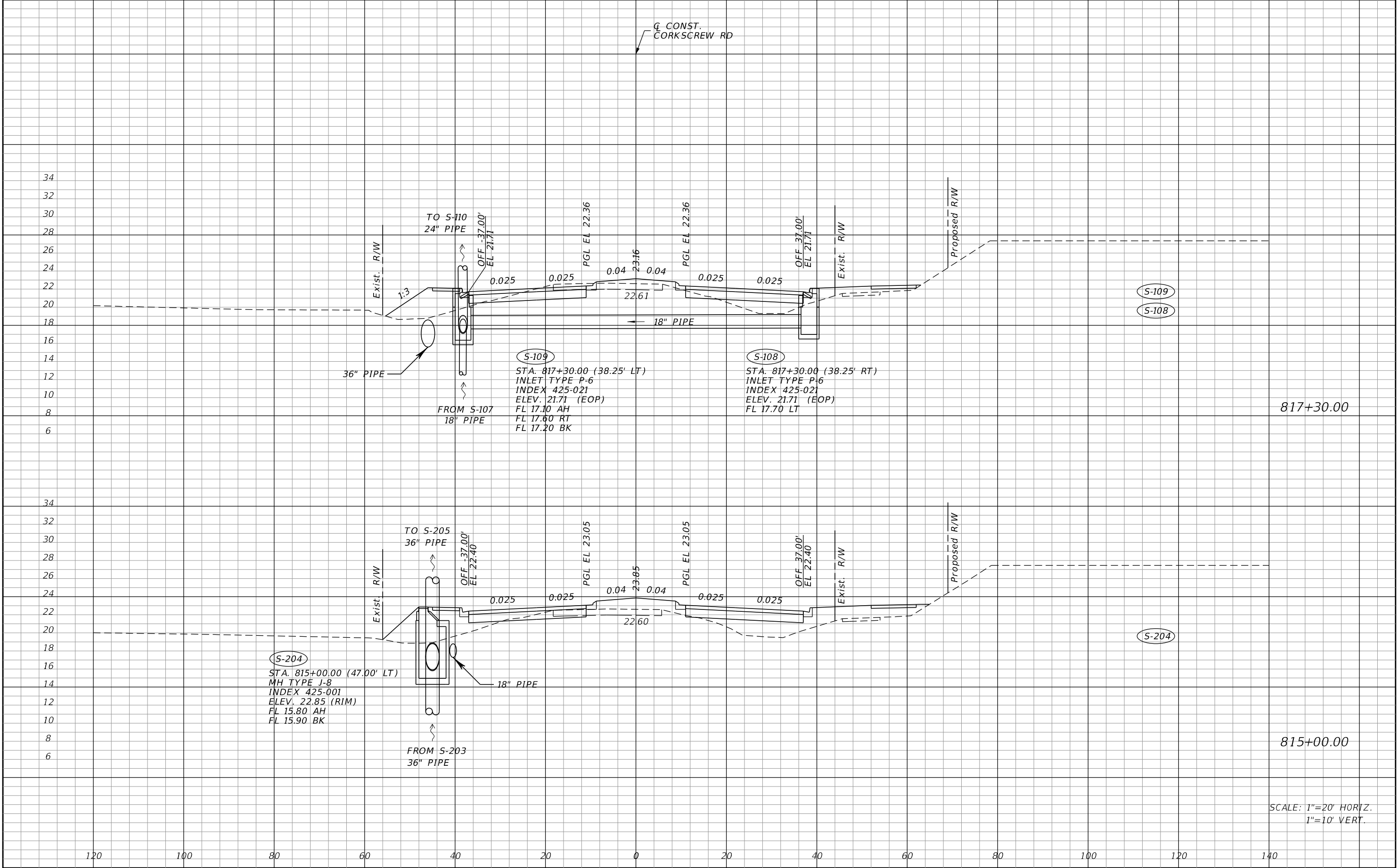
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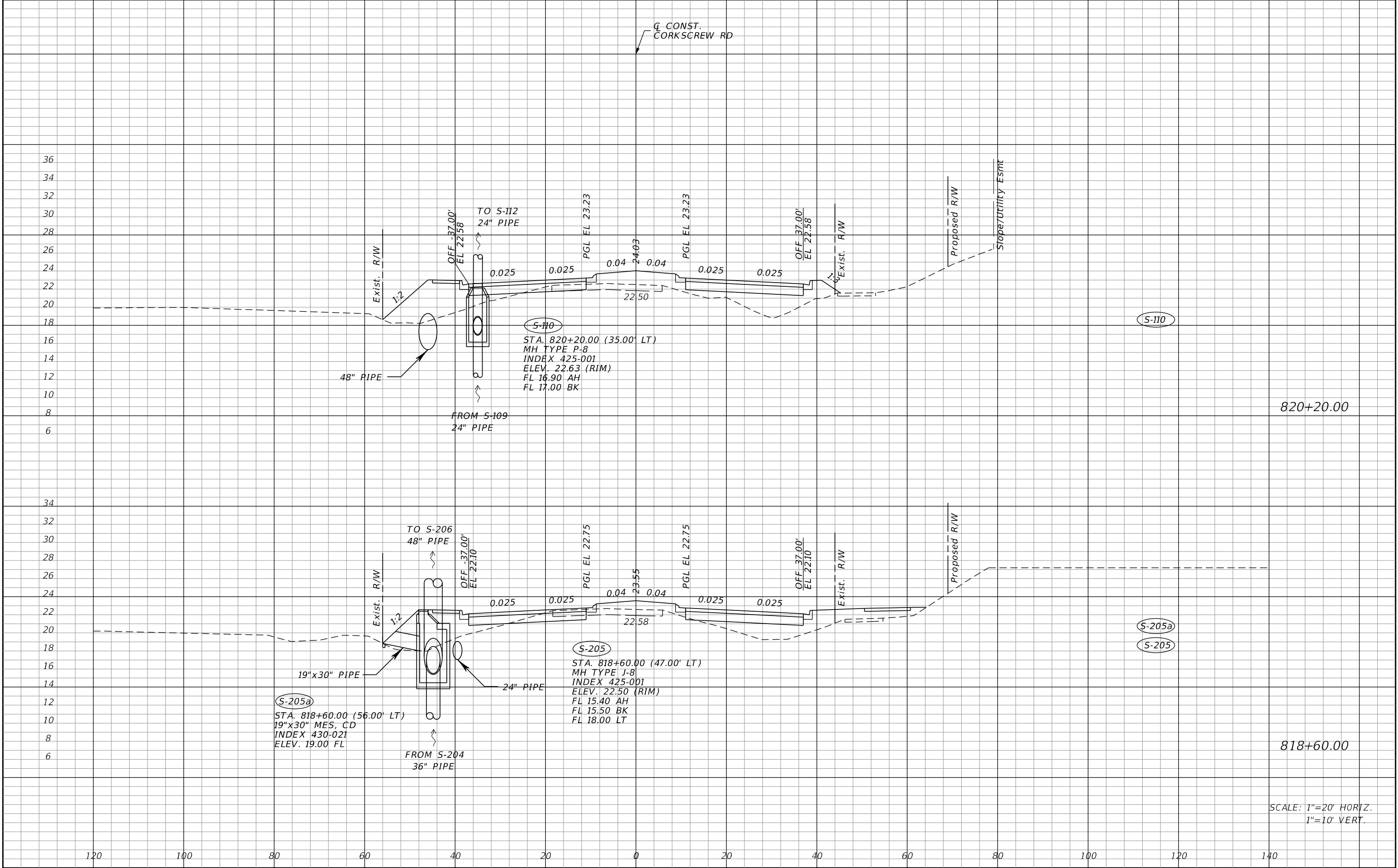
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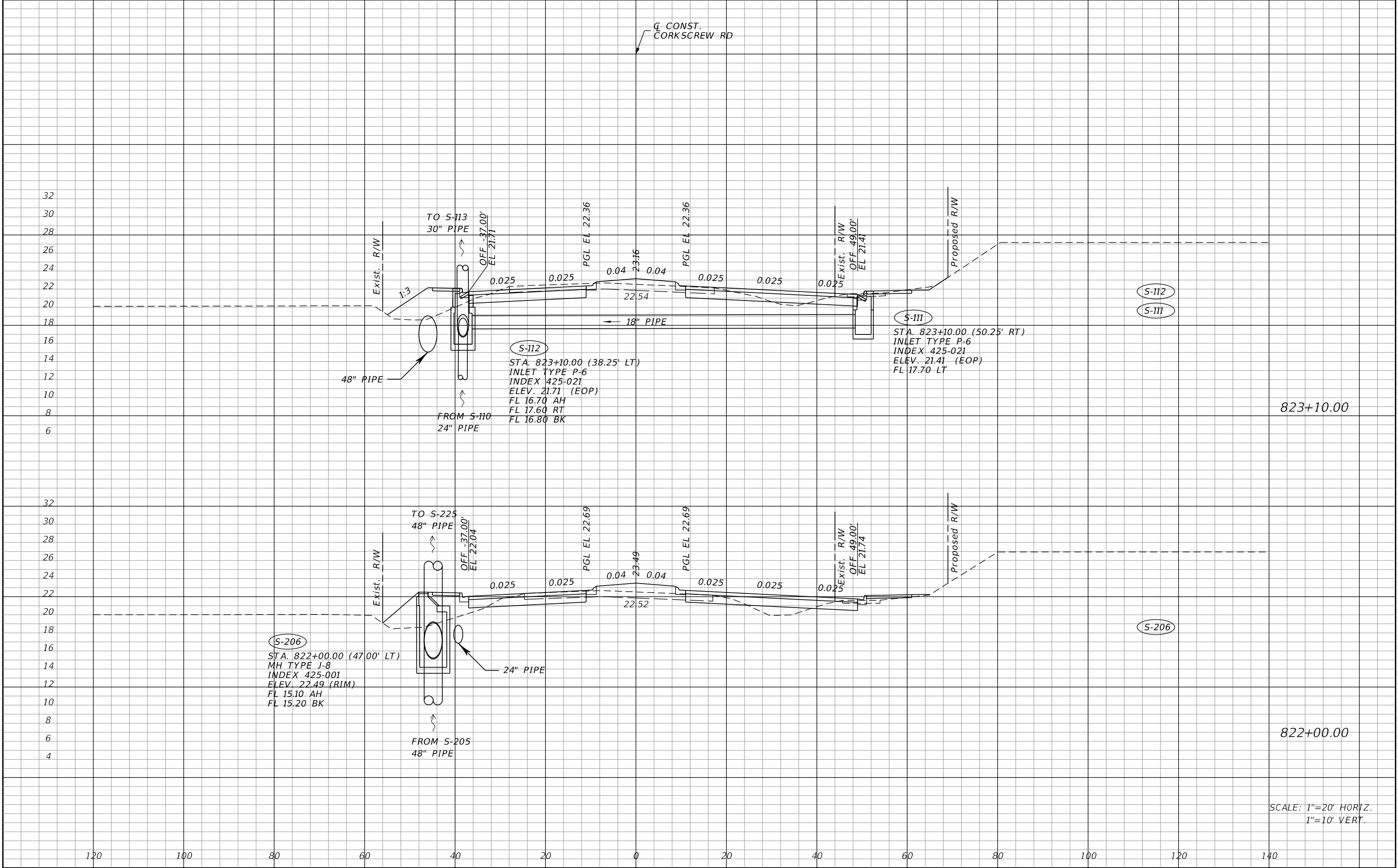
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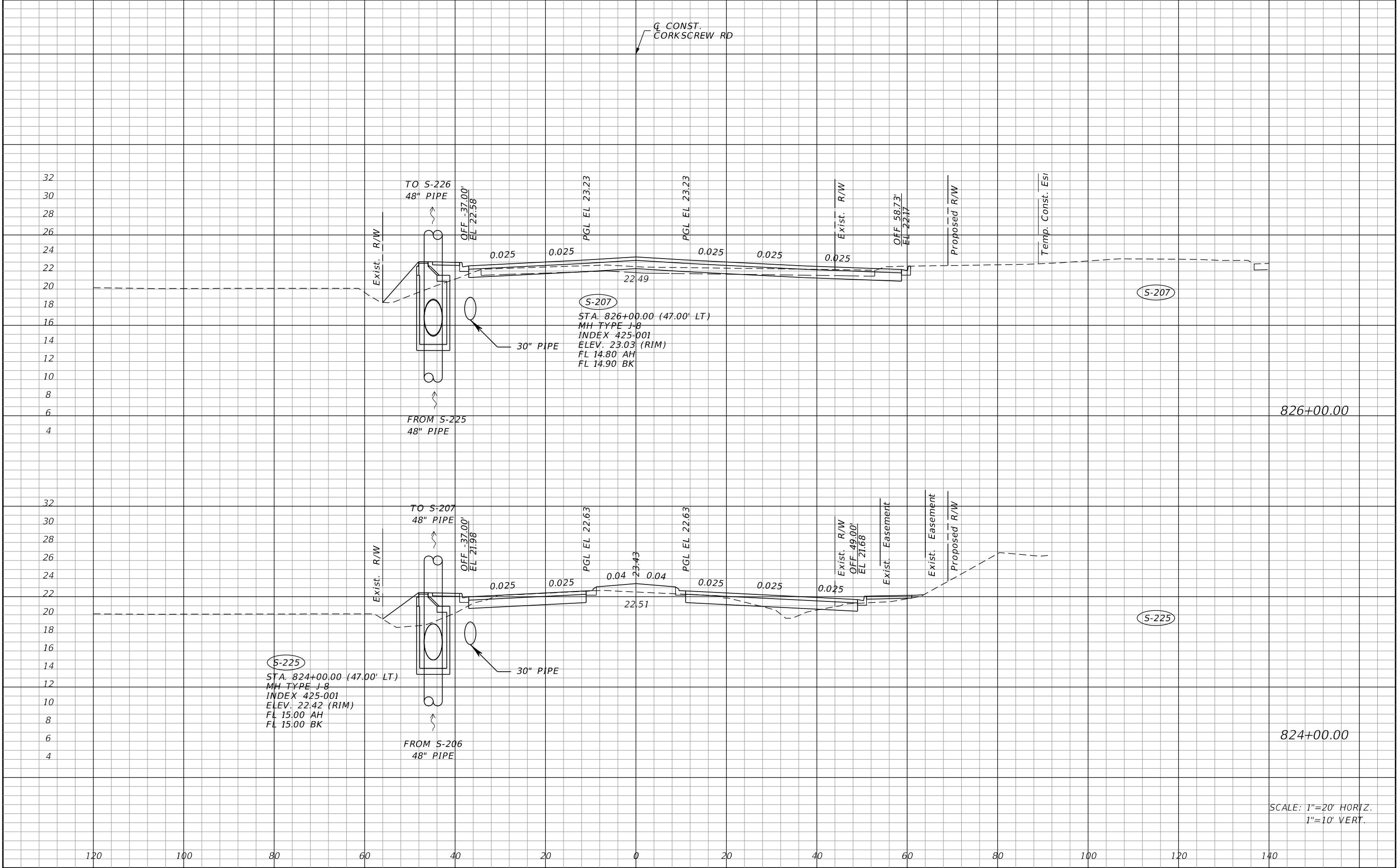
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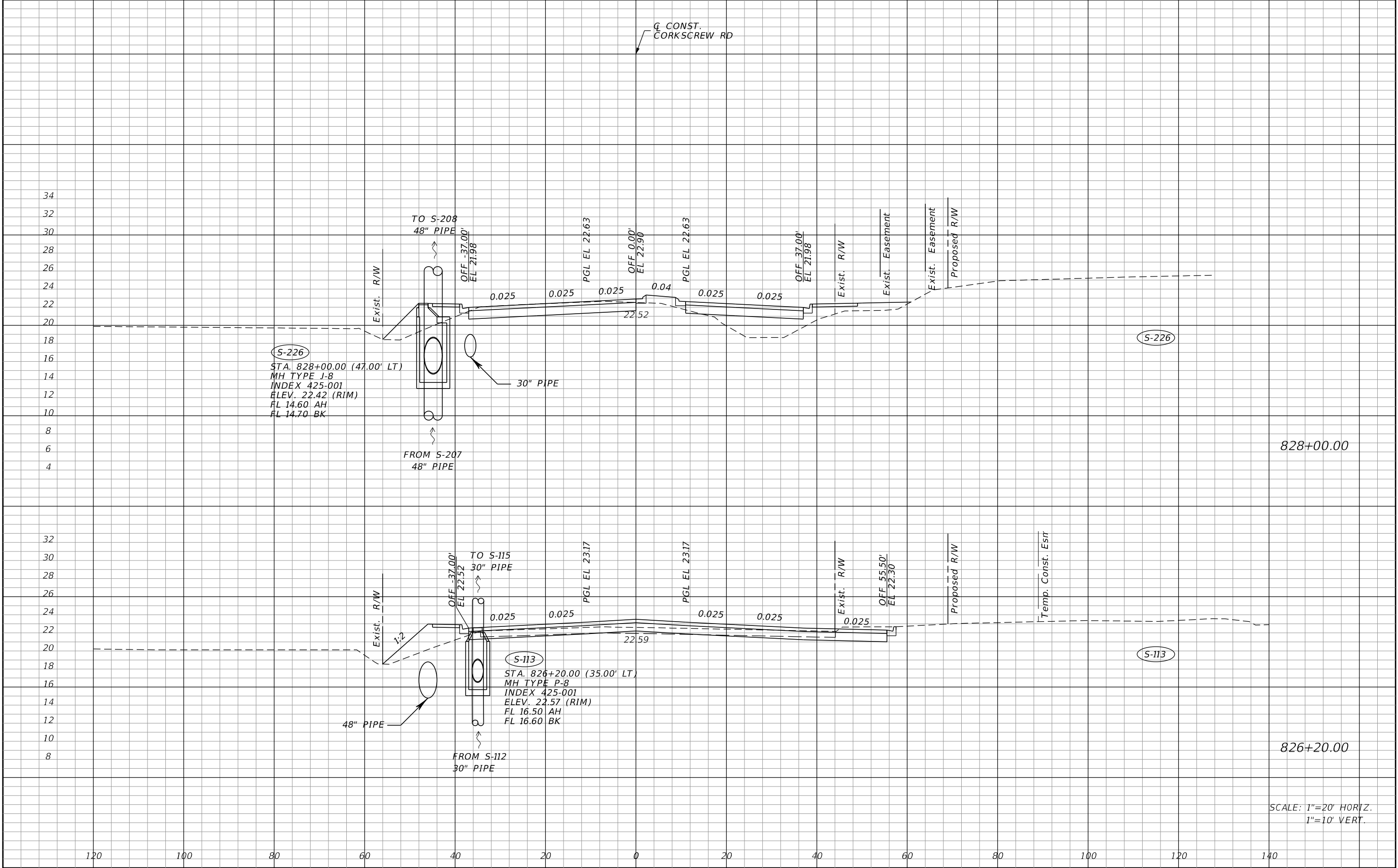
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SCALE: 1"=20' HORIZ.
1"=10' VERT.

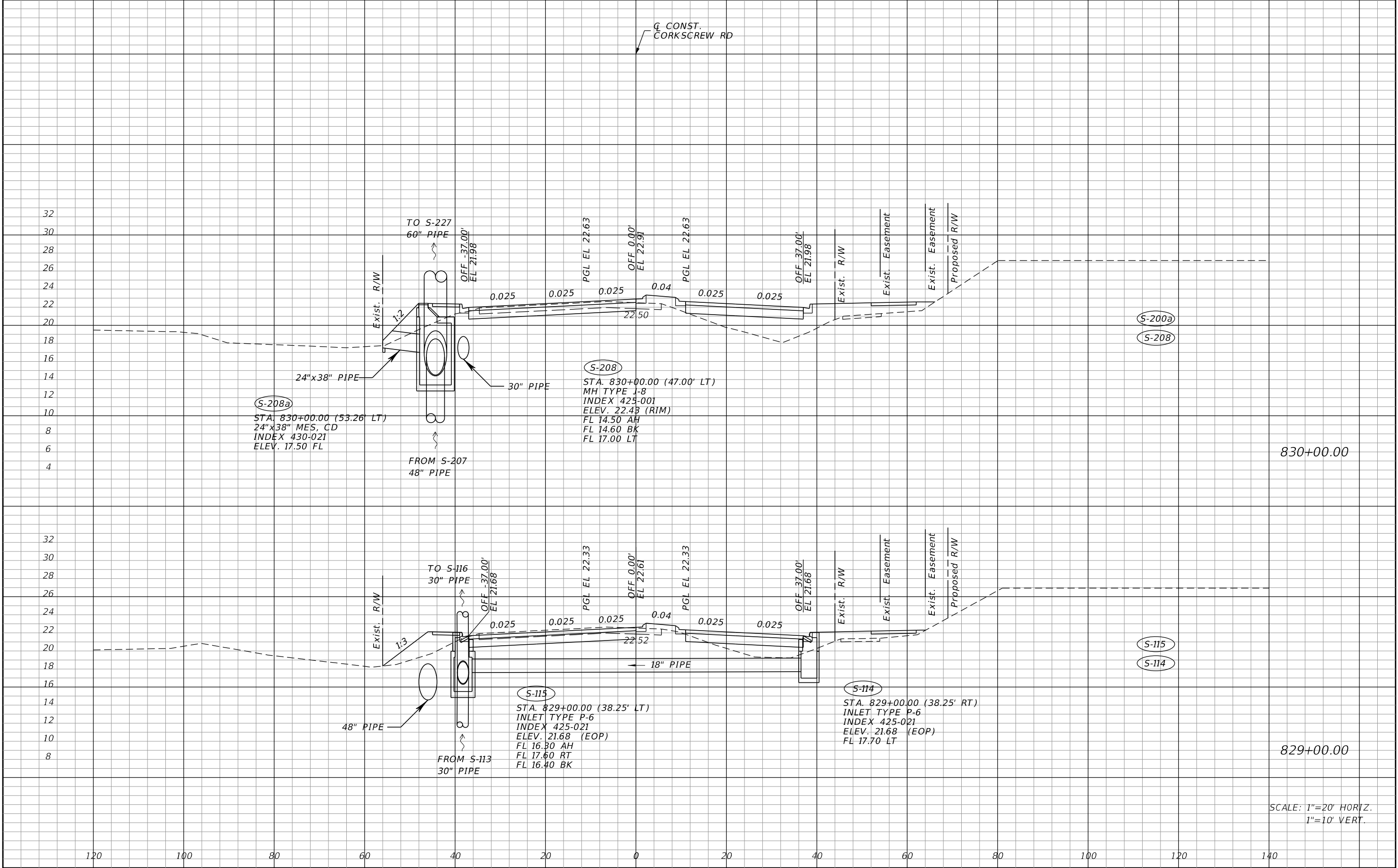
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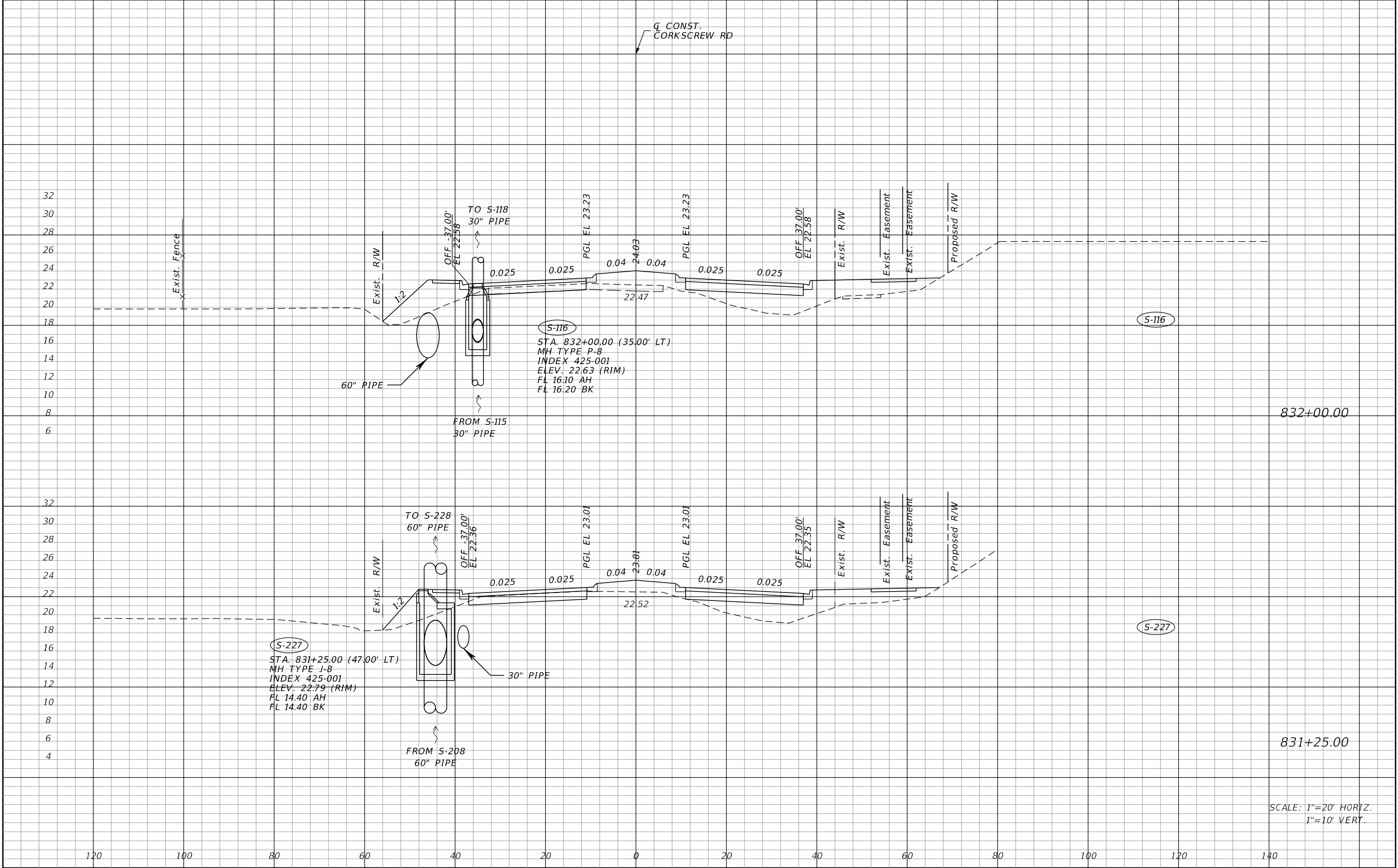
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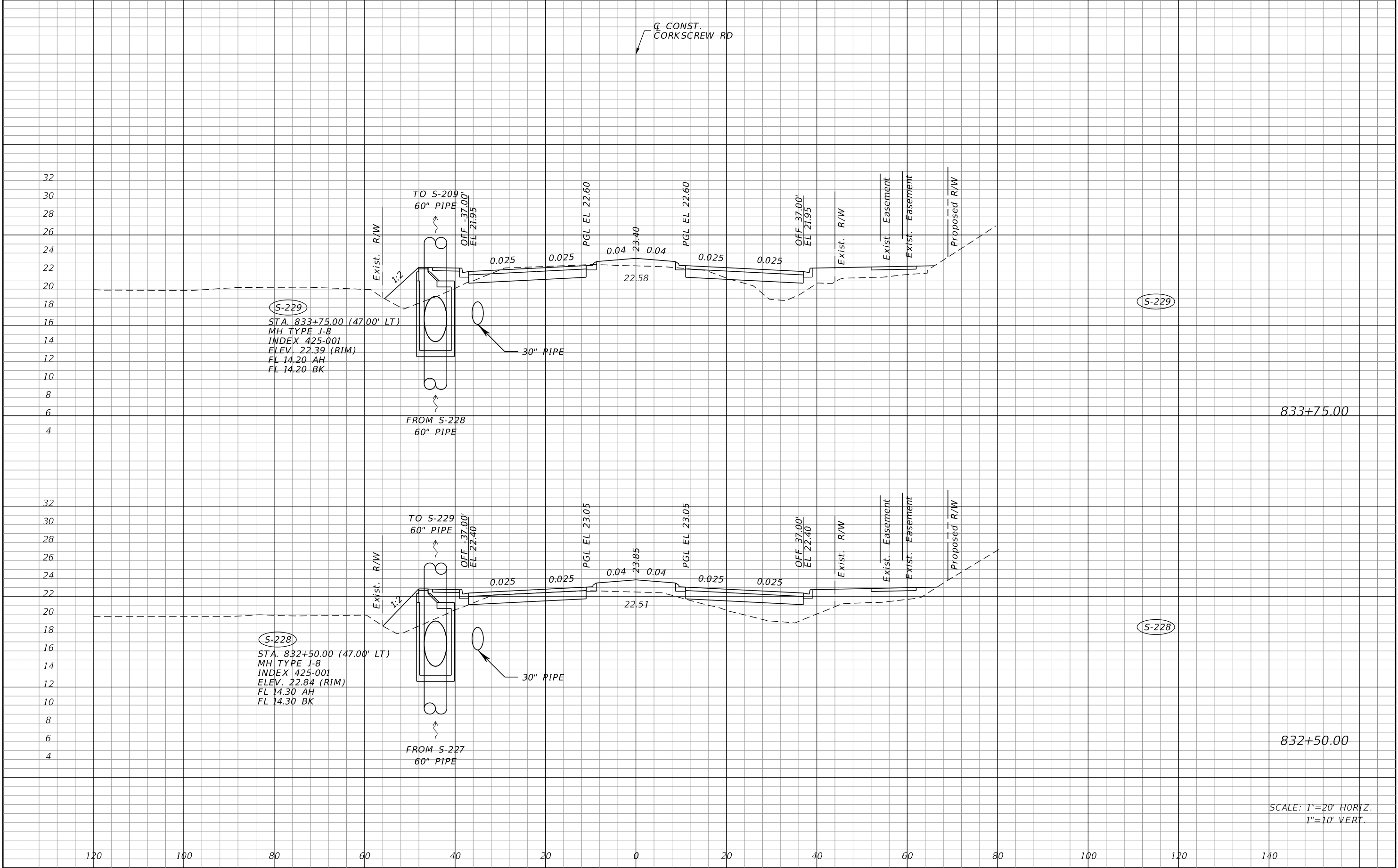
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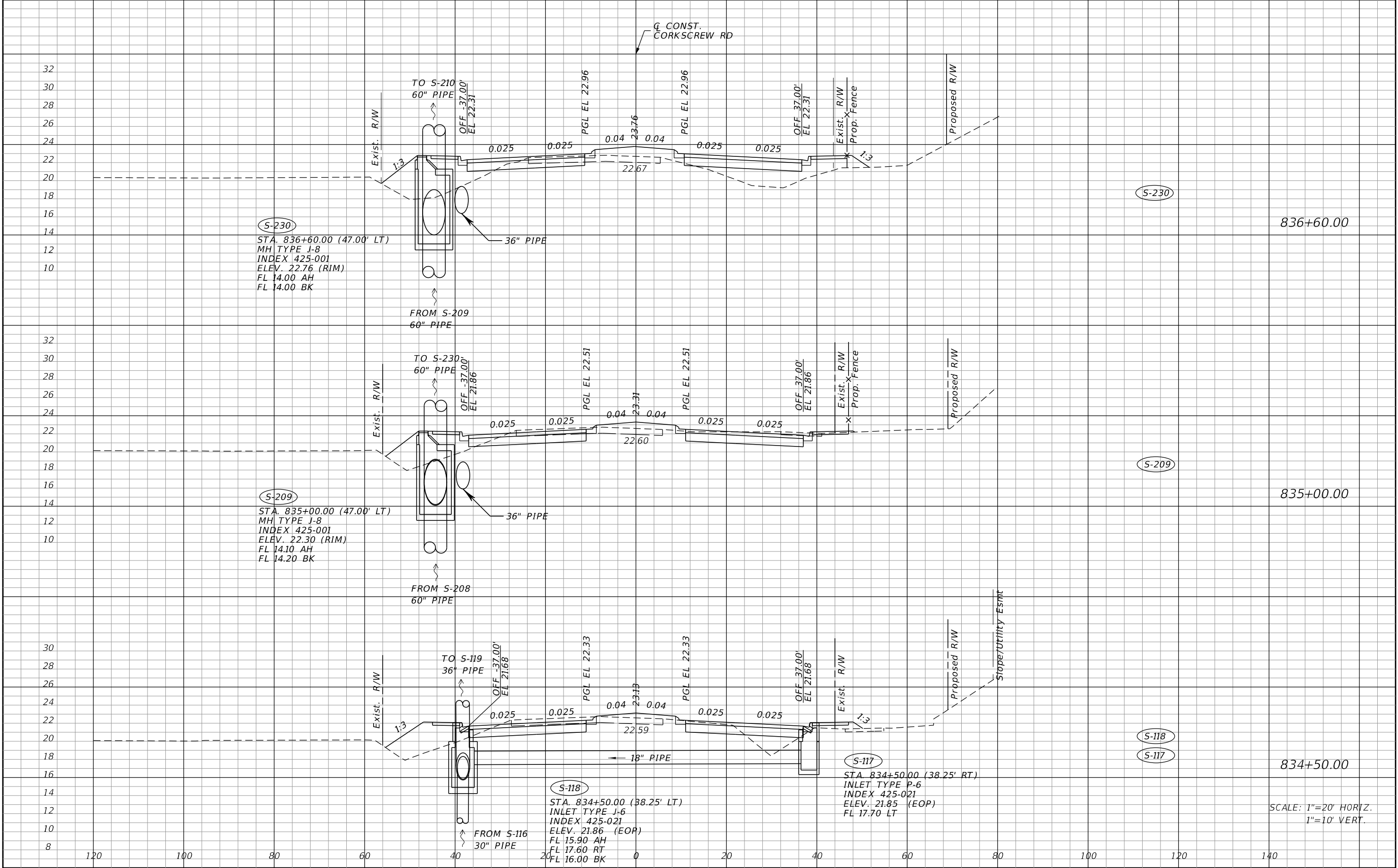
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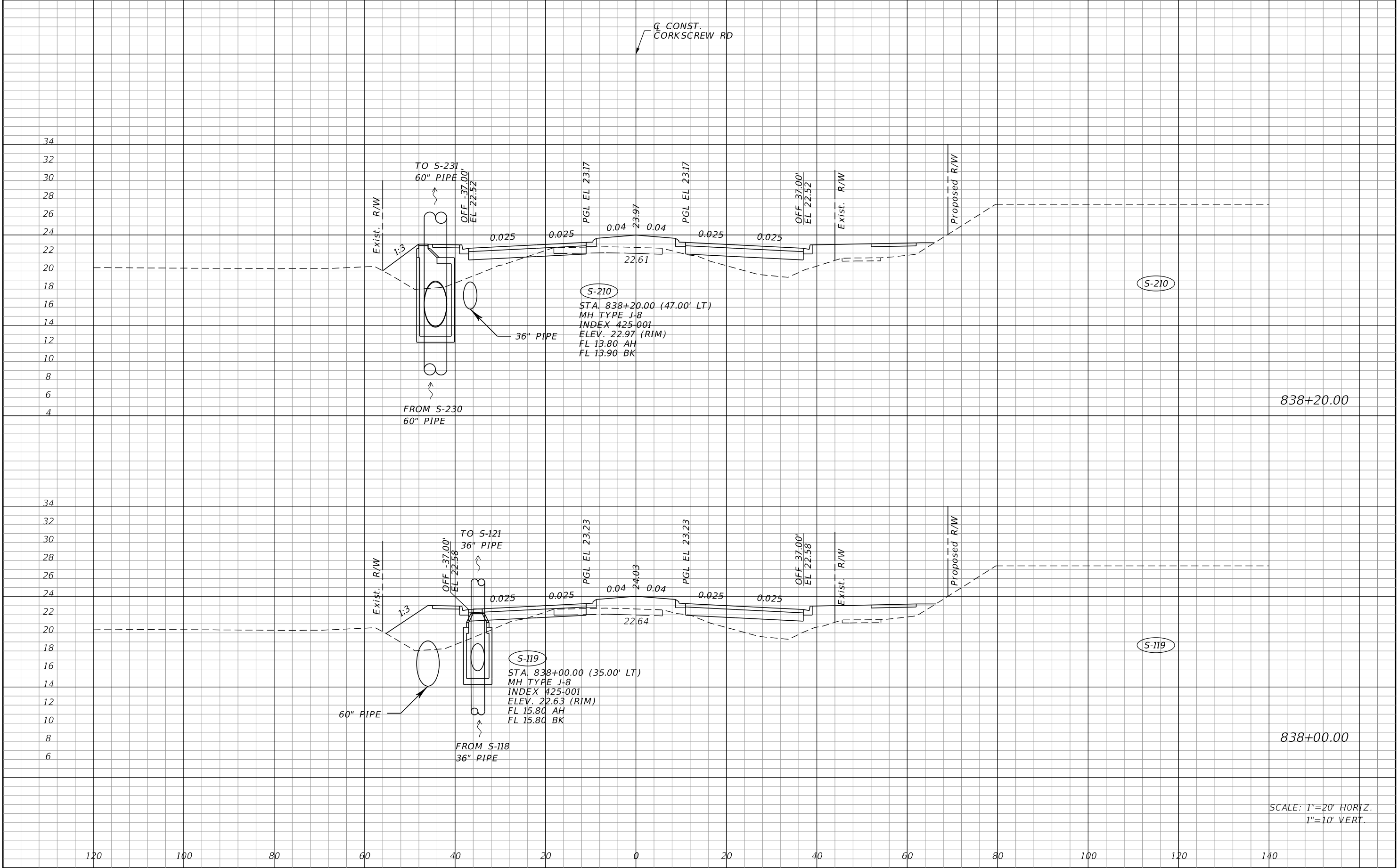
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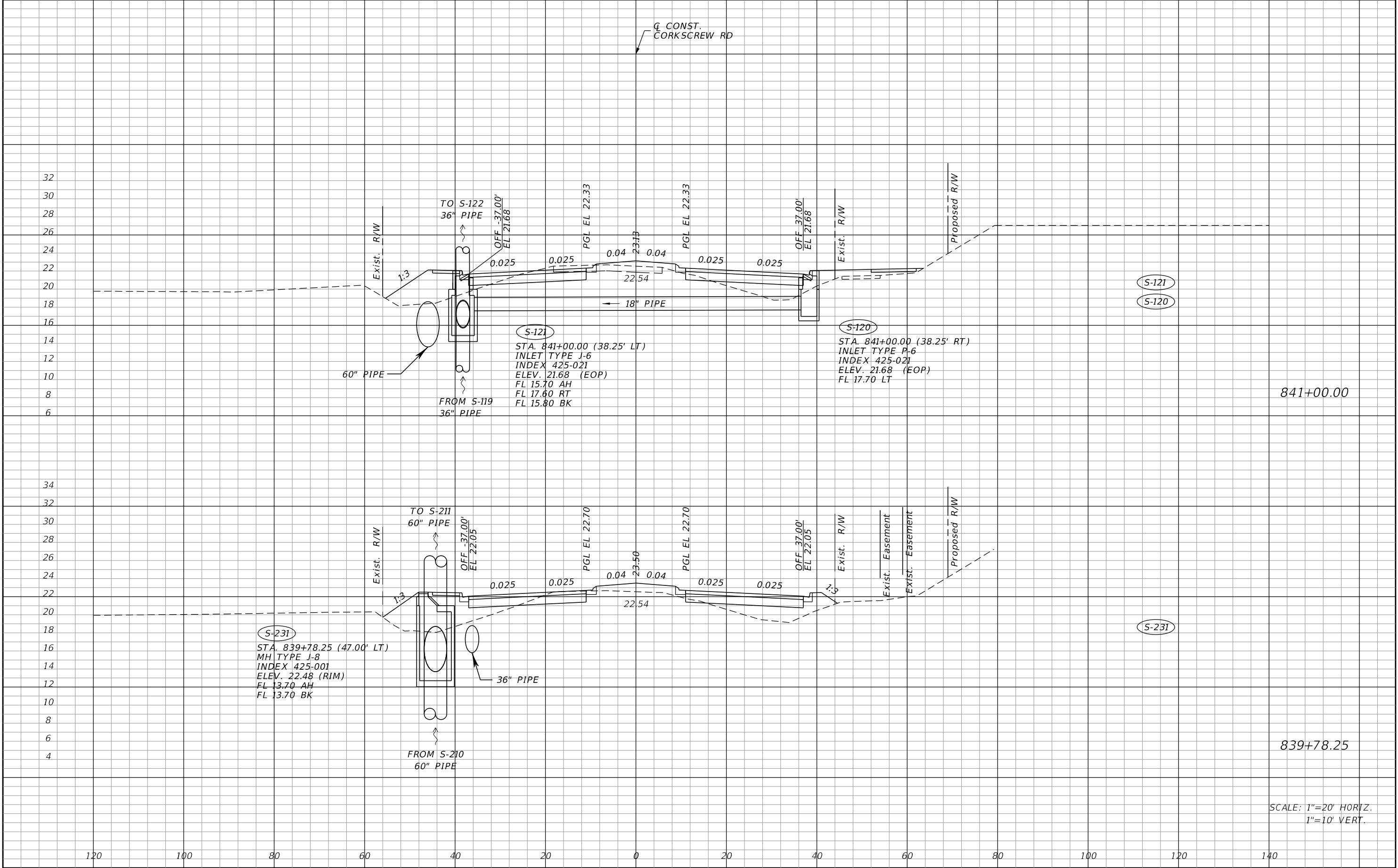
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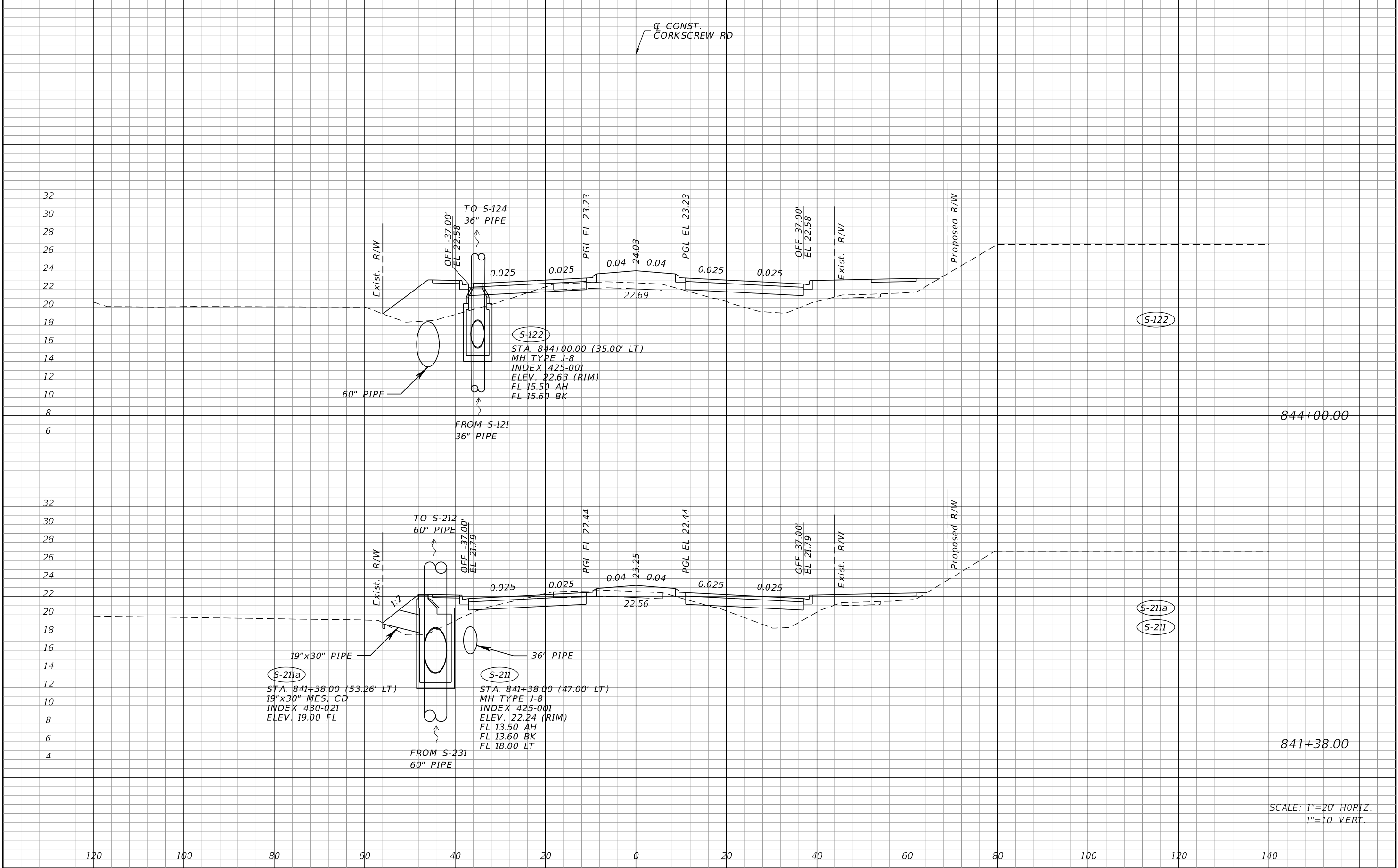
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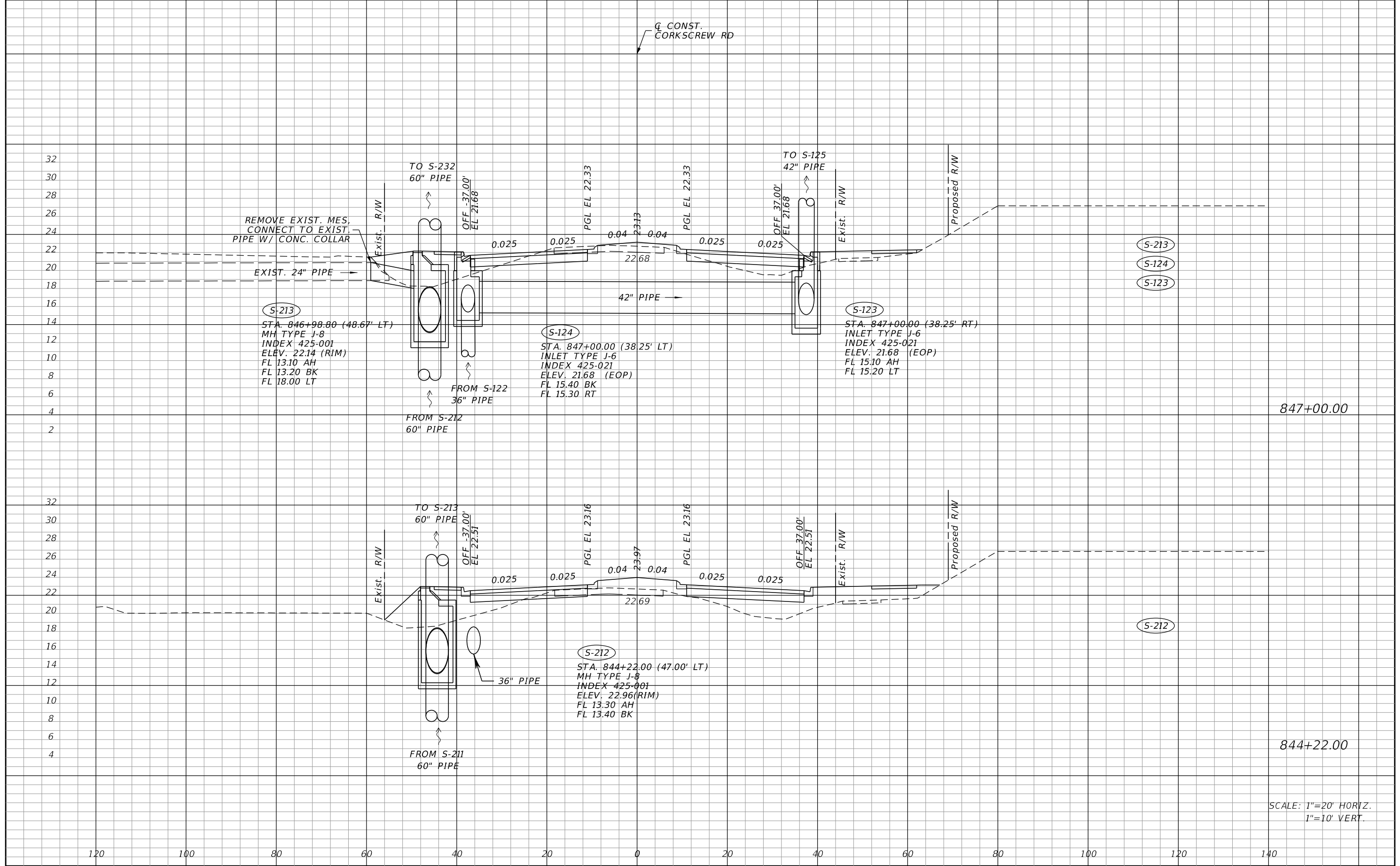
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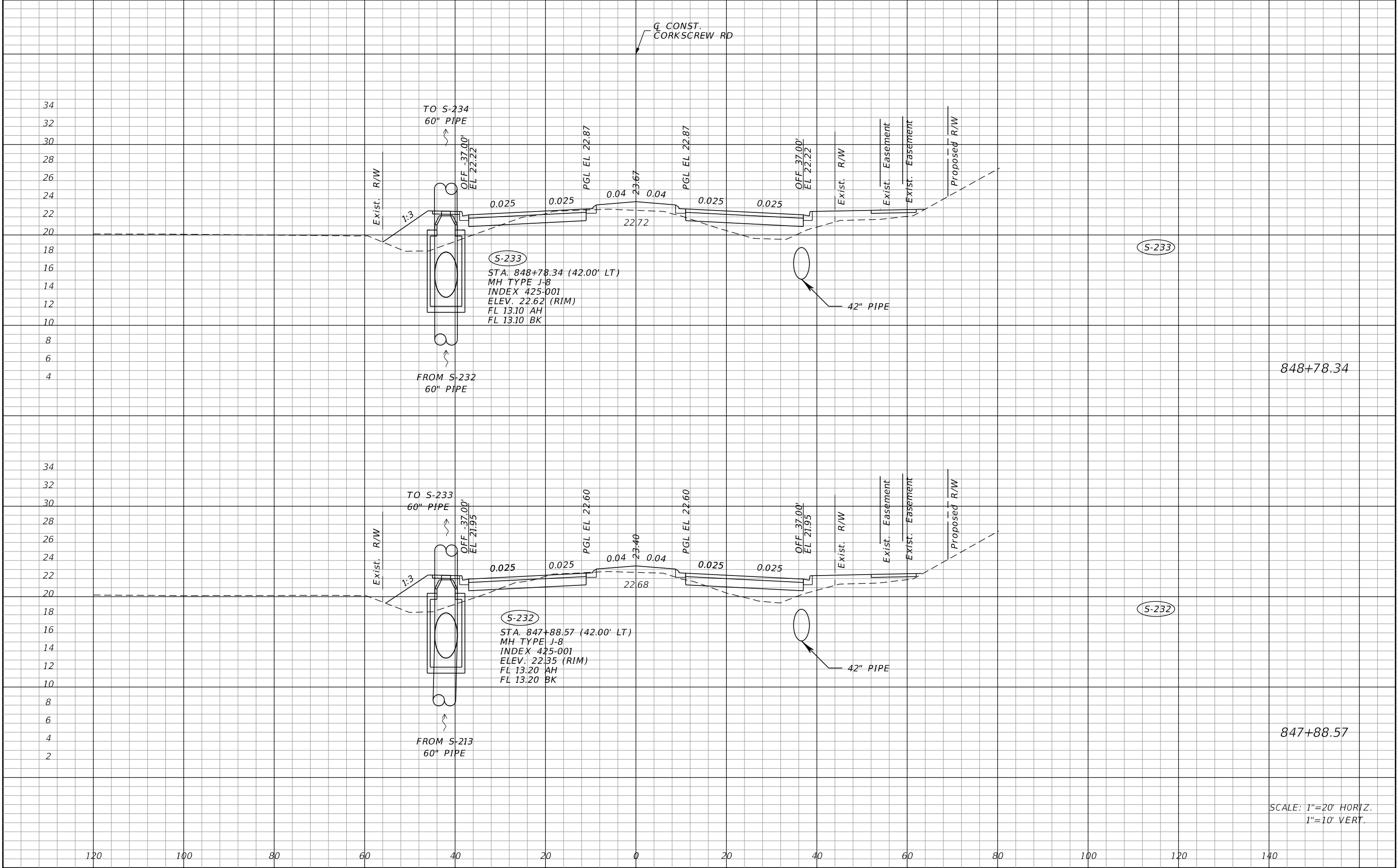
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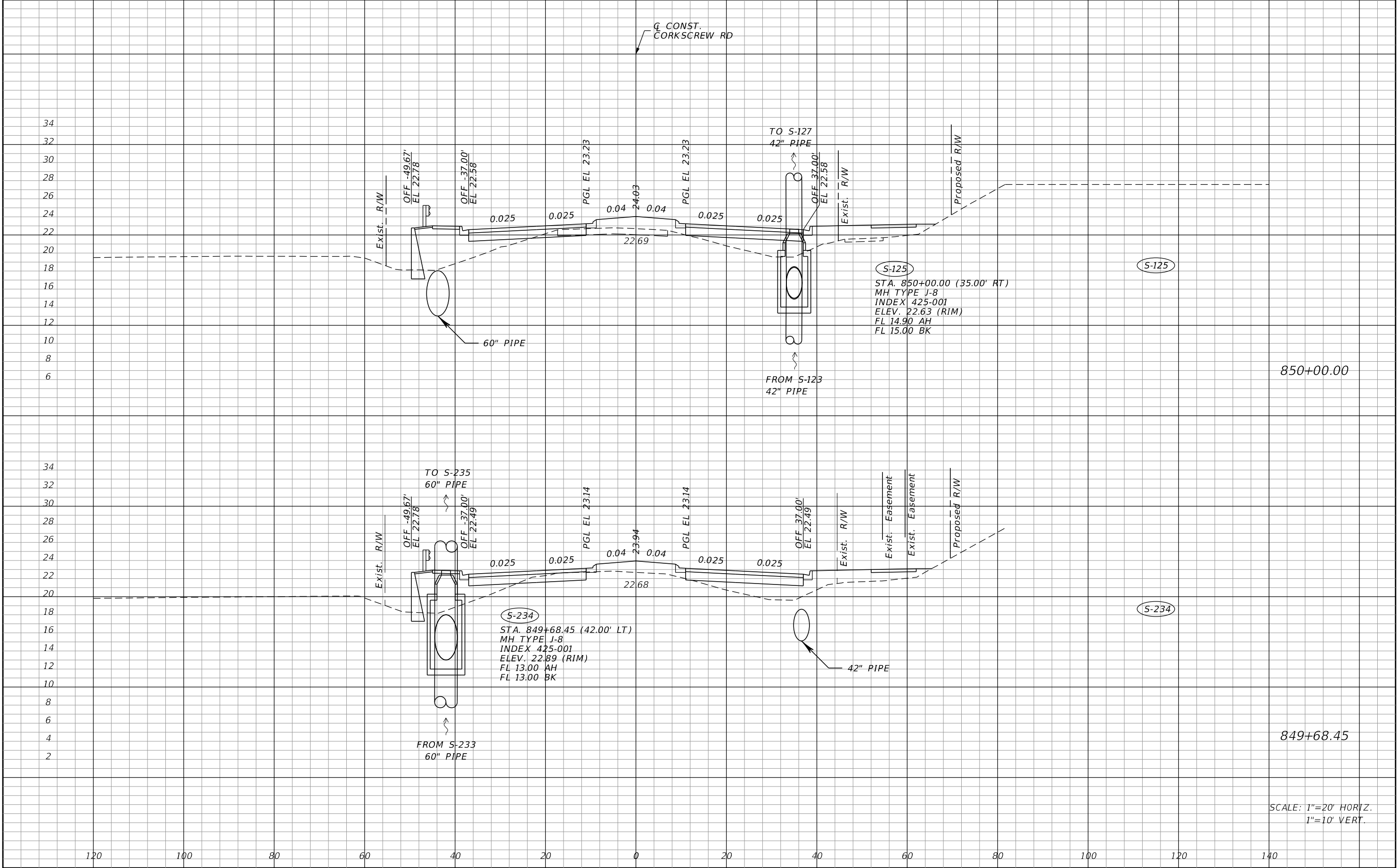
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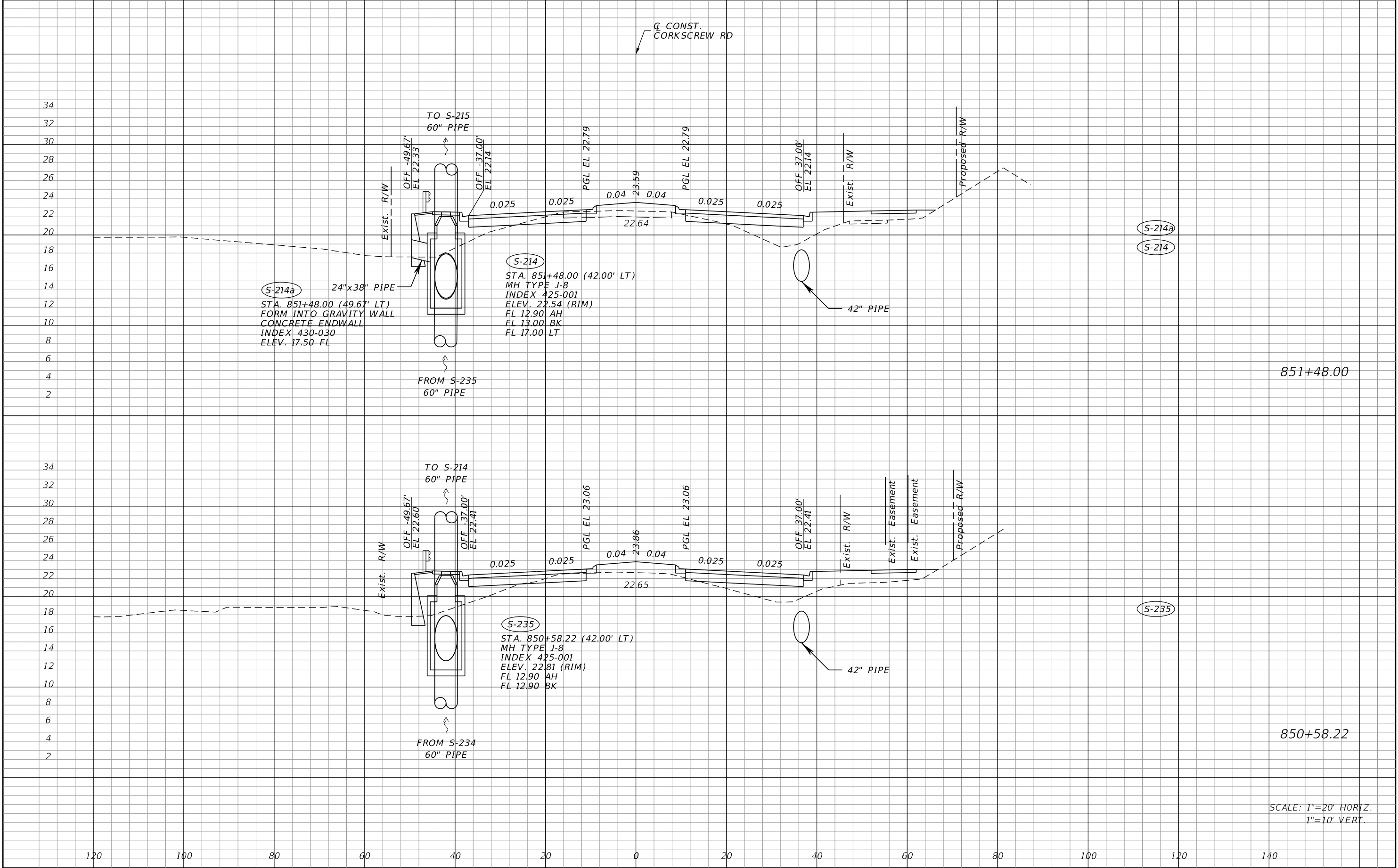
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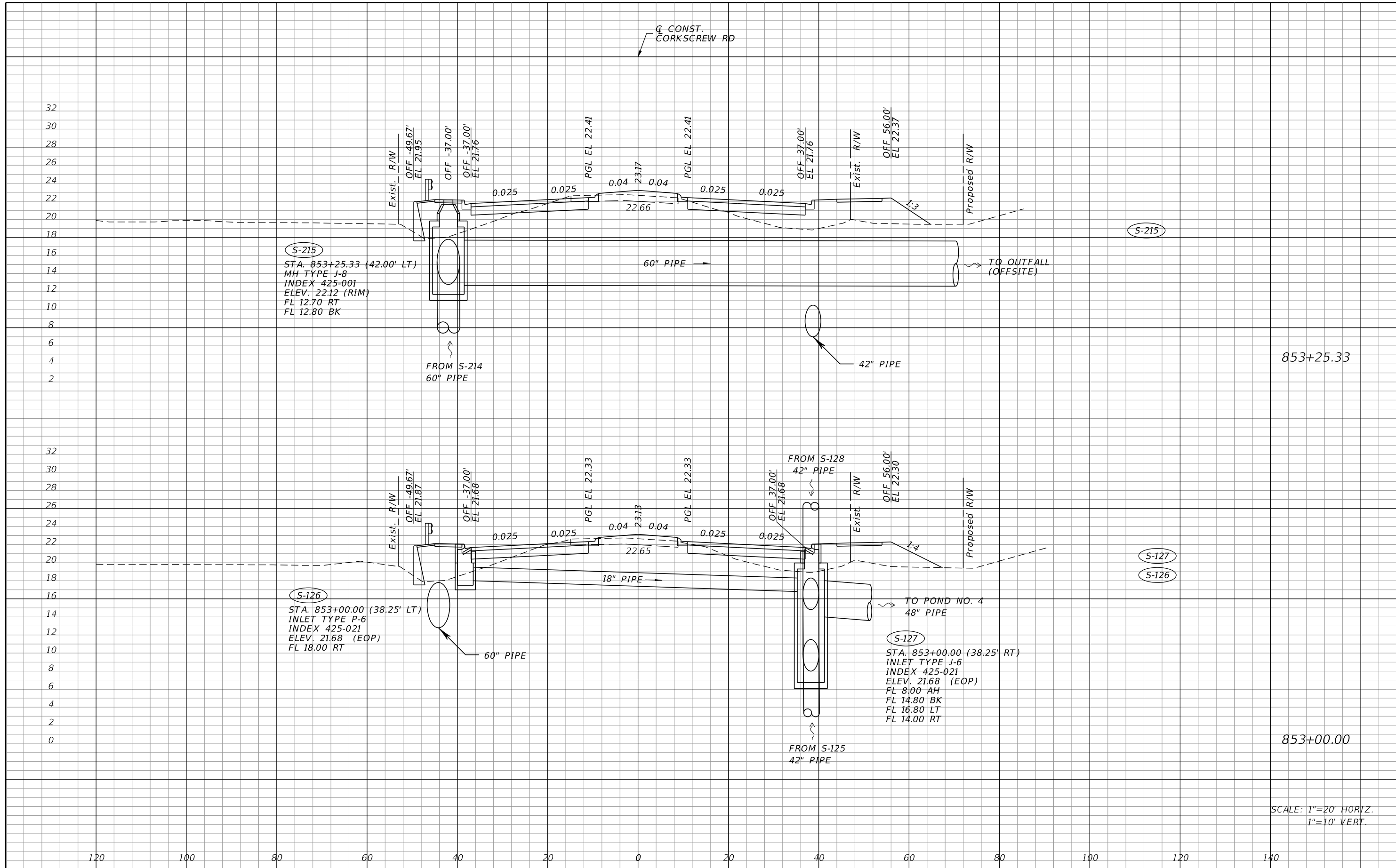
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						LEE	20192030-000		61

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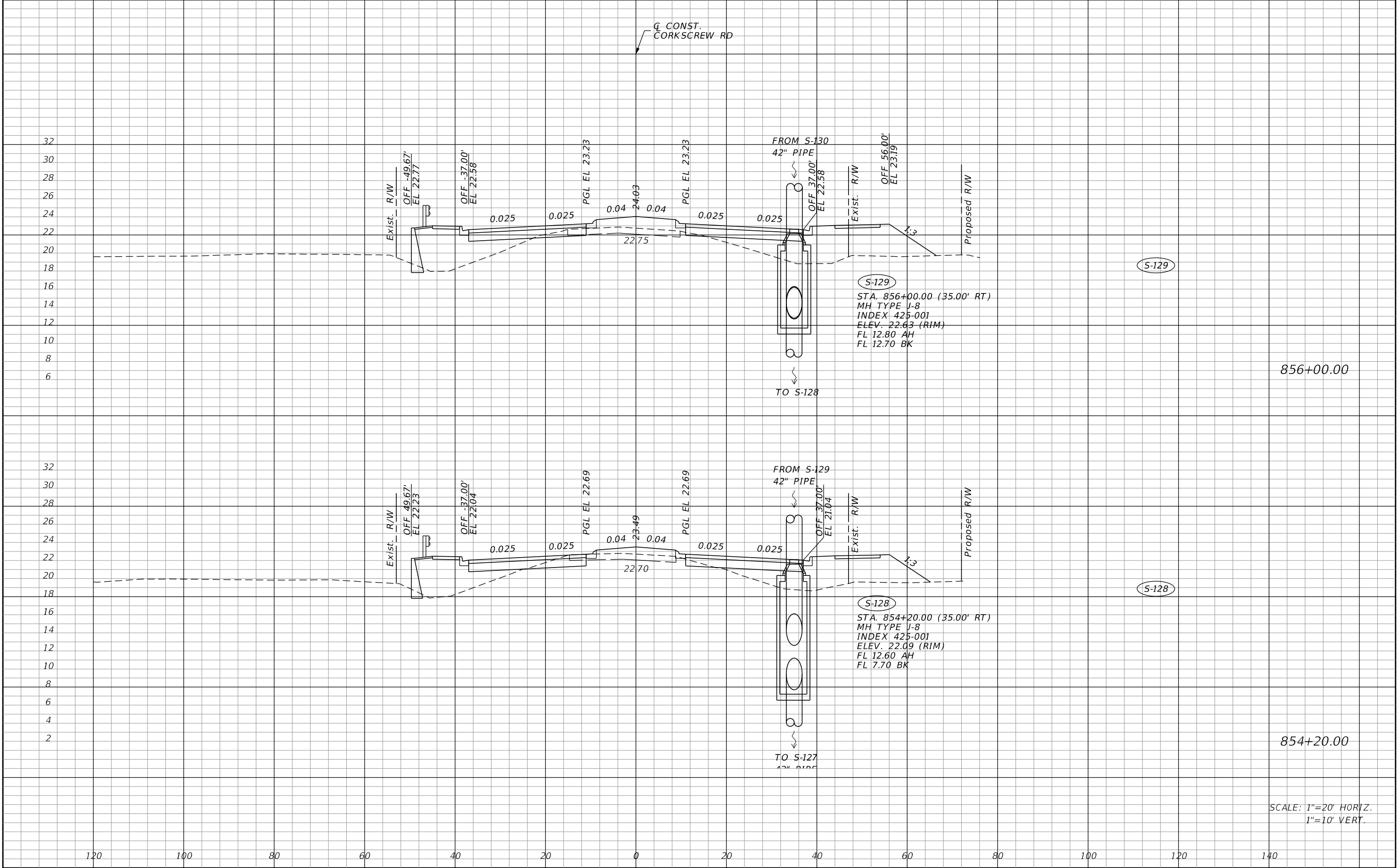


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000	62	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

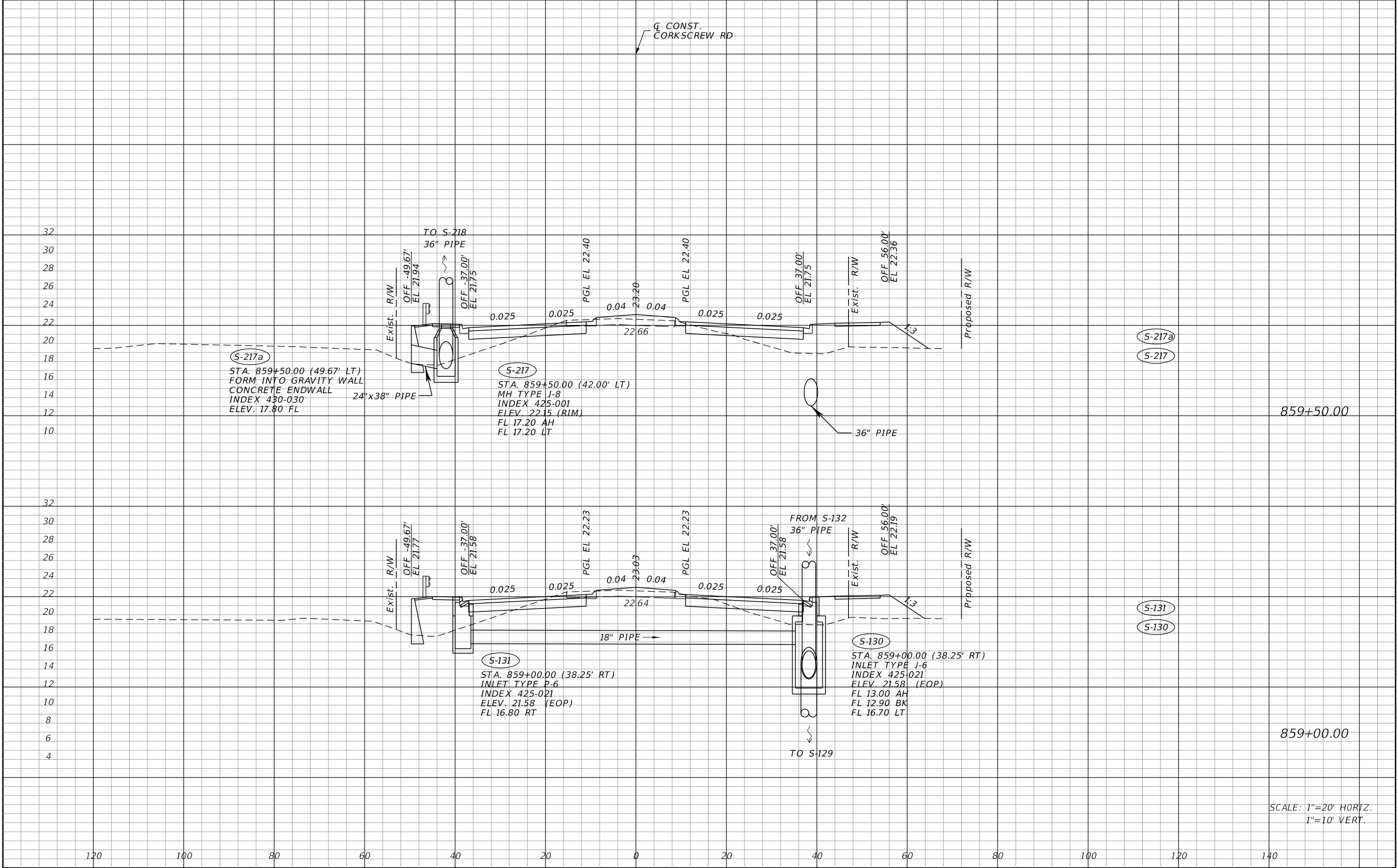


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		63



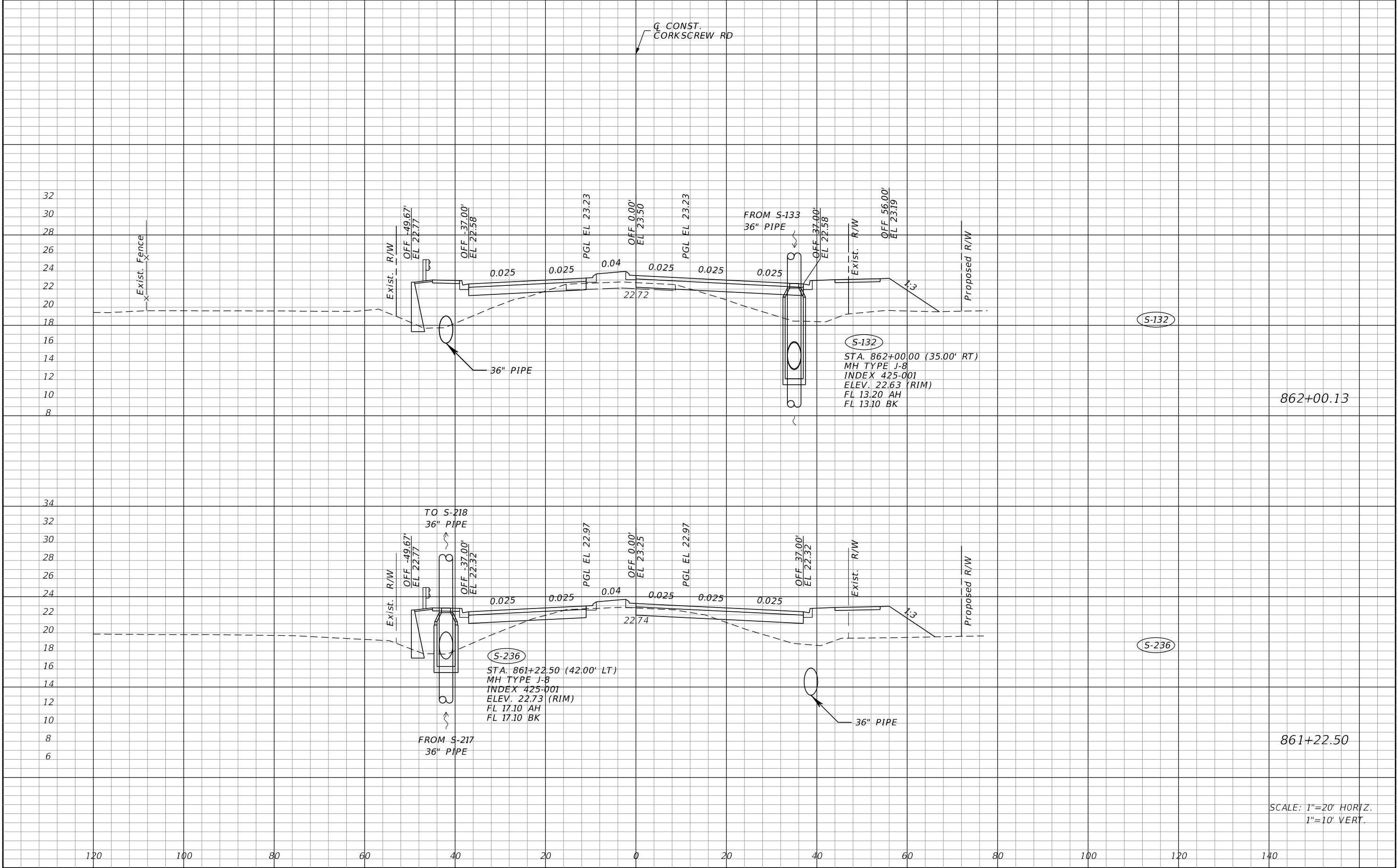
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		64

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



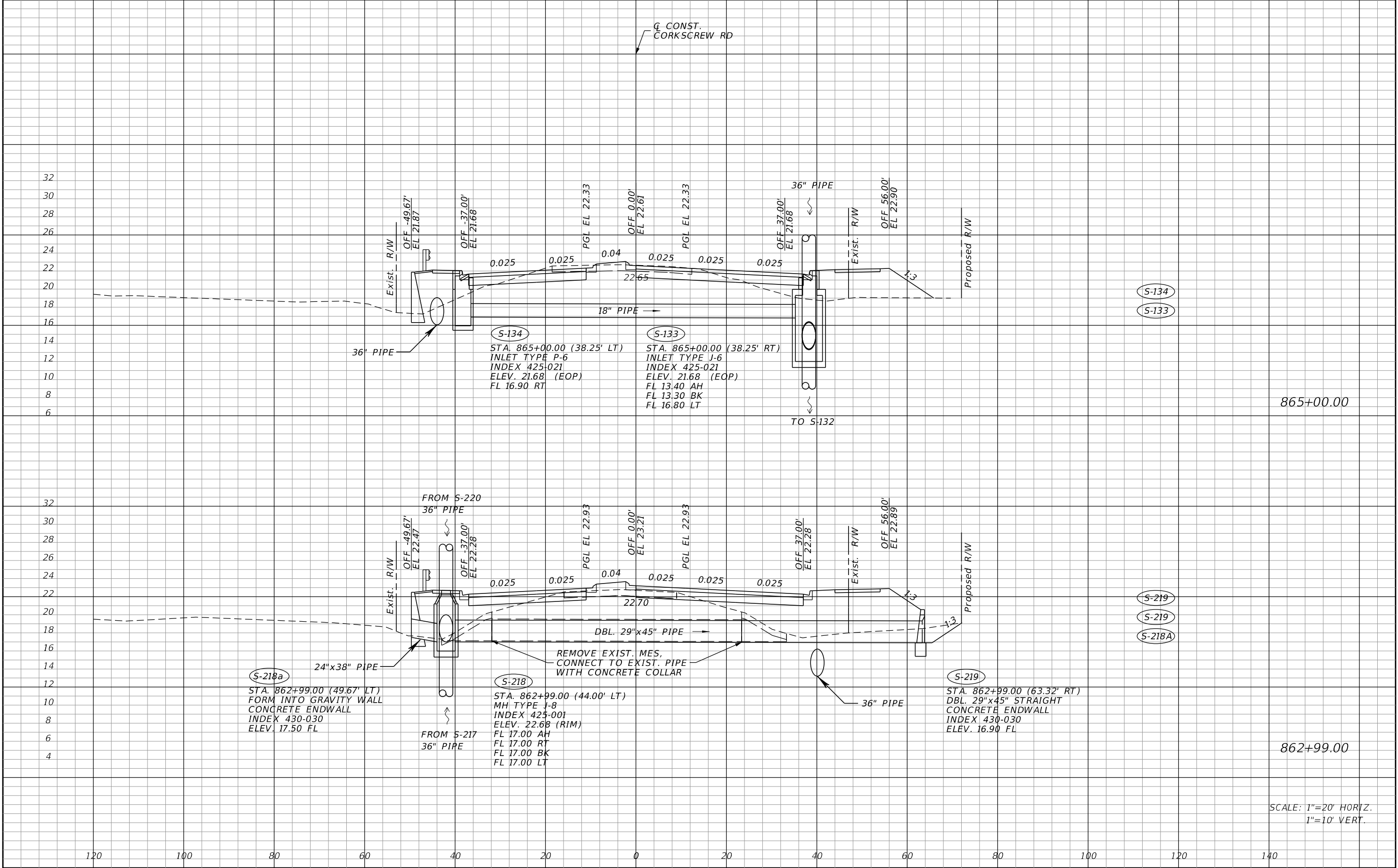
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		65

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



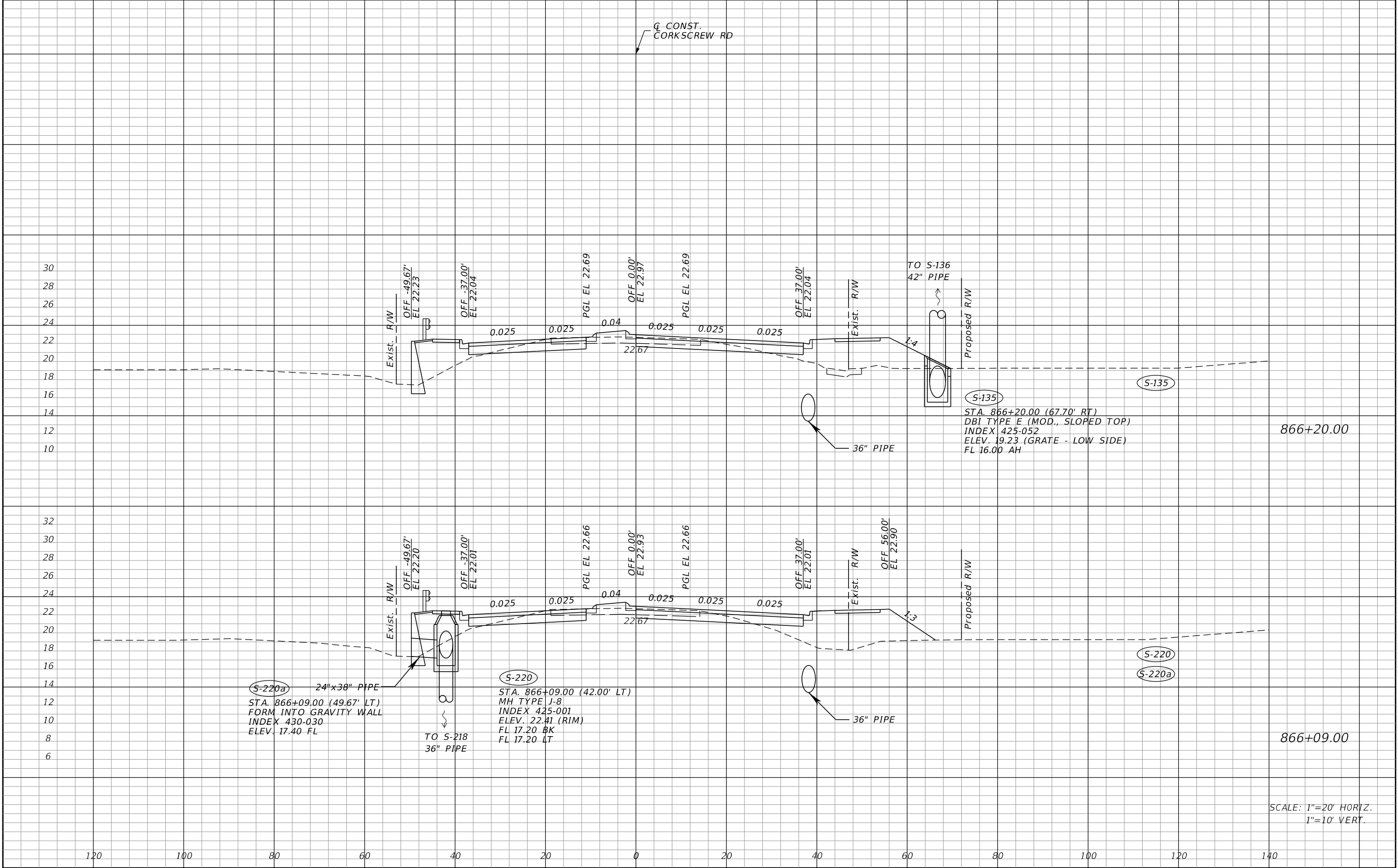
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		66

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



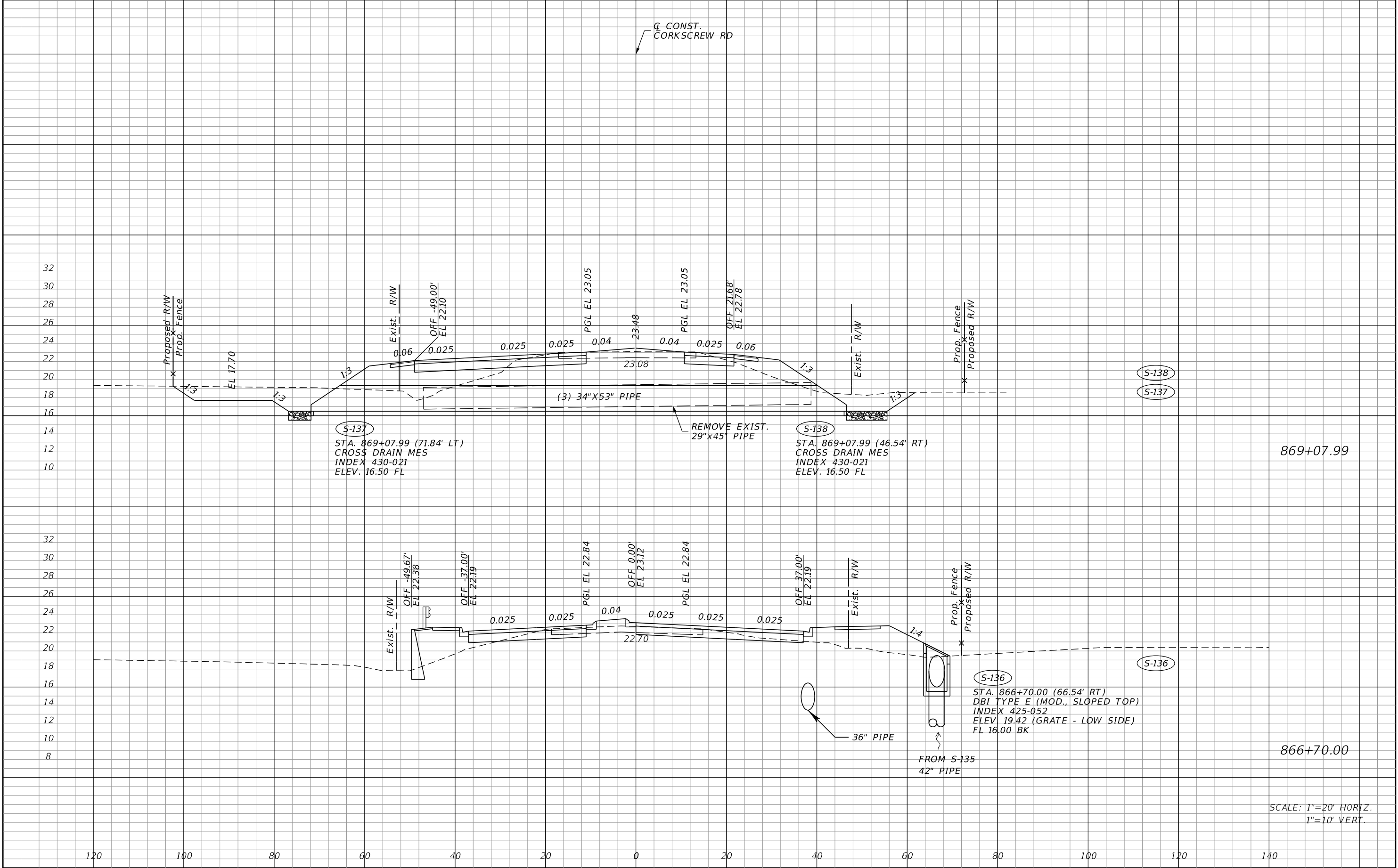
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		67

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



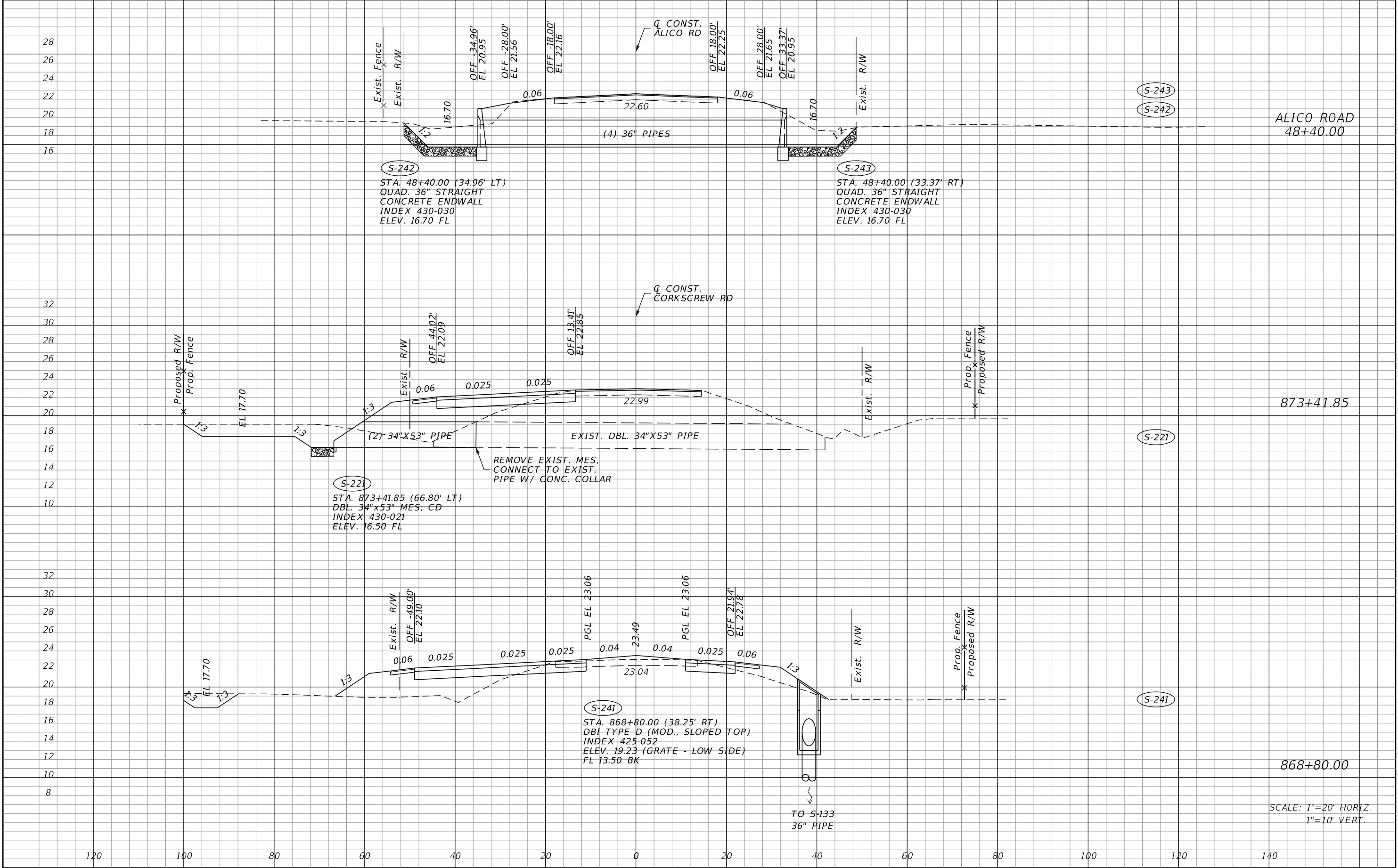
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		68
						LEE	20192030-000		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



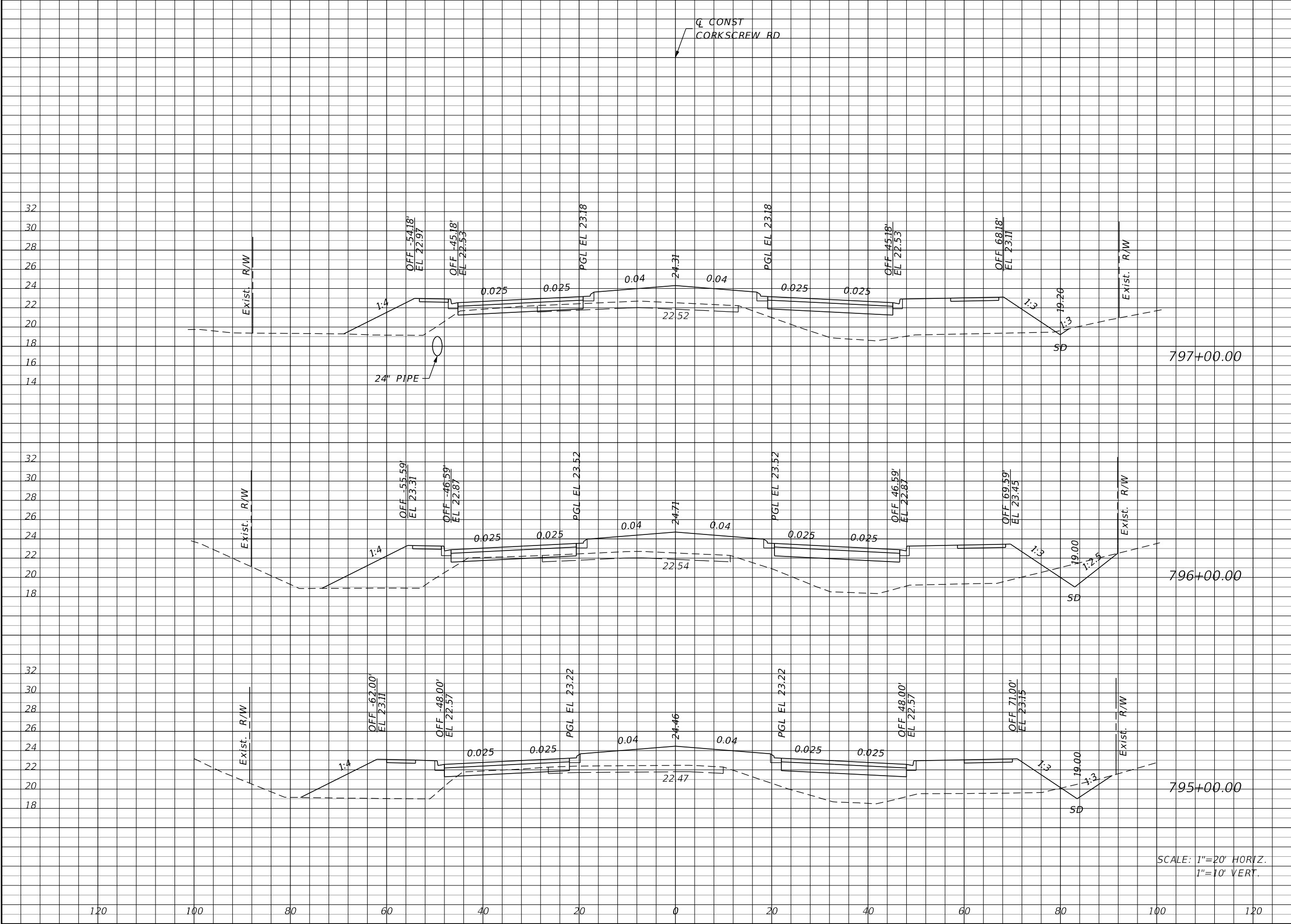
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		69

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		70

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
9		56	259	1065
21		67	316	1170
15		0	316	0

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING

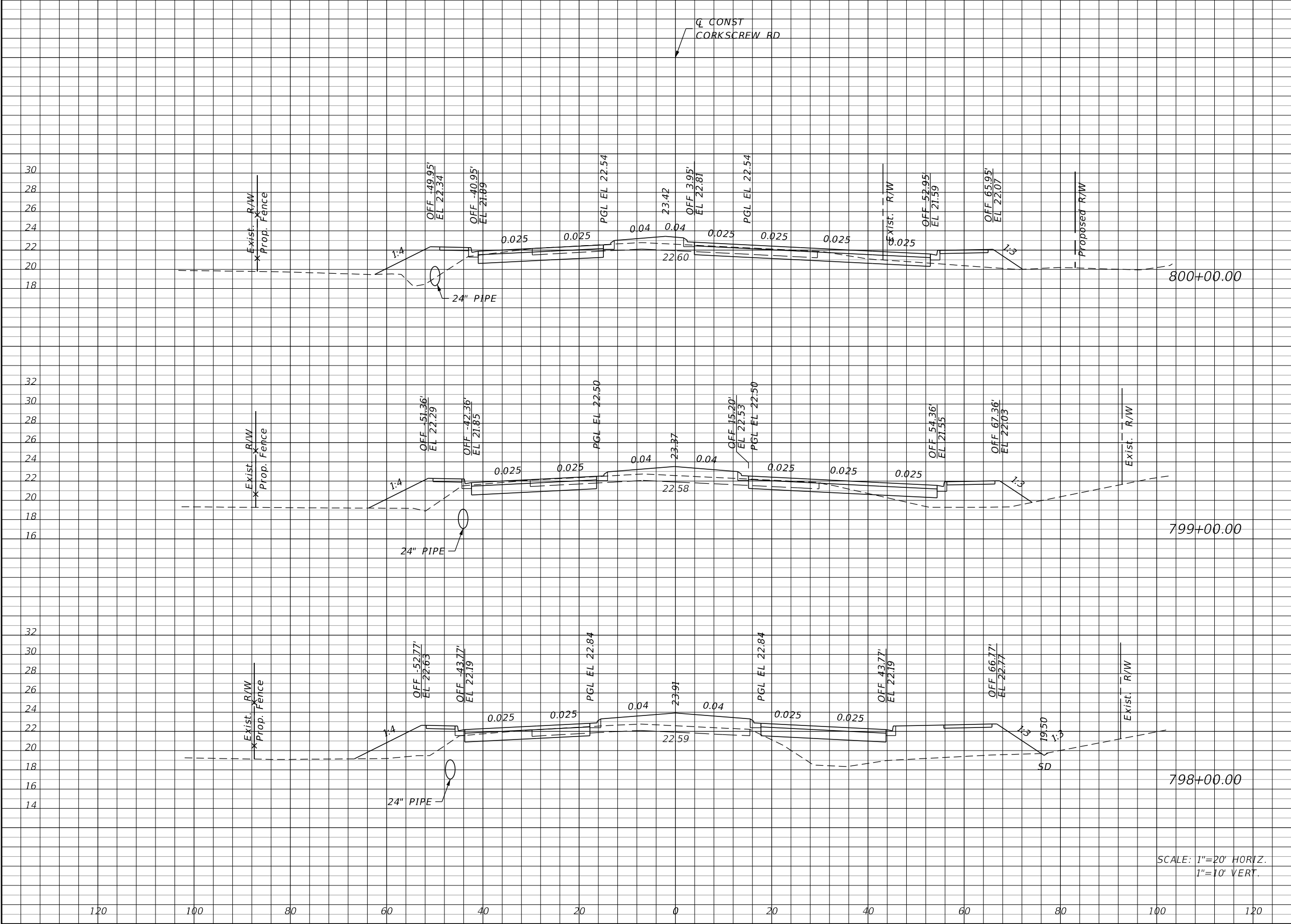
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
71

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
43		141	63	289
33		89	93	552
15		44	205	859

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

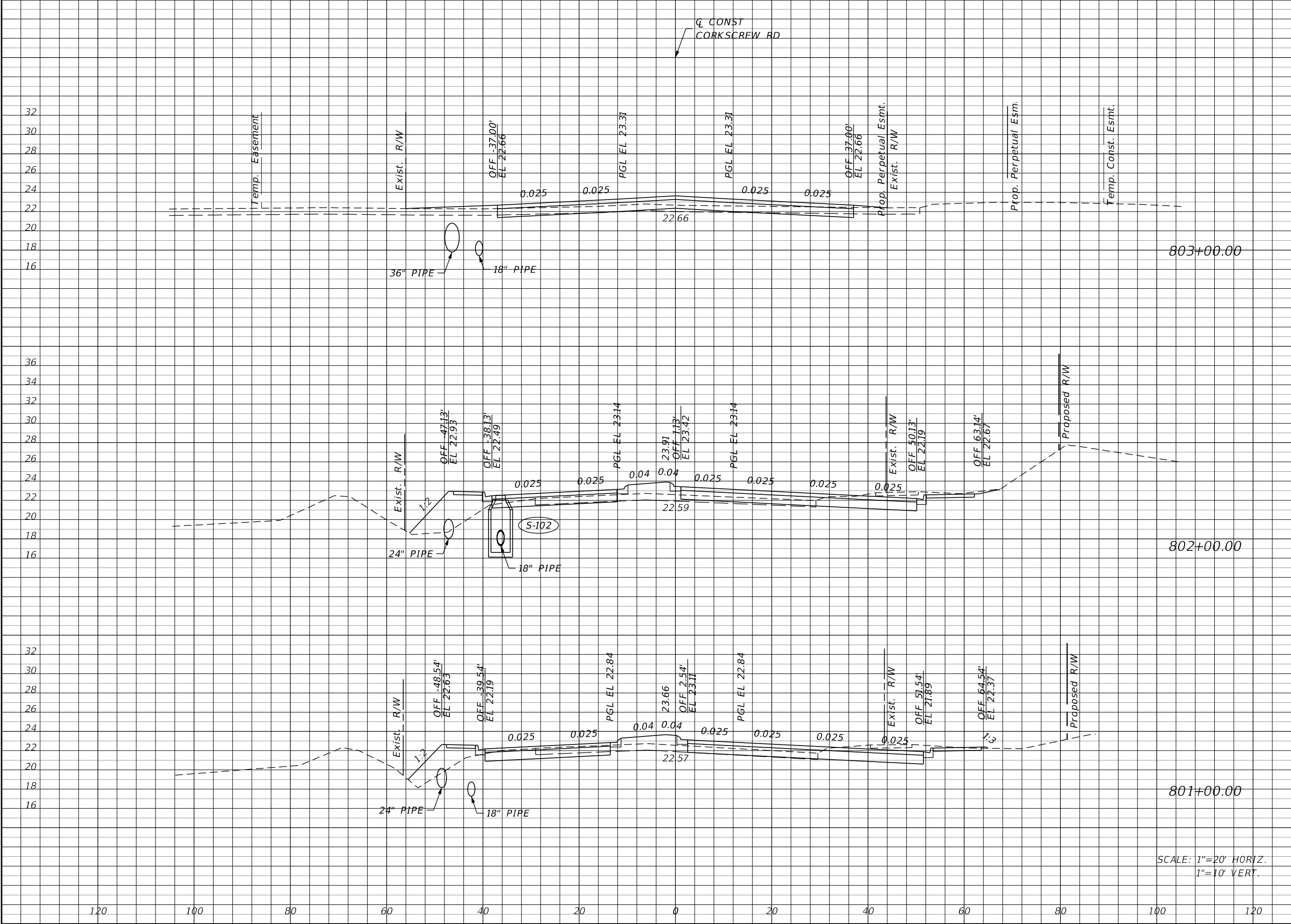
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET
NO.
72

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
7		91	5	100
42		180	49	156
55		181	35	181

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

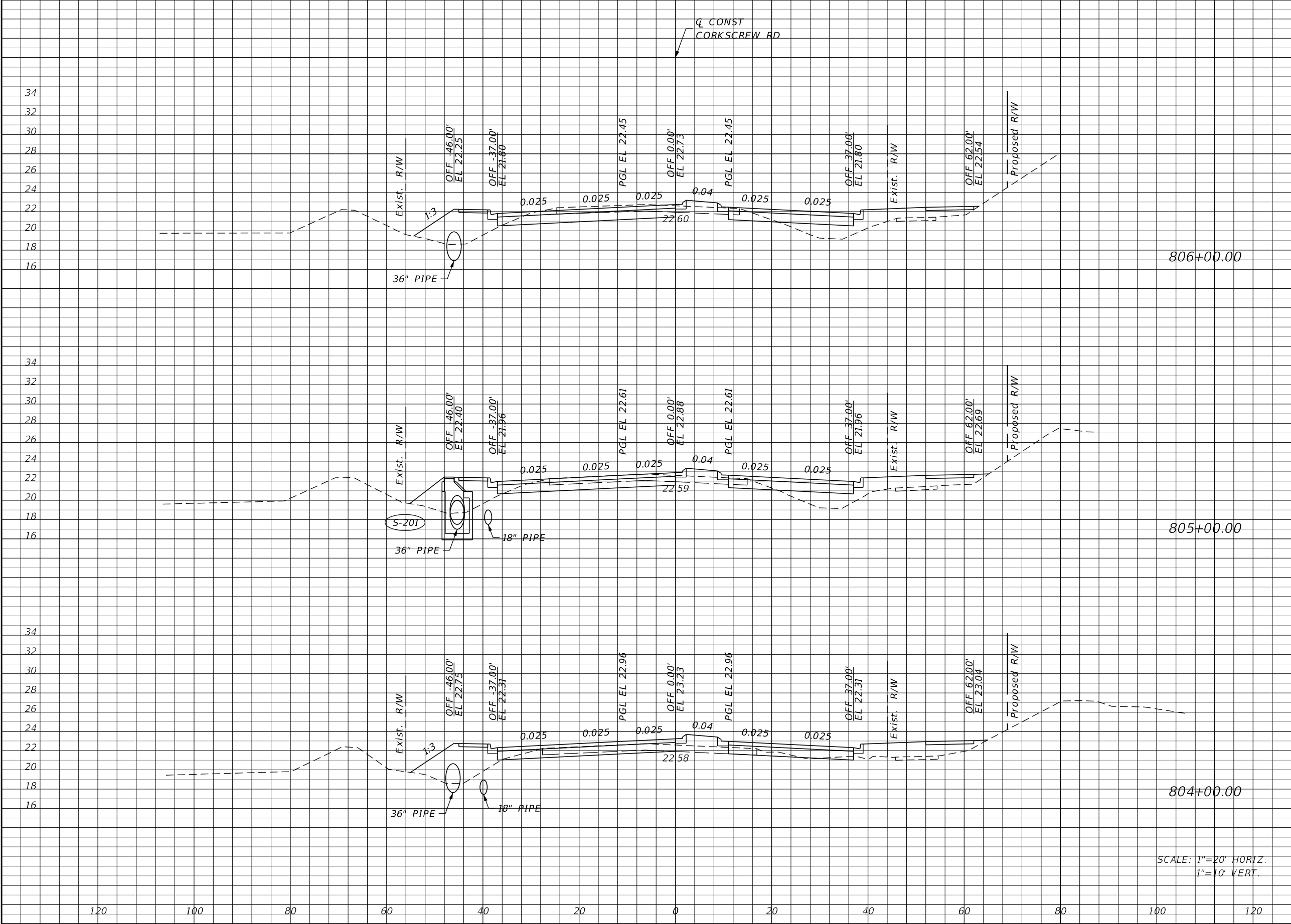
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

**CROSS SECTIONS
CORKSCREW ROAD**

SHEET
NO.
73

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
37		120	83	326
28		81	93	326
16		43	83	163

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

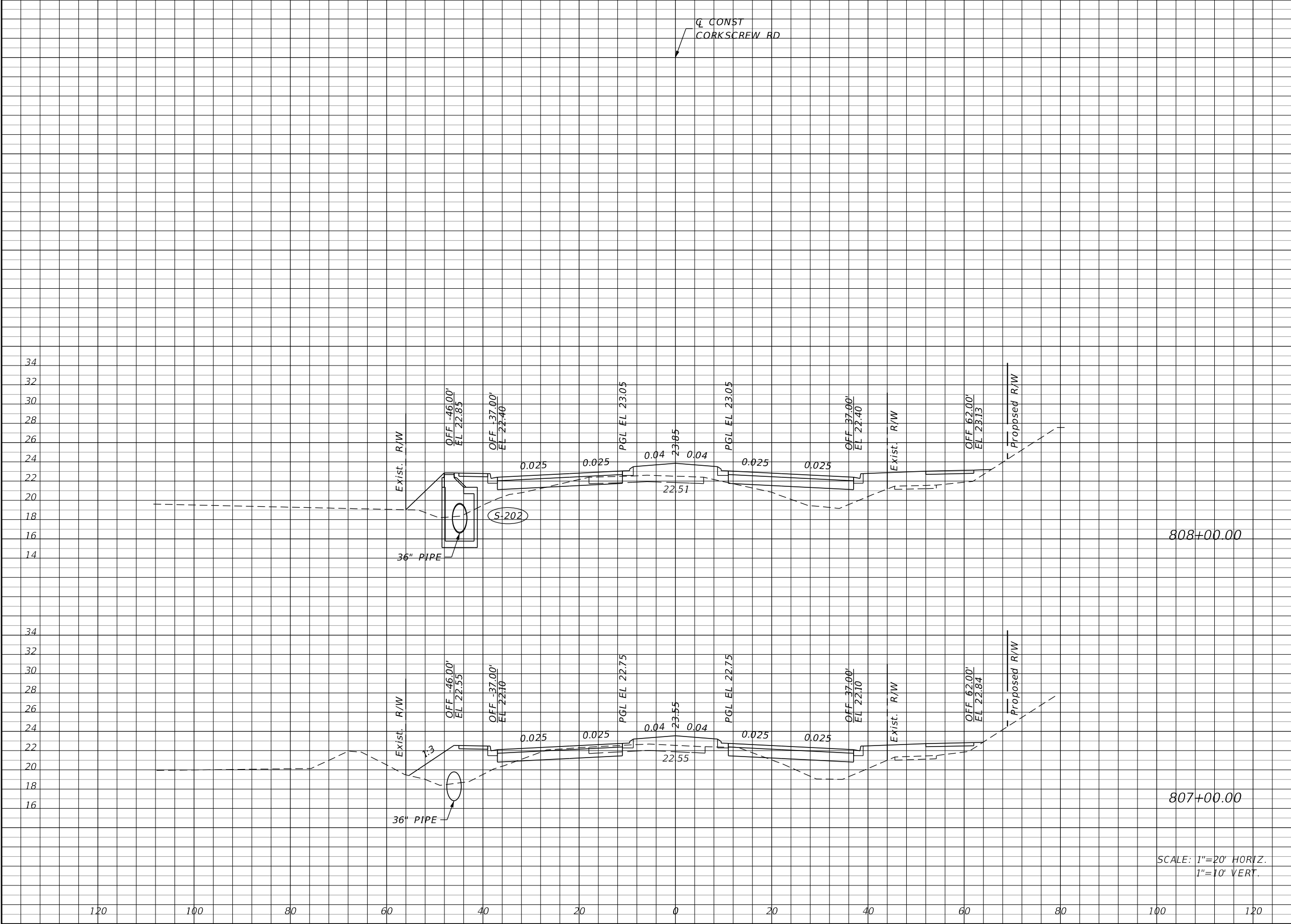
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
74

12/7/2022 2:55:35 PM Rdxsrd_shg

U:\Projects\20192030-000_Phase2\roadway\RDxSRD01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
4		44	151	498
20		106	118	372

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

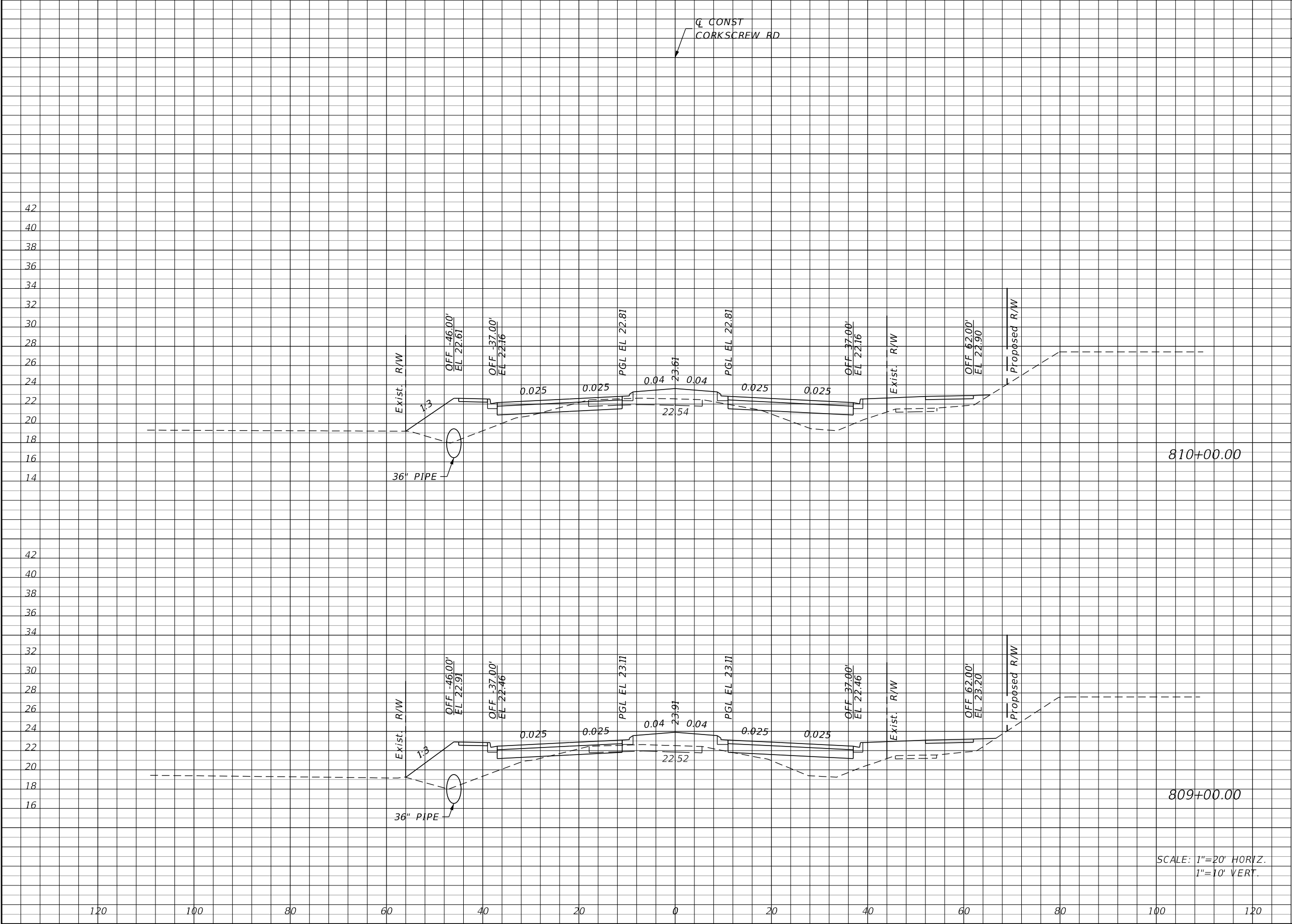
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
LEE 20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
75

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
10		26	127	526
4		15	157	570

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

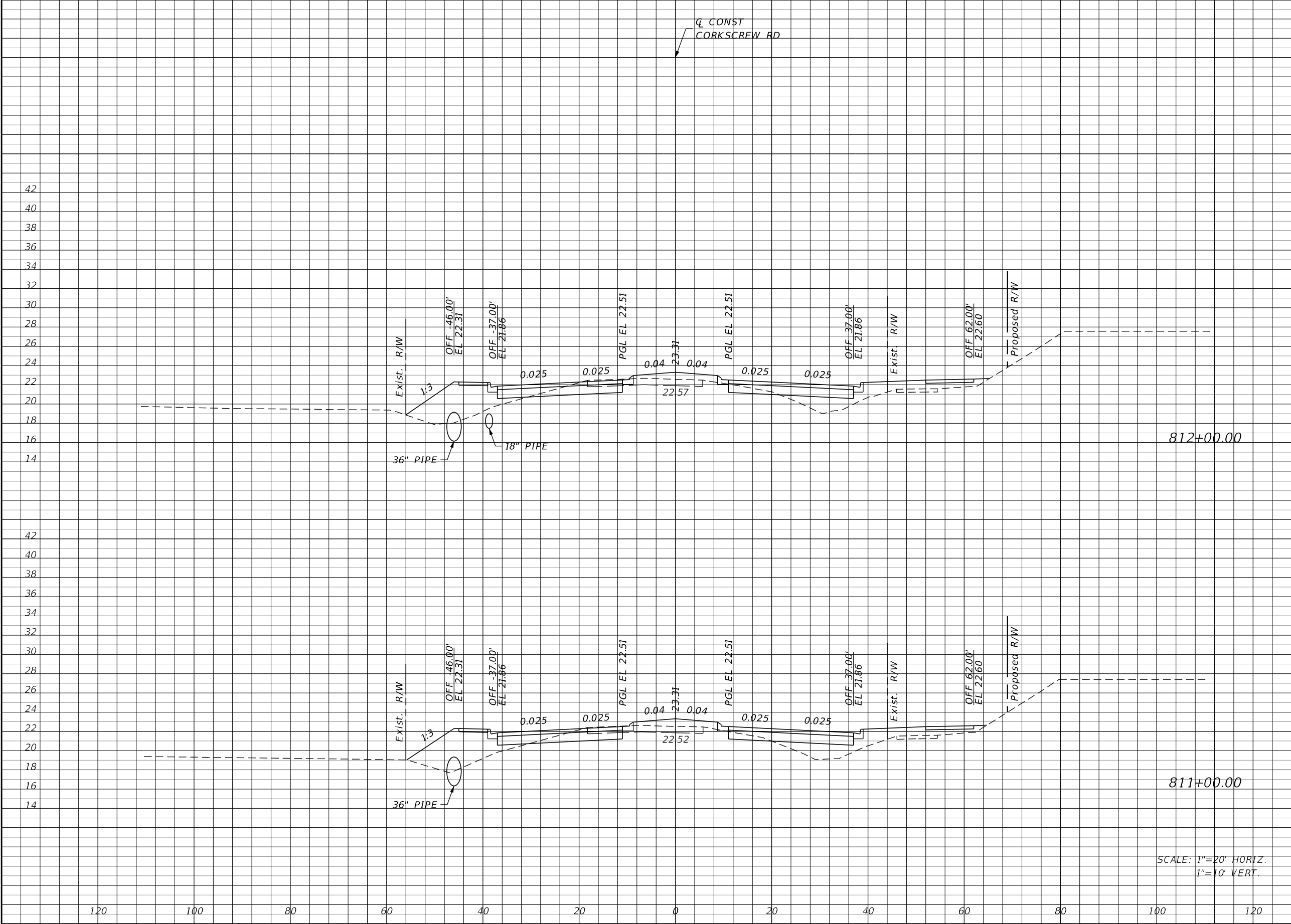
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
76

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
20		69	101	381
17		50	105	430

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

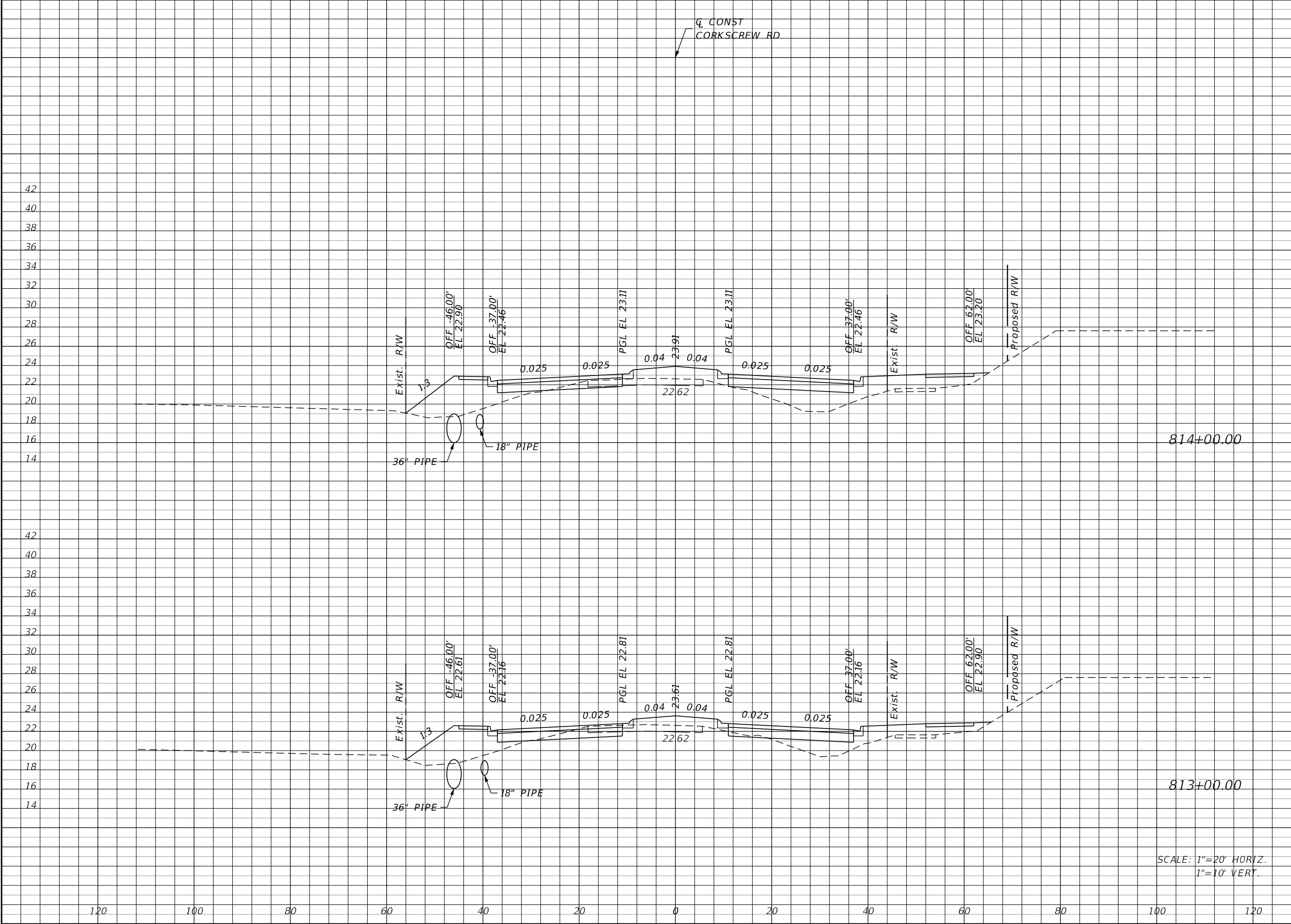
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
77

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
4		30	148	483
12		59	113	396

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

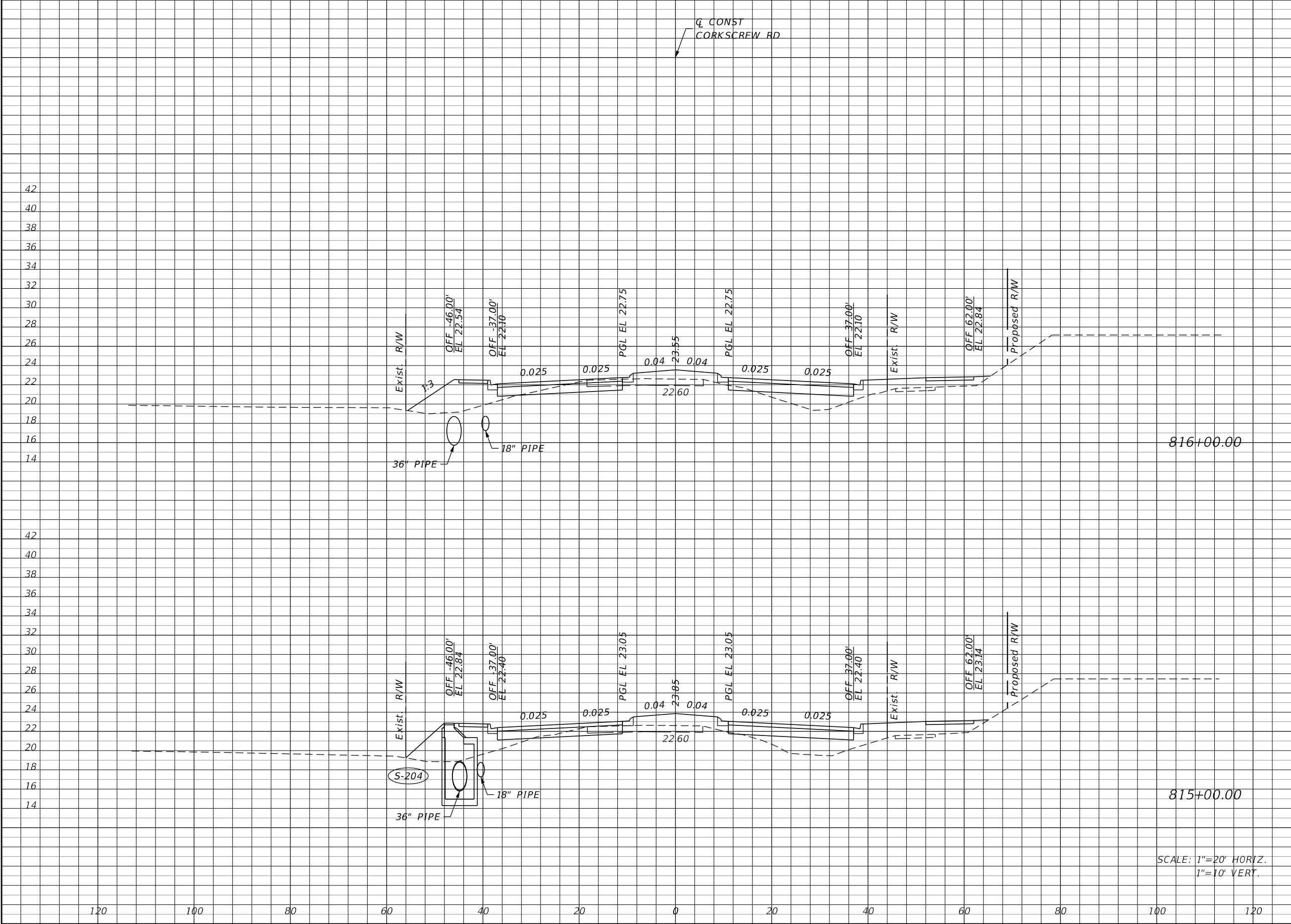
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
78

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
14		37	101	439
6		19	136	526

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

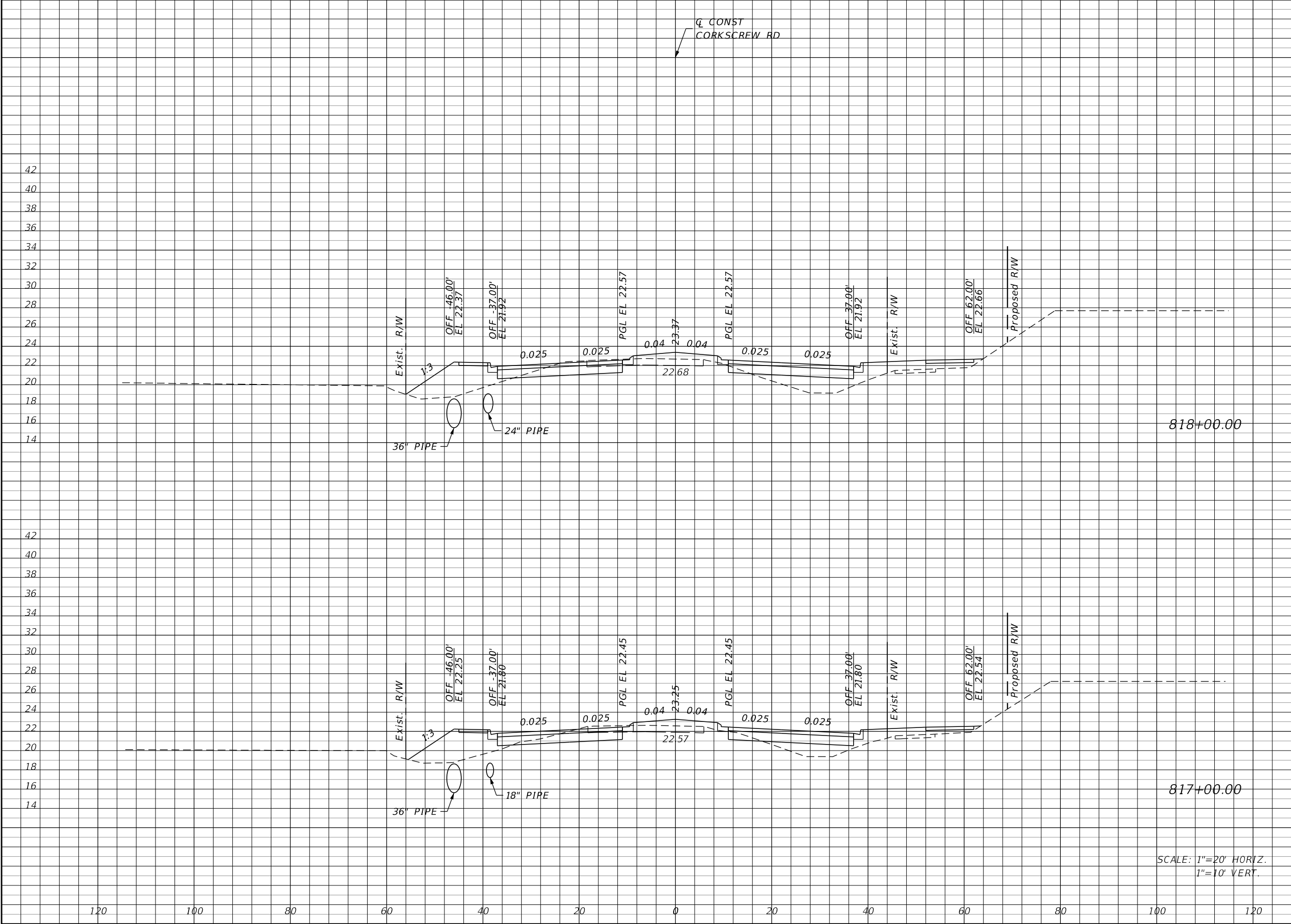
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
79

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
21		78	100	341
21		65	84	343

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

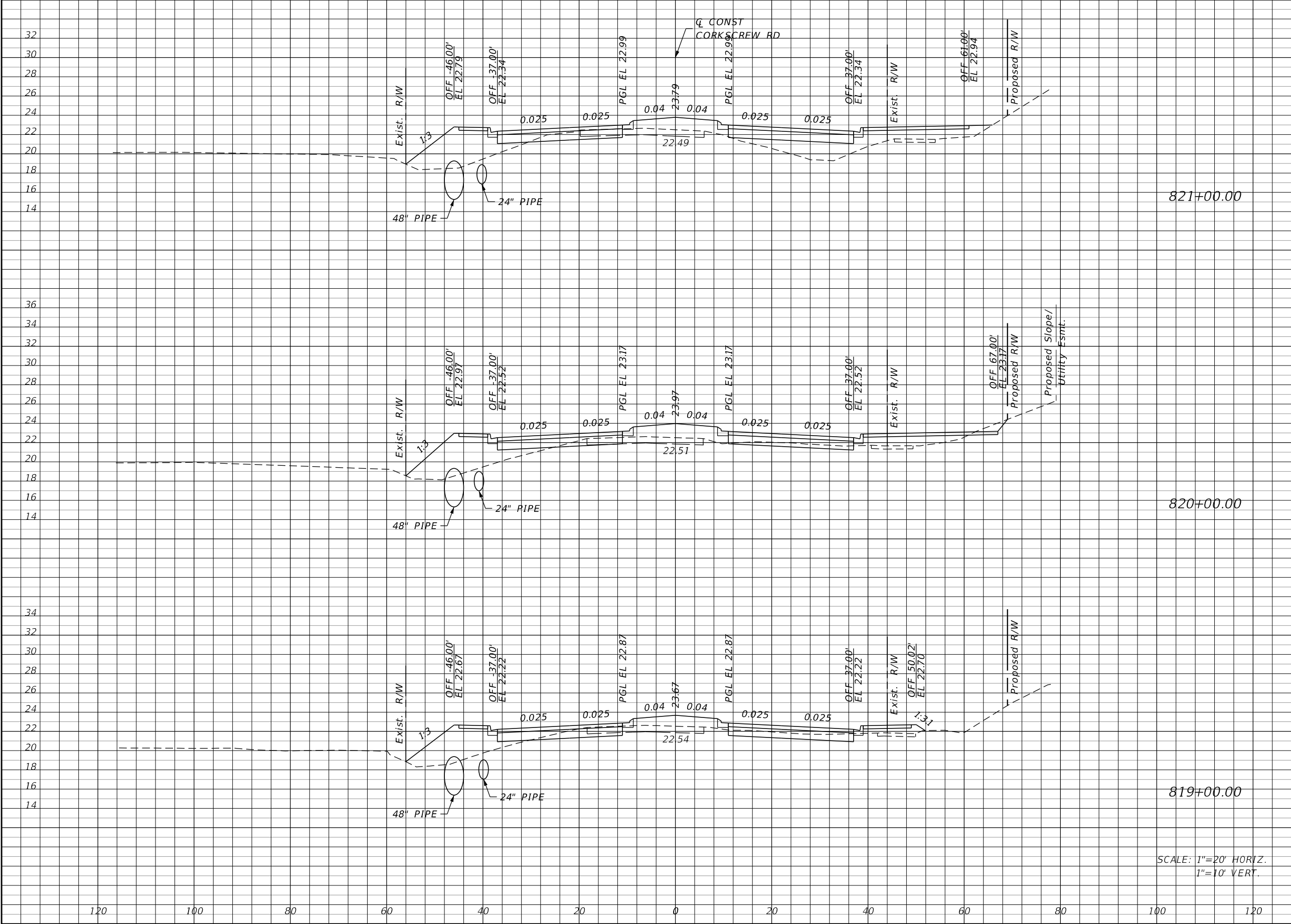
LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

80

SHEET NO.
80

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
9	821+00.00			
		46	139	463
16	820+00.00			
		76	111	346
25	819+00.00			
		85	76	326

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING

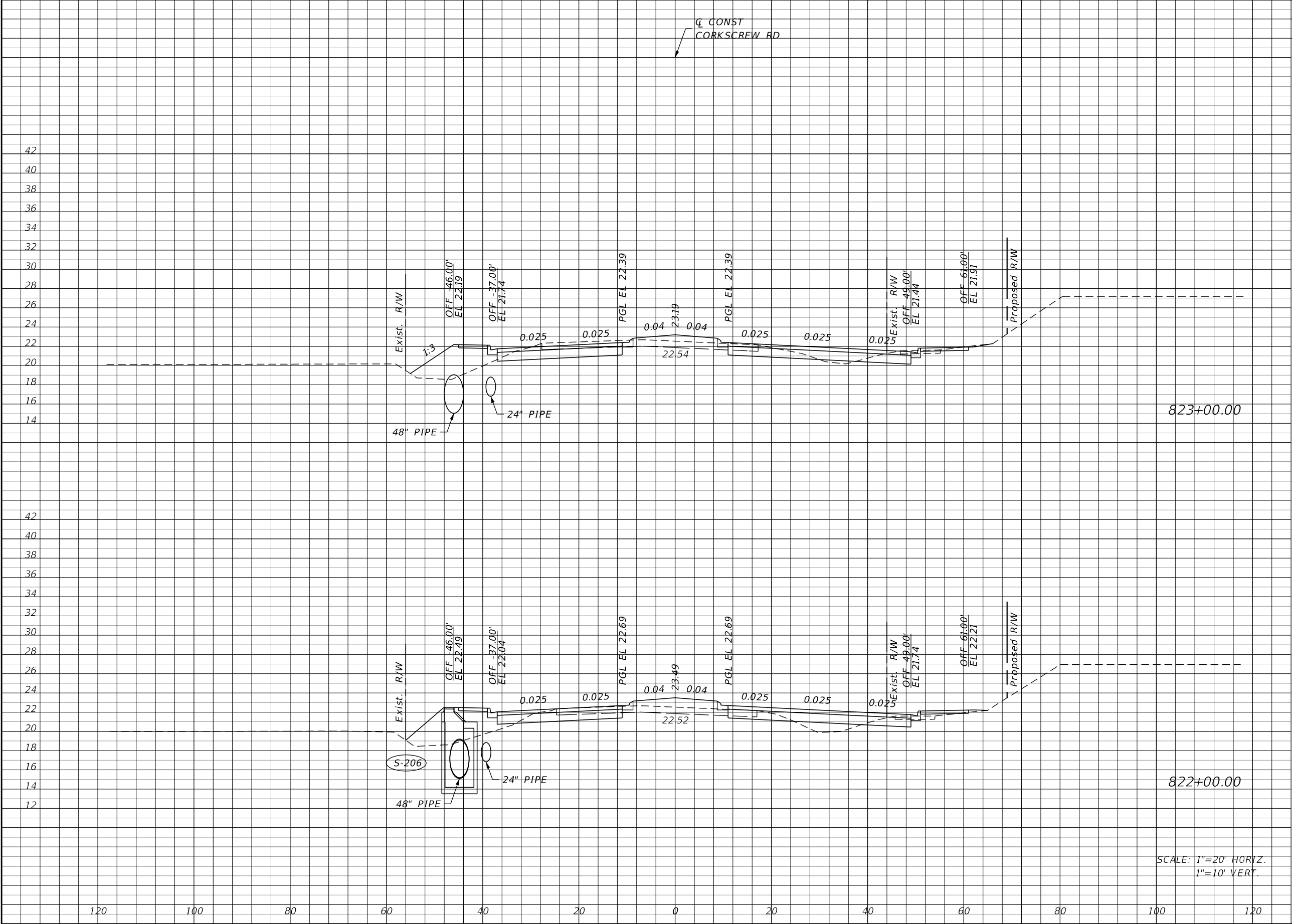
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
81

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
48		139	47	219
27		67	71	389

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

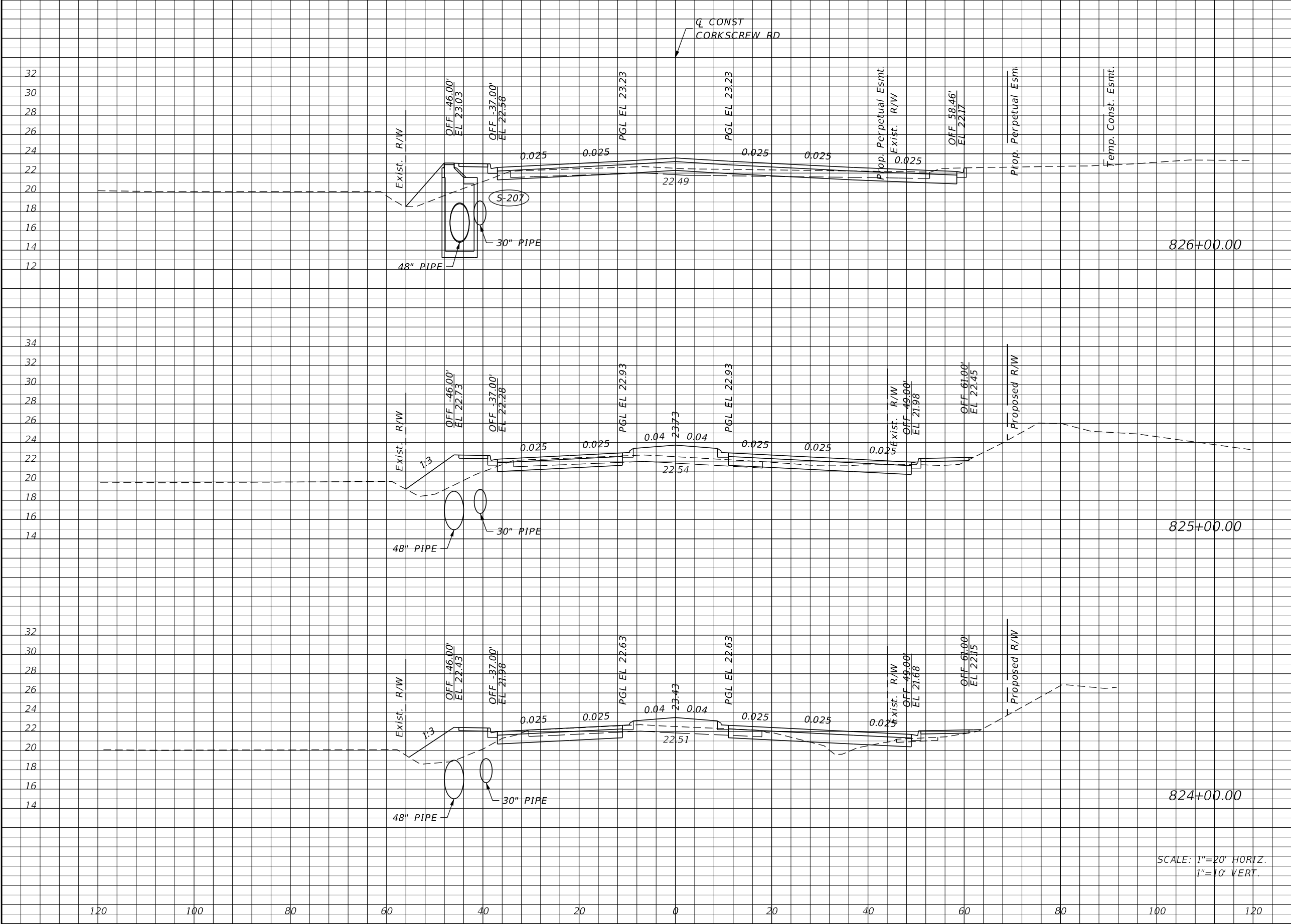
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
82

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
21		98	32	169
32		107	59	222
26		137	61	200

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

CROSS SECTIONS
CORKSCREW ROAD

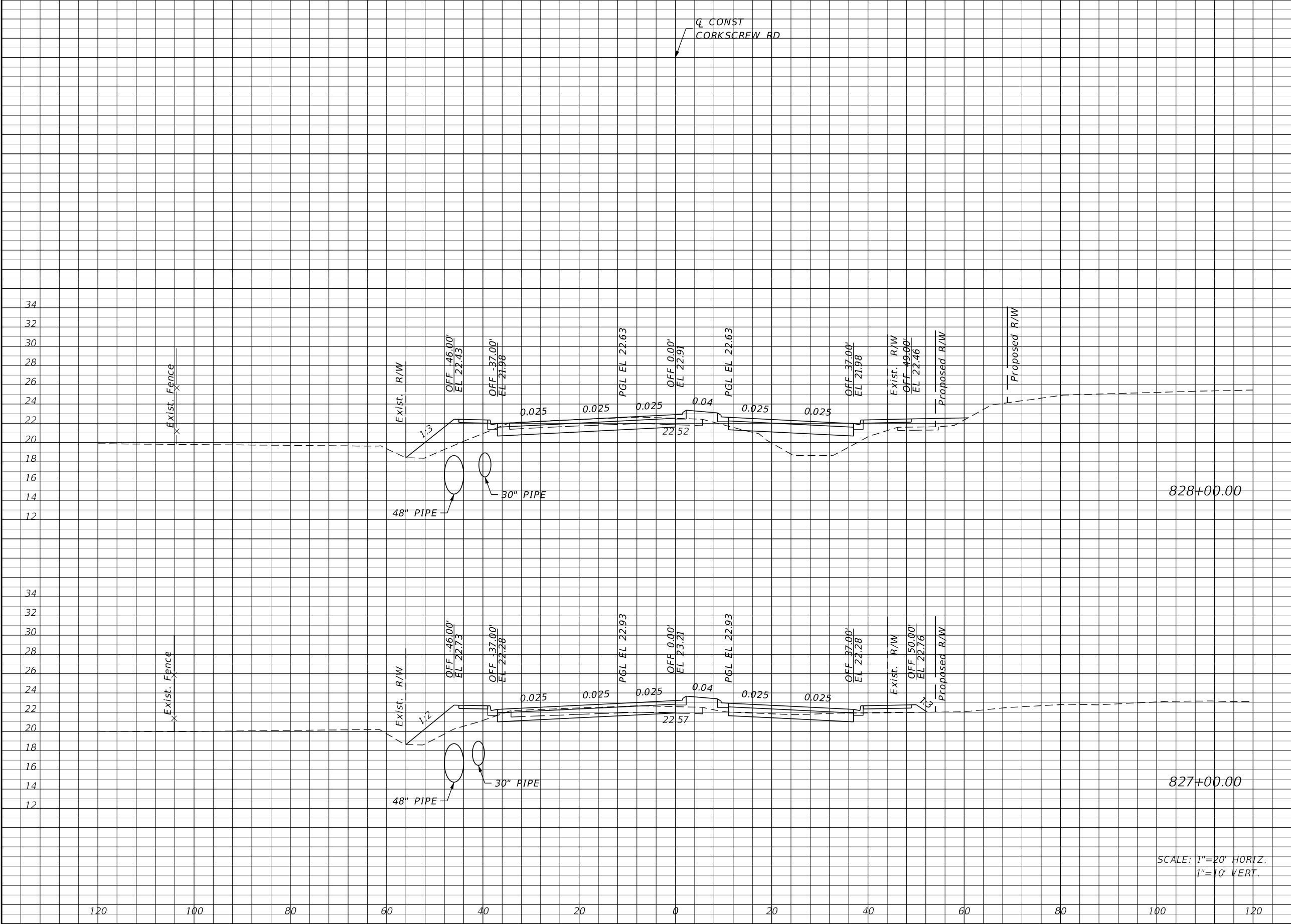
SHEET NO.
83

LTW

12/7/2022 2:55:37 PM Rdxsrd_shg

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
23		94	83	231
28		91	42	137

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

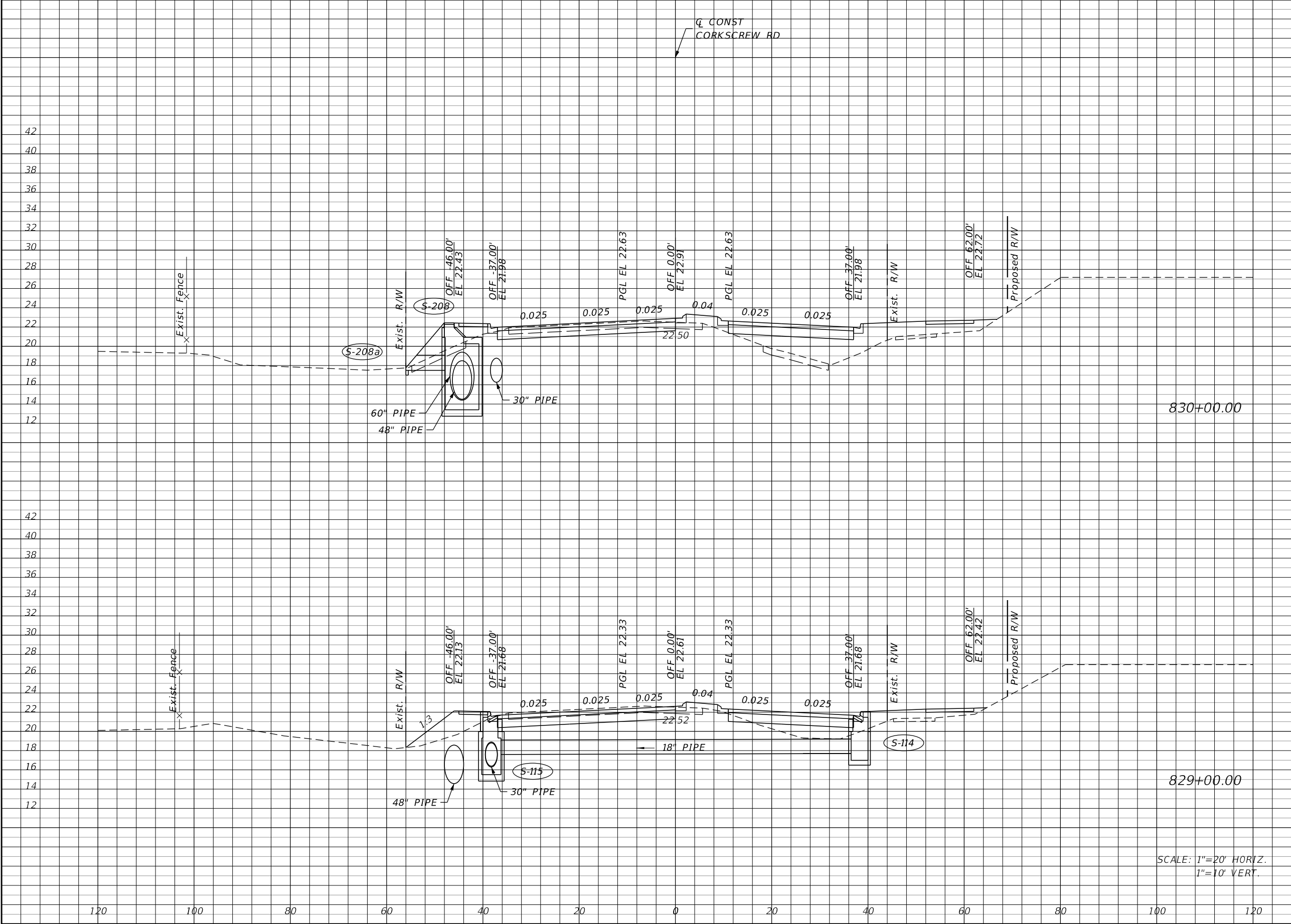
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
84

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
19		96	111	335
33		104	70	283

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

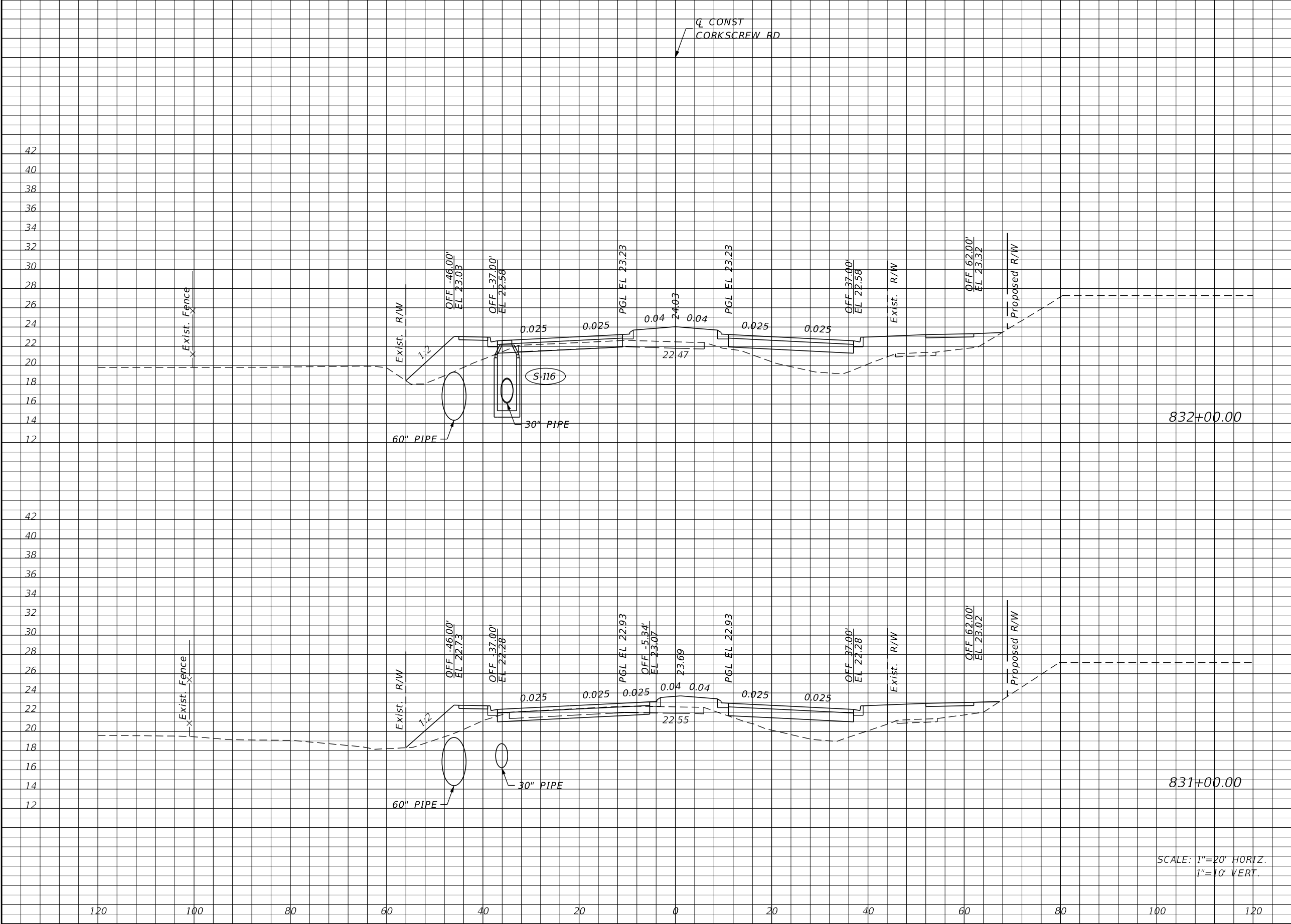
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
85

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
2		22	159	526
10		54	125	437

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
LEE 20192030-000

CROSS SECTIONS
CORKSCREW ROAD

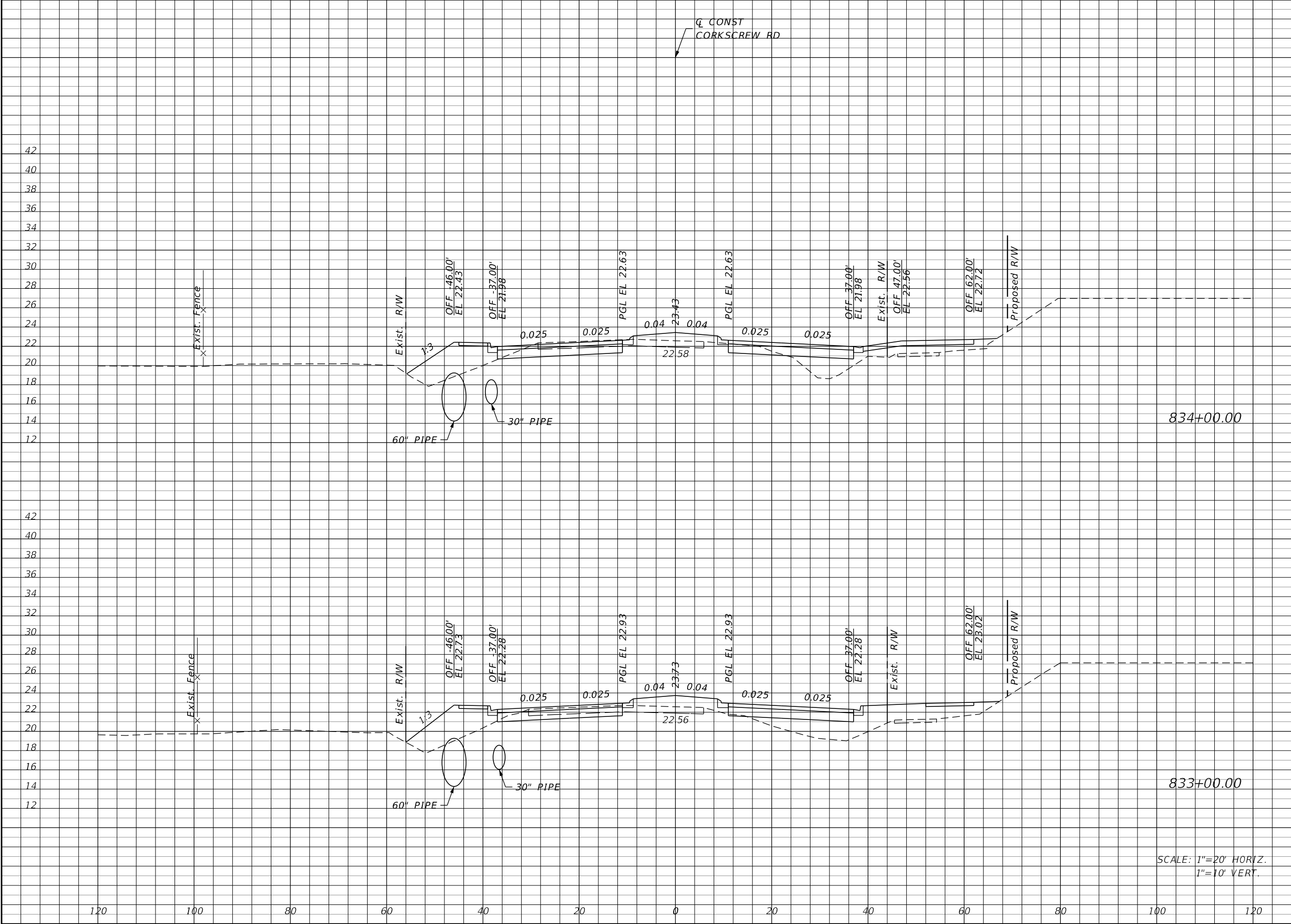
SHEET NO.
86

LTW

12/7/2022 2:55:37 PM Rdxsrd_shg

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
27		74	97	437
13		28	139	552

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

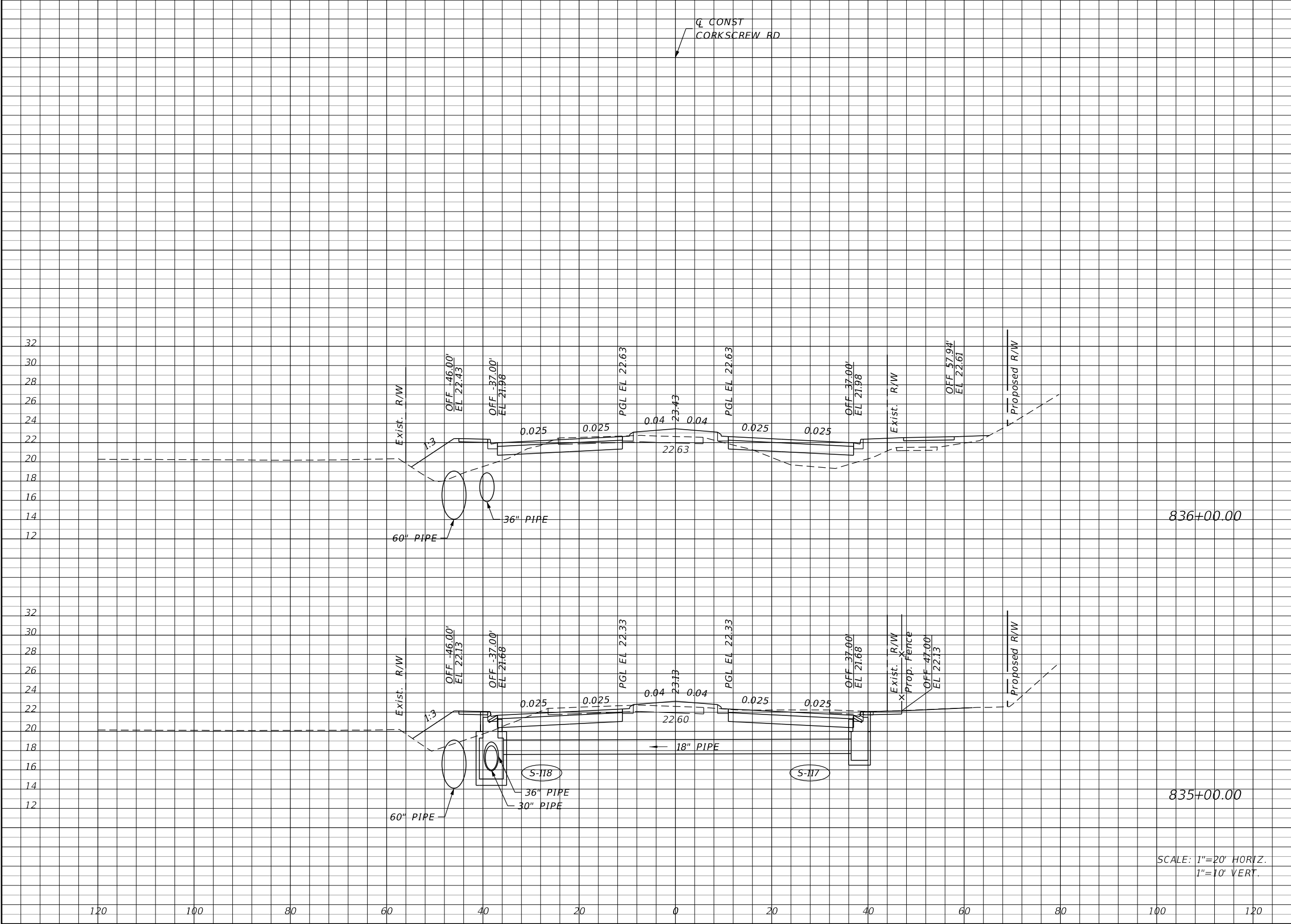
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
87

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
18		157	109	285
67		174	45	263

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

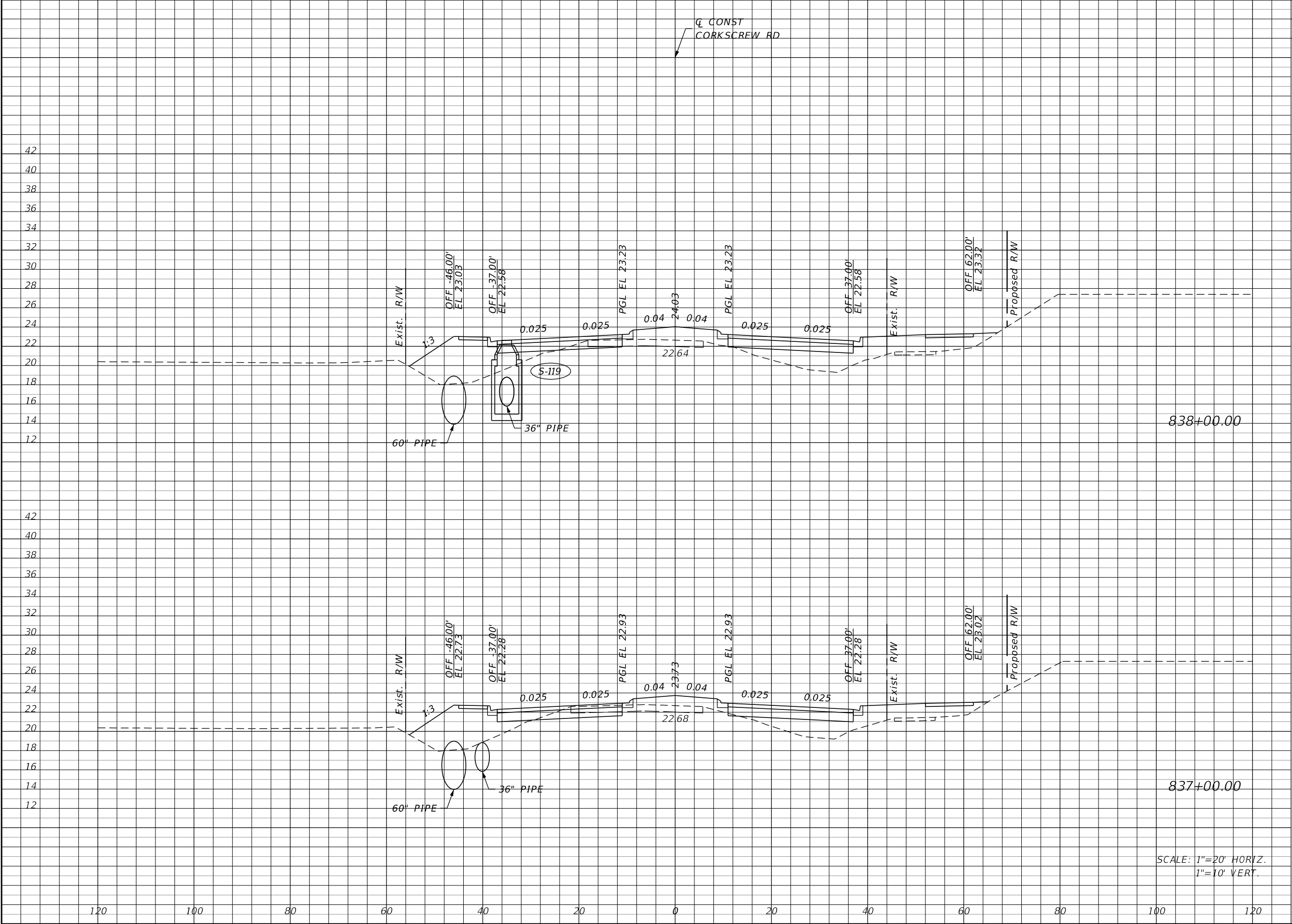
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
88

12772022 2:55:38 PM Rdxsrd_shg

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Regular		Exc.	Embankment	
A		V	A	V
4		26	177	594
10		52	144	469

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

CROSS SECTIONS
CORKSCREW ROAD

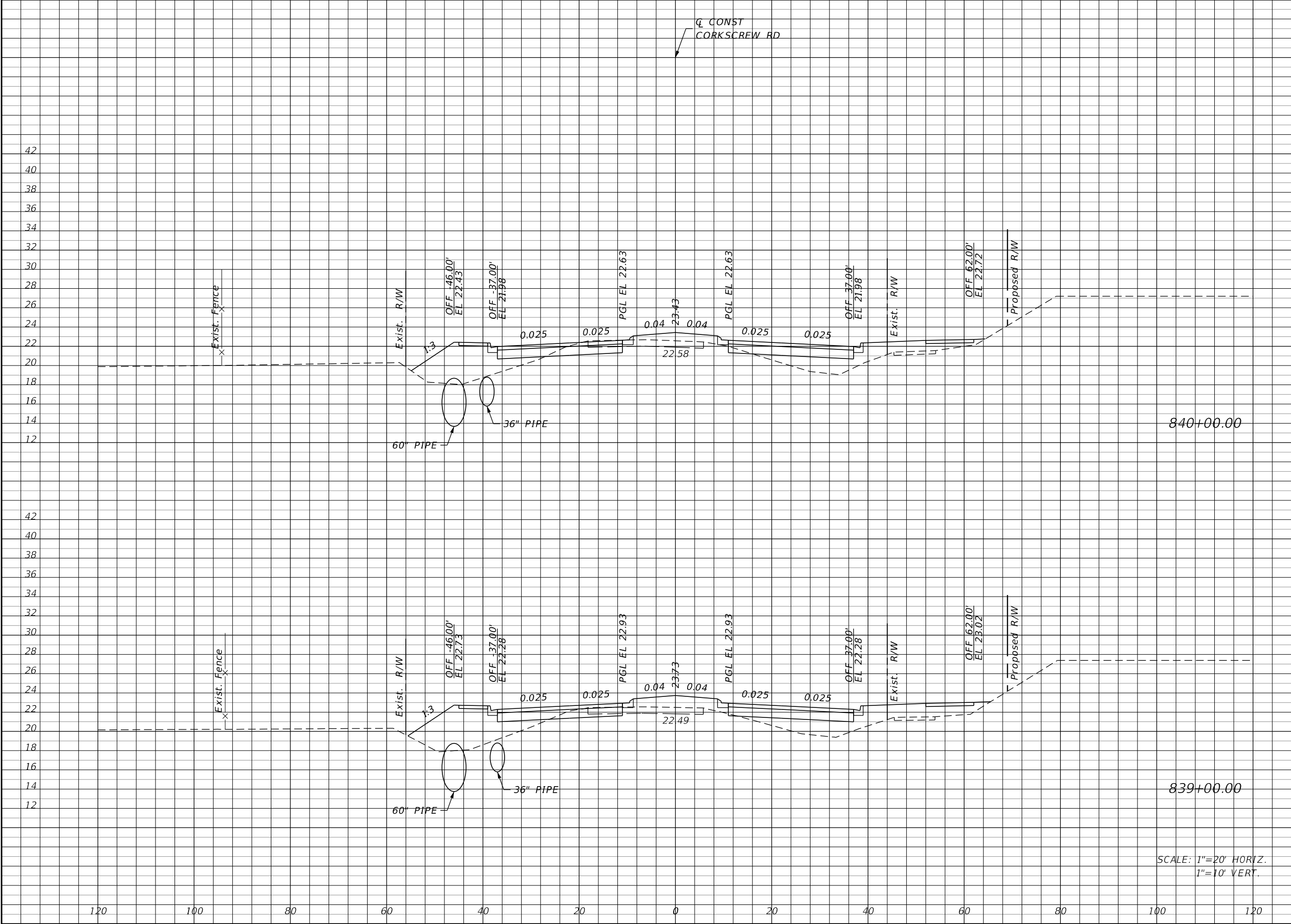
SHEET NO.
89

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Regular		Exc.	Embankment	
A		V	A	V
14		39	122	507
7		20	152	609

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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RYAN K. BELL, P.E. NO. 60010

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DEPARTMENT OF TRANSPORTATION

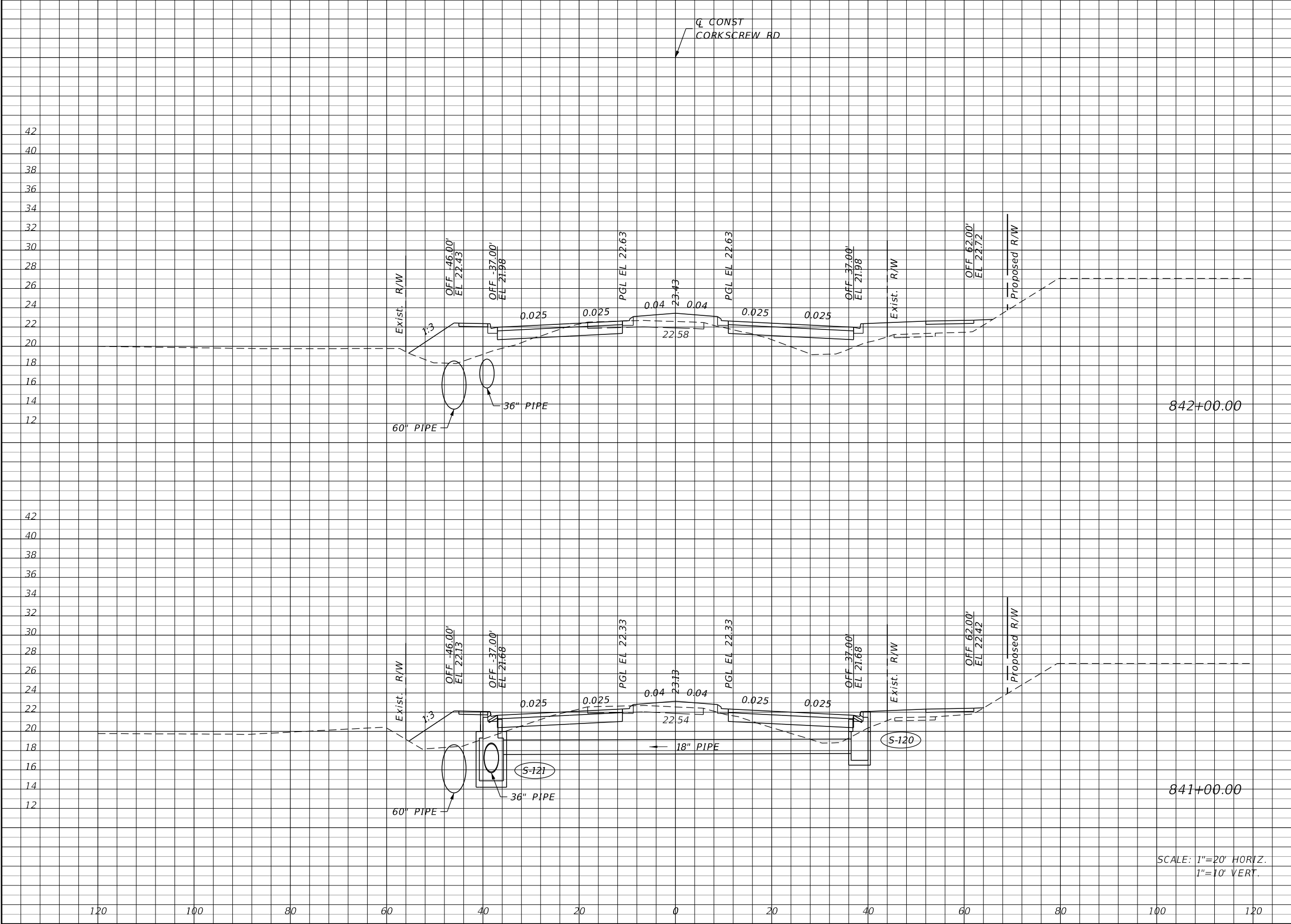
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.

90

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Regular		Exc.	Embankment	
A		V	A	V
14		69	122	406
23		69	97	406

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

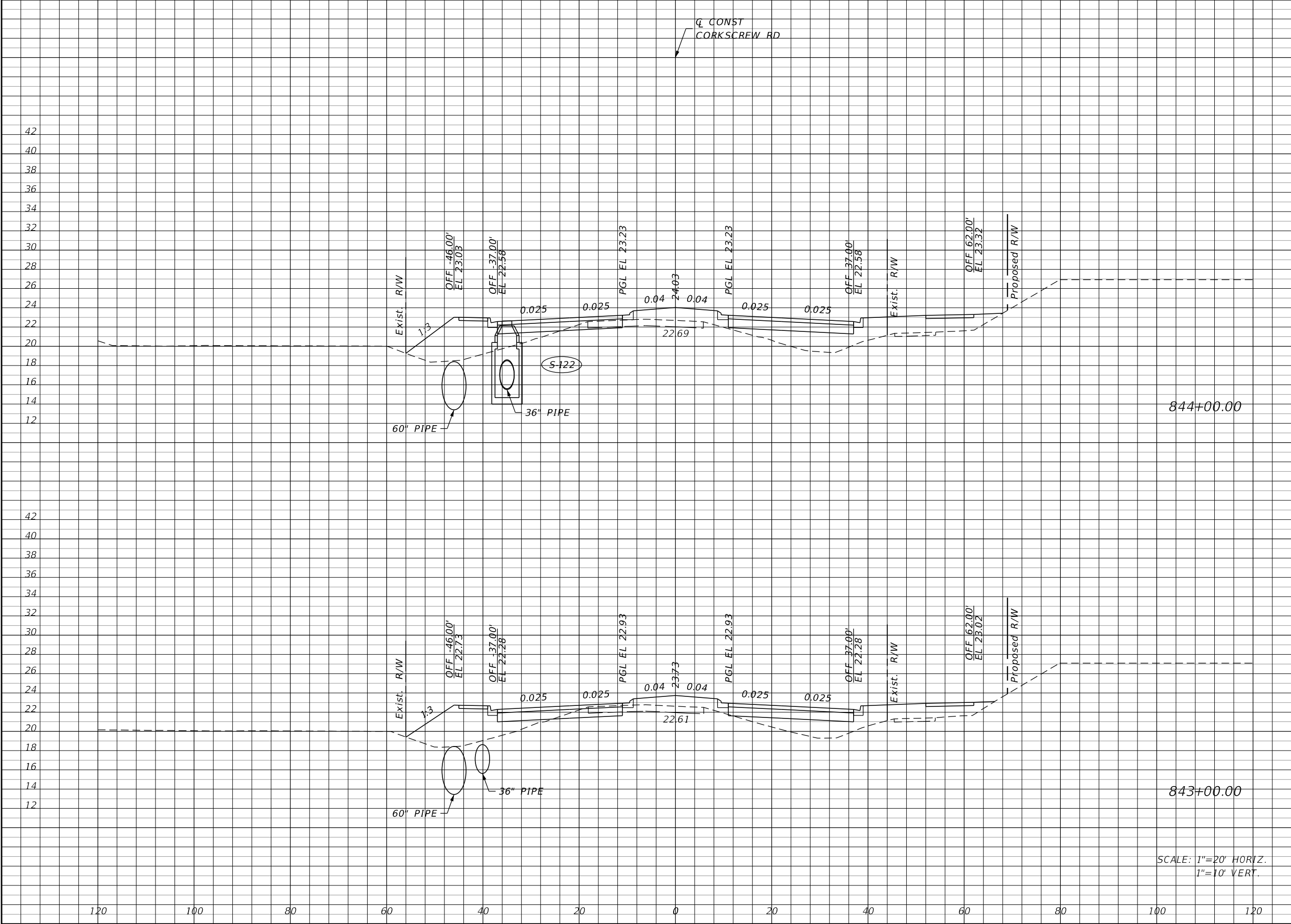
JOHNSON
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LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
91

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Regular		Exc.	Embankment	
A		V	A	V
3		19	174	598
7		39	149	502

REVISIONS			
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ROAD NO. COUNTY FINANCIAL PROJECT ID
LEE 20192030-000

CROSS SECTIONS
CORKSCREW ROAD

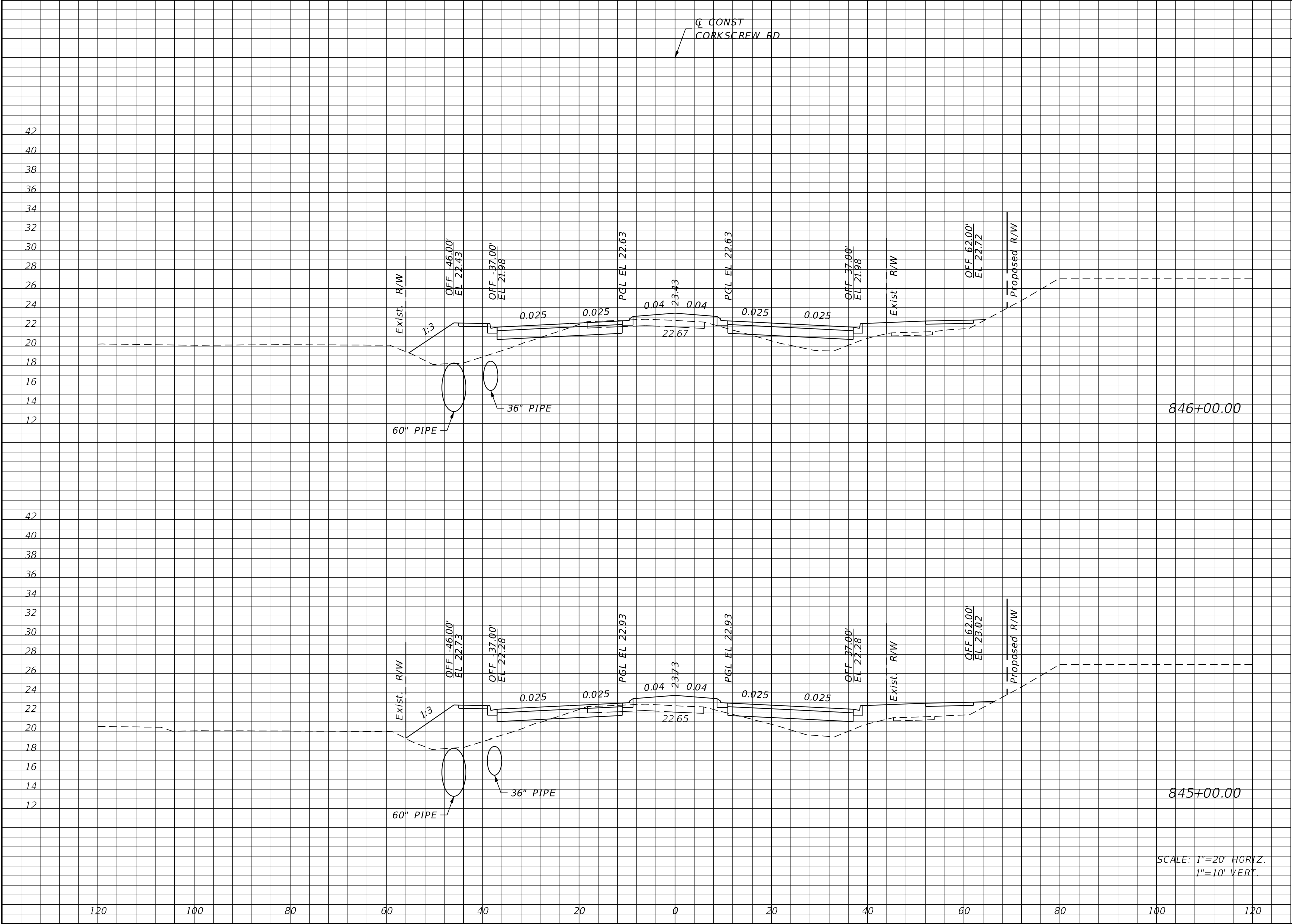
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92

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Regular		Exc.	Embankment	
A		V	A	V
13		39	113	474
8		20	143	587

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
LEE 20192030-000

CROSS SECTIONS
CORKSCREW ROAD

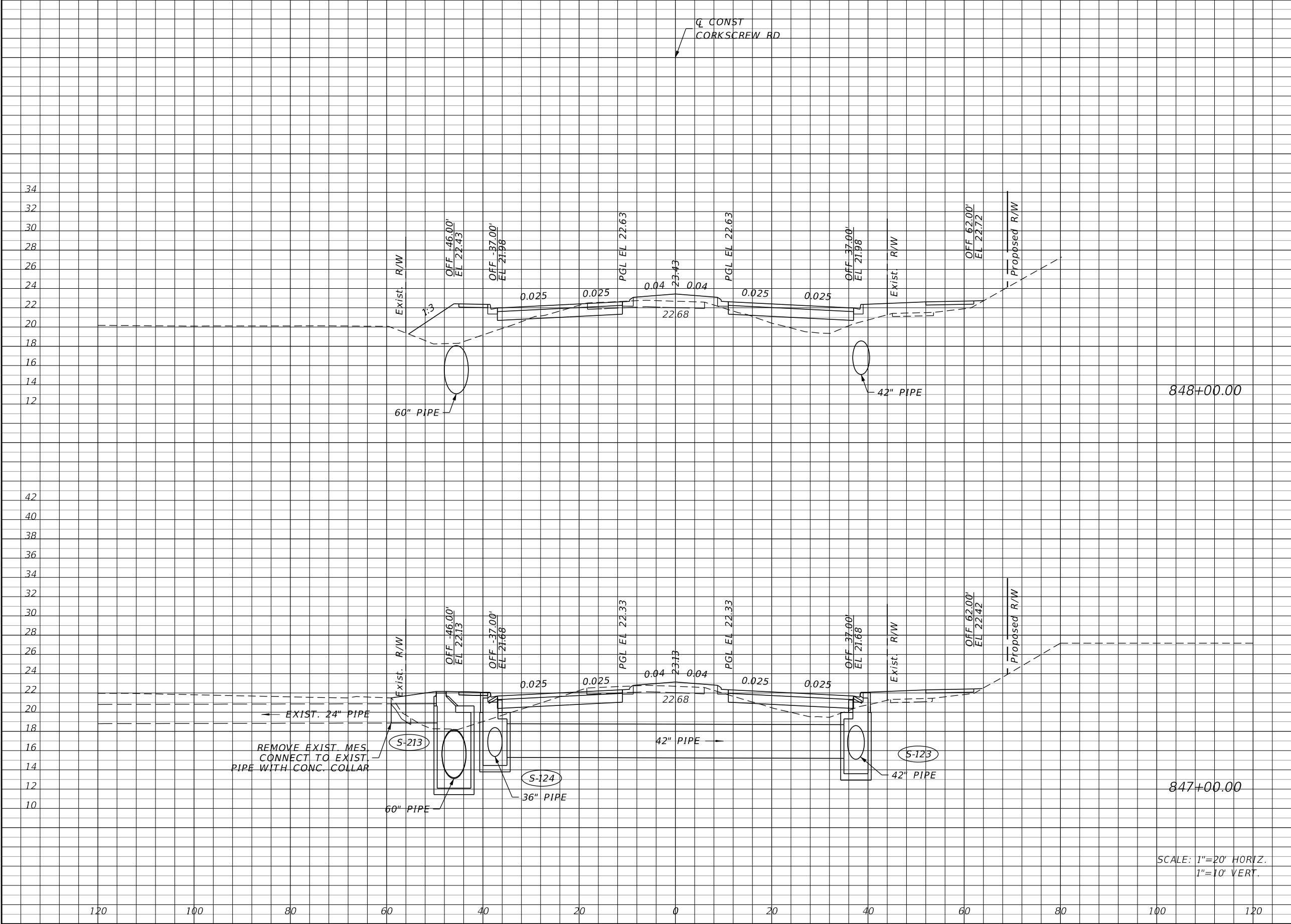
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93

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Regular		Exc.	Embankment	
A		V	A	V
14		63	109	391
20		61	102	398

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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FORT MYERS, FL 33901
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RYAN K. BELL, P.E. NO. 60010

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DEPARTMENT OF TRANSPORTATION

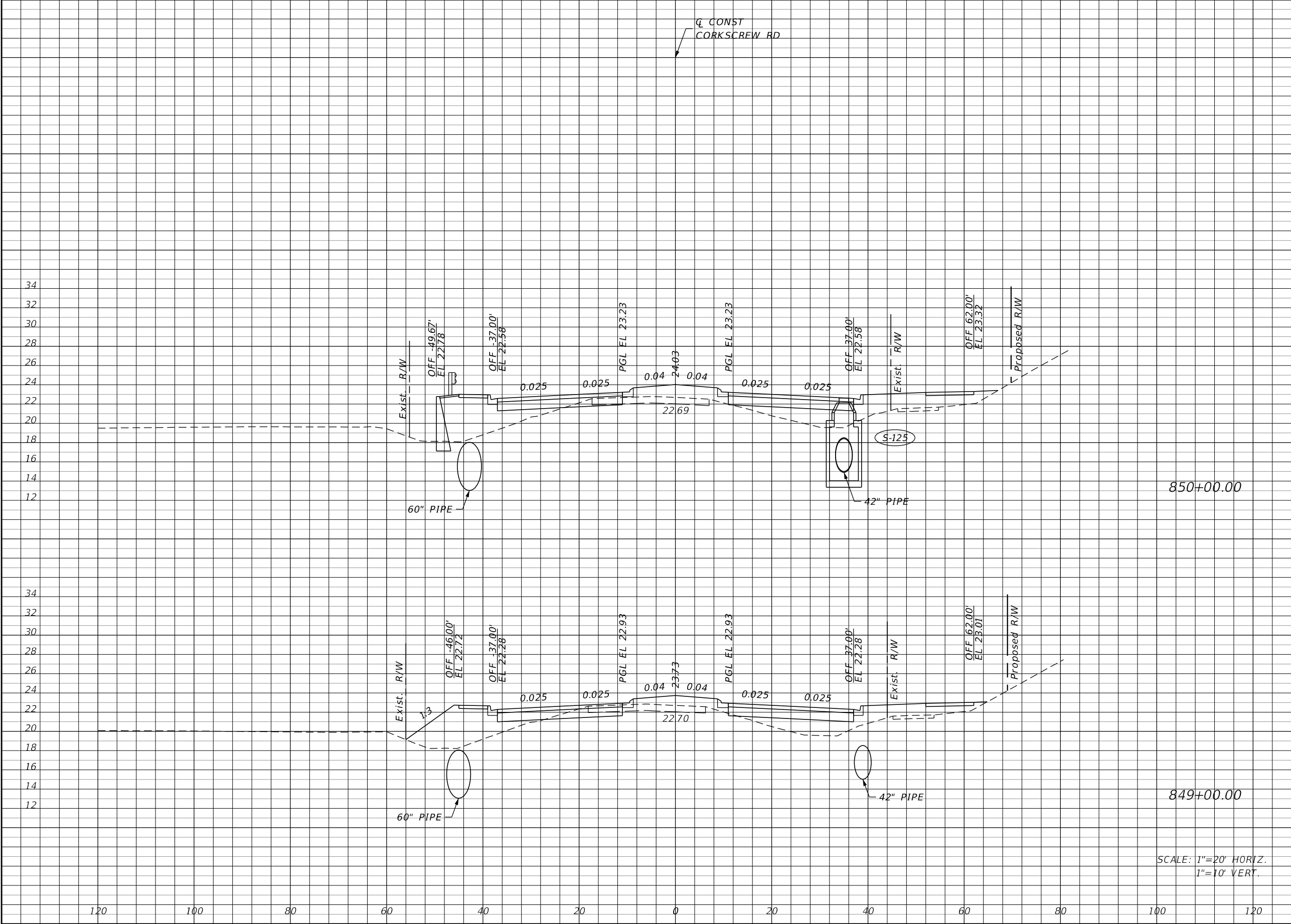
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.

94

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A		V	A	V
6		28	152	526
9		43	132	446

REVISIONS	
DATE	DESCRIPTION

JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	
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LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS CORKSCREW ROAD	
95	

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON

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2122 JOHNSON STREET

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EB 642 & LB 642

RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS

DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

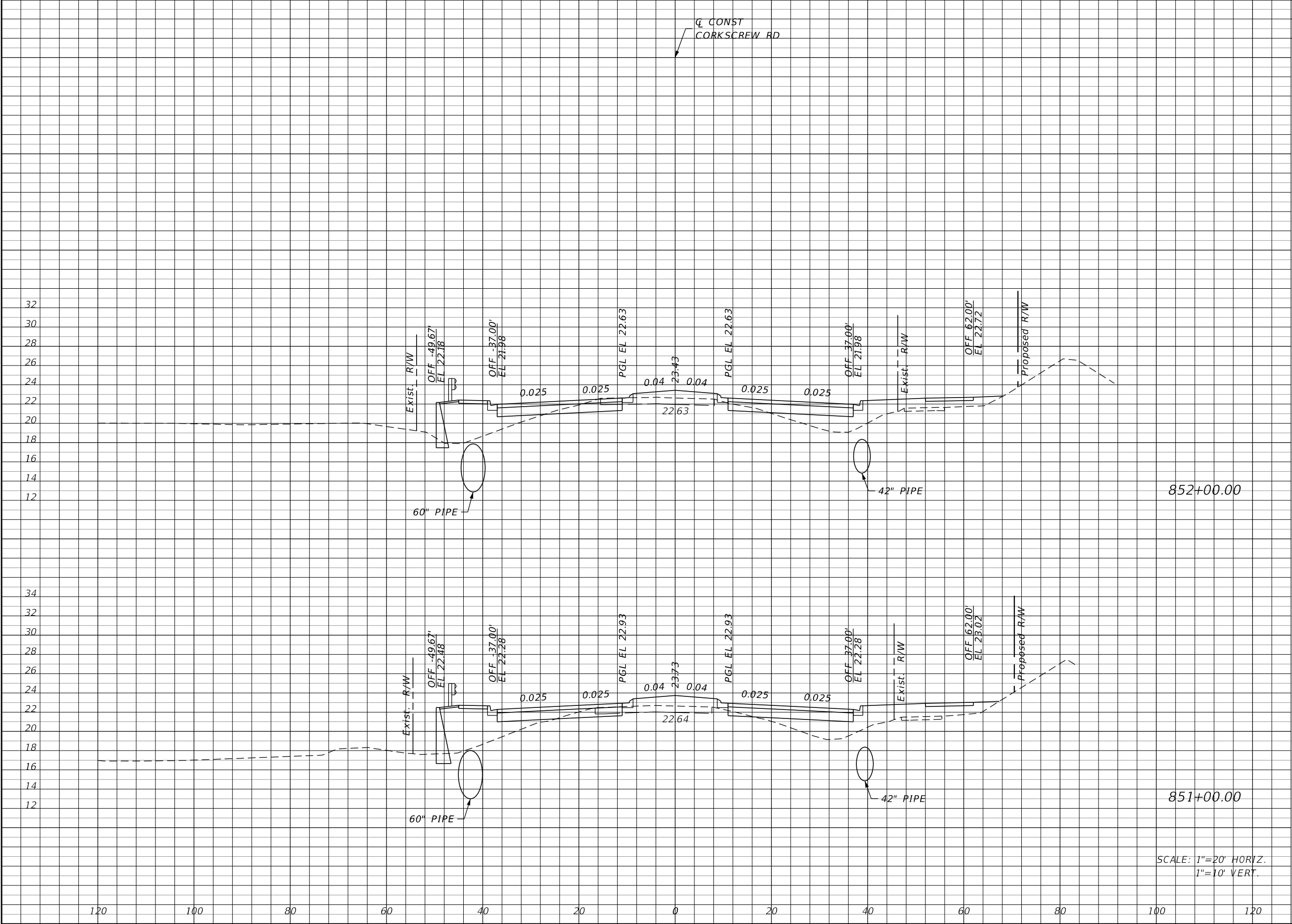
20192030-000

CROSS SECTIONS

CORKSCREW ROAD

95

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Regular		Exc.	Embankment	
A		V	A	V
17		50	110	450
10		30	133	528

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

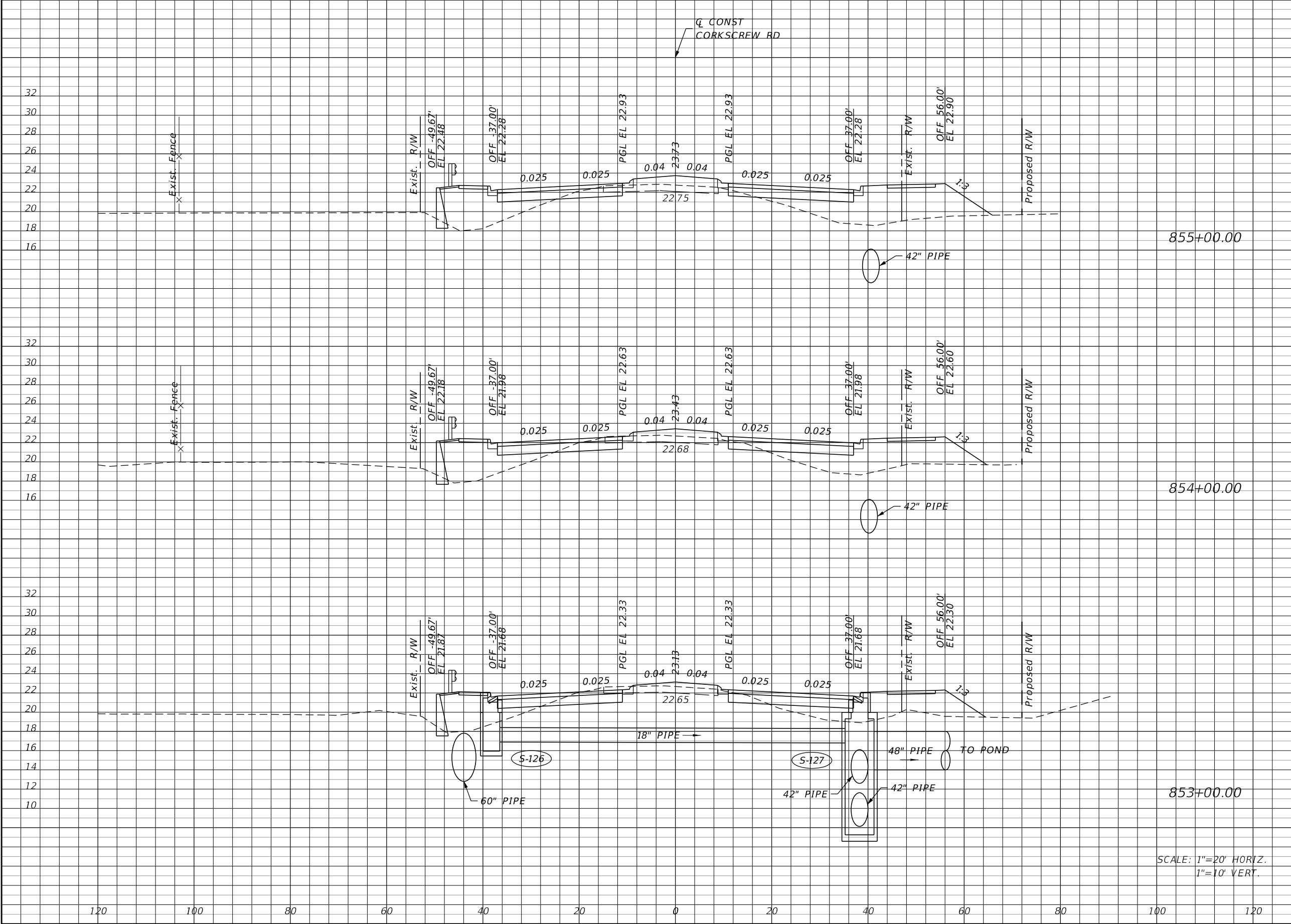
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
96

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Regular		Exc.	Embankment	
A		V	A	V
12		54	180	619
17		76	154	513
24		76	123	431

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

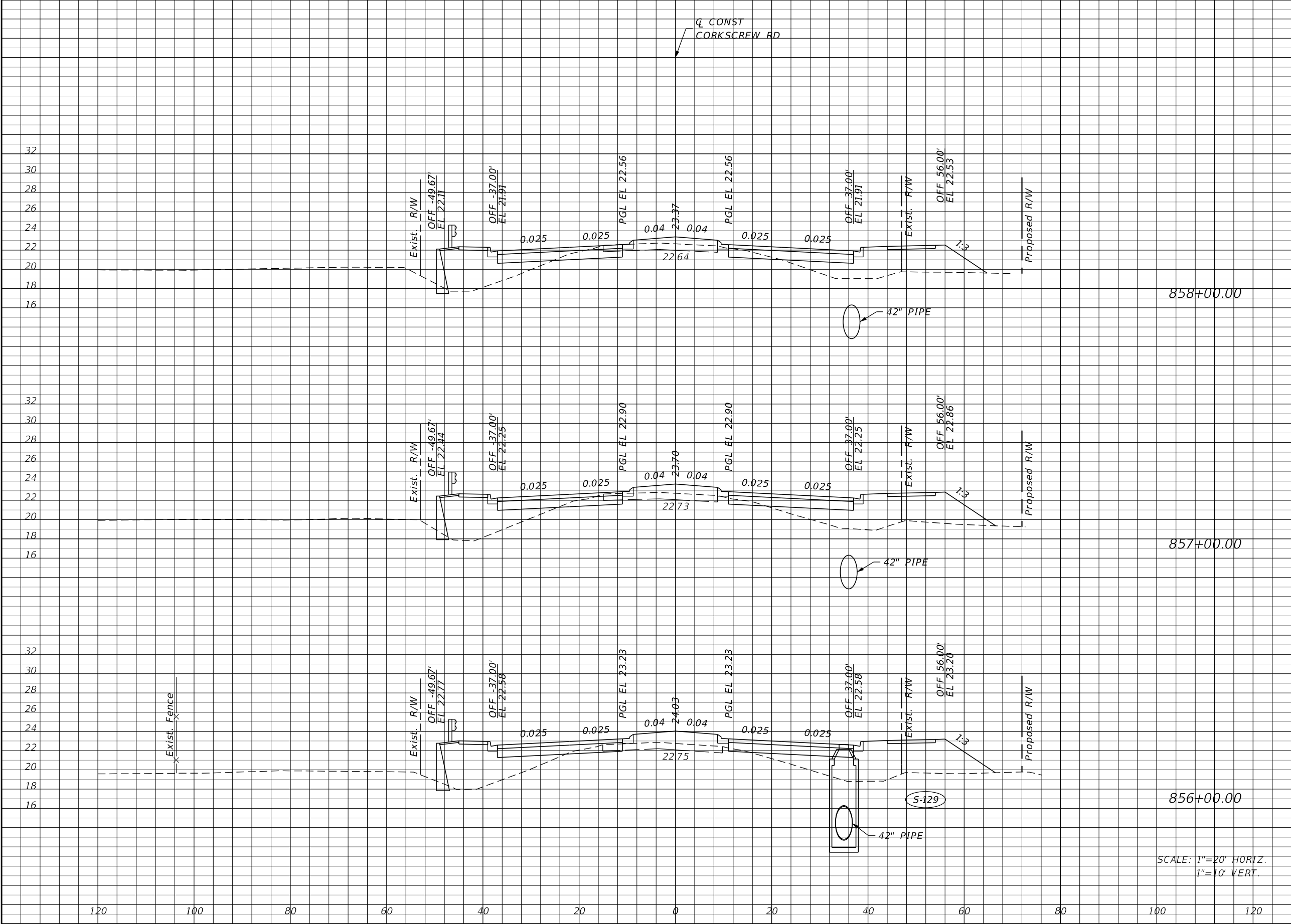
JOHNSON
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EB 642 & LB 642
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LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

**CROSS SECTIONS
CORKSCREW ROAD**

SHEET
NO.
97

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Regular		Exc.	Embankment	
A		V	A	V
18		56	144	580
12		33	169	685
6		33	201	706

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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2122 JOHNSON STREET
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RYAN K. BELL, P.E. NO. 60010

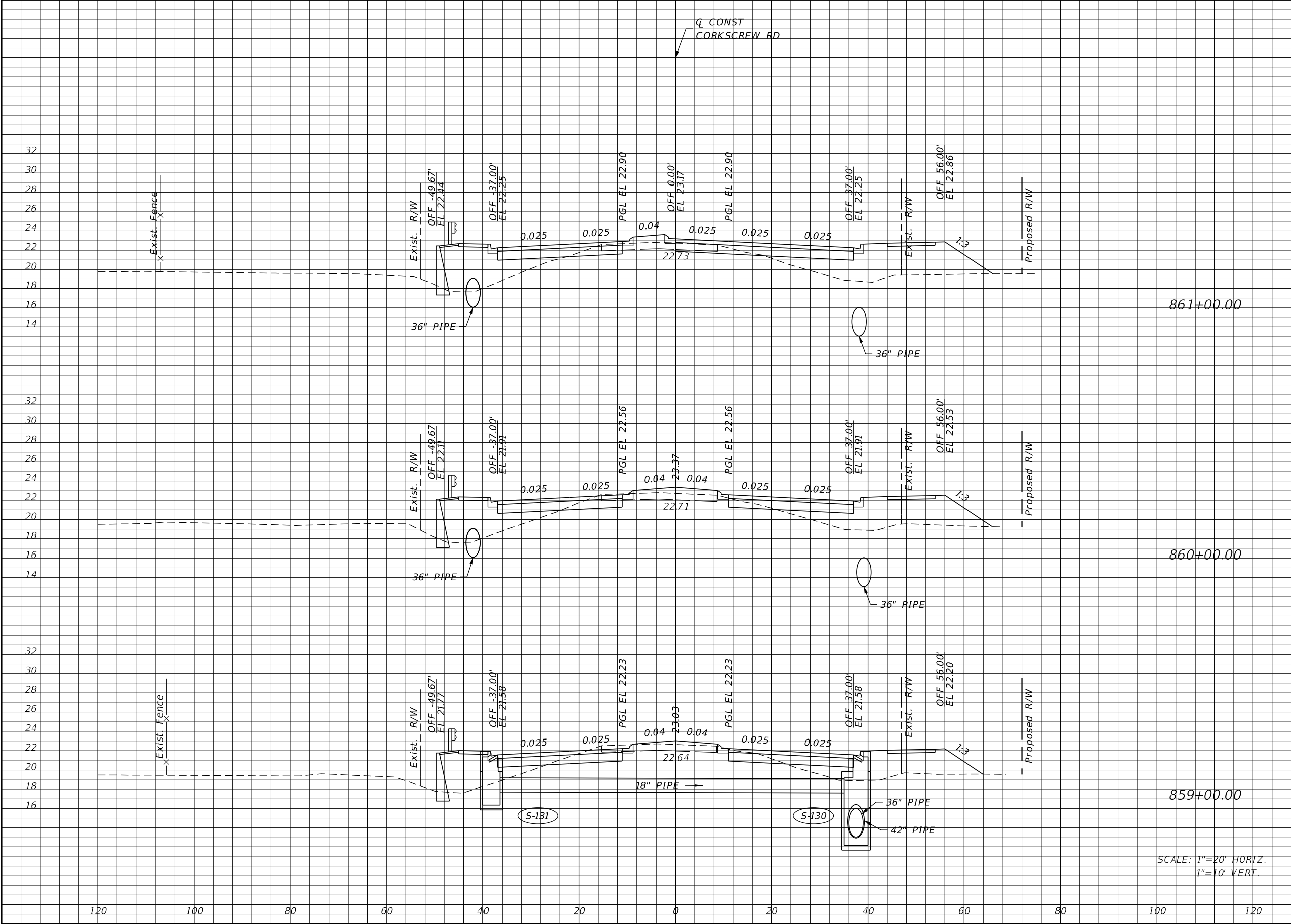
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
98

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Regular		Exc.	Embankment	
A		V	A	V
13	861+00.00	56	169	593
17	860+00.00	81	151	504
27	859+00.00	83	121	491

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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2122 JOHNSON STREET
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RYAN K. BELL, P.E. NO. 60010

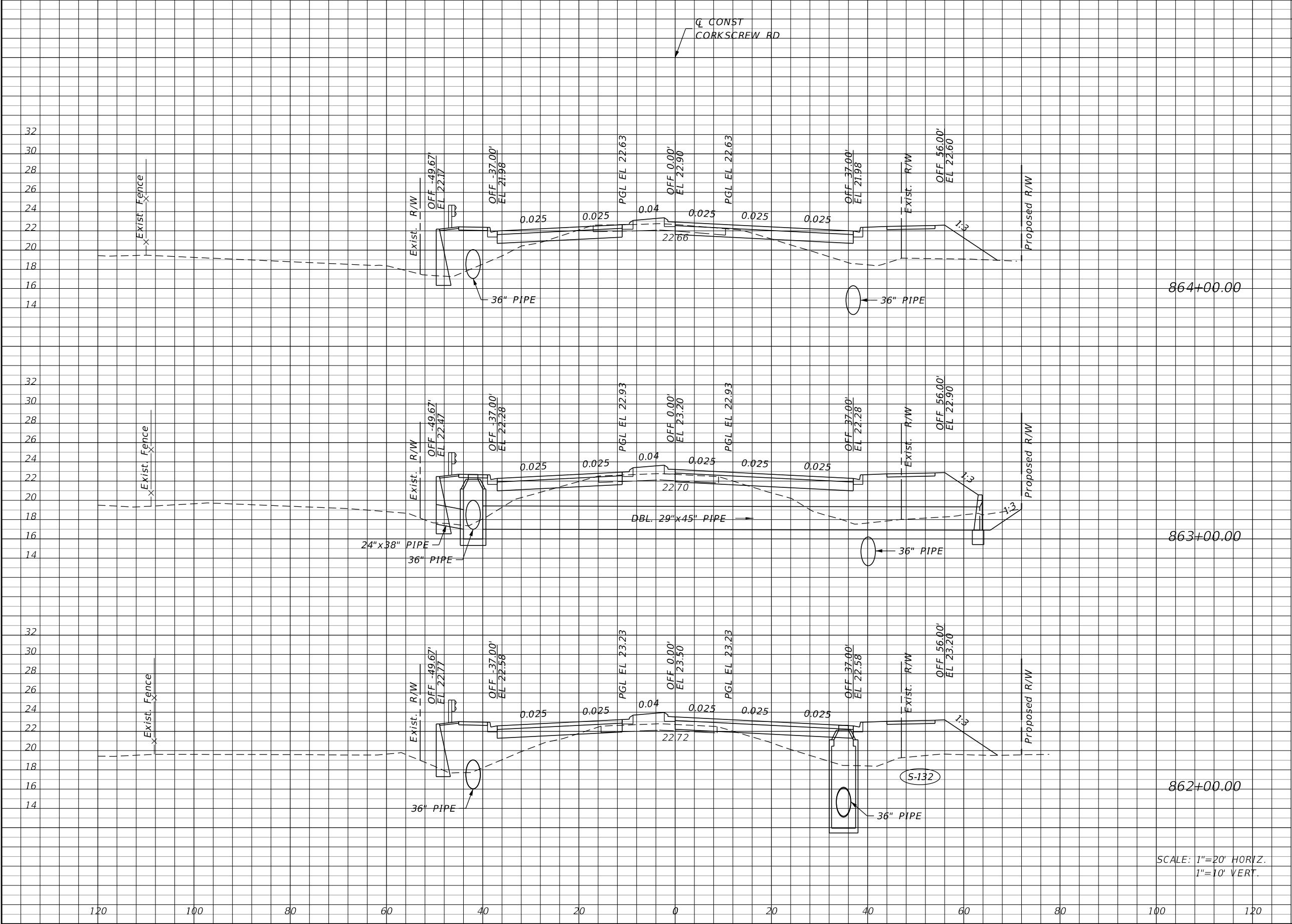
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
99

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Regular		Exc.	Embankment	
A		V	A	V
22		63	152	680
12		31	215	778
5		33	205	693

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

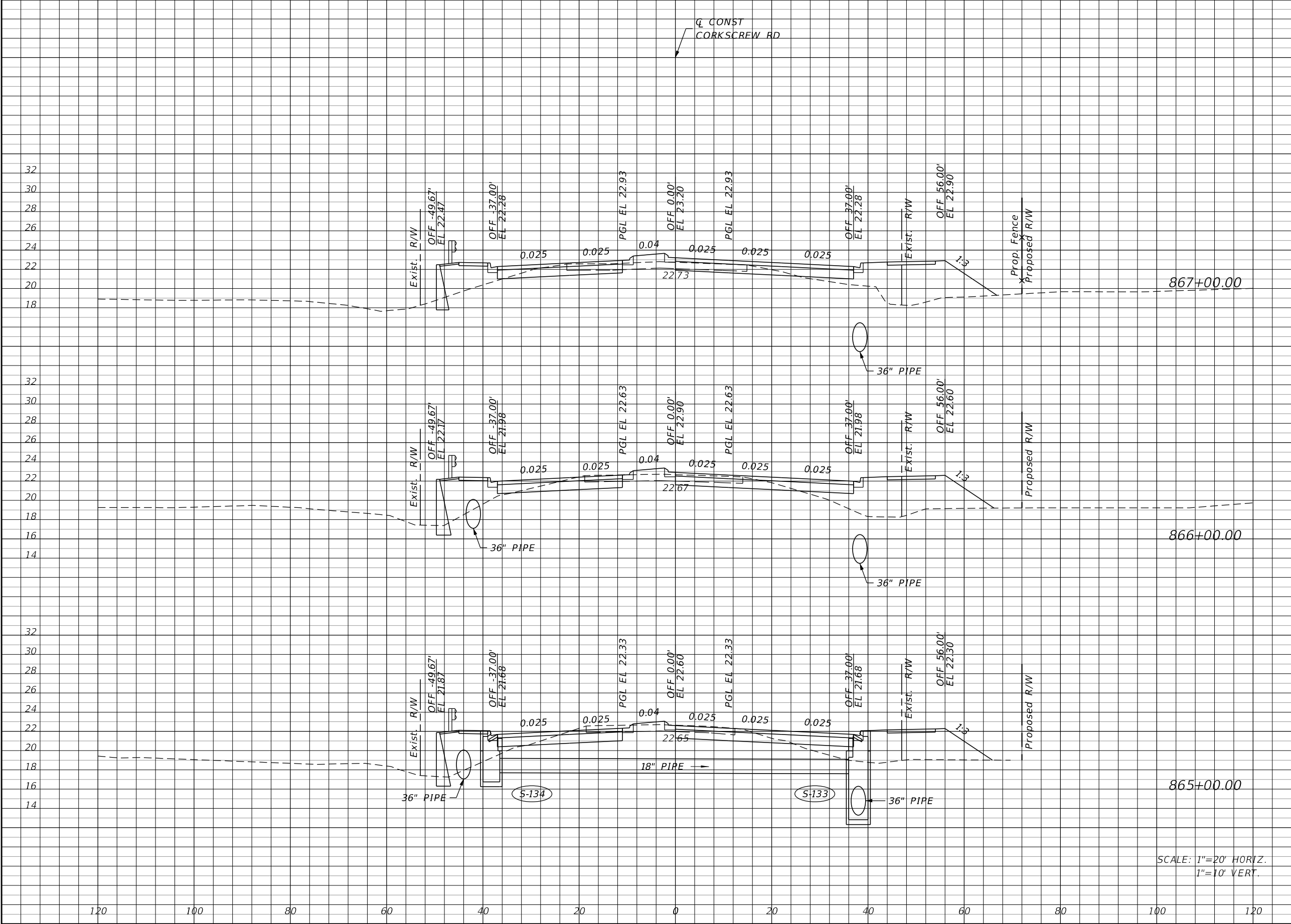
JOHNSON
ENGINEERING
2122 JOHNSON STREET
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EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET
NO.
100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

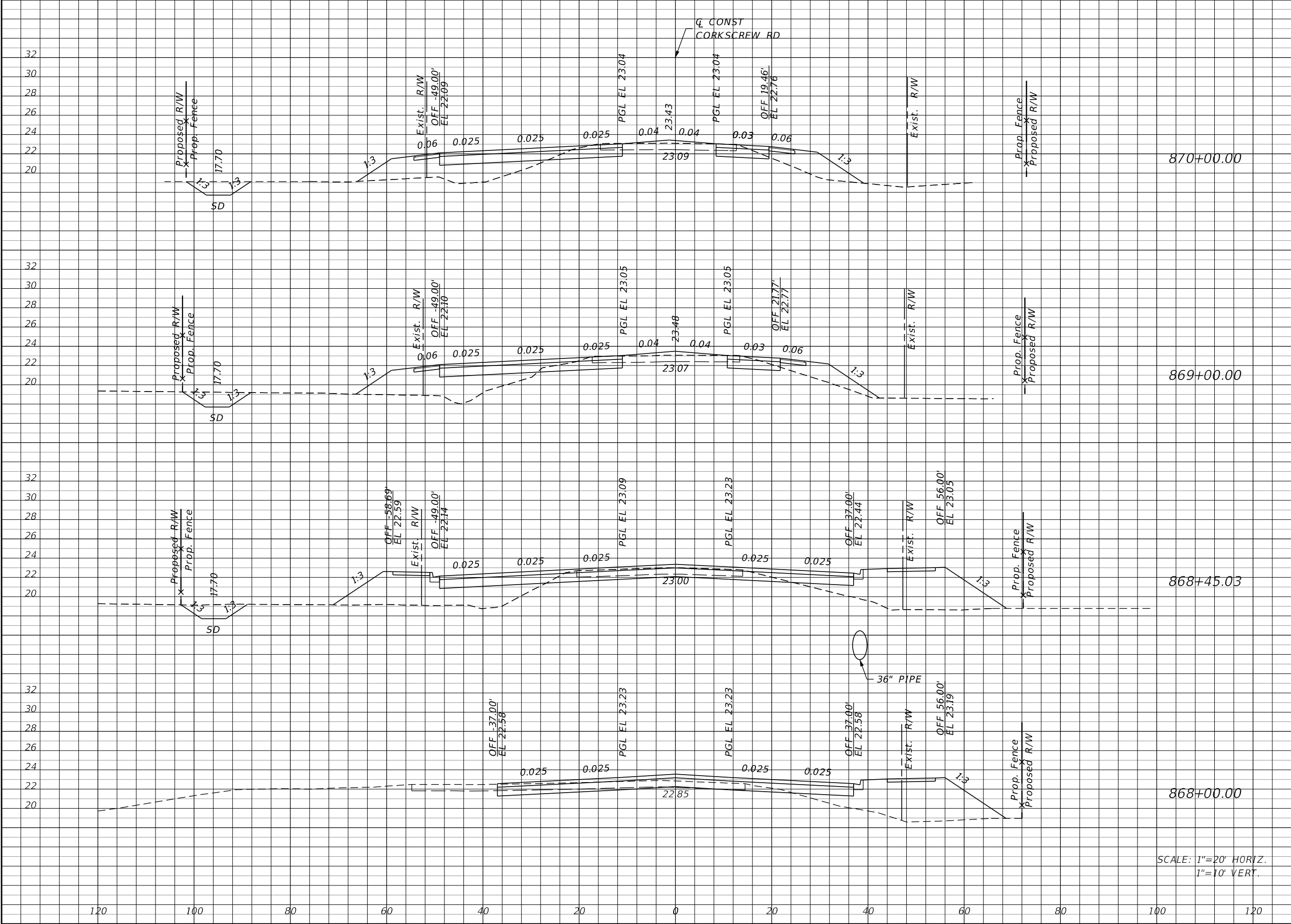


Regular		Exc.	Embankment	
A		V	A	V
26	109	121	467	
33	131	131	470	
38	111	123	509	

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS CORKSCREW ROAD		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			101

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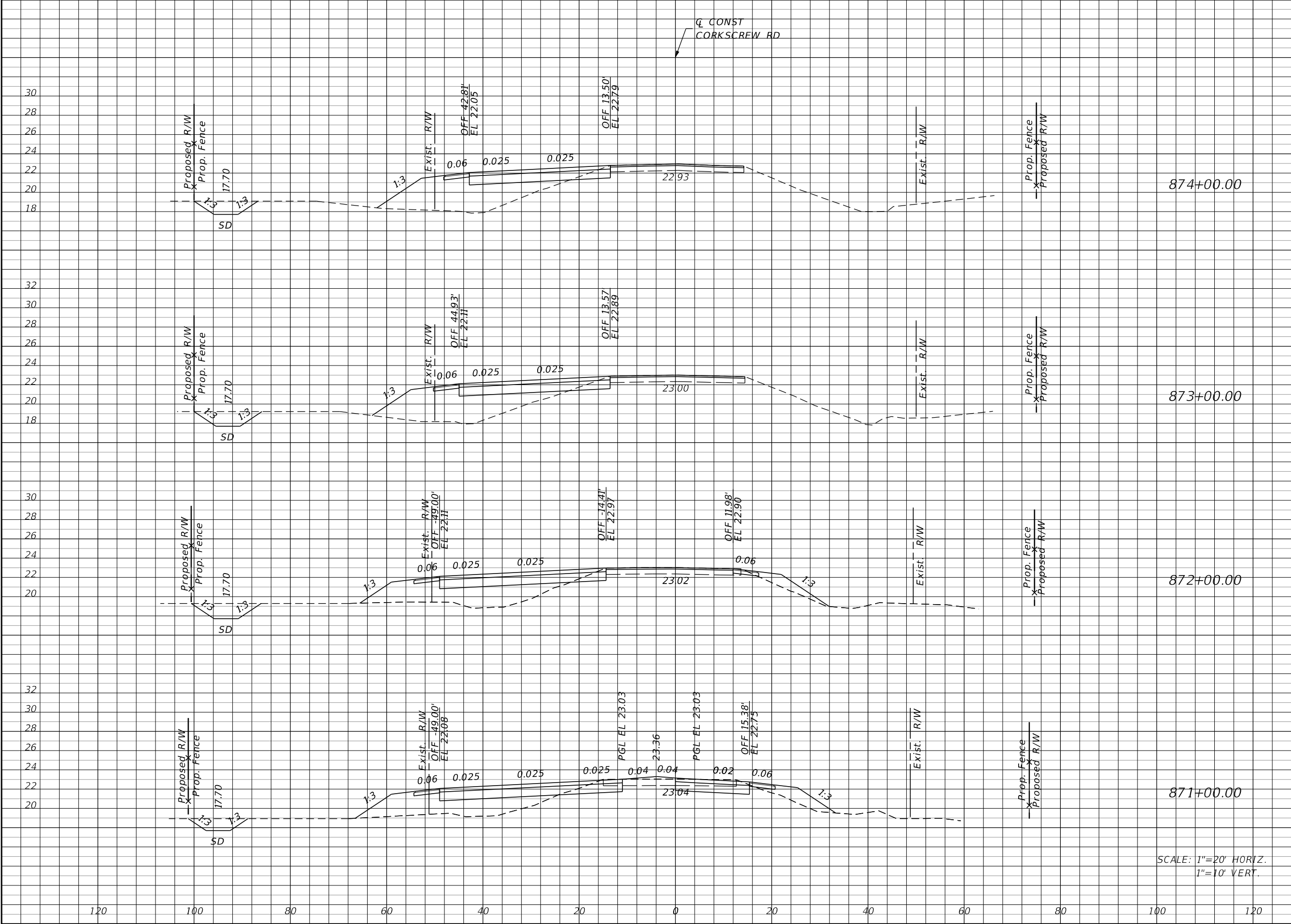


Regular		Exc.	Embankment	
A		V	A	V
21		80	92	352
22		45	98	299
22		31	196	254
15		76	108	424

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS CORKSCREW ROAD		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			102

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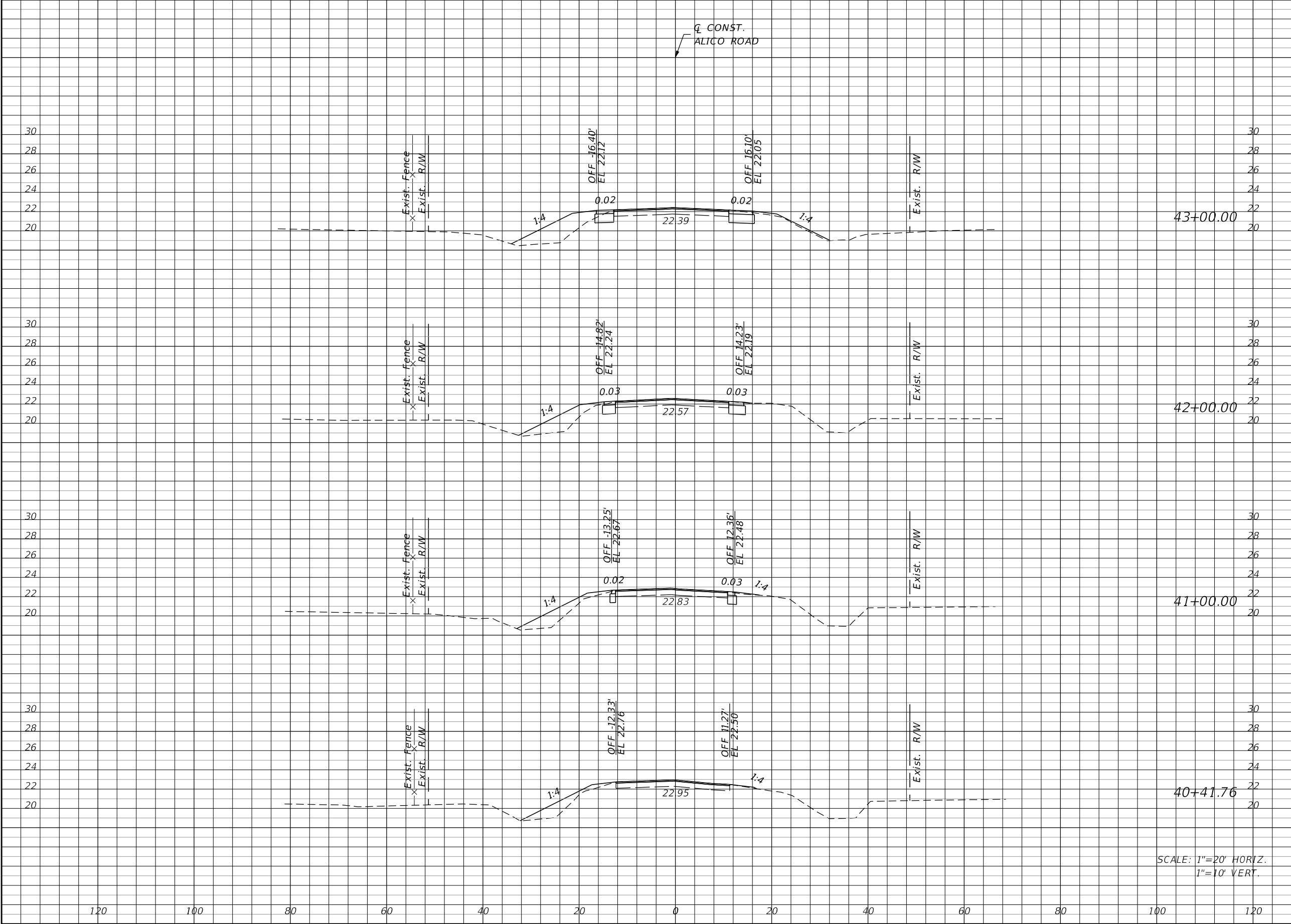


Regular		Exc.	Embankment	
A		V	A	V
5		19	84	311
5		39	84	302
16		67	79	294
20		76	80	319

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS CORKSCREW ROAD		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			103

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

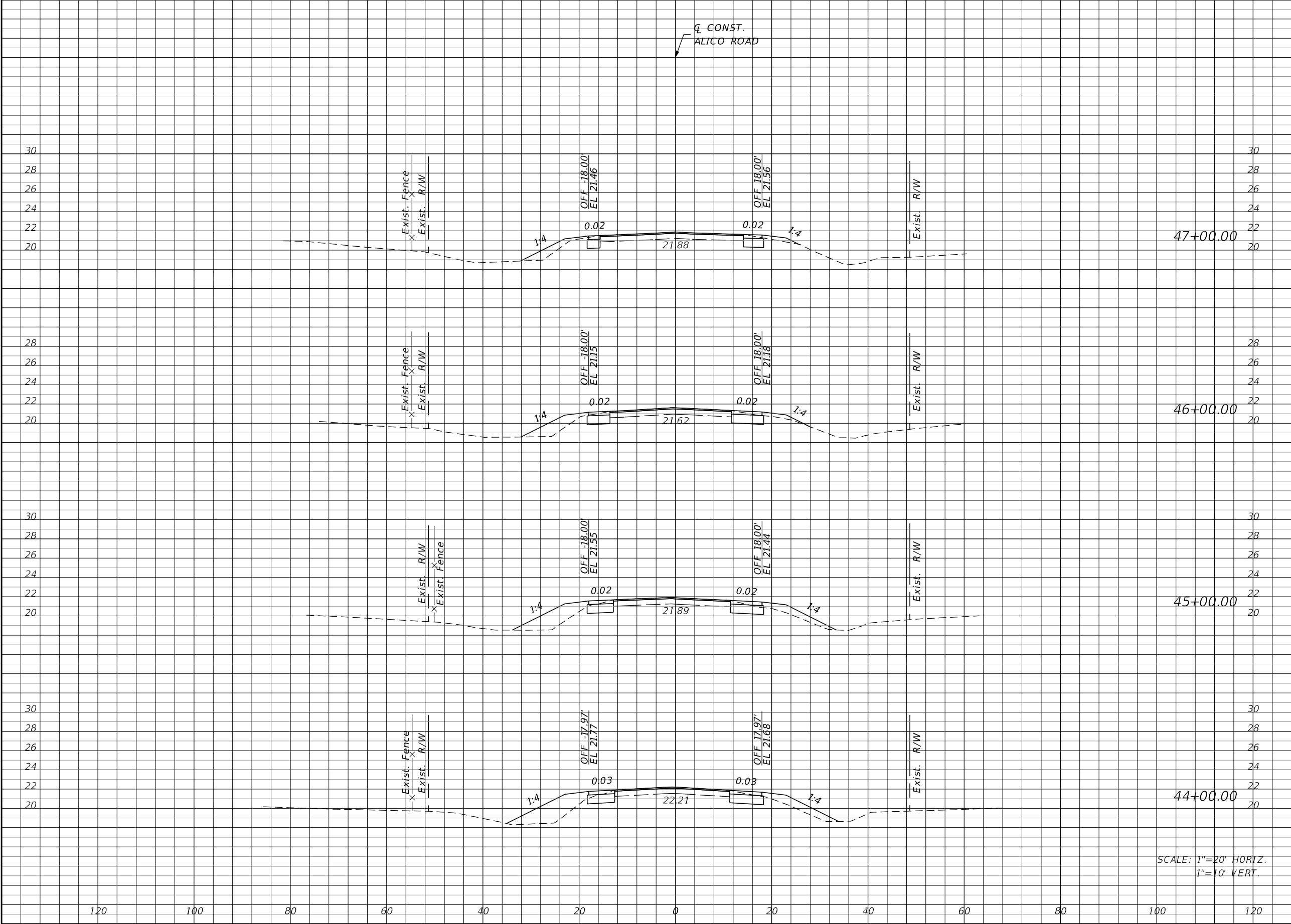


Regular		Exc.	Embankment	
A	V		A	V
10	31		28	85
7	20		18	63
4	4		16	31
0	0		13	0

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS ALICO ROAD		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			105

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Regular		Exc.	Embankment	
A	V		A	V
8		39	10	46
13		46	15	81
12		46	29	119
13		43	35	117

SCALE: 1"=20' HORIZ.
1"=10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

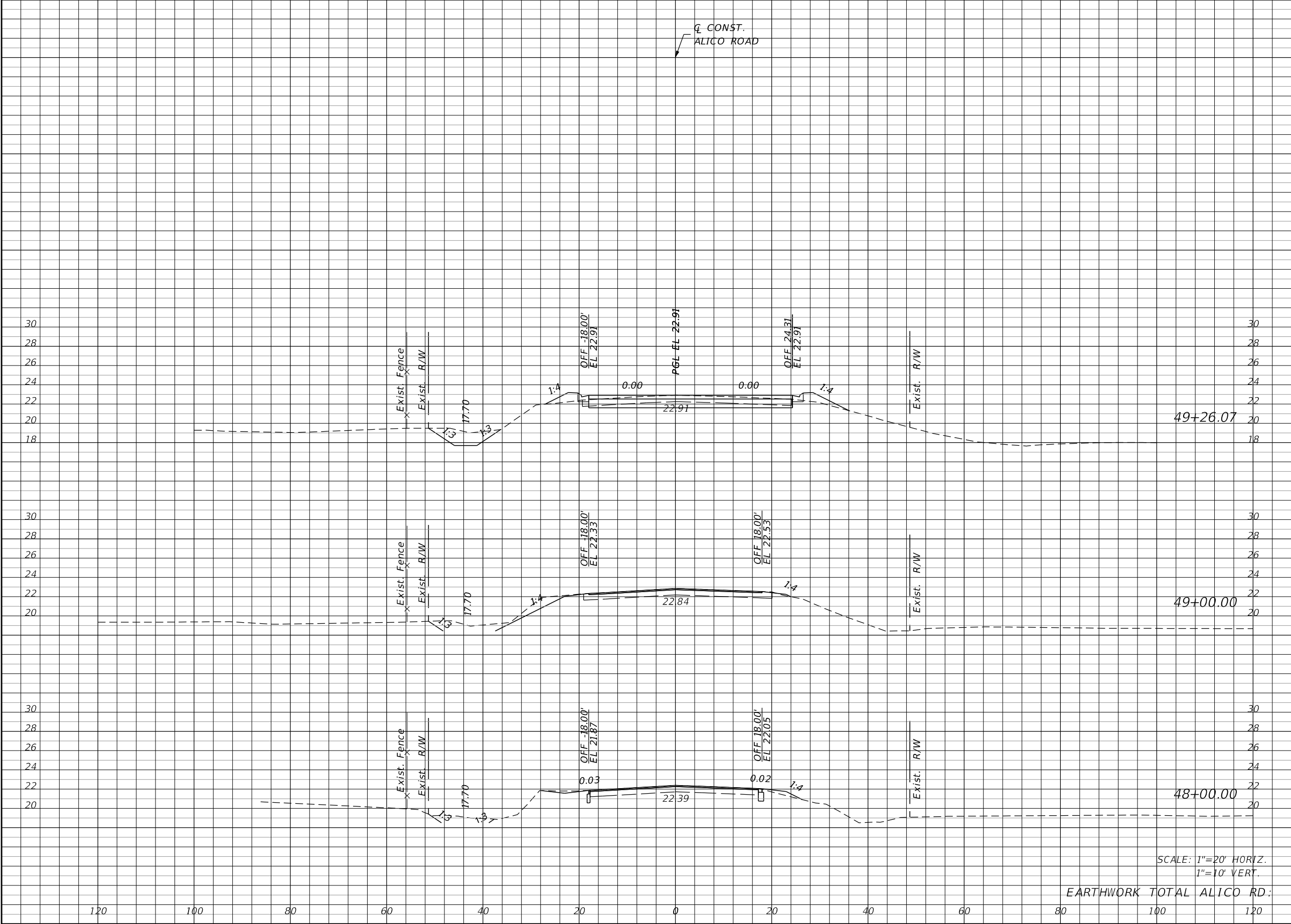
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
ALICO ROAD

SHEET NO.
106

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Regular		Exc.	Embankment	
A	V		A	V
19	13		9	4
7	19		0	4
3	20		2	22
		278		
		572		

REVISIONS	
DATE	DESCRIPTION

JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	
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LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS ALICO ROAD	
107	

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(3) STRUCTURAL PRACTICES INCLUDE:

- (a) STAKED SILT FENCES
- (b) SYNTHETIC BALES
- (c) SOIL TRACKING PREVENTION DEVICES AT CONSTRUCTION ENTRANCES/EXITS
- (d) FLOATING TURBIDITY BARRIER
- (e) STAKED TURBIDITY BARRIER

(4) SILT FENCE LOCATIONS:

- (a) STAKED SILT FENCE SHALL BE LOCATED AT MINIMUM AS SHOWN IN THE EROSION CONTROL PLANS.
- (b) STOCKPILE AREAS SHALL INCLUDE STAKED SILT FENCE AROUND THE PERIMETER.

(5) SYNTHETIC BALE LOCATIONS:

GENERALLY, SYNTHETIC BALES SHALL BE INSTALLED AT PROPOSED INLET LOCATIONS AND AS DITCH BLOCKS TO AVOID DOWNSTREAM SILTATION. DITCH BLOCKS SHOULD BE LOCATED APPROXIMATELY EVERY 300 FEET OR 90 M.

(6) CONSTRUCTION ENTRANCES/EXITS:

SOIL TRACKING PREVENTION DEVICES (INDEX 106) SHALL BE PROVIDED FOR BOTH ON-SITE AND OFF-SITE LOCATIONS OF STOCKPILED OR EXCAVATED MATERIAL, INCLUDING PROPOSED POND SITES. IF IMMEDIATELY ADJACENT TO A PUBLIC ROADWAY, THE ENGINEER SHALL BE RESPONSIBLE FOR MODIFYING THE SYSTEM OR PROCEDURES AS NEEDED.

(7) TURBIDITY BARRIER LOCATION:

- (a) STAKED TURBIDITY BARRIER IS TO BE USED IN AREAS WHERE WATER BODIES ARE LESS THAN 0.91 M (3 FEET) DEEP.
- (b) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS.
- (c) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF SOILS HAVE BEEN ACHIEVED.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL:

- (a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
- (b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- (c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS SHALL BE DISCHARGED TO WETLANDS OR BURIED ON-SITE.
- (d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

(2) OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:

- (a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPULIN AT ALL TIMES.
- (b) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.

(3) STATE AND LOCAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES:

FDEP (NPDES) (CONTRACTOR TO OBTAIN)

(4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE COUNTY WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES.

IV. MAINTENANCE:

- (1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED.

(2) THE FOLLOWING PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

GENERAL - ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.

(3) STRUCTURAL PRACTICES:

SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. STAKED SILT FENCES SHALL BE REPLACED EVERY TWELVE (12) MONTHS OR WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

V. INSPECTION:

- (1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT. ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR.

- (2) ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.

- (3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.

VI. TRACKING AND REPORTING:

- (1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE COUNTY DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.

- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES.

- (3) THE CONTRACTOR SHALL USE THE CONSTRUCTION INSPECTION REPORT (# 650-040-03) DATED 11/09 FOR DAILY INSPECTIONS.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						LEE	20192030-000			109

I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

NEW CONSTRUCTION AND ROADWAY IMPROVEMENTS FOR CORKSCREW ROAD WIDENING FROM BELLA TERRA BOULEVARD EAST TO ALICO ROAD.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THE EROSION CONTROL PLANS INCLUDED IN THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL ALSO PREPARE A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER. APPLICABLE EROSION CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL. THE ENGINEER IS RESPONSIBLE FOR DETERMINING IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND TO OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION CONTROL DEVICES FROM THE CONTRACTOR.

(3) GENERAL NOTES:

(a) ALL EROSION CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.

(b) INSTALL STAKED SILT FENCE WHERE LISTED IN THE EROSION CONTROL PLANS FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.

(c) PROVIDE SYNTHETIC BALES WHERE LISTED IN THE EROSION CONTROL PLANS FOR DITCH BLOCKS DURING CONSTRUCTION.

(d) PROVIDE ROCK BAGS AT INLET OPENINGS.

(e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.

(f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.

(g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.

(h) DO NOT REMOVE PERIMETER CONTROLS UNTIL AFTER ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT GRASSING IS ESTABLISHED.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 47.83 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 47.83 ACRES.

(5) RUNOFF COEFFICIENTS BEFORE Cw(B), DURING Cw(D), AND AFTER Cw(A) CONSTRUCTION:

RUNOFF COEFFICIENT FOR:
GRASSED SHOULDERS ADJACENT TO ROADWAY: C= 0.3
IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C= 0.95
DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C= 0.3

WEIGHTED RUNOFF COEFFICIENT:
BEFORE: Cw(B) = 0.4 DURING: Cw(D) = 0.4 AFTER: Cw(A) = 0.7
THE RUNOFF COEFFICIENT DURING CONSTRUCTION, Cw(D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:

THE SOILS THAT MAY EXIST WITHIN THE PROJECT LIMITS ARE GENERALLY SANDY SOILS AS SHOWN IN THE USDA SOIL SURVEY MAPS.

(7) ESTIMATED DRAINAGE AREA AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:

(a) SITE MAP: SEE CONSTRUCTION PLANS

(b) DRAINAGE MAP: SEE CONSTRUCTION PLANS

(8) RECEIVING WATERS:

IMPERIAL RIVER

(9) THE OUTFALLS ARE NOT 303(d) LISTED WATERS FOR TOTAL SUSPENDED SOLIDS (TSS), TURBIDITY, AND SETTLEABLE SOLIDS.

(10) OUTFALL LOCATIONS:

BASIN 4: EAST END, SOUTH OF ALICO RD INTERSECTION

(11) WETLAND IMPACTS ARE DETAILED IN THE ENVIRONMENTAL RESOURCE PERMIT AND ASSOCIATED DOCUMENTATION.

(12) DESCRIPTION OF STORMWATER MANAGEMENT: (EXISTING/PROPOSED)

(a) PRESENTLY EXISTING DRAINAGE FLOWS TOWARD EXSITNG WETLAND AREAS SOUTH OF ALICO RD INTERSECITON.

(b) OFF-SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO EROSION CONTROL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.

(c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. THIS WILL BE ACCOMPLISHED BY WATERING DISTURBED AREAS.

(d) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING THE WATERWAYS.

II. CONTROLS:

EROSION AND SEDIMENT CONTROLS

(1) WATER QUALITY MONITORING SHALL BE CONDUCTED BY THE CONTRACTOR UPON THE OBSERVATION THAT THE WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS SHALL BE DESIGNATED BY THE PROJECT ENGINEER. THE CONSTRUCTION MANAGER WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS RELATED TO TURBIDITY (29NTU'S ABOVE BACKGROUND). MONITORING WILL BE ACCOMPLISHED BY RECORDING TURBIDITY READINGS FROM THE CENTER OF THE STREAM, ONE (1) UPSTREAM OF THE ACTIVITY AND ONE (1)DOWNSTREAM OF THE EROSION CONTROL DEVICES, BUT WITHIN THE PROJECT RIGHT OF WAY. IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHOULD BE STOPPED IMMEDIATELY AND EROSION CONTROL DEVICES RE-EVALUATED BY THE LEE COUNTY REPRESENTATIVE PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (29NTU'S ABOVE BACKGROUND). WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE COUNTY.

(2) STABILIZATION PRACTICES:

STABILIZATION MEASURES, SUCH AS PERFORMANCE TURF (SODDING) OF SIDE SLOPES PER FDOT SPECIFICATION SECTION 570 SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE SHALL THE TIME BE GREATER THAN SEVEN (7) DAYS AFTER THE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES.

DATE

DESCRIPTION

DATE

DESCRIPTION

JOHNSON
ENGINEERING

2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

LEE

20192030-000

STORMWATER POLLUTION
PREVENTION PLAN

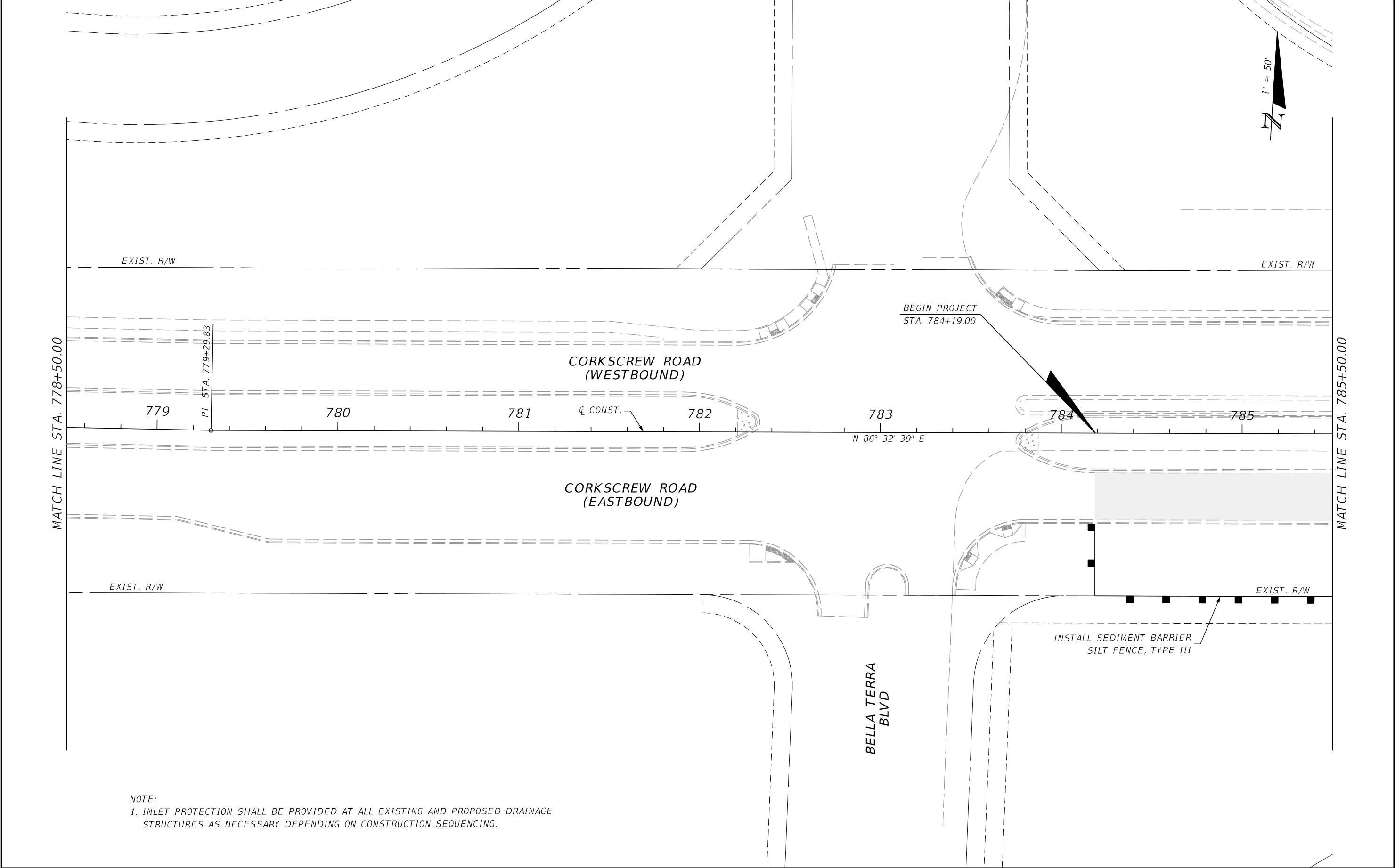
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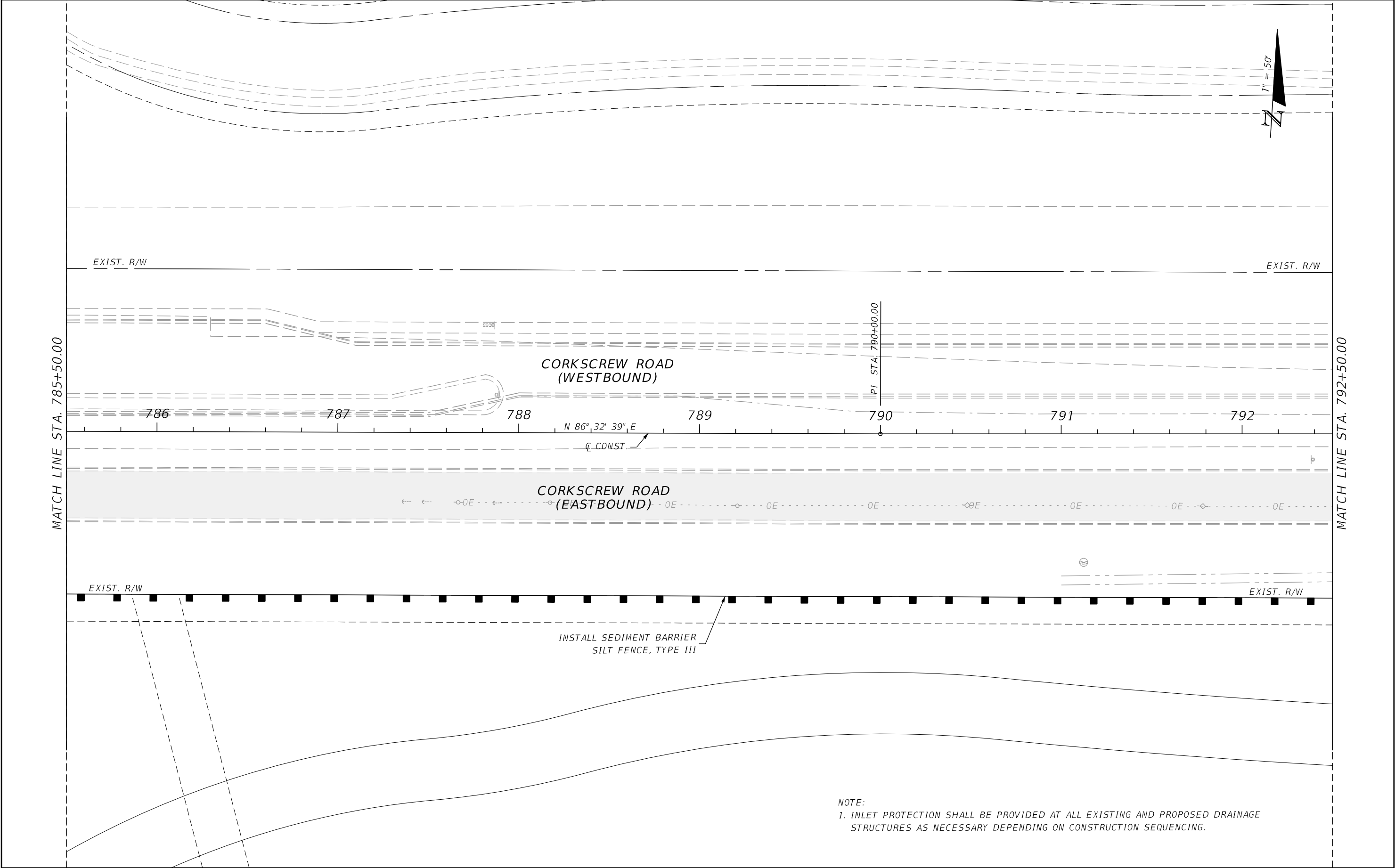
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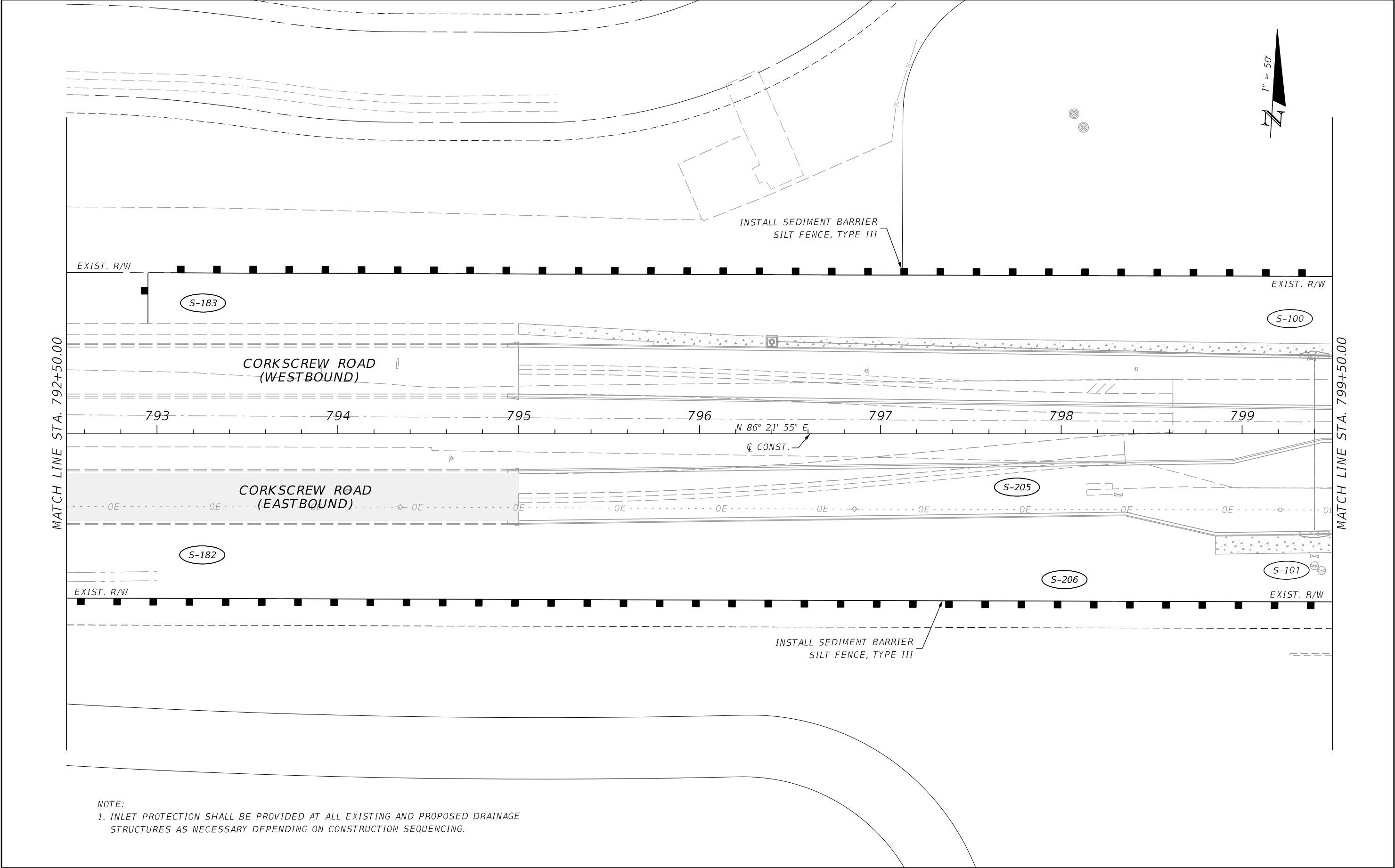
NOTE:
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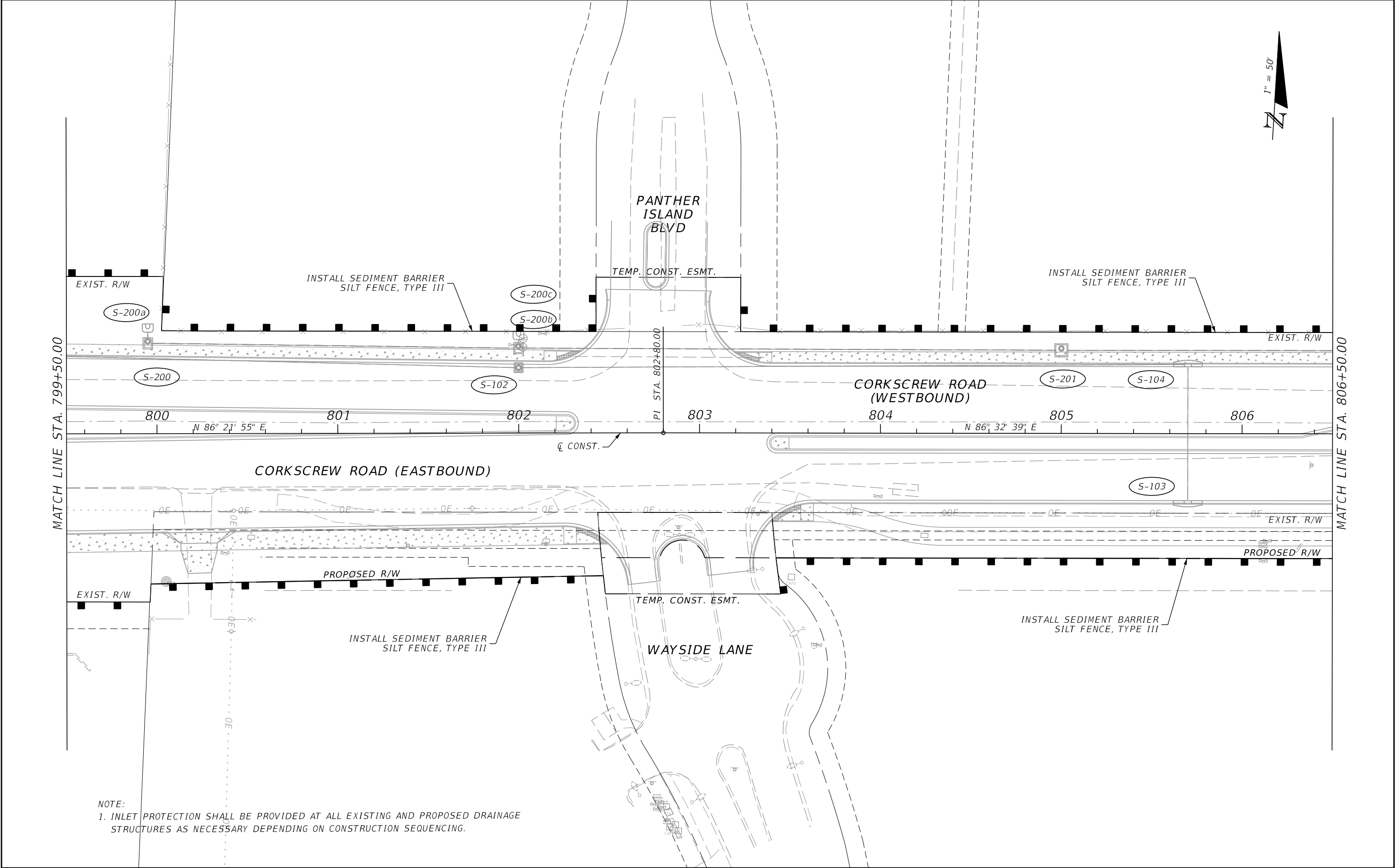


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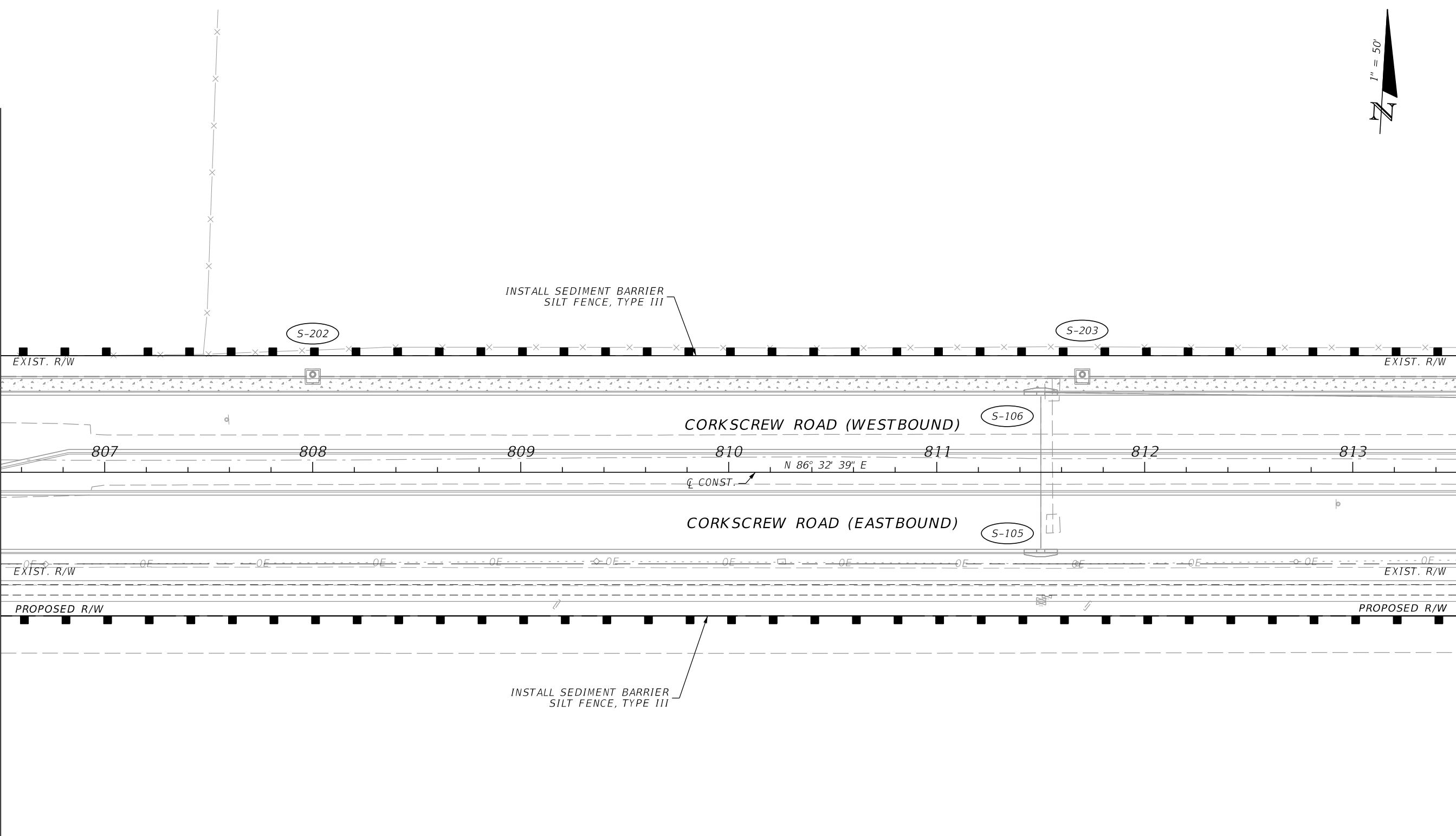
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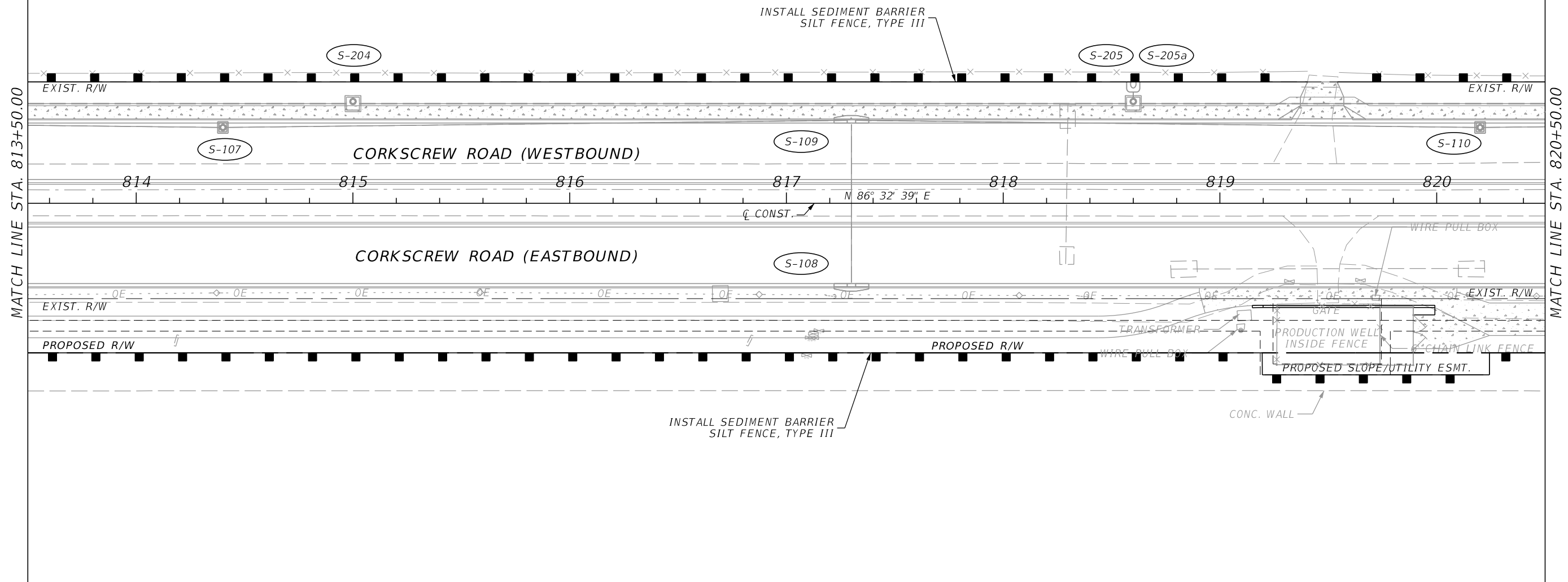
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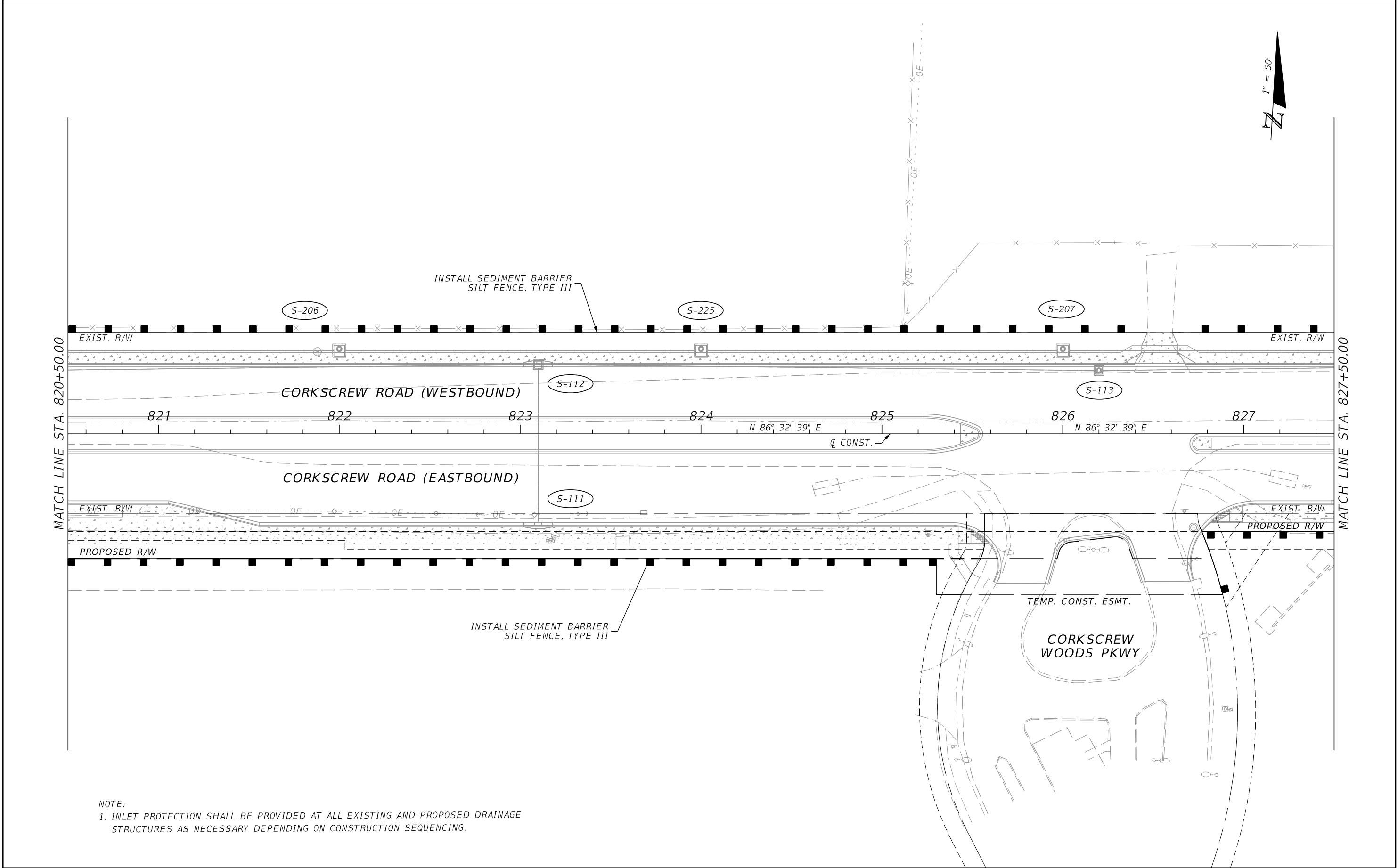
NOTE:
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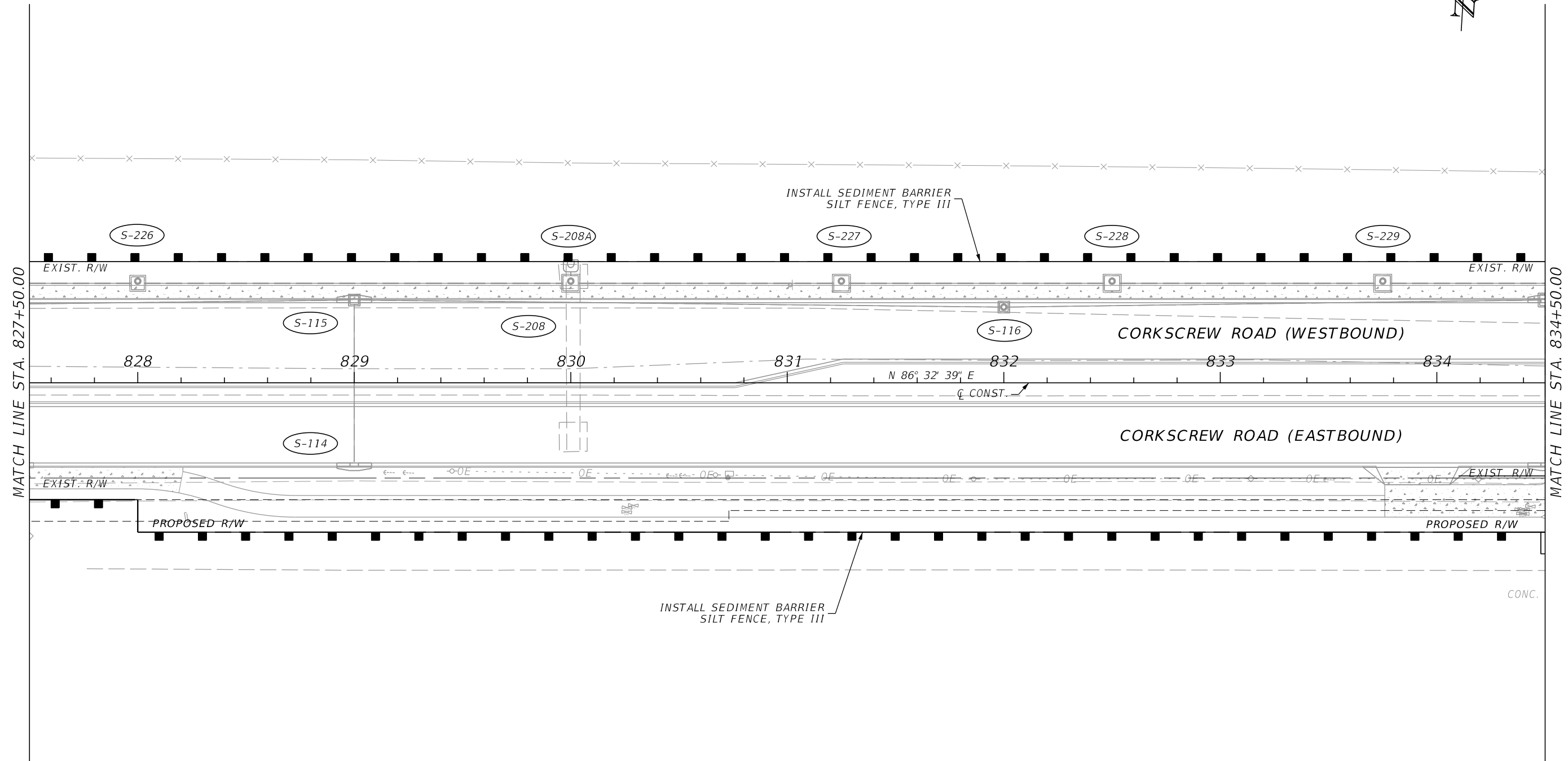
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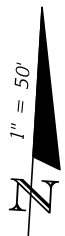
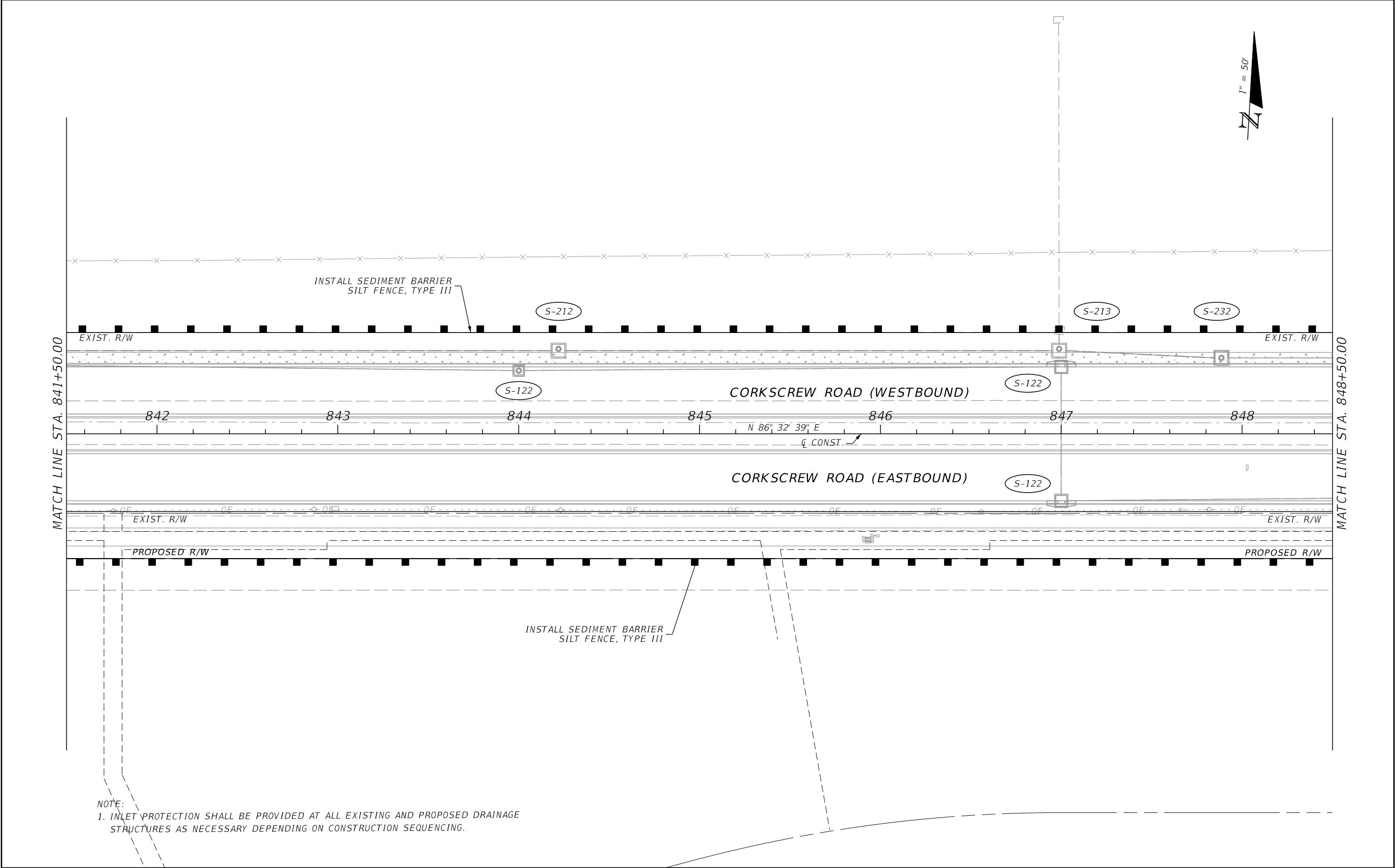
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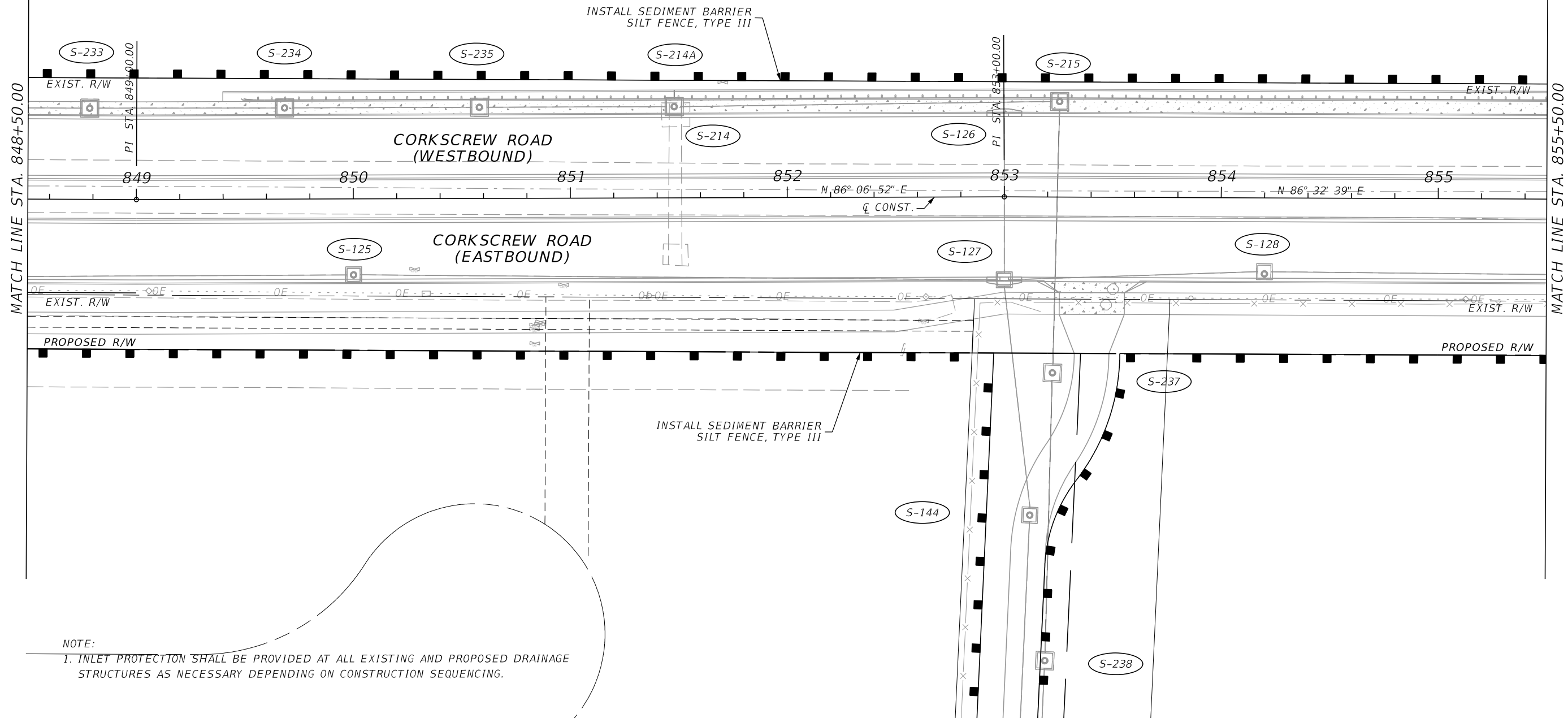
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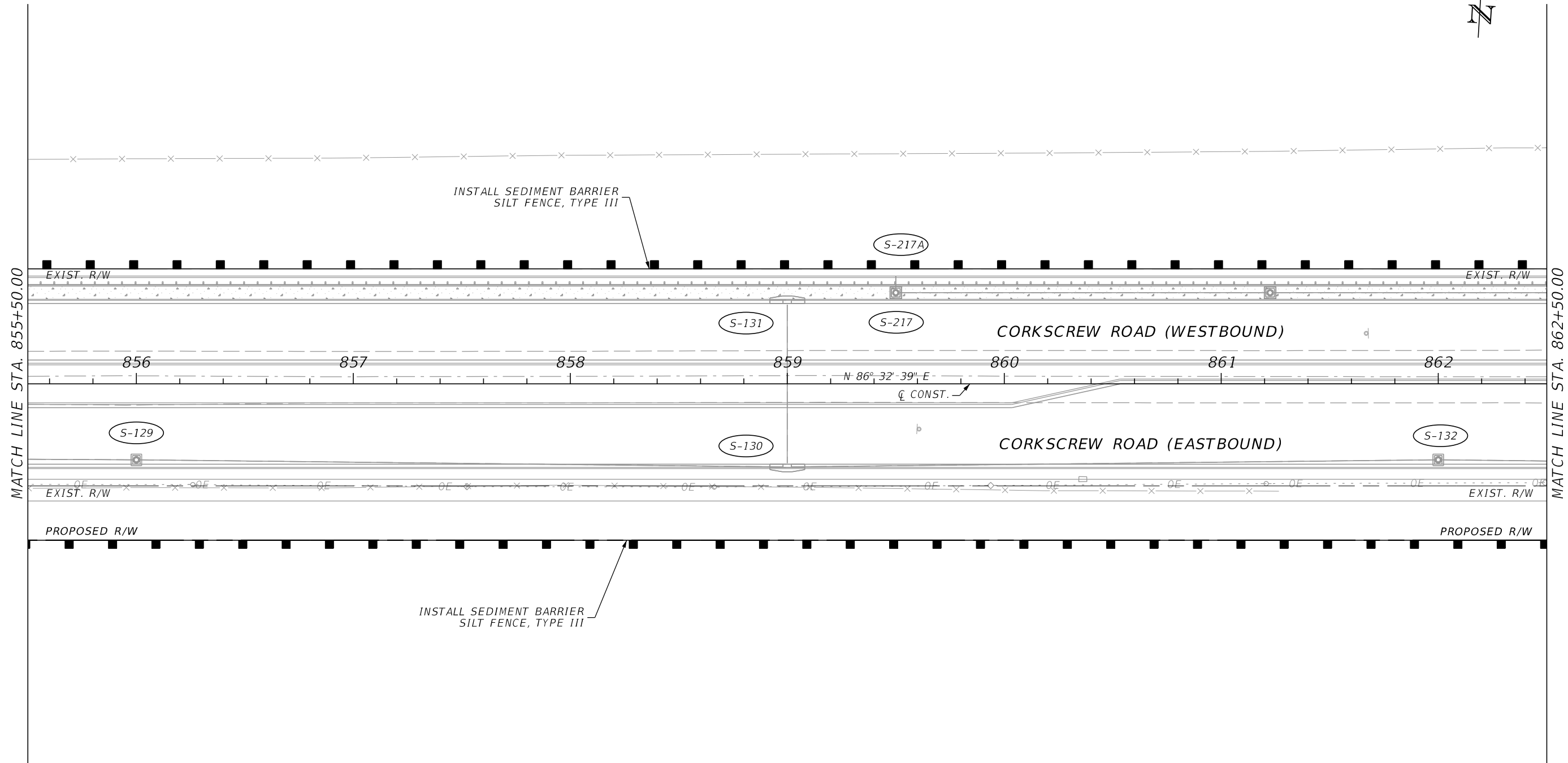


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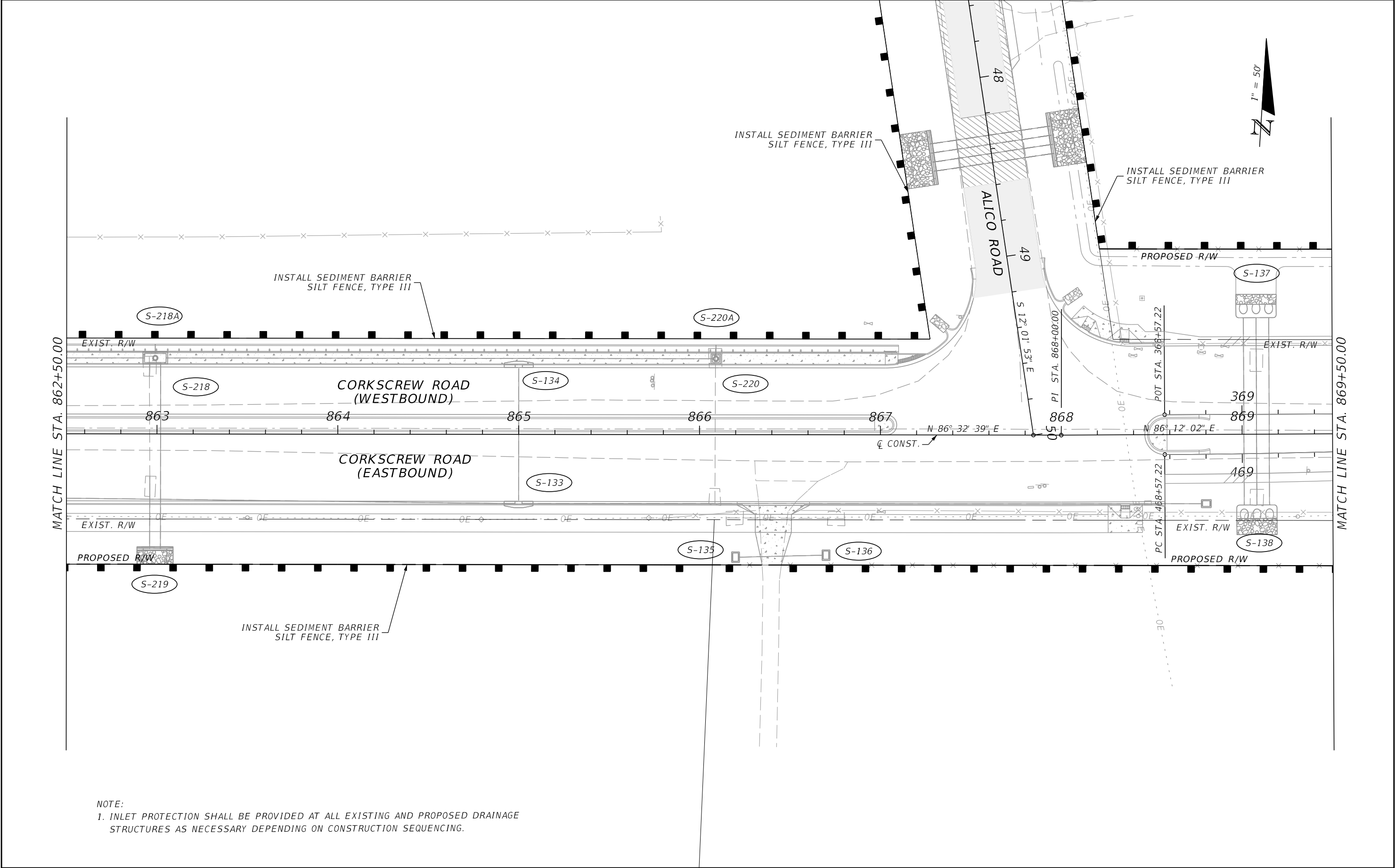


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		120
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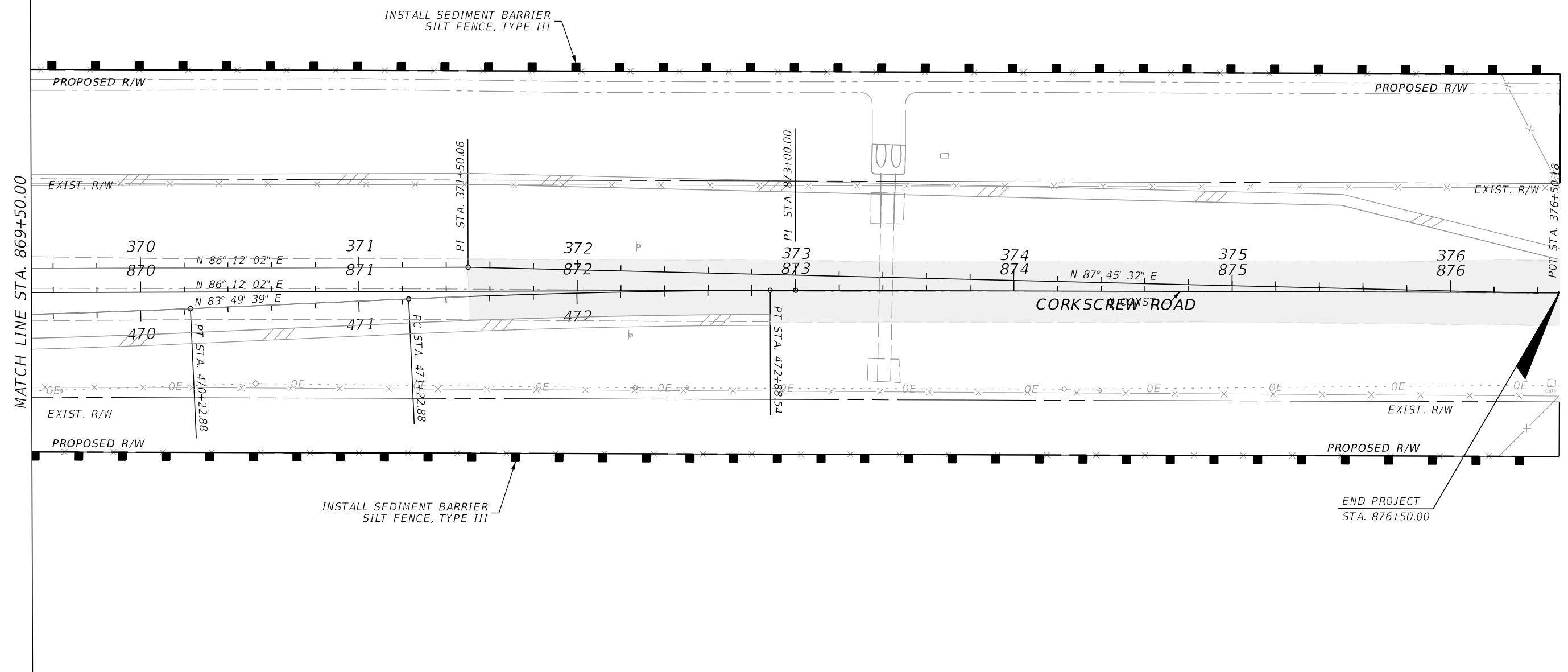
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		121
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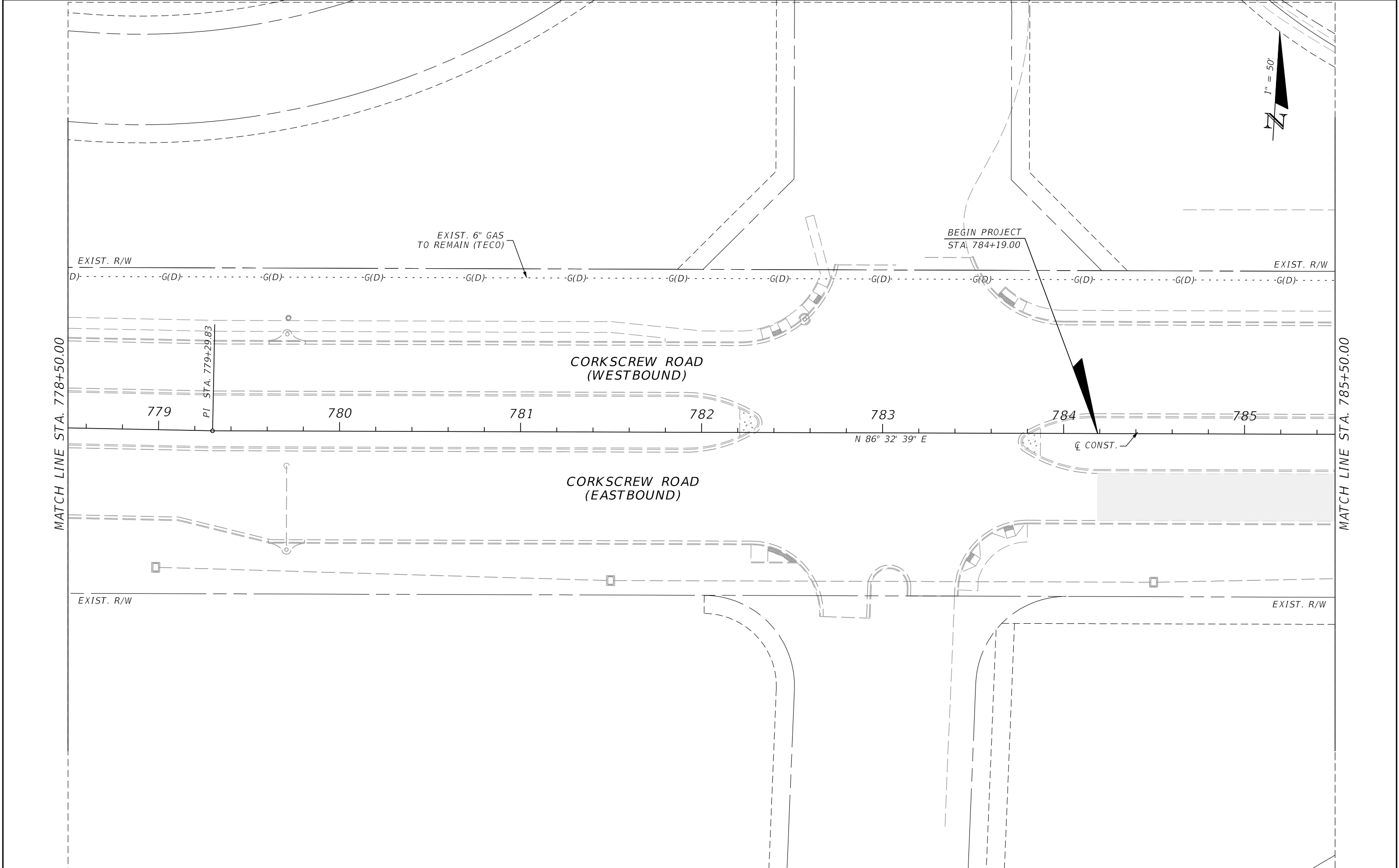
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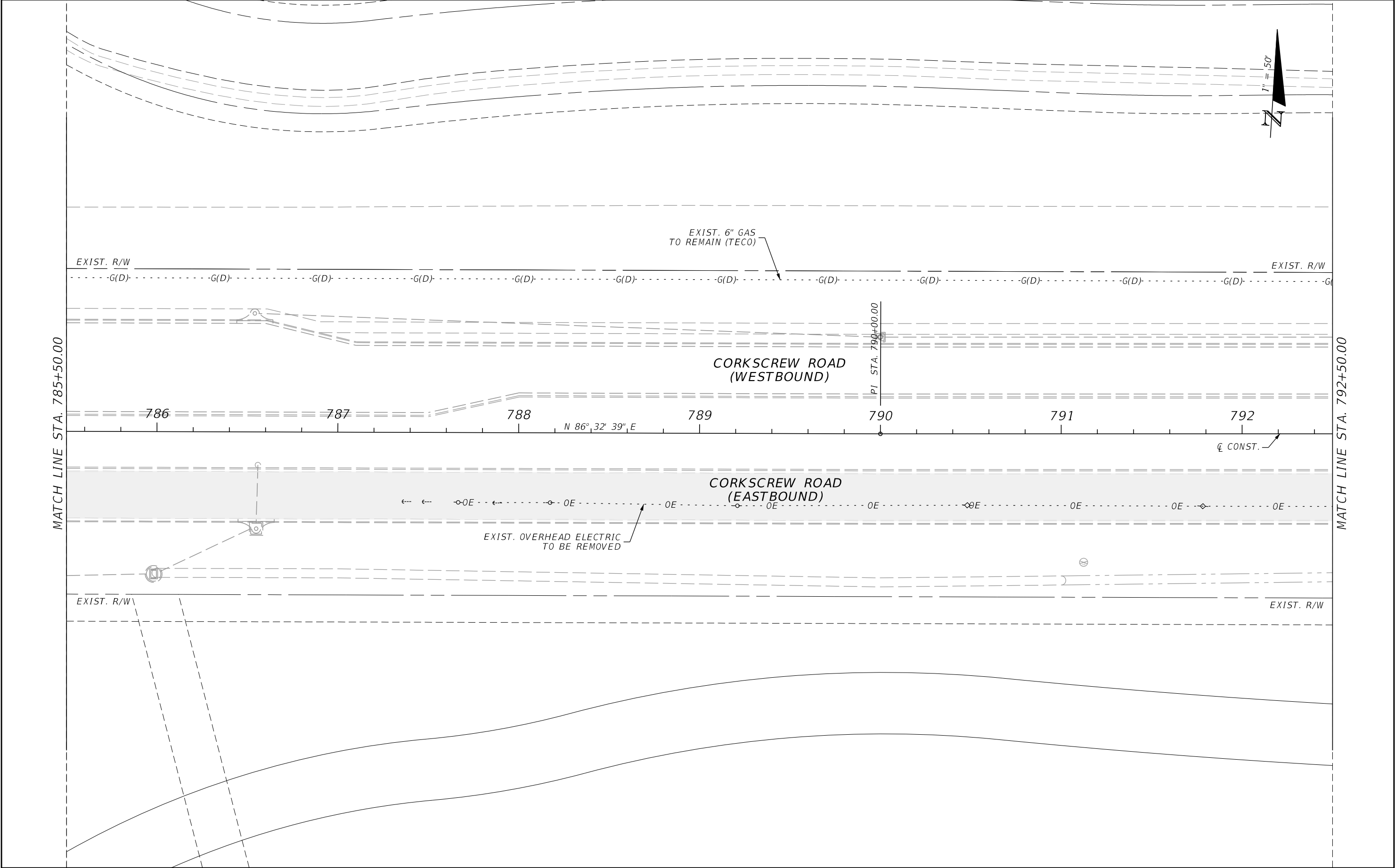


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
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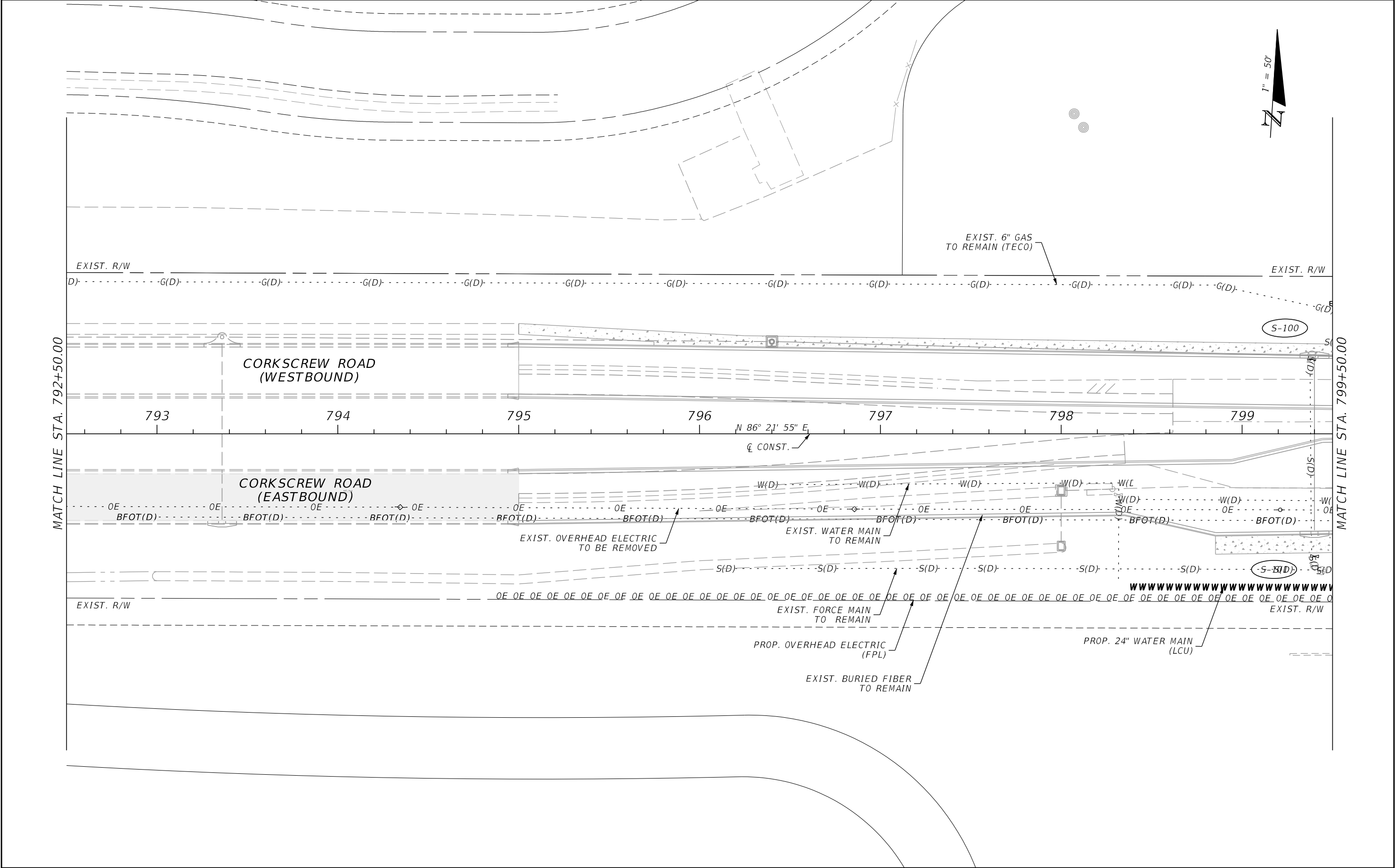


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		125
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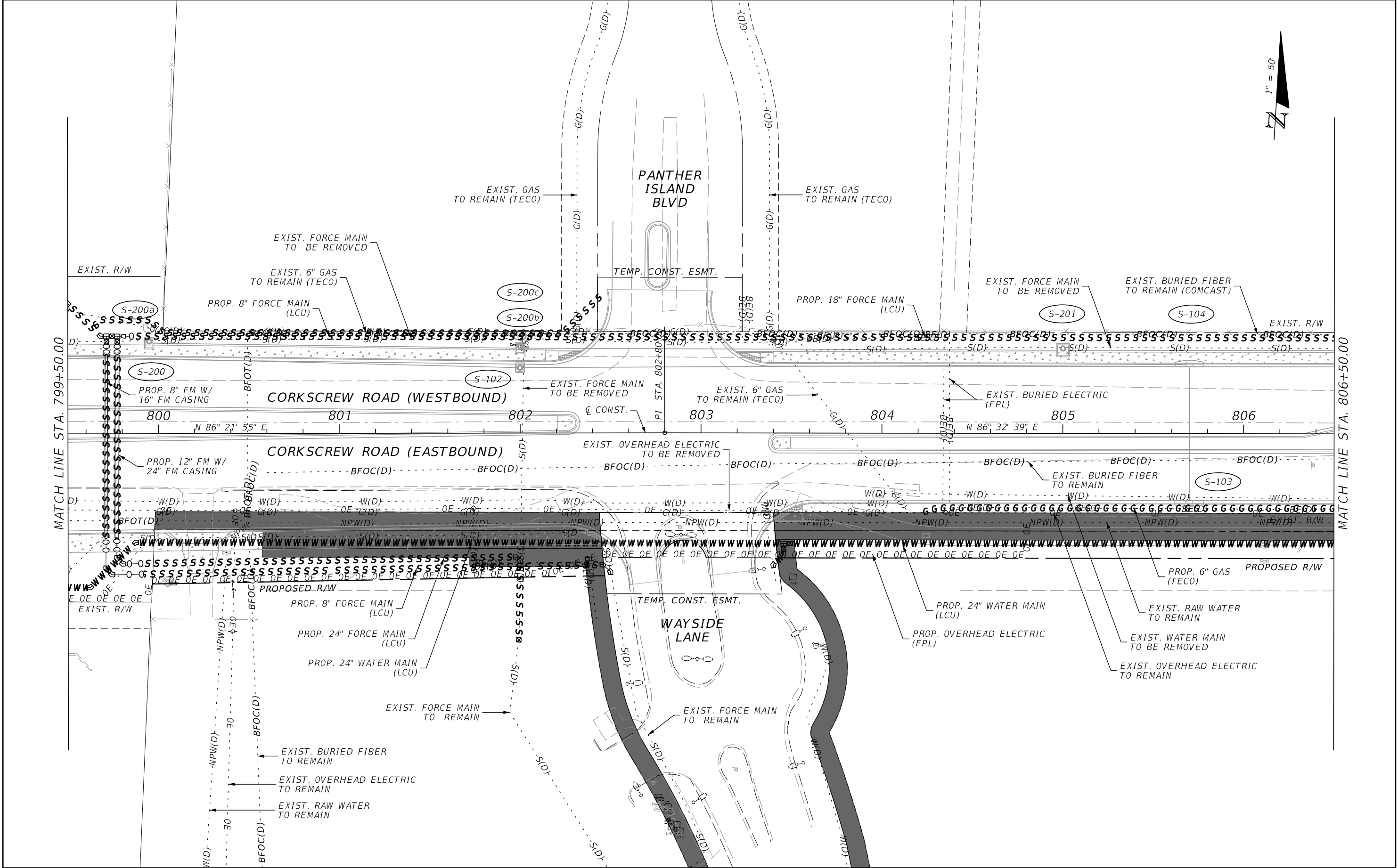
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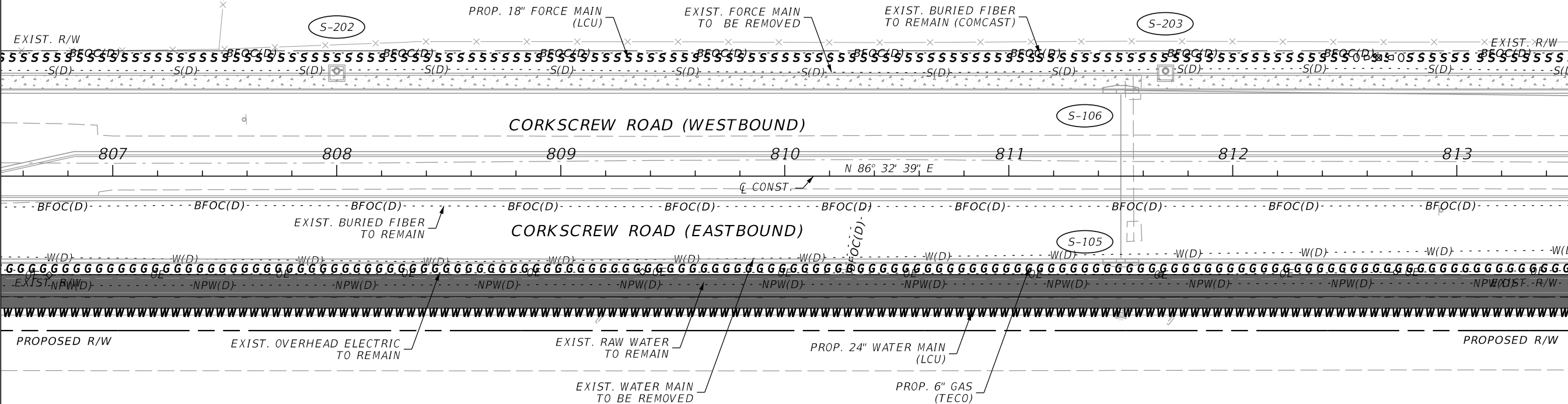


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

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MATCH LINE STA. 806+50.00

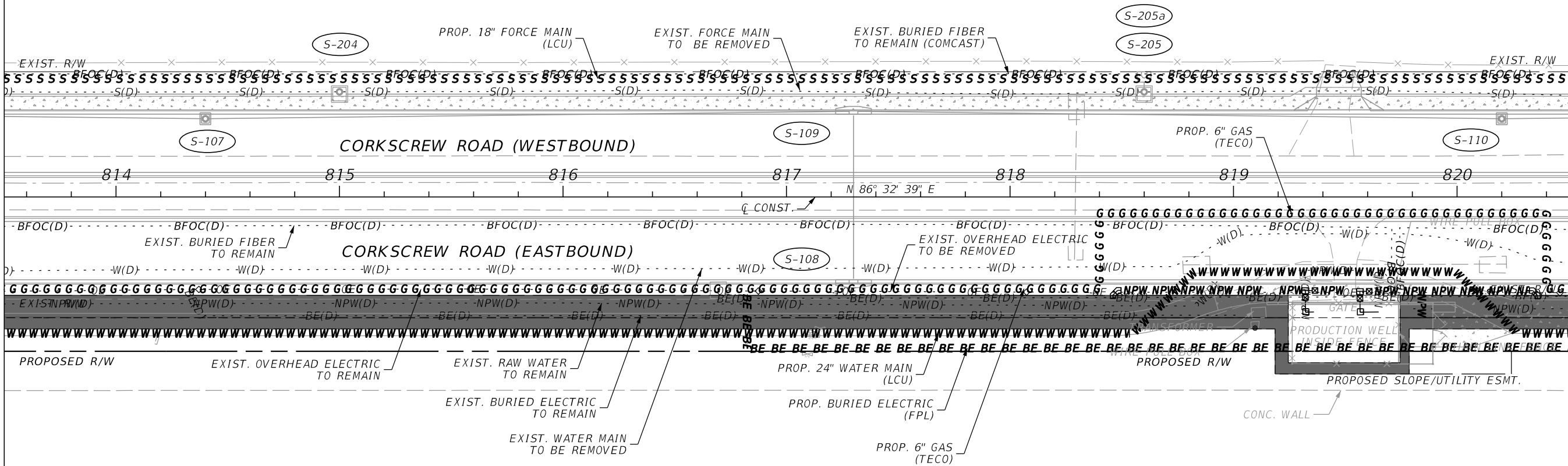


MATCH LINE STA. 813+50.00

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS			UTILITY ADJUSTMENTS	SHEET NO.
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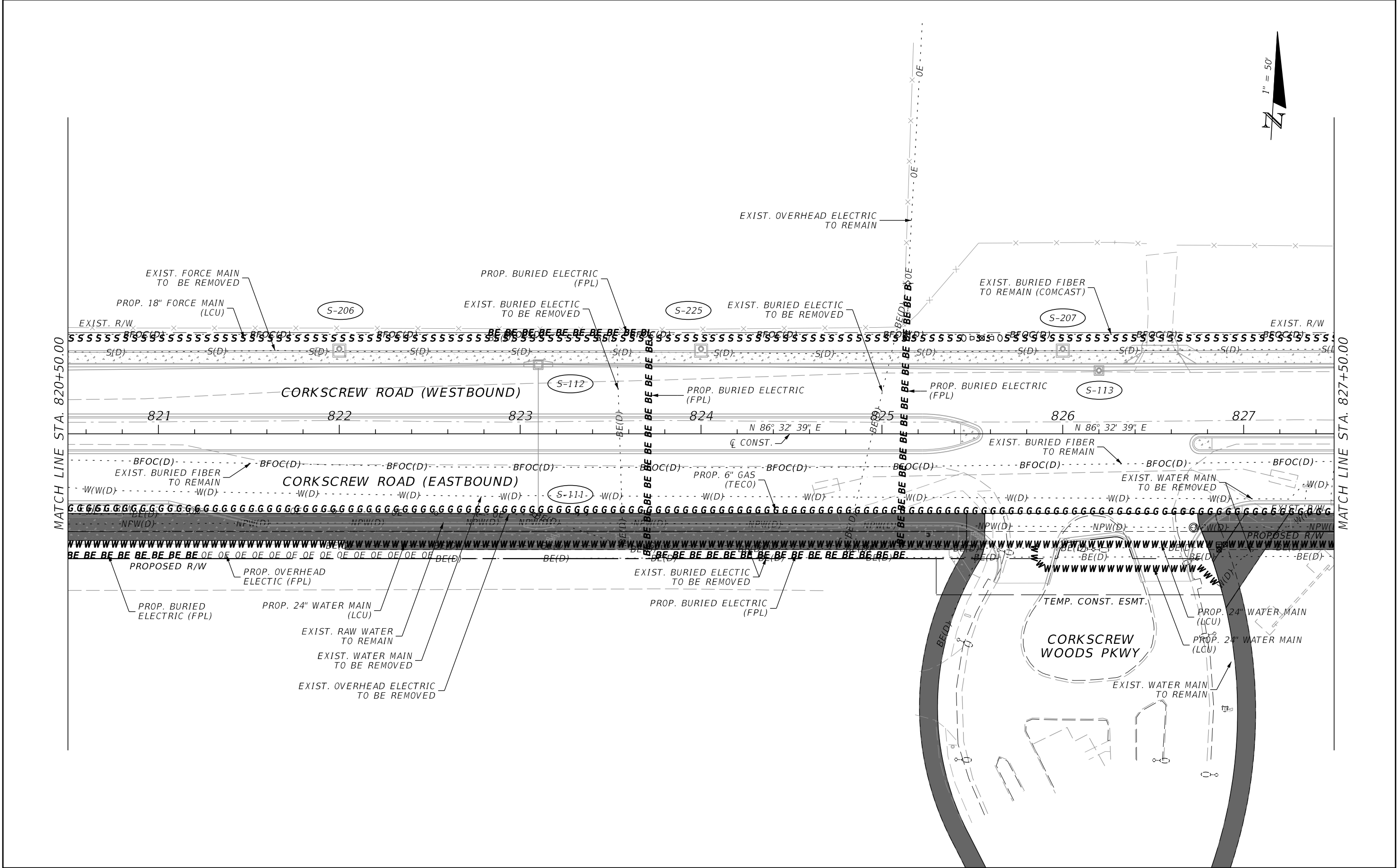


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MATCH LINE STA. 820+50.00

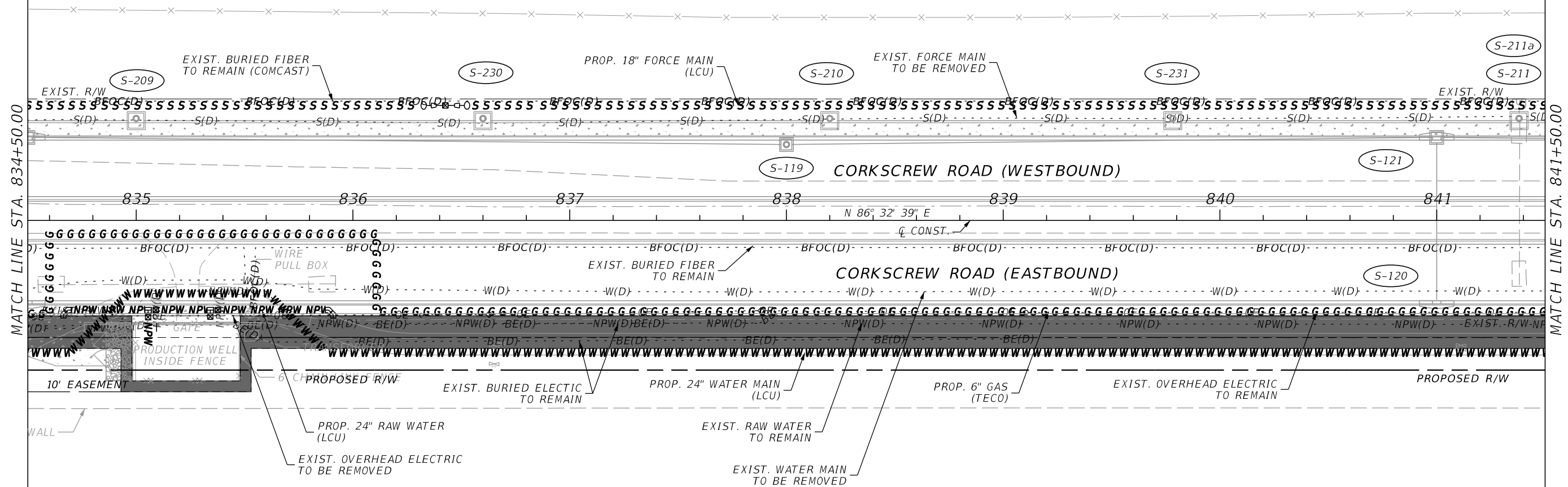
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
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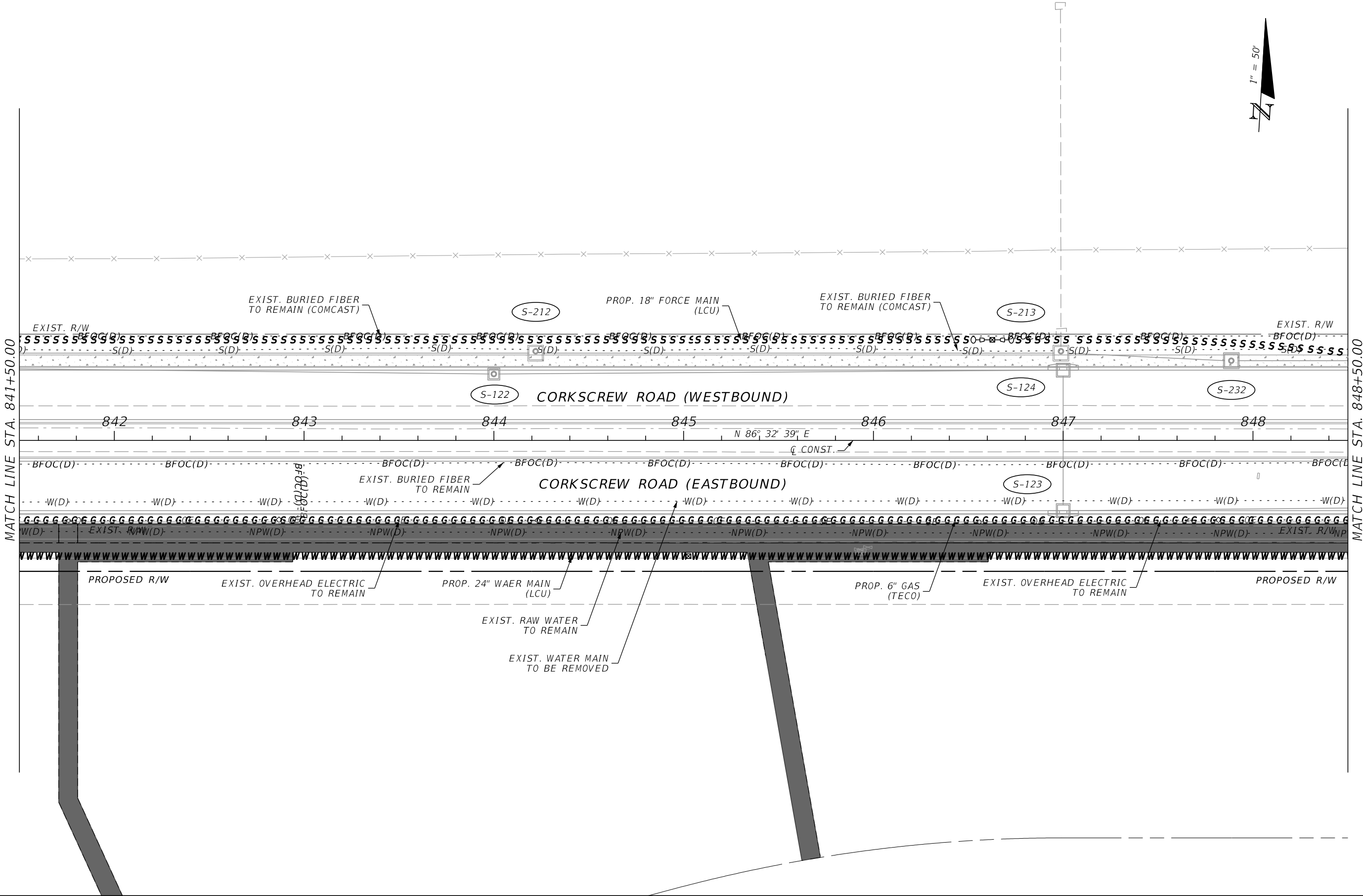
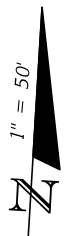
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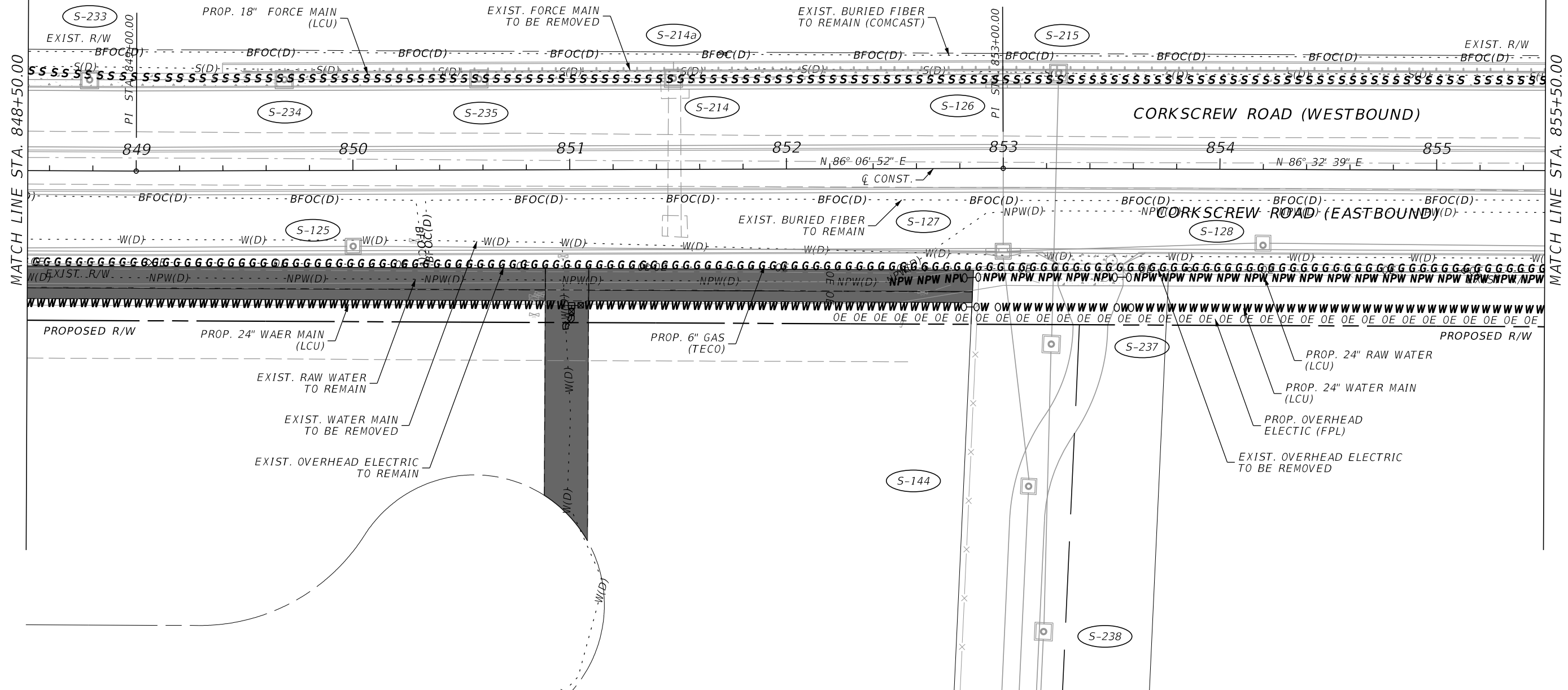


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		133
						LEE	20192030-000		

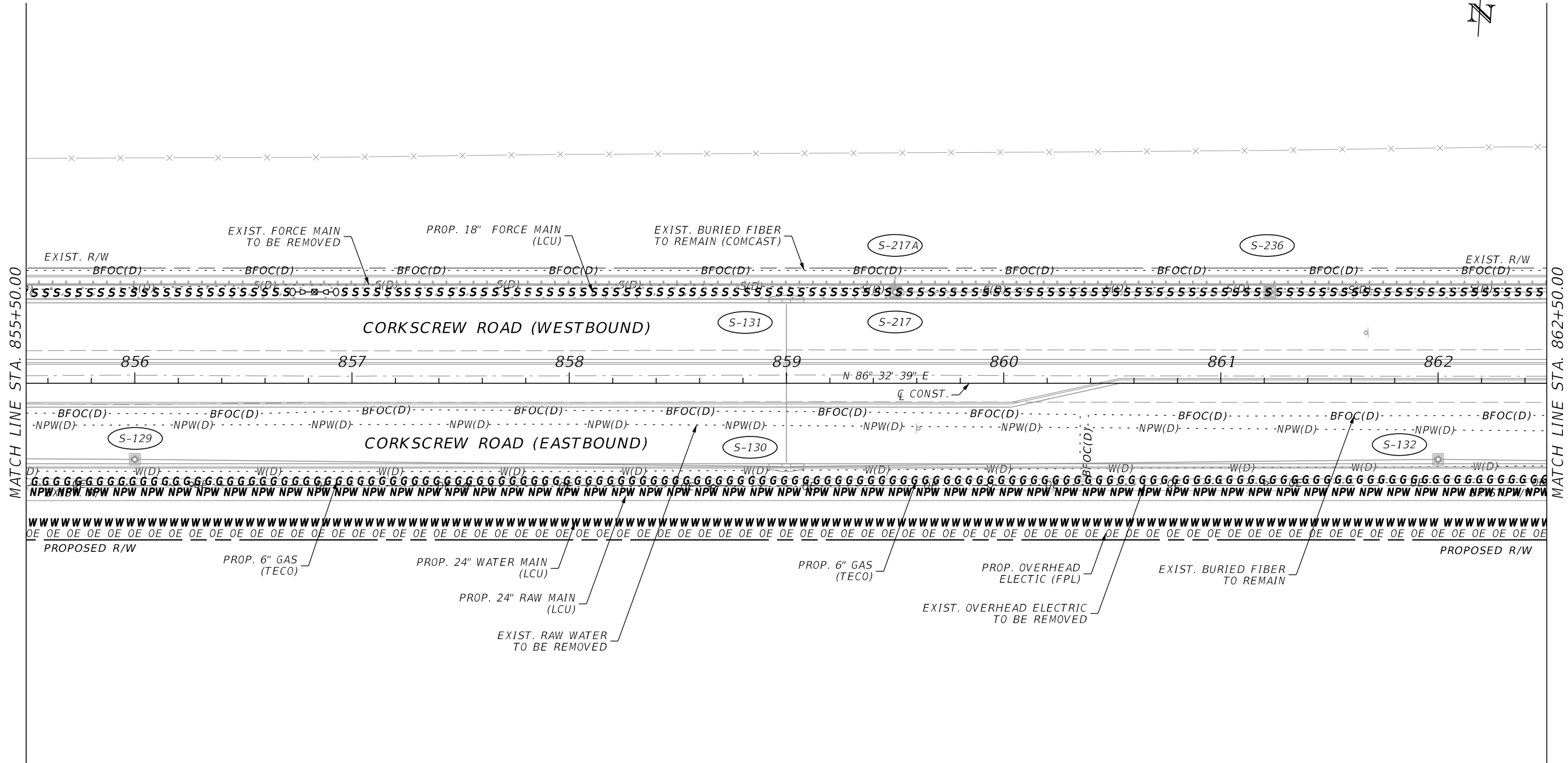


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		134

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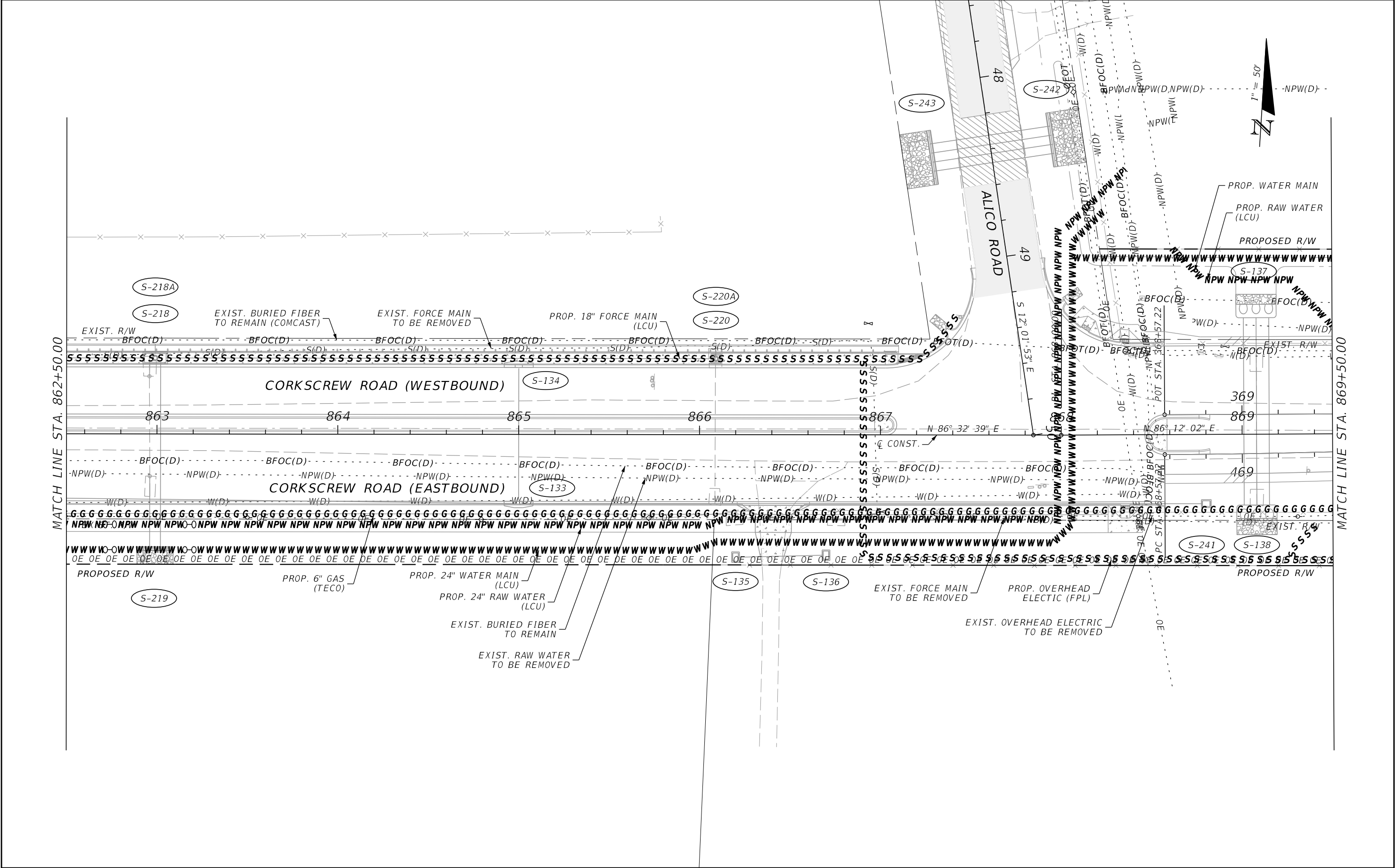


REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		135



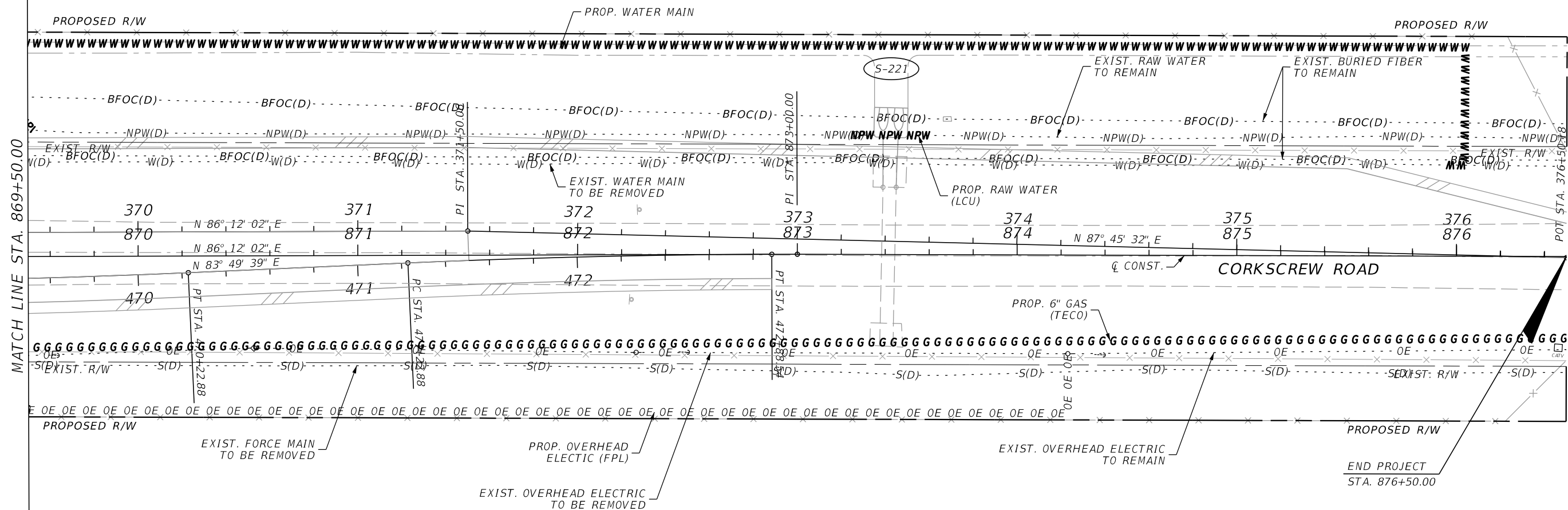
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		136

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REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		137

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.		COUNTY	FINANCIAL PROJECT ID
									LEE	20192030-000

SUMMARY OF STABILIZATION											
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
160 4	Type B Stabilization	794+99.96 to 799+49.93	LT	7946	SY	1545.3		72,040			
		794+99.96 to 799+50.41	RT	7953		1704.5					
		799+49.72 to 806+49.96	LT/RT	14862		6776.1					
		803+63.05 to 806+49.96	RT	7994		383.0					
		806+49.96 to 813+49.96	RT	8017		933.3					
		806+49.96 to 813+49.96	RT	8012		2404.6					
		806+49.96 to 813+49.96	LT	8005		2417.9					
		813+49.96 to 818+93.45	RT	8032		724.7					
		813+49.96 to 820+49.96	LT	8022		2404.6					
		813+49.96 to 820+49.96	RT	8027		2404.6					
		820+49.96 to 827+49.96	LT/RT	14915		6165.5					
		827+49.96 to 834+49.96	LT/RT	8070		2833.6					
		827+49.96 to 834+49.96	RT	8077		2404.6					
		828+18.79 to 833+75.99	RT	14957		743.3					
		834+49.96 to 841+49.96	RT	8105		2404.6					
		834+49.96 to 841+49.96	LT	8100		2404.6					
		835+79.48 to 841+49.96	RT	8179		760.6					
		841+49.96 to 848+49.96	RT	8174		2404.6					
		841+49.96 to 848+49.96	RT	8169		933.3					
		841+49.96 to 848+49.96	LT	8110		2404.6					
		848+49.96 to 853+25.55	RT	8193		635.0					
		848+49.96 to 855+49.97	RT	8222		2404.6					
		848+49.96 to 855+49.97	LT	8231		2404.6					
		852+77.27 to 853+89.50	RT	17646		2210.2					
		853+25.55 to 853+55.55	RT	8303		46.0					
		853+55.55 to 855+49.97	RT	8188		259.2					
		855+49.97 to 862+49.97	RT	8164		933.3					
		855+49.97 to 862+49.97	LT	8127		2404.6					
		855+49.97 to 862+49.97	LT/RT	8132		2675.5					
		862+49.97 to 866+30.86	RT	8159		507.9					
		862+49.97 to 869+50.32	LT/RT	18530		6191.9					
		866+25.64 to 867+06.15	LT	19165		575.6					
		866+49.98 to 867+40.26	LT	19158		533.7					
		866+50.86 to 868+45.72	RT	7889		268.4					
		866+94.78 to 867+93.87	LT	19473		829.7					
		869+49.78 to 872+88.36	LT/RT	8148		755.8					
		869+50.00 to 876+49.98	LT	8139		3245.6					

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		SQ-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF OPTIONAL BASE															
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS				
		STA. TO STA.				P	F	P	F						
285 7 04	Optional Base, Base Group 04	803+63.05 to 806+49.96	RT	17811	SY	342.6		6,998							
		806+49.96 to 813+49.96	RT	17822		829.6									
		813+49.96 to 818+93.27	RT	17827		644.1									
		828+18.92 to 833+75.99	RT	17836		660.7									
		835+79.01 to 841+49.96	RT	17845		676.9									
		841+49.96 to 848+49.96	RT	17854		829.6									
		848+49.96 to 853+25.55	RT	17859		564.5									
		853+55.55 to 855+49.97	RT	17870		230.4									
		855+49.97 to 862+49.97	RT	17875		829.6									
		862+49.97 to 866+30.86	RT	17880		451.4									
		866+50.86 to 868+25.72	RT	17885		207.6									
		868+57.08 to 869+50.30	LT	17892		58.6									
		868+57.22 to 869+49.84	RT	17898		54.9									
		869+49.81 to 872+88.36	RT	17912		200.7									
		869+50.26 to 876+49.98	LT	17903		416.6									
285 7 10	Optional Base, Base Group 10	795+00.00 to 799+49.91	LT	15203	SY	1299.6		52,354							
		795+00.00 to 799+50.39	RT	15209		1457.9									
		799+50.00 to 806+49.96	LT/RT	15219		6067.3									
		806+49.96 to 813+49.96	LT	15253		2035.3									
		806+49.96 to 813+49.96	RT	15259		2022.2									
		813+49.96 to 820+49.96	RT	15269		2022.2									
		813+49.96 to 820+49.96	LT	15264		2022.2									
		820+49.96 to 827+49.96	LT/RT	15274		5454.3									
		827+49.96 to 834+49.96	LT/RT	15306		2450.9									
		827+49.96 to 834+49.96	RT	15313		2022.2									
		834+49.96 to 841+49.96	LT	15318		2022.2									
		834+49.96 to 841+49.96	RT	15323		2022.2									
		841+49.96 to 848+49.96	LT	15328		2022.2									
		841+49.96 to 848+49.96	RT	15333		2022.2									
		848+49.96 to 855+49.97	RT	15349		2022.3									
		848+49.96 to 855+49.97	LT	15338		2138.9									
		855+49.97 to 862+49.97	LT/RT	3969		2292.8									
		855+49.97 to 862+49.97	LT	3964		2022.2									
		862+49.97 to 869+50.26	LT/RT	4050		5325.7									
		866+30.26 to 867+06.15	LT	19116		312.0									
		866+49.97 to 867+35.65	LT	19108		270.1									
		866+99.39 to 867+81.74	LT	19124		450.5									
		869+49.84 to 871+50.90	RT	4021		245.6									
		869+50.04 to 876+49.98	LT	4009		2331.0									
SUMMARY OF MILLING															
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS				
		STA. TO STA.				P	F	P	F						
327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth	784+18.88 to 795+00.00	RT	17952	SY	3123.6		6,950							
		40+41.76 to 48+20.88	LT	18975		2049.3				Alico Road					
		48+59.12 to 49+20.00	LT	18969		245.8				Alico Road					
		871+49.94 to 876+50.00	LT/RT	6993		1531.3									
REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES		SHEET NO.			
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID						
								LEE	20192030-000						
											SQ-2				

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SUMMARY OF PAVEMENT											
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
334 1 12	Superpave Asphaltic Conc, Traffic B	803+63.05 to 806+49.96	RT	15390	TN	17.71		360.9			
		806+49.96 to 813+49.96	RT	15404		42.78					
		813+49.96 to 818+93.18	RT	15409		33.21					
		828+18.98 to 833+75.99	RT	15381		34.07					
		835+79.10 to 841+49.96	RT	15418		34.90					
		841+49.96 to 848+49.96	RT	15427		42.78					
		848+49.96 to 853+25.55	RT	15432		29.11					
		853+55.55 to 855+49.97	RT	15443		11.88					
		855+49.97 to 862+49.97	RT	15448		42.78					
		862+49.97 to 866+30.86	RT	15453		23.28					
		866+50.86 to 868+25.72	RT	15458		10.70					
		868+57.08 to 869+50.29	LT	15480		3.03					
		868+57.22 to 869+49.84	RT	15465		2.83					
		869+49.81 to 872+88.36	RT	15470		10.35					
		869+50.26 to 876+51.19	LT	15487		21.50					
334 1 13	Superpave Asphaltic Conc, Traffic C	795+00.00 to 799+49.91	LT	15526	TN	214.44		8,628.9			
		795+00.00 to 799+50.39	RT	15532		240.55					
		799+50.00 to 806+49.96	LT/RT	15542		1001.11					
		806+49.96 to 813+49.96	LT	5101		335.83					
		806+49.96 to 813+49.96	RT	5107		333.67					
		813+49.96 to 820+49.96	RT	5117		333.67					
		813+49.96 to 820+49.96	LT	5112		333.67					
		820+49.96 to 827+49.96	LT/RT	15577		899.96					
		827+49.96 to 834+49.96	RT	15616		333.67					
		827+49.96 to 834+49.96	LT/RT	15609		404.41					
		834+49.96 to 841+49.96	RT	5168		333.67					
		834+49.96 to 841+49.96	LT	5163		333.67					
		841+49.96 to 848+49.96	LT	5173		333.67					
		841+49.96 to 848+49.96	RT	5178		333.67					
		848+49.96 to 855+49.97	RT	5194		353.33					
		848+49.96 to 855+49.97	LT	5183		333.67					
		855+49.97 to 862+49.97	LT	5209		333.67					
		855+49.97 to 862+49.97	LT/RT	5214		378.32					
		862+49.97 to 869+50.26	LT/RT	5262		878.74					
		866+30.59 to 867+06.15	LT	19255		48.38					
		866+49.98 to 867+35.32	LT	19263		41.46					
		866+99.72 to 867+81.41	LT	19271		70.56					
		869+49.84 to 871+50.90	RT	5233		40.53					
		869+50.04 to 876+49.98	LT	5221		384.62					
337 7 82	Asphalt Concrete Friction Course,	784+18.88 to 795+00.00	RT	17966	TN	257.70		4,939.6			
	Traffic C, FC-9.5, PG 76-22	795+00.00 to 799+50.06	LT	5901		107.27					
		795+00.00 to 799+50.39	RT	5907		120.27					
		799+50.00 to 806+49.96	LT/RT	15644		500.56					
		806+49.96 to 813+49.96	RT	5923		166.83					
		806+49.96 to 813+49.96	LT	5917		167.91					
		813+49.96 to 820+49.96	LT	5928		166.83					
		813+49.96 to 820+49.96	RT	5933		166.83					
		820+49.96 to 827+49.96	LT/RT	5938		445.13					
		827+49.96 to 834+49.96	LT/RT	5967		202.20					
		827+49.96 to 834+49.96	RT	5974		166.83					

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		

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SUMMARY OF PAVEMENT												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.				P	F	P	F			
337 7 82	Asphalt Concrete Friction Course, Traffic C, FC-9.5, PG 76-22 (CONT'D)	834+49.96 to 841+49.96	LT	5979	TN	166.83						
		834+49.96 to 841+49.96	RT	5984		166.83						
		841+49.96 to 848+49.96	LT	5989		166.83						
		841+49.96 to 848+49.96	RT	5994		166.83						
		848+49.96 to 855+49.97	LT	5999		166.84						
		848+49.96 to 855+49.97	RT	6010		176.66						
		855+49.97 to 862+49.97	LT/RT	6030		189.16						
		855+49.97 to 862+49.97	LT	6025		166.83						
		862+49.97 to 869+50.26	LT/RT	18583		439.37						
		866+30.59 to 867+91.51	LT	18613		269.58						
		868+57.08 to 869+50.29	LT	6441		4.55						
		868+57.22 to 869+49.84	RT	6448		4.24						
		869+49.81 to 876+49.98	LT/RT	6490		386.66						

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT							
LOCATION STA. TO STA.	SIDE	AREA ID	THICK (IN)	UNDER GUARDRAIL		DESIGN NOTES	CONSTRUCTION REMARKS
				339 1			
				TN			
				P	F		
849+40.00 to 855+49.97	LT	15703	2"	27.13			
855+49.97 to 862+49.97	LT	15710	2"	31.11			
862+49.97 to 867+10.00	LT	15715	2"	20.45			
SUB-TOTAL:				78.69			
TOTAL:				78.7			

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-4
						LEE	20192030-000		

SUMMARY OF CONCRETE						
LOCATION	SIDE	AREA ID	CONCRETE 6"		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			522 2			
			SY			
			P	F		
795+00.00 to 799+49.72	LT	15724	305.5			
798+85.25 to 799+50.47	RT	15737	72.4			
799+50.07 to 802+34.36	LT	15732	185.5			
799+50.41 to 802+50.37	RT	15778	348.0			
802+20.77 to 802+26.82	LT	15742	8.2			
803+19.57 to 806+49.93	LT	15791	216.2			
803+39.38 to 803+63.05	RT	15752	18.1			
803+42.69 to 803+49.44	RT	15747	6.7			
806+49.96 to 813+49.96	LT	15796	466.7			
813+49.96 to 820+49.96	LT	15828	496.1			
818+90.51 to 819+14.90	RT	20275	24.9			
819+89.16 to 820+49.96	RT	20281	124.7			
820+49.96 to 825+59.59	RT	15881	654.9			
820+49.96 to 827+49.96	LT	15950	496.1			
825+43.48 to 825+51.85	LT/RT	15896	8.4			
826+75.73 to 826+82.48	RT	15901	6.7			
826+81.59 to 827+49.96	RT	15913	67.0			
827+49.96 to 828+20.88	RT	15918	79.4			
827+49.96 to 834+49.96	LT	15965	466.7			
833+65.99 to 834+49.96	RT	15971	159.0			
834+49.96 to 834+86.07	RT	20318	88.7			
834+49.96 to 841+49.96	LT	15994	466.7			
835+57.38 to 835+81.77	RT	20293	24.9			
841+49.96 to 848+49.96	LT	15999	466.7			
848+49.96 to 855+49.97	LT	16004	465.5			
853+15.55 to 853+65.55	RT	16013	55.6			
855+49.97 to 862+49.97	LT	16020	450.3			
862+49.97 to 867+25.04	LT	16025	290.3			
866+20.86 to 866+60.86	RT	16039	69.5			
866+96.78 to 867+03.53	LT	16048	6.7			
867+66.42 to 867+76.58	LT	16229	19.4			
868+05.94 to 868+57.08	LT	16053	50.7			
868+25.72 to 868+44.72	RT	9590	31.7			
868+57.22 to 868+58.47	LT/RT	16064	15.8			
SUB-TOTAL			6,713.70			
TOTAL			6,714			

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
			570	1 2		
			SY			
			P	F		
STA. TO STA.						
794+99.82 to 799+50.66	RT	16726	2,082.4			
795+00.00 to 799+50.04	LT/RT	16719	1,620.2			
795+00.16 to 799+49.68	LT	16708	1,708.0			
799+49.42 to 800+03.88	LT	22589	224.0			
799+49.98 to 802+20.77	LT/RT	16799	360.6			
799+50.47 to 799+97.31	RT	21211	142.1			
803+49.44 to 806+49.96	LT/RT	16805	220.6			
803+83.93 to 806+49.96	RT	16811	359.5			
806+49.96 to 813+49.96	LT/RT	16832	1,347.8			
806+49.96 to 813+49.96	RT	16838	1,011.1			
807+50.00 to 813+49.96	LT	22597	733.3			
813+49.96 to 818+90.51	RT	16867	760.0			
813+49.96 to 819+40.39	LT	16848	715.2			
813+49.96 to 820+49.96	LT/RT	16862	1,361.1			
819+54.14 to 820+49.96	LT	16855	110.9			
820+09.30 to 820+49.96	RT	16909	27.5			
820+49.96 to 820+80.00	RT	16918	23.4			
820+49.96 to 825+43.48	LT/RT	17007	954.8			
820+49.96 to 826+46.76	LT	16928	723.2			
825+42.16 to 825+61.56	RT	18128	36.5			
825+92.50 to 826+43.30	RT	17038	116.5			
826+60.60 to 827+49.96	LT	16936	102.9			
826+82.48 to 827+49.96	RT	17015	48.7			
827+49.96 to 834+49.96	LT/RT	17076	932.1			
827+49.96 to 834+49.96	LT	17049	855.6			
828+20.88 to 833+75.99	RT	17083	772.6			
834+06.00 to 834+49.96	RT	17114	34.6			
834+49.96 to 834+62.98	RT	17131	6.7			
834+49.96 to 841+49.96	LT/RT	17168	1,361.1			
834+49.96 to 841+49.96	LT	17173	855.6			
835+81.77 to 841+49.96	RT	17161	799.9			
841+49.96 to 848+49.96	LT/RT	17231	1,361.1			
841+49.96 to 848+49.96	LT	17201	855.6			
841+49.96 to 848+49.96	RT	17236	1,011.1			
848+49.96 to 853+25.55	RT	17267	638.6			
848+49.96 to 855+49.97	LT	17246	388.8			
848+49.96 to 855+49.97	LT/RT	17258	1,361.1			
852+65.04 to 862+67.08	RT	18045	4,922.1			
852+84.91 to 853+32.55	RT	21202	84.6			
853+48.55 to 855+49.97	RT	17295	395.8			
853+55.55 to 855+49.97	RT	17279	105.2			
855+49.97 to 862+49.97	LT/RT	17312	1,090.2			
855+49.97 to 862+49.97	RT	17307	388.9			
855+49.97 to 862+49.97	LT	17319	259.0			
855+49.97 to 862+49.97	RT	17302	1,400.0			
862+49.97 to 862+92.50	RT	17331	78.5			
862+49.97 to 866+30.86	RT	17324	208.8			
SUB-TOTAL:			34,957.9			

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
			570	1 2		
			SY			
			P	F		
862+49.97 to 866+96.78	LT	17370	322.7			
862+49.97 to 867+52.45	LT	17376	438.0			
863+05.50 to 866+34.72	RT	17337	648.0			
865+93.57 to 867+45.61	LT	17548	2,910.9			
866+45.32 to 869+49.81	RT	17444	656.0			
866+50.86 to 868+25.72	RT	17363	94.5			
866+53.93 to 868+16.51	LT	17537	3,141.5			
867+82.02 to 869+50.43	LT	17464	579.8			
868+58.47 to 871+50.52	LT/RT	18108	594.2			
869+49.68 to 876+49.98	RT	17513	2,515.5			
869+50.29 to 876+49.98	LT	17529	2,133.5			
SUB-TOTAL:			14,034.6			
TOTAL:			48,993			

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (ST. AUGUSTINE 'FLORATAM')		DESIGN NOTES	CONSTRUCTION REMARKS
			570	1 2a		
			SY			
			P	F		
799+96.52 to 800+17.14	RT	22317	37.8			
800+02.47 to 802+44.17	LT	22470	244.1			
800+30.07 to 802+46.66	RT	22323	422.6			
802+42.86 to 802+51.01	LT	22476	18.2			
803+03.63 to 806+49.93	LT	22603	466.8			
803+40.43 to 806+49.96	RT	22329	323.0			
806+49.96 to 807+50.00	LT	22563	122.3			
806+49.96 to 813+49.96	RT	22337	544.4			
813+49.96 to 819+73.80	RT	22342	631.3			
819+89.16 to 820+49.96	RT	22355	36.6			
820+49.96 to 825+47.01	RT	22405	463.4			
825+42.16 to 825+61.56	RT	22395	36.5			
826+72.52 to 826+88.44	RT	22421	38.2			
826+77.03 to 827+49.96	RT	22415	39.3			
827+49.96 to 834+49.96	RT	22428	584.9			
834+49.96 to 834+86.07	RT	22439	11.2			
834+98.44 to 841+49.96	RT	22445	652.9			
841+49.96 to 848+49.96	RT	22456	544.4			
848+49.96 to 852+85.69	RT	22461	412.2			
SUB-TOTAL:			5,630.1			
CONTINGENCY:			2,500			
TOTAL:			8,130			

NOTE (SUMMARY OF ASPHALT):

(1.) CONTINGENCY QUANTITY TO BE USED ONLY WITH COUNTY APPROVAL. WHEN AUTHORIZED, IT WILL BE PAID BASED ON IN-PLACE FIELD MEASURE, NO GUARANTEE IS MADE FOR USE OF THIS ITEM.

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION <table><tr><th>ROAD NO.</th><th>COUNTY</th><th>FINANCIAL PROJECT ID</th></tr><tr><td></td><td>LEE</td><td>20192030-000</td></tr></table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LEE	20192030-000	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID										
	LEE	20192030-000										
DATE	DESCRIPTION	DATE	DESCRIPTION									

SUMMARY OF QUANTITIES

SQ-6

REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE	20192030-000		
									SQ-6

PILASTER GENERAL NOTES

DESIGN SPECIFICATIONS:

- 1. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) LOAD AND RESISTANCE FACTOR (LRFD) BRIDGE DESIGN SPECIFICATIONS (8TH EDITION) AND ALL SUBSEQUENT INTERIMS.
- 2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
- 3. FDOT STRUCTURES MANUAL DATED JANUARY 2019 AND SUBSEQUENT STRUCTURES DESIGN BULLETINS.

GOVERNING STANDARDS AND CONSTRUCTION SPECIFICATIONS:

- 1. FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2019-20 STANDARD PLANS AND REVISED INDEX DRAWINGS, AND JULY 2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

DESIGN METHODOLOGY:

- 1. LOAD AND RESISTANCE FACTOR DESIGN (LRFD) METHOD USING STRENGTH, SERVICE, AND EXTREME EVENT.

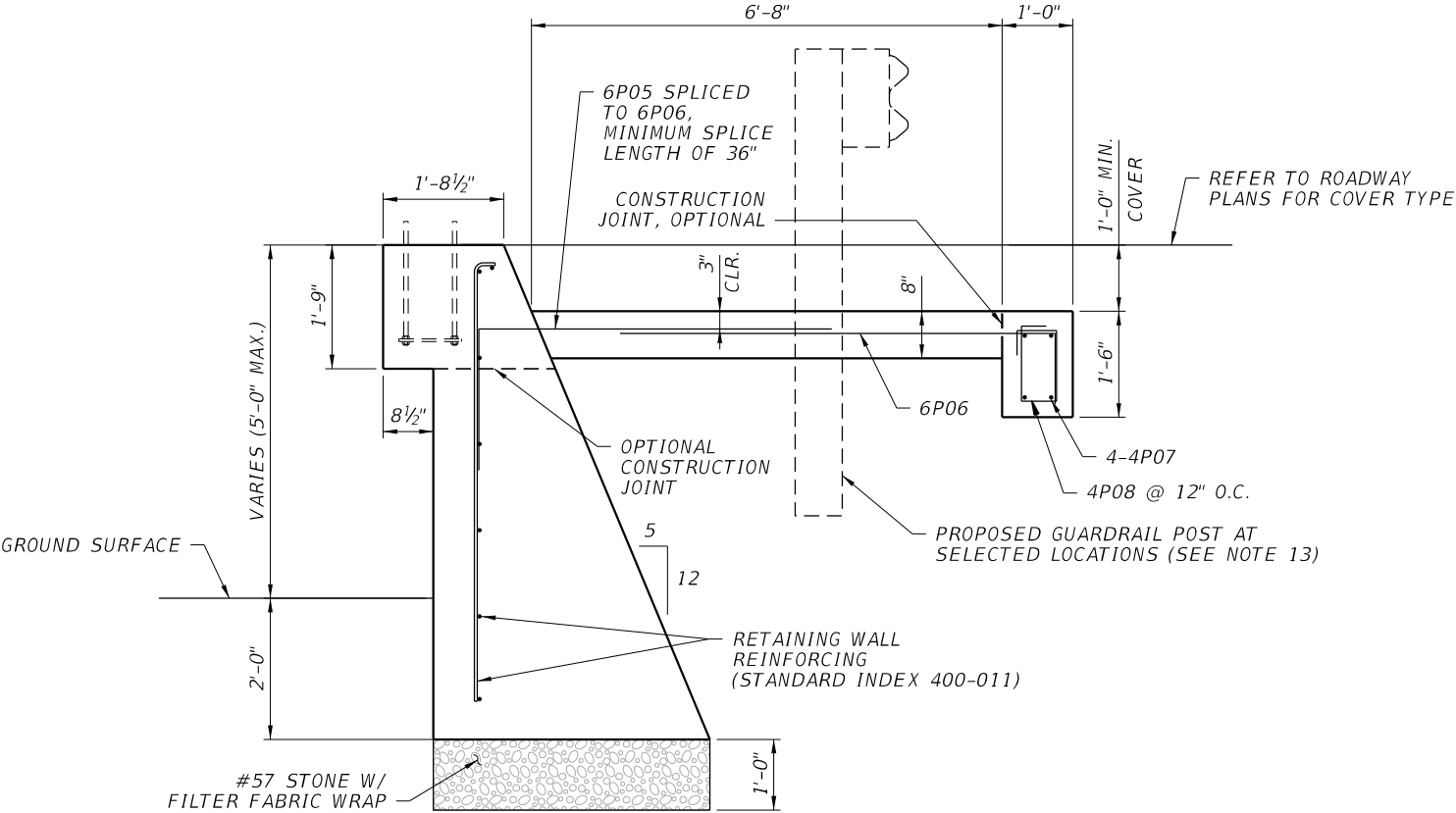
DESIGN LOADINGS:

- 1. THE FOLLOWING DESIGN LOADS ARE NOT TO BE EXCEEDED FOR THE PILASTER:
 - a. MOMENT IN LONGITUDINAL DIRECTION: 21 KIP-FT
 - b. MOMENT IN TRANSVERSE DIRECTION: 27 KIP-FT
 - c. TORSION: 0.14 KIP
 - d. AXIAL: 0.6 KIP
 - e. SHEAR IN LONGITUDINAL DIRECTION: 1.1 KIP
 - f. SHEAR IN TRANSVERSE DIRECTION: 1 KIP

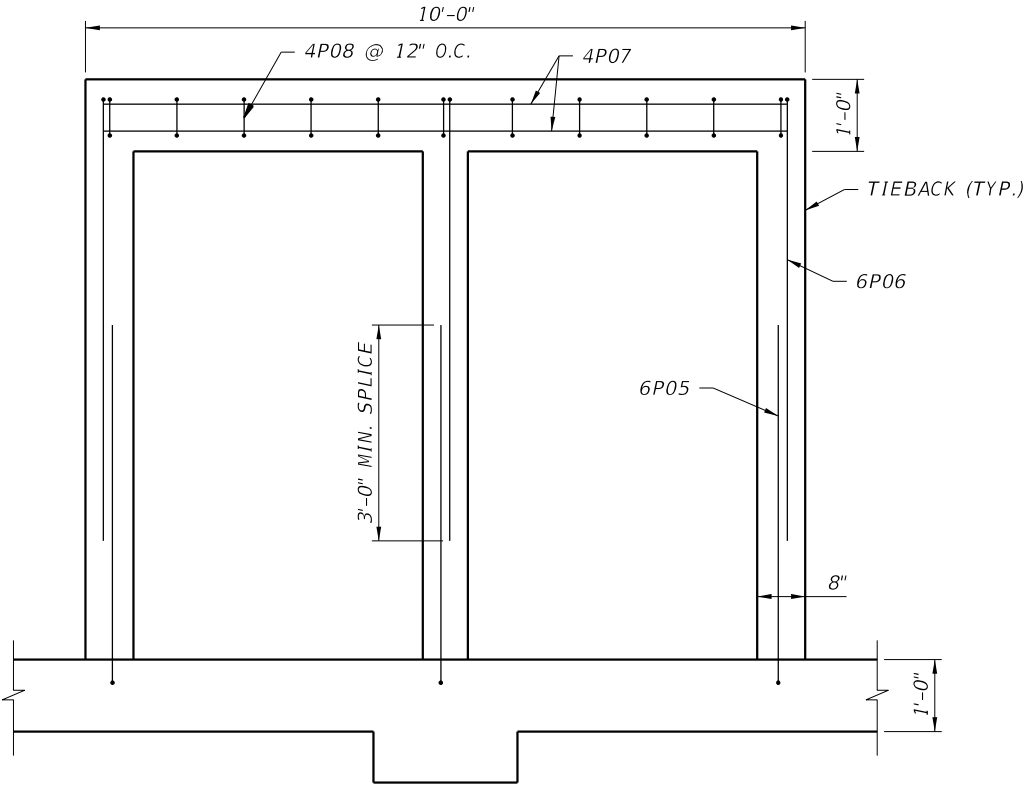
MATERIALS:

- 1. REINFORCING STEEL: GRADE 60 CARBON STEEL PER SPECIFICATIONS SECTION 931
- 2. GRAVITY WALL CONCRETE: PER FDOT INDEX 400-011 (3,000 PSI)
- 3. ANCHOR BOLTS AND ANCHOR PLATE:
 - a. ANCHOR BOLTS: 1 1/4" DIAMETER, ASTM F1554 GRADE 55
 - b. NUTS: ASTM A563 GRADE A, HEAVY HEX
 - c. WASHERS: ASTM F436 TYPE 1
 - d. ANCHOR PLATE: ASTM A709 (GRADE 36)
 - e. COATING: GALVANIZE ALL NUTS, BOLTS, WASHERS, IN ACCORDANCE WITH ASTM F2329, GALVANIZE PLATES IN ACCORDANCE WITH ASTM A123

- 1. FOR PAYMENT NOTES, SEE ROADWAY PLANS.
- 2. ANCHOR BOLTS SHALL BE ANCHORED WITH MANUFACTURER'S RECOMMENDED ANCHOR PLATE. EMBEDMENT SHALL BE AS SHOWN.
- 3. ANCHOR BOLTS SHALL BE GALVANIZED ACCORDING TO SECTION 460-30 OF THE GENERAL SPECIFICATIONS AND SHALL BE PROVIDED BY THE POLE MANUFACTURER. ANCHOR BOLTS SHALL EFFECTIVELY TRANSMIT THE LIGHT POLE LOADS TO THE SUPPORT AND FIT THE REINFORCING CAGE. CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA, SHALL BE SUBMITTED TO THE E.O.R. FOR REVIEW AND APPROVAL SHOWING THAT THESE REQUIREMENTS HAVE BEEN MET.
- 4. PULL BOXES SHALL BE INSTALLED PER LIGHTING PLANS.
- 5. ALL CONDUIT SHALL BE SCHEDULE 40 PVC.
- 6. REINFORCING MAY BE SHIFTED SLIGHTLY TO AVOID CONFLICT WITH ANCHOR BOLTS.
- 7. TOP OF PILASTER SUPPORT BE FINISHED TO A TRULY LEVEL AREA.
- 8. ALL REINFORCING SHALL BE PLACED AT EQUAL SPACING AS SHOWN.
- 9. SPACE WALL JOINTS APPROPRIATELY SO THAT NO WALL JOINTS ARE CONSTRUCTED WITHIN 5' OF THE CENTERLINE OF THE POLE. ONLY THE CONSTRUCTION JOINTS SHOWN IN THE DETAILS ARE ALLOWED.
- 10. COMPACT FILL UNDER PROPOSED DEADMAN AND TIEBACK LOCATIONS PER FDOT STANDARD SPECIFICATION 120-9.
- 11. IF COMPACTION IS REQUIRED IN ACCORDANCE WITH SPECIFICATIONS ABOVE THE TIEBACKS OR DEADMAN, THE CONTRACTOR SHALL USE A SMALL PLATE COMPACTOR (NO OPERATOR-DRIVEN HEAVY EQUIPMENT IS ALLOWED).
- 12. PILASTER DIMENSIONS WERE DESIGNED TO ACCOMMODATE A 45-FOOT LIGHT POLE MOUNTED ON A BREAKAWAY T-BASE WITH BASE SQUARE LENGTH OF 15 3/8", AND A BOLT CIRCLE DIAMETER OF 15 INCHES. IF A NON-STANDARD POLE OR T-BASE IS SELECTED, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE PROPOSED ALTERATIONS OF THE POLE AND PILASTER TO THE ENGINEER FOR REVIEW.
- 13. GUARDRAIL MAY BE INSTALLED AT SOME LOCATIONS ADJACENT TO LIGHT POLE PILASTER. GUARDRAIL POST SPACINGS ARE TO BE SHIFTED TO AVOID CONFLICT WITH DEADMAN AND TIEBACKS. CONTRACTOR SHALL COORDINATE WITH GUARDRAIL CONTRACTOR TO LOCATE TIEBACKS.
- 14. CONTRACTOR SHALL COORDINATE WITH LIGHT POLE CONTRACTOR TO LOCATE 2" CONDUIT WITHIN LIMITS OF LIGHT POLE BASE.
- 15. COST OF #57 STONE WITH FILTER FABRIC WRAP IS INCIDENTAL TO THE CONCRETE GRAVITY WALL.

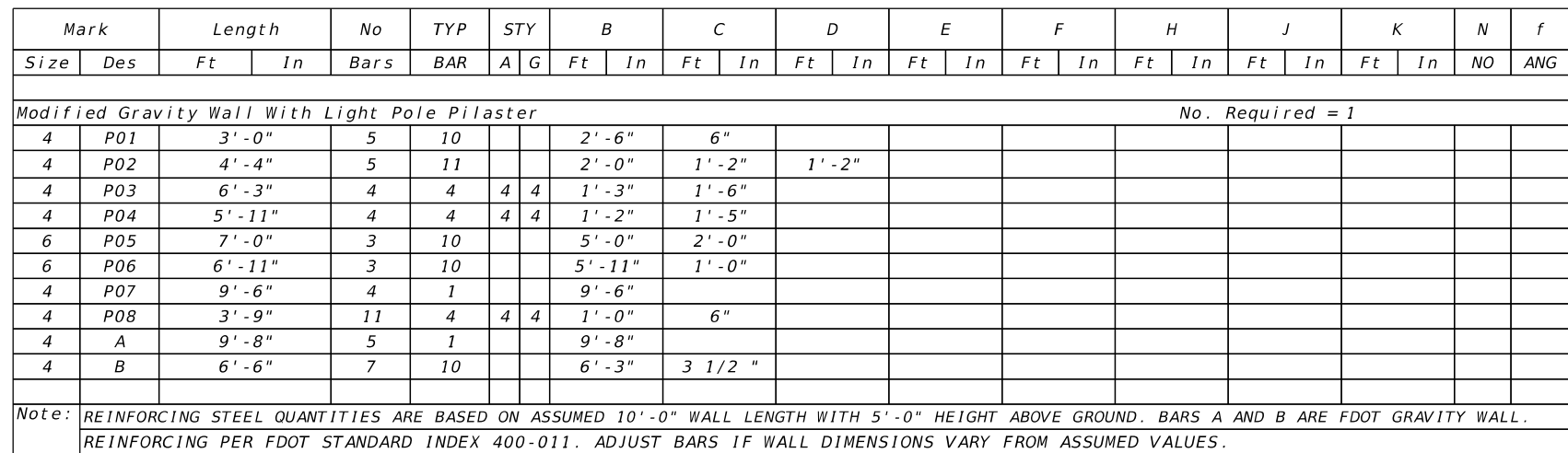
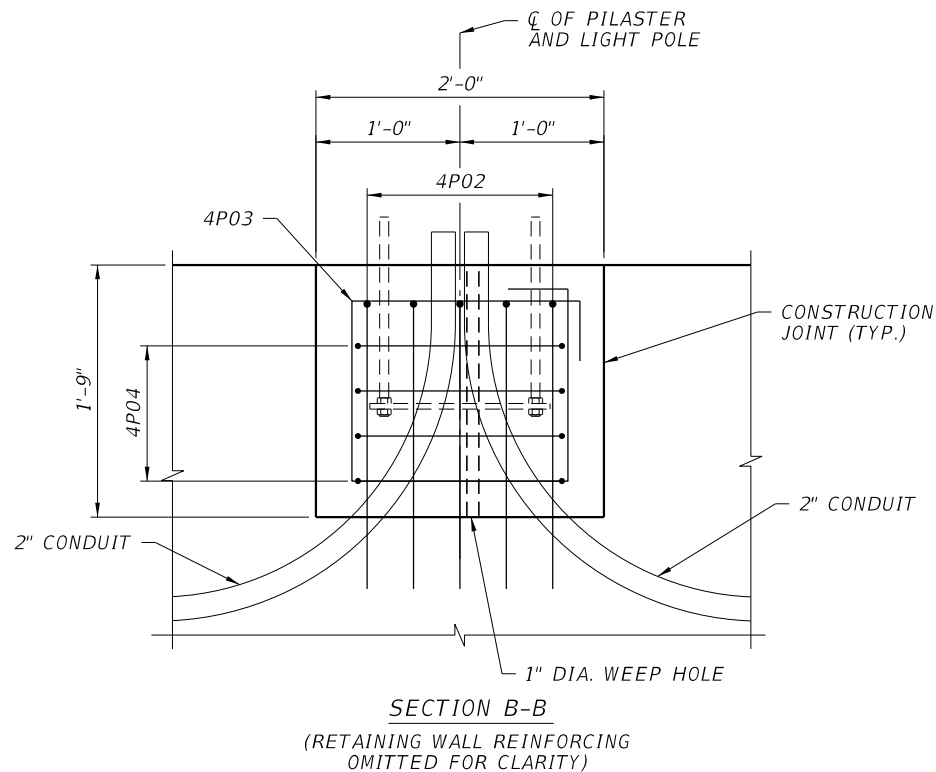


SECTION



PLAN
(RETAINING WALL REINFORCING
OMITTED FOR CLARITY)

REVISIONS						THOMAS M. WAITS, P.E. P.E. LICENSE NUMBER 55460 HIGHSPANS ENGINEERING, INC. 2121 MCGREGOR BOULEVARD SUITE 200 FORT MYERS, FL 33901	DRAWN BY: SDS 04/21 CHECKED BY: CLH 04/21 DESIGNED BY: RMW 04/21 CHECKED BY: TMW 04/21	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE: MODIFIED GRAVITY WALL WITH LIGHT POLE PILASTER (1 OF 2)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	PROJECT ID	PROJECT NAME:		SHEET NO.
								CR 850	LEE		CORKSCREW ROAD WIDENING - PHASE II		P1



ESTIMATED MODIFIED GRAVITY WALL QUANTITIES		
ITEM	UNIT	QUANTITY
CONCRETE LIGHT POLE PILASTER	CY	6.8

NOTE: CONCRETE QUANTITIES ARE BASED ON ASSUMED 10'-0" WALL LENGTH WITH 5'-0" HEIGHT ABOVE GROUND. ADJUST CONCRETE QUANTITIES IF WALL DIMENSIONS VARY FROM ASSUMED VALUES.

REVISIONS						THOMAS M. WAITS, P.E. P.E. LICENSE NUMBER 55460 HIGHSPANS ENGINEERING, INC. 2121 MCGREGOR BOULEVARD SUITE 200 FORT MYERS, FL 33901	DRAWN BY: SDS 04/21	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: CLH 04/21				PROJECT NAME:		
							DESIGNED BY: RMW 04/21	ROAD NO.	COUNTY	PROJECT ID	CORKSCREW ROAD WIDENING - PHASE II	SHEET NO.	
							CHECKED BY: TMW 04/21	CR 850	LEE			P2	

GENERAL NOTES

PROJECT TEMPORARY TRAFFIC CONTROL (TTC) REQUIREMENTS:

THE CONTRACTOR IS HEREBY ADVISED THE FOLLOWING NOTES, SKETCHES AND DIAGRAMS ARE INTENDED AS ONLY GUIDELINES FOR THE CONTRACTOR'S TTC PLAN. THE INFORMATION PRESENTED IS NOT TO BE CONSIDERED A COMPLETE AND DETAILED TTC PLAN. THE CONTRACTOR SHALL PROVIDE THE LABOR, EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE AND IMPLEMENT A COMPLETE TTC PLAN PER THE GUIDELINES AND STANDARDS NOTED TO FACILITATE THE CONSTRUCTION OF THE PROJECT.

THE CONTRACTOR'S TTC PLAN SHALL BE SIGNED & SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA WITH ADVANCED MOT CERTIFICATION. THE TTC PLAN SHALL BE APPROVED BY LCDOT PRIOR TO CONSTRUCTION. ALL COSTS ASSOCIATED WITH THE TTC PLAN, INCLUDING PREPARATION OF THE TTC PLAN SHALL BE INCLUDED WITH THE LUMP SUM MAINTENANCE OF TRAFFIC PAY ITEM.

LEGEND

-  Lane Identification and Direction of Traffic
-  Warning Sign
-  Work Zone Sign
-  Type III Barricade
-  Channelizing Device (See Index 102)
-  Portable Changeable (Variable) Message Sign
-  Advance Warning Arrow Panel
-  Work Area
-  Temporary Asphalt Pavement
-  Pedestrian Channelization

1. THE CONTRACTOR'S TEMPORARY TRAFFIC CONTROL (TTC) PLAN SHALL CONFORM TO THE 2009 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE 2022-23 FDOT STANDARD PLANS FOR ROAD CONSTRUCTION AND THE JANUARY 2022 FDOT STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION.
2. REGULATORY SPEED ESTABLISHED DURING CONSTRUCTION SHALL BE 45 M.P.H.
3. ARROWS IN THE TTC PLANS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
4. LOCATIONS OF ADVANCE WARNING AND OTHER RELATED CONSTRUCTION SIGNS AS DEPICTED ON THE TTC PLANS ARE APPROXIMATE AND THE CONTRACTOR SHALL POSITION SIGNS APPROPRIATELY CONSIDERING THE EXISTING FIELD CONDITIONS.
5. THE CONTRACTOR SHALL COORDINATE ALL SEASONAL, WEEKEND AND SPECIAL EVENTS AS THEY OCCUR. DURING GOVERNMENT CELEBRATED HOLIDAYS, HURRICANE OR OTHER CATASTROPHIC EVENTS, NO LANE CLOSURES ARE ALLOWED. ALL OTHER LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE COUNTY.
6. THE CONTRACTOR IS TO MAINTAIN SAFE ACCESS FOR PEDESTRIANS, PEDESTRIAN CROSSWALKS, BICYCLISTS, AND BUS OPERATIONS DURING CONSTRUCTION, UNLESS OTHERWISE NOTED. IF CLOSURES ARE NECESSARY, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE COUNTY TO DO SO. IF APPROVAL IS GRANTED THE CONTRACTOR SHALL SIGN APPROPRIATELY USING THE APPROPRIATE FDOT STANDARD INDEXES.
7. THE CONTRACTOR SHALL MAINTAIN SAFE VEHICULAR ACCESS TO ALL ADJACENT PROPERTY AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON ANY TEMPORARY CLOSING OF ACCESS PRIOR TO CONSTRUCTION. EXISTING STOP SIGNS SHALL BE UTILIZED IN ALL PHASES AND RELOCATED AS REQUIRED.
8. TRAFFIC DISRUPTIONS WHICH ARE NOT SHOWN BY THE TTC PLAN, BUT WHICH ARE NECESSARY TO CONSTRUCT THE PROJECT, SHALL BE SUBMITTED IN WRITING TO THE COUNTY AND APPROVAL SHALL BE OBTAINED 72 HOURS PRIOR TO COMMENCEMENT OF WORK. SUBMITTAL MATERIAL SHALL INCLUDE SKETCHES, CALCULATIONS AND OTHER DATA AS REQUIRED BY THE COUNTY.
9. THE CONTRACTOR SHALL PROVIDE A CREW, ON CALL 24 HOURS PER DAY, TO BE RESPONSIBLE TO ERECT, INSTALL, CONSTRUCT, RELOCATE, MAINTAIN AND REMOVE ALL TTC SIGNING, PAVEMENT MARKING, BARRIERS, BARRICADES AND OTHER DEVICES AS NECESSARY THROUGHOUT THE PROJECT AREA. SAID CREW SHALL RESPOND WITHIN 2 HOURS OF NOTIFICATION BY THE COUNTY.
10. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION SO AS NOT TO ALLOW THE ACCUMULATION OF WATER ON THE TRAVEL WAY. THIS INCLUDES MAINTAINING THE TEMPORARY AND PERMANENT DRAINAGE FACILITIES.

11. UTILITY/DRAINAGE RELOCATIONS INCLUDED WITHIN THE PROJECT LIMITS SHALL BE SPECIFICALLY PHASED INTO THE TTC PLAN AND COORDINATED WITH THE APPROPRIATE COMPANIES.
12. NO LANE CLOSURES WILL BE ALLOWED ON CORKSCREW RD. OR ALICO RD. BETWEEN THE HOURS OF 5:00 A.M. AND 9:00 P.M. ALL LANE CLOSURES SHALL BE PRE-APPROVED BY LEE COUNTY DOT. WRITTEN APPROVAL FROM LEE COUNTY DOT SHALL BE OBTAINED FOR ANY LANE CLOSURES. A LANE MAY ONLY BE CLOSED DURING ACTIVE WORK PERIODS. ALL LANE CLOSURES MUST BE REPORTED TO THE LOCAL EMERGENCY AGENCIES, THE MEDIA, AND LCDOT.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY DRAINAGE AND SHORING NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN. ALL COSTS ASSOCIATED WITH TEMPORARY DRAINAGE SHALL BE INCLUDED IN THE LUMP SUM MAINTENANCE OF TRAFFIC PAY ITEM (102-1).
14. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF TEMPORARY PAVEMENT, INCLUDING STABILIZATION, BASE, EARTHWORK AND SURFACE PAVEMENT, REQUIRED FOR LANE SHIFTS, DIVERSIONS, OR SPECIAL DETOURS SHALL BE INCLUDED IN THE LUM SUM MAINTENANCE OF TRAFFIC PAY ITEM (102-1) AND NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY PAVEMENT AND RELATED ITEMS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ANY TEMPORARY PAVEMENT IN REASONABLE CONDITION, UNDER ALL WEATHER CONDITIONS, FOR THE DURATION OF THE LANE SHIFT, DIVERSION OR SPECIAL DETOUR. IF AT ANY TIME THE TEMPORARY PAVEMENT IS POTHOLED, RUTTED, DUSTY, EXCESSIVELY DETERIORATED OR UNSTABLE, AS DETERMINED BY THE CEI AND/OR COUNTY, THE CONTRACTOR SHALL CORRECT THE TEMPORARY PAVEMENT AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE.

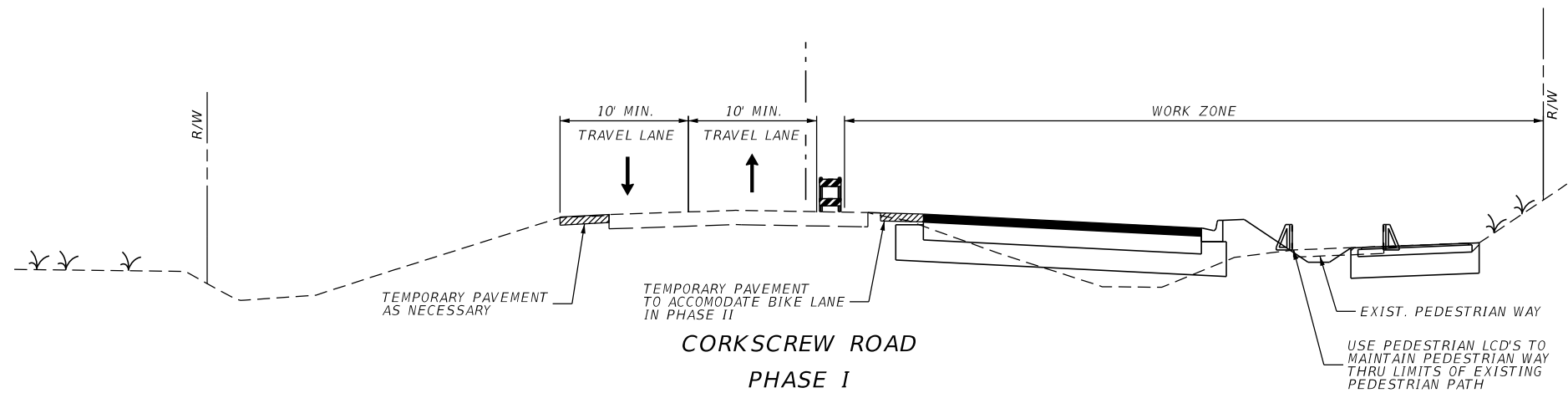
GENERAL NOTES

REVISIONS				 Cardno now  Stantec 1821 Victoria Avenue Fort Myers, FL 33901 Ph. 239-337-3330 Daniel M. Craig, P.E. #38590	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	CARDNO PROJ. NO.		TC-1
					CORKSCREW	LEE	18-0119		

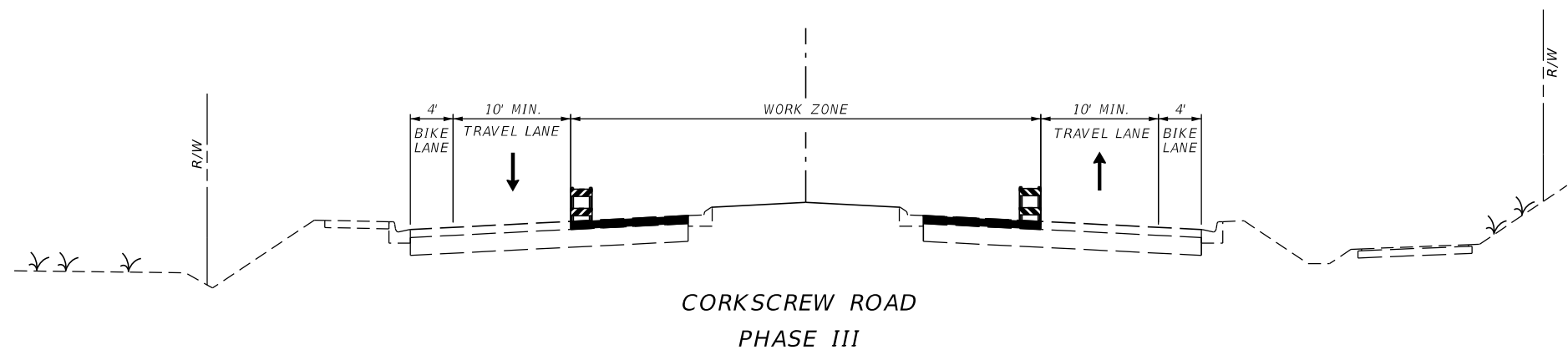
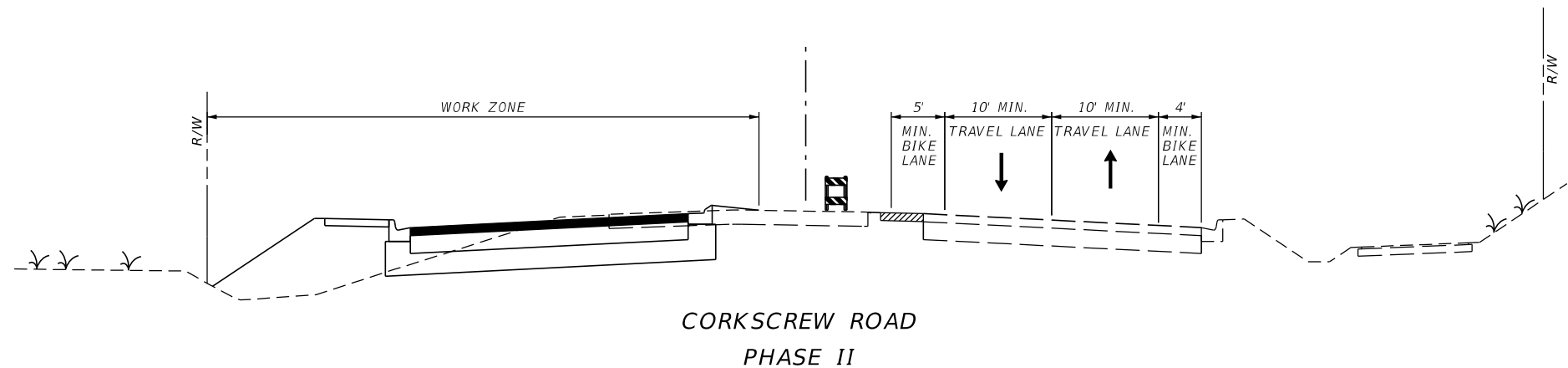
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PHASING NOTES ALICO RD. PHASE I 1. PLACE ADVANCED WARNING SIGNAGE AND ESTABLISH WORK ZONE FOR PHASE I (INDEX NO. 102-602). 2. CONSTRUCT WIDENING (INDEX NO. 102-602, 102-603) PHASE II 1. ADJUST ADVANCED WARNING SIGNAGE AND ESTABLISH WORK ZONE FOR PHASE II (INDEX NO. 102-602) 2. CONSTRUCT WIDENING (INDEX NO. 102-602, 102-603) PHASE III 1. ADJUST ADVANCED WARNING SIGNS AS NECESSARY. CONSTRUCT MILLING AND RESURFACING OF THE EXISTING PAVEMENT. (INDEX NO. 102-602, 102-603) 2. PLACE FRICTION COURSE OVER ALL TRAVEL LANES (INDEX NO. 102-602, 102-603) 3. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS. PHASE IV 1. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS. 2. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.				PHASING NOTES CORKSCREW RD. PHASE I 1. PLACE ADVANCED WARNING SIGNAGE AND CONSTRUCT TEMPORARY PAVEMENT ALONG NORTH SIDE OF EXISTING ROADWAY AND IN THE MEDIAN FOR TEMPORARY DIVERSION AS NECESSARY TO PREPARE FOR SET-UP OF PHASE I WORK ZONE (INDEX NO. 102-603). 2. REMOVE AND REPLACE EXISTING PAVEMENT MARKINGS TO ESTABLISH TWO LANE, TWO WAY TRAFFIC ON THE EXISTING/WIDENED ROADWAY (INDEX NO. 102-603). BIKE LANES PROVIDED FROM THE BEGINNING OF PHASE I TO PANTHER ISLAND BLVD. ADJUST STOP BARS & STOP SIGNS AND PROVIDE TEMPORARY STRIPING AS REQUIRED AT ALICO RD INTERSECTION. 3. MAINTAIN EXISTING PEDESTRIAN PATHWAY ON THE SOUTH SIDE OF THE ROADWAY WITH PEDESTRIAN CHANNELIZING DEVICES.(INDEX NO. 102-600, 102-660) 4. SET-UP PHASE I WORK ZONE. (INDEX NO. 102-600, 102-608, 102-620) CONSTRUCT DRAINAGE SYSTEM, UTILITIES, THE TWO EASTBOUND LANES OF NEW 4-LANE DIVIDED HIGHWAY AND THE ALICO SIGNAL AND RELATED ITEMS. CONSTRUCT TEMPORARY PAVEMENT IN EASTBOUND DIRECTION, NEAR ALICO RD. FOR USE IN PHASE II. CONSTRUCT TEMPORARY PAVEMENT IN THE WESTBOUND DIRECTION FOR USE AS BIKE LANE IN PHASE II. 5. UPON COMPLETION OF NEW PAVEMENT, MOVE PEDESTRIANS TO THE NEW PAVEMENT AND DEFINE PATHWAY WITH PEDESTRIAN CHANNELIZATION DEVICES, AND CONSTRUCT NEW PEDESTRIAN PATHWAY. (INDEX NO. 102-600, 102-660) 6. PLACE TEMPORARY SIGNING AND MARKING ON NEWLY CONSTRUCTED EASTBOUND LANES TO ESTABLISH TWO LANE, TWO WAY TRAFFIC WITH BIKE LANES FOR PHASE II WORK ZONE. PHASE II 1. ADJUST ADVANCED WARNING SIGNS AS NECESSARY AND MOVE CHANNELIZATION DEVICES TO ESTABLISH PHASE II WORK ZONE ON THE NEWLY CONSTRUCTED EASTBOUND LANES. ADJUST STOP BARS & STOP SIGNS AND PROVIDE TEMPORARY STRIPING AS REQUIRED AT ALICO RD INTERSECTION. (INDEX NO 102-602) 2. SET-UP PHASE II WORK ZONE. (INDEX NO. 102-600, 102-620, 102-608)CONSTRUCT THE TWO WESTBOUND LANES OF NEW 4 LANE DIVIDED HIGHWAY, INCLUDING DRAINAGE, UTILITIES, ALICO SIGNAL AND RELATED ITEMS, CURBS, SIDEWALK, AND SODDING. 3. PLACE TEMPORARY PAVEMENT MARKINGS FOR PHASE III WORK. PHASE III 1. ADJUST ADVANCED WARNING SIGNS AND CHANNELIZATION DEVICES TO ESTABLISH PHASE III WORK ZONE FOR THE INSIDE LANES AND MEDIAN AREA. PLACE ALICO SIGNAL INTO OPERATION FOR TEMPORARY CONDITIONS. 2. MOVE TRAFFIC TO THE OUTSIDE LANES OF THE 4 LANE DIVIDED HIGHWAY. PROVIDE LEFT TURNING LANES AT PANTHER ISLAND BLVD & CORKSCREW WOODS PKWY. 3. CONSTRUCT MEDIAN IMPROVEMENTS AND PLACE FRICTION COURSE ON THE INSIDES LANES. PHASE IV 1. ADJUST ADVANCE WARNING SIGNS AND CHANNELIZATION DEVICES AS NECESSARY TO ESTABLISH PHASE IV WORK ZONE FOR THE OUTSIDE LANES. 2. MOVE TRAFFIC TO THE INSIDE LANES OF THE 4 LANE DIVIDED HIGHWAY. 3. DIRECT BICYCLES TO THE NEWLY CONSTRUCTED PATH TO THE RIGHT OF THE EASTBOUND LANES. REOPEN BIKE LANES AS SOON AS SAFE TO DO SO. 4. PLACE FRICTION COURSE FOR OUTSIDE TRAVEL LANES IN EACH DIRECTION. 5. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS. 6. PLACE ALICO SIGNAL INTO OPERATION WITH FINAL LANE CONFIGURATIONS PHASE V 1. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS. 2. REMOVE ANY REMAINING TTC DEVICES.																				
REVISIONS <table><tr><th>DATE</th><th>DESCRIPTION</th><th>DATE</th><th>DESCRIPTION</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>				DATE	DESCRIPTION	DATE	DESCRIPTION					 Cardno now  Stantec 1821 Victoria Avenue Fort Myers, FL 33901 Ph. 239-337-3330 Daniel M. Craig, P.E. #38590		LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION <table><tr><th>ROAD NAME</th><th>COUNTY</th><th>CARDNO PROJ. NO.</th></tr><tr><td>CORKSCREW</td><td>LEE</td><td>18-0119</td></tr></table>		ROAD NAME	COUNTY	CARDNO PROJ. NO.	CORKSCREW	LEE	18-0119	TRAFFIC CONTROL		SHEET NO. TC-2
DATE	DESCRIPTION	DATE	DESCRIPTION																					
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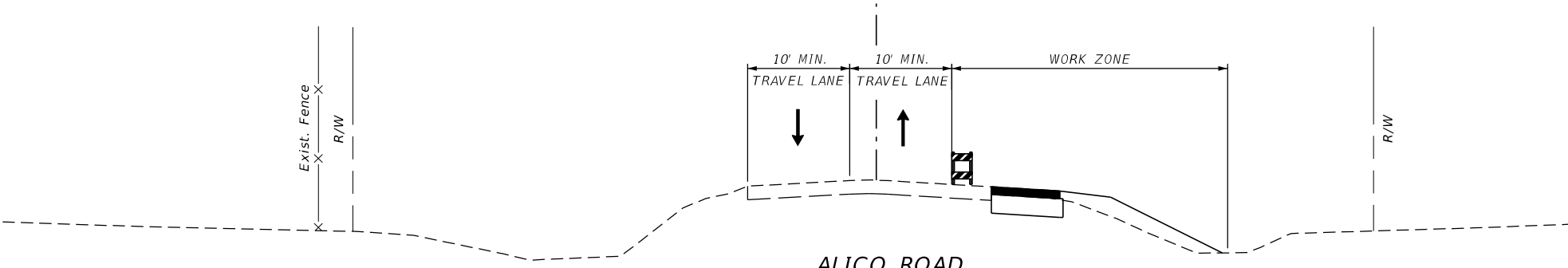


NOTE:
IN TTC PLAN PHASE I, BIKE LANE FACILITIES
ARE MAINTAINED FROM THE BEGINNING
OF PHASE I TO PANTHER ISLAND BLVD.
(NOT SHOWN IN THE TYPICAL SECTION)
AND ARE NOT REQUIRED FROM PANTHER
ISLAND BLVD TO ALICO ROAD.

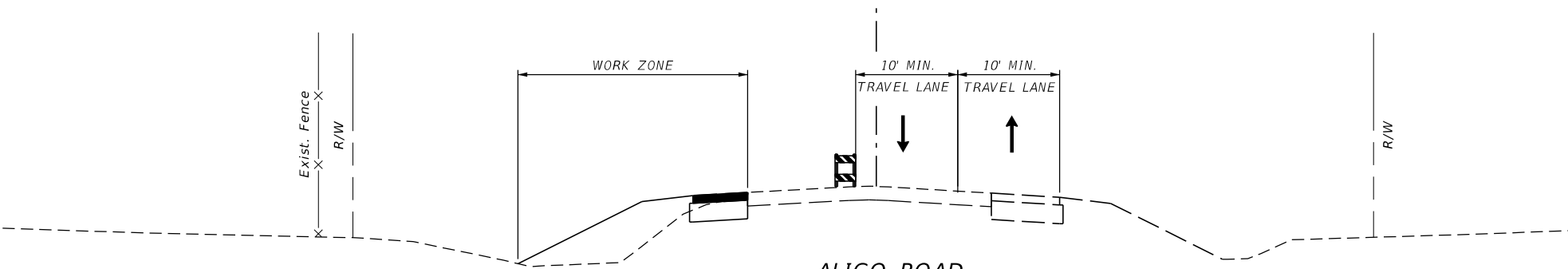


TYPICAL SECTIONS

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					CORKSCREW	LEE	18-0119		TC-3



ALICO ROAD
PHASE I
(SOUTHBOUND VIEW)

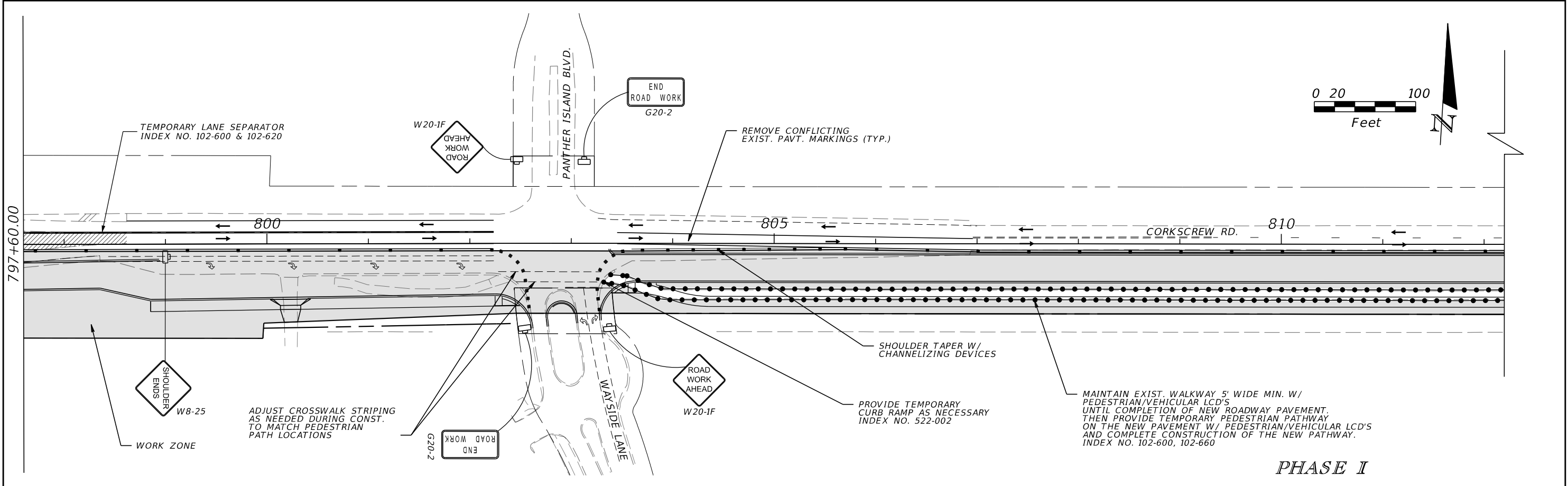
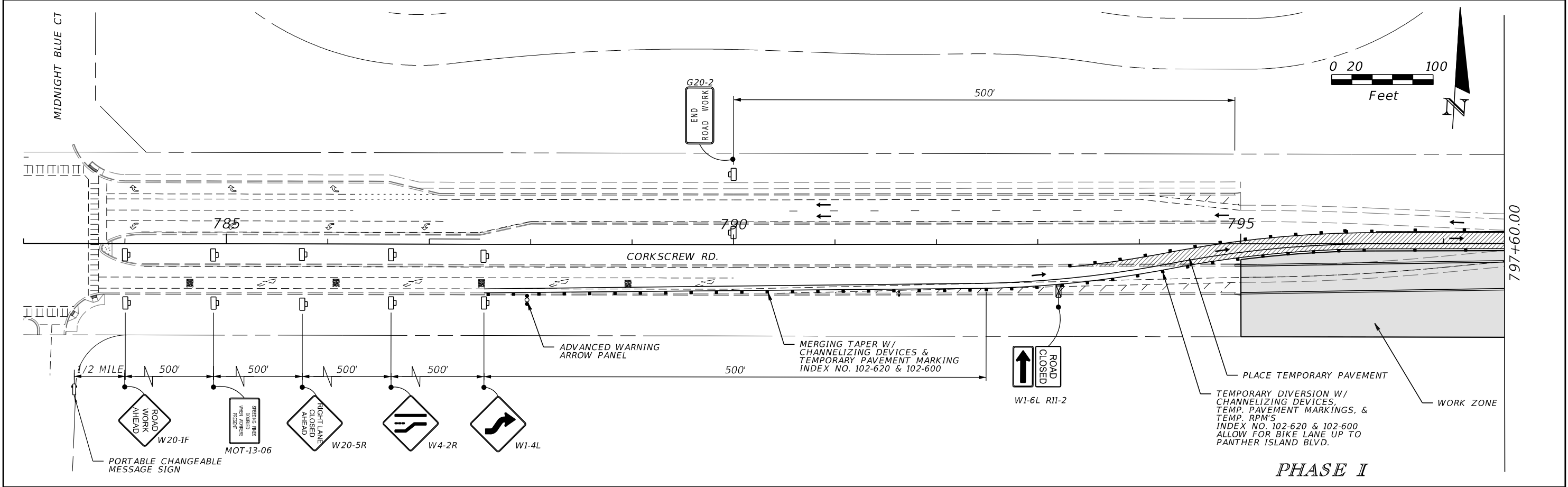


ALICO ROAD
PHASE II
(SOUTHBOUND VIEW)

TYPICAL SECTIONS

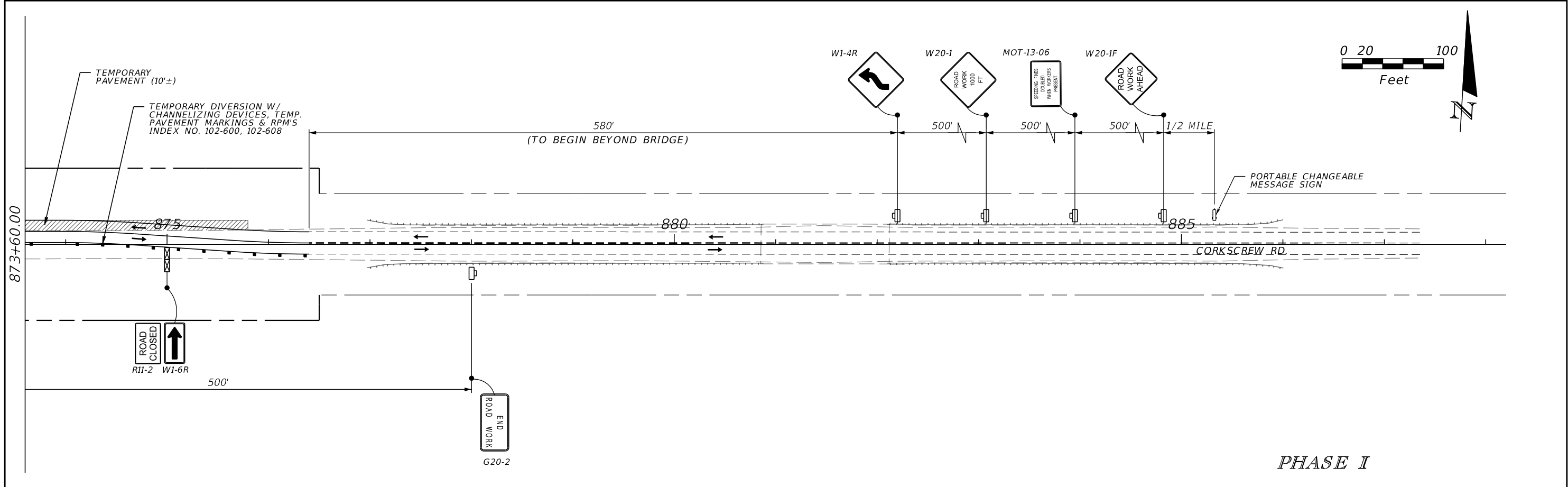
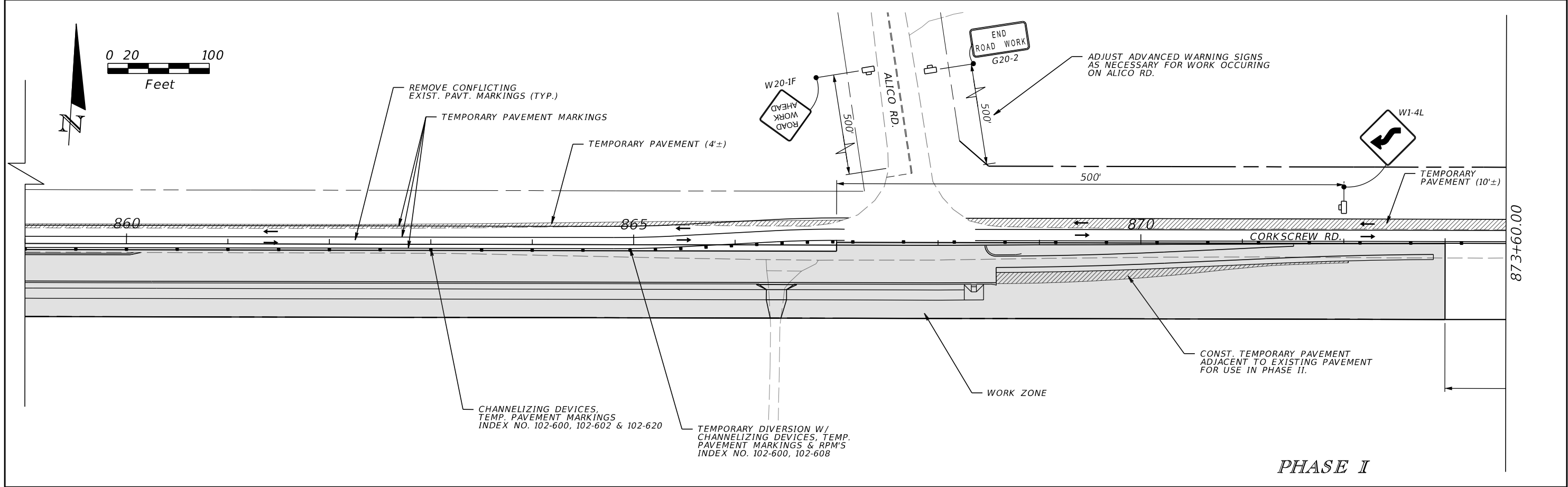
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								TC-4	

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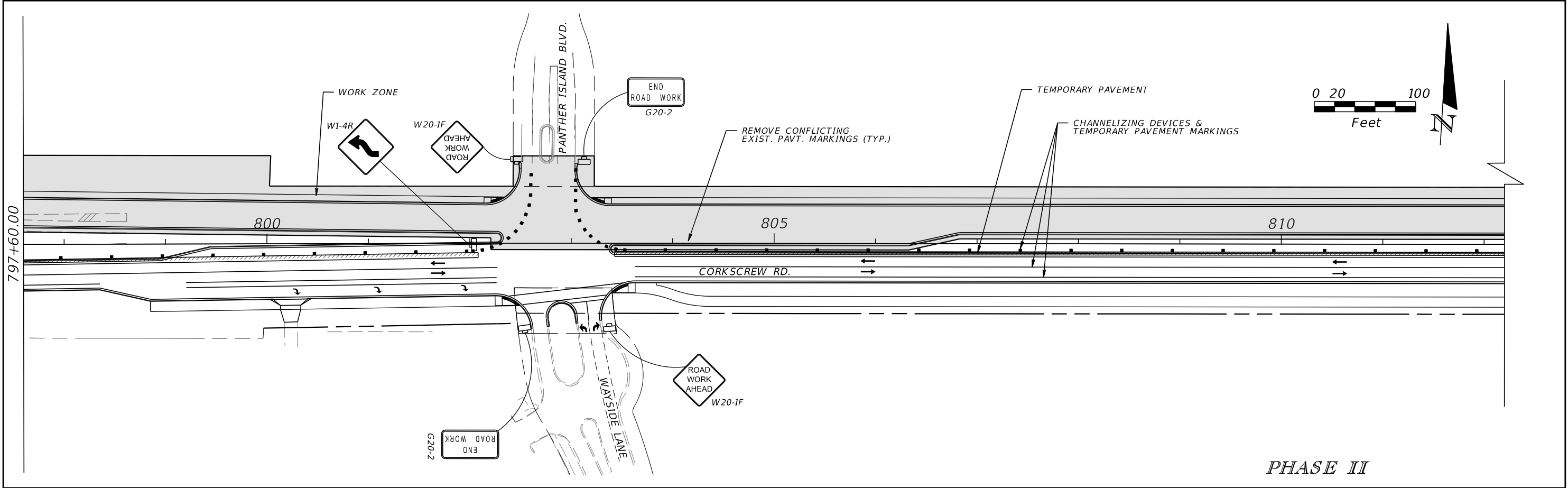
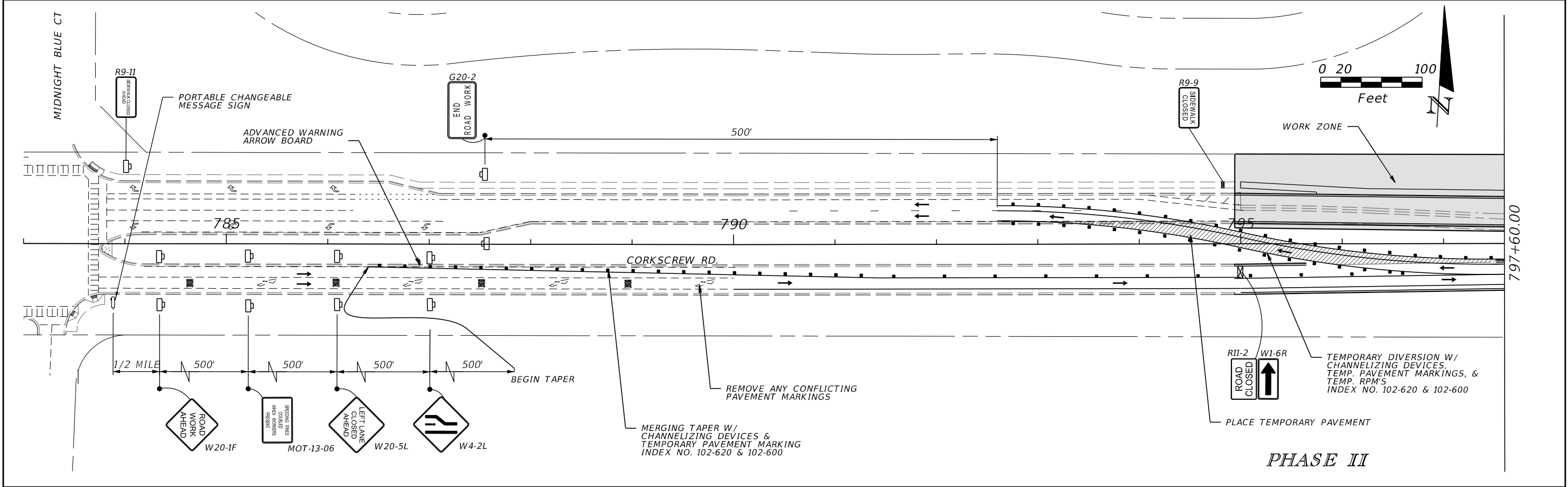
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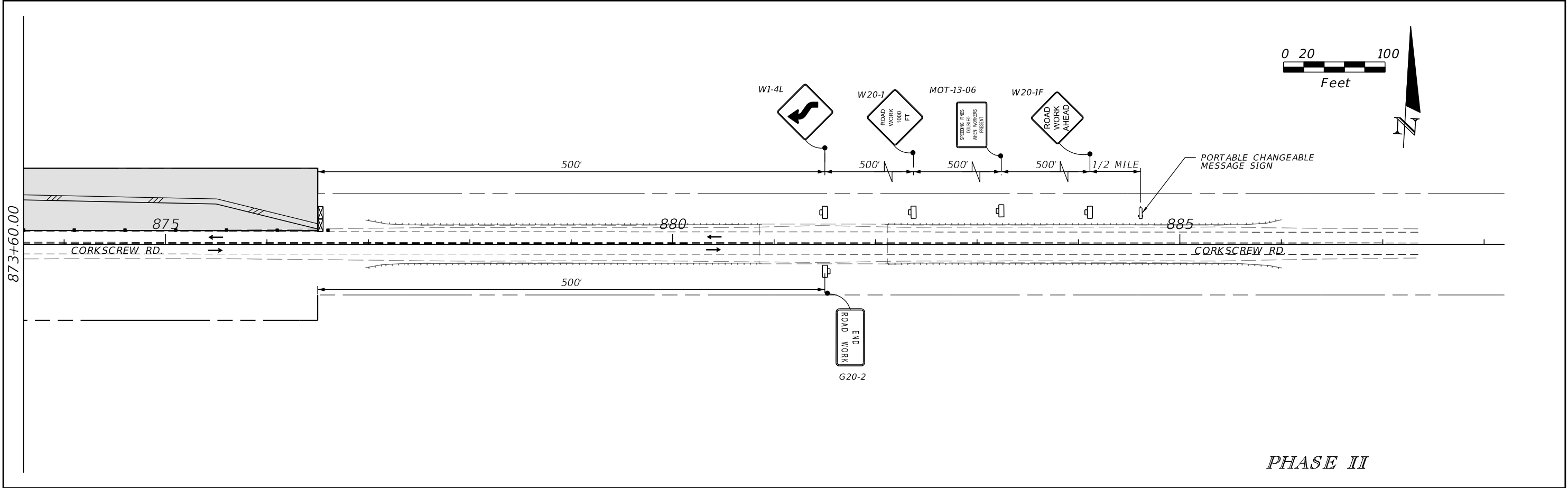
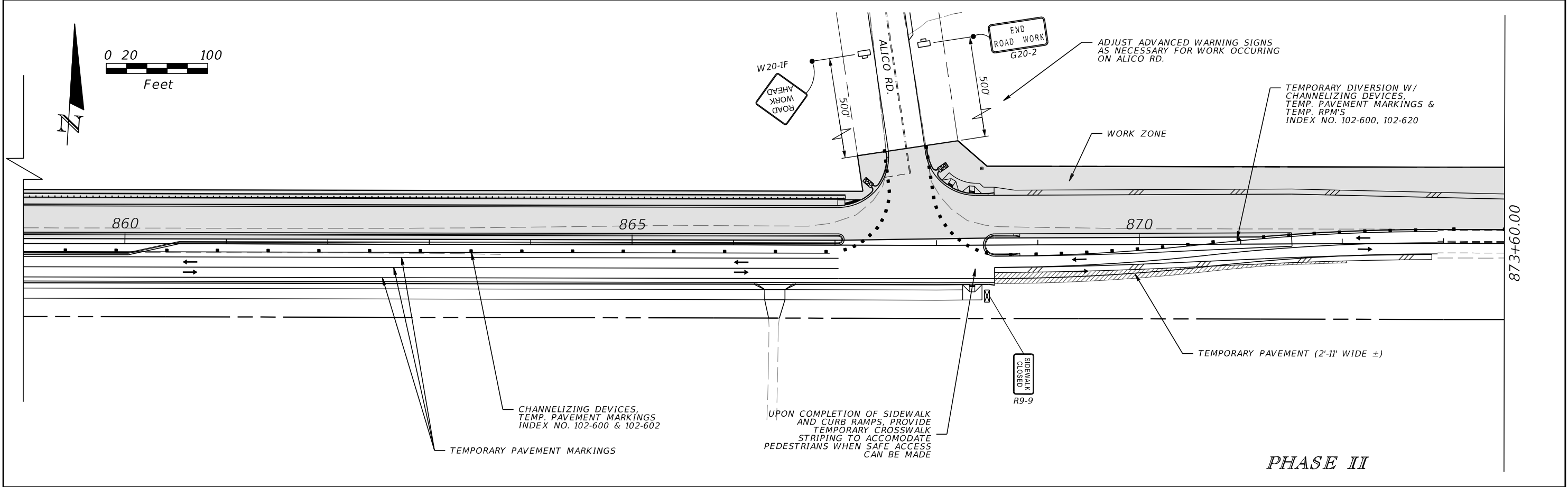
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								TC-8	

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