THIS PROJECT TO BE LET TO CONTRACT
WITH CONTRACT NO.: RFQ #0024-20

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

FROM SR 884 TO SR 82

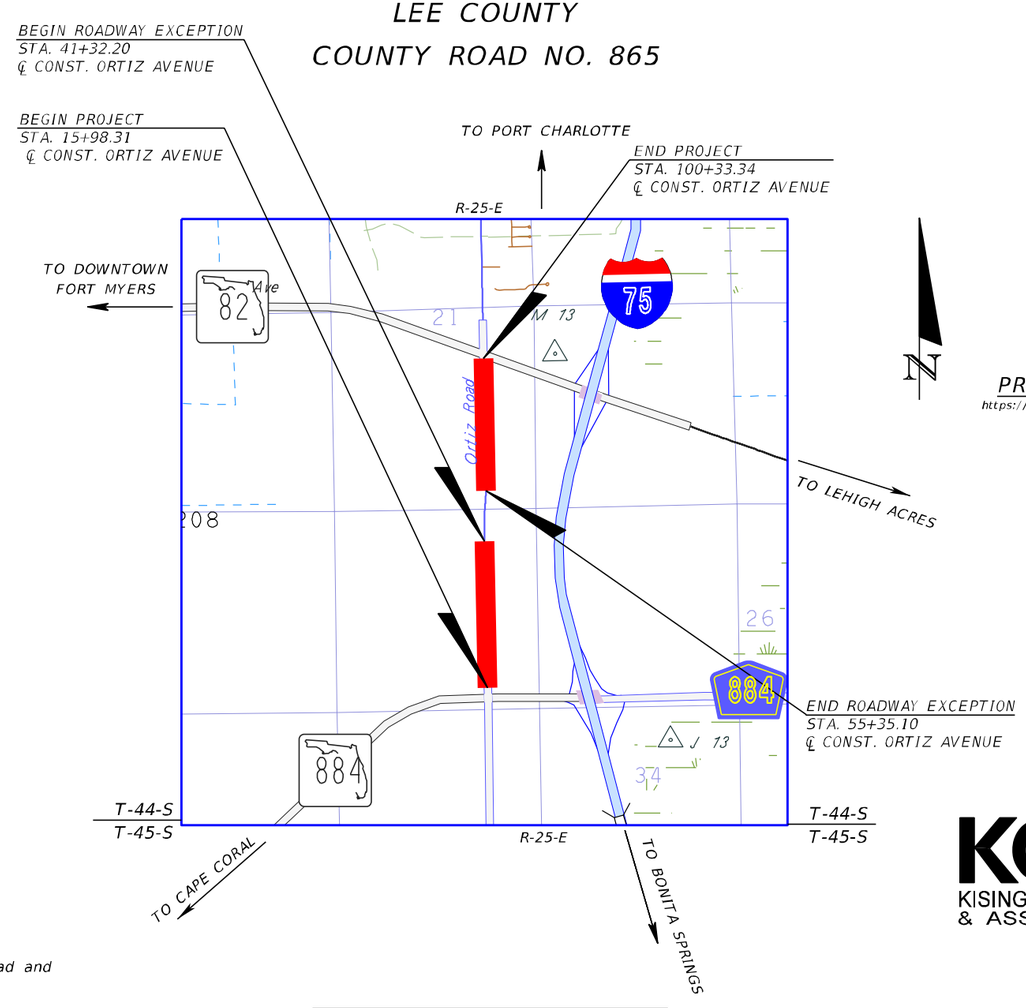
LEE COUNTY
COUNTY ROAD NO. 865

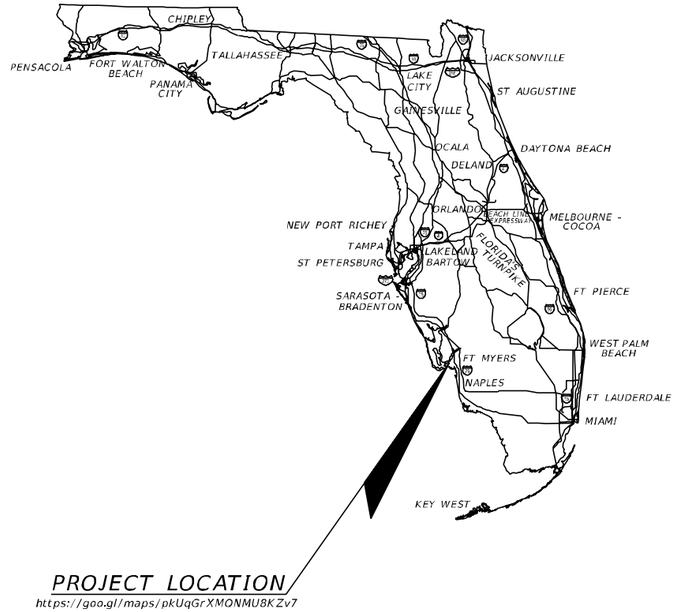
CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
INTELLIGENT TRANSPORTATION SYSTEMS PLANS
LIGHTING PLANS
LANDSCAPE PLANS
UTILITY PLANS

INDEX OF ROADWAY PLANS

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1, 1A, 2, 2A (C1)	KEY SHEET
2-2A	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4-8	DRAINAGE MAP
9-10	TYPICAL SECTION
11	TYPICAL SECTION DETAIL
12-14	SUMMARY OF DRAINAGE STRUCTURES
15	GENERAL NOTES
16-17	PROJECT CONTROL
18	PROJECT LAYOUT
19-35	ROADWAY PLAN
36-51	ROADWAY PROFILE
52-65	BACK OF SIDEWALK PROFILE
66-80	DRAINAGE STRUCTURES
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143-146	DRIVEWAY HALF-SECTION
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153	TEMPORARY TRAFFIC GENERAL NOTES
154	TEMPORARY TRAFFIC TYPICAL SECTION
155-170	UTILITY ADJUSTMENTS
171-172	SUMMARY OF VERIFIED UTILITIES
SQ-1-SQ-15	SUMMARY OF QUANTITIES





PROJECT LOCATION
https://goo.gl/maps/pkUqGrXMONMU8KZv7

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2023-24 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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

KEY SHEET REVISIONS

DATE	DESCRIPTION
12/5/24	C1 LCDOT PM UPDATE & ADDED SHEET(S): 1A, 2A

ROADWAY PLANS
ENGINEER OF RECORD:
ADRIENNE A. WISDOM, P.E.
P.E. NO.: 78492
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
13461 PARKER COMMONS BLVD., SUITE 104
FORT MYERS, FLORIDA 33912
PHONE: (239) 278-5999
FAX: (239) 278-1776
CONTRACT NO. CN18-8479

KCA KISINGER CAMPO & ASSOCIATES

C1 LCDOT PROJECT MANAGER:
KEITH RIDDLE, CGC

SHEET NO. 1

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

KEY SHEET CONTINUED

REVISION 1

1 CFM UTILITY SHEET(S): U-9 - U-12, U-43 - U56, U63, U-66, U83 (REV. 6/22/22)
LCU UTILITY SHEET(S): U-25 (REV. 8/22/22)
LIGHTING SHEET(S): L-1, L-2A, L-3, L-4 (REV. 11/30/23)
LANDSCAPE SHEET(S): COVER, 3, 5 - 21, 28, 30 - 31 (REV. 12/6/23)

REVISION 2

2 CFM UTILITY SHEET(S): U-29, U-56, U-83 (REV. 8/17/22)
LCU UTILITY SHEET(S): U-7 - U-9, U-21 - U-23, U-31, U-32, U-33A (REV. 4/5/23)

REVISION 3

3 CFM UTILITY SHEET(S): U-10 - U-12, U-52 - U-54, U-61, U-62, U-66, U-68 - U-69, U-72 - U-74 (REV. 4/3/23)

REVISION C1

C1 ROADWAY SHEET(S): 1, 1A, 2A, 3, 9, 30, 60, 122, 123, 131, 132, 145, 165, SQ-2, SQ-3, (REV. 12/5/24)
SQ-5 - SQ-9, SQ-13 - SQ-15 (REV. 12/5/24)
CFM UTILITY SHEET(S): U-1, U-8, U-11, U-12, U-24, U-25, U-27, U-34, U-38, U-51, U-52, U-54, (REV. 12/5/24)
U-60, U-61, U-69 (REV. 12/5/24)
LCU UTILITY SHEET(S): U-1, U-8, U-9, U-20, U-30 (REV. 12/5/24)
LIGHTING SHEET(S): L-1, L-2B, L-4, L-17 (REV. 12/5/24)
SIGNING AND PAVEMENT MARKING SHEET(S): S-1, S-3, S-4, S-17 (REV. 12/5/24)

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
4/5/24	C1 ADDED SHEET		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

KEY SHEET (2)

SHEET NO. 1A

ADRIENNE A. WISDOM
LICENSE
No 78492
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Adrienne Wisdom
2023.07.31 10:13:18-04'00'

ON THE DATE ADJACENT TO THE SEAL

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KISINGER CAMPO & ASSOCIATES CORP.
13461 PARKER COMMONS BLVD, SUITE 104
FORT MYERS, FL 33912
ADRIENNE A. WISDOM, P.E. NO.: 78492

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

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
9-10	TYPICAL SECTION
11	TYPICAL SECTION DETAIL
15	GENERAL NOTES
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155-170	UTILITY ADJUSTMENTS
171-172	SUMMARY OF VERIFIED UTILITIES
SQ-2-SQ-15	SUMMARY OF QUANTITIES

GEORGE R. BRINSON, JR.
LICENSE
No 47607
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

George R Brinson
Digitally signed by George R Brinson
DN: CN=George R Brinson, email=AU141D0600018596CE085300159E9B, C=Florida, C=US
Date: 2023.07.31 07:09:08-04'00'

ON THE DATE ADJACENT TO THE SEAL

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STANTEC.
1821 VICTORIA AVE,
FORT MYERS, FLORIDA 33901
GEORGE R. BRINSON, JR., P.E. NO.: 47607

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
4-8	DRAINAGE MAP
13-15	SUMMARY OF DRAINAGE STRUCTURES
66-80	DRAINAGE STRUCTURES
81-83	DRAINAGE DETAILS
147-152	STORMWATER POLLUTION PREVENTION PLAN
SQ-1	SUMMARY OF QUANTITIES

IVAN F. SOKOLIC
LICENSE
No 64114
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Ivan Sokolic
Digitally signed by Ivan Sokolic
Date: 2023.07.28 16:29:51 -04'00'

ON THE DATE ADJACENT TO THE SEAL

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ARDAMAN & ASSOCIATES, INC.
9970 BAVARIA ROAD,
FORT MYERS, FLORIDA 33913
IVAN F. SOKOLIC, P.E. NO.: 64114

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SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
84	SOIL SURVEY SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

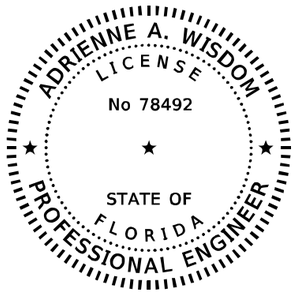
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNATURE SHEET

SHEET NO. 2



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Adrienne Wisdom 2024.12.17 17:22:02-05'00'

ON THE DATE ADJACENT TO THE SEAL

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KISINGER CAMPO & ASSOCIATES CORP.
13461 PARKER COMMONS BLVD, SUITE 104
FORT MYERS, FL 33912
ADRIENNE A. WISDOM, P.E. NO.: 78492

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

SHEET NO.	*SHEET DESCRIPTION*
1-1A	*KEY SHEET*
2A	*SIGNATURE SHEET*
3	*SUMMARY OF PAY ITEMS*
9	*TYPICAL SECTION*
30	*ROADWAY PLAN*
60	*BACK OF SIDEWALK PROFILE*
122-123,131-132	*CROSS SECTIONS*
145	*DRIVEWAY HALF-SECTION*
165	*UTILITY ADJUSTMENTS*
SQ-2,SQ-3,SQ-5-SQ-9, SQ-13-SQ-15	*SUMMARY OF QUANTITIES*

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
4/30/24	(1) ADDED SHEET		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNATURE SHEET (2)

SHEET NO. 2A

LEE COUNTY DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
CR 865 (ORTIZ AVENUE)

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY,
	ROADWAY ITEMS		
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
107-1	LITTER REMOVAL AND DISPOSAL	AC	~~553.85~~ 553.49
107-2	MOWING	AC	~~430.13~~ 429.96
110-1-1	CLEARING & GRUBBING	AC	32.68
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	1612
120-1	REGULAR EXCAVATION	CY	~~5124.0~~ 5140.1
120-6	EMBANKMENT	CY	~~90760.0~~ 90720.8
160-4	TYPE B STABILIZATION	SY	~~78939~~ 78999
285-701	OPTIONAL BASE GROUP 1	SY	8068
285-704	OPTIONAL BASE GROUP 4	SY	~~8376~~ 8372
285-709	OPTIONAL BASE GROUP 9	SY	~~47852~~ 47923
285-709B	OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY)	SY	~~5488~~ 5457
285-712B	OPTIONAL BASE GROUP 12 (TYPE B-12.5 ONLY)	SY	3206
327-70-6	MILLING EXISTING ASPHALT PAVEMENT (1 1/2" AVG. DEPTH)	SY	6562
334-1-12	SUPERPAVE ASPHALTIC CONCRETE, TYPE SP, TRAFFIC B (1 1/2")	TN	624.5
334-1-13	SUPERPAVE ASPHALTIC CONCRETE, TYPE SP, TRAFFIC C	TN	529.8
334-1-53	SUPERPAVE ASPHALTIC CONCRETE, TYPE SP, TRAFFIC C (PG 76-22)	TN	~~8254.4~~ 8266.3
337-7-83	ASPHALTIC CONCRETE, FRICTION COURSE FC-12.5, TRAFFIC C (PG 76-22) (1 1/2")	TN	~~5342.6~~ 5348.3
400-0-11	CONCRETE CLASS NS, GRAVITY WALL	CY	143.0
515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	404
520-1-7	CONCRETE CURB & GUTTER, TYPE E	LF	2889
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	316
520-2-2	CONCRETE CURB, TYPE B	LF	6
520-2-4	CONCRETE CURB, TYPE D	LF	32
520-5-11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	23
520-70	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	97
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	~~4683~~ 4670
527-2	DETECTABLE WARNINGS	SF	556
570-1-2	PERFORMANCE TURF, SOD	SY	~~95351~~ 95294

C1 C1 C1 C1 C1 C1

LEE COUNTY DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
CR 865 (ORTIZ AVENUE)

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY,
	DRAINAGE ITEMS		
104-10-3	Sediment Barrier	LF	14855
104-18	Inlet Protection System	EA	15
425-1-351	Inlet, Curb, P-5	EA	1
425-1-551	Inlet, Ditch Bottom (Type E) (<10')	EA	2
425-1-551	Inlet, Ditch Bottom (Type E) (<10'), CS	EA	6
425-1-561	Inlet, Ditch Bottom (Type F) (<10)	EA	3
425-1-581	Inlet, Ditch Bottom (Type H) (<10)	EA	1
425-2-41	Manhole, P-7 (<10)	EA	4
425-2-71	Manhole, J-7 (<10)	EA	34
430-174-118	Pipe Culvert, Side Drain, (18")	LF	135
430-174-218	Pipe Culvert, Side Drain, (12"X18")	LF	34
430-174-224	Pipe Culvert, Side Drain, (19"x30")	LF	195
430-174-236	Pipe Culvert, Side Drain, (29"x45")	LF	433
430-175-115	Pipe Culvert, Storm Drain (RCP) (15")	LF	301
430-175-118	Pipe Culvert, Storm Drain (RCP) (18")	LF	209
430-175-124	Pipe Culvert, Storm Drain (RCP) (24")	LF	1125
430-175-136	Pipe Culvert, Storm Drain (RCP) (36")	LF	376
430-175-142	Pipe Culvert, Storm Drain (RCP) (42")	LF	721
430-175-148	Pipe Culvert, Storm Drain (RCP) (48")	LF	1418
430-175-215	Pipe Culvert, Storm Drain (ERCP) (12"x18")	LF	37
430-175-218	Pipe Culvert, Storm Drain (ERCP) (14"x23")	LF	370
430-175-224	Pipe Culvert, Storm Drain (ERCP) (19"x30")	LF	182
430-175-230	Pipe Culvert, Storm Drain (ERCP) (24"x38")	LF	198
430-175-242	Pipe Culvert, Storm Drain (ERCP) (34"x53")	LF	2214
430-175-248	Pipe Culvert, Storm Drain (ERCP) (38"x60")	LF	495
430-175-254	Pipe Culvert, Storm Drain (ERCP) (43"x68")	LF	1826
430-524-100	Straight Concrete Endwall, 24"	EA	4
430-524-102	Straight Concrete Endwall, 19"X30"	EA	2
430-530-102	Straight Concrete Endwall, 24"X38"	EA	2
430-554-102	Straight Concrete Endwall, 43"X68"	EA	1
430-982-123	Mitered End Section, CD, 15"	EA	2
430-982-125	Mitered End Section, CD, 18"	EA	2
430-982-623	Mitered End Section, CD, 12"x18"	EA	1
430-982-625	Mitered End Section, CD, 14"x23"	EA	3
430-984-125	Mitered End Section, SD, 18"	EA	2
430-984-623	Mitered End Section, SD, 12"X18"	EA	4
430-984-629	Mitered End Section, SD, 19"x30"	EA	6
430-984-638	Mitered End Section, SD, 29"X45"	EA	2
430-984-641	Mitered End Section, SD, 38"X60"	EA	1
524-1-2	Concrete Ditch Pavement, non-reinforced, 4"	SY	90.51
524-1-49	Concrete Ditch Pavement, Reinforced, 6"	SY	1.87
530-3-4	RipRap, Rubble, F&I, Ditch Lining	TN	135.13
530-74	Bedding Stone	TN	94.12
570-1-2	Performance Turf (Sod) (For Structures Only)	SY	774

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

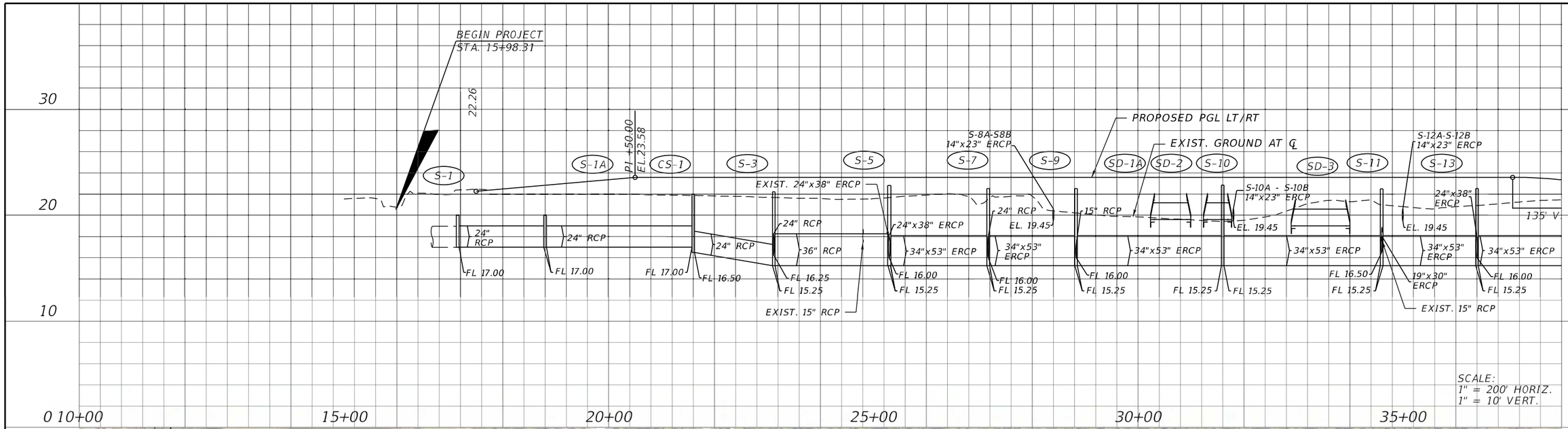
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

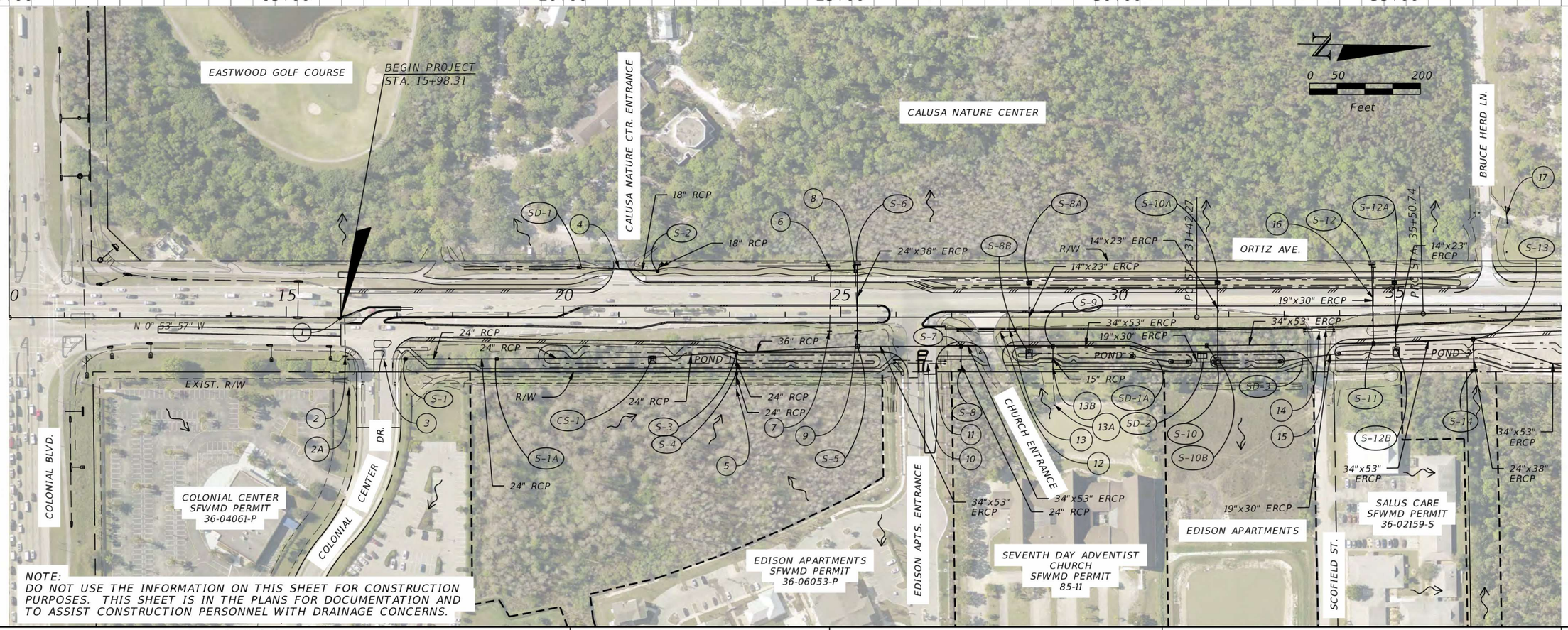
LEE COUNTY DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF PAY ITEMS

SHEET NO. 3





NOTE:
DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

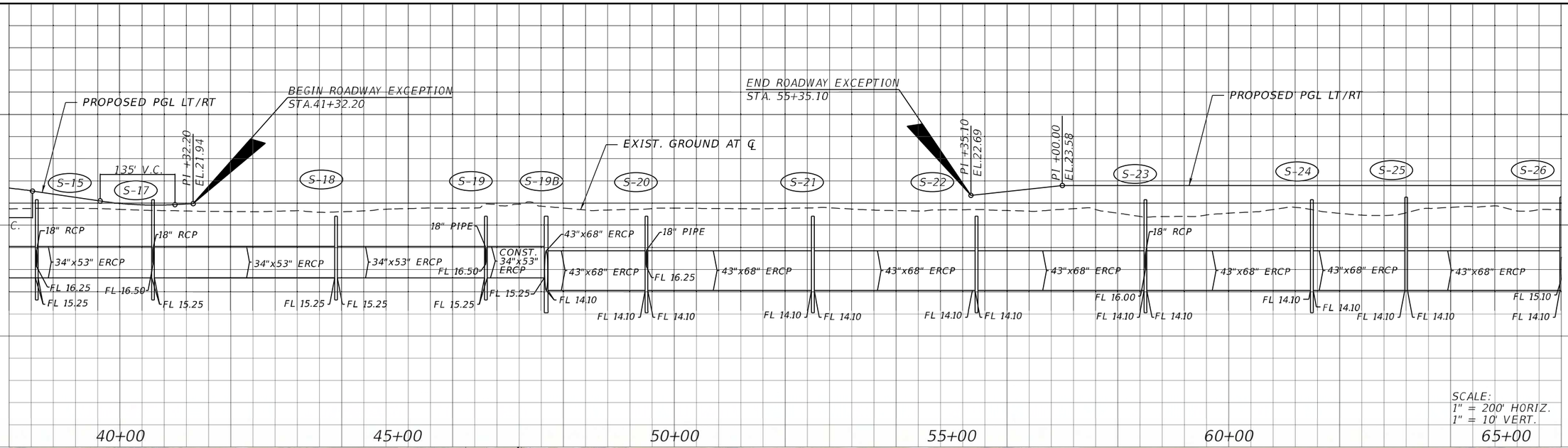
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

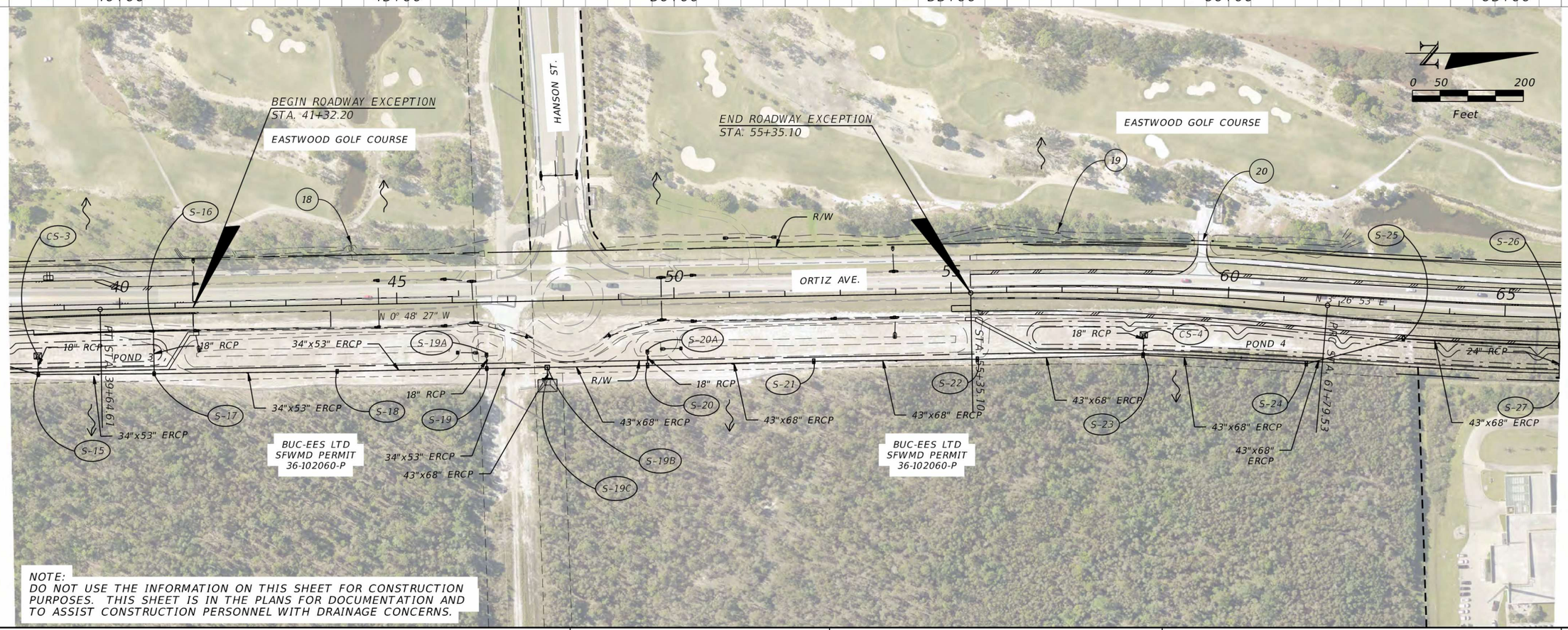
DRAINAGE MAP

SHEET NO. 4

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

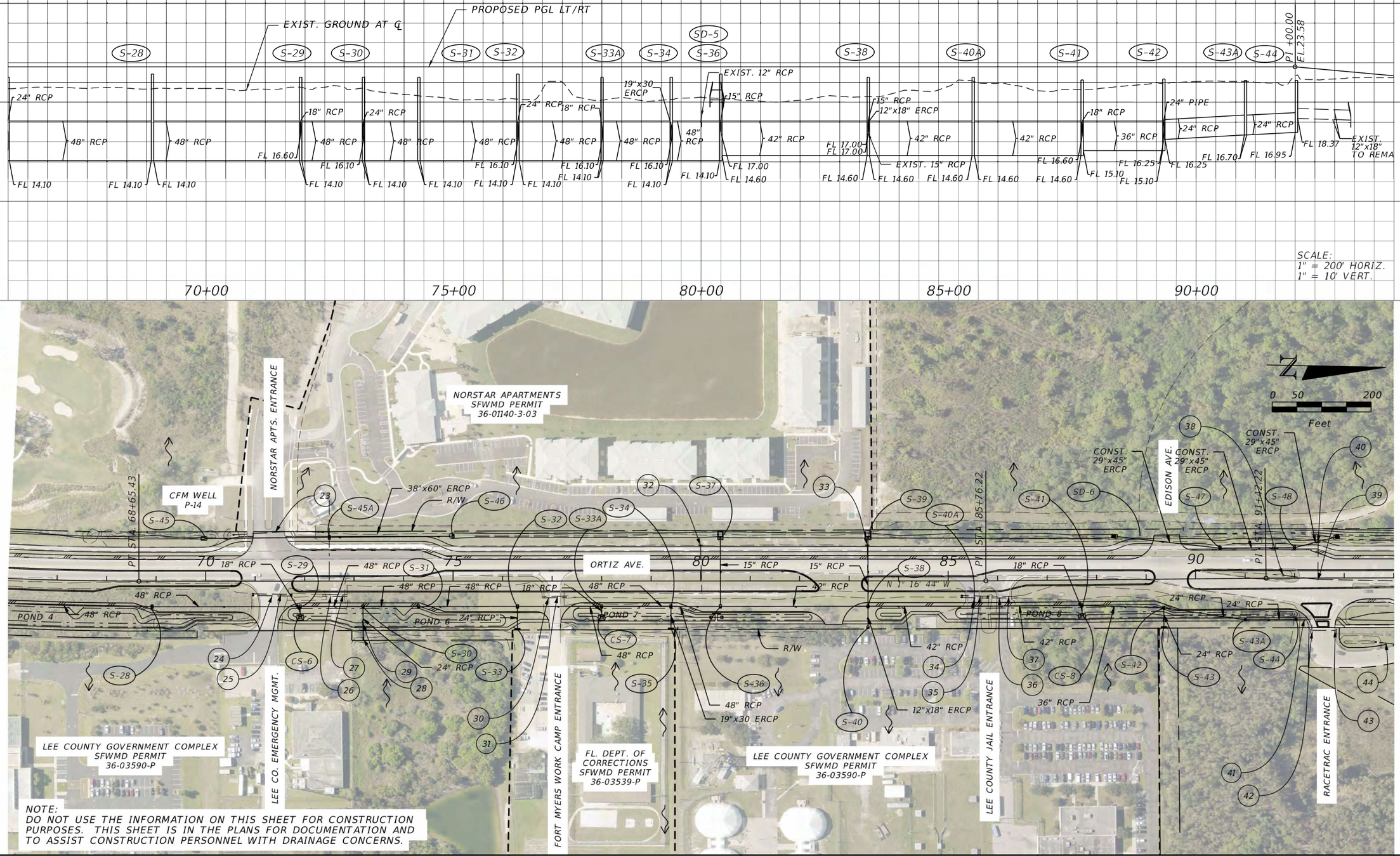
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE MAP

SHEET NO. 5

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

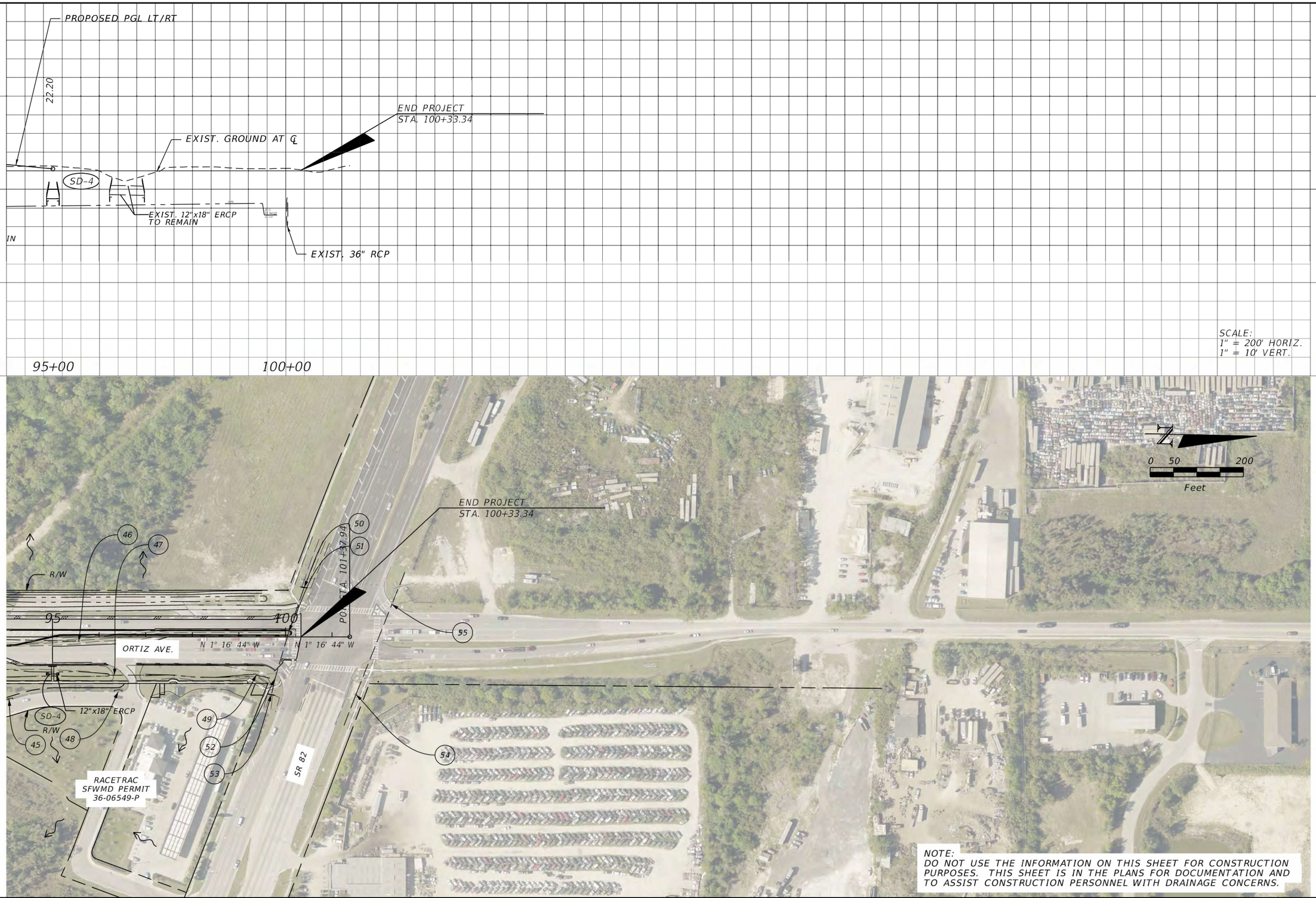
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE MAP

SHEET NO. 6

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE MAP

SHEET NO. 7

jowinter 7/27/2023 9:21:16 AM C:\Project\18-0016\drainage\DRMPRD01.dgn

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1. CATCH BASIN
GRATE EL. = 20.05'
E INV. EL. = 16.63' (18" RCP)

2. CONC. HEADWALL
INV. EL. = 16.22' (18" RCP)

2A. CATCH BASEN
GRATE EL = 18.69'
UNABLE TO MEAS. INVERT
FULL OF WATER & DEBRIS

3. 24"RCP
S END INV. EL. = 16.18'
N END INV. EL. = 16.97'

4. 18" RCP
N END INV. EL. = 17.07'
S END INV. EL. = 16.90'

5. CATCH BASIN
GRATE EL. = 22.17'
W INV. EL. = 16.77' (24" RCP)
NOTCH (EAST SIDE) INV. EL. = 18.57'

6. CONC. HEADWALL
INV. EL. = 17.57' (15" RCP)

7. CONC. HEADWALL
INV. EL. = 17.40' (15" RCP)

8. CONC. HEADWALL
INV. EL. = 15.62' (24" x 38" ERCP)

9. CONC. HEADWALL
INV. EL. = 15.95' (24" x 38" ERCP)

10. 24"RCP
S MES INV. EL. = 16.72'
N MES INV. EL. = 17.24'

11. 24" RCP
S MES INV. EL. = 16.79'
N MES INV. EL. = 16.83'

12. 30"RCP
S MES INV. EL. = 16.49'
N MES INV. EL. = 16.33'

13. 30" RCP
S MES INV. EL. = 16.48'
N MES INV. EL. = 16.36'

13A. CATCH BASIN
GRATE EL. = 19.40'
W INV. EL. = 16.20' (15" RCP)
NOTCH (CENTER INSIDE) INV. EL. = 17.13'
(12-29-2020)

13B. 15" RCP
INV. EL. = 16.22'
(12-29-2020)

14. 30" RCP
S MES INV. EL. = 16.49
N MES INV. EL. = 16.59

15. 30" RCP
S MES INV. EL. = 16.60
N MES INV. EL. = 16.32

16. CONC. HEADWALL
INV. EL. = 17.54' (15" RCP)
E END INV. EL. = 17.64' (15" RCP)

17. 12"x18" ERCP
W END INV. EL. = 17.84'
E END INV. EL. = 17.86'

18. 30" CPP
E END INV. EL. = 14.63'

19. CONC. HEADWALL
INV. EL. = 15.72' (15" CPP)

20. 12"x18" ERCP
S MES INV. EL. = 16.28'
M MES INV. EL. = 16.41'

21. NOT USED

22. NOT USED

23. 38" X 60" ERCP
N END INV. EL. = 15.71'
S END INV. EL. = 15.51'

24. 24"RCP
S MES INV. EL. = 17.60'
N MES INV. EL. = 17.70'

25. 24" RCP
S MES INV. EL. = 17.81'
N MES INV. EL. = 17.86'

26. 24" RCP
N END INV. EL. = 17.62'
S END INV. EL. = 17.63'

27. 24" RCP
N END INV. EL. = 17.55'
S END INV. EL. = 17.73'

28. CATCH BASIN
GRATE EL. = 20.44'
W INV. EL. = 17.29' (24" RCP)
0.43' WIDE NOTCH ON EAST
SIDE, INV. EL. = 18.52'
BOTTOM OF BOX EL. = 16.99'

29. 24" RCP
E MES INV. EL. = 17.18'

30. 24" RCP
N END INV. EL. = 17.50'
S END INV. EL. = 17.32'

31. 24" RCP
N END INV. EL. = 17.43'
S END INV. EL. = 17.30'

32. CONC. HEADWALL
INV. EL. = 17.05' (12" RCP)
E END INV. EL. = 17.68' (12" RCP)

33. CONC. HEADWALL
INV. EL. = 17.09' (15" RCP)
E END INV. EL. = 16.93' (15" RCP)

34. 24"RCP
S MES INV. EL. = 17.55'
N MES INV. EL. = 17.55'

35. 24"RCP
S MES INV. EL. = 17.52'
N MES INV. EL. = 17.55'

36. 24"RCP
S MES INV. EL. = 17.67'
N MES INV. EL. = 17.48'

37. 24"RCP
S MES INV. EL. = 17.37'
N MES INV. EL. = 17.51'

38. CATCH BASIN
GRATE EL. = 20.83'
N INV. EL. = 18.75' (12" X 18" ERCP)

39. STORM MANHOLE
RIM EL. = 22.27'
N INV. EL. = 17.38 (12"x18" ERCP)
W INV. EL. = 17.18 (15" RCP
S INV. EL. = 18.09 (12"x18" ERCP)

40. CONC. HEADWALL
INV. EL. = 17.16' (15" RCP)

41. 12" X 18" ERCP
S MES INV. EL. = 18.37'
N MES INV. EL. = 18.21'

42. CURB INLET
GRATE @ EOP EL. = 22.28'
N INV. EL. = 18.38' (UNABLE TO MEAS.)
STRUCTURE FULL OF DEBRIS

43. CURB INLET
GRATE @ EOP EL. = 22.19'
S INV. EL. = 14.39' (UNABLE TO MEAS.)
NE INV. EL. = 14.28' (UNABLE TO MEAS.)
STRUCTURE FULL OF DEBRIS

44. 15" RCP
MES INV. EL. = 19.26'

45. CURB INLET
GRATE @ EOP EL. = 22.81'
E INV. EL. = 19.31' (18" RCP)
S INV. EL. = 19.26' (15" RCP)

46. CATCH BASIN
GRATE EL. = 20.91'
S INV. EL. = 17.87' (12" RCP)

47. 12"x18" ERCP
S MES INV. EL. = 19.43'
N MES INV. EL. = 19.35'

48. CURB INLET
GRATE @ EOP EL. = 23.49'
SE INV. EL. = 19.48' (15" RCP)

49. CATCH BASIN
GRATE EL. = 18.38'
N INV. EL. = 16.86' (14" X 23" ERCP)

50. CONC. HEADWALL
INV. EL. = 14.65' (36" RCP)

51. STORM MANHOLE
RIM EL. = 22.39'
W INV. EL. = UNABLE TO MEAS.
E INV. EL. = 16.11' (36" RCP)
BOTTOM OF BOX EL. = 16.03'

52. STORM MANHOLE
RIM EL. = 22.56'
S INV. EL. = 17.00' (14" X 23" ERCP)
W INV. EL. = 16.15' (36" RCP)
E INV. EL. = 16.04' (36" RCP)
N INV. EL. = UNABLE TO MEAS.

53. CONC. HEADWALL
INV. EL. = 16.89' (36" RCP)

54. CATCH BASIN
GRATE EL. = 20.01'
NW INV. EL. = 15.69' (36" RCP)
SE (NORTHERLY PIPE) INV. EL. = 15.73' (24" RCP)
SE (SOUTHERLY PIPE) INV. EL. = 15.81' (24" RCP)
BOTTOM OF BOX EL. = 15.71'

55. STORM MANHOLE
RIM EL. = 21.10'
SE INV. EL. = 15.79' (36" RCP)
NE INV. EL. = 15.95' (24" RCP)
NW INV. EL. = 15.75' (36" RCP)

EXISTING DRAINAGE STRUCTURES

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

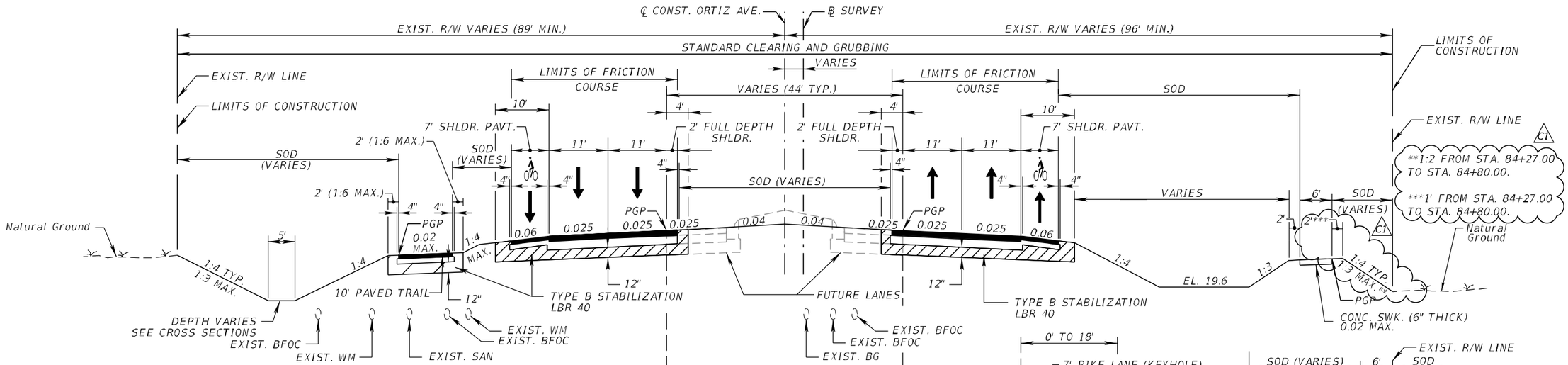
Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

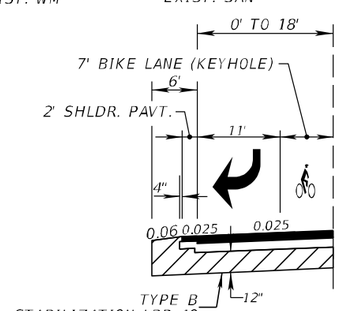
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE MAP

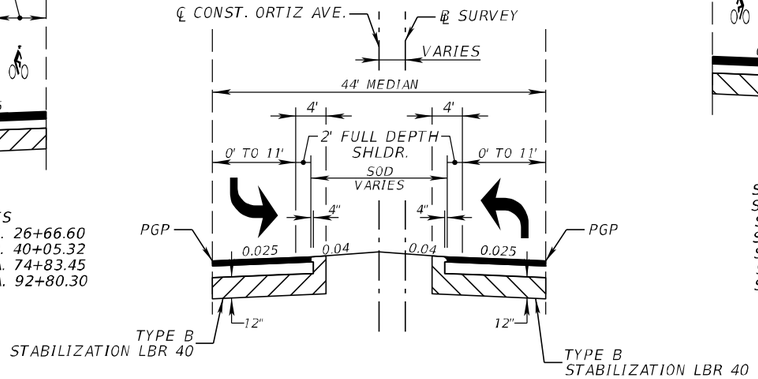
SHEET NO. 8



ORTIZ AVENUE
FROM STA. 15+98.31 TO STA. 41+32.20
FROM STA. 55+35.10 TO STA. 95+00.00

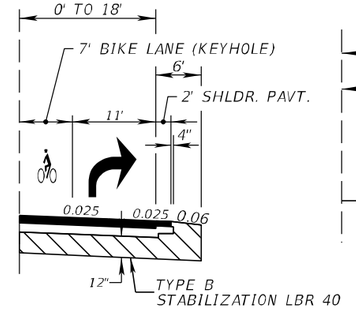


DETAIL LIMITS
STA. 21+59.02 TO STA. 26+66.60
STA. 37+21.23 TO STA. 40+05.32
STA. 72+02.77 TO STA. 74+83.45
STA. 89+93.62 TO STA. 92+80.30

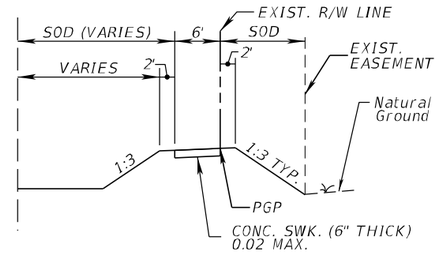


MEDIAN DETAIL LIMITS
STA. 17+02.98 TO STA. 20+37.98
STA. 26+88.73 TO STA. 29+73.73
STA. 71+90.09 TO STA. 74+83.45
STA. 83+40.46 TO STA. 86+00.67

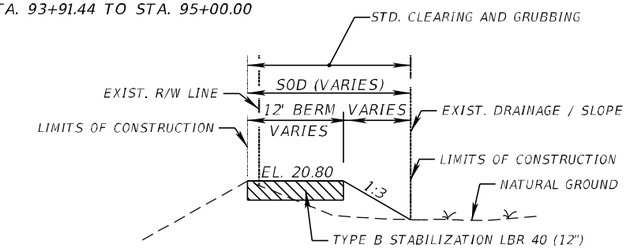
MEDIAN DETAIL LIMITS
STA. 21+37.72 TO STA. 25+72.71
STA. 67+74.39 TO STA. 70+57.40
STA. 86+07.48 TO STA. 89+03.39
STA. 94+15.14 TO STA. 95+00.00



DETAIL LIMITS
STA. 22+82.52 TO STA. 25+77.04
STA. 30+23.02 TO STA. 33+07.29
STA. 68+55.10 TO STA. 70+49.75 C1
STA. 74+33.45 TO STA. 76+69.25
STA. 79+53.34 TO STA. 82+10.69
STA. 89+18.39 TO STA. 91+85.67
STA. 93+91.44 TO STA. 95+00.00



DETAIL LIMITS
STA. 30+74.78 TO STA. 33+37.90
STA. 38+50.00 TO STA. 40+80.21
STA. 55+35.00 TO STA. 61+50.00
STA. 63+00.00 TO STA. 69+82.88
STA. 72+95.47 TO STA. 73+50.00



MAINTENANCE BERM DETAIL
STA. 40+80.21 TO STA. 55+35.00

NOTE: EXISTING UTILITY LOCATIONS ARE REPRESENTATIVE. FIELD VERIFY VERTICAL AND HORIZONTAL LOCATION OF ALL UTILITIES PRIOR TO COMMENCING WORK.

NOTE:
TYPE F CURB AND GUTTER (RT. OUTSIDE EDGE OF PAVEMENT) APPLICABLE FROM STA. 38+43.96 TO STA. 41+32.23.

MILLING AND RESURFACING APPLICABLE FROM:
STA. 12+69.15 TO STA. 15+98.31 NB (RT. OUTSIDE THRU LANE)
STA. 41+32.20 TO STA. 43+79.98 NB LANES
STA. 41+32.20 TO STA. 46+11.58 INSIDE SB LANE
STA. 55+00.00 TO STA. 55+35.00 OUTSIDE NB LANE

MILL EXISTING ASPHALT PAVEMENT (1 ½" AVG. DEPTH)
RESURFACE WITH FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)

GRAVITY WALL (SCHEME I) APPLICABLE FROM:
STA. 23+50.00 TO STA. 25+00.00 SB
STA. 28+86.00 TO STA. 30+59.99 NB
STA. 71+77.74 TO STA. 72+04.24 NB
STA 77+86.75 TO STA 78+13.25 NB
STA. 87+56.66 TO STA. 87+83.16 NB

*FROM STA 37+08.05 TO STA 41+32.00 AND STA 55+35.10 TO STA 57+00.00 USE OPTION BASE GROUP 12 (7.5" TYPE B-12.5 ONLY)

TRAFFIC DATA

COLONIAL CENTER DRIVE TO HANSON STREET
CURRENT YEAR = 2019 AADT = 18,000
ESTIMATED OPENING YEAR = 2025 AADT = 21,500
ESTIMATED DESIGN YEAR = 2045 AADT = 33,500
K = 9.00% D = 56.32% T = 8.0% (24 HOUR)
DESIGN HOUR T = 4.0%
DESIGN SPEED = 45 MPH

HANSON STREET TO RACETRAC FULL ACCESS
CURRENT YEAR = 2019 AADT = 18,000
ESTIMATED OPENING YEAR = 2025 AADT = 21,100
ESTIMATED DESIGN YEAR = 2045 AADT = 31,500
K = 9.00% D = 56.32% T = 8.0% (24 HOUR)
DESIGN HOUR T = 4.0%
DESIGN SPEED = 45 MPH

TRAVEL LANES*
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22)
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)

SHOULDER PAVEMENT
OPTIONAL BASE GROUP 4 WITH
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)

RIGHT TURN LANES
OPTIONAL BASE GROUP 9 (6" TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22) AND
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)

MULTI-USE TRAIL
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 ½")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 STATION LIMIT & SLOPE UPDATE		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

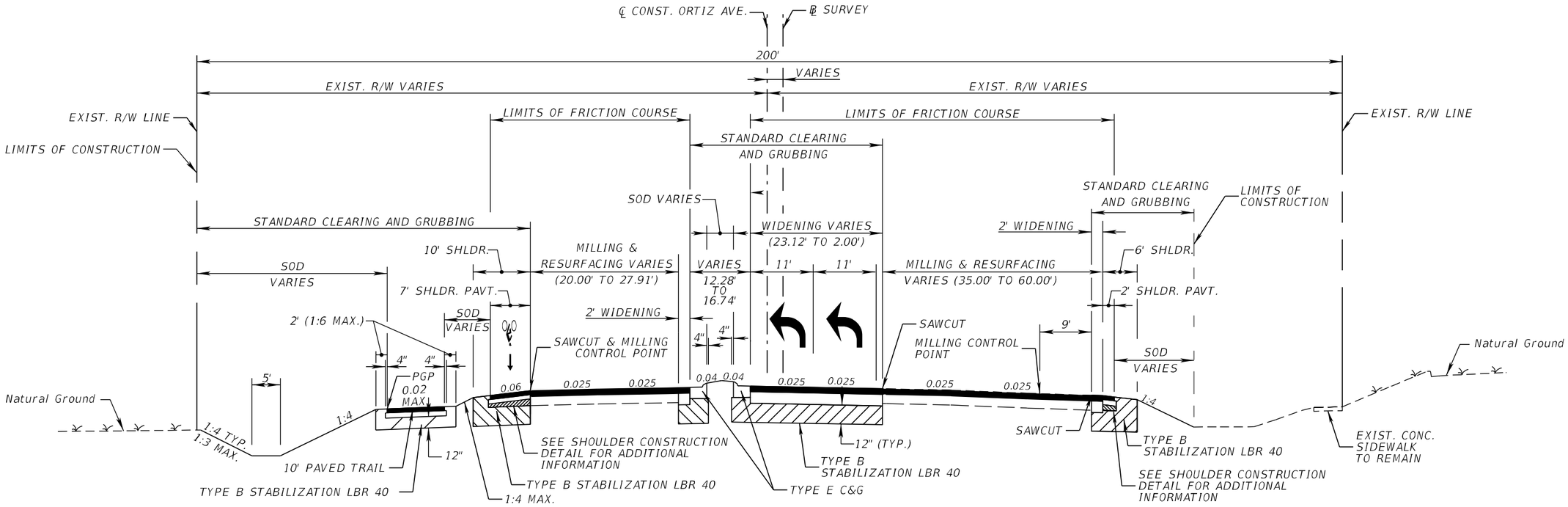
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

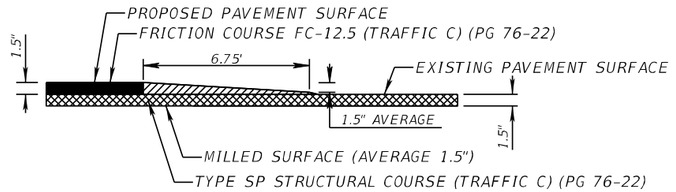
TYPICAL SECTION (1)

SHEET NO. 9

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jvillafuerte 12/6/2024 2:41:03 PM c:\pww\kca_prod\dms83769\TYPSRD01.dgn





ORTIZ AVENUE LONGITUDINAL PAVEMENT FEATHERING DETAIL

STA. 100+00.00 TO STA. 100+06.75

N.T.S.

MULTI-USE TRAIL

OPTIONAL BASE GROUP 1 WITH

TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 ½")

TRAFFIC DATA

RACETRAC FULL ACCESS TO SR 82

CURRENT YEAR = 2019 AADT = 21,500

ESTIMATED OPENING YEAR = 2025 AADT = 24,800

ESTIMATED DESIGN YEAR = 2045 AADT = 36,000

K = 9.00% D = 56.32% T = 8.0% (24 HOUR)

DESIGN HOUR T = 4.0%

DESIGN SPEED = 45 MPH

ORTIZ AVENUE

FROM STA. 95+00.00 TO STA. 100+33.34

WIDENING

OPTIONAL BASE GROUP 9 WITH

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22)

AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)

TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT (1 ½" AVG. DEPTH)

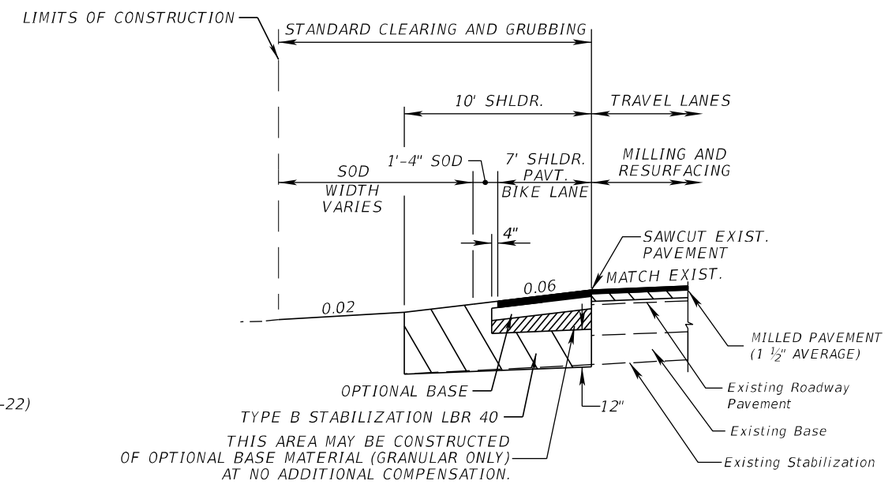
RESURFACE WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 ½") (PG 76-22)

AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 4 WITH

FRICTION COURSE FC-12.5 (TRAFFIC C) (1 ½") (PG 76-22)



SHOULDER CONSTRUCTION DETAIL

SEE PLAN SHEETS FOR LOCATIONS

N.T.S.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

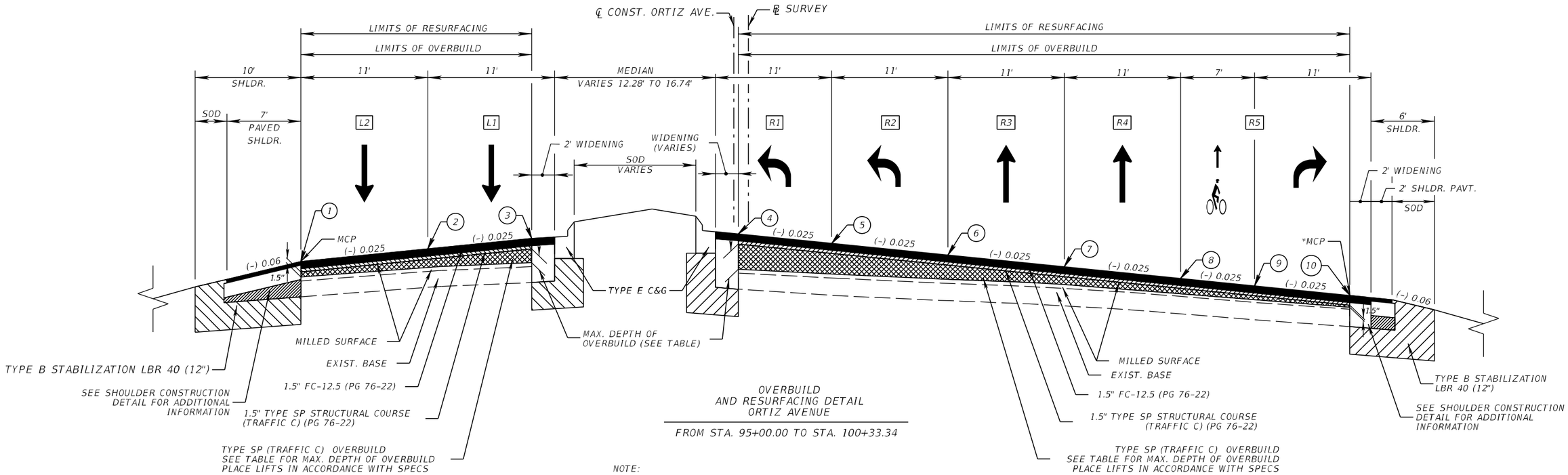
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TYPICAL SECTION (2)

SHEET NO. 10



OVERBUILD
AND RESURFACING DETAIL
ORTIZ AVENUE

FROM STA. 95+00.00 TO STA. 100+33.34

NOTE:

1. SEE ROADWAY PLAN FOR LIMITS OF MILLING & RESURFACING.

*2. MILLING CONTROL POINT RT. SHIFTS TO FOLLOW THE OUTSIDE POINT 9 AT STA. 99+00.00.

Overbuild Depth									
STA.	MCP/1			2			3		
	Δ (in)	Offset	Side	Δ (in)	Offset	Side	Δ (in)	Offset	Side
95+00	0.00	0.00'	–	0.00	11.00	RT.	0.00	20.00	RT.
96+00	0.00	0.00'	–	1.21	11.00	RT.	3.11	20.00	RT.
97+00	0.00	0.00'	–	1.42	11.00	RT.	2.53	20.00	RT.
98+00	0.00	0.00'	–	0.14	11.00	RT.	1.41	20.00	RT.
99+00	0.00	0.00'	–	0.83	11.00	RT.	2.36	20.00	RT.
100+00	0.00	0.00'	–	0.00	11.00	RT.	0.00	20.00	RT.
100+33.34	0.00	0.00'	–	0.00	11.00	RT.	0.00	20.00	RT.

STA.	Existing/Proposed Cross Slopes													
	L1		L2		R1		R2		R3		R4		R5	
	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.
95+00	2.11%	EXIST.	-1.09%	EXIST.	–	–	–	–	–	–	–	–	–	–
96+00	1.58%	2.50%	0.74%	2.50%	–	–	–	–	1.58%	2.50%	2.12%	2.50%	1.09%	2.50%
97+00	1.43%	2.50%	1.47%	2.50%	–	–	–	–	1.02%	2.50%	2.61%	2.50%	3.73%	2.50%
98+00	2.40%	2.50%	1.32%	2.50%	1.46%	2.50%	1.71%	2.50%	1.52%	2.50%	2.02%	2.50%	2.02%	2.50%
99+00	1.87%	2.50%	1.08%	2.50%	1.20%	2.50%	1.05%	2.50%	1.50%	2.50%	2.01%	2.50%	1.90%	2.50%
100+00.00	2.16%	EXIST.	1.52%	EXIST.	2.39%	1.30%	0.97%	1.30%	1.02%	1.30%	1.03%	1.30%	1.03%	1.30%
100+33.34	2.27%	EXIST.	1.52%	EXIST.	2.32%	EXIST.	-0.93%	EXIST.	0.98%	EXIST.	1.10%	EXIST.	–	–

Overbuild Depth																						
STA.	4			5			6			7			8 [1]			9			*MCP/10		
	Δ (in)	Offset	Side	Δ (in)	Offset	Side	Δ (in)	Offset	Side	Δ (in)	Offset	Side	Δ (in)	Offset	Side	Δ (in)	Offset	Side	Δ (in)	Offset	Side
95+00	0.00	60.00	LT.	0.00	49.00'	LT.	0.00	38.00'	LT.	0.00	27.00'	LT.	0.00	16.00'	LT.	0.00	9.00'	LT.	0.00	0.00'	–
96+00	–	60.00	LT.	–	49.00'	LT.	2.91	38.00'	LT.	1.69	27.00'	LT.	1.18	16.00'	LT.	1.52	9.00'	LT.	0.00	0.00'	–
97+00	–	60.00	LT.	–	49.00'	LT.	0.77	38.00'	LT.	-1.18	27.00'	LT.	-1.04	16.00'	LT.	-1.33	9.00'	LT.	0.00	0.00'	–
98+00	4.74	60.00	LT.	3.36	49.00'	LT.	2.32	38.00'	LT.	1.03	27.00'	LT.	0.41	16.00'	LT.	0.52	9.00'	LT.	0.00	0.00'	–
99+00	6.10	60.00	LT.	4.38	49.00'	LT.	2.47	38.00'	LT.	1.15	27.00'	LT.	0.50	16.00'	LT.	0.65	9.00'	LT.	0.00	0.00'	–
100+00	0.00	49.00	LT.	1.17	40.00'	LT.	0.74	29.00'	LT.	0.37	18.00'	LT.	0.23	7.00'	LT.	0.00	0.00'	–	–	–	–
100+33.34	0.00	51.00	LT.	0.00	40.00'	LT.	0.00	29.00'	LT.	0.00	18.00'	LT.	0.00	7.00'	LT.	0.00	0.00'	–	–	–	–

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TYPICAL SECTION DETAIL

SHEET NO. 11

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

QTY	STR.	STATION	SIDE	DESCRIPTION	BRLS	STORM DRAIN													MANHOLE		CURB INLET	DBI			MES					ENDWALL				SOD	COMMENTS
						ROUND						OTHER													ROUND		OTHER			RND	OTHER				
						15"	18"	24"	36"	42"	48"	12" x 18"	14" x 23"	19" x 30"	24" x 38"	34" x 53"	38" x 60"	43" x 68"	P-7 <10	J-7 <10	P-5 <10	E <10	F <10	H <10	15"	18"	12" x 18"	14" x 23"	38" x 60"	24"	19" x 30"	24" x 38"	43" x 68"	SOD SY	
P	S-1	17+15.00	RT	INLET, PIPE	1			161														1												
F																																		
P	S-1A	18+80.00	RT	INLET, PIPE	1			276														1												
F																																		
P	CS-1	21+60.00	RT	INLET, PIPE	1			148														1												CNTRL STR.
F																																		
P	S-2	21+70.00	LT	MH, PIPE	1		8												1															
F																																		
P	S-3	23+12.00	RT	MH, PIPE	1				214											1														
F																																		
P	S-4	23+12.00	RT	MH, PIPE	1			43											1															
F																																		
P	S-5	25+30.00	RT	MH, PIPE	1										145					1														
F																																		
P	S-6	25+30.00	LT	ENDWALL	1																											1		46	
F																																		
P	S-7	27+17.00	RT	MH, PIPE	1											183				1														
F																																		
P	S-8	27+17.00	RT	ENDWALL, PIPE	1			40																						1				38	
F																																		
P	S-8A	28+40.00	LT	INLET, PIPE	1								121										1											CONC. APRON
F																																		
P	S-8B	28+40.00	RT	MES	1																							1					24	
F																																		
P	S-9	28+83.00	RT	MH, PIPE	1	40										163				1														
F																																		
P	S-10	31+60.00	RT	MH, PIPE	1											274				1														
F																																		
P	S-10A	31+80.00	LT	INLET, PIPE	1								134										1											CONC. APRON
F																																		
P	S-10B	31+80.00	RT	MES	1																							1					24	
F																																		
P	S-11	34+60.00	RT	MH, PIPE	1											298				1														
F																																		
P	S-12	34+60.00	LT	ENDWALL, PIPE	1									140																		1		38	
F																																		
P	S-12A	35+00.00	LT	INLET, PIPE	1								115										1											CONC. APRON
F																																		
P	S-12B	35+00.00	RT	MES	1																							1					24	
F																																		
P	S-13	36+40.00	RT	MH, PIPE	1											176				1														
F																																		
P	S-14	36+40.00	RT	ENDWALL, PIPE	1										53																	1		46	
F																																		
P	S-15	38+50.00	RT	MH, PIPE	1											216				1														
F																																		
P	CS-3	38+50.00	RT	INLET, PIPE	1		26															1												CNTRL STR.
F																																		
P	S-16	40+60.00	RT	INLET, PIPE	1		73														1													
F																																		
P	S-17	40+60.00	RT	MH, PIPE	1											206				1														
F																																		
P	S-18	43+90.00	RT	MH, PIPE	1											327				1														
F																																		
P	S-19	46+60.00	RT	MH, PIPE	1											267				1														
F																																		
P	S-19A	46+60.00	RT	MES, PIPE	1		16																			1							25	
F																																		
P	S-19B	47+69.00	RT	MH, PIPE	1											104				1														
F																																		
P	S-19C	47+69.00	RT	ENDWALL, PIPE	1														18													1	91	
F																																		
SUBTOTAL:			PLAN QUANTITY			40	123	668	214				370	140	198	2214			18	2	12	1	4	3			1		3		1	1	2	1	356	
			FINAL QUANTITY																																

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 12

QTY	STR.	STATION	SIDE	DESCRIPTION	BRLS	STORM DRAIN													MANHOLE		CURB INLET	DBI			MES					ENDWALL				SOD	COMMENTS
						ROUND						OTHER													ROUND		OTHER			RND	OTHER				
						15"	18"	24"	36"	42"	48"	12" x 18"	14" x 23"	19" x 30"	24" x 38"	34" x 53"	38" x 60"	43" x 68"	P-7 <10	J-7 <10	P-5 <10	E <10	F <10	H <10	15"	18"	12" x 18"	14" x 23"	38" x 60"	24"	19" x 30"	24" x 38"	43" x 68"	SY	
P	S-20	49+50.00	RT	MH, PIPE	1													176		1														
F																																		
P	S-20A	49+50.00	RT	MES, PIPE	1		15																		1								25	
F																																		
P	S-21	52+50.00	RT	MH, PIPE	1													297		1														
F																																		
P	S-22	55+45.00	RT	MH, PIPE	1													291		1														
F																																		
P	S-23	58+50.00	RT	MH, PIPE	1													296		1														
F																																		
P	CS-4	58+50.00	RT	INLET, PIPE	1		28															1												CNTRL STR.
F																																		
P	S-24	61+50.00	RT	MH, PIPE	1													291		1														
F																																		
P	S-25	63+20.00	RT	MH, PIPE	1													178		1														
F																																		
P	S-26	66+00.00	RT	MH, PIPE	1													279		1														
F																																		
P	S-27	66+00.00	RT	ENDWALL, PIPE	1			54																					1				38	
F																																		
P	S-28	68+92.00	RT	MH, PIPE	1						291									1														
F																																		
P	S-29	71+91.00	RT	MH, PIPE	1						296									1														
F																																		
P	CS-6	71+91.00	RT	INLET, PIPE	1		14															1												CNTRL STR.
F																																		
P	S-30	73+18.00	RT	MH, PIPE	1			60			124									1														
F																																		
p	S-31	74+30.00	RT	MH, PIPE	1						109									1														
F																																		
P	S-32	76+30.00	RT	MH, PIPE	1						197									1														
F																																		
P	S-33	76+30.00	RT	ENDWALL, PIPE	1			43																					1				38	
F																																		
P	S-33A	78+00.00	RT	MH, PIPE	1						167									1														
F																																		
P	CS-7	78+00.00	RT	INLET, PIPE	1		14															1												CNTRL STR.
F																																		
P	S-34	79+40.00	RT	MH, PIPE	1						137									1														
F																																		
P	S-35	79+40.00	RT	ENDWALL, PIPE	1									42																		1		38	
F																																		
P	S-36	80+40.00	RT	MH, PIPE	1						97									1														
F																																		
P	S-37	80+40.00	LT	MES, PIPE	1	130																			1								23	
F																																		
P	S-38	83+38.00	RT	MH, PIPE	1					295										1														
F																																		
P	S-39	83+38.00	LT	MES, PIPE	1	131																			1								23	
F																																		
P	S-40	83+38.00	RT	MES, PIPE	1							37															1						23	
F																																		
P	S-40A	85+50.00	RT	MH, PIPE	1					209										1														
F																																		
P	S-41	87+70.00	RT	MH, PIPE	1					217										1														
F																																		
P	CS-8	87+70.00	RT	INLET, PIPE	1		15															1												CNTRL STR.
F																																		
P	S-42	89+35.00	RT	INLET, PIPE	1				162											1														
F																																		
P	S-43	89+35.00	RT	ENDWALL, PIPE	1			37																					1				38	
F																																		
P																																		
F																																		
SUBTOTAL:				PLAN QUANTITY		261	86	194	162	721	1418	37		42				1808		19		4			2	1	1			3	1		246	
				FINAL QUANTITY																														

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 13

QTY	STR.	STATION	SIDE	DESCRIPTION	BRLS	STORM DRAIN ROUND 15"	ROUND 18"	ROUND 24"	ROUND 36"	ROUND 42"	ROUND 48"	OTHER 12" x 18"	OTHER 14" x 23"	OTHER 19" x 30"	OTHER 24" x 38"	OTHER 34" x 53"	OTHER 38" x 60"	OTHER 43" x 68"	MANHOLE P-7 <10	MANHOLE J-7 <10	CURB INLET P-5 <10	DBI E <10	DBI F <10	DBI H <10	MES ROUND 15"	MES ROUND 18"	MES OTHER 12" x 18"	MES OTHER 14" x 23"	MES OTHER 38" x 60"	ENDWALL RND 24"	ENDWALL OTHER 19" x 30"	ENDWALL OTHER 24" x 38"	ENDWALL OTHER 43" x 68"	SOD SY	COMMENTS
P	S-43A	91+00.00	RT	MH, PIPE	1			164											1																
F																																		
P	S-44	92+03.00	RT	MH, PIPE	1			99											1																
F																																		
P	S-45	70+00.00	LT	MES	1																								1				38	
F																																		
P	S-45A	72+50.00	LT	MH, PIPE	1												248			1														
F																																		
P	S-46	75+00.00	LT	INLET, PIPE	1												247							1										
F																																		
P	S-47	90+50.00	LT	MH	1															1														SEE SDRAIN TBL
F																																		
P	S-48	92+00.00	LT	MH	1															1														SEE SDRAIN TBL
F																																		
SUBTOTAL:				PLAN QUANTITY				263									495		2	3				1					1				38	
				FINAL QUANTITY																														
TOTAL				PLAN QUANTITY		301	209	1125	376	721	1418	37	370	182	198	2214	495	1826	4	34	1	8	3	1	2	2	1	3	1	4	2	2	1	640	
				FINAL QUANTITY																														

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

NO.	STA. TO STA.	SIDE	BACK OFFSET	BACK Ft	AHEAD OFFSET	AHEAD Ft	PIPE ROUND 18" P	PIPE ROUND 18" F	PIPE OTHER 12"x18" P	PIPE OTHER 12"x18" F	PIPE OTHER 19"x30" P	PIPE OTHER 19"x30" F	PIPE OTHER 29"x45" P	PIPE OTHER 29"x45" F	MES ROUND 18" P	MES ROUND 18" F	MES OTHER 12"x18" P	MES OTHER 12"x18" F	MES OTHER 19"x30" P	MES OTHER 19"x30" F	MES OTHER 29"x45" P	MES OTHER 29"x45" F	SOD	DESIGN NOTES	CONSTRUCTION REMARKS
SD-1	20+30.00 - 21+76.00	LT	90.00	17.25	94.00	17.29	135.0								2								18	See S-2	
SD-1A	30+28.85 - 30+94.07	RT	71.00	19.60	79.90	19.60					61.0								2				20		
SD-2	31+29.00 - 31+71.60	RT	80.85	19.60	80.85	19.60					38.0								2				20		
SD-3	32+94.60 - 33+94.60	RT	80.42	19.00	68.50	19.00					96.0								2				20		
SD-4	94+89.66 - 95+10.66	RT	79.77	19.00	79.80	19.00			17.0								2						16		
SD-5	80+21.00 - 80+42.00	RT	73.50	20.25	73.50	20.25			17.0								2						16		
SD-6	88+40.00 - 92+81.31	LT	86.96	16.10	82.04	16.50							433.0								2		24	See S-47 & S-48	
						TOTAL:	135		34		195		433		2		4		6		2		134		

SUMMARY OF DITCH PAVEMENT

STRUCTURE NO. & TYPE		SIDE	AREA (SF)	CONCRETE DITCH PAVEMENT NON-REINFORCED (4") 0524 1 2 SY P	CONCRETE DITCH PAVEMENT NON-REINFORCED (4") 0524 1 2 SY F	CONCRETE DITCH PAVEMENT REINFORCED (6") 0524 1 49 SY P	CONCRETE DITCH PAVEMENT REINFORCED (6") 0524 1 49 SY F	BEDDING STONE 530-74 TN P	BEDDING STONE 530-74 TN F	RIPRAP - RUBBLE (DITCH LINING) 0530 3 4 TN P	RIPRAP - RUBBLE (DITCH LINING) 0530 3 4 TN F	DESIGN NOTES	CONSTRUCTION REMARKS
S-6	ENDWALL 24"x38"	LT	58.78					3.38		4.85			
S-8B	MES 14"x23"	RT	147.75					8.50		12.20			
S-10B	MES 14"x23"	RT	116.20					6.68		9.59			
S-12	ENDWALL 19"x30"	LT	69.58					4.00		5.74			
S-12B	MES 14"x23"	RT	153.80					8.84		12.70			
S-19C	ENDWALL 43"x68"	RT	748.00					43.01		61.75			
S-37	MES 15"	LT	151.66					8.72		12.52			
S-39	MES 15"	LT	191.10					10.99		15.78			
CS-1	CONTROL STRUCTURE	RT	164.34	18.26									
CS-1	CONTROL STRUCTURE (VERTICAL FACE)	RT	16.81			1.87							
CS-3	CONTROL STRUCTURE	RT	130.06	14.45									
CS-4	CONTROL STRUCTURE	RT	130.06	14.45									
CS-6	CONTROL STRUCTURE	RT	130.06	14.45									
CS-7	CONTROL STRUCTURE	RT	130.06	14.45									
CS-8	CONTROL STRUCTURE	RT	130.06	14.45									
		TOTAL:		90.51		1.87		94.12		135.13			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 14

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

GENERAL NOTES:

1. THE HORIZONTAL CONTROL FOR THIS PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 (2011). ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
   SCOTT URQUHART, PSM
   PSM NO.: LS4920
   5670 ZIP DRIVE
   FORT MYERS, FL 33905
   CERTIFICATE OF AUTHORIZATION: LB8336

3. NATURAL GROUND FEATURES SHOWN FROM STA. 36+30.00 TO 66+00.00, APPROXIMATELY, REFLECT FIELD SURVEY DATA COLLECTION PERFORMED BETWEEN DECEMBER 28TH AND DECEMBER 29TH, 2020.

4. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE ROADWAY PROJECT LIMITS TO BE REMOVED UNLESS STATED OTHERWISE. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE ROADWAY EXCEPTION LIMITS (HANSON STREET ROUNDABOUT) ARE TO REMAIN UNLESS STATED OTHERWISE.

5. AT THE COMPLETION OF THE PROJECT ALL DISTURBED SURFACES MUST BE COVERED BY SOD.

6. AT THE END OF EACH DAY, ALL TRAVEL LANES MUST BE RESTORED FOR SAFE VEHICULAR TRAFFIC. NO DROP-OFF CONDITIONS ARE ALLOWED TO REMAIN. NO MATERIALS, EQUIPMENT, ETC. MUST BE STORED WITHIN THE WORK ZONE WHILE THE WORK ZONE IS INACTIVE.

7. COMPLY WITH ALL APPLICABLE COUNTY AND MUNICIPAL ORDINANCES.

8. DO NOT INTRODUCE ANY FORM OF UNPERMITTED STORM WATER DISCHARGE INTO THE RIGHT OF WAY OR EASEMENTS DURING OR AFTER CONSTRUCTION.

9. 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, LEE COUNTY MUST BE NOTIFIED, WITHOUT DELAY, BY TELEPHONE AT (239) 533-8117.

10. MAINTAIN EXISTING TRAFFIC/ACCESS, EXISTING DRAINAGE AND EXISTING UTILITIES DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY LEE COUNTY.

11. ALL CONSTRUCTION RELATED PERMITTING MUST BE OBTAINED BEFORE STARTING ANY CONSTRUCTION OPERATION. PAYMENT FOR ACQUISITION OF CONSTRUCTION RELATED PERMITS MUST BE INCIDENTAL TO THE COST OF CONSTRUCTION RELATED ACTIVITIES. NO ADDITIONAL PAYMENT MUST BE MADE.

12. IMPLEMENT AND MAINTAIN A STORMWATER POLLUTION PREVENTION PLAN, AND ABIDE BY ALL NPDES REQUIREMENTS.

13. EXISTING CONCRETE CURB AND GUTTER, CONCRETE SEPARATOR AND CONCRETE SIDEWALK WITHIN THE ORTIZ AVE. RIGHT OF WAY MUST BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS.

14. ALL DETECTABLE WARNING SURFACES MUST BE CAST-IN-PLACE (WET-SET AND ANCHORED IN CONCRETE).

15. 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 INFORMATION PURPOSES ONLY, AS THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR FINAL SUBSURFACE DETERMINATION. THE INCREASE IN COST FOR ALL UNDERGROUND WORK ACTIVITIES MUST BE CONSIDERED AND INCLUDED IN BID. ALL COSTS ASSOCIATED WITH ENCOUNTERED ROCK OR ROCK-LIKE MATERIAL MUST BE INCLUDED IN THE APPROPRIATE ITEMS OF WORK CONTAINED WITHIN THE CONTRACT. NO ADDITIONAL COMPENSATION WILL BE MADE.

16. PERFORM CONSTRUCTION OF THE GRAVITY WALL FOUNDATION PER STANDARD SPECIFICATION 455. CONCRETE SURFACE FINISH FOR ALL GRAVITY WALLS MUST BE CLASS II SURFACE FINISH PER STANDARD SPECIFICATION 400-15.2.3.

UTILITY NOTES:

1. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.

2. CALL SUNSHINE 811 AT 1-800-432-4770 AND THE UTILITY OWNERS TWO FULL BUSINESS DAYS BEFORE BEGINNING WORK. ALL UTILITIES MAY NOT BE MEMBERS OF SUNSHINE 811 AND WILL THEREFORE REQUIRE DIRECT CONTACT.

3. ALL UTILITY OWNERS WITHIN THE PROJECT'S LIMITS MUST BE CONTACTED FOR AND COORDINATION ON THE PROPOSED RELOCATION/INSTALLATION SCHEDULES FOR ALL IMPACTED UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. IDENTIFY AND VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES.

UTILITY AGENCY OWNERS:	COMPANY	CONTACT	TELEPHONE NUMBERS
	AT&T	MICHAEL GAMBOA	(863) 888-8300
	CENTURY LINK	VIVIAN MCKEON	(630) 217-9384
	CITY OF FORT MYERS	ANGELO THOMAS	(239) 321-7463
	COMCAST	SCOTT LETZELTER	(239) 986-6975
	CROWN CASTLE	CHUCK FERGUSON	(570) 872-6637
	FP&L DISTRIBUTION	CHRIS MCJUNKIN	(941) 423-4833
	LEE COUNTY UTILITIES	WILLIAM HULL	(239) 533-8162
	LEE COUNTY TECHNOLOGY	ADAM BOISSIERE	(239) 533-7371
	LEE COUNTY TRAFFIC	MICHAEL PADGETT	(239) 533-9500
	SUMMIT	BETSY BECKER	(407) 468-5735
	TECO PEOPLE'S GAS	ANTHONY BAUBLITZ	(941) 342-4025

4. SOME EXISTING POWER POLES MAY BE LOCATED IN THE BACK SLOPE OF THE PROPOSED IMPROVEMENTS, THE CONTRACTOR MUST EXERCISE ADDITIONAL CARE WHILE GRADING.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

GENERAL NOTES

SHEET NO. 15

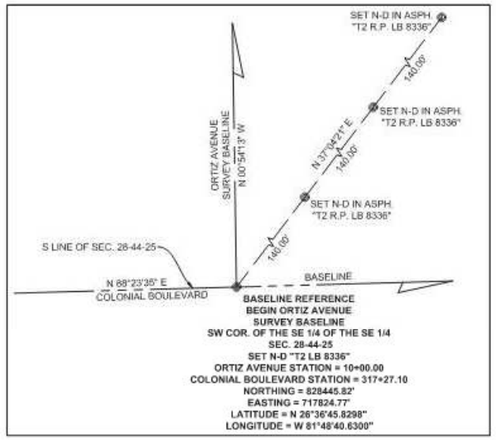
CONTROL SURVEY AND RIGHT-OF-WAY MAP

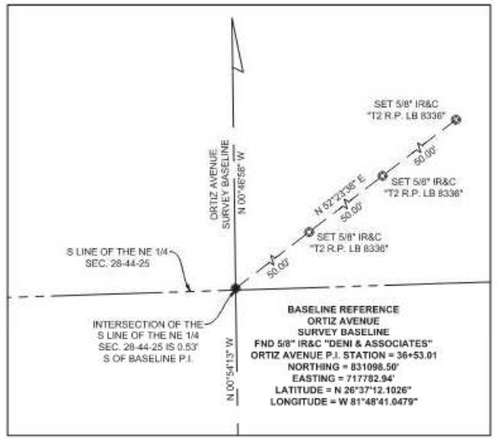
"ORTIZ AVENUE"

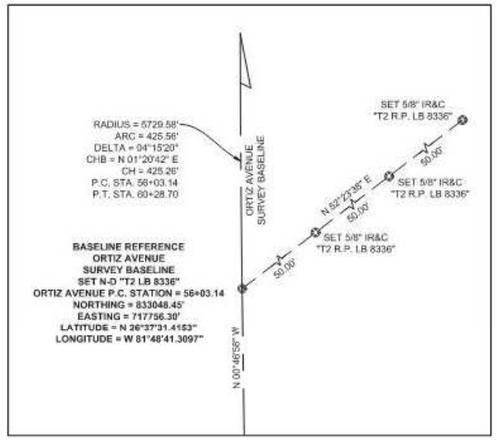
FROM S.R. 884 (COLONIAL BOULEVARD) TO
S.R. 82 (MARTIN LUTHER KING JR. BOULEVARD)
SECTION 21 & 28, TOWNSHIP 44 SOUTH, RANGE 25 EAST
LEE COUNTY, FLORIDA

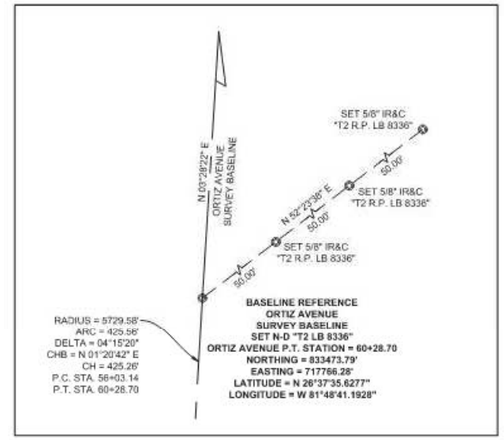
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1 inch = 20 ft.
INTENDED DISPLAY SCALE

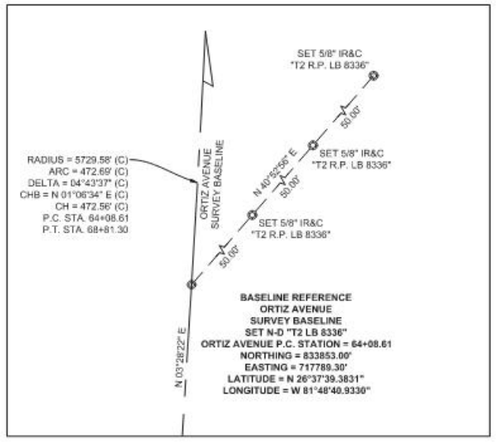
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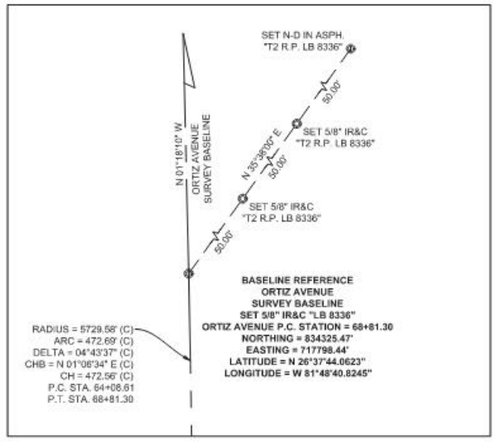


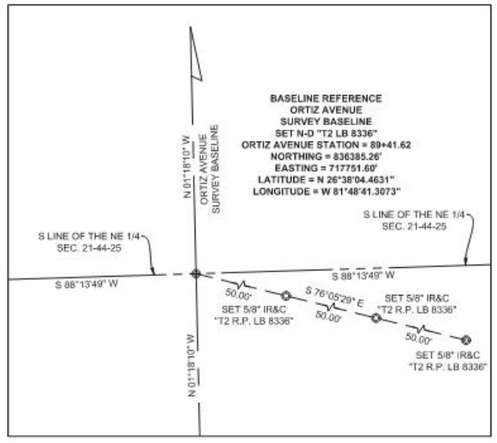


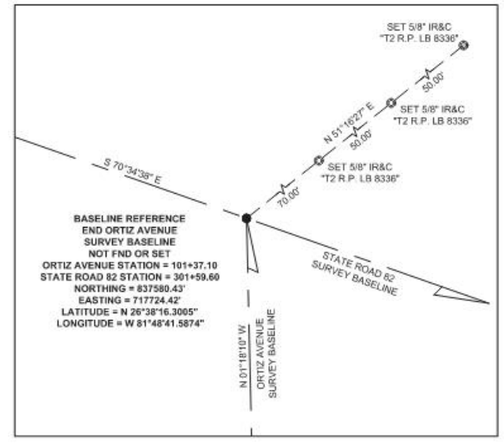












REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

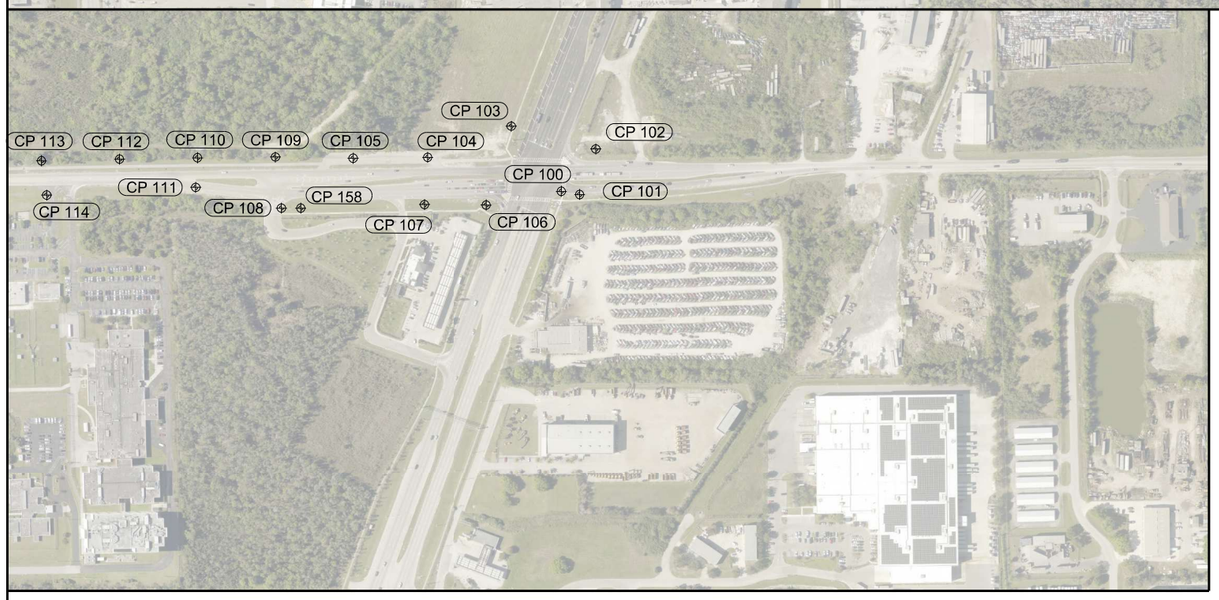
PROJECT CONTROL (1)

SHEET NO.
16

$USER$ $DATE$ $TIME$ $FILE$

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





COORDINATE TABLE									
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION	POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
108	836732.32	717842.77	21.84	SET N-D "CARDNO TP LB7975"	130	833213.46	717679.45	20.20	SET N-D "CARDNO TP LB7975"
100	837628.88	717785.61	21.48	SET N-D "CARDNO TP LB7975"	131	832963.38	717679.95	20.09	SET N-D "CARDNO TP LB7975"
101	837687.60	717795.48	20.81	SET N-D "CARDNO TP LB7975"	132	832967.89	717745.53	21.47	SET IR&C 5/8" "CARDNO TP LB7975"
102	837738.94	717649.28	21.32	SET IR&C 5/8" "CARDNO TP LB7975"	133	832712.70	717683.40	19.76	SET N-D "CARDNO TP LB7975"
103	837467.68	717577.44	18.95	SET N-D "CARDNO TP LB7975"	134	832462.21	717686.92	19.56	SET N-D "CARDNO TP LB7975"
104	837200.30	717678.48	20.35	SET N-D "CARDNO TP LB7975"	135	832460.47	717748.86	22.19	SET IR&C 5/8" "CARDNO TP LB7975"
105	836961.56	717681.97	19.69	SET N-D "CARDNO TP LB7975"	137	831962.16	717693.78	19.29	SET N-D "CARDNO TP LB7975"
106	837388.31	717830.29	20.59	SET N-D "CARDNO TP LB7975"	138	831962.70	717757.08	22.28	SET N-D "CARDNO TP LB7975"
107	837190.88	717829.49	21.08	SET N-D "CARDNO TP LB7975"	139	831712.11	717697.20	19.37	SET N-D "CARDNO TP LB7975"
109	836712.58	717679.03	19.97	SET N-D "CARDNO TP LB7975"	140	831461.87	717700.82	18.90	SET N-D "CARDNO TP LB7975"
136	832211.95	717690.84	19.19	SET N-D "CARDNO TP LB7975"	141	831464.18	717768.16	21.32	SET IR&C 5/8" "CARDNO TP LB7975"
110	836463.04	717682.60	19.83	SET N-D "CARDNO TP LB7975"	142	831211.81	717704.30	18.98	SET N-D "CARDNO TP LB7975"
111	836457.64	717777.46	21.15	SET IR&C 5/8" "CARDNO TP LB7975"	143	830961.58	717706.97	19.45	SET N-D "CARDNO TP LB7975"
112	836213.10	717688.04	20.11	SET N-D "CARDNO TP LB7975"	144	830957.46	717779.77	20.89	SET IR&C 5/8" "CARDNO TP LB7975"
113	835963.04	717694.24	20.19	SET N-D "CARDNO TP LB7975"	145	830711.05	717713.38	18.94	SET N-D "CARDNO TP LB7975"
114	835980.29	717804.15	21.07	SET N-D "CARDNO TP LB7975"	146	830461.02	717720.12	19.13	SET N-D "CARDNO TP LB7975"
115	835712.43	717699.04	20.41	SET N-D "CARDNO TP LB7975"	147	830464.67	717790.75	20.70	SET IR&C 5/8" "CARDNO TP LB7975"
116	835461.70	717705.44	20.28	SET N-D "CARDNO TP LB7975"	148	830211.00	717726.87	19.50	SET N-D "CARDNO TP LB7975"
117	835462.02	717760.50	22.20	SET IR&C 5/8" "CARDNO TP LB7975"	149	829961.11	717729.00	19.73	SET N-D "CARDNO TP LB7975"
118	835211.70	717709.85	19.94	SET N-D "CARDNO TP LB7975"	150	829960.60	717815.20	21.40	SET N-D "CARDNO TP LB7975"
119	834961.61	717715.33	19.84	SET N-D "CARDNO TP LB7975"	151	829711.25	717733.02	20.16	SET N-D "CARDNO TP LB7975"
120	834962.22	717776.82	22.06	SET IR&C 5/8" "CARDNO TP LB7975"	152	829461.54	717732.38	19.81	SET N-D "CARDNO TP LB7975"
121	834711.77	717714.51	19.85	SET IR&C 5/8" "CARDNO TP LB7975"	153	829456.96	717837.82	21.33	SET IR&C 5/8" "CARDNO TP LB7975"
122	834461.99	717734.19	20.26	SET N-D "CARDNO TP LB7975"	154	829206.00	717743.68	20.16	SET N-D "CARDNO TP LB7975"
123	834456.28	717796.19	21.46	SET IR&C 5/8" "CARDNO TP LB7975"	155	828956.27	717735.74	19.76	SET N-D "CARDNO TP LB7975"
124	834212.22	717730.08	20.00	SET N-D "CARDNO TP LB7975"	156	828992.02	717878.50	20.44	SET IR&C 5/8" "CARDNO TP LB7975"
125	833962.09	717726.03	19.53	SET N-D "CARDNO TP LB7975"	157	829076.62	717916.50	22.08	SET N-D WEST FACE WOOD POWER POLE
126	833953.99	717799.22	20.92	SET N-D "CARDNO TP LB7975"	158	836794.46	717842.63	22.05	SET N-D WEST FACE WOOD POWER POLE
127	833712.66	717708.77	19.77	SET N-D "CARDNO TP LB7975"	159	828505.04	716762.45	22.65	SET N-D CARDNO TP LB7975
128	833463.32	717687.81	19.93	SET N-D "CARDNO TP LB7975"	160	828515.00	717196.37	22.16	FND N-D
129	833456.61	717754.25	21.80	SET IR&C 5/8" "CARDNO TP LB7975"	161	828503.22	717033.14	23.08	SET N-D "CARDNO TP LB7975"

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

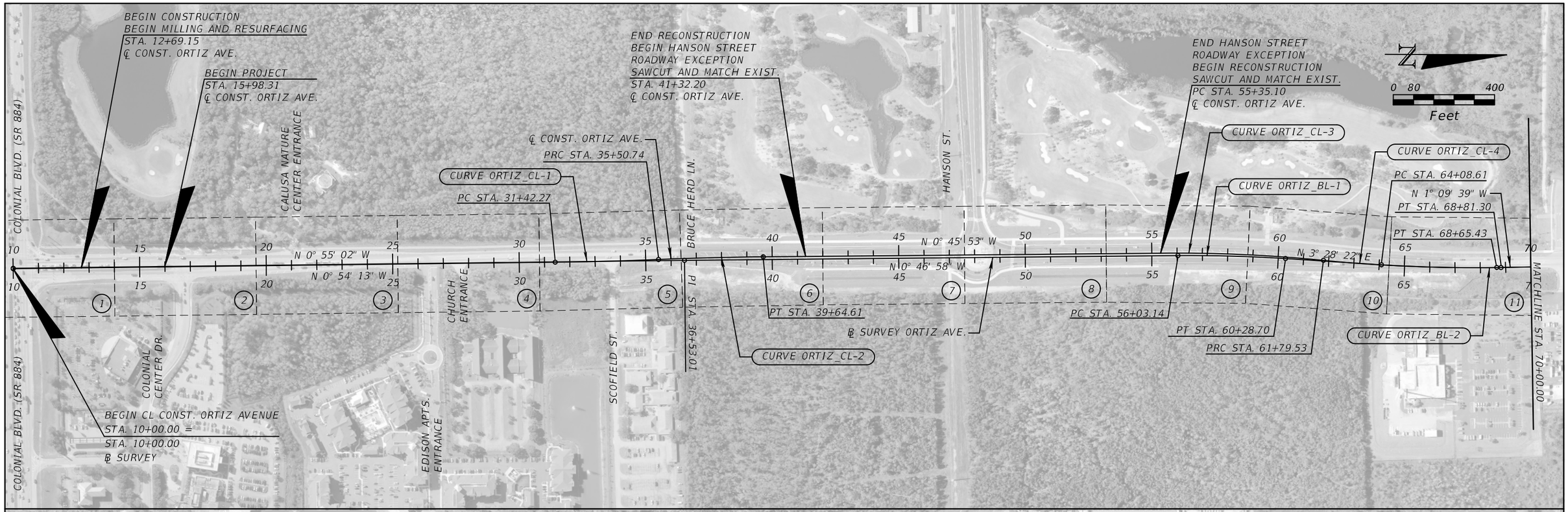
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

PROJECT CONTROL (2)

SHEET NO. 17

$USER$ $DATE$ $TIME$ $FILE$



CURVE DATA

CURVE DATA ORTIZ_CL-1	CURVE DATA ORTIZ_CL-2	CURVE DATA ORTIZ_CL-3
PI STA. = 33+46.52	PI STA. = 37+57.70	PI STA. = 58+57.62
Δ = 1° 40' 18" (LT)	Δ = 1° 49' 27" (RT)	Δ = 6° 09' 14" (RT)
D = 0° 24' 33"	D = 0° 26' 27"	D = 0° 57' 18"
T = 204.25'	T = 206.95'	T = 322.53'
L = 408.48'	L = 413.87'	L = 644.43'
R = 14,000.00'	R = 13,000.00'	R = 6,000.00'
PC STA. = 31+42.27	PC STA. = 35+50.74	PC STA. = 55+35.10
PT STA. = 35+50.74	PT STA. = 39+64.61	PRC STA. = 61+79.53
e = NC	e = NC	e = NC

CURVE DATA ORTIZ_CL-4	CURVE DATA ORTIZ_BL-1	CURVE DATA ORTIZ_BL-2
PI STA. = 65+22.85	PI STA. = 58+16.02	PI STA. = 66+45.09
Δ = 6° 32' 59" (LT)	Δ = 4° 15' 20" (RT)	Δ = 4° 43' 37" (LT)
D = 0° 57' 18"	D = 1° 00' 00"	D = 1° 00' 00"
T = 343.32'	T = 212.88	T = 236.48
L = 685.90'	L = 425.56	L = 472.69
R = 6,000.00'	R = 5,729.58	R = 5,729.58
PRC STA. = 61+79.53	PC STA. = 56+03.14	PC STA. = 64+08.61
PT STA. = 68+65.43	PT STA. = 60+28.70	PT STA. = 68+81.30
e = NC		

*NOTE: NC = 0.025

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

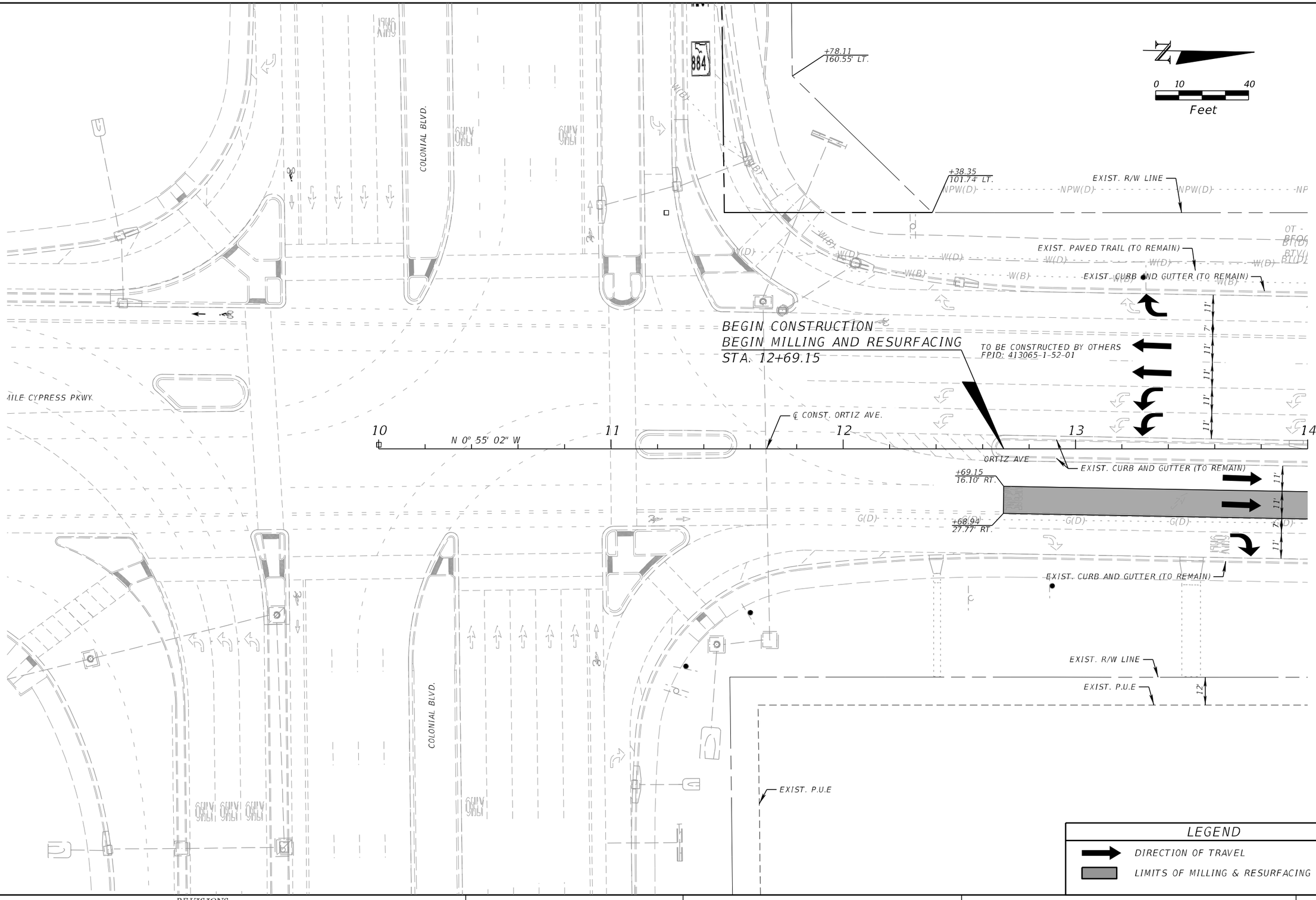
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

PROJECT LAYOUT

SHEET NO. 18

emarin 2/17/2022 5:14:21 PM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\emmanuel.marin.santiago\dms24051\PLAYR

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REVISIONS			
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P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (1)
STA. 10+00.00 TO STA. 14+00.00

SHEET NO. 19

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

PARCEL 28-44-25-P1-00002.0000

0 10 40
Feet

BEGIN PROJECT
END MILLING AND RESURFACING
BEGIN RECONSTRUCTION
STA. 15+98.31

TO BE CONSTRUCTED BY OTHERS
FPID: 413065-1-52-01

BEGIN 10' PAVED TRAIL
SAWCUT AND MATCH EXIST
STA. 15+94.11, 82.00' LT.

BEGIN 10' SHLDR.
+93.52 , 44.00' LT.

EXIST. POLE
EXIST. PAVED TRAIL (TO REMAIN)
EXIST. CURB AND GUTTER (TO REMAIN)
EXIST. R/W LINE
WETLAND 7
WETLAND 1
WETLAND 1B
10' PAVED TRAIL
SWALE BOTTOM
TOP OF BANK EL. 22.1'
10' SHLDR. (7' PAVED)
ORTIZ AVE. SB
ORTIZ AVE. NB
PGL LT.
℄ CONST. ORTIZ AVE.
4' SHLDR. (2' PAVED)
EXIST. 18" RCP TO REMAIN
EXIST. DRAINAGE TO REMAIN
EXIST. R/W LINE
EXIST. P.U.E
EXIST. WALL
EXIST. 24" RCP TO REMAIN
EXIST. LIGHT POLE
EXIST. POST
EXIST. CONC. SWK. (TO REMAIN)
EXIST. DRAINAGE EASEMENT
EXIST. CONSERVATION EASEMENT
EXIST. CONC. SWK. (TO REMAIN)
EXIST. CURB & GUTTER (TO REMAIN)
EXISTING TEMP. CONST. EASEMENT
COLONIAL CENTER DR.
CONST. 161' OF 24" RCP
REMOVE EXIST. MES CONNECT EXIST. 24" RCP TO S-1
S-1
S-1A

BEGIN 4' CONC. TRAFFIC SEPARATOR, TYPE I
STA. 17+06.97, 17.99' LT.

END 4' CONC. TRAFFIC SEPARATOR, TYPE I
STA. 17+26.95, 17.99' LT.

TYPE E C&G

BEGIN 6' CONC. SIDEWALK
SAWCUT AND MATCH EXIST
STA. 16+97.39, 59.60' RT.

TYPE I SPECIAL CONC. SEPARATOR

(TYP.) 3.5' R

N 0° 55' 02" W

+58.70
101.61' LT.
MATCH EXIST.

+69.87
101.61' LT.
MATCH EXIST.

+47.75
76.62' LT.

+29.31
67.88' LT.

+18.44
79.20' LT.

+81.35
9.00' LT.

+58.28
71.70' LT.

+13.59
69.73' LT.

+48.13
74.10' LT.

+93.93
72.00' LT.

+49.09
19.50' LT.

+47.64
19.23' LT.

+37.59
10.18' RT.

+77.77
4.22' RT.

+78.98
9.94' RT.

+34.43
11.64' RT.

+38.07
35.50' RT.

+50.03
11.71' RT.

+50.00
13.71' RT.

+98.31
11.00' RT.

+98.29
51.01' RT.

+84.98
98.54' RT.

+41.73
98.36' RT.

+41.76
102.89' RT.
MATCH EXIST.

+26.98
98.35' RT.

+58.83
102.89' RT.
MATCH EXIST

+14.97
110.35' RT.

+67.30
102.89' RT.
MATCH EXIST.

+08.76
65.29' RT.

+92.27
79.78' RT.

+91.96
98.37' RT.
MATCH EXIST.

+91.96
102.90' RT.
MATCH EXIST.

+04.52
62.64' RT.

+19.12
59.56' RT.

+06.98
98.37' RT.

+53.67
91.38' RT.

+39.52
91.40' RT.

+50.00
98.41' RT.

+47.20
118.38' RT.

+39.51
123.40' RT.

+26.95
198.35' RT.

+06.62
198.37' RT.

PARCEL 28-44-25-P3-00200.0010

PARCEL 28-44-25-P3-002B1.00CE

PARCEL 28-44-25-P3-0040F.0010

PARCEL 28-44-25-P3-1400D.00CE

101.57'
42.67'
98.43'
22'
12'
20'
25'

ISLAND GEOMETRY

A	STA. 16+58.98 50.34' RT.	G	STA. 16+81.77 53.86' RT.
B	STA. 16+59.00 44.64' RT.	H	STA. 16+62.48 53.85' RT.
C	STA. 16+62.56 41.15' RT.	I	STA. 16+62.45 59.85' RT.
D	STA. 16+86.26 41.57' RT.	J	STA. 16+58.94 63.34' RT.
E	STA. 16+88.79 47.42' RT.	K	STA. 16+76.59 64.96' RT.
F	STA. 16+84.54 52.50' RT.	L	STA. 16+73.48 59.85' RT.

LEGEND

- DIRECTION OF TRAVEL
- LIMITS OF MILLING & RESURFACING
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- DETECTABLE WARNING*
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

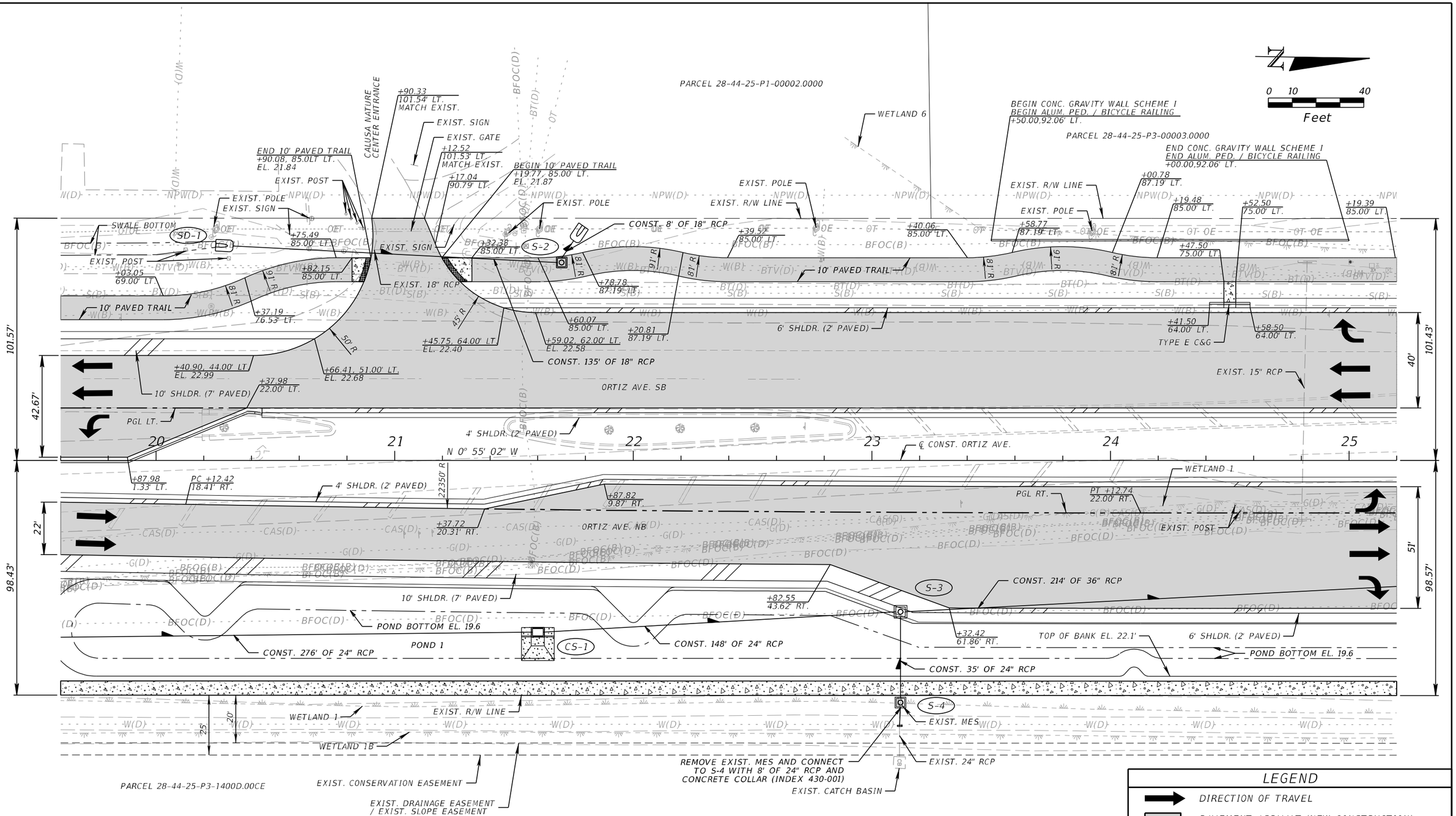
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (2)
STA. 14+00.00 TO STA. 19+60.00

SHEET NO. 20



LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (3)
STA. 19+60.00 TO STA. 25+20.00

SHEET NO. 21

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

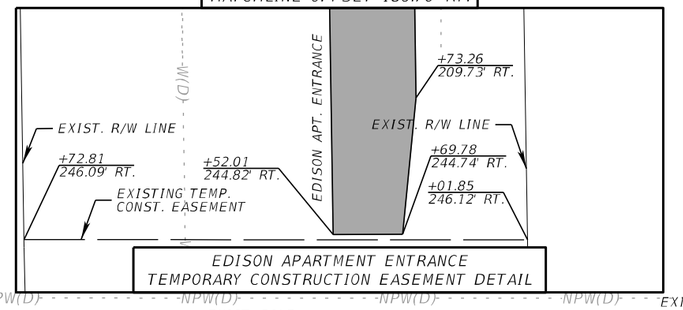
jBernardini 7/28/2023 9:54:19 AM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\joseph bernardini\dms24051\PLANRD101.dgn

LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- LIMITS OF MILLING & RESURFACING
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

MATCHLINE OFFSET 186.70' RT.

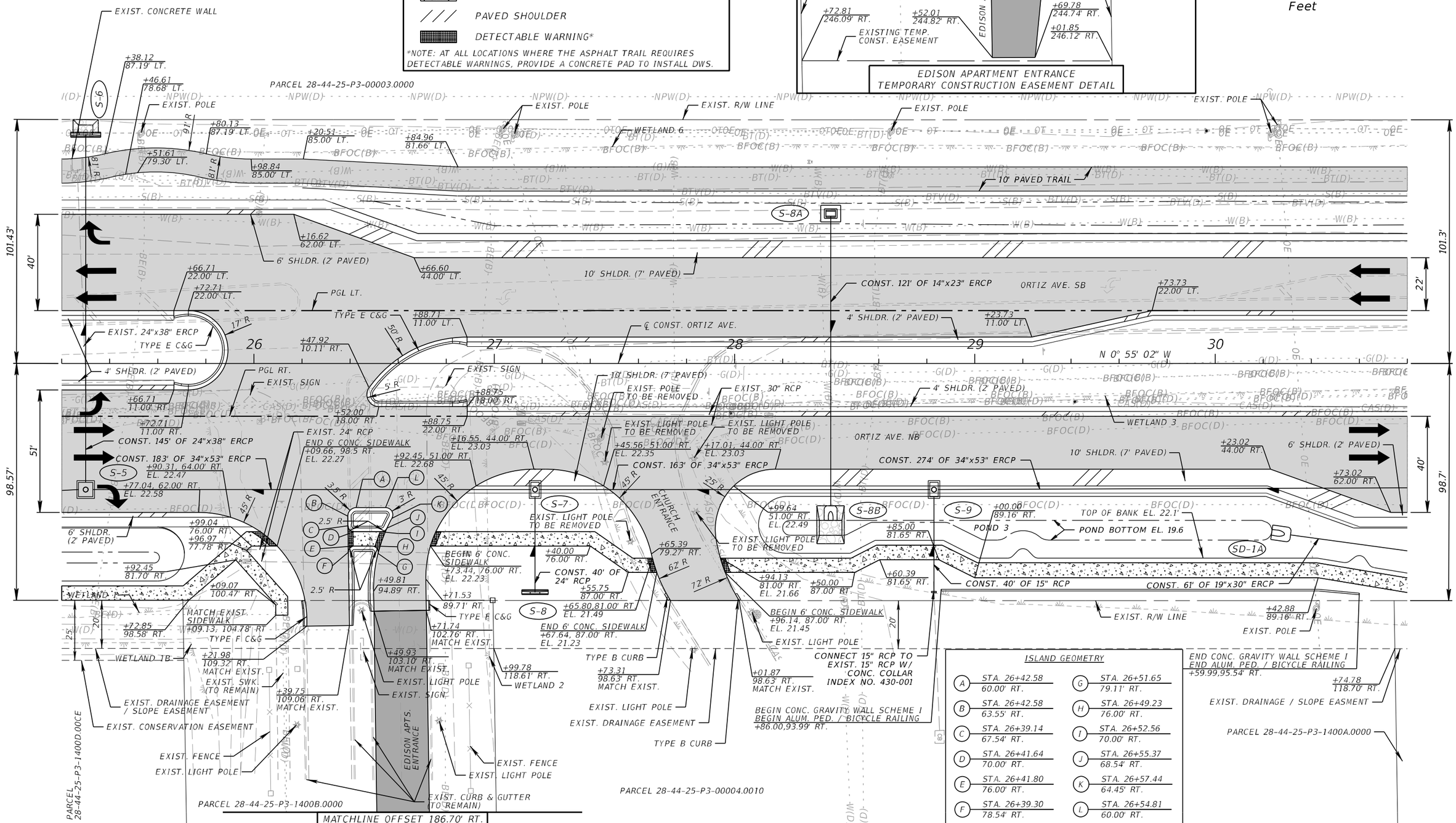


EDISON APARTMENT ENTRANCE
TEMPORARY CONSTRUCTION EASEMENT DETAIL

N

0 10 40

Feet



MATCHLINE OFFSET 186.70' RT.

ISLAND GEOMETRY

A	STA. 26+42.58 60.00' RT.	G	STA. 26+51.65 79.11' RT.
B	STA. 26+42.58 63.55' RT.	H	STA. 26+49.23 76.00' RT.
C	STA. 26+39.14 67.54' RT.	I	STA. 26+52.56 70.00' RT.
D	STA. 26+41.64 70.00' RT.	J	STA. 26+55.37 68.54' RT.
E	STA. 26+41.80 76.00' RT.	K	STA. 26+57.44 64.45' RT.
F	STA. 26+39.30 78.54' RT.	L	STA. 26+54.81 60.00' RT.

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REVISIONS			
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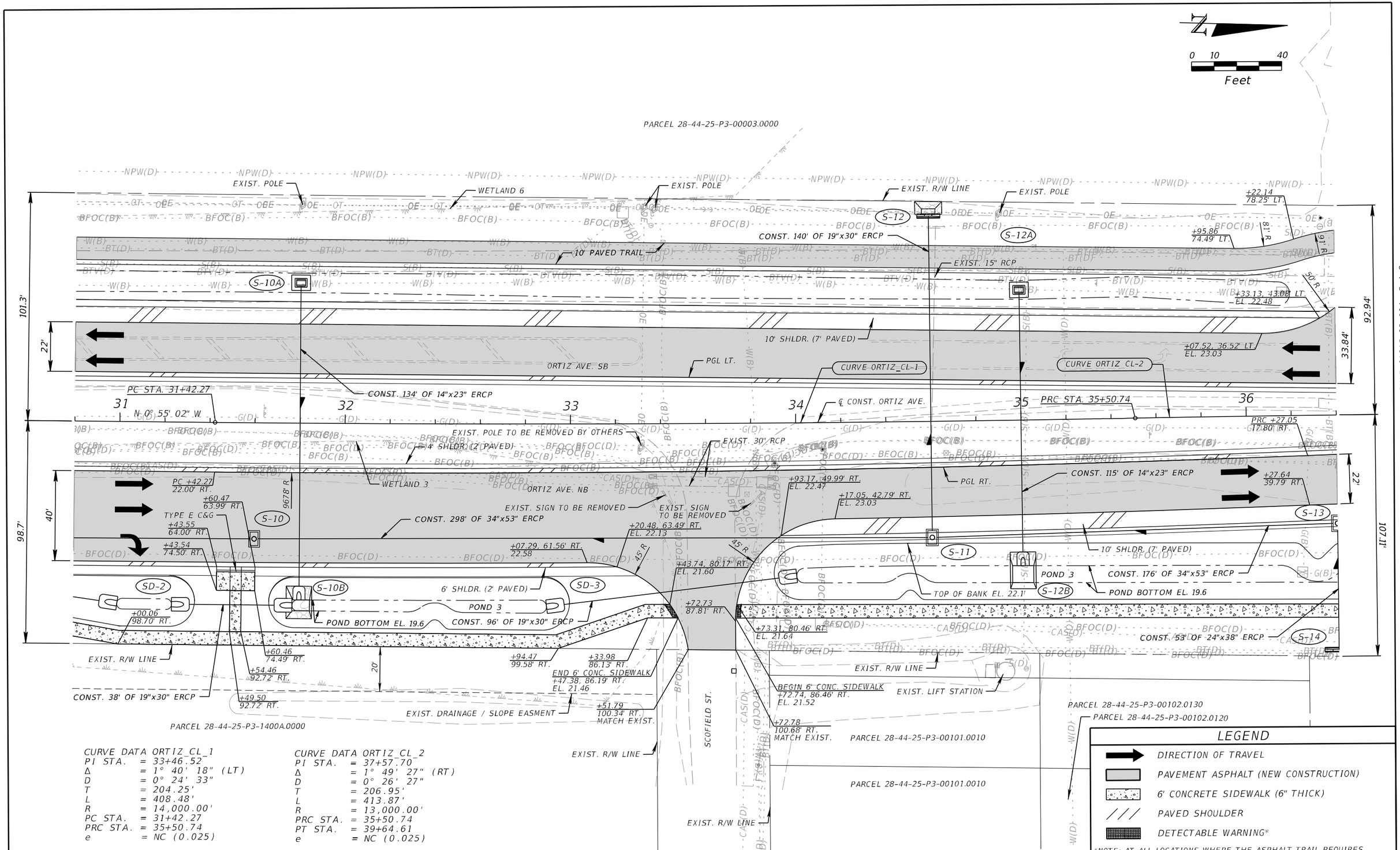
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (4)
STA. 25+20.00 TO STA. 30+80.00

SHEET NO. 22



CURVE DATA ORTIZ_CL_1
PI STA. = 33+46.52
Δ = 1° 40' 18" (LT)
D = 0° 24' 33"
T = 204.25'
L = 408.48'
R = 14,000.00'
PC STA. = 31+42.27
PRC STA. = 35+50.74
e = NC (0.025)

CURVE DATA ORTIZ_CL_2
PI STA. = 37+57.70
Δ = 1° 49' 27" (RT)
D = 0° 26' 27"
T = 206.95'
L = 413.87'
R = 13,000.00'
PRC STA. = 35+50.74
PT STA. = 39+64.61
e = NC (0.025)

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

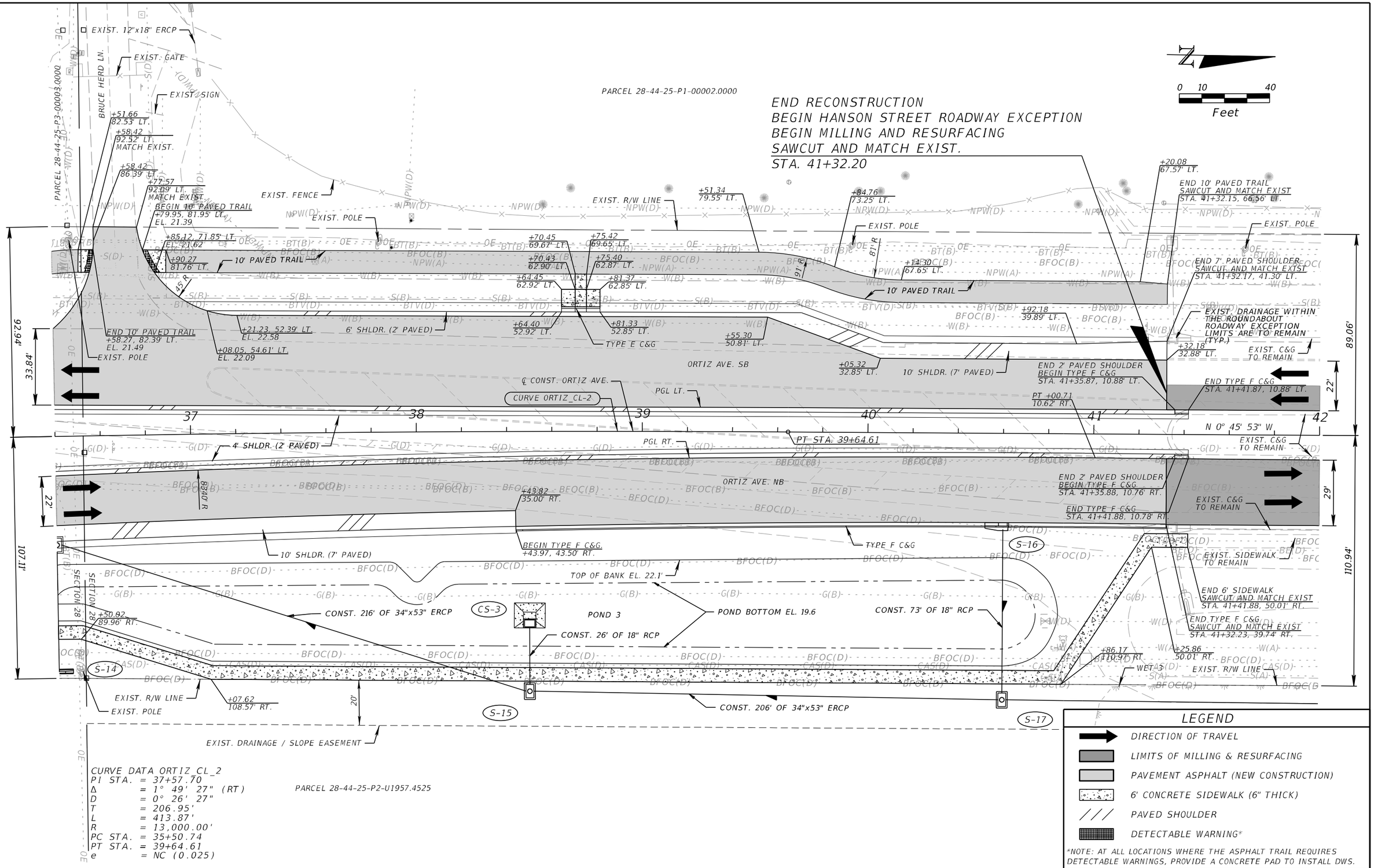
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (5)
STA. 30+80.00 TO STA. 36+40.00

SHEET NO. 23



CURVE DATA ORTIZ_CL_2
PI STA. = 37+57.70
Δ = 1° 49' 27" (RT)
D = 0° 26' 27"
T = 206.95'
L = 413.87'
R = 13,000.00'
PC STA. = 35+50.74
PT STA. = 39+64.61
e = NC (0.025)

PARCEL 28-44-25-P2-U1957.4525

LEGEND

- DIRECTION OF TRAVEL
- LIMITS OF MILLING & RESURFACING
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

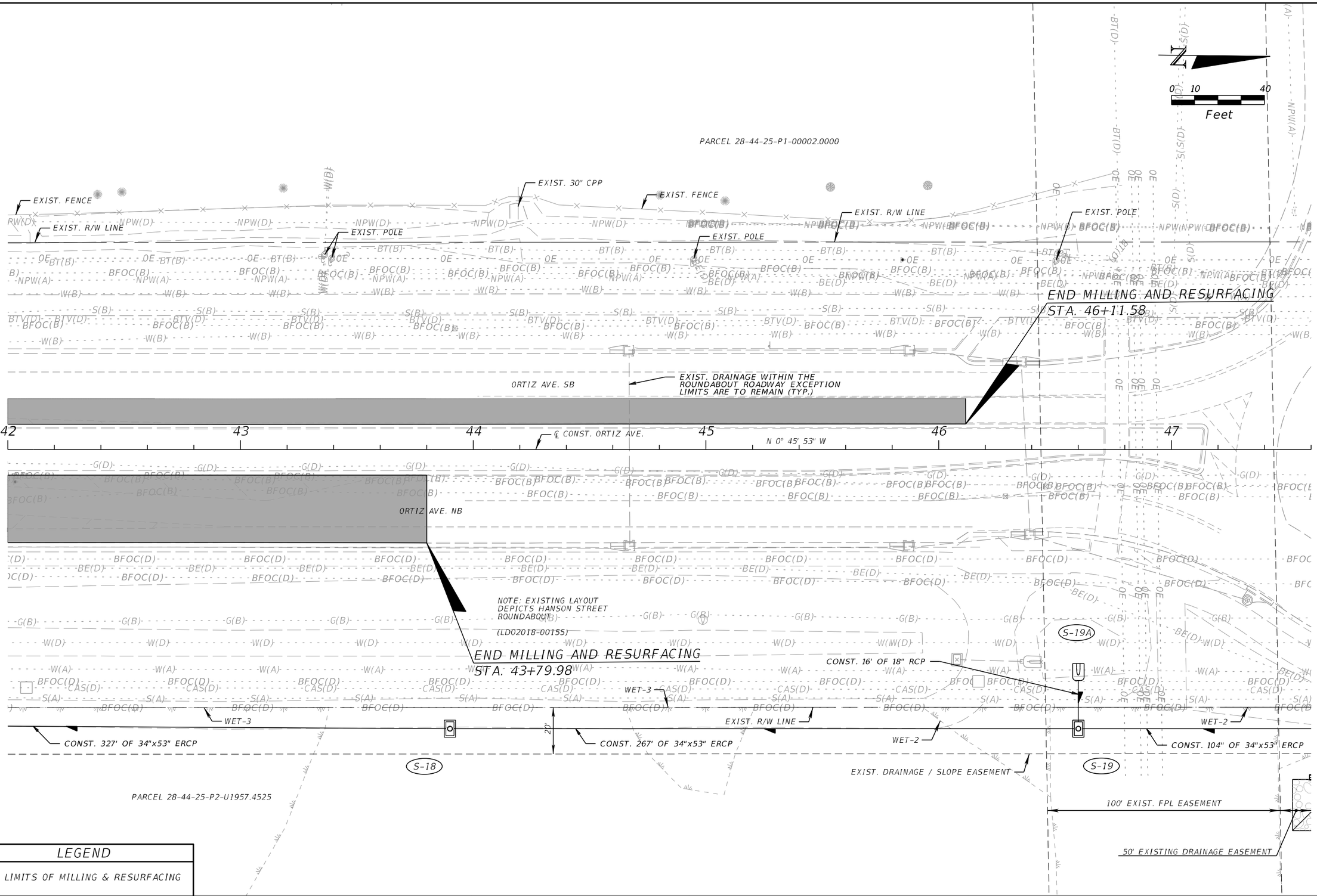
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13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (6)
STA. 36+40.00 TO STA. 42+00.00

SHEET NO. 24



LEGEND

LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

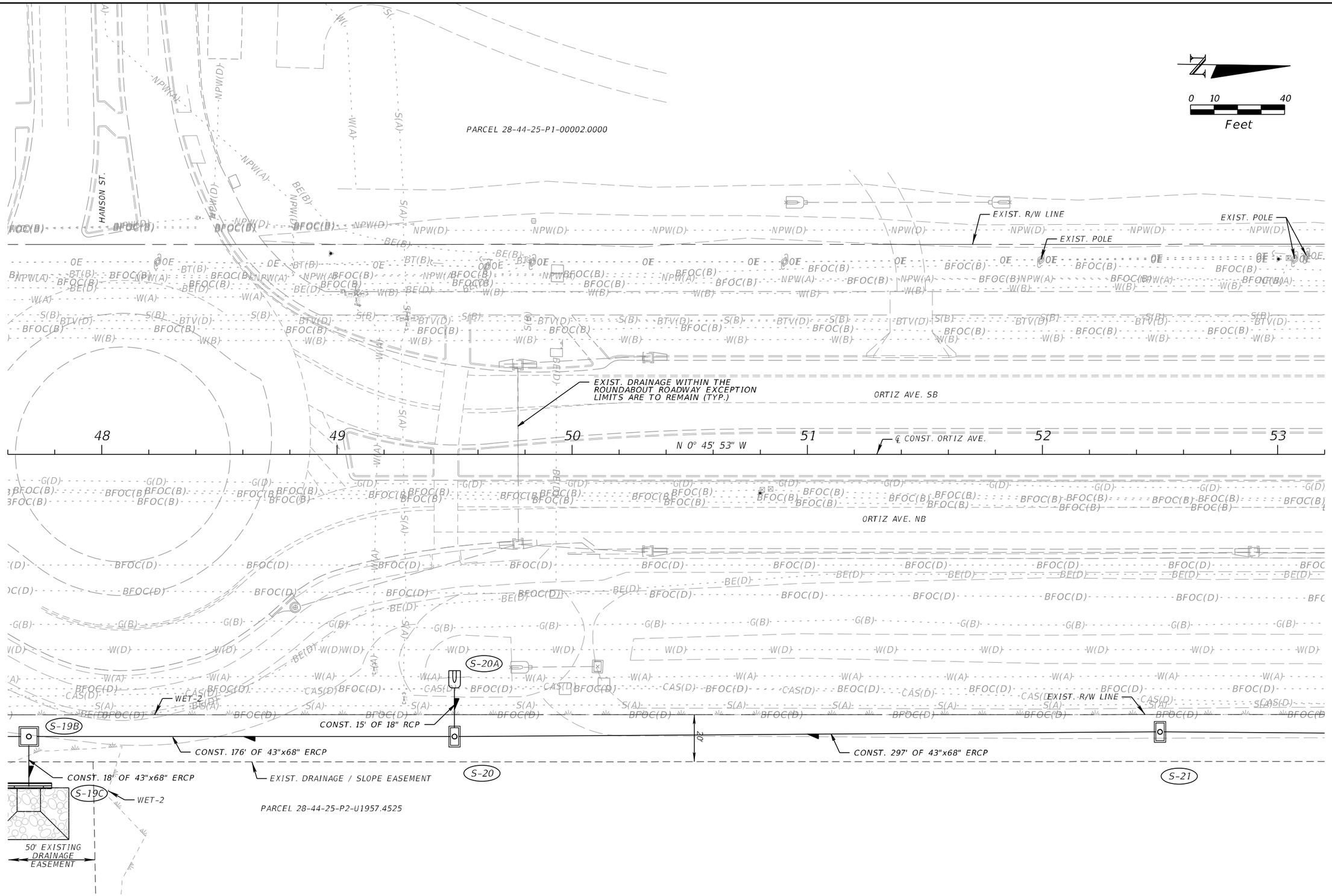
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (7)
STA. 42+00.00 TO STA. 47+60.00

SHEET NO. 25

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (8)
STA. 47+60.00 TO STA. 53+20.00

SHEET NO. 26

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END HANSON STREET ROADWAY EXCEPTION
END MILLING AND RESURFACING
BEGIN RECONSTRUCTION
SAWCUT AND MATCH EXIST.
PC STA. 55+35.10

0 10 40
Feet

PARCEL 28-44-25-P1-00002.0000

EXIST. DRAINAGE WITHIN THE ROUNDABOUT ROADWAY EXCEPTION LIMITS ARE TO REMAIN (TYP.)

EXIST. FENCE

EXIST. POLE

BEGIN 10' PAVED TRAIL SAWCUT AND MATCH EXIST STA. 55+35.09, 67.64' LT.

BEGIN 7' PAVED SHOULDER SAWCUT AND MATCH EXIST STA. 55+34.96, 40.00' LT.

EXIST. FENCE

EXIST. 15" CPP

EXIST. R/W LINE

EXIST. POLE

5830' R

4580' R

SWALE BOTTOM

+44.99 68.63' LT.

+94.61 68.92' LT.

10' PAVED TRAIL

+10.45 40.48' LT.

+34.96 33.00' LT.

BEGIN MILLING AND RESURFACING
STA. 55+00.00

BEGIN TYPE F C&G STA. 55+35.19, 11.00' RT.

BEGIN TYPE F C&G STA. 55+35.05, 11.00' LT.
END TYPE F C&G
BEGIN 2 PAVED SHLDR. STA. 55+41.05, 11.00' LT.

+10.54 33.48' LT.

PC +10.82 11.48' LT.

10' SHLDR. (7' PAVED)

CURVE ORTIZ_CL-3

℄ CONST. ORTIZ AVE.

ORTIZ AVE. SB

PGL LT.

5700' R

92.83'

22'

54 55 56 57 58

N 0° 45' 53" W

PGL RT.

4' SHLDR. (2' PAVED)

PC +44.07 10.99' RT.
END TYPE F C&G
BEGIN 2 PAVED SHLDR. STA. 55+41.15, 11.00' RT.

4500' R

ORTIZ AVE. NB

22'

107.17'

+34.85 33.00' RT.

EXIST. SIDEWALK (TO REMAIN)

+69.87 39.97' RT.

10' SHLDR. (7' PAVED)

TOP OF BANK EL. 22.1'

BEGIN 6' SIDEWALK SAWCUT AND MATCH EXIST STA. 55+24.59, 50.02' RT.

+40.08 50.02' RT.

POND BOTTOM EL. 19.6

POND 4

CONST. 28' OF 18" RCP

CS-4

BEGIN 7' PAVED SHOULDER SAWCUT AND MATCH EXIST STA. 55+34.77, 40.00' RT.

WET-2

S-22

EXIST. R/W LINE

+53.17 109.54' RT.

5630' R

20'

S-23

CONST. 291' OF 43"x68" ERCP

CONST. 296' OF 43"x68" ERCP

EXIST. DRAINAGE / SLOPE EASEMENT

CURVE DATA ORTIZ_CL_3
PI STA. = 58+57.62
Δ = 6° 09' 14" (RT)
D = 0° 57' 18"
T = 322.53'
L = 644.43'
R = 6,000.00'
PC STA. = 55+35.10
PT STA. = 61+79.53
e = NC (0.025)

PARCEL 28-44-25-P2-U1957.4525

LEGEND

- DIRECTION OF TRAVEL
- LIMITS OF MILLING & RESURFACING
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- /// PAVED SHOULDER

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

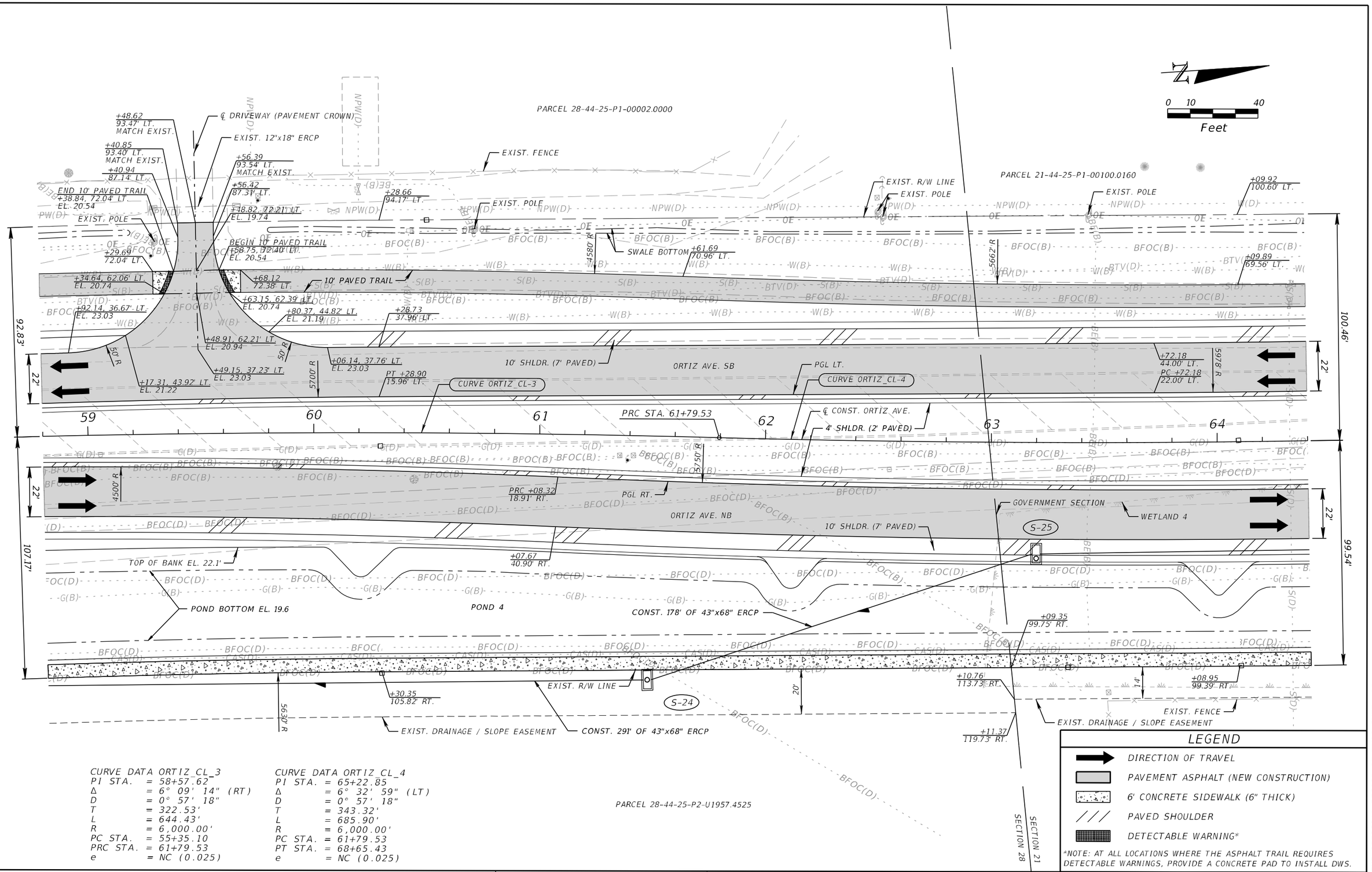
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (9)
STA. 53+20.00 TO STA. 58+80.00

SHEET NO. 27



CURVE DATA ORTIZ_CL_3

PI STA.	= 58+57.62
Δ	= 6° 09' 14" (RT)
D	= 0° 57' 18"
T	= 322.53'
L	= 644.43'
R	= 6,000.00'
PC STA.	= 55+35.10
PRC STA.	= 61+79.53
e	= NC (0.025)

CURVE DATA ORTIZ_CL_4

PI STA.	= 65+22.85
Δ	= 6° 32' 59" (LT)
D	= 0° 57' 18"
T	= 343.32'
L	= 685.90'
R	= 6,000.00'
PC STA.	= 61+79.53
PT STA.	= 68+65.43
e	= NC (0.025)

PARCEL 28-44-25-P2-U1957.4525

LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (10)
STA. 58+80.00 TO STA. 64+40.00

SHEET NO. 28

PARCEL 21-44-25-P1-00100.0160

0 10 40
Feet

EXIST. POLE
EXIST. R/W LINE
SURFACE WATER 3
EXIST. SIGN
EXIST. GUY WIRE
SWALE BOTTOM
10' PAVED TRAIL
10' SHLDR. (7' PAVED)
ORTIZ AVE. SB
PGL LT.
PT +65.45
22.00' LT.
PT STA. 68+65.43
N 1° 09' 39" W
℄ CONST. ORTIZ AVE.
4' SHLDR. (2' PAVED)
WETLAND 4
ORTIZ AVE. NB
CURVE ORTIZ_CL-4
PT +65.34
22.00' RT.
CONST. 296' OF 48" RCP
6' SHLDR. (2' PAVED)
CONST. 279' OF 43"x68" ERCP
CONST. 291' OF 48" RCP
CONST. 54' OF 24" RCP
POND 4
POND BOTTOM EL. 19.6
TOP OF BANK EL. 22.1'
SWALE
EXIST. FENCE
EXIST. DRAINAGE / SLOPE EASEMENT
PARCEL 21-44-25-P1-00100.0710

S-45 S-26 S-27 S-28

5662' R 5630' R 5978' R 5750' R 5830' R

+81.94 99.20' LT.
+95.56 68.49' LT.
+82.22 68.35' LT.
+74.39 21.97' RT.
+24.39 11.14' RT.
+55.10 44.00' RT.
+05.03 62.00' RT.
+82.84 86.40' RT.
+58.23 100.61' RT.
+82.27 100.80' RT.
+82.88 100.55' RT.
+82.91 114.55' RT.
+82.29 114.80' RT.

65 66 67 68 69 70

100.46' 22' 22' 99.54' 99.5' 51' 100.5' 14'

CURVE DATA ORTIZ_CL_4
PI STA. = 65+22.85
Δ = 6° 32' 59" (LT)
D = 0° 57' 18"
T = 343.32'
L = 685.90'
R = 6,000.00'
PC STA. = 61+79.53
PT STA. = 68+65.43
e = NC (0.025)

LEGEND
- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- /// PAVED SHOULDER

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

REVISIONS			
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

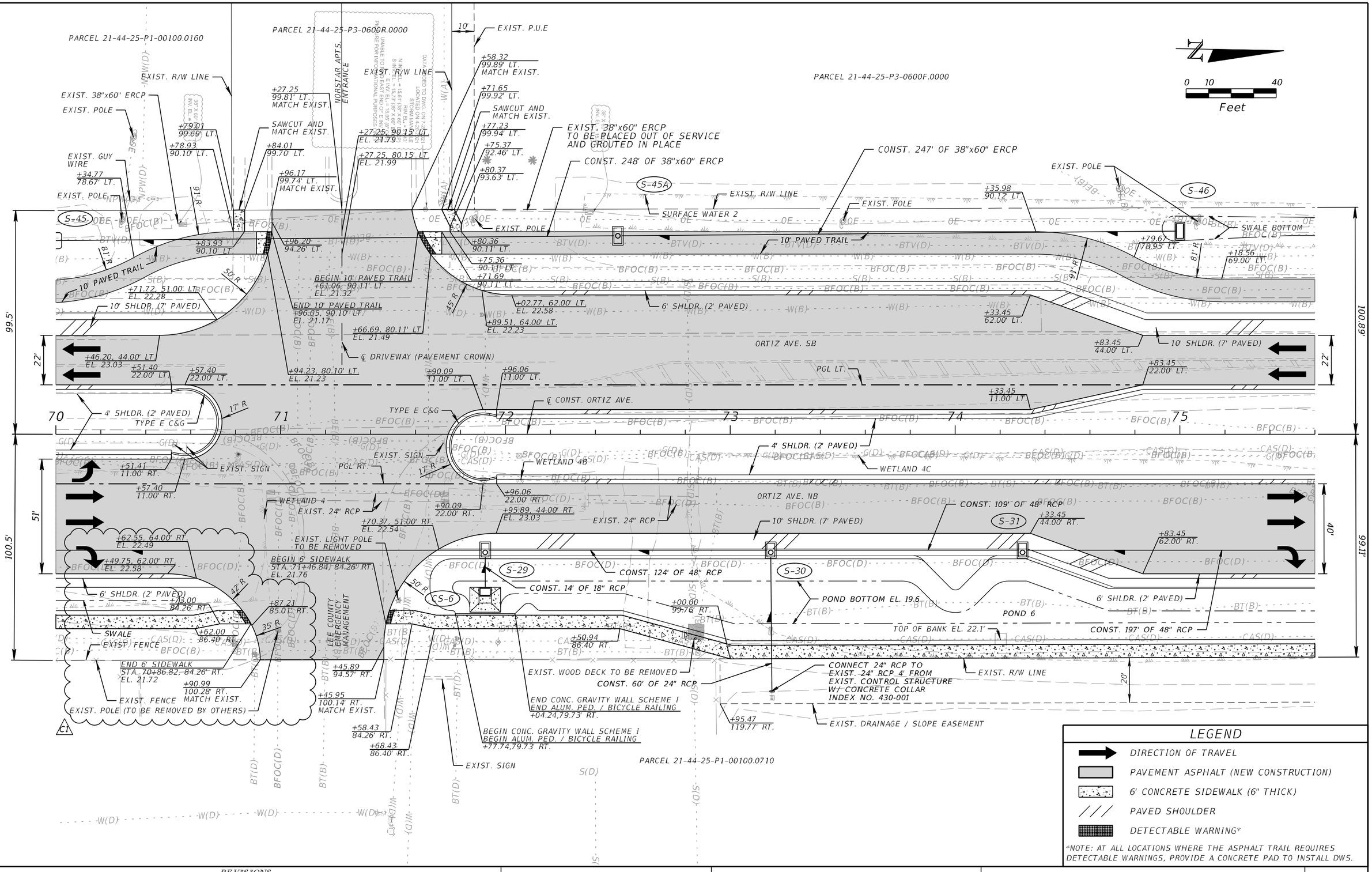
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (11)
STA. 64+40.00 TO STA. 70+00.00

SHEET NO. 29

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LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 DRIVEWAY DESIGN UPDATE		

KCA KISINGER CAMPO & ASSOCIATES P.E. No.: 78492
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (12)
STA. 70+00.00 TO STA. 75+60.00

SHEET NO. 30

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0 10 40
Feet

PARCEL 21-44-25-P3-0600F.0000

EXIST. BUILDING

EXIST. GUY WIRE

EXIST. BUILDING

EXIST. R/W LINE

EXIST. POLE

EXIST. POLE

EXIST. POLE

S-37

EXIST. POLE

SURFACE WATER 2

SWALE BOTTOM

SURFACE WATER 1

EXIST. SIGN

10' PAVED TRAIL

100.89'

22'

10' SHLDR. (7' PAVED)

ORTIZ AVE. SB

PGL LT.

EXIST. 12" RCP

102.27'

22'

76 77 78 79 80 81

℄ CONST. ORTIZ AVE.

EXIST. SIGN

EXIST. SIGN

4' SHLDR. (2' PAVED)

CONST. 130' OF 15" RCP

WETLAND 4C

EXIST. SIGN

99.11'

40'

EXIST. 24" RCP

EXIST. SIGN

CONST. 167' OF 48" RCP

PGL RT.

EXIST. POLE TO BE RELOCATED

TYPE E C&G

+69.12, 62.00' RT.
EL. 22.53

+41.42, 51.00' RT.
EL. 22.79

+66.93, 44.00' RT.
EL. 23.03

ORTIZ AVE. NB

10' SHLDR. (7' PAVED)

+53.34
44.00' RT.

+34.34
66.25' RT.

+40.34
64.00' RT.

TOP OF BANK EL. 22.1'

6' SHLDR. (2' PAVED)

S-32

+04.93, 77.24' RT.
EL. 22.65

+04.93, 83.24' RT.
EL. 22.68

CONST. 97' OF 48" RCP

+23.34
64.00' RT.

S-36

40'

97.73'

45° R

25' R

S-33A

CONST. 14' OF 18" RCP

CONST. 137' OF 48" RCP

S-34

SD-5

6' SHLDR. (2' PAVED)

EXIST. POLE TO BE REMOVED

TOP OF BANK EL. 22.1' POND 7

POND BOTTOM EL. 19.6

CS-7

+37.79
83.31' RT.

CONST. 43' OF 24" RCP

+03.34
62.00' RT.

SWALE EL. 21.0

+29.34
66.25' RT.

+41.71
83.31' RT.

+49.71
87.00' RT.

END CONC. GRAVITY WALL SCHEME 1
END ALUM. PED. / BICYCLE RAILING
+13.25,80.33' RT.

S-35

CONST. 42' OF 19x30" ERCP

+34.34
81.00' RT.

FORT MYERS WORK CAMP ENTRANCE

S-33

+11.69
98.99' RT.

+22.34
98.96' RT.

BEGIN 6' SIDEWALK
STA. 77+18.09, 83.31' RT.
EL. 22.41

EXIST. SIGN TO REMAIN

BEGIN CONC. GRAVITY WALL SCHEME 1
BEGIN ALUM. PED. / BICYCLE RAILING
+86.75,80.33' RT.

EXIST. R/W LINE

+29.34
81.00' RT.

CONST. 17' OF 12"x18" ERCP

+16.93
94.08' RT.

+16.94
98.73' RT.
MATCH EXIST.

EXIST. GATE TO BE REMOVED

EXIST. FENCE

PARCEL 21-44-25-P1-00100.0710

+22.55
118.96' RT.

EXIST. WOODPOST FENCE AND LANDSCAPE TO BE REMOVED

EXIST. DRAINAGE / SLOPE EASEMENT

END 6' SIDEWALK
STA. 76+93.84, 83.31' RT.
EL. 22.41

+04.93, 98.76' RT.
EL. 22.47

℄ DRIVEWAY (PAVEMENT CROWN)

+94.16
98.78' RT.
MATCH EXIST.

PARCEL 21-44-25-P3-00100.0900

EXIST. POLE

PARCEL 21-44-25-P1-00100.0710

LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

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REVISIONS			
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom

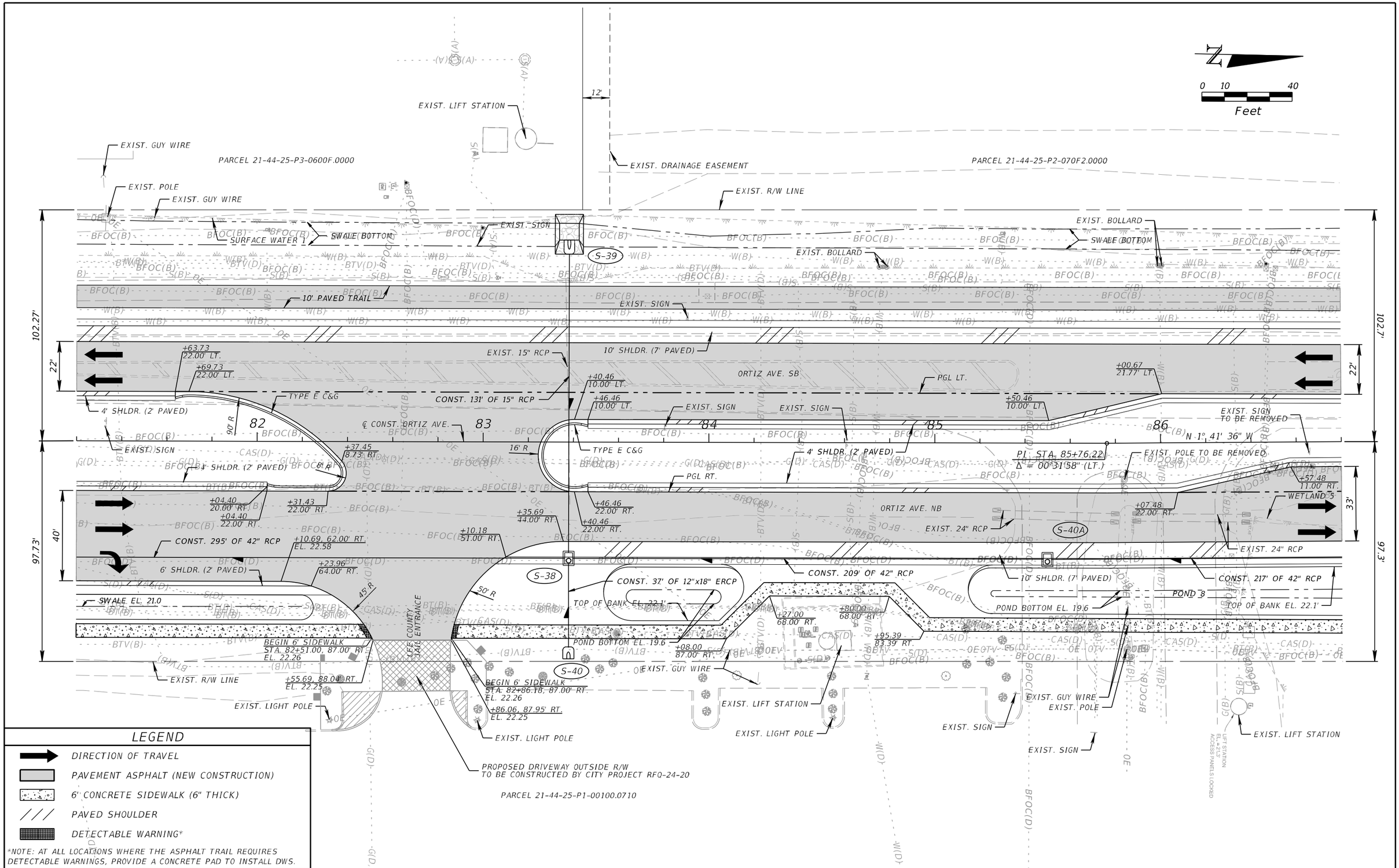
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (13)
STA. 75+60.00 TO STA. 81+20.00

SHEET NO. 31

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LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

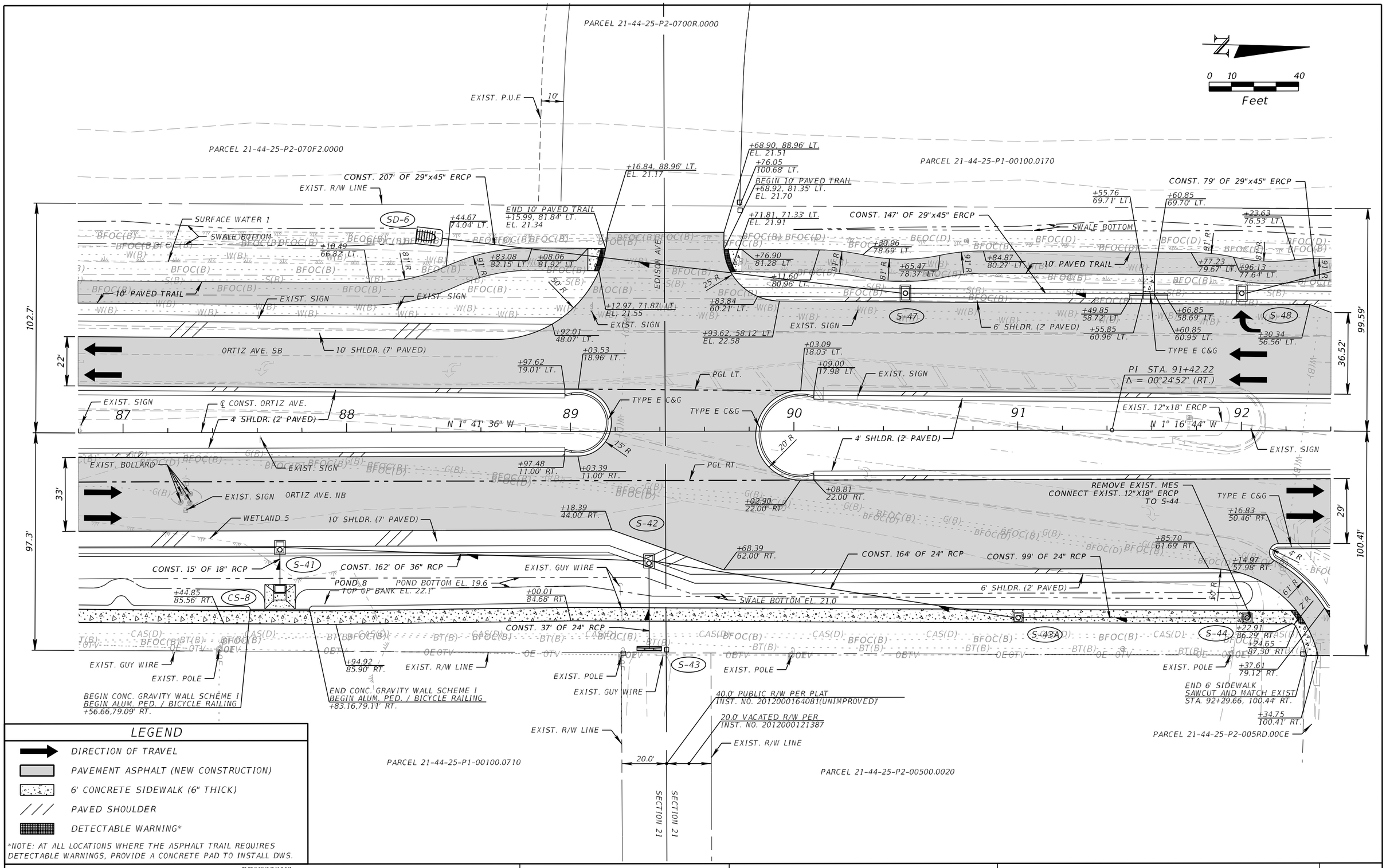
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (14)
STA. 81+20.00 TO STA. 86+80.00

SHEET NO. 32

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LEGEND

- DIRECTION OF TRAVEL
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
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P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (15)
STA. 86+80.00 TO STA. 92+40.00

SHEET NO. 33

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LEGEND

- DIRECTION OF TRAVEL
- LIMITS OF MILLING & RESURFACING
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- PAVEMENT WIDENING
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

PARCEL 21-44-25-P1-00100.0170

END RECONSTRUCTION
BEGIN SHOULDER CONSTRUCTION
BEGIN WIDENING
BEGIN MILLING
AND RESURFACING
STA. 95+00.00

N
0 10 40
Feet

SD-6
EXIST. 15" RCP
+70.09 70.44' LT.
+00.76 64.34' LT.
+80.30 38.45' LT.
SURFACE WATER 1
BERM
SWALE BOTTOM
+01.97 63.92' LT.
EXIST. R/W LINE
EXIST. SIGN
+84.56 68.28' LT.
EXIST. SIGN
+00.00 38.00' LT.
10' PAVED TRAIL
99.59'
36.52'
99.82'
22'
10' SHLDR. (7' PAVED)
ORTIZ AVE. SB
+20.00 17.54' LT.
+20.00 15.54' LT.
PGL LT.
+08.88 16.19' LT.
TYPE E C&G
+00.00 16.93' LT.
93 94 95 96 97 98
N 1° 16' 44" W
℄ CONST. ORTIZ AVE.
N 1° 16' 44" W
+15.14 20.03' RT.
+00.00 0.74' RT.
+15.14 2.49' LT.
+50.76 0.95' LT.
4' SHLDR. (2' PAVED)
PGL RT.
+09.15 20.07' RT.
TYPE E C&G
+00.00 20.39' RT.
+08.97 12.01' RT.
62'
100.41'
100.18'
29'
TYPE E C&G
+71.49 50.07' RT.
+15.14 49.75' RT.
+45.61 42.53' RT.
+91.44 42.20' RT.
+00.00 55.41' RT.
+00.00 59.41' RT.
+02.55 63.65' RT.
ORTIZ AVE. NB
+84.01 54.81' RT.
+14.76 56.58' RT.
+59.45 61.04' RT.
EXISTING TRAFFIC SEPARATOR TO REMAIN
+69.06 78.40' RT.
+79.66 56.74' RT.
+66.56 86.27' RT.
+74.99 56.05' RT.
+41.60 59.84' RT.
+91.51 61.48' RT.
+08.51 61.35' RT.
+84.02 56.81' RT.
+21.17 60.54' RT.
+58.98 62.84' RT.
6' SHLDR. (2' PAVED)
EXIST. SIGN
10' SHLDR. (7' PAVED)
+40.65 80.29' RT.
+43.87 86.71' RT.
+88.00 86.27' RT.
6' SHLDR. (2' PAVED)
+97.55 63.68' RT.
EXIST. SIGN
+14.78 58.58' RT.
+73.63 80.64' (RT)
EXIST. SIGN
+78.57 87.39' RT.
+64.27 96.69' RT.
SD-4
+97.76 93.30' RT.
CONST. 17' OF 12"x18" ERCP
+63.29 96.10' RT.
+79.63 95.50' RT.
+54.85 96.70' RT.
+68.45 99.19' RT.
EXIST. MES TO REMAIN
EXIST. POLE
EXIST. POLE
EXIST. BOLLARD
+45.57 86.28' RT.
+00.97 99.39' RT.
EXIST. R/W LINE
EXIST. POLE
+02.76 93.30' RT.
EXIST. SIGN
+42.93 89.68' RT.
EXIST. SWK. TO BE REMOVED
PARCEL 21-44-25-P2-0050A.00CE
EXIST. 12"x18" ERCP TO REMAIN
+66.56 100.40' RT.
BEGIN 6' SIDEWALK STA. 92+82.80, 86.27' RT.
EXIST. 15" RCP
+69.06 88.77' RT.
+49.85 99.20' RT.
EXIST. SIGN
EXIST. LIFT STATION
+45.91 100.41' RT.
EXIST. EASEMENT LINE
+81.04 100.39' RT.
RACETRAC ENTRANCE
PARCEL 21-44-25-P2-005RD.00CE
END 6' SIDEWALK STA. 96+63.22, 99.24' RT.
BEGIN 6' SIDEWALK STA. 96+79.55, 99.23' RT.
RACETRAC ENTRANCE
SEWER MANHOLE RIM EL. = 23.57' UNABLE TO OPEN
SEWER MANHOLE RIM EL. = 24.57' UNABLE TO OPEN
SEWER MANHOLE RIM EL. = 23.10' UNABLE TO OPEN
LIFT STATION ACCESS PANELS LOCKED
LIFT STATION ACCESS PANELS LOCKED
PARCEL 21-44-25-P2-00500.0010
PARCEL 21-44-25-P2-00500.0020

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (16)
STA. 92+40.00 TO STA. 98+00.00

SHEET NO. 34

jBernardini 7/28/2023 9:54:26 AM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\joseph bernardini\dms24051\PLANRD101.dgn

PARCEL 21-44-25-P1-00100.0170

END 10' PAVED TRAIL
SAWCUT AND MATCH EXIST
STA. 100+24.70, 72.52' LT.

+05.60
99.91' LT.

EXIST. R/W LINE

BERM

SWALE BOTTOM

+90.71
67.58' LT.

+28.31
66.95' LT.

10' PAVED TRAIL

EXIST. SIGN

EXIST. SIGN

+69.90
37.03' LT.

EXIST. POLE

EXIST. LIGHT POLE

EXIST. 36" RCP

SR 82 (DR. MARTIN LUTHER KING JR. BLVD.)

END PROJECT
END MILLING AND RESURFACING
STA. 100+33.34
MATCH EXIST.

99.82'

22'

10' SHLDR. (7' PAVED)

END SHLDR. CONSTRUCTION LT.
STA. 100+06.77, 43.03' LT.

+21.89
16.92' LT.

+06.75
14.95' LT.

ORTIZ AVE. SB

+36.90
2.14' LT.

EXIST. SIGN

98 99 100 101

℄ CONST. ORTIZ AVE.

N 1° 16' 44" W

TYPE E C&G

+36.89
0.14' LT.

+06.75
1.84' LT.

+06.75
0.18' RT.

+21.89
0.18' RT.

EXIST. C&G

EXIST. MH & 36" RCP TO REMAIN

END SHLDR. CONSTRUCTION RT.
STA. 99+56.32, 61.95' RT.

EXIST. 36" RCP
TO REMAIN

62'

ORTIZ AVE. NB

EXIST. CONC. SIDEWALK
(TO REMAIN)

TYPE D CURB
+92.20
47.12' RT.

+06.75
47.04' RT.

END 6' SIDEWALK
SAWCUT AND MATCH EXIST.
STA. 99+20.95, 96.89' RT.

+40.19
57.87' RT.

+23.99
46.94' RT.

3' R

+92.24
53.46' RT.

SAWCUT AND MATCH EXIST.

100.18'

6' SHLDR. (2' PAVED)

EXIST. POLE

+17.65
93.13' RT.

EXIST. BOLLARD

+76.68
73.75' RT.

+95.02
53.44' RT.

EXIST. MH TO REMAIN

EXIST. R/W LINE

EXIST. GUY WIRE

+62.14
100.11' RT.

EXIST. SIGN

+18.39
99.13' RT.

EXIST. LIGHT POLE

EXIST. SIGN

EXIST. POLE

EXIST. INLET &
14"X23" ERCP
TO REMAIN

EXIST. BOLLARD

EXIST. EASEMENT LINE

EXIST. 36" RCP TO REMAIN

PARCEL 21-44-25-P2-00500.0010

EXIST. R/W LINE

SR 82 (DR. MARTIN LUTHER KING JR. BLVD.)

POT STA. 101+37.94

EXIST. POLE

EXIST. 36" RCP

EXIST. FENCE

EXIST. POLE

EXIST. SIGN

EXIST. SIGN

EXIST. 36" RCP

EXIST. SIGN

EXIST. SIGN

EXIST. GUY WIRE

EXIST. LIGHT POLE

EXIST. LIGHT POLE

EXIST. FENCE

EXIST. 24" RCP

EXIST. SIGN

0 10 40
Feet

LEGEND

- DIRECTION OF TRAVEL
- LIMITS OF MILLING & RESURFACING
- PAVEMENT ASPHALT (NEW CONSTRUCTION)
- PAVEMENT WIDENING
- 6' CONCRETE SIDEWALK (6" THICK)
- PAVED SHOULDER
- DETECTABLE WARNING*

*NOTE: AT ALL LOCATIONS WHERE THE ASPHALT TRAIL REQUIRES DETECTABLE WARNINGS, PROVIDE A CONCRETE PAD TO INSTALL DWS.

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KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PLAN (17)
STA. 98+00.00 TO STA. 101+37.94

SHEET NO. 35

BEGIN PROJECT
END MILLING AND RESURFACING
BEGIN RECONSTRUCTION
BEGIN PROPOSED GRADE LINE LT.
STA. 15+98.31, EL. 22.40

END MILLING AND RESURFACING
BEGIN RECONSTRUCTION
BEGIN PROPOSED GRADE LINE RT.
STA. 15+98.31, EL. 22.07

EXIST. GROUND @ PGL RT.
(FPID 413065-1-52-01)

EXIST. GROUND @ PGL LT.
(FPID 413065-1-52-01)

PROPOSED PROFILE GRADE LT.

(+) 0.261%

(+) 0.335%

PROPOSED PROFILE GRADE RT.

EXIST. GROUND @ ℄ CONST. ORTIZ AVE.

S-1

EXIST. 24" RCP

CONST. 24" RCP

FL EX. 16.97

FL 17.00

S-1A

21.97

0.0000

DPI LT
STA 18+20.00
EL. 17.50

CONST. 24" RCP

SWALE PROFILE LT

FL 17.00

FL 17.00

36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0

15+00 16+00 17+00 18+00 19+00

SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
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Fort Myers, Florida 33912
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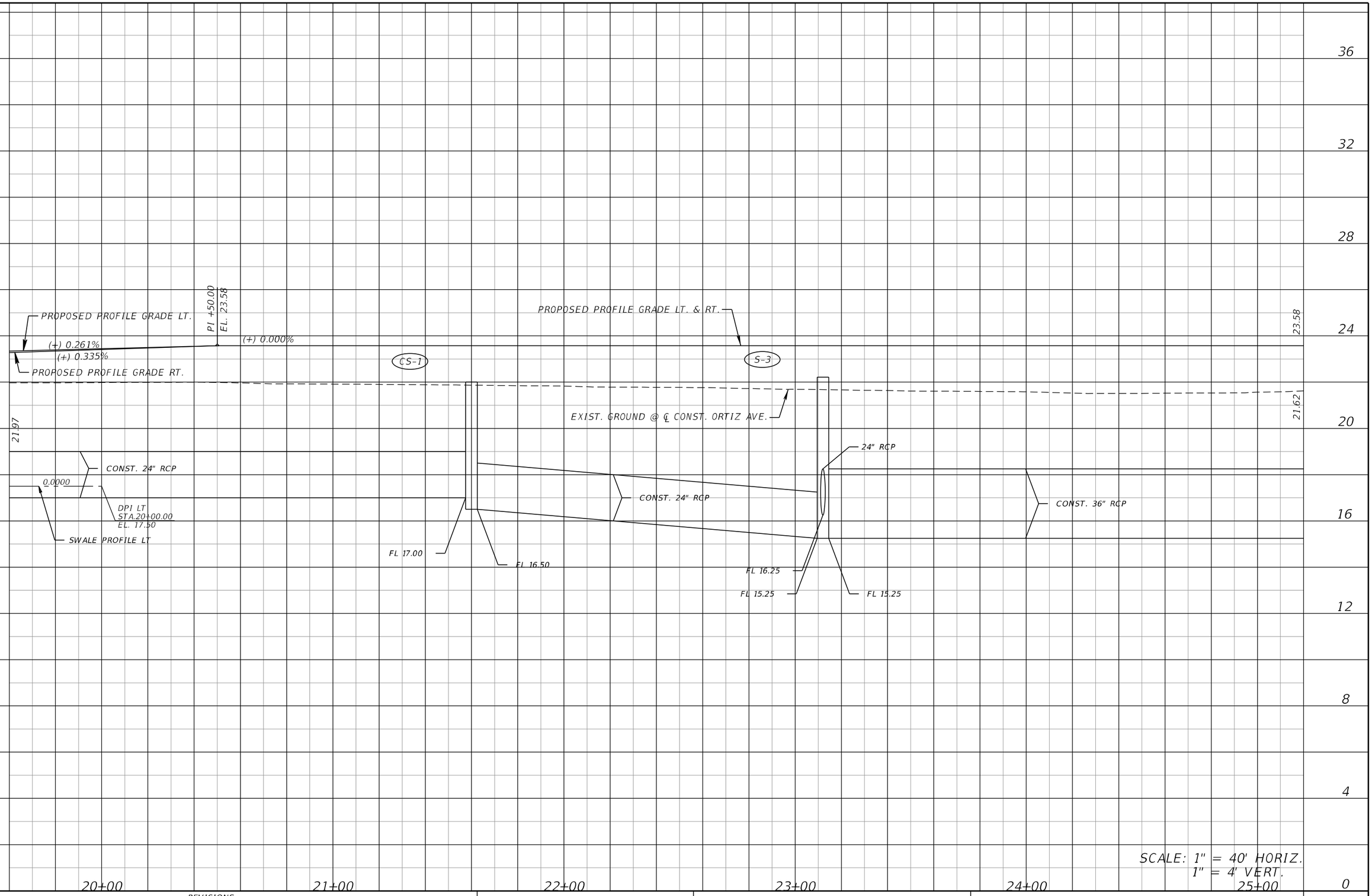
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (1)

SHEET NO. 36

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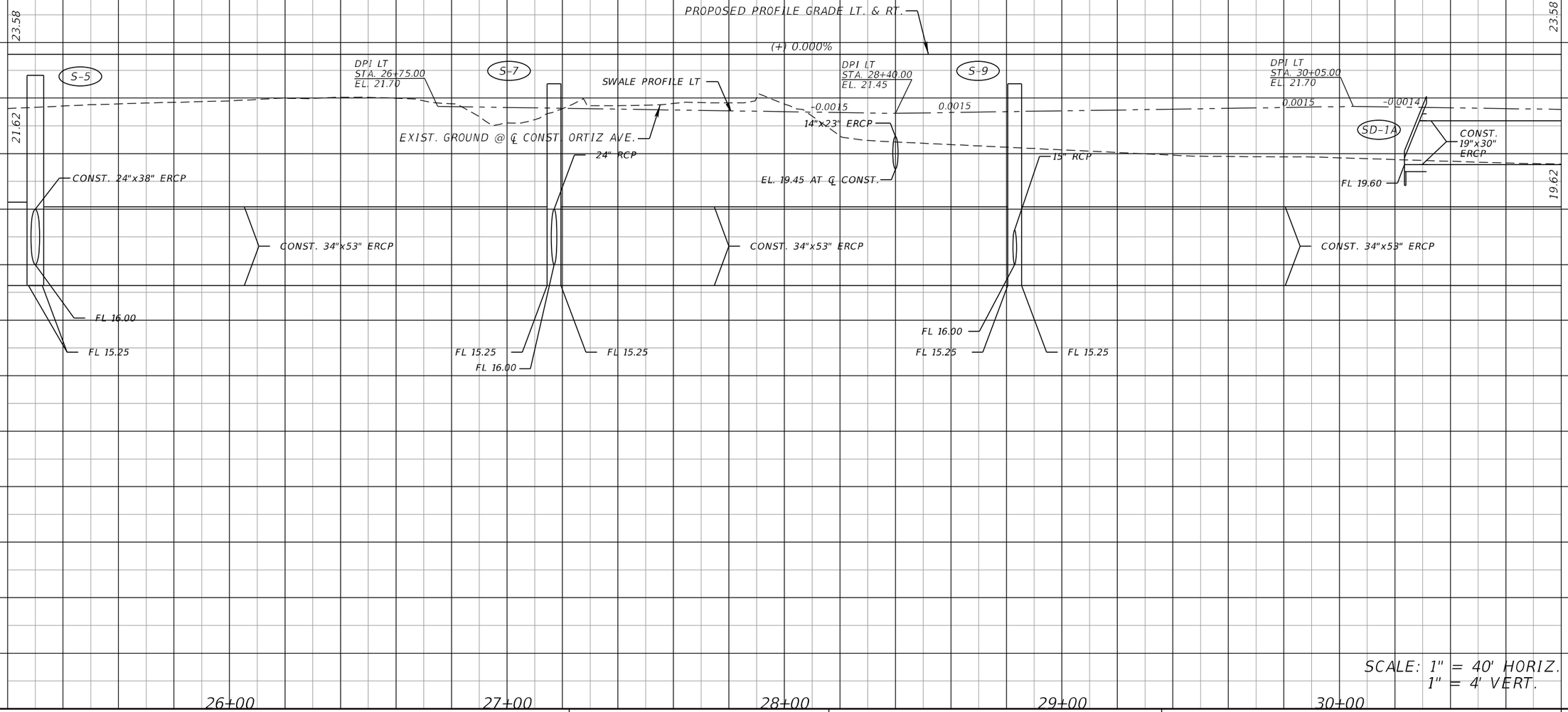
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (2)

SHEET NO. 37

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SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
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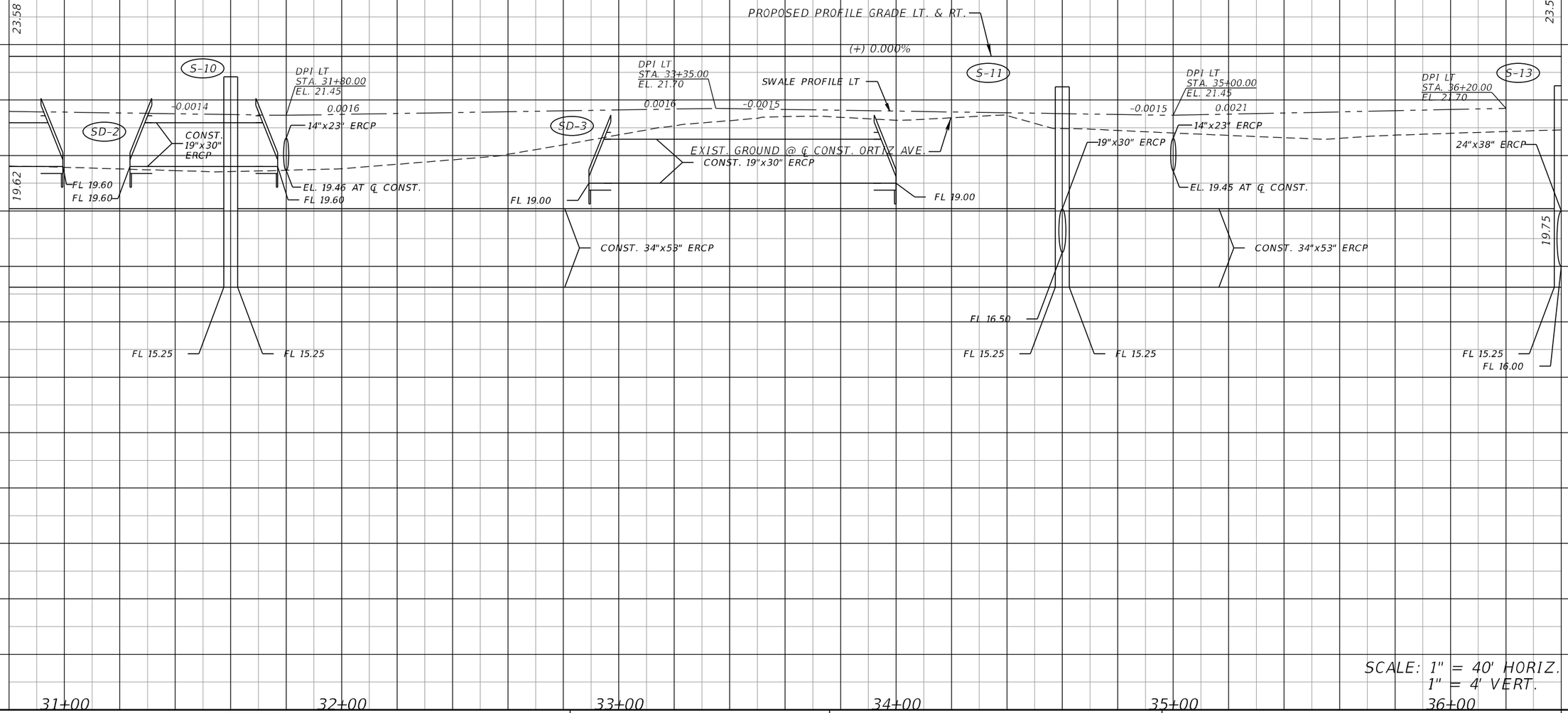
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (3)

SHEET NO. 38

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SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
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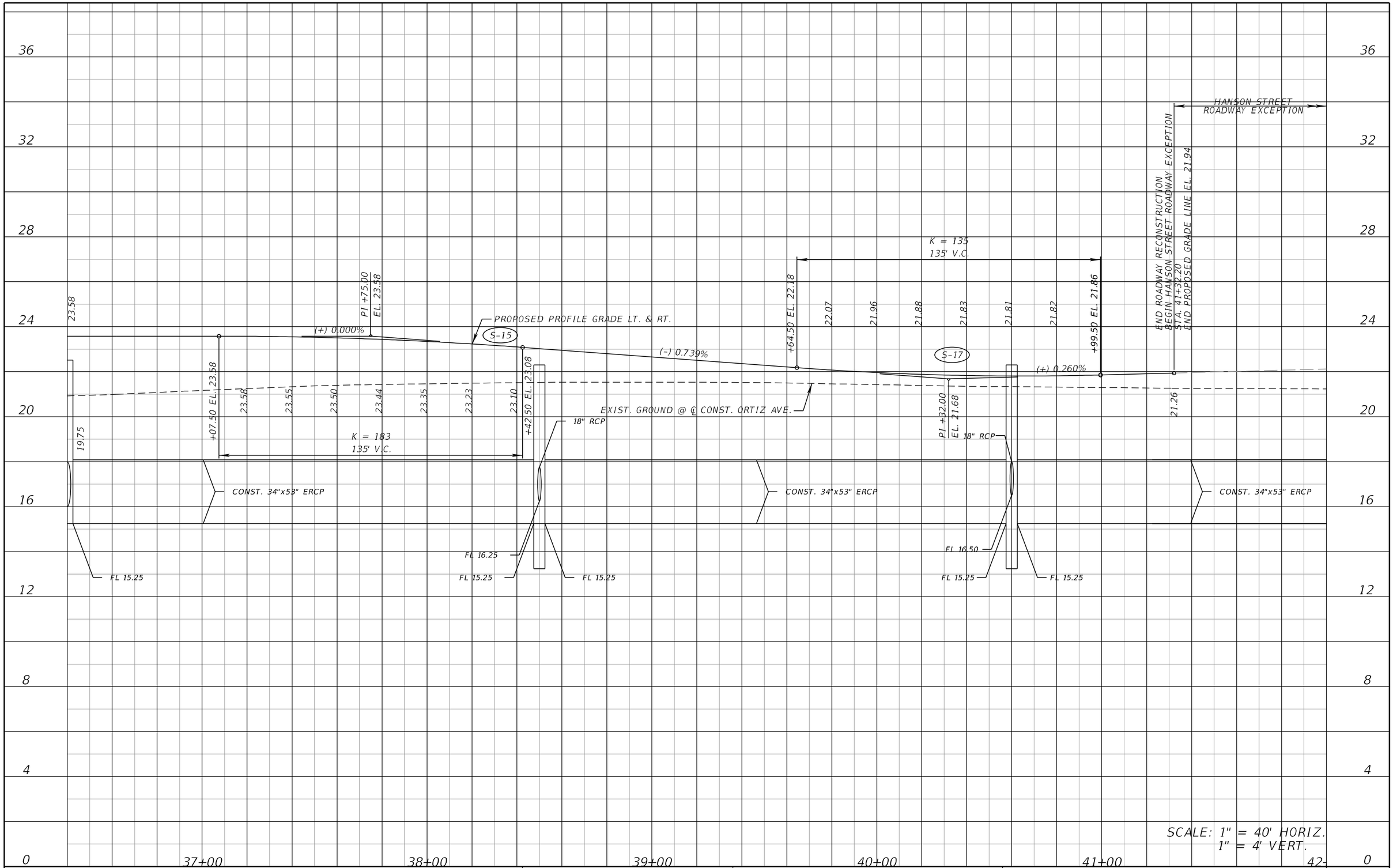
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (4)

SHEET NO. 39

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (5)

SHEET NO. 40

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

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HANSON STREET
ROADWAY EXCEPTION

BY OTHERS

PROFILE GRADE LINE

(+) 0.264%

(−) 0.644%

(+) 2.000%

S-18

S-19

PI +22.96
EL. 23.85

K = 45
120' V.C.

K = 110
100' V.C.

21.24

21.72

CONST. 34"x53" ERCP

CONST. 34"x53" ERCP

CONST. 34"x53" ERCP

18" RCP

PI +72.95
EL. 22.24

FL 16.50

FL 15.25

FL 15.25

FL 15.25

FL 15.25

36
32
28
24
20
16
12
8
4
0

43+00
44+00
45+00
46+00
47+00

SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
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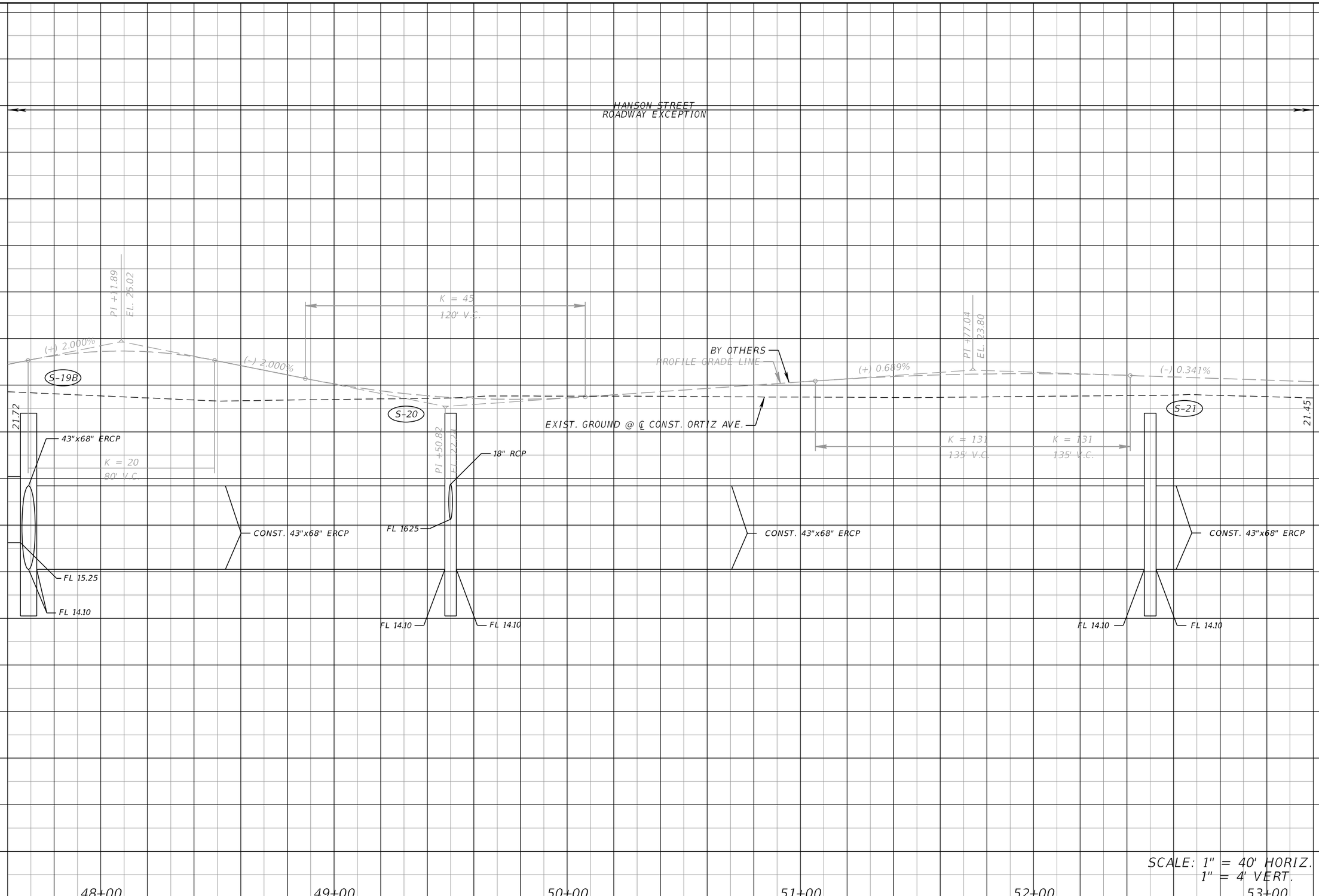
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (6)

SHEET NO. 41

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SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
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KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (7)

SHEET NO. 42

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

HANSON STREET
ROADWAY EXCEPTION

END HANSON STREET ROADWAY EXCEPTION
STA. 55+35.10
BEGIN PROPOSED GRADE LINE EL. 22.69

K = 118
135' V.C.

BY OTHERS
PROFILE GRADE LINE

(-) 0.341%
(+) 0.806%
(+) 0.053%
(+) 0.539%
(+) 0.000%

PROPOSED PROFILE GRADE LT. & RT.

PI +00.00
EL 23.58

21.45
PI +21.04
EL. 22.95
21.40
23.58
20.77

EXIST. GROUND @ ℄ CONST. ORTIZ AVE.

S-22
S-23

18" RCP

CONST. 43"x68" ERCP
CONST. 43"x68" ERCP

FL 14.10
FL 14.10
FL 16.00
FL 14.10
FL 14.10

36 32 28 24 20 16 12 8 4 0

54+00 55+00 56+00 57+00 58+00

SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS

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KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
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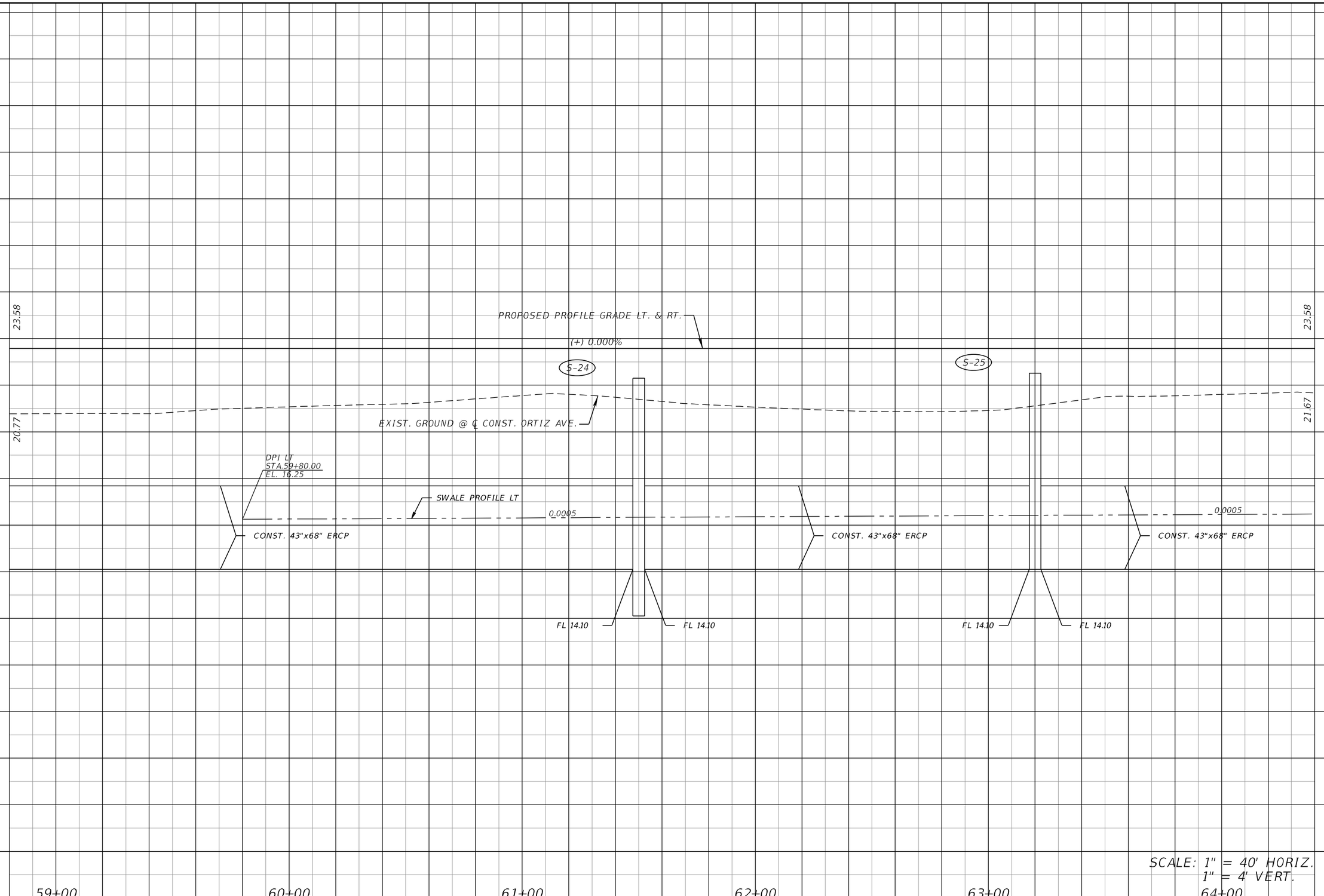
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (8)

SHEET NO. 43

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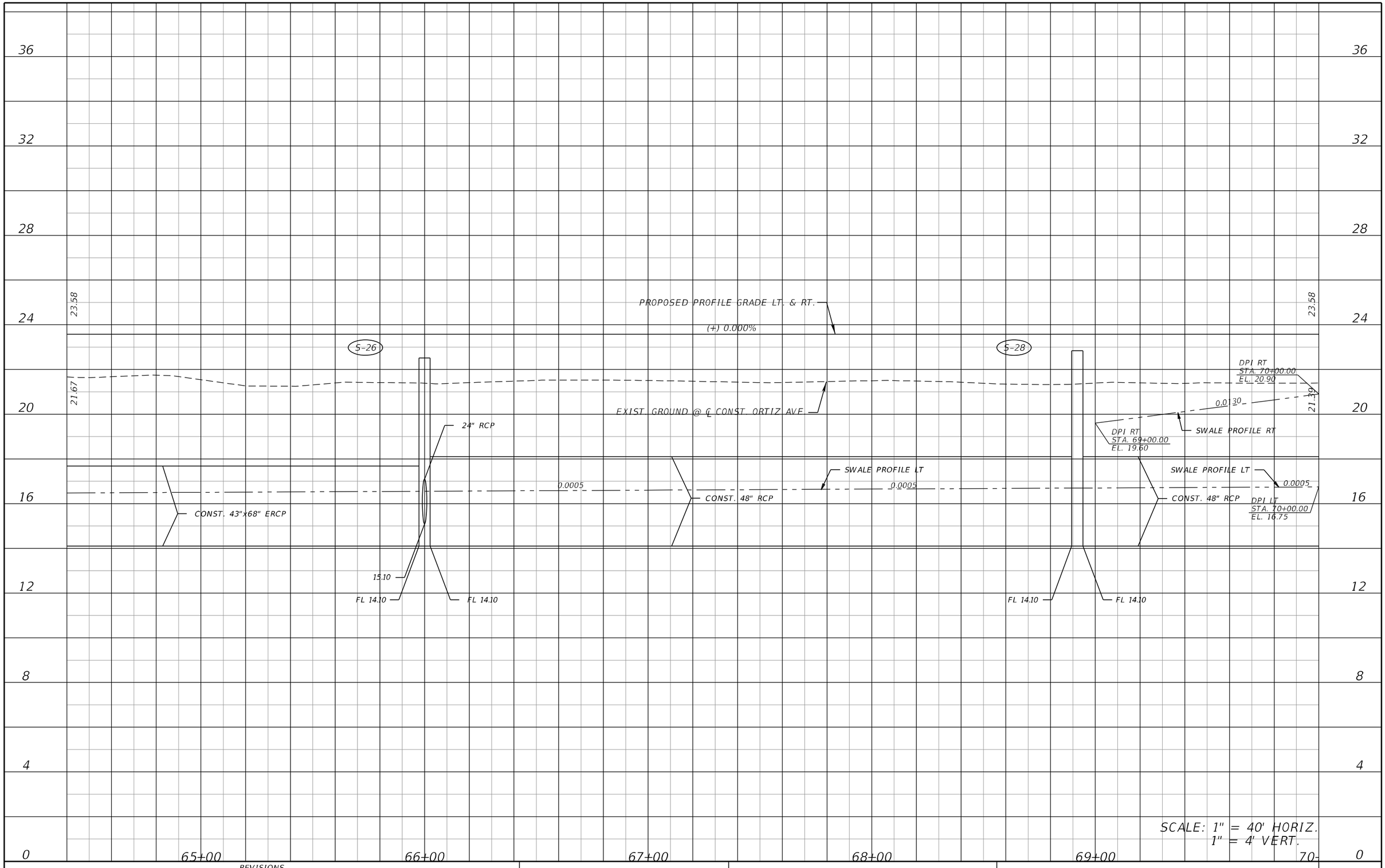
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (9)

SHEET NO. 44

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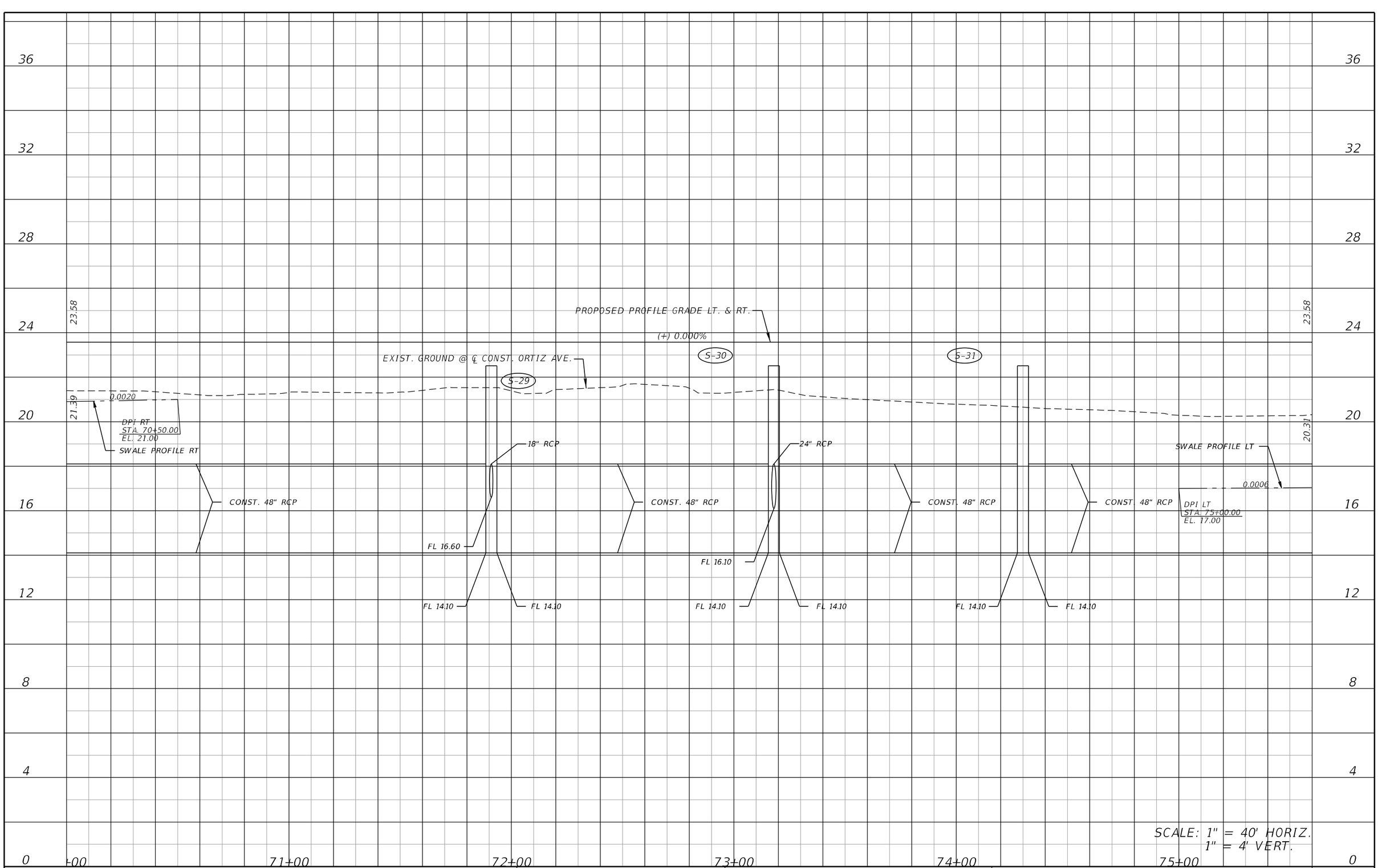
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (10)

SHEET NO. 45

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SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
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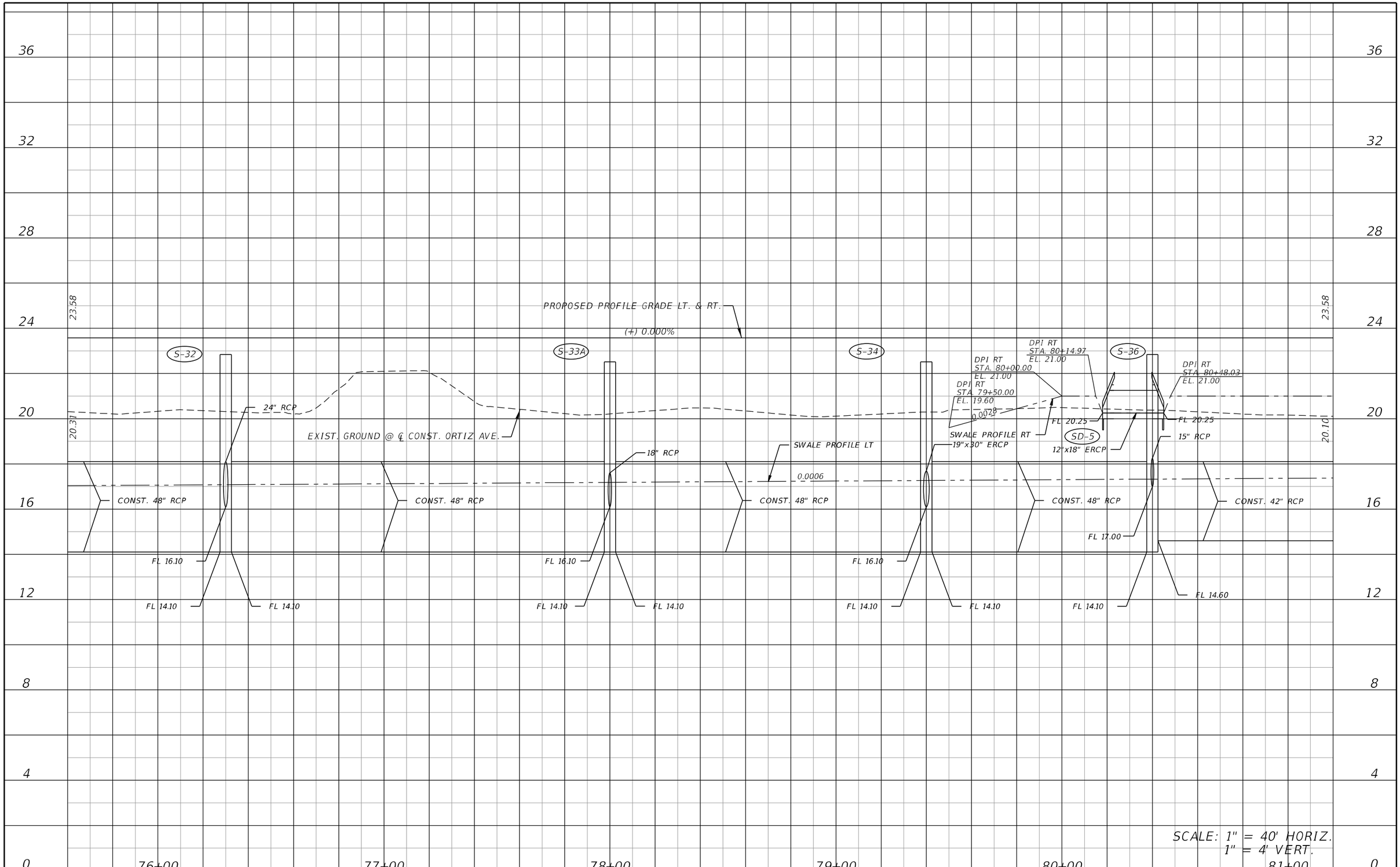
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (11)

SHEET NO. 46

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



SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

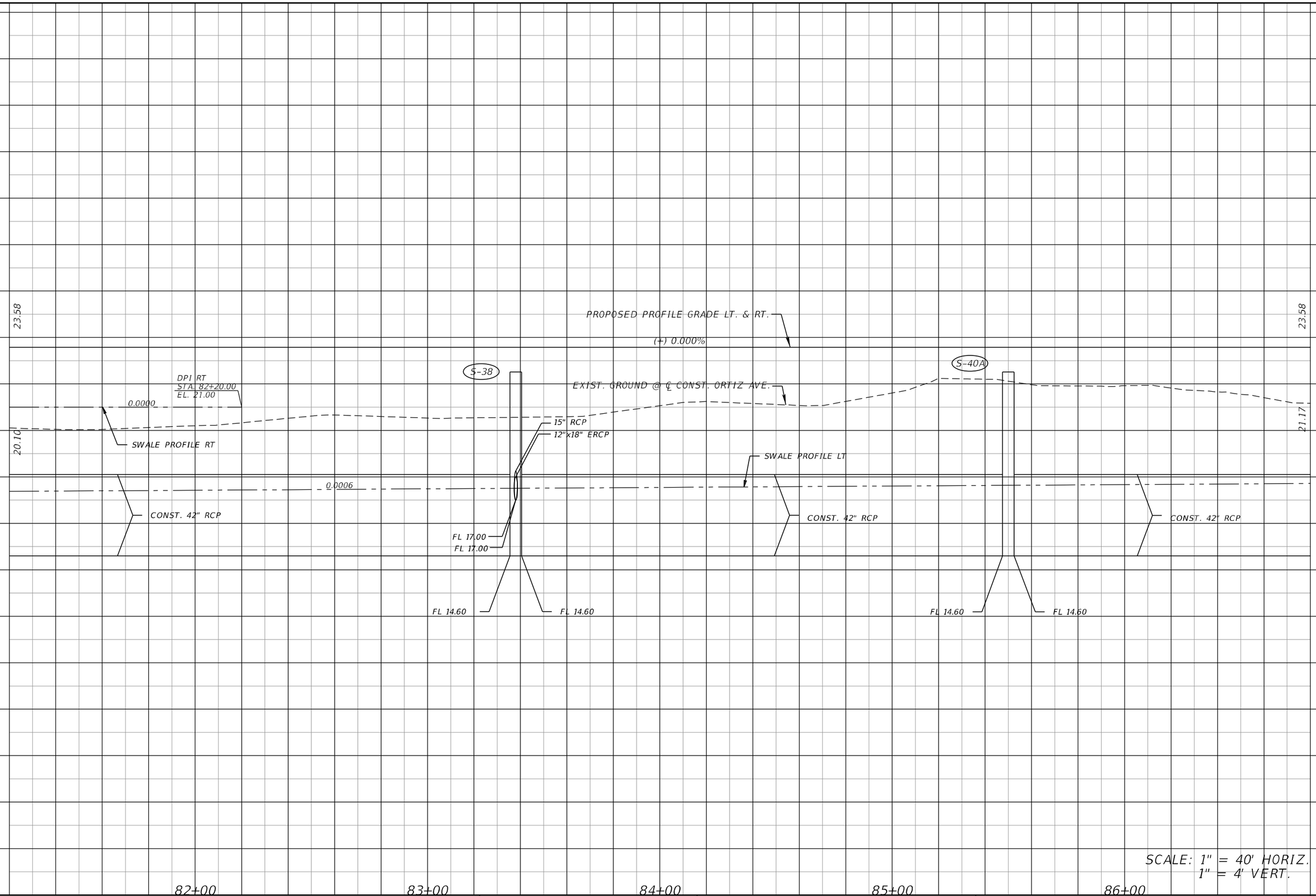
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (12)

SHEET NO. 47



SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
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Fort Myers, Florida 33912
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P.E. No.: 78492

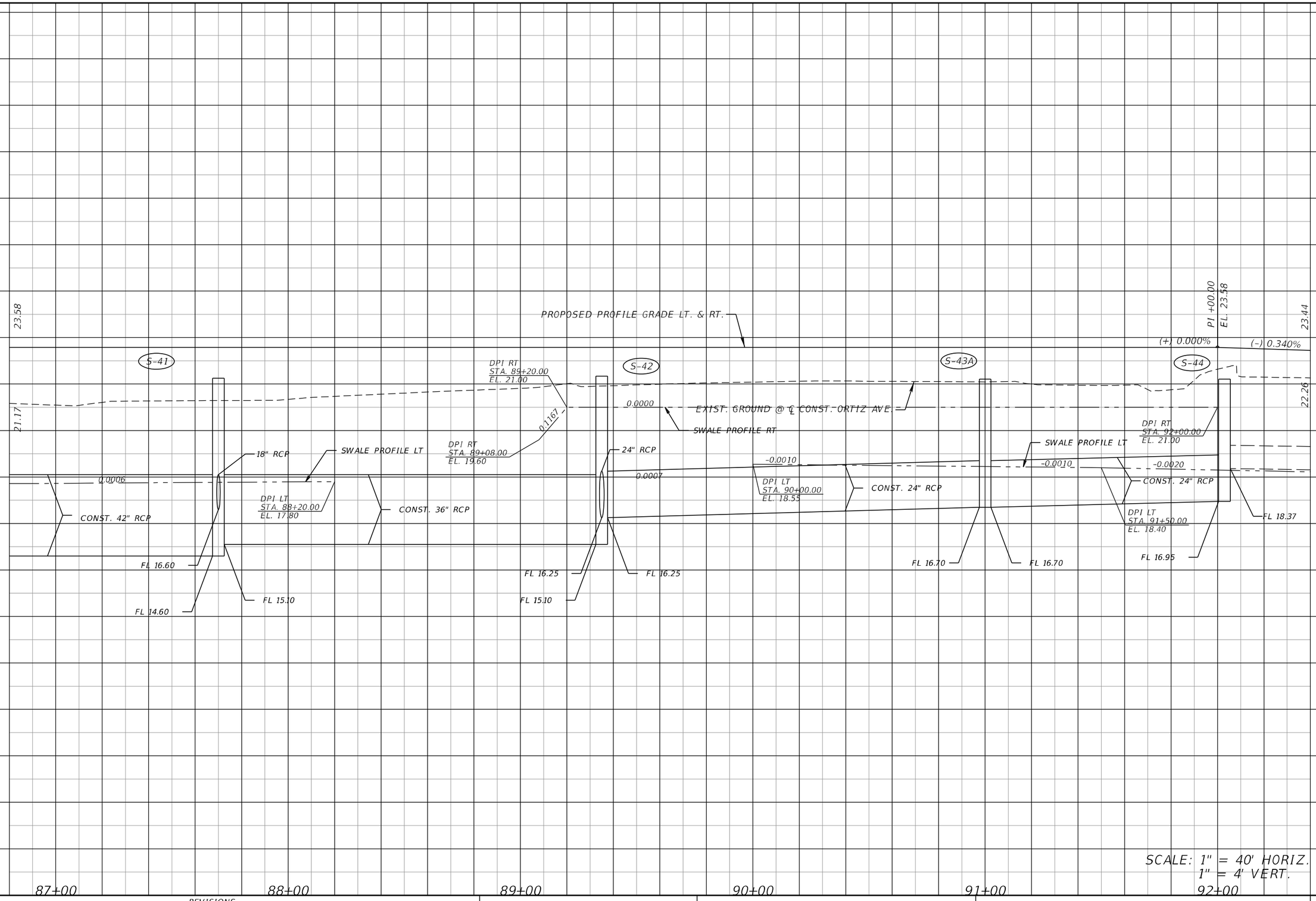
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (13)

SHEET NO. 48

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

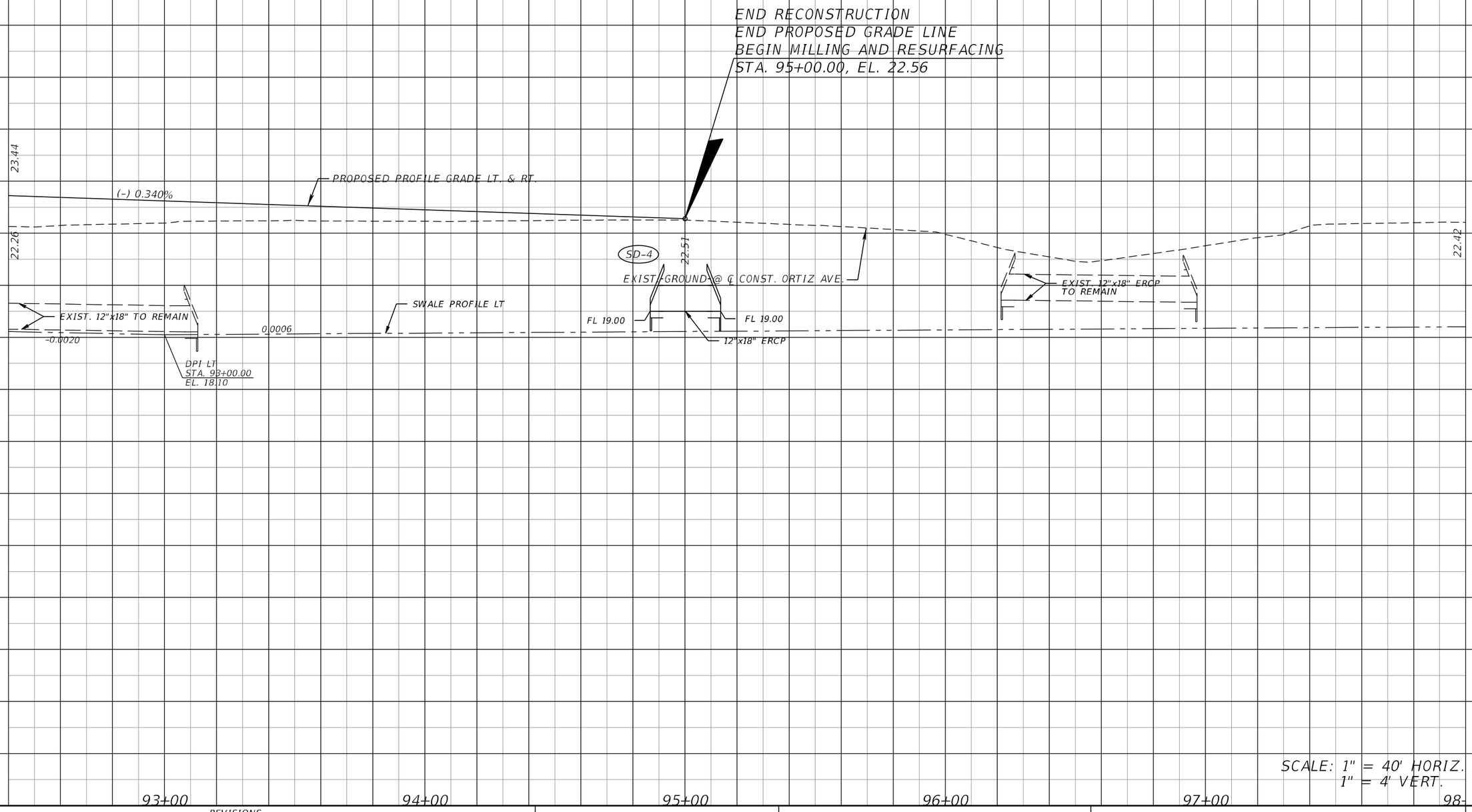
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (14)

SHEET NO. 49

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



SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (15)

SHEET NO. 50

36
32
28
24
20
16
12
8
4
0

END PROJECT
END CONSTRUCTION
END MILLING AND RESURFACING
STA. 100+33.34

22.42

EXIST. GROUND @ ℄ CONST. ORTIZ AVE.

22.07

SWALE PROFILE LT

0.0006

DP I LT
STA. 99+50.00
EL. 18.50

+00
99+00
100+00
101+00

SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

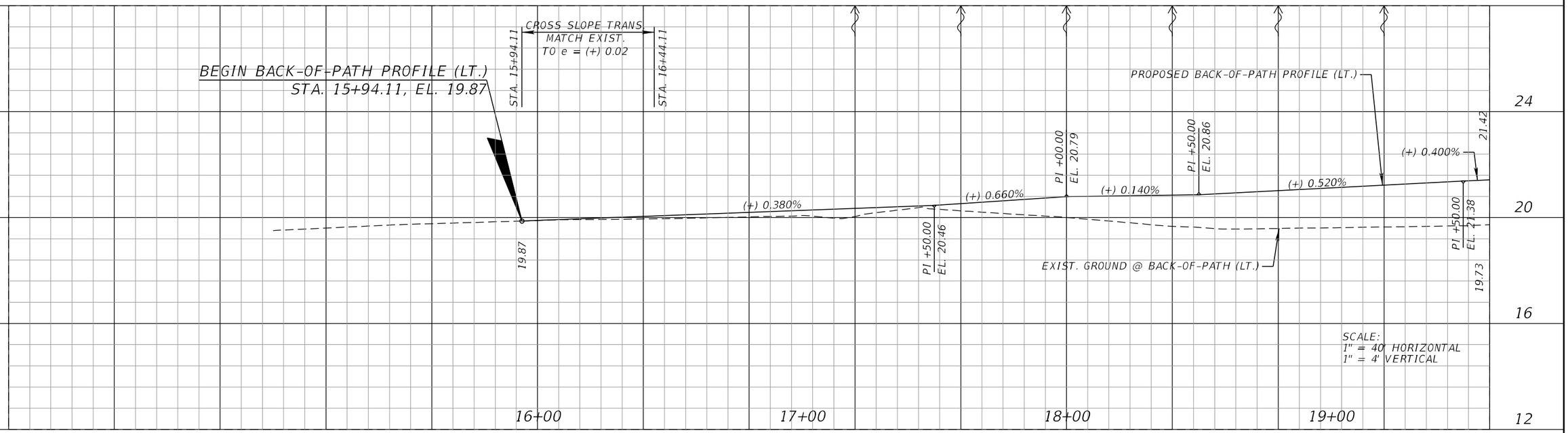
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ROADWAY PROFILE (16)

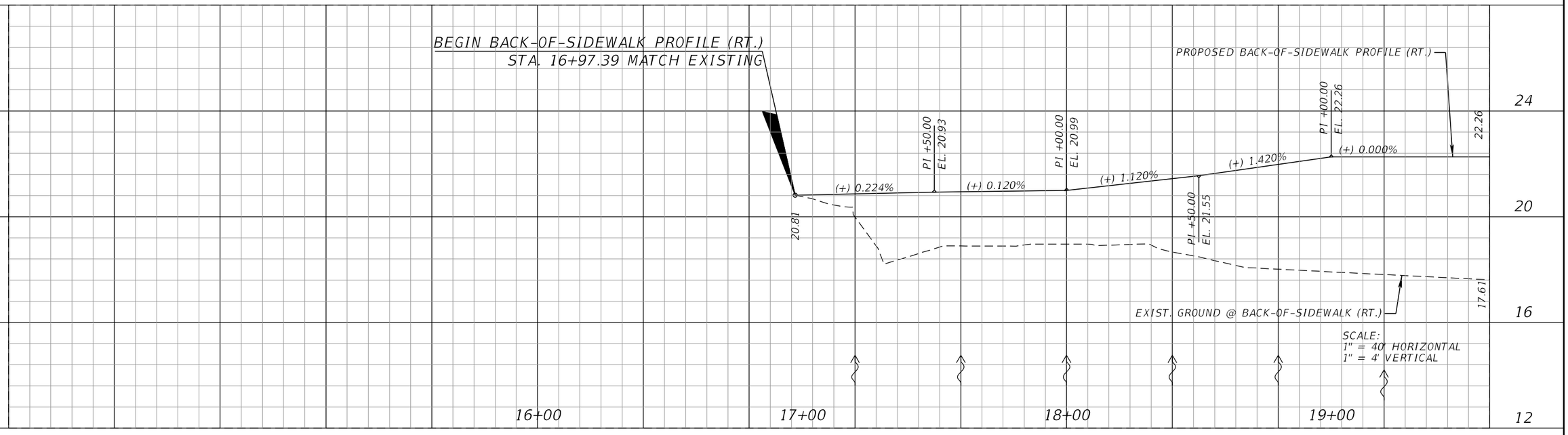
SHEET NO. 51

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

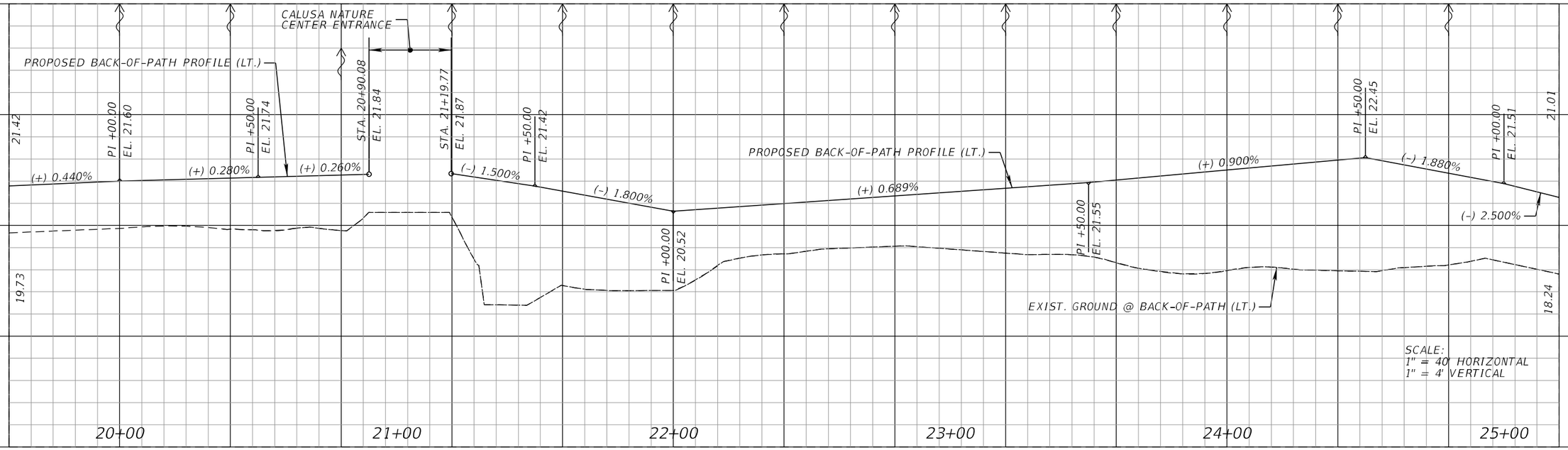
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (1)

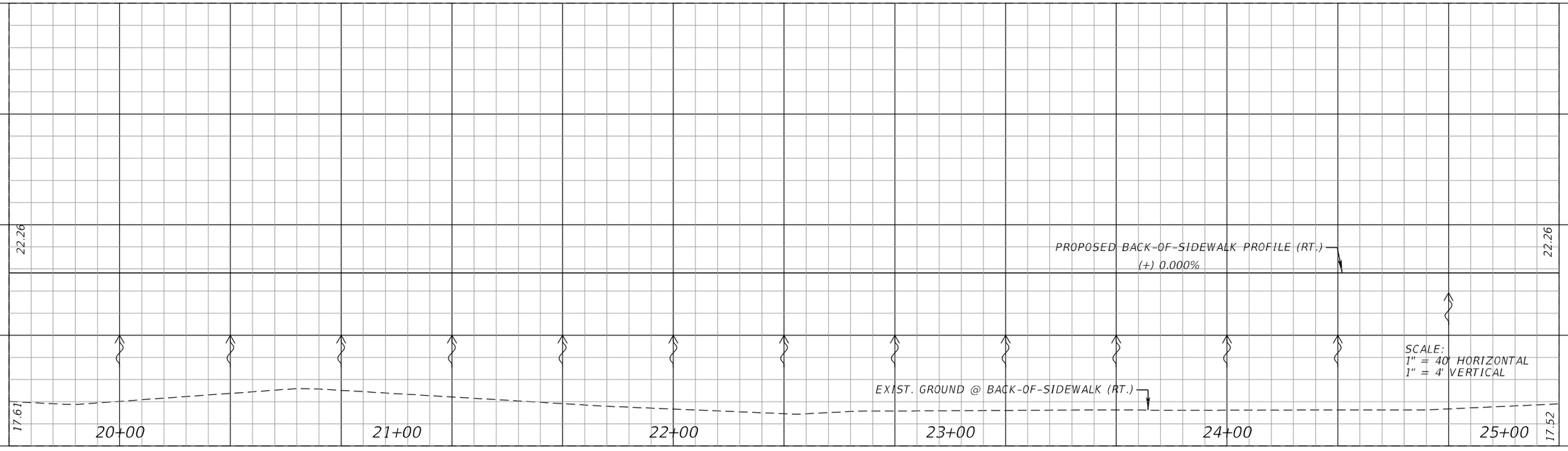
SHEET NO. 52

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

BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

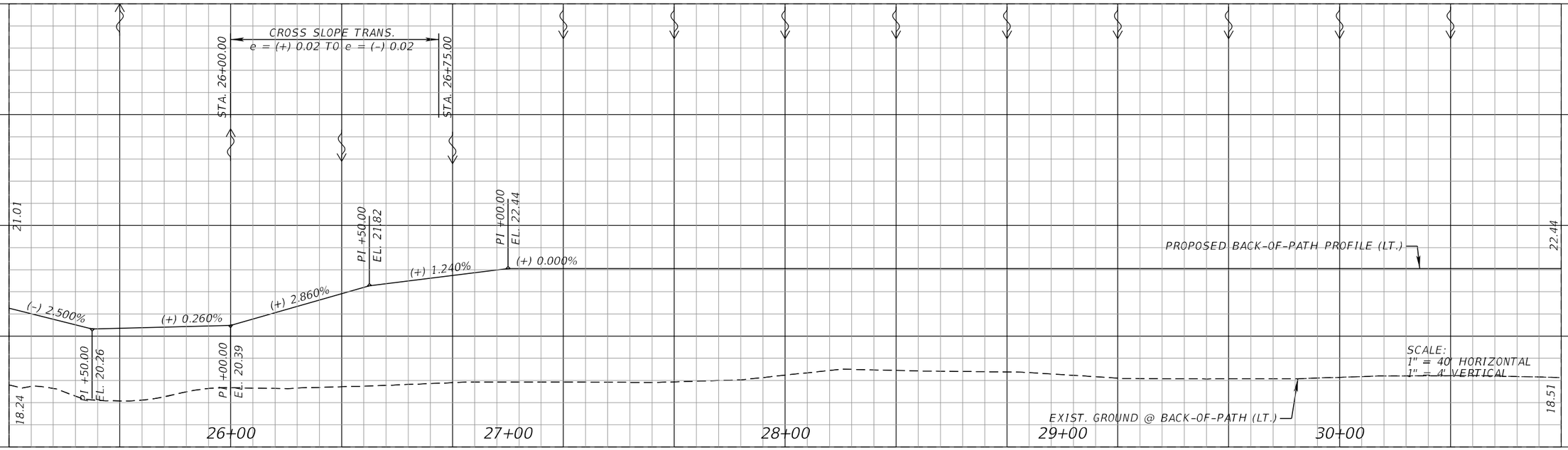
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (2)

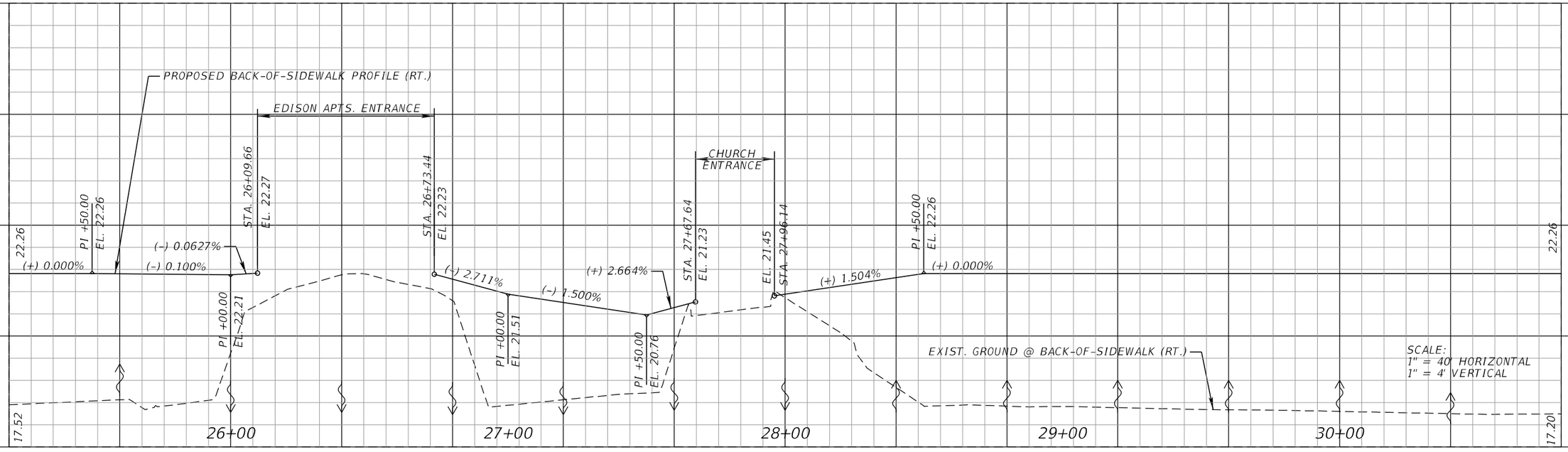
SHEET NO. 53

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

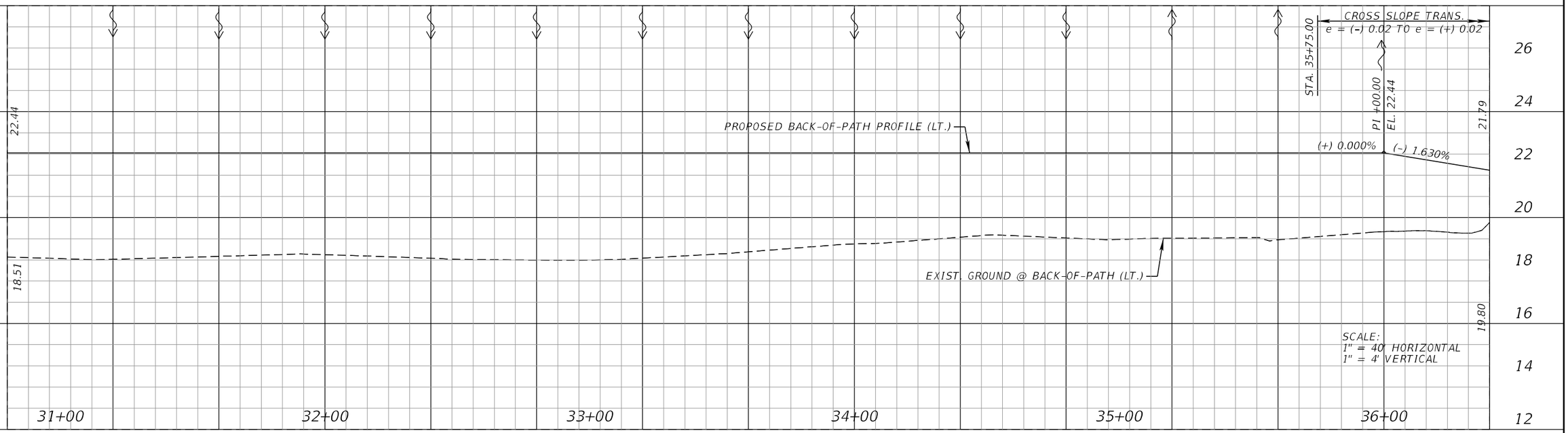
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (3)

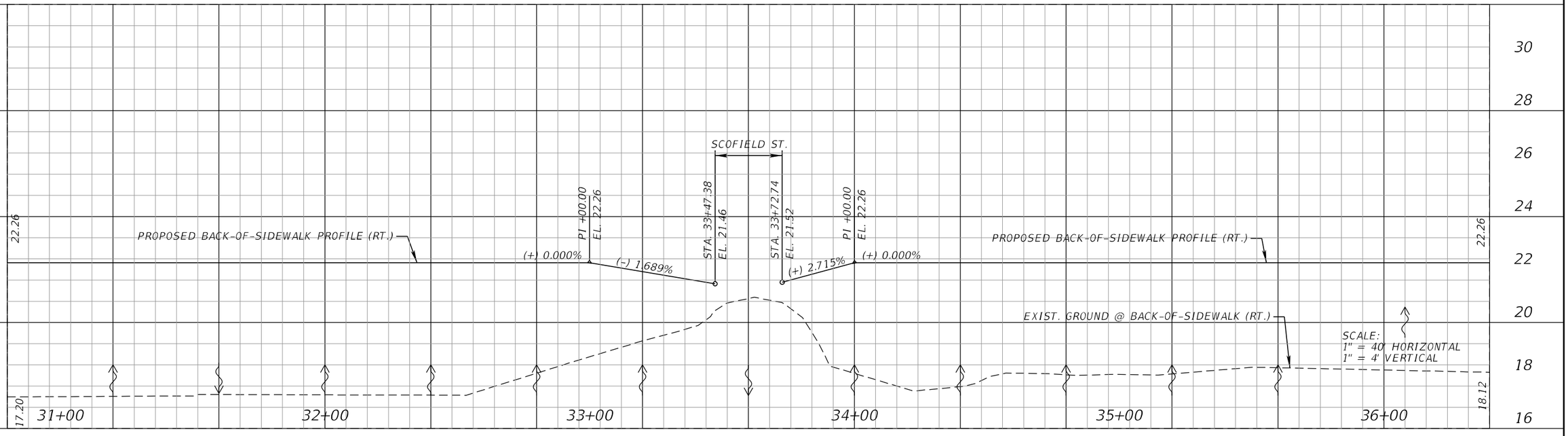
SHEET NO. 54

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

BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

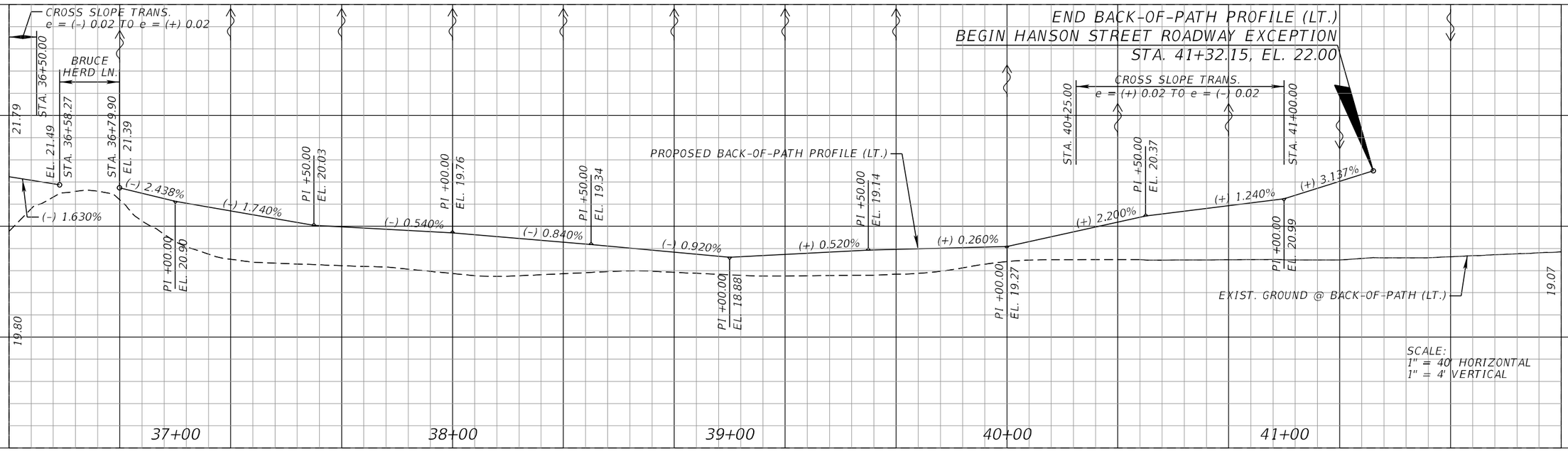
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (4)

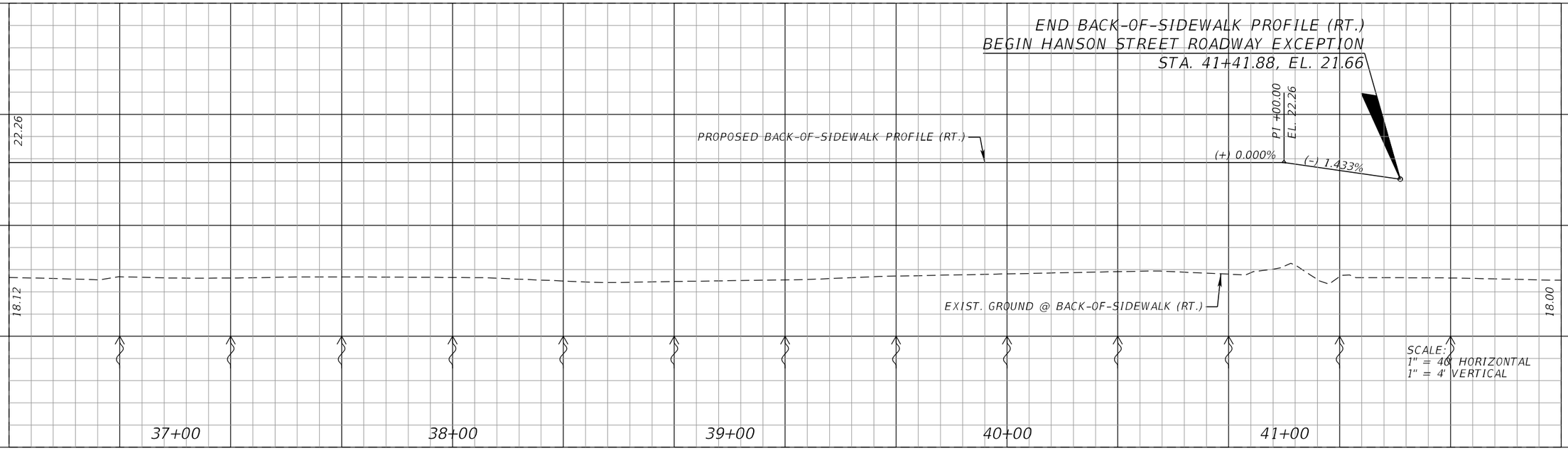
SHEET NO. 55

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

BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

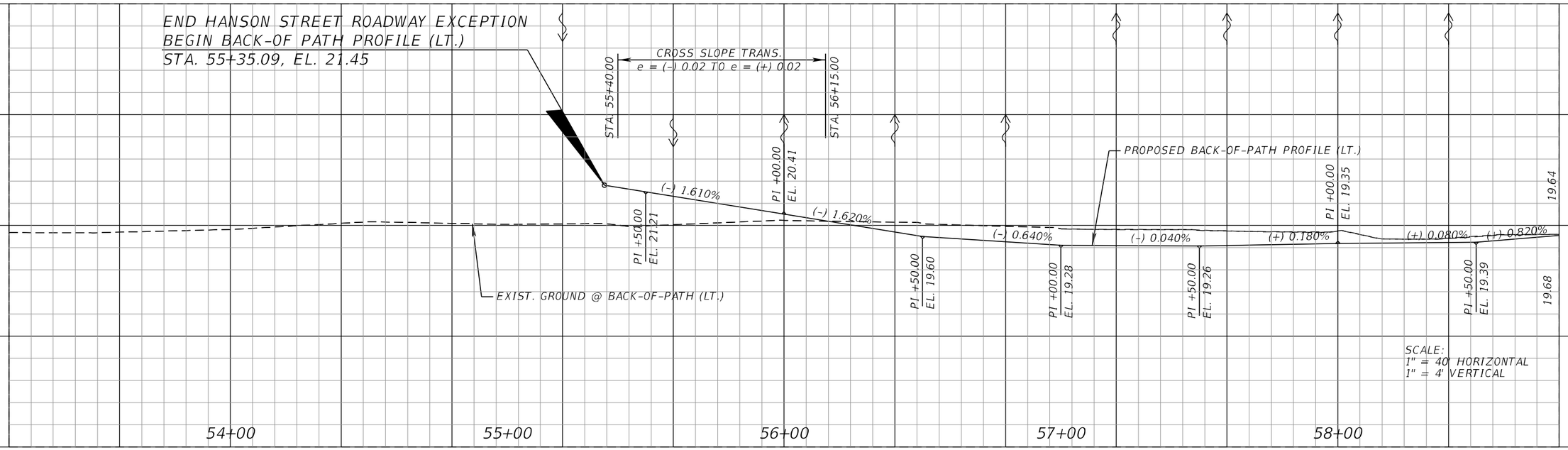
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (5)

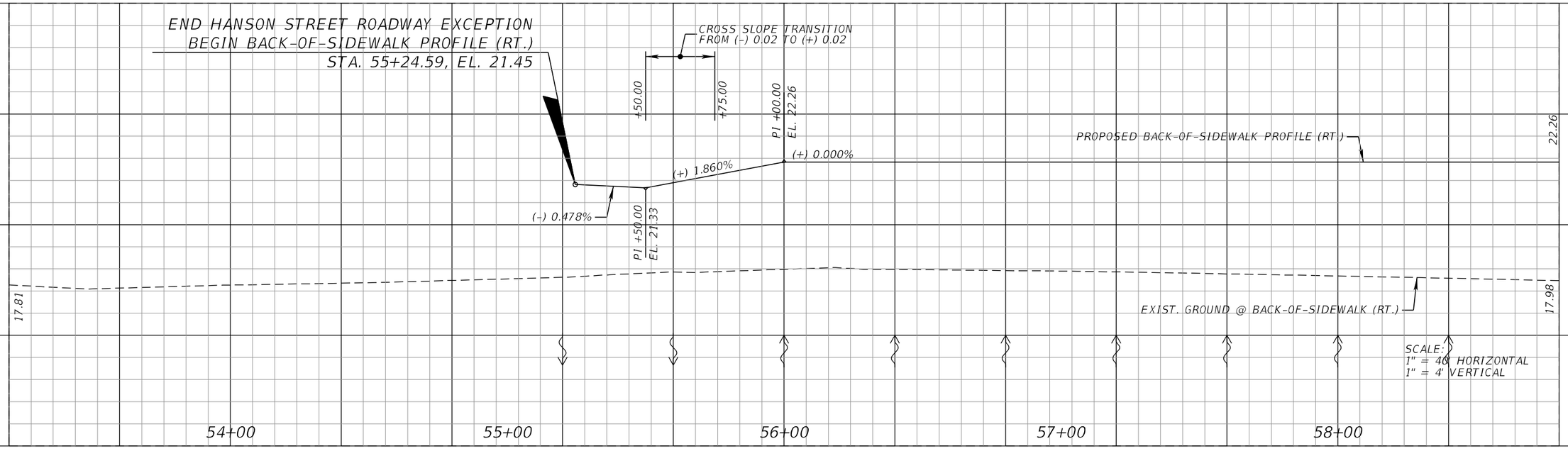
SHEET NO. 56

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

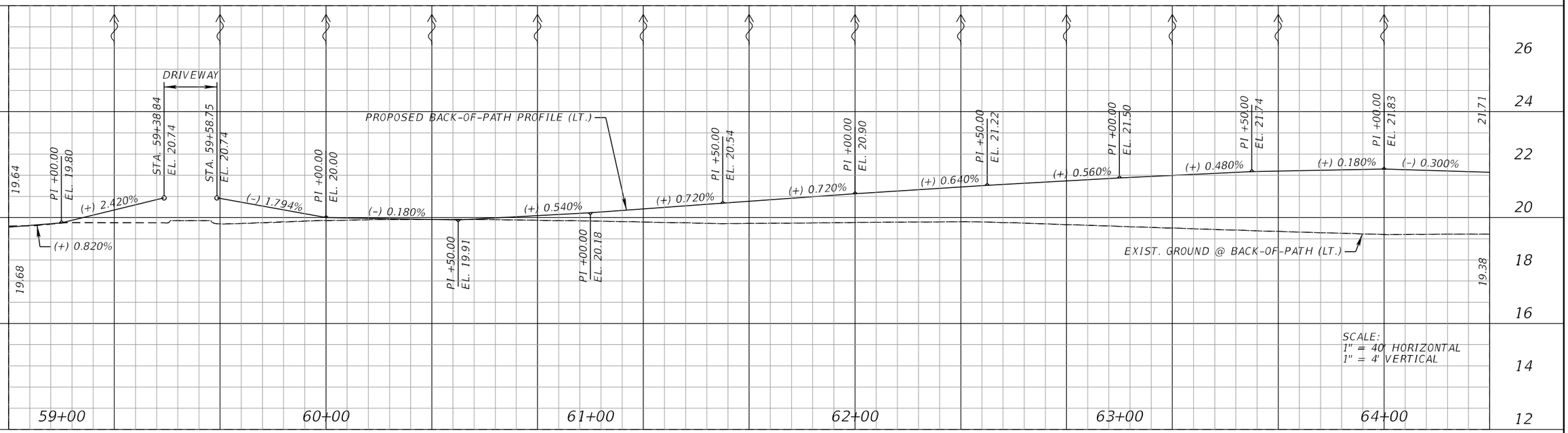
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (6)

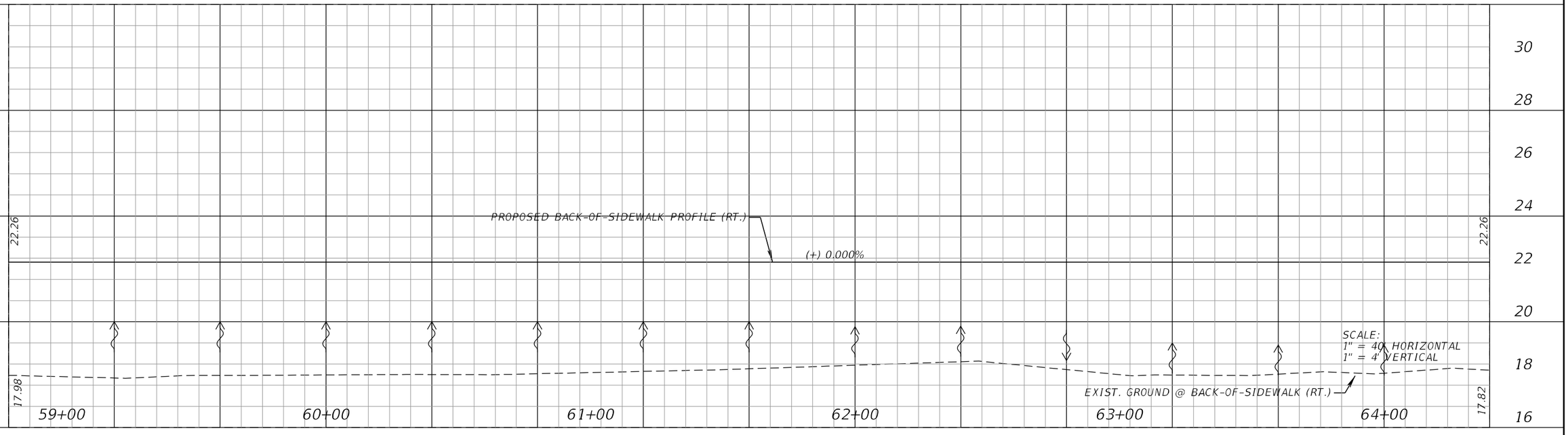
SHEET NO. 57

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

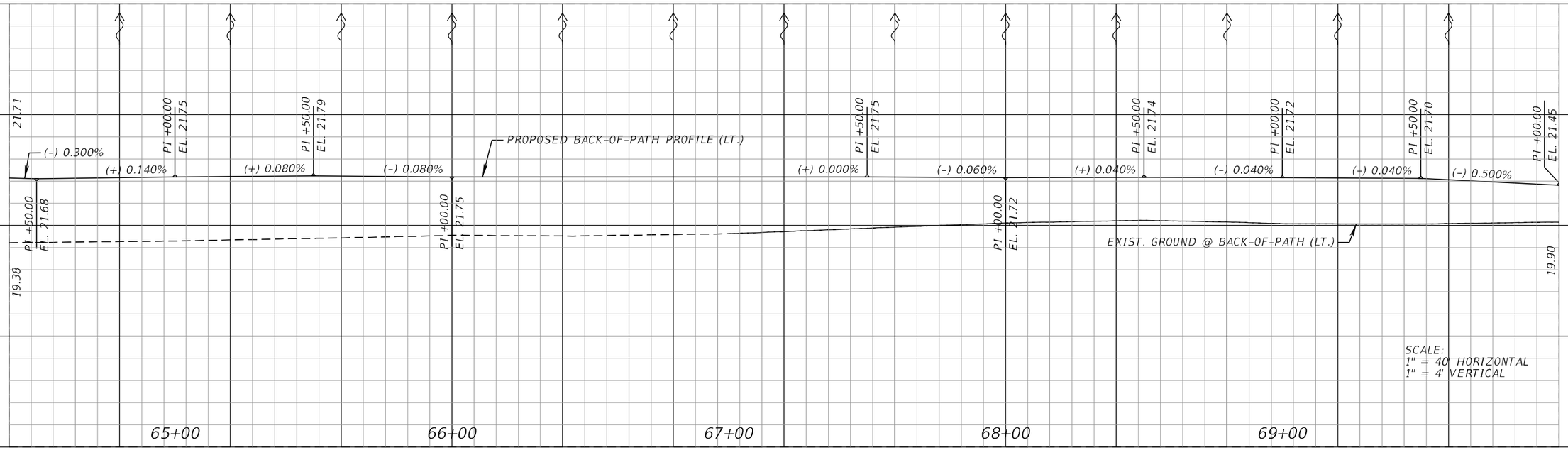
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (7)

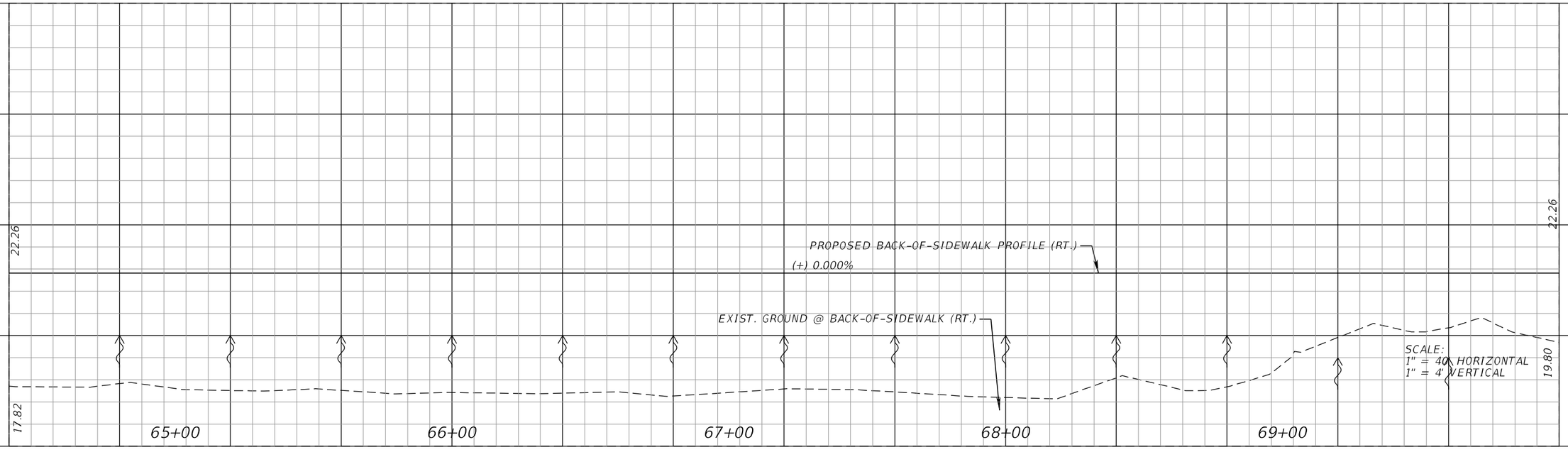
SHEET NO. 58

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

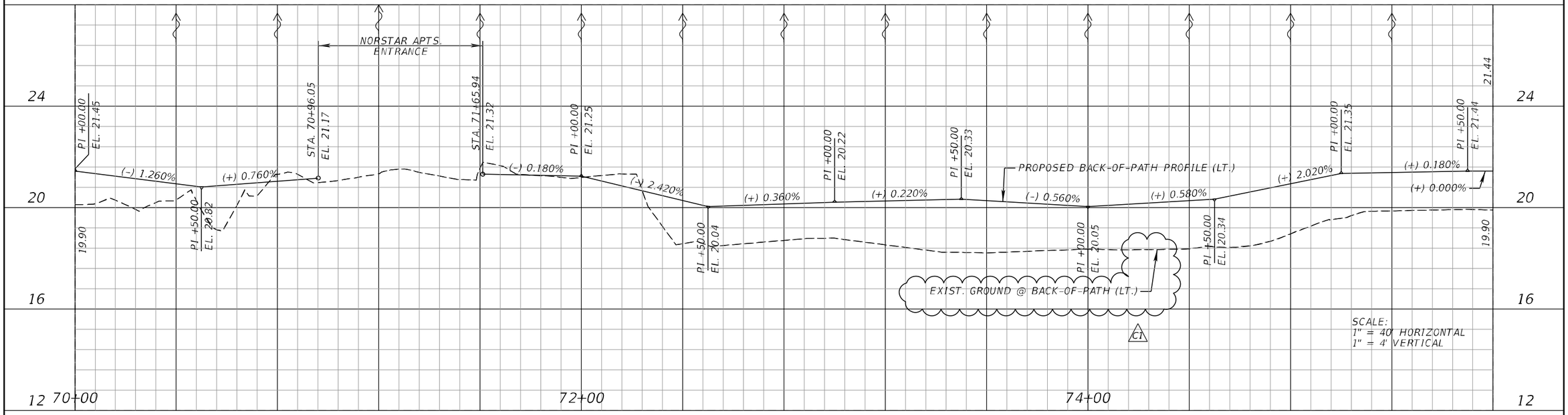
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (8)

SHEET NO. 59

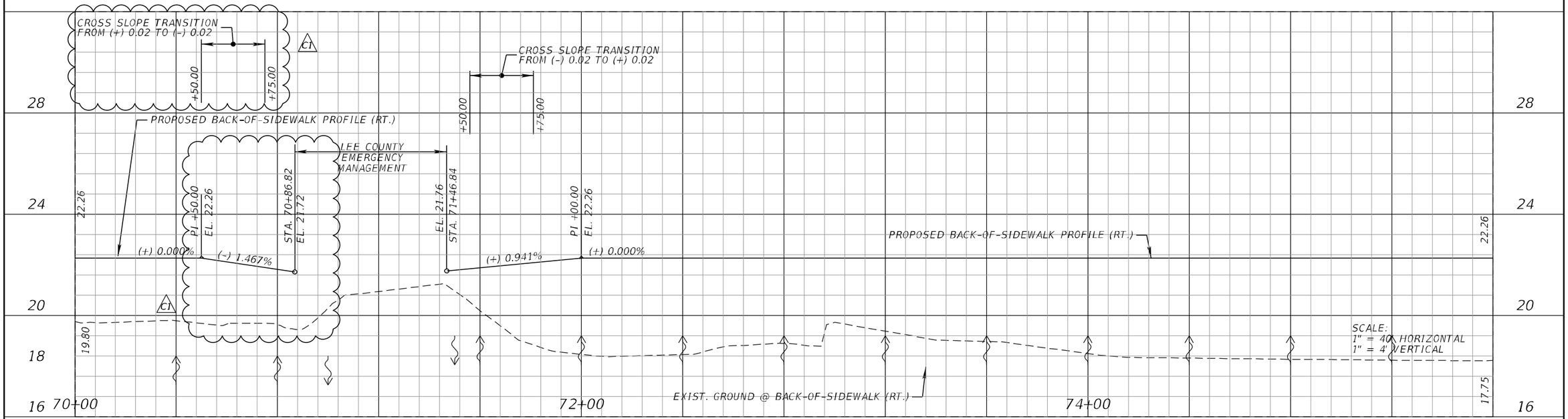
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BACK-OF-PATH PROFILE LEFT



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BACK-OF-SIDEWALK PROFILE RIGHT



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 BACK OF SWK. PROFILE & LABEL UPDATE		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

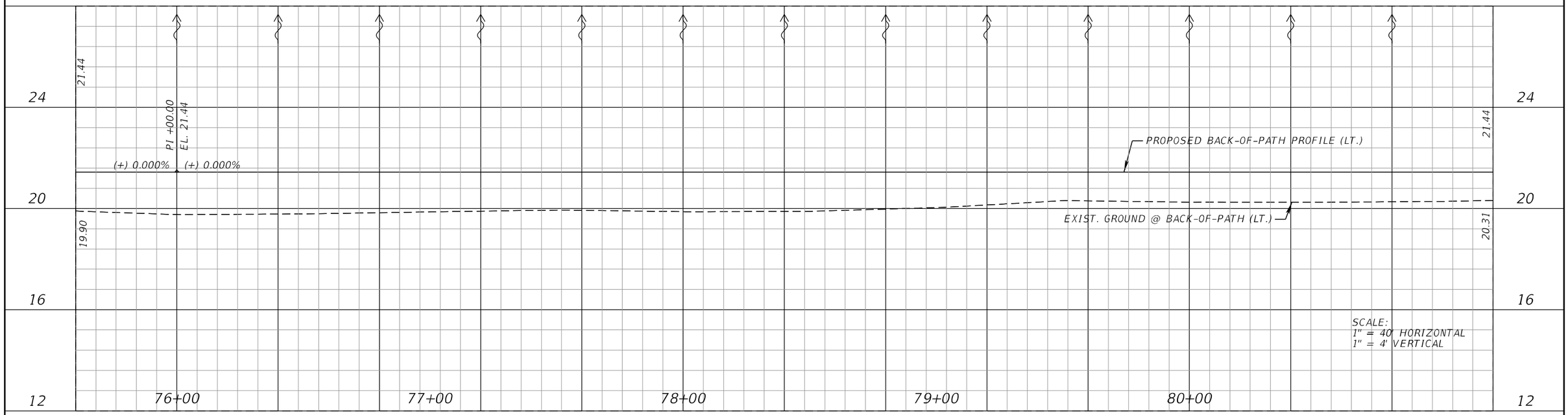
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (9)

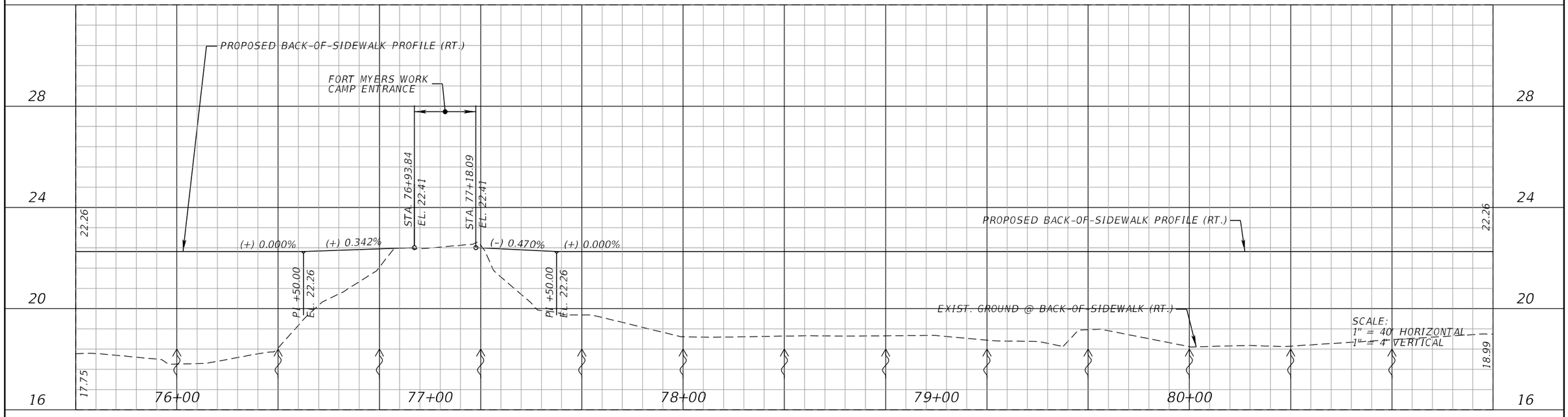
SHEET NO. 60

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

BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

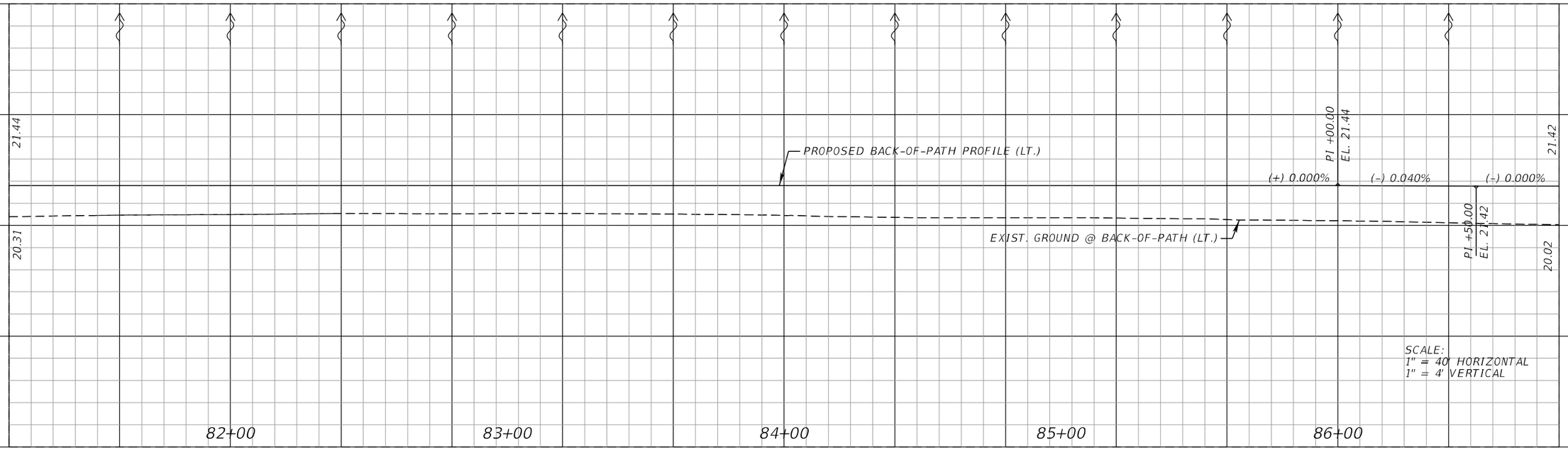
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (10)

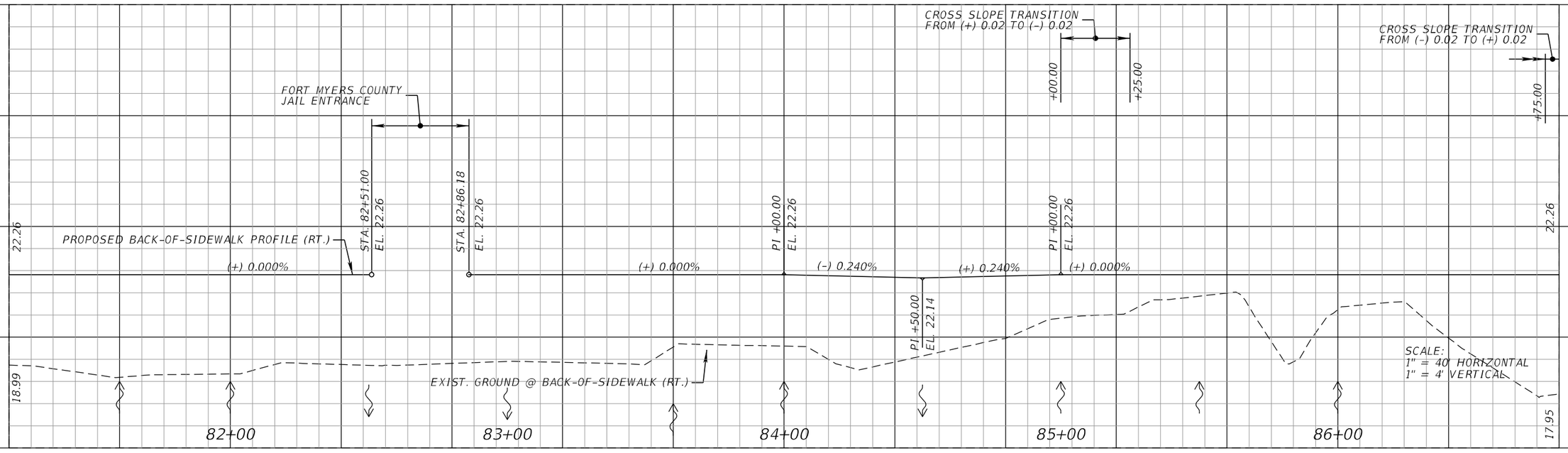
SHEET NO. 61

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

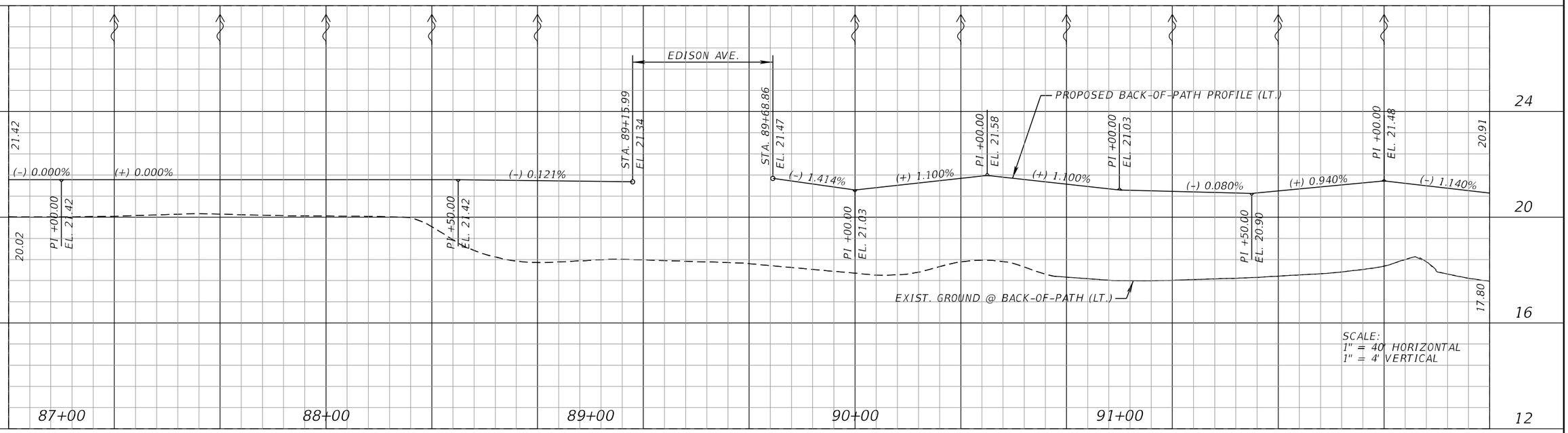
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (11)

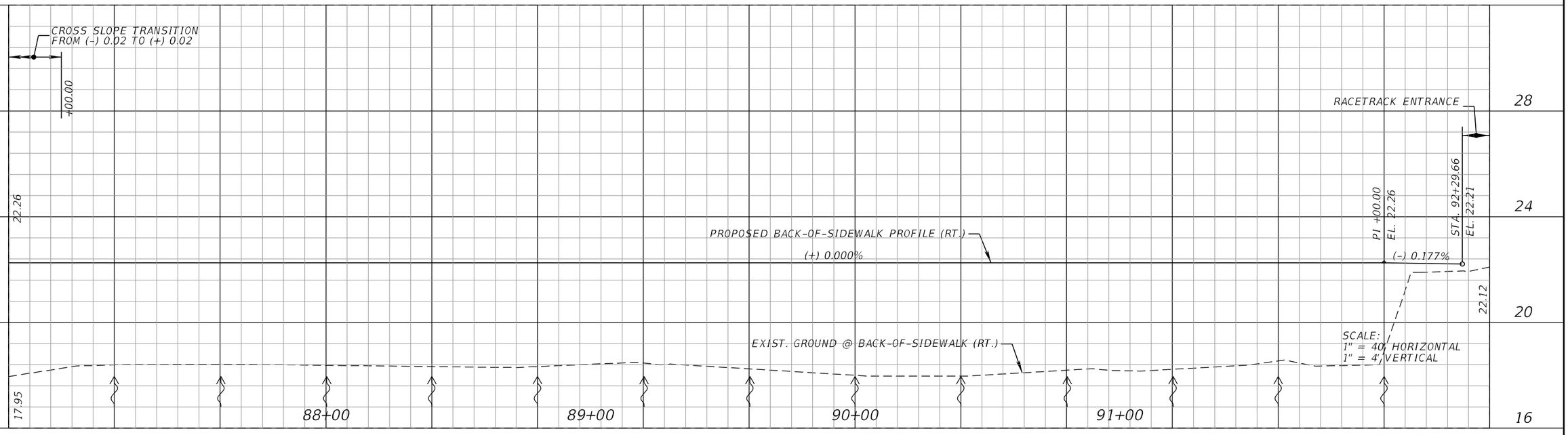
SHEET NO. 62

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

BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

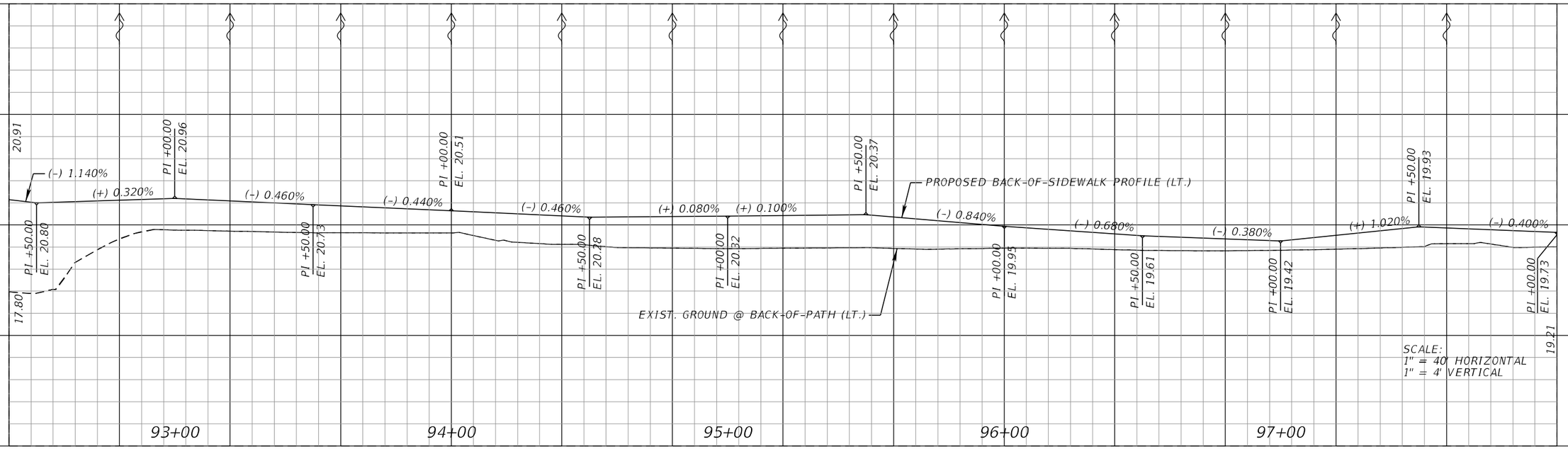
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (12)

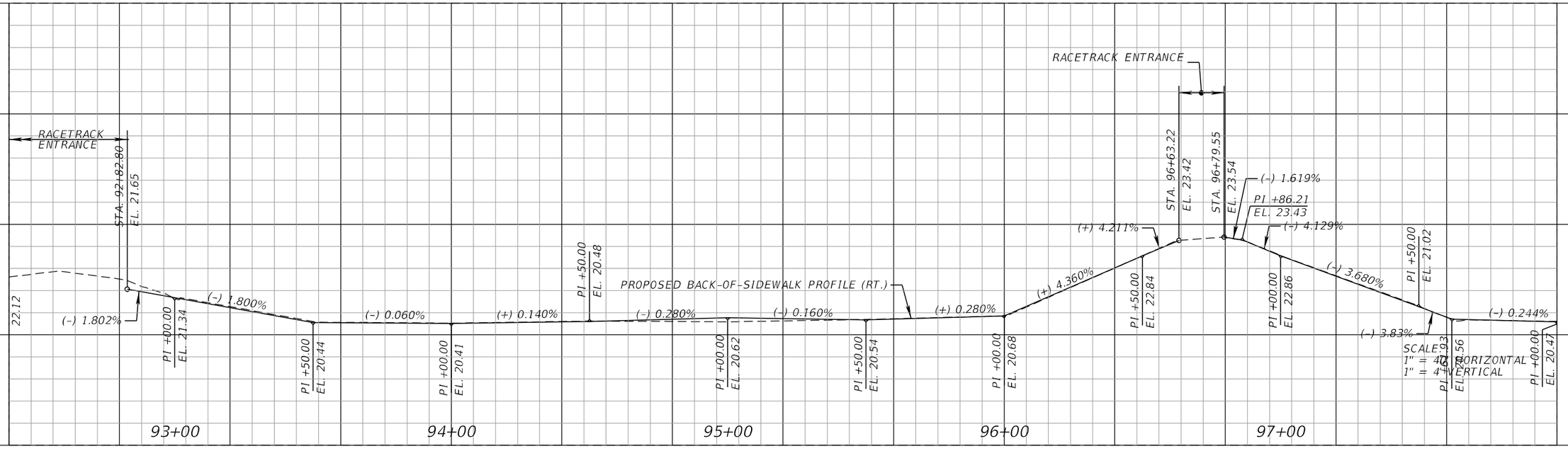
SHEET NO. 63

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BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

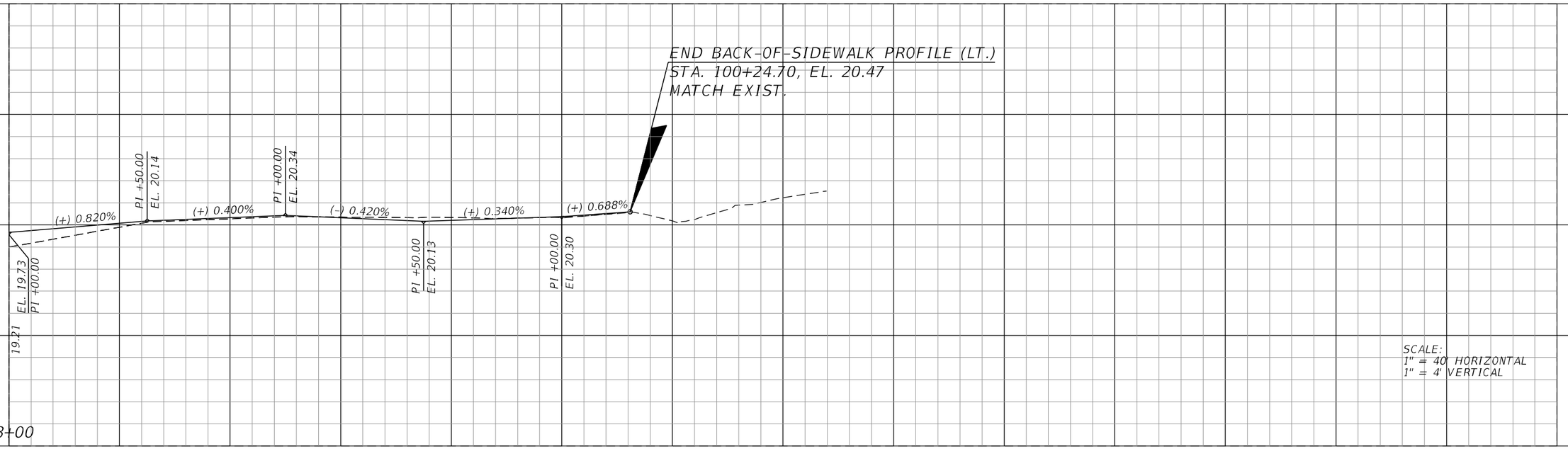
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (13)

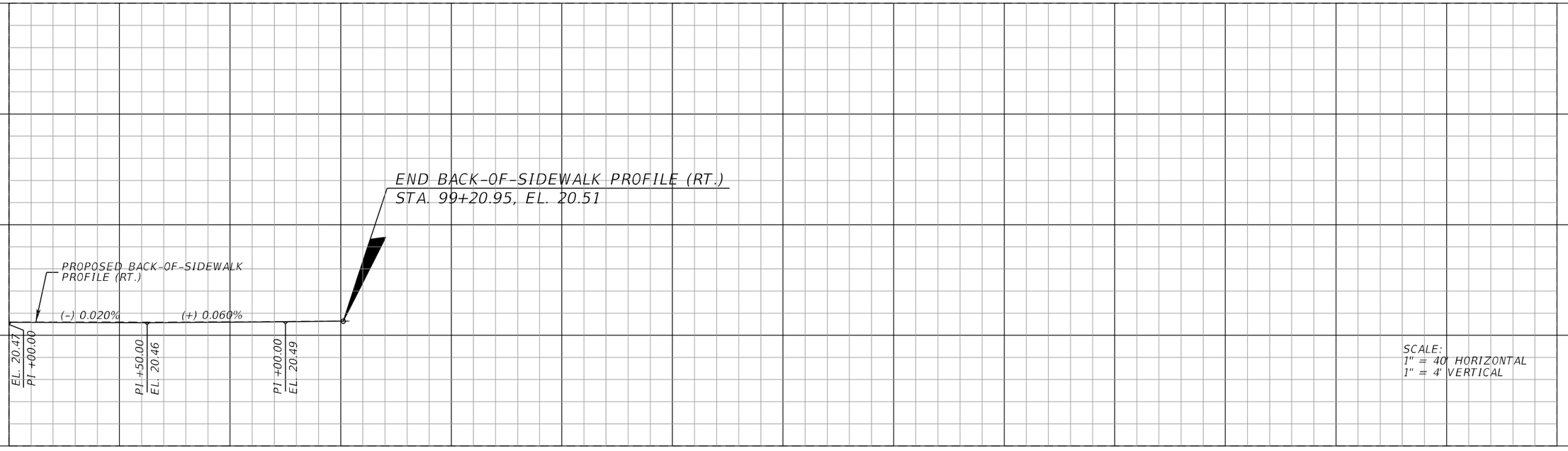
SHEET NO. 64

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

BACK-OF-PATH PROFILE LEFT



BACK-OF-SIDEWALK PROFILE RIGHT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

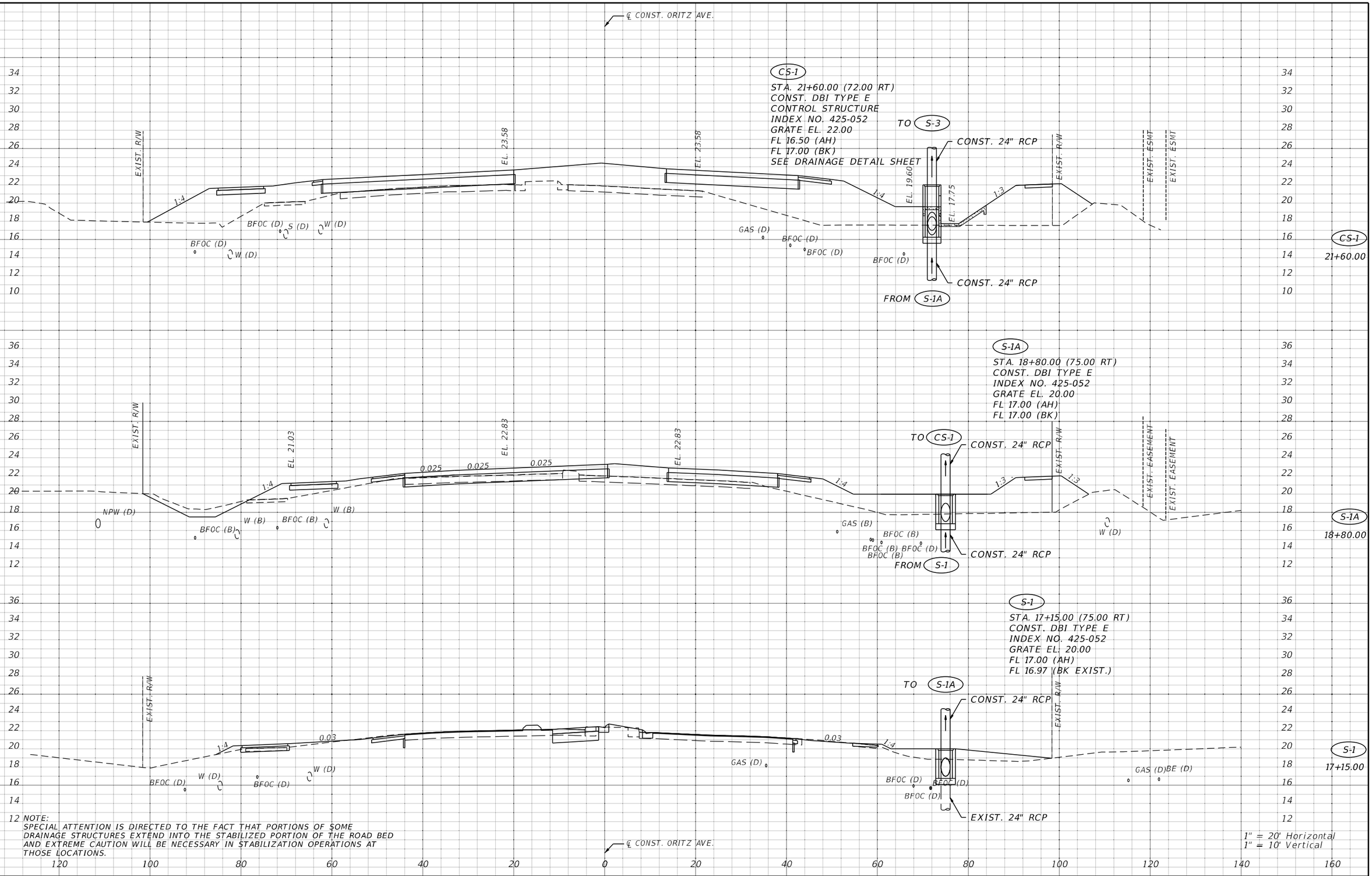
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

BACK-OF-SIDEWALK PROFILE (14)

SHEET NO. 65

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

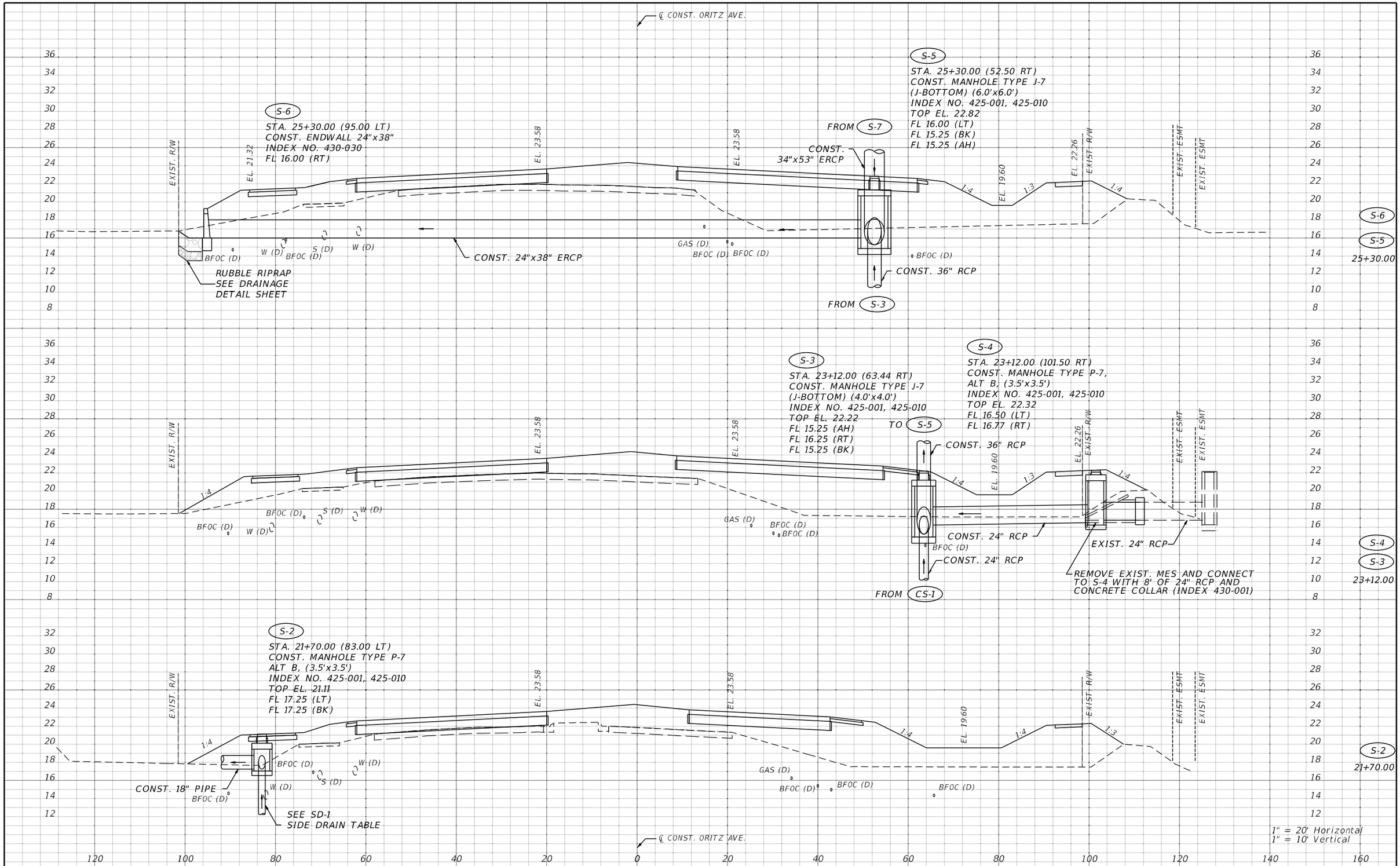
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (1)

SHEET NO. 66

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Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

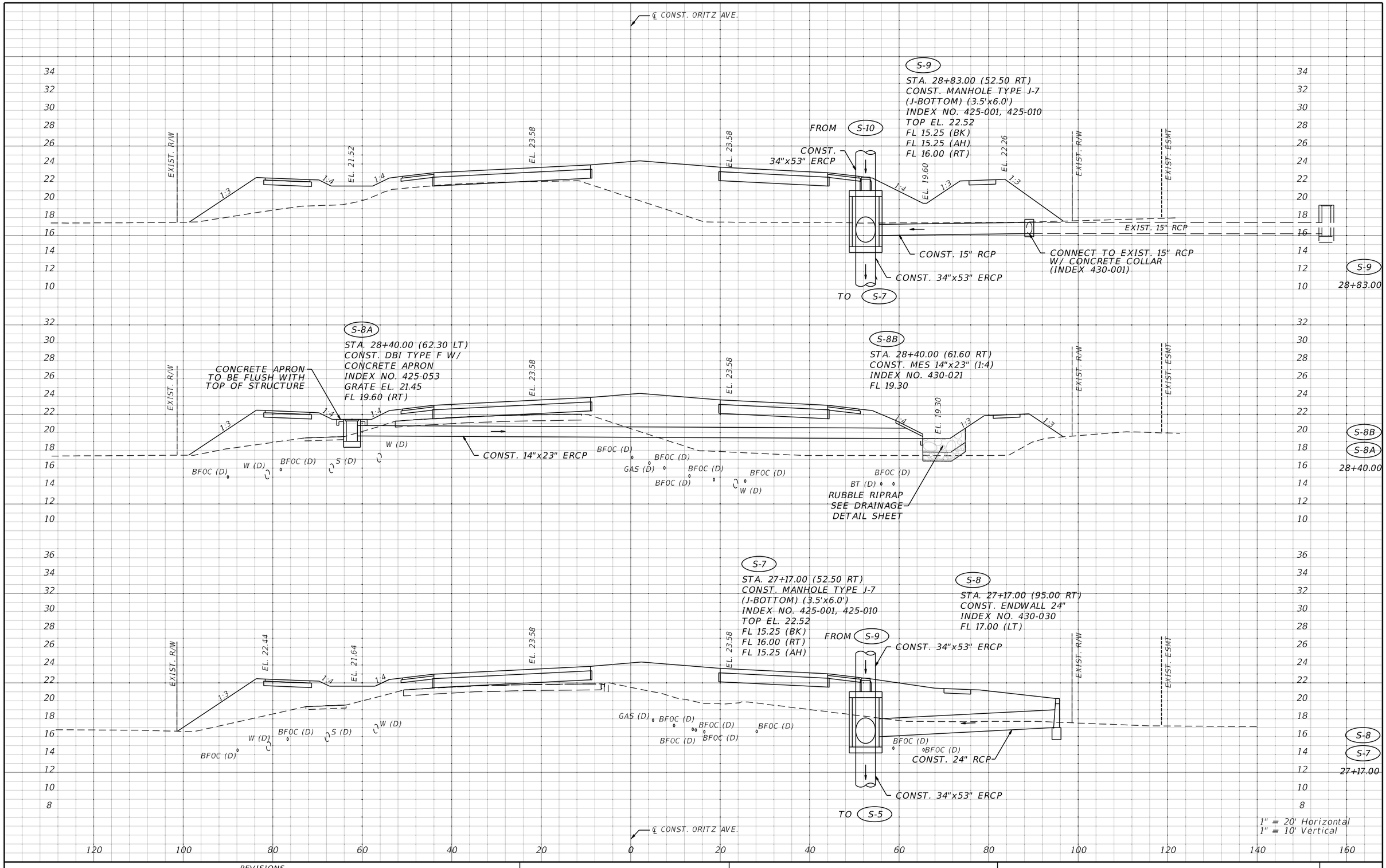
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (2)

SHEET NO. 67

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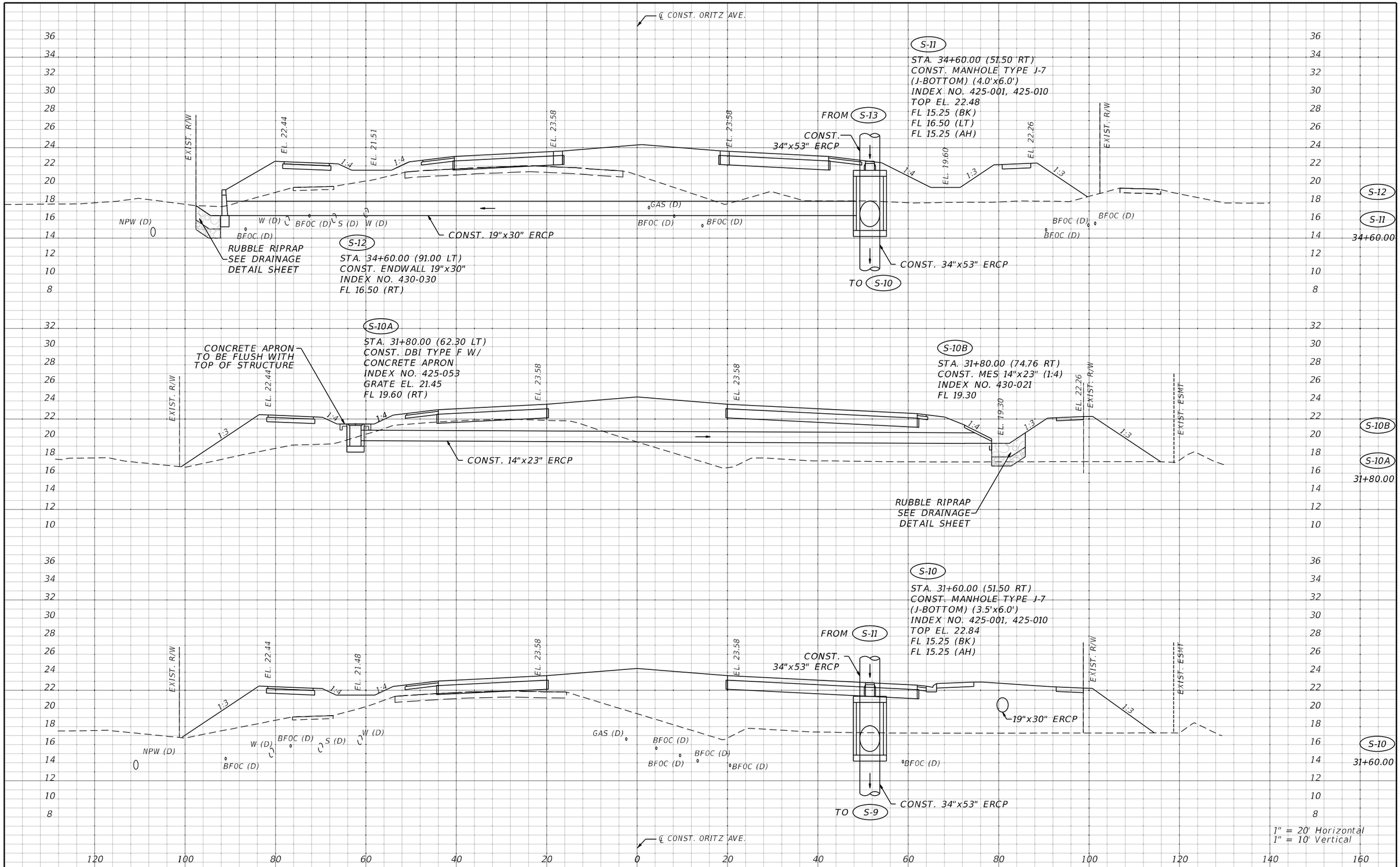
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (3)

SHEET NO. 68

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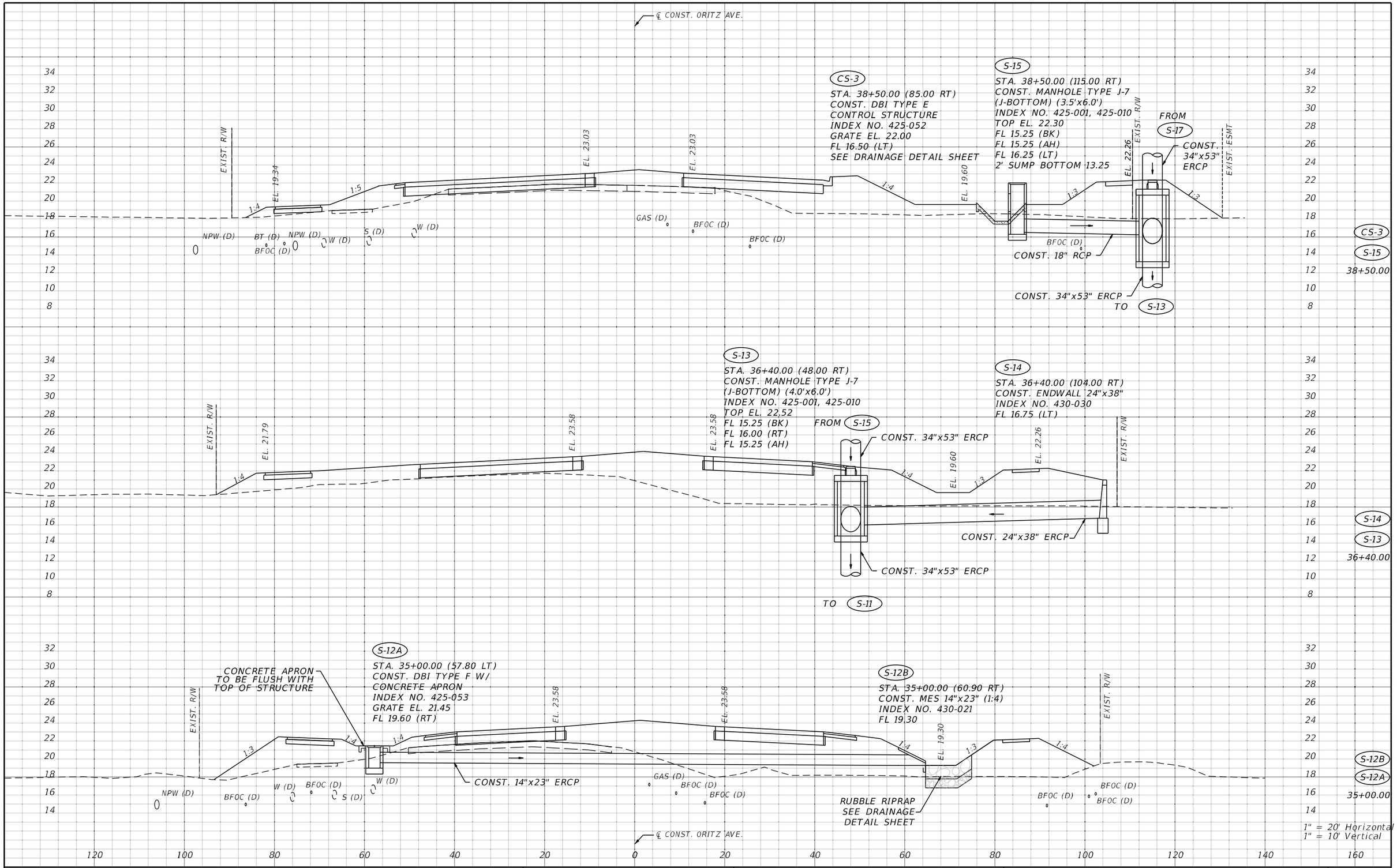
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (4)

SHEET NO. 69

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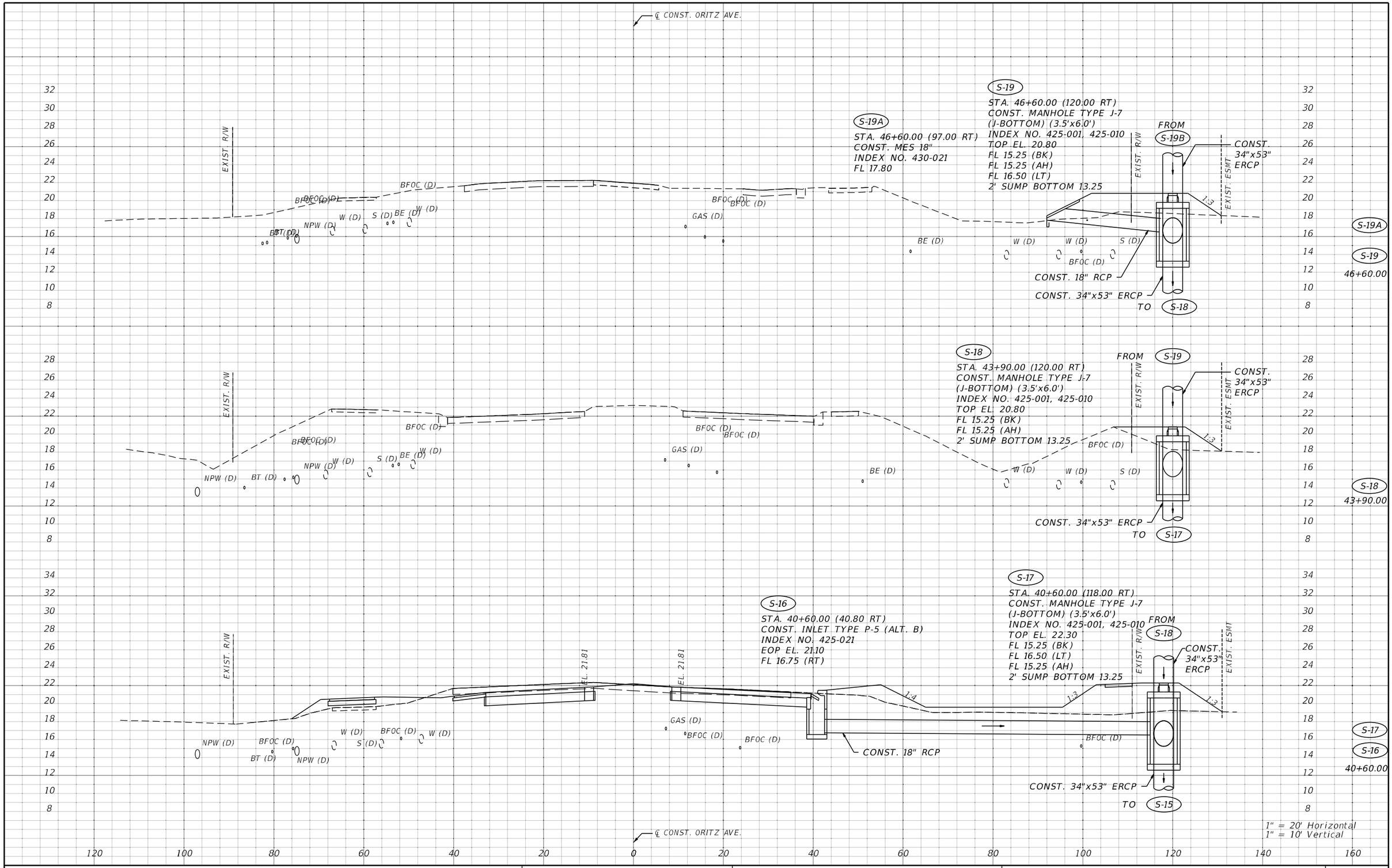
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (5)

SHEET NO. 70

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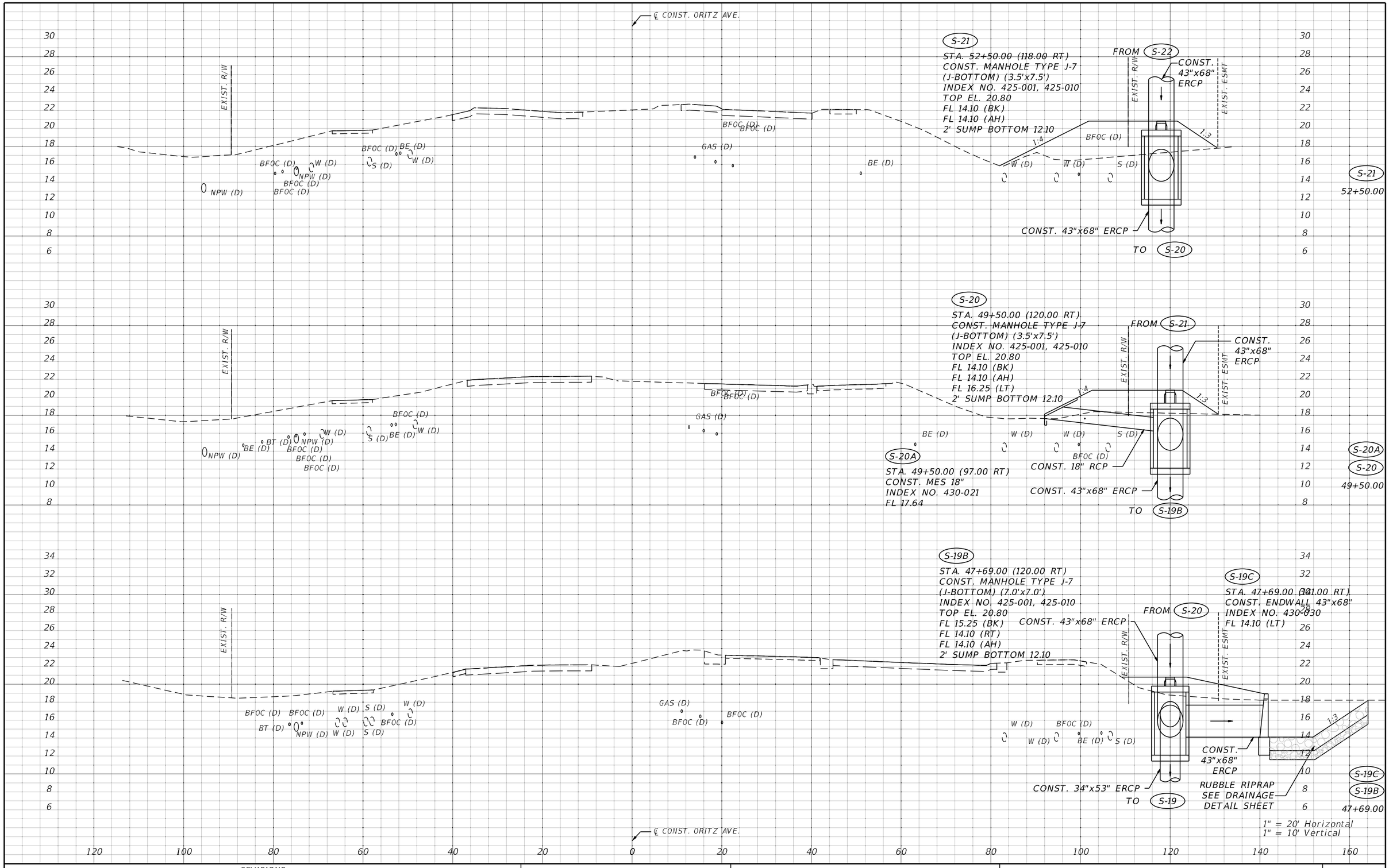
LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (6)

SHEET NO. 71

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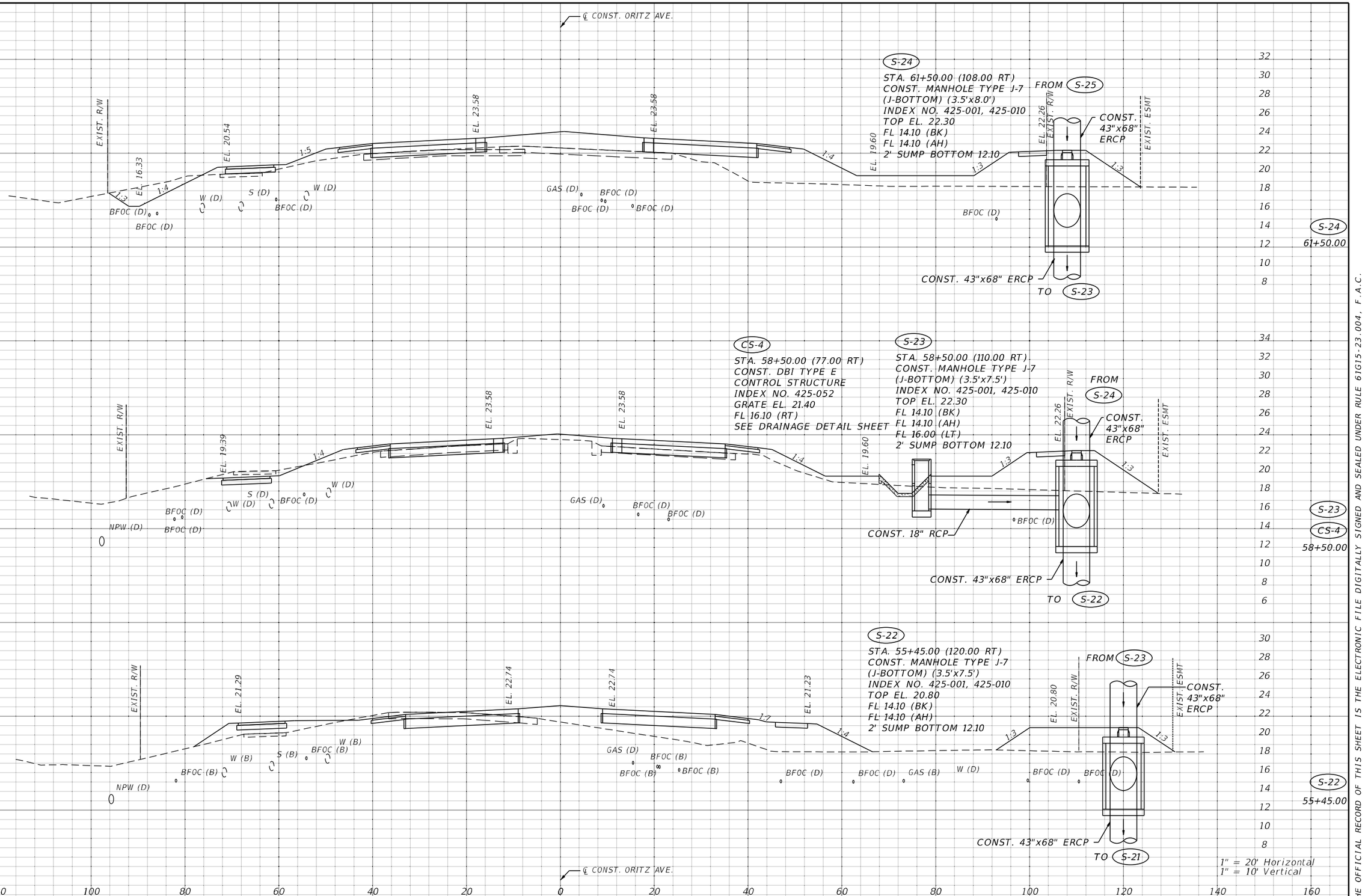
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ROAD	COUNTY	CONTRACT NO.
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DRAINAGE STRUCTURES (7)

SHEET NO. 72

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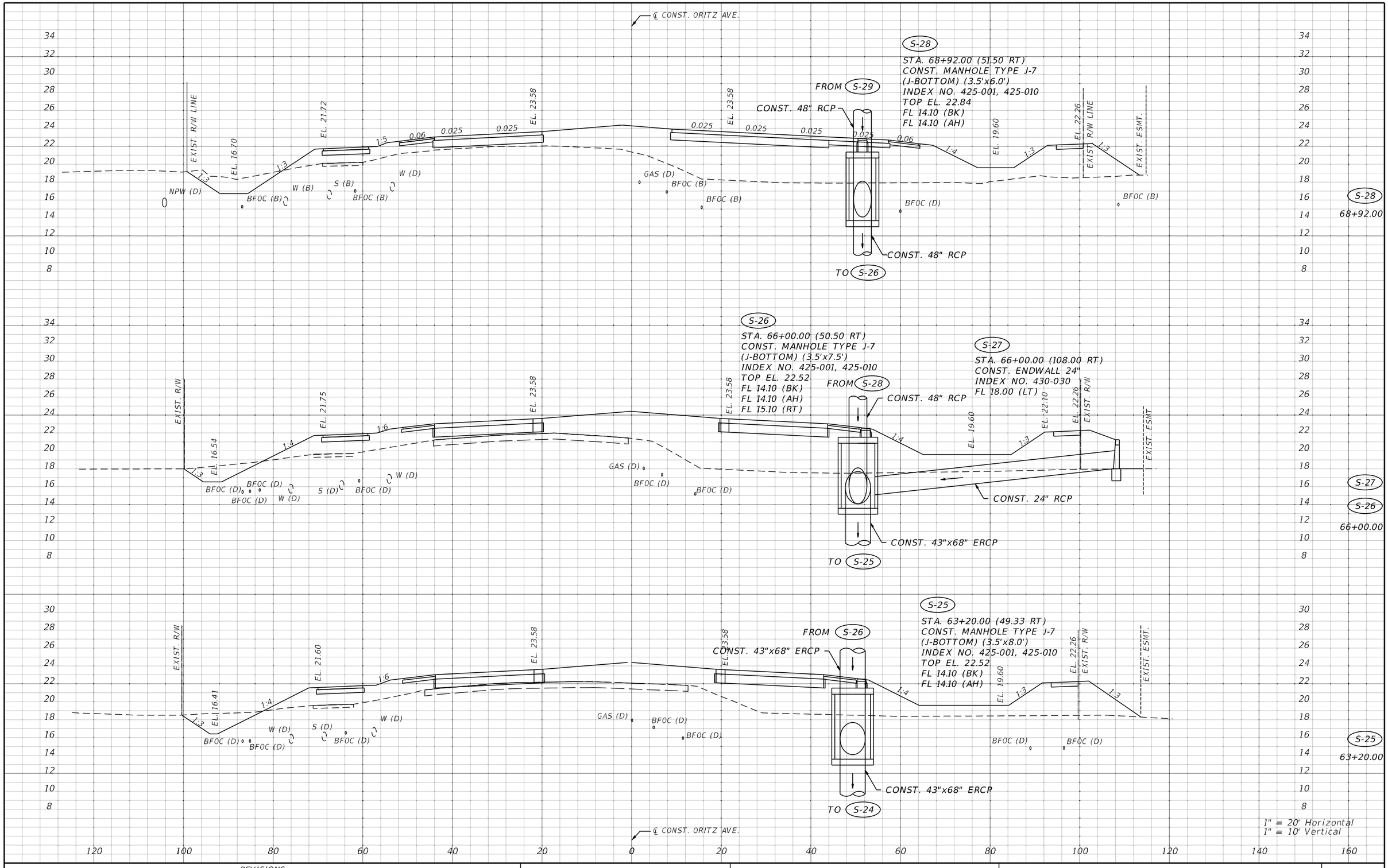
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (8)

SHEET NO. 73

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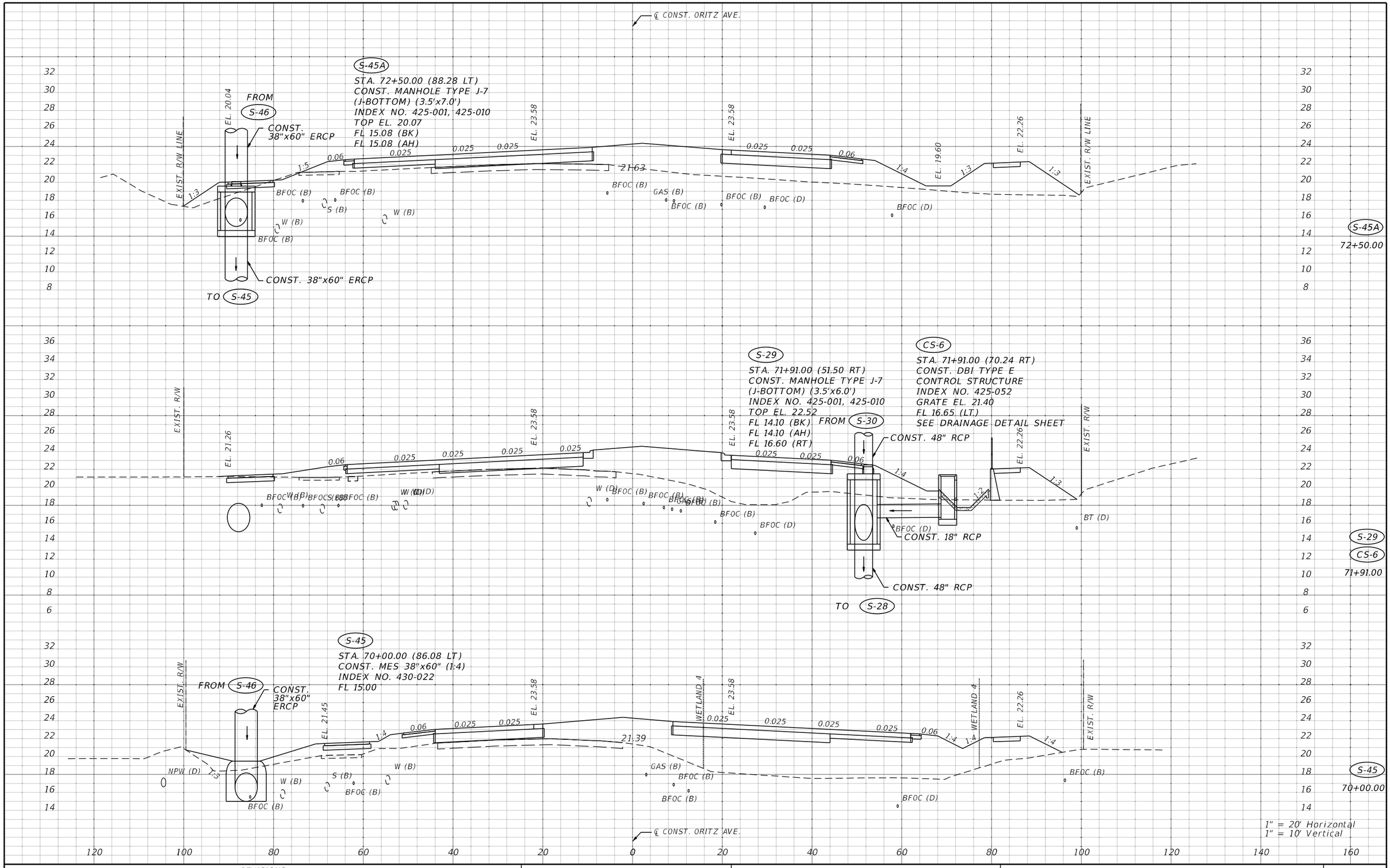
LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (9)

SHEET NO. 74

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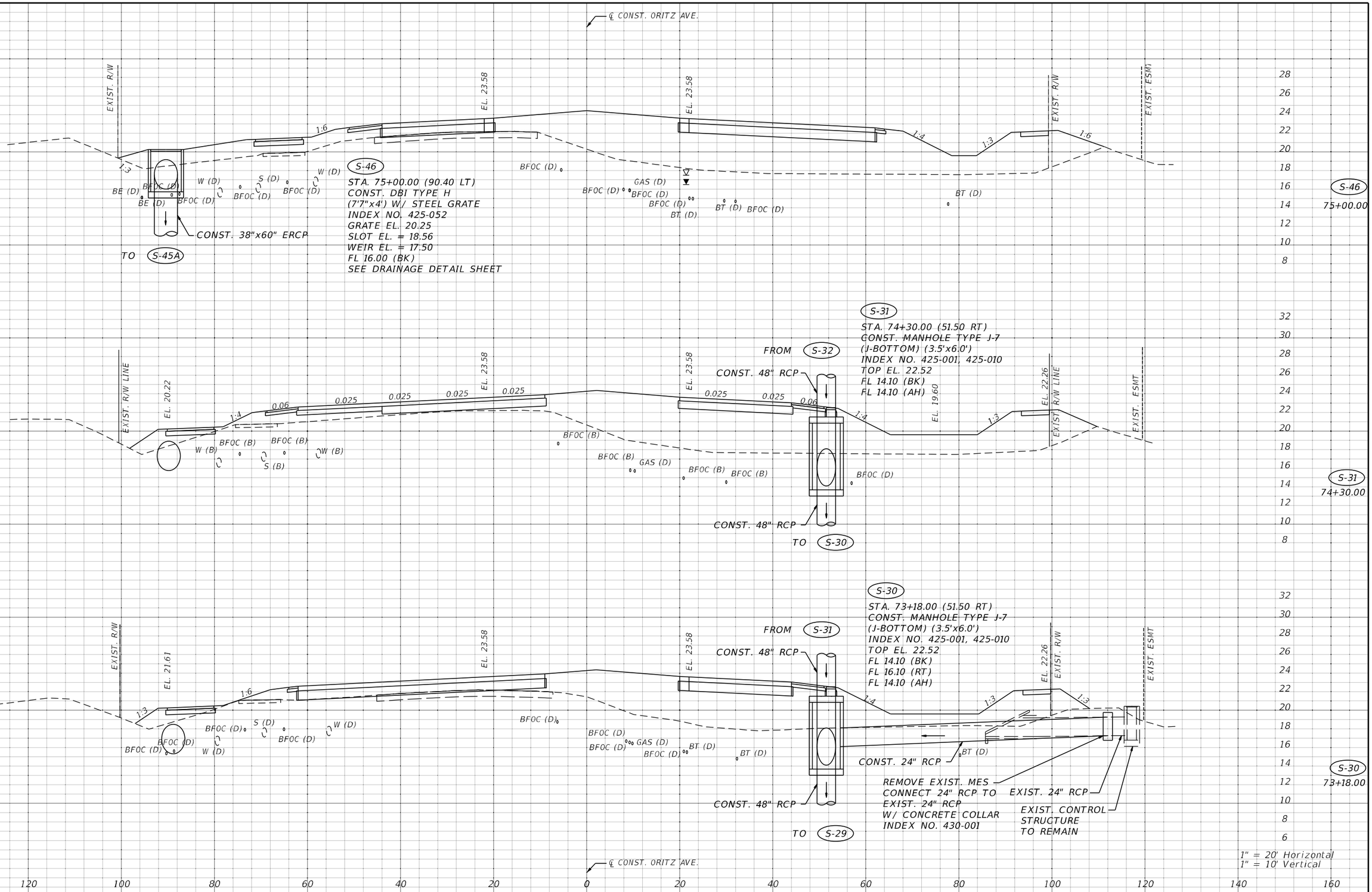
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (10)

SHEET NO. 75

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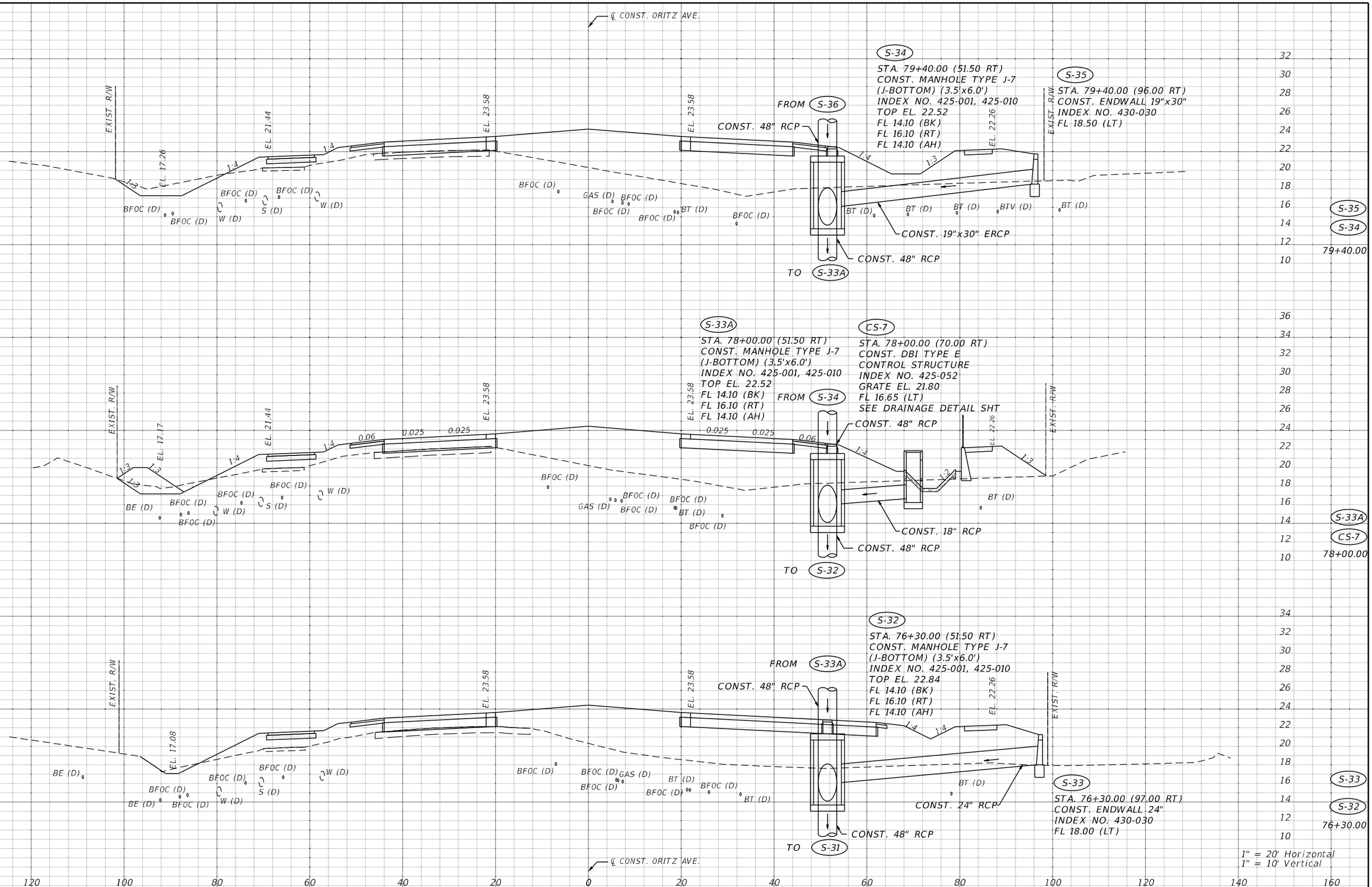
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (11)

SHEET NO. 76

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DRAINAGE STRUCTURES (12)

SHEET NO. 77

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℄ CONST. ORITZ AVE.

EXIST. R/W LINE
EL. 17.64
EL. 21.44
EL. 23.58
1:3
1:4
0.06
0.025
0.025
0.025
22.12
BFOC (B)
W (B)
S (B)
GAS (B)

S-40A
STA. 85+50.00 (51.50 RT)
CONST. MANHOLE TYPE J-7
(J-BOTTOM) (3.5'x5.0')
INDEX NO. 425-001, 425-010
TOP EL. 22.52
FL 14.60 (BK)
FL 14.60 (AH)

FROM S-41
CONST. 42" RCP
EL. 19.60
EL. 22.26
EXIST. R/W LINE
BFOC (D)
CONST. 42" RCP
TO S-38

S-39
STA. 83+38.00 (85.40 LT)
CONST. MES 15" (1:4)
INDEX NO. 430-021
FL 17.00 (RT)

EXIST. R/W
1:3
BFOC (D)
W (D)
S (D)
CONST. 15" RCP
RUBBLE RIPRAP
SEE DRAINAGE
DETAIL SHEET

S-38
STA. 83+38.00 (51.50 RT)
CONST. MANHOLE TYPE J-7
(J-BOTTOM) (3.5'x5.0')
INDEX NO. 425-001, 425-010
TOP EL. 22.52
FL 14.60 (BK)
FL 17.00 (LT)
FL 17.00 (RT)
FL 14.60 (AH)

S-40
STA. 83+38.00 (93.50 RT)
CONST. MES 12"x18" (1:4)
INDEX NO. 430-021
FL 20.00 (LT)

FROM S-40A
CONST. 42" RCP
1:6
EL. 22.26
EXIST. R/W
BT (D)
BTV (D)
CONST. 12"x18" ERCP
CONST. 42" RCP
TO S-36

S-37
STA. 80+40.00 (85.40 LT)
CONST. MES 15" (1:4)
INDEX NO. 430-021
FL 17.00 (RT)

EXIST. R/W
1:3
CONST. 15" RCP
RUBBLE RIPRAP
SEE DRAINAGE
DETAIL SHEET

S-36
STA. 80+40.00 (51.50 RT)
CONST. MANHOLE TYPE J-7
(J-BOTTOM) (3.5'x6.0')
INDEX NO. 425-001, 425-010
TOP EL. 22.84
FL 14.10 (BK)
FL 17.00 (LT)
FL 14.60 (AH)

FROM S-38
CONST. 42" RCP
1:4
1:3
CONST. 48" RCP
TO S-34

℄ CONST. ORITZ AVE.

S-40A
85+50.00
S-40
S-39
S-38
83+38.00
S-37
S-36
80+40.00

1" = 20' Horizontal
1" = 10' Vertical

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George R. Brinson, Jr., P.E. #47607

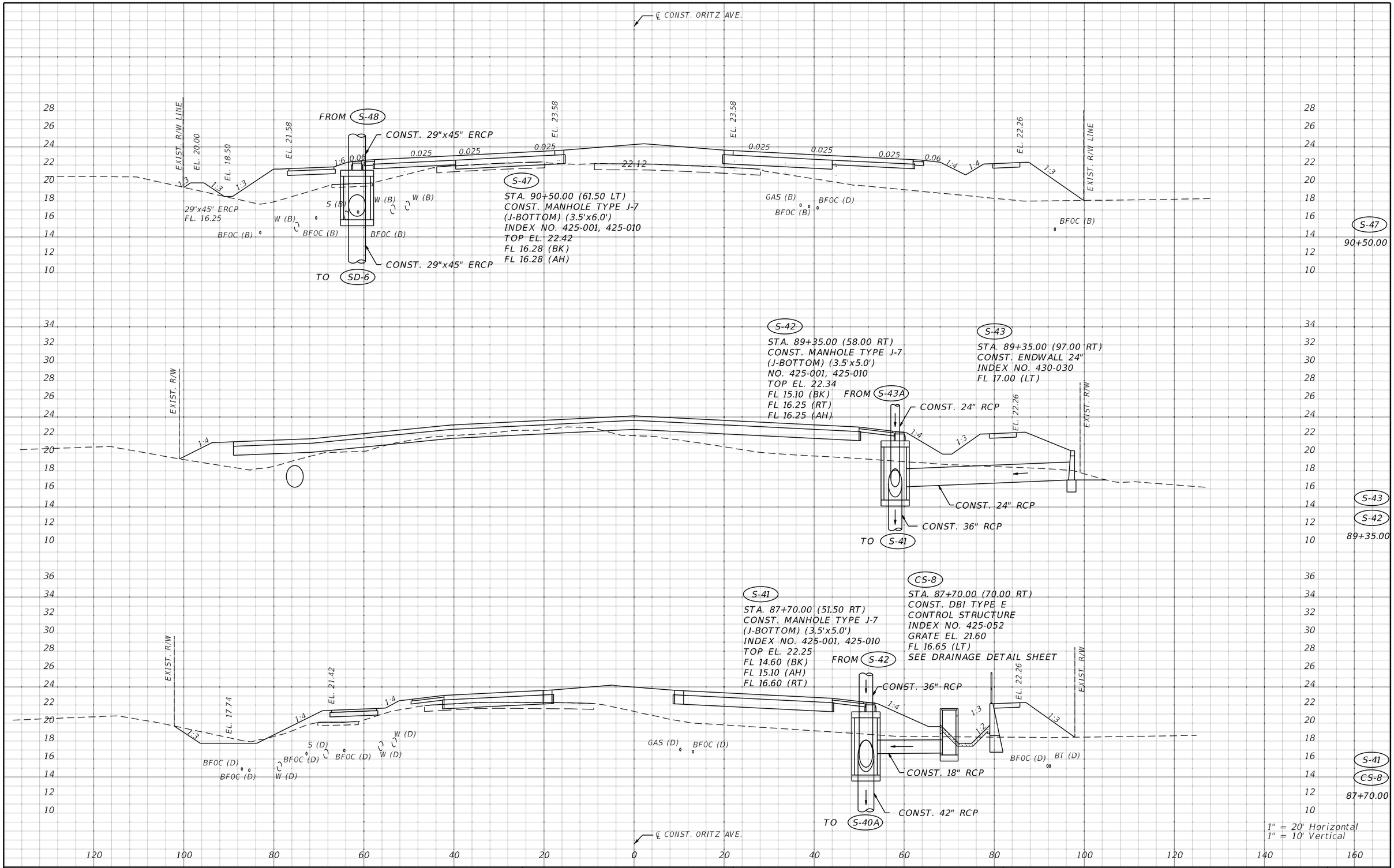
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (13)

SHEET NO. 78

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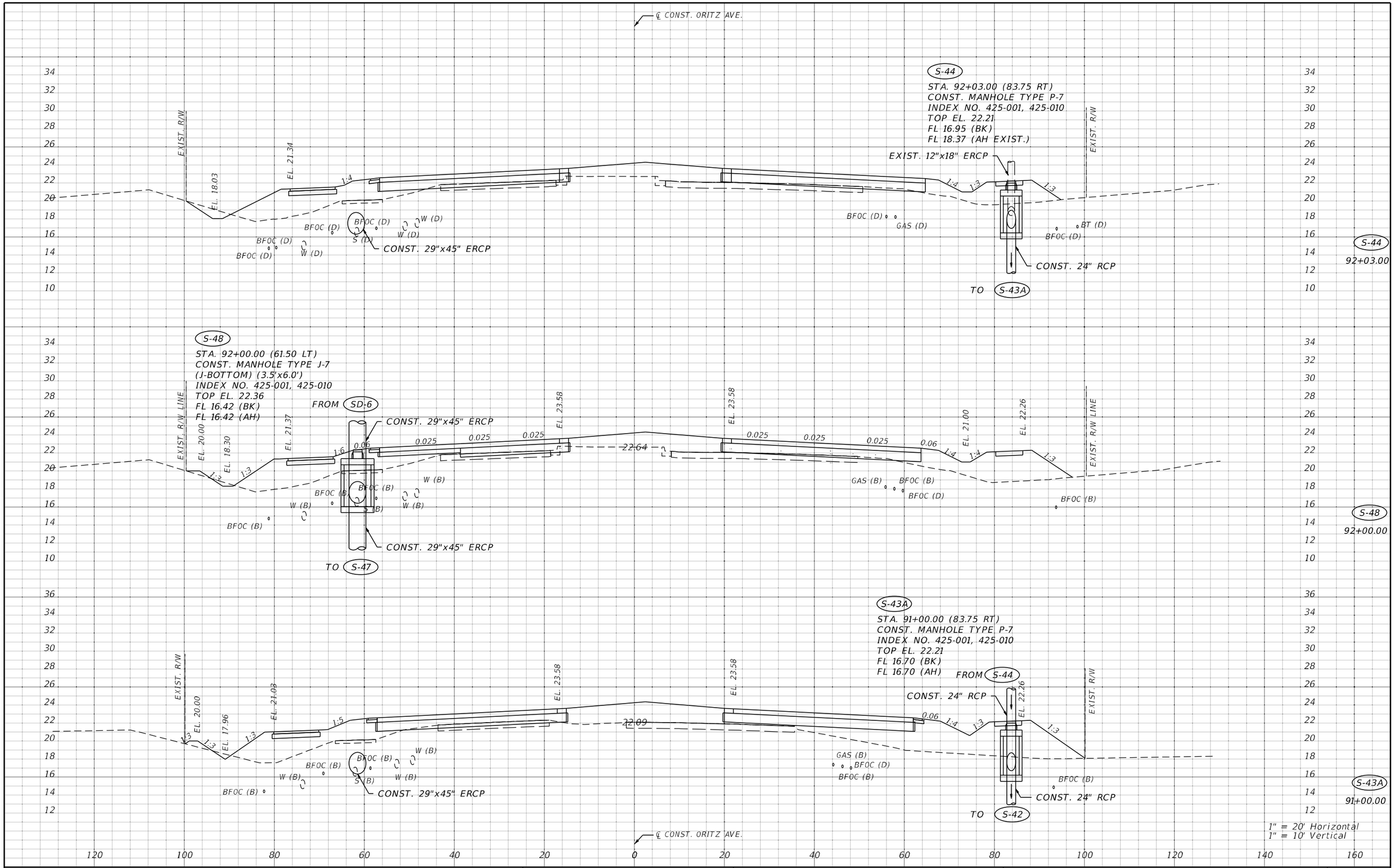
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ROAD	COUNTY	CONTRACT NO.
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DRAINAGE STRUCTURES (14)

SHEET NO. 79

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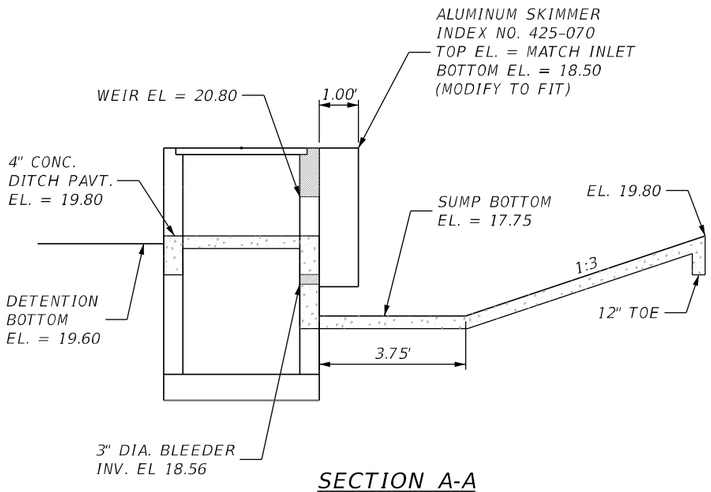
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE STRUCTURES (15)

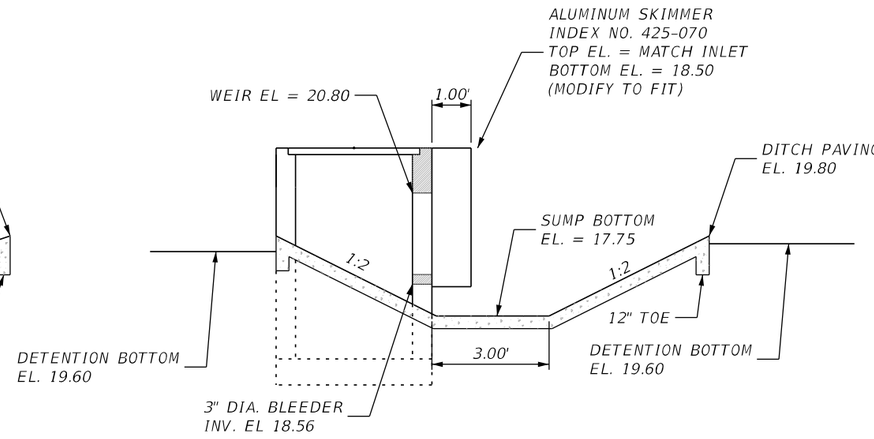
SHEET NO. 80

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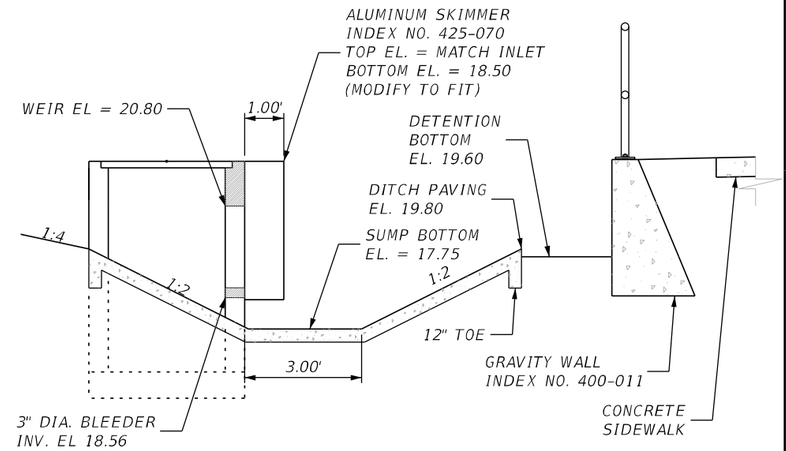


SECTION A-A



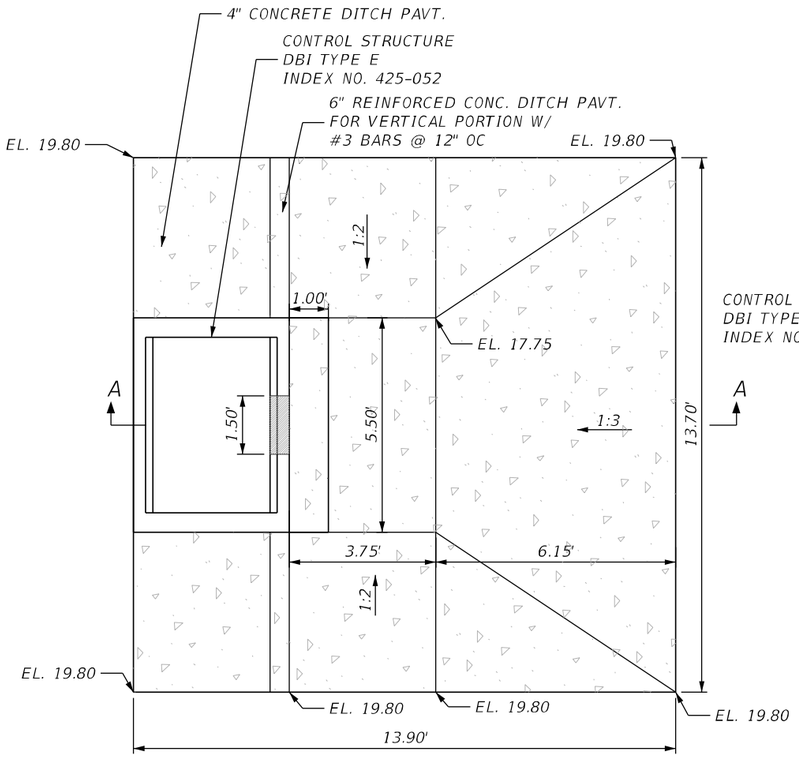
SECTION B-B

CS-3, CS-4



SECTION B-B WITH GRAVITY WALL

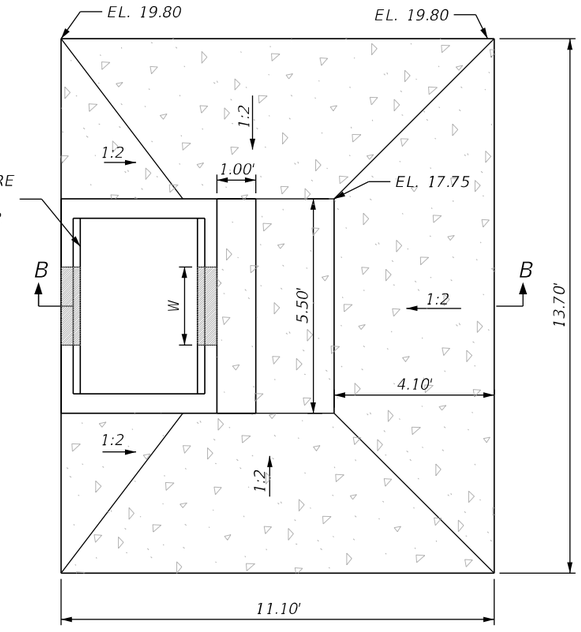
CS-6, CS-7, CS-8



PLAN

CONTROL STRUCTURE DETAIL CS-1

N.T.S.



PLAN

CONTROL STRUCTURE DETAIL

N.T.S.

CONTROL STRUCTURES

CONTROL STRUCTURE NO.	TOP ELEV	WEIR ELEV	WEIR WIDTH (FT)	3" BLEEDER INVERT	OUTFALL PIPE SIZE (IN)	OUTFALL PIPE INVERT
CS-1	22.00	20.80	1 at 1.50	18.56	24	16.5
CS-3	22.00	20.80	2 at 3.00	18.56	18	16.5
CS-4	21.40	20.80	1 at 1.00	18.56	18	16.1
CS-6	21.40	20.80	1 at 2.00	18.56	18	16.65
CS-7	21.80	20.80	1 at 2.75	18.56	18	16.65
CS-8	21.60	20.80	1 at 2.75	18.56	18	16.65

NOTE:
1. WEIR WIDTH PER TABLE
2. CS-3 SHALL HAVE TWO (2) 3.0 WIDE WEIRS AT ELEV. 20.80

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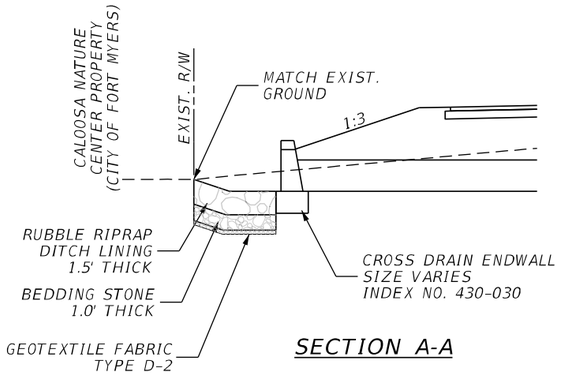
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Fort Myers, FL 33901
Ph. 239-337-3330
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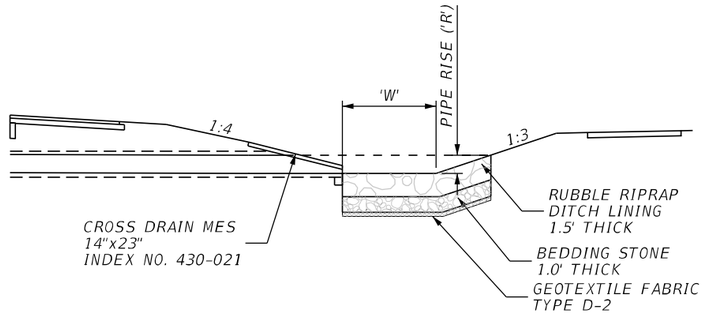
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE DETAILS

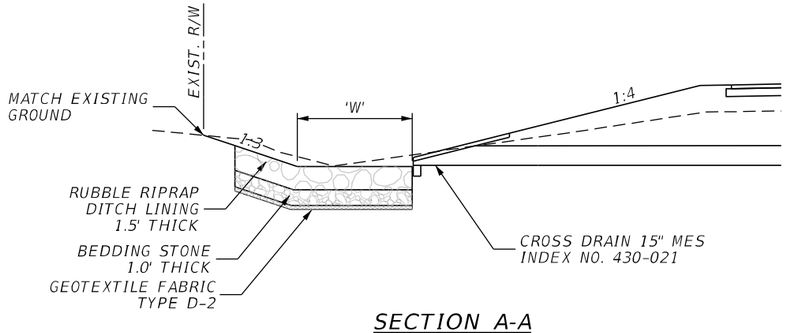
SHEET NO. 81



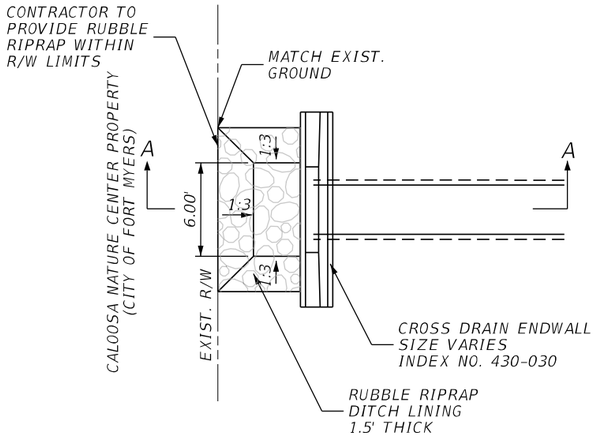
SECTION A-A



SECTION A-A

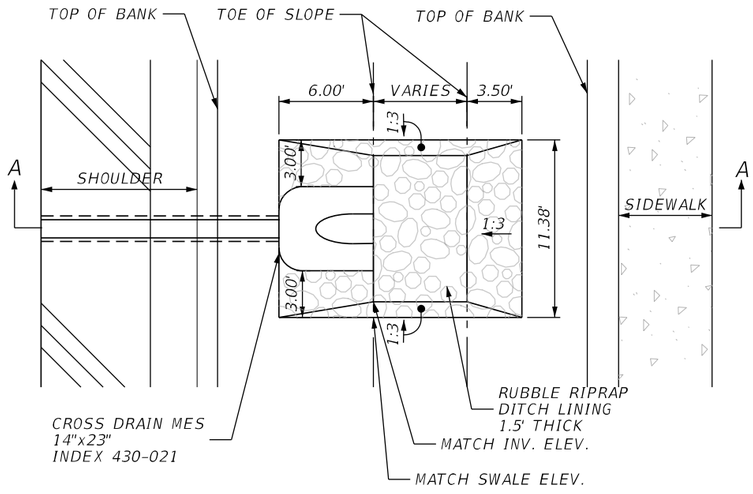


SECTION A-A



PLAN

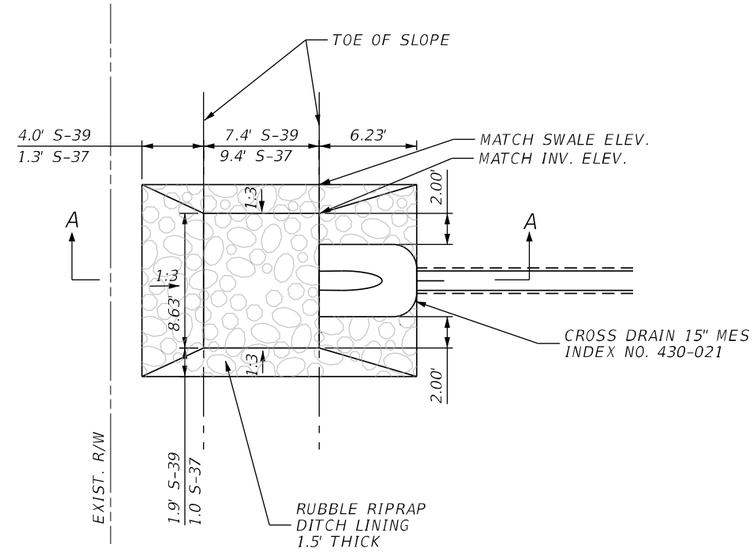
CROSS DRAIN RIPRAP DETAIL
ENDWALLS S-6 & S-12
N.T.S.



PLAN

CROSS DRAIN RIPRAP DETAIL
MES S-8B, S-10B, S-12B
N.T.S.

NOTE:
S-8B, S-10B, & S-12B 0.3' SUMP FROM POND BOTTOM



PLAN

CROSS DRAIN RIPRAP DETAIL
MES S-37 & S-39
N.T.S.

NOTE:
S-37 0.31 SUMP FROM SWALE BOTTOM
S-39 0.61 SUMP FROM SWALE BOTTOM

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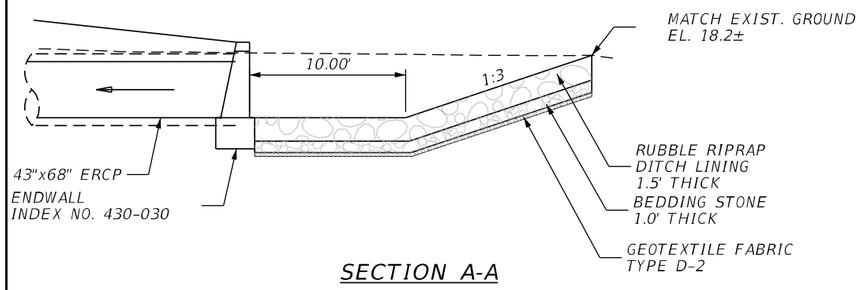
Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

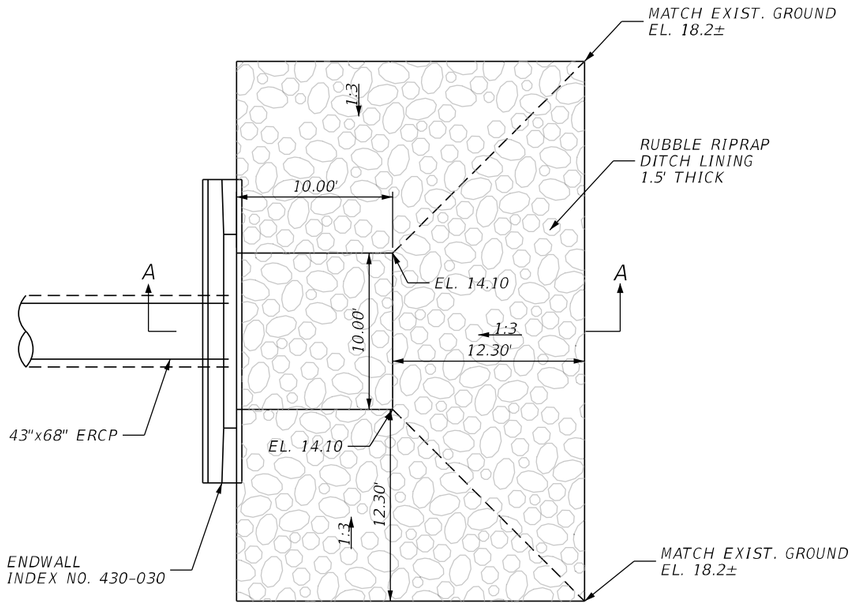
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE DETAILS

SHEET NO. 82



SECTION A-A

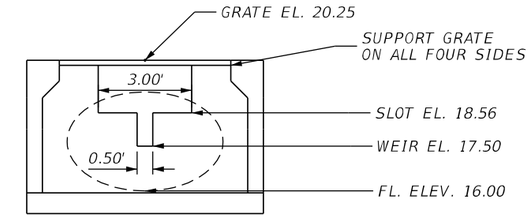


STRUCTURE S-19C RIPRAP DETAIL

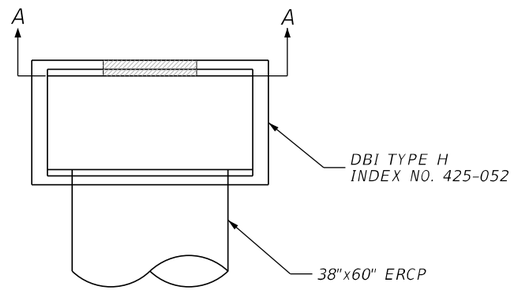
N.T.S.

DRAINAGE NOTES:

1. ALL DRAINAGE STRUCTURES WITH GRATES WILL REQUIRE SUPPORT ON ALL FOUR SIDES OF THE STRUCTURE
2. CONCRETE COLLARS SHOWN IN THE PLANS ARE CONSIDERED INCIDENTAL TO THE PROPOSED PIPE AND NO SEPARATE PAYMENT WILL BE MADE.



SECTION A-A



PLAN

STRUCTURE S-46

N.T.S.

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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRAINAGE DETAILS

SHEET NO. 83

FIGURE 4

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

KCA PROJECT NO. 1201814.00
PROJECT NAME: DESIGN OF ORTIZ AVENUE WIDENING SR 884 TO SR 82
CROSS SECTION OF SOIL SURVEY

DATE OF SURVEY: FEBRUARY 2020
SURVEY MADE BY: SKEWIS, CENTENO, LOCKLEY
SUBMITTED BY: IVAN F. SOKOLIC, P.E.

DISTRICT: ONE
ROAD: ORTIZ AVENUE
COUNTY: LEE

SURVEY BEGINS STA. : 22+00 SURVEY ENDS STA. : 94+00

	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENTAGE PASSING						ATTERBERG LIMITS (%)			SOIL CLASSIFICATION		CORROSION TEST RESULTS				
STRATUM NO.	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTICITY INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohms cm	CHLORIDE ppm	SULFATES ppm	pH
1	2	2–3	5	17–34	5	97–100	90–93	70–75	34–41	1–8	--	--	--	A–3	LIGHT BROWN TO BROWN, LIGHT GRAY TO GRAY, AND YELLOWISH BROWN FINE SAND TO FINE SAND WITH SILT	5	8,580–24,880	15–60	BDL–141	6.17–8.40
2	--	--	5	18–23	5	100	93–95	76–80	42–49	12–16	5	NP–23	NP–9	A–2–4	BROWN TO GRAY FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND	--	--	--	--	--
3	2	12–13	2	49–61	2	95–98	85	60–69	29–41	3–8	--	--	--	A–8	DARK BROWN ORGANIC FINE SAND TO FINE SAND WITH SILT	--	--	--	--	--
4	--	--	2	21–22	2	79–83	63–66	50–52	28	2–3	--	--	--	A–3	LIGHT BROWN FINE SAND TO FIND SAND WITH SILT, TRACE TO SOME GRAVEL (SHELL FRAGMENTS)	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIMESTONE (ROCK), POSSIBLE BOULDER	--	--	--	--	--

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE, MAKE FINAL CHECK AFTER GRADING

1. SOIL BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTING LINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2–4 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. FOR FURTHER DETAILS SEE SECTION 120–3.
2. WATER TABLE SHOWN AS ▼ WHERE ENCOUNTERED AT TIME OF SURVEY. GNE DENOTES GROUNDWATER NOT ENCOUNTERED. ESTIMATED SEASONAL HIGH GROUNDWATER LEVELS SHOWN AS ▽ . ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING SHOWN AS "*".
3. SOIL PARAMETER NOT TESTED DENOTED AS "--" ABOVE.
4. REMOVAL OF MUCK OCCURRING WITHIN THE ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH STANDARD PLANS INDEX NO. 120–002. UNLESS OTHERWISE SHOWN ON THE PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX NO. 120–001 FOR FDOT STANDARDS.
5. STRATA NO. 1, 2 AND 4 SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH FDOT STANDARD PLAN INDICES 120–002 AND 120–001.
6. STRATUM NO. 2 MAY RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
7. STRATUM NO. 3 SHALL BE TREATED AS MUCK(M) IN ACCORDANCE WITH FDOT STANDARD PLAN INDICES 120–002 AND 120–001.
8. 'NP' DENOTES NON–PLASTIC.
9. LAYERS OF VERY HARD MATERIALS SUCH AS LIMESTONE (ROCK) AND BOULDERS MAY BE ENCOUNTERED IN VARIOUS AREAS OF THE PROJECT, SUCH MATERIALS WILL BE DIFFICULT TO EXCAVATE OR PENETRATE. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER THESE VERY HARD MATERIALS IN ALL EXCAVATIONS AND SHALL USE SPECIALIZED EQUIPMENT AND/OR PROCEDURES AS NECESSARY TO FACILITATE PENETRATION AND/OR DEWATERING.

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Ardaman & Associates, Inc.
9970 Bavaria Road
Fort Myers, Fl. 33913
E.O.R.-Ivan F. Sokolic, P.E. NO. 64114

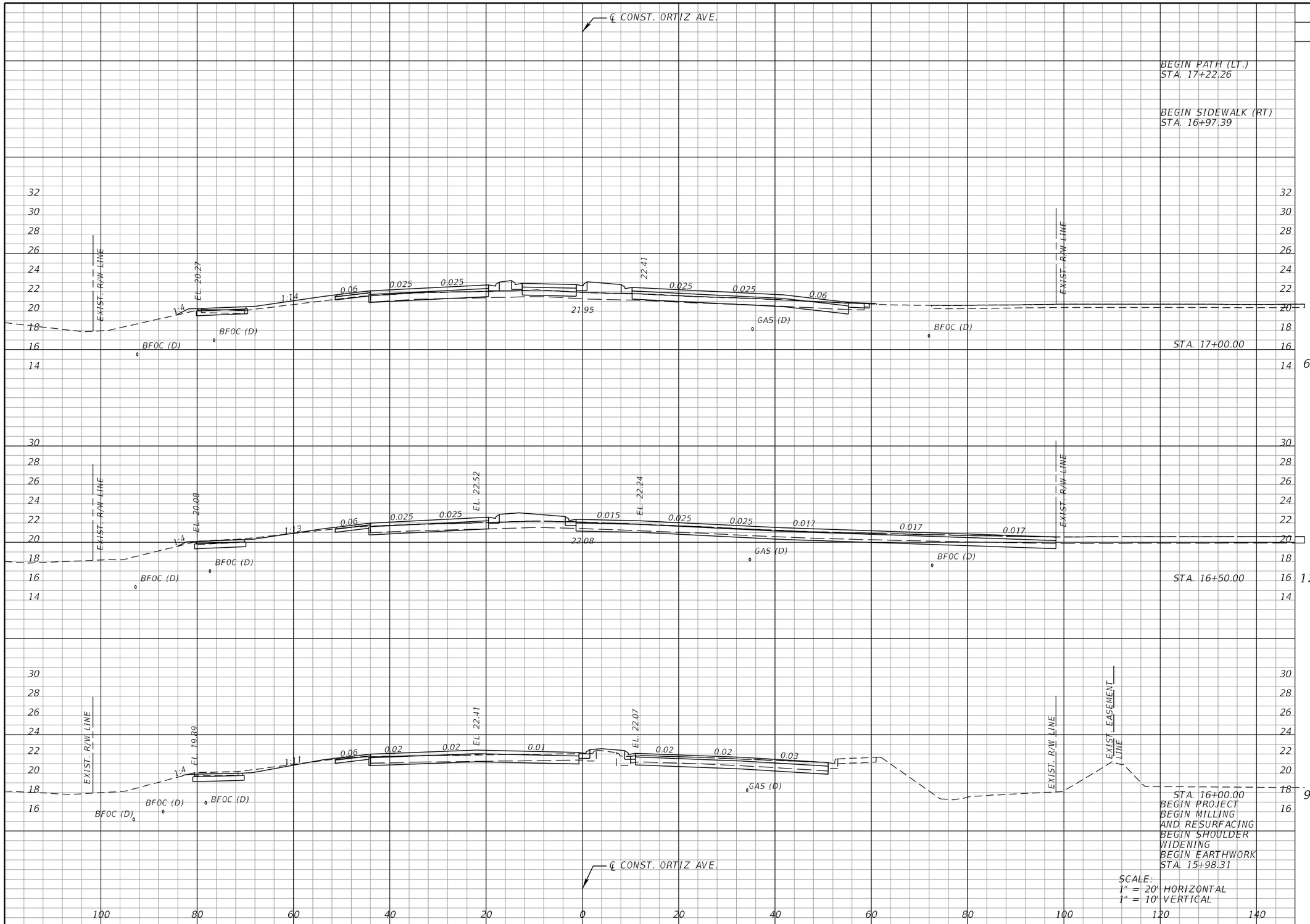
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SOIL SURVEY SHEET

SHEET NO. 84

T:\Orlando\20\20-33-4507\2033450701.dwg 10/22/2020 9:12:35 AM, Chris.Drew



	Regular Exc.		Embankment	
	A	V	A	V
	62.3	175.6	18.7	28.1
	127.4	207.4	11.6	13.1
	96.6	0	2.6	0

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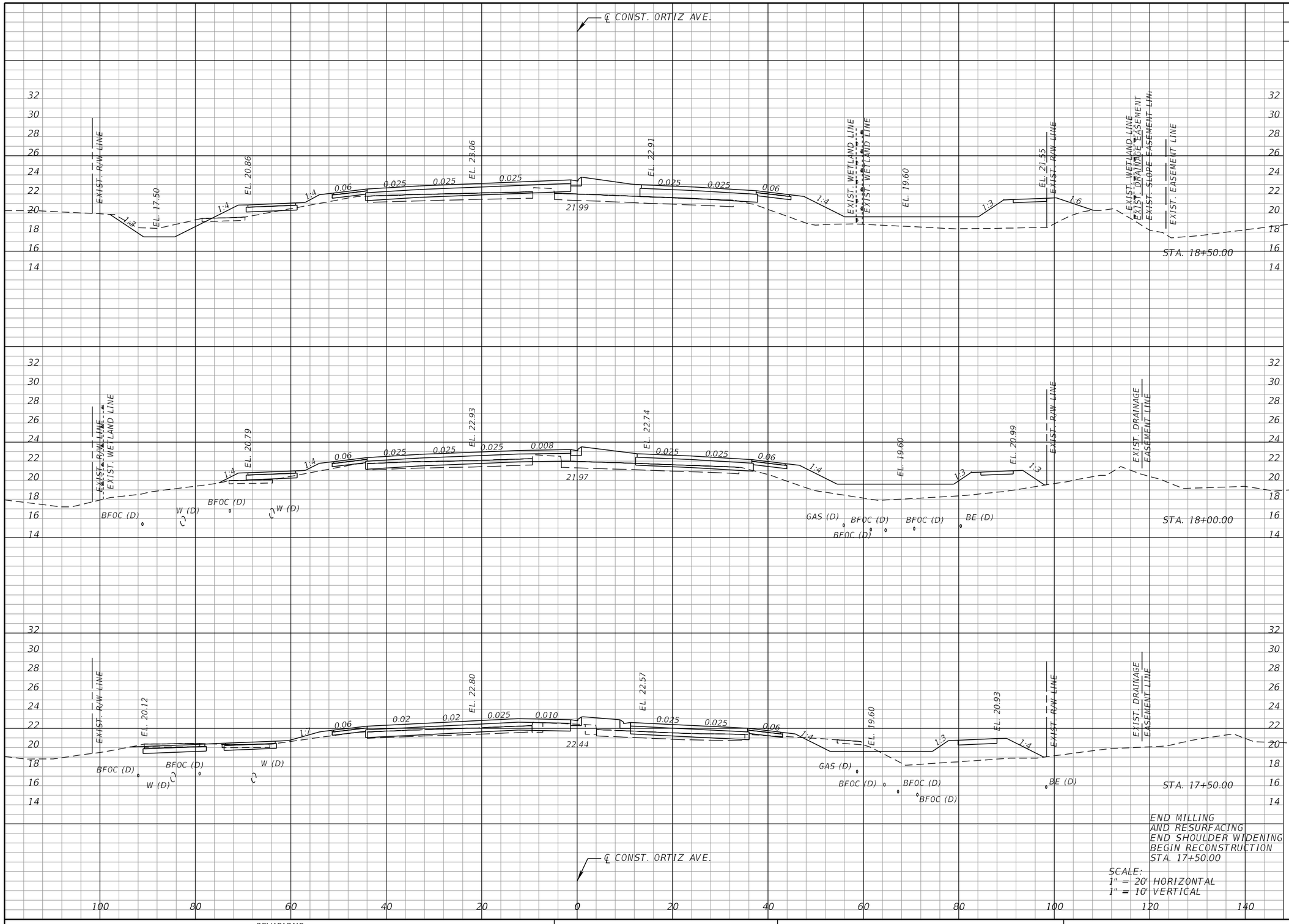
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (1)

SHEET NO. 85



	Regular Exc.		Embankment	
	A	V	A	V
STA. 18+50.00	27.7	48.1	147.6	245.0
STA. 18+00.00	24.3	82.5	117.0	168.1
STA. 17+50.00	64.8	117.7	64.5	77.0

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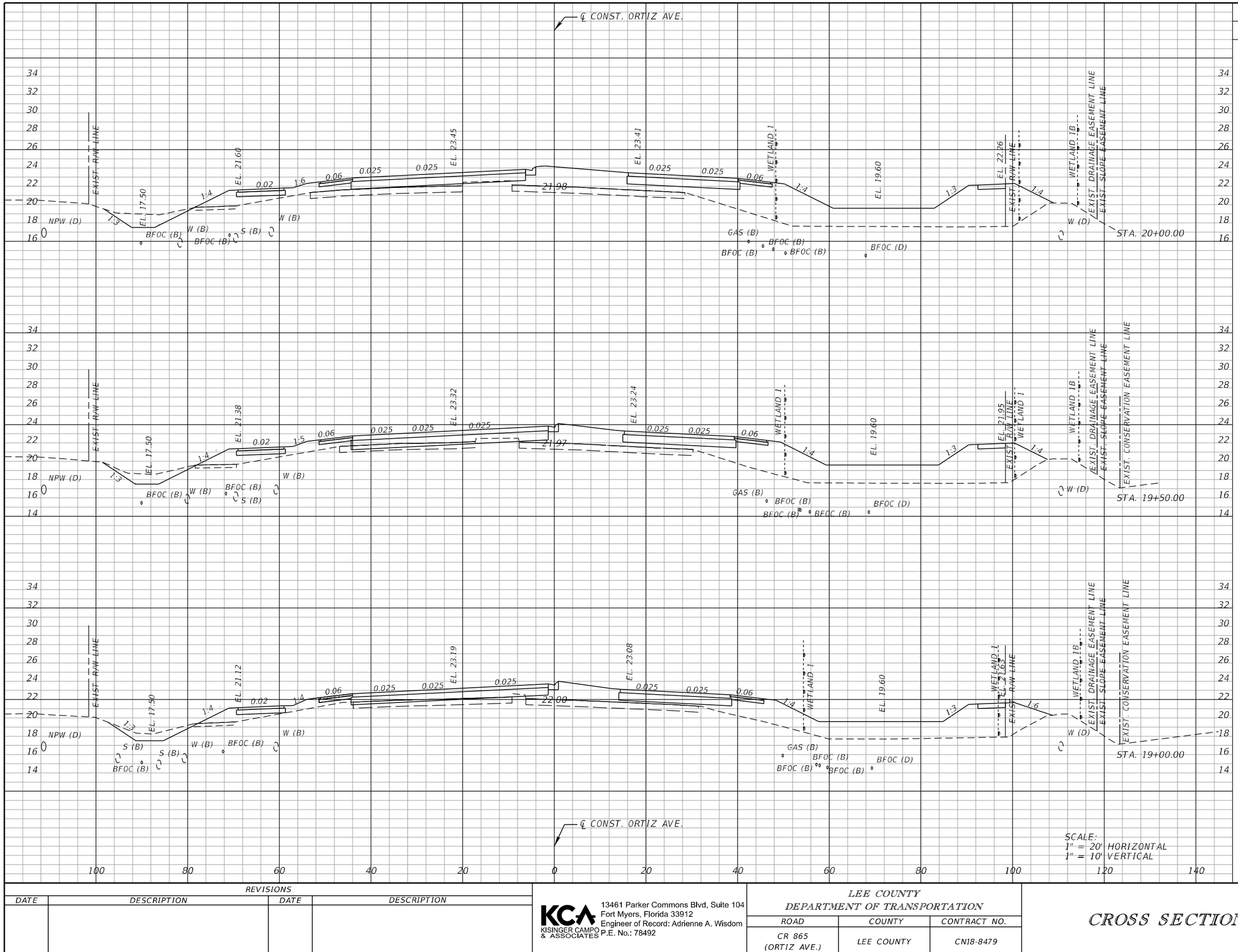
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (2)

SHEET NO. 86



Regular Exc.		Embankment	
A	V	A	V
17.9	41.6	298.2	511.5
27.0	41.7	254.2	427.0
18.0	42.3	207.0	328.3

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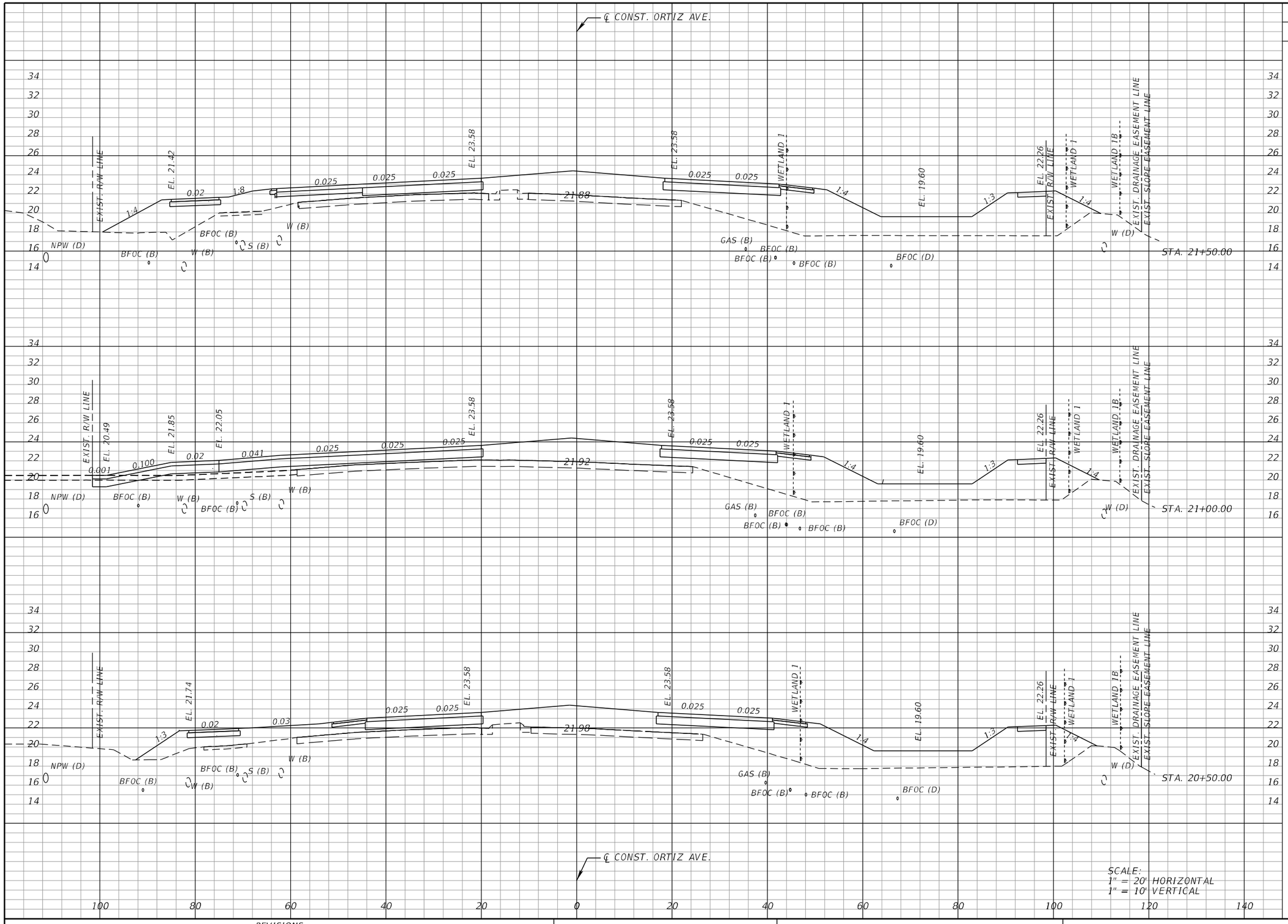
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LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (3)

SHEET NO. 87



Regular Exc.		Embankment	
A	V	A	V
0.0	10.0	432.1	707.1
10.8	10.0	331.6	646.1
0.0	16.6	366.2	615.2

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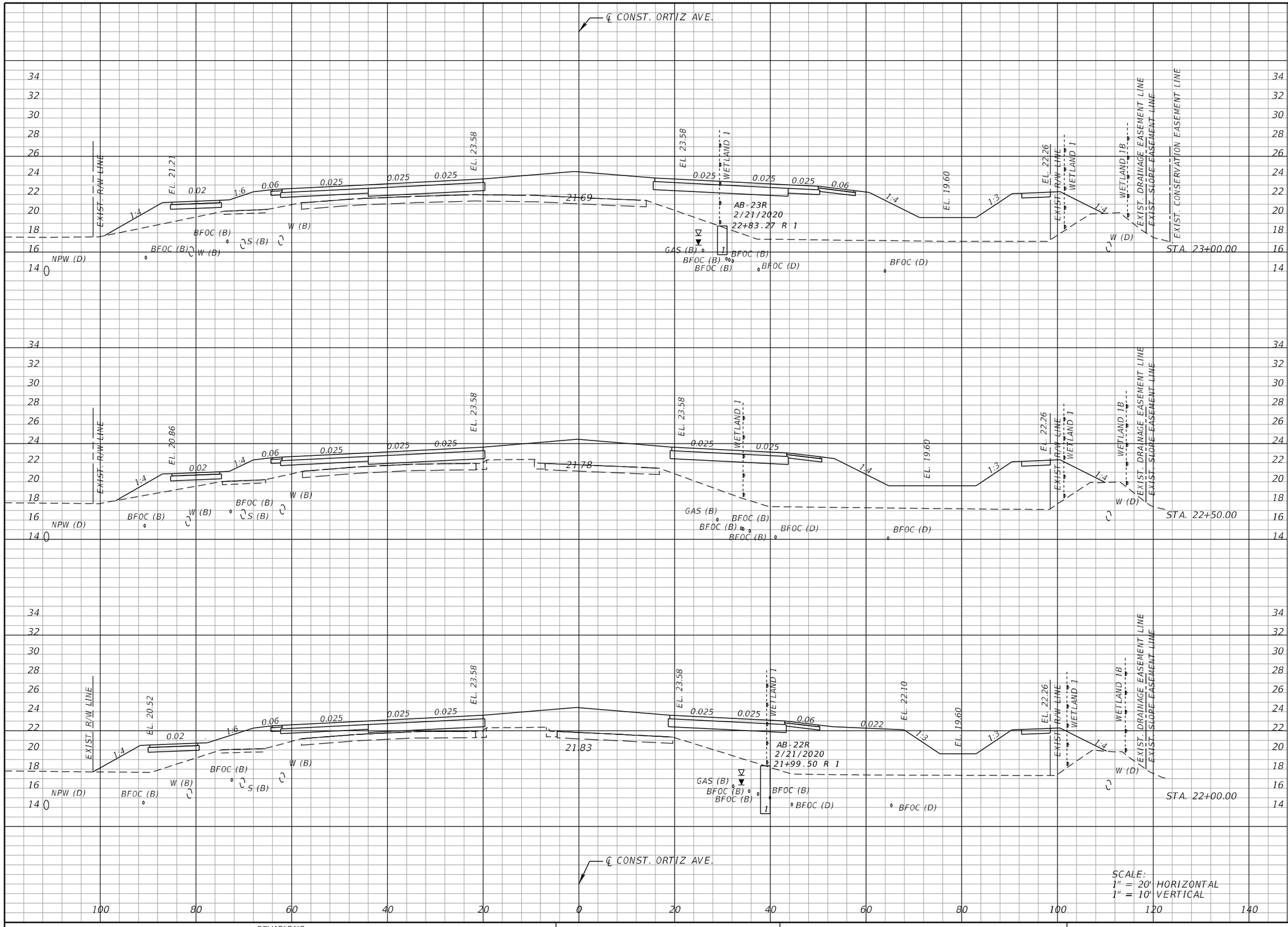
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Engineer of Record: Adrienne A. Wisdom
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (4)

SHEET NO. 88



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	486.2	868.8
0.0	0.0	452.1	861.2
0.0	0.0	478.0	842.7

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

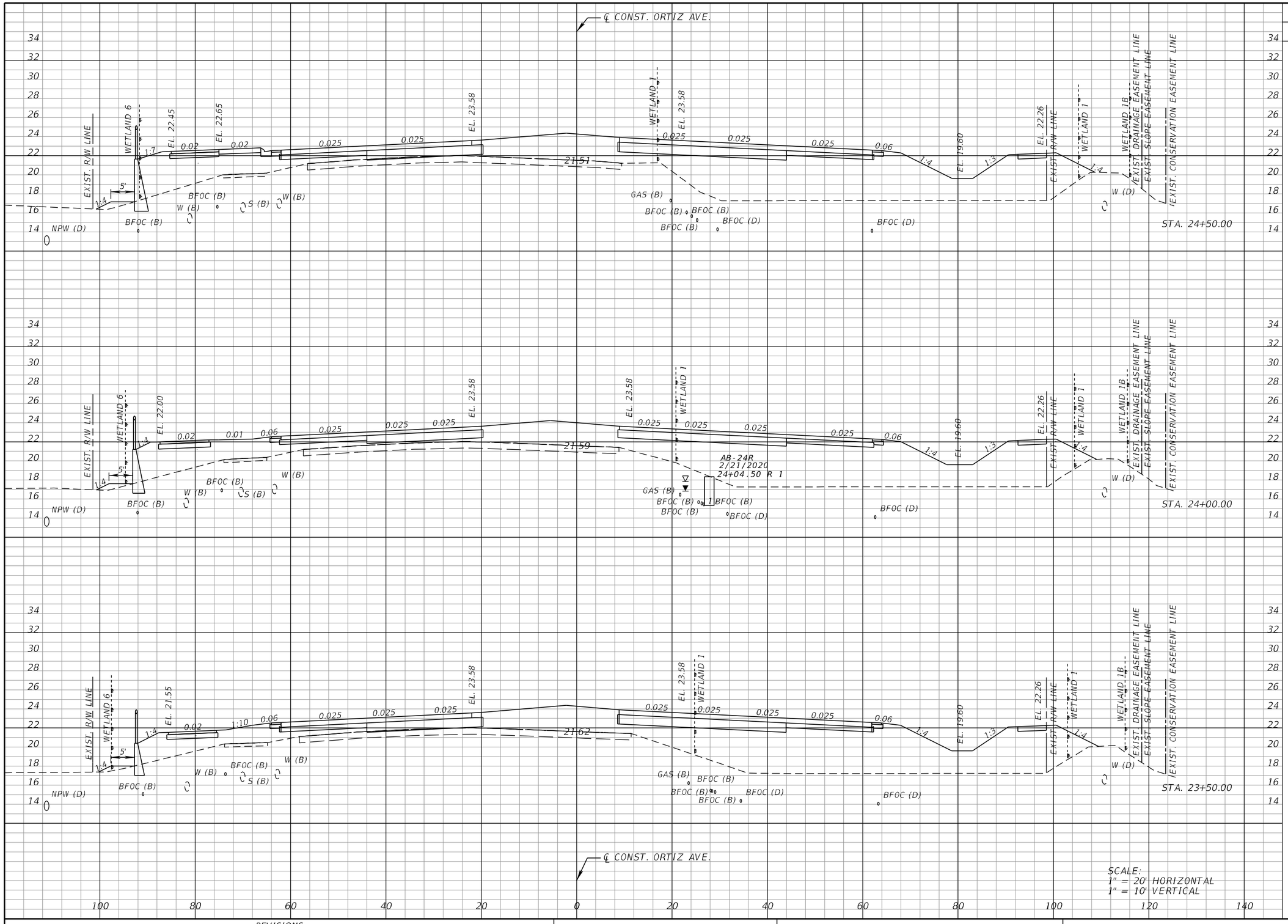
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (5)

SHEET NO. 89



Regular Exc.		Embankment	
A	V	A	V
4.5	6.7	520.9	951.0
2.7	5.6	506.2	919.3
3.3	3.1	486.6	900.7

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DATE	DESCRIPTION	DATE	DESCRIPTION

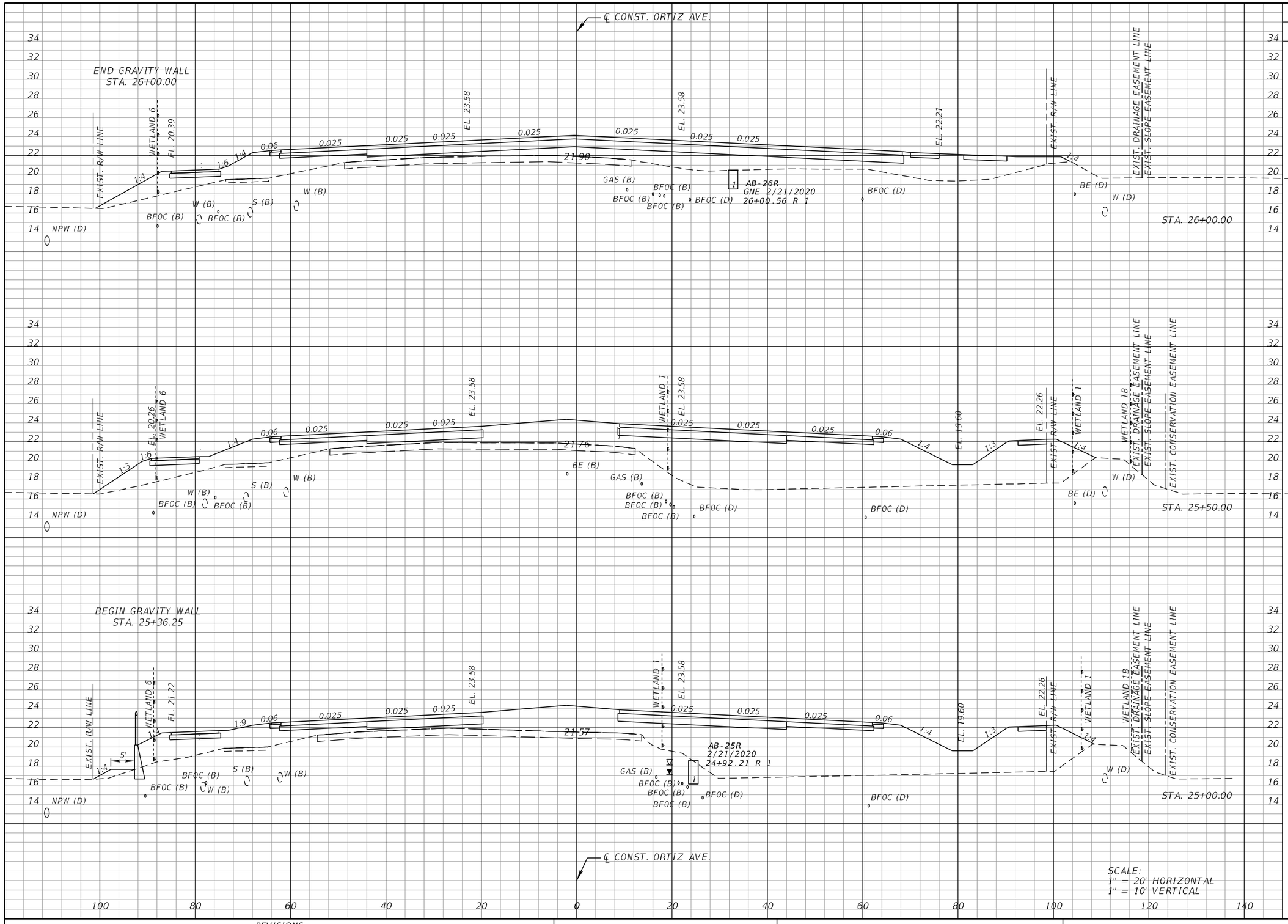
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (6)

SHEET NO. 90



	Regular Exc.		Embankment	
	A	V	A	V
STA. 26+00.00	0.0	0.0	256.3	744.3
STA. 25+50.00	0.0	2.0	547.5	1016.8
STA. 25+00.00	2.2	6.2	550.6	992.1

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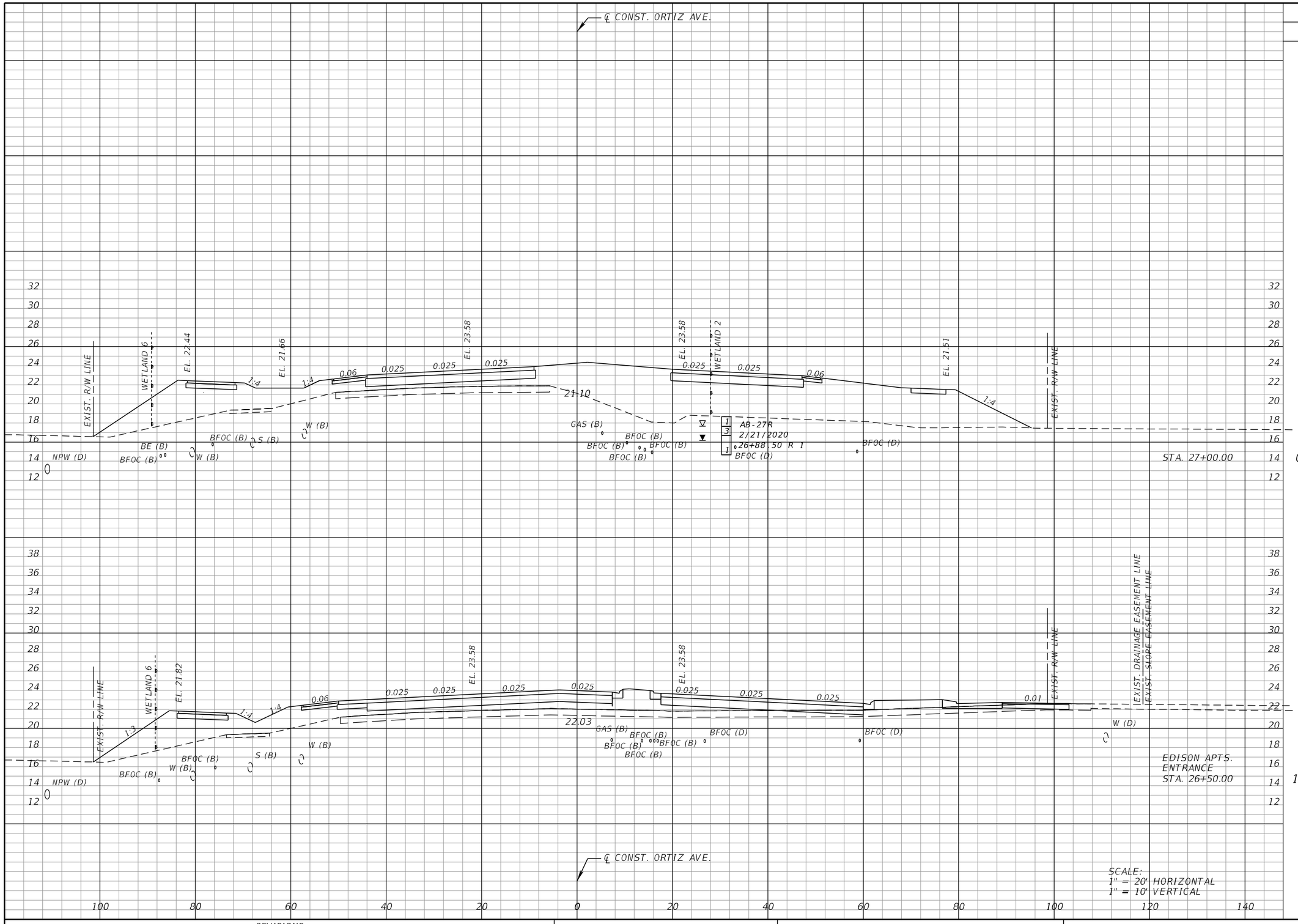
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CROSS SECTIONS (7)

SHEET NO. 91



Regular Exc.		Embankment	
A	V	A	V
0.0		511.2	
	12.9		636.2
13.9		175.9	
	12.9		400.2

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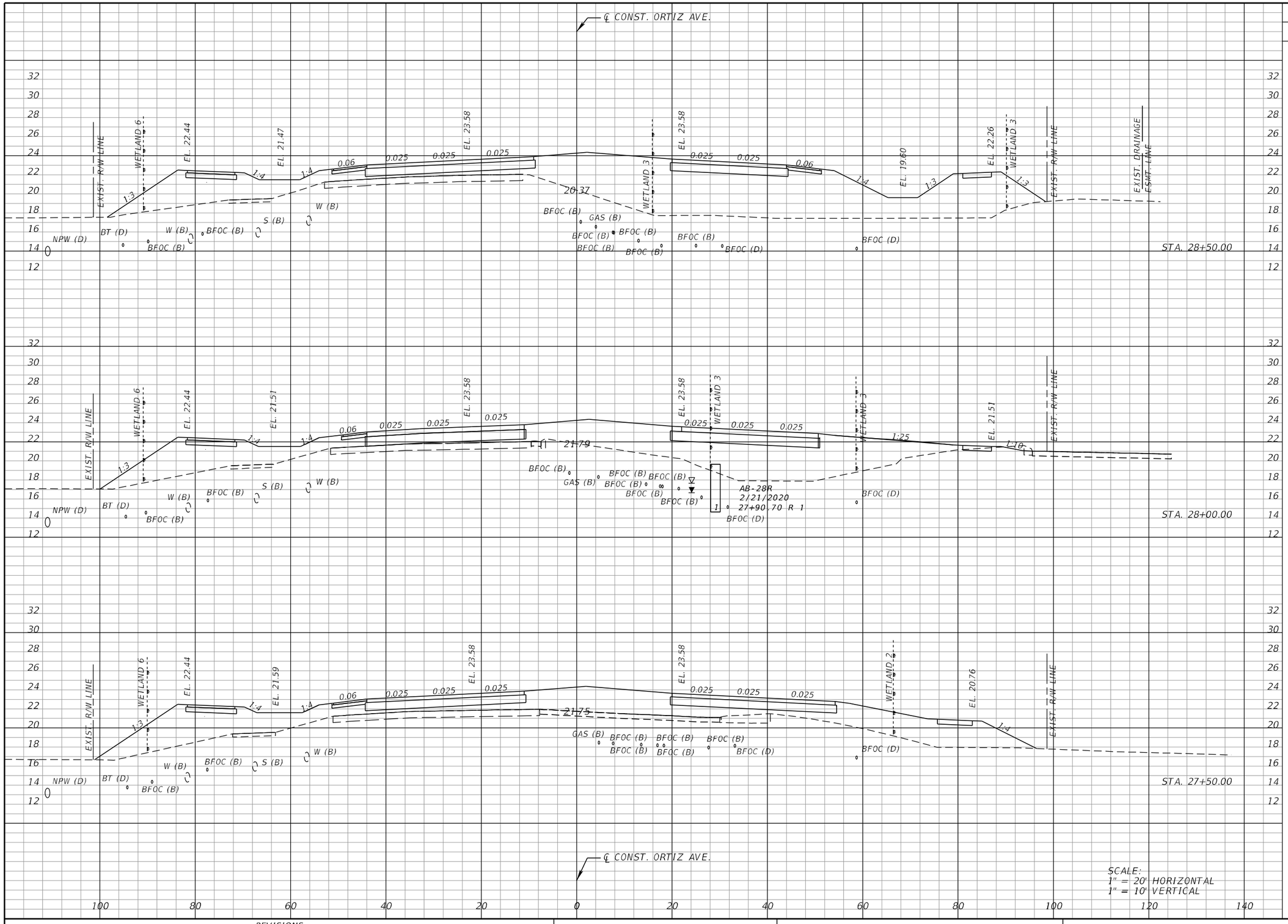
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CROSS SECTIONS (8)

SHEET NO. 92



Regular Exc.		Embankment	
A	V	A	V
0.0		546.7	
	3.0		848.1
3.2		369.2	
	3.0		648.8
0.0		331.5	
	0.0		780.3

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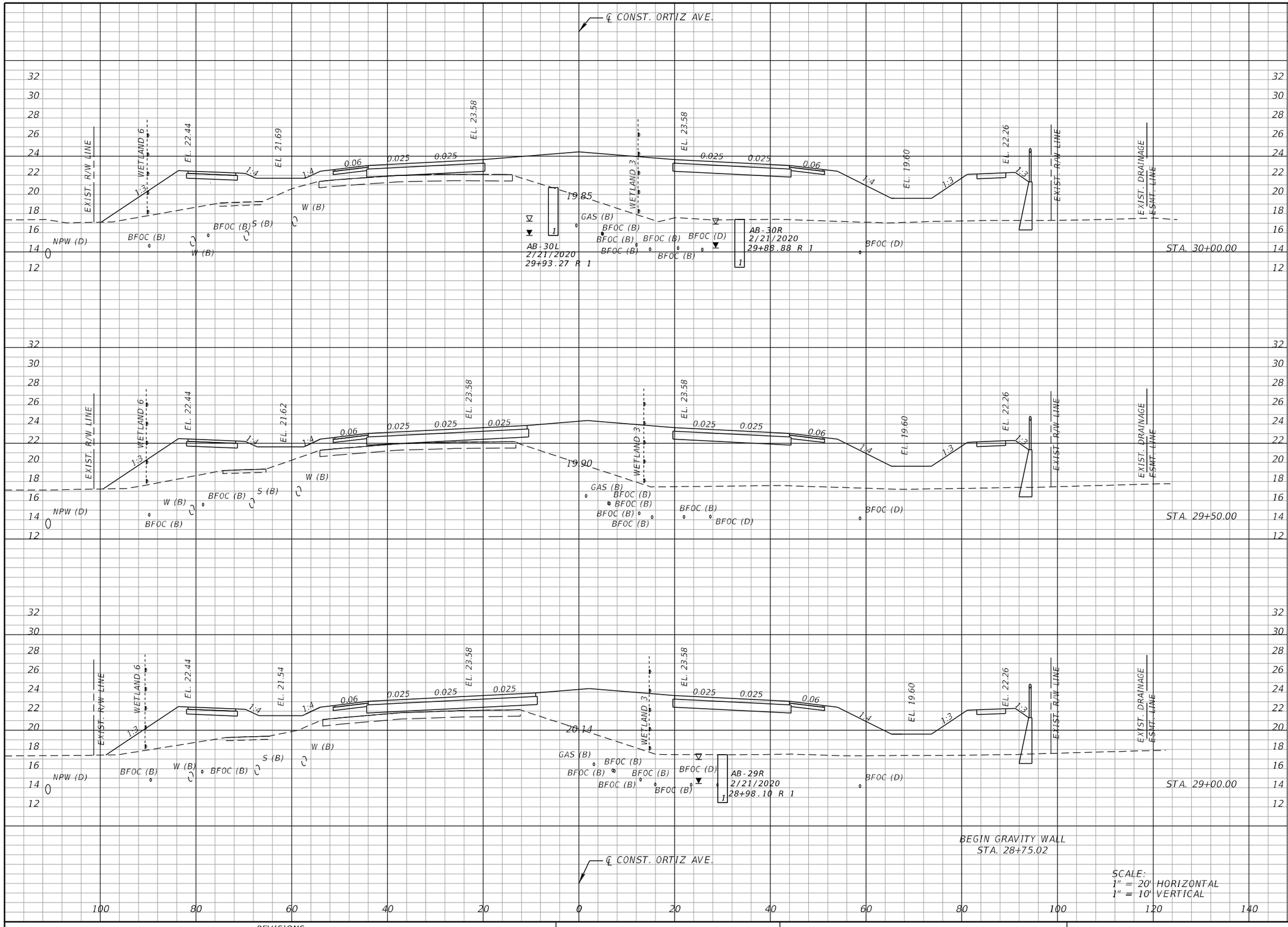
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CROSS SECTIONS (9)

SHEET NO. 93



Regular Exc.		Embankment	
A	V	A	V
2.5	4.6	592.1	1076.5
2.5	4.5	570.5	1046.2
2.4	2.2	559.4	1024.2

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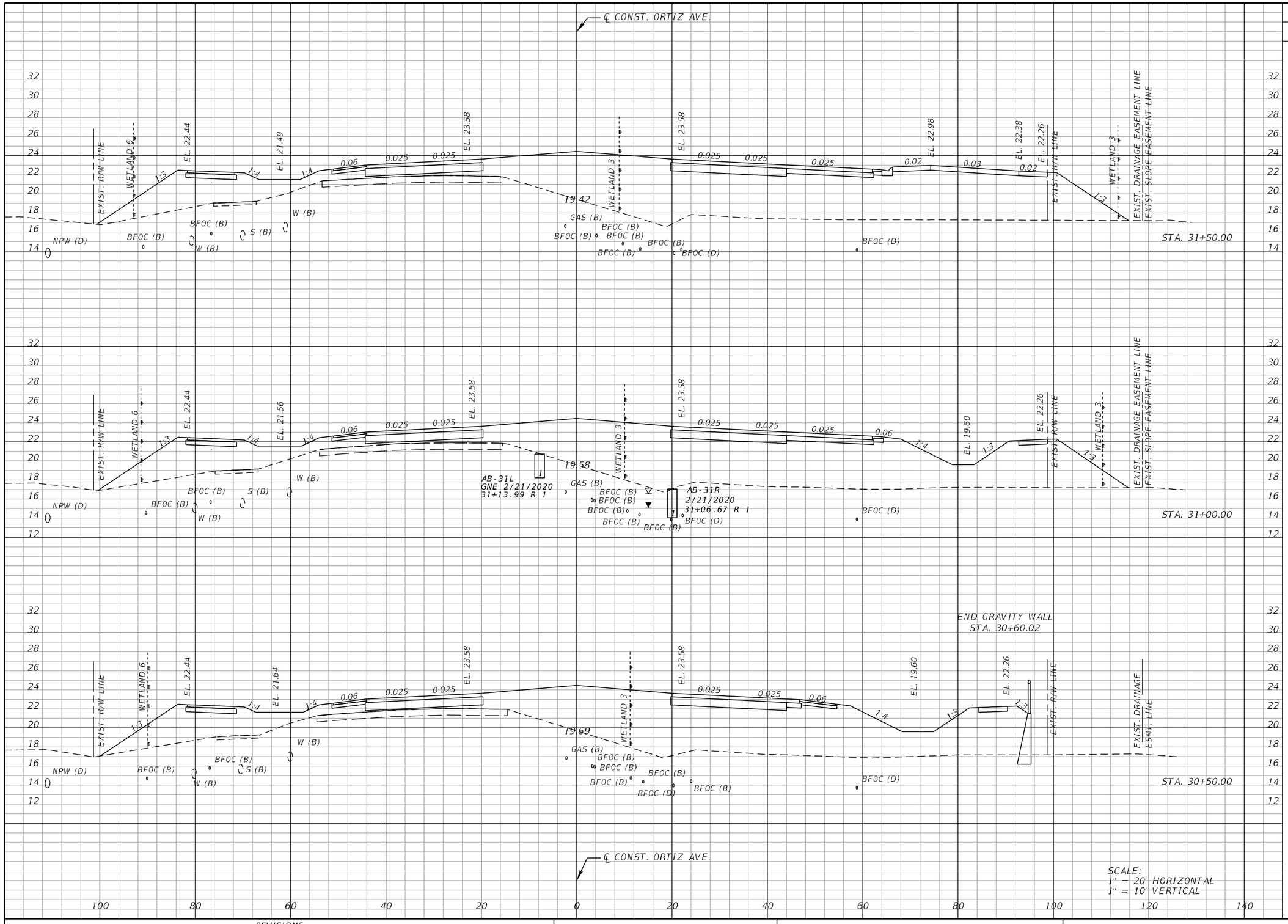
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LEE COUNTY
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CROSS SECTIONS (10)

SHEET NO. 94



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	724.9	1313.8
0.0	2.5	693.6	1209.1
2.7	4.8	612.2	1115.1

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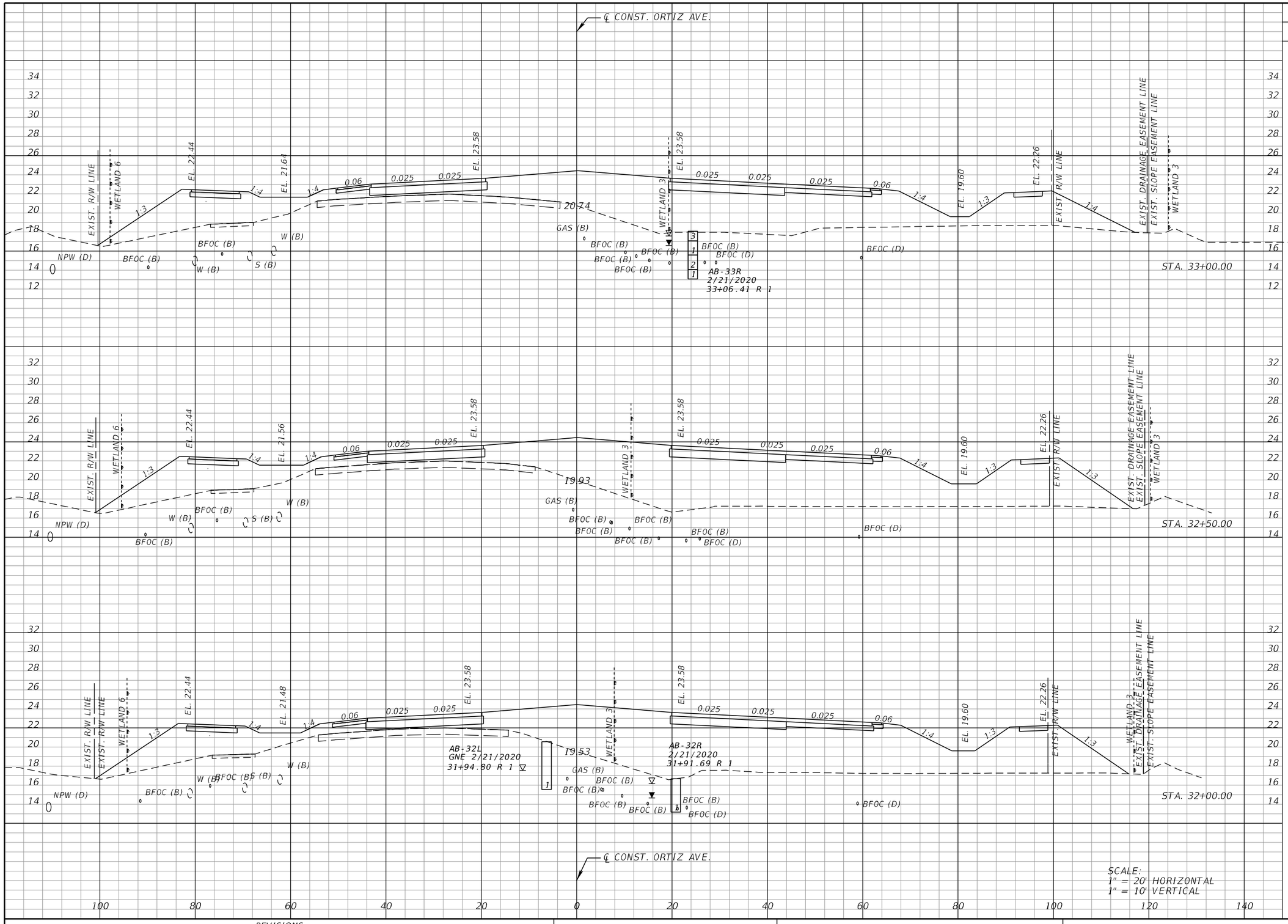
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (11)

SHEET NO. 95



Regular Exc.		Embankment	
A	V	A	V
0.0		570.9	
	0.0		1172.6
0.0		693.7	
	0.0		1277.3
0.0		683.4	
	0.0		1306.4

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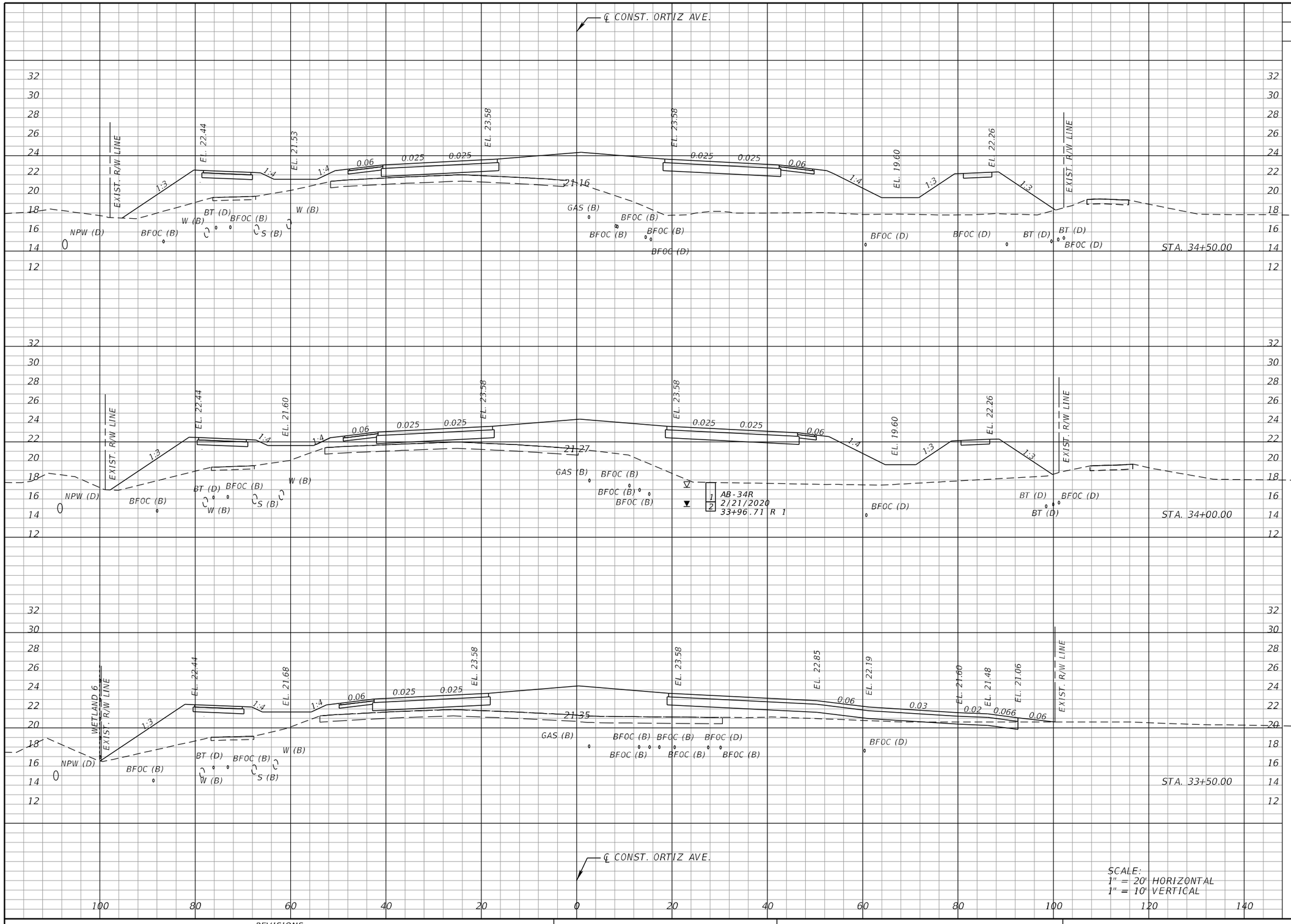
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (12)

SHEET NO. 96



Regular Exc.		Embankment	
A	V	A	V
0.0		494.0	
	0.0		925.5
0.0		504.2	
	5.6		702.5
6.1		254.7	
	5.6		764.2

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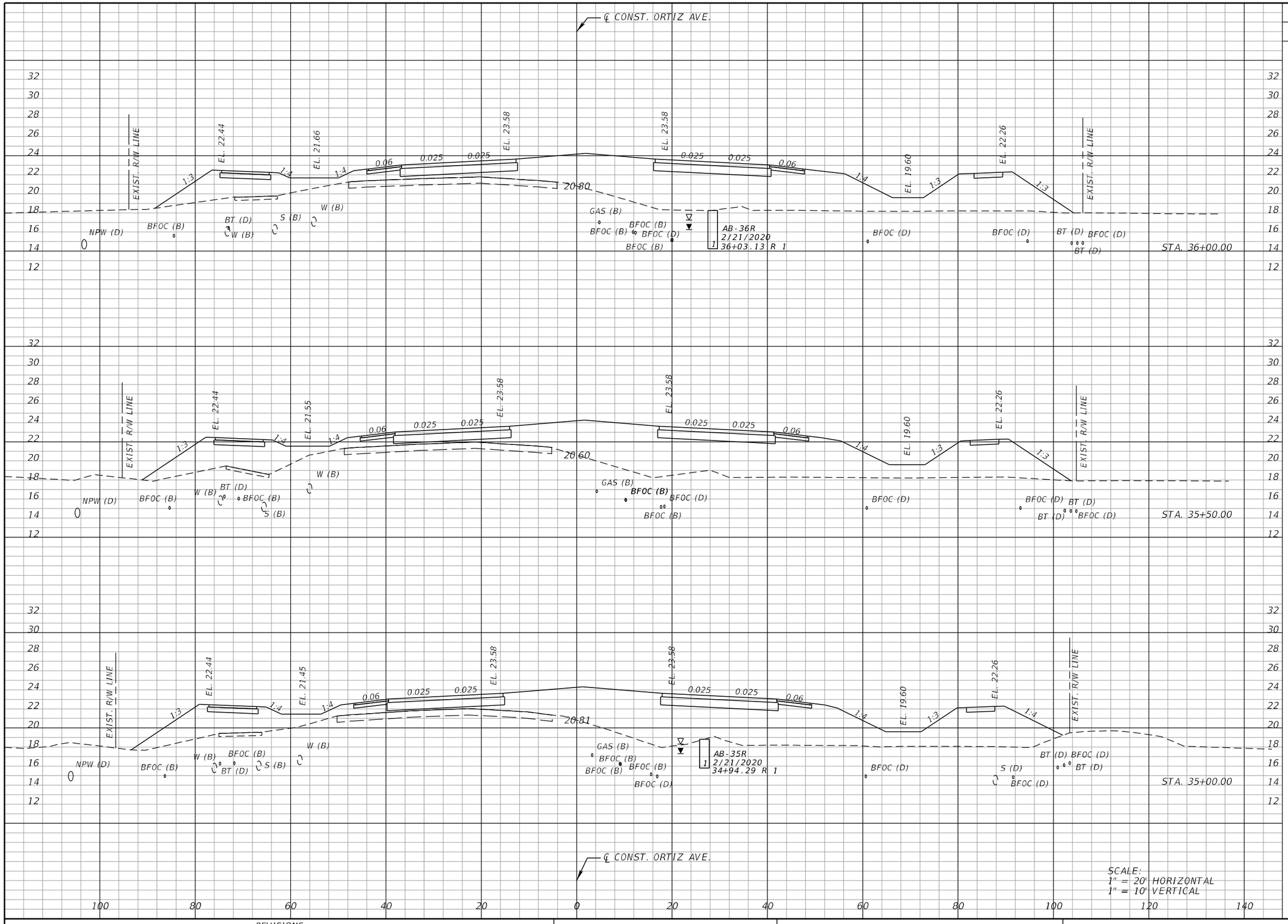
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CROSS SECTIONS (13)

SHEET NO. 97



Regular Exc.		Embankment	
A	V	A	V
0.0		469.4	
	0.0		876.2
0.0		478.3	
	0.0		893.9
0.0		485.8	
	0.0		908.5

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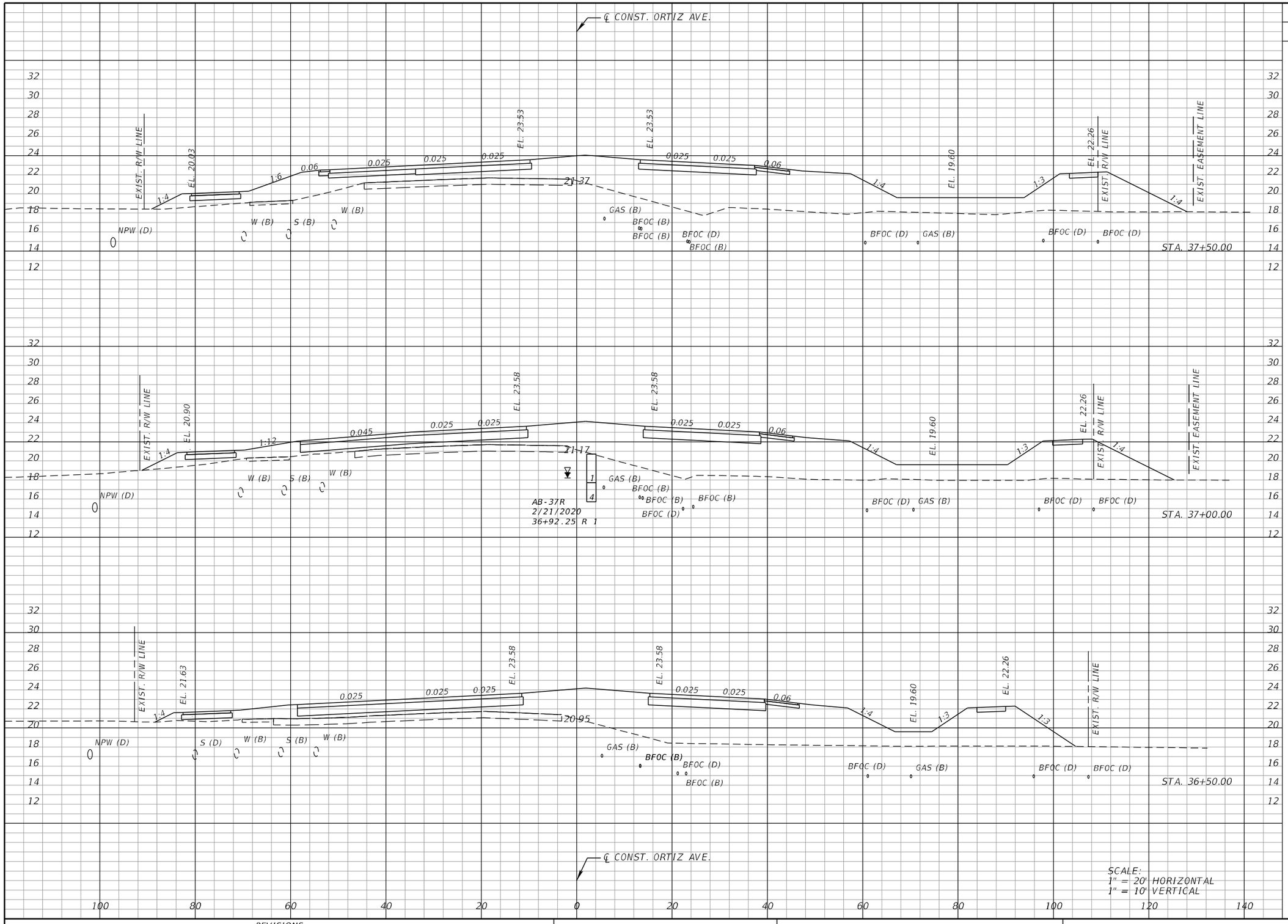
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Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (14)

SHEET NO. 98



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	487.2	869.0
0.0	0.0	454.1	804.6
0.0	0.0	417.4	819.3

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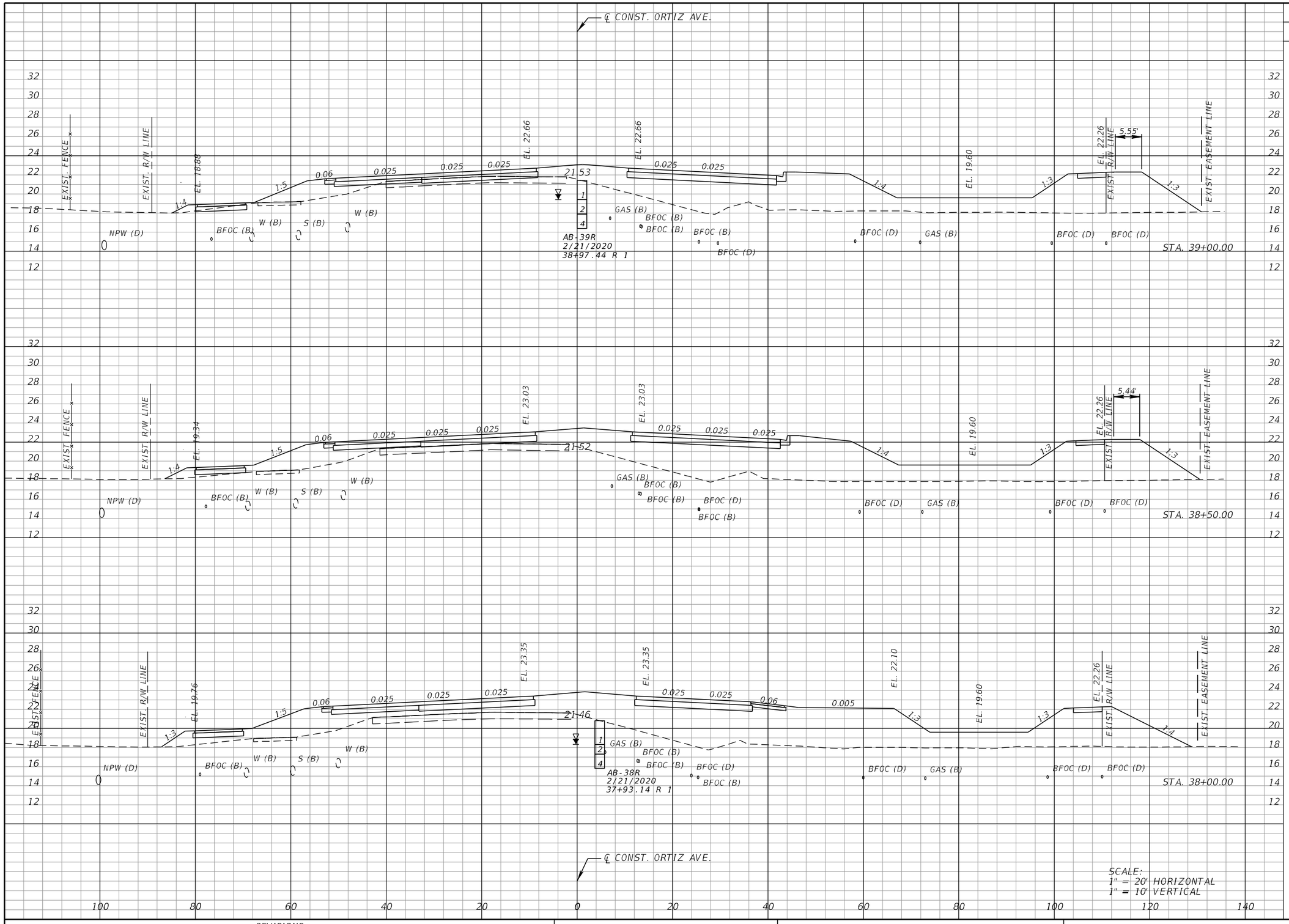
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (15)

SHEET NO. 99



Regular Exc.		Embankment	
A	V	A	V
14.2	13.4	378.4	753.5
0.3	0.3	438.5	854.8
0.0	0.0	487.8	900.2

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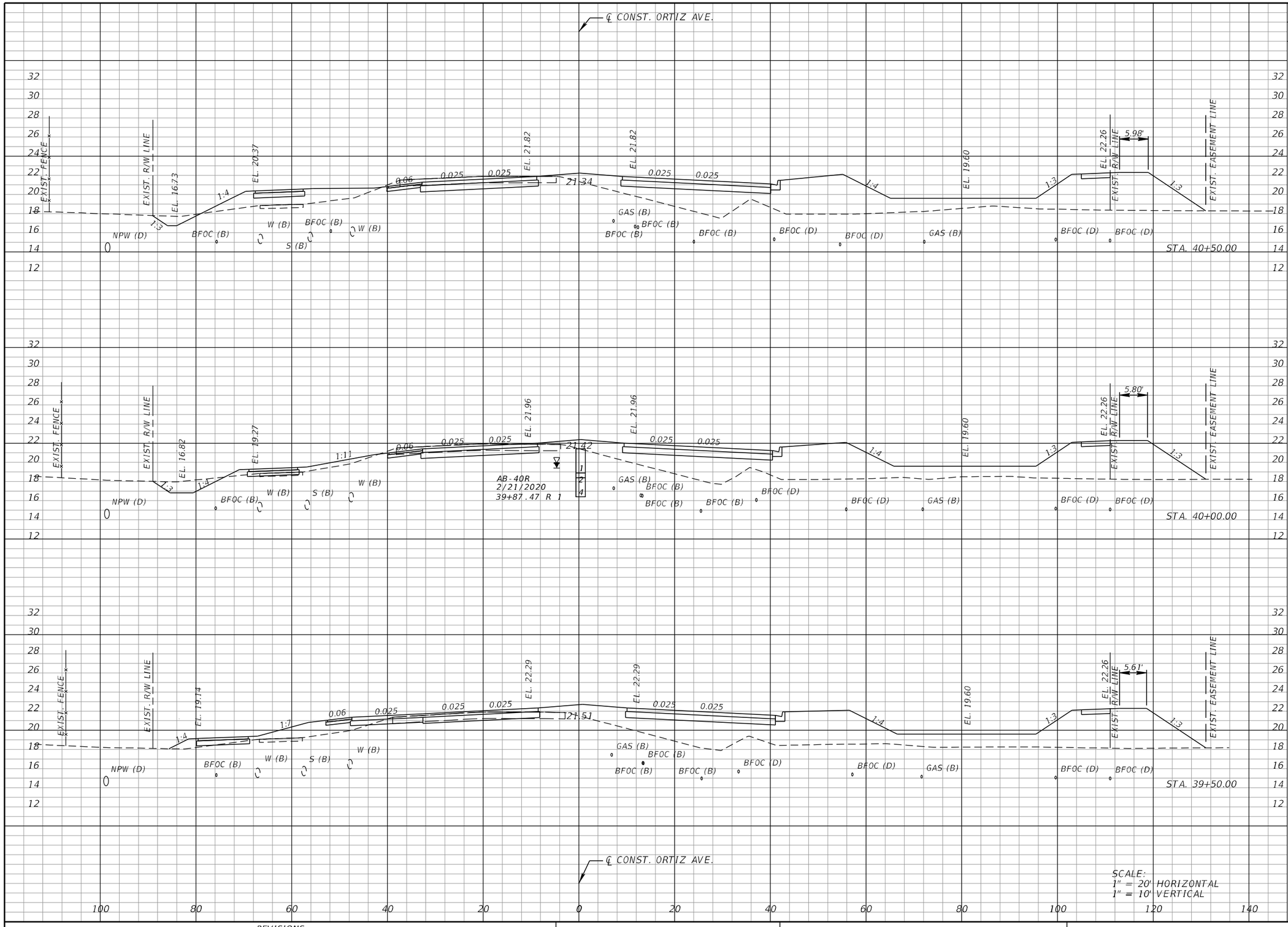
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (16)

SHEET NO. 100



Regular Exc.		Embankment	
A	V	A	V
42.8	84.8	319.8	571.9
48.8	69.4	297.9	583.0
26.2	37.3	332.5	655.6

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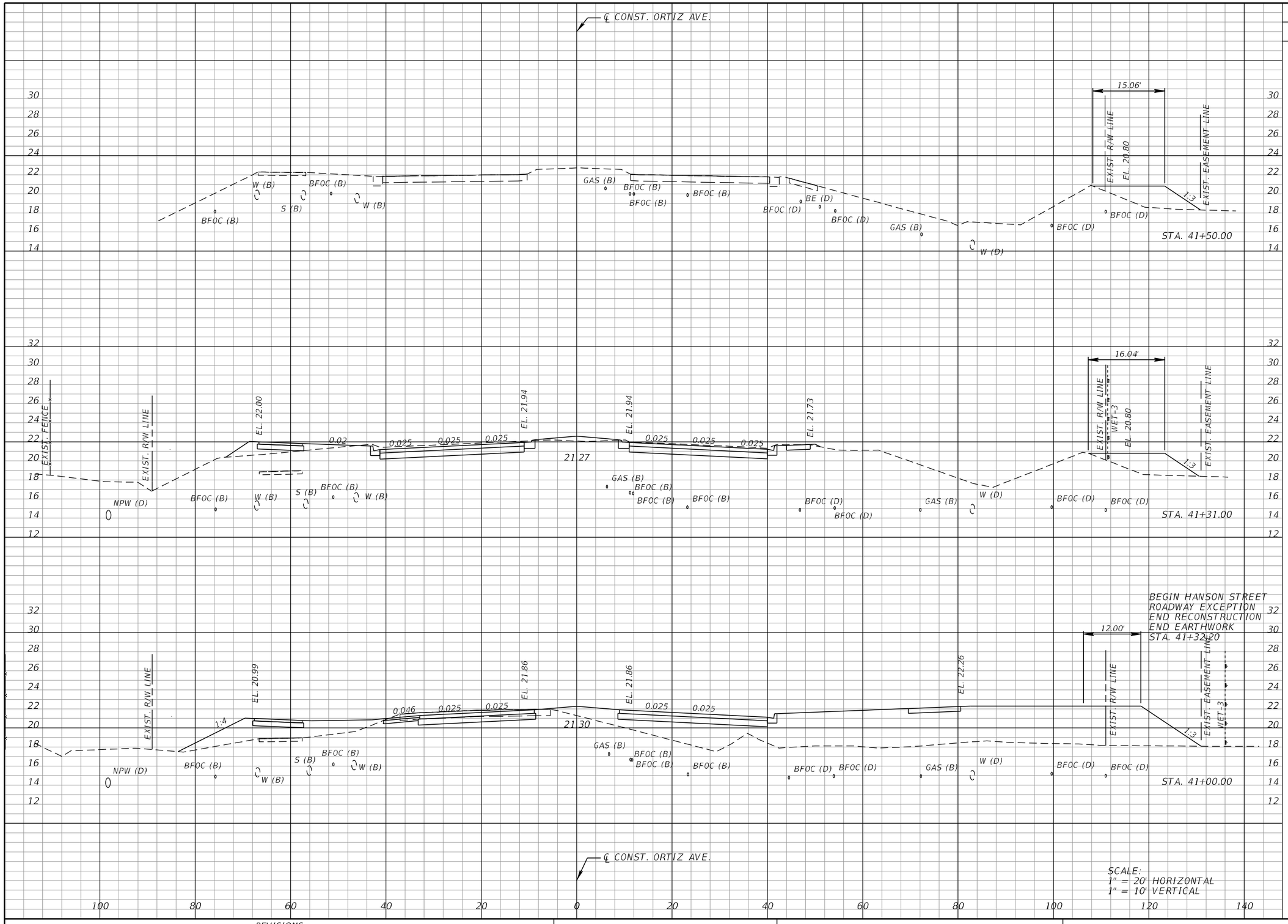
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (17)

SHEET NO. 101



Regular Exc.		Embankment	
A	V	A	V
0.0	27.6	30.2	28.2
78.5	65.0	49.9	284.2
34.8	71.9	445.2	708.3

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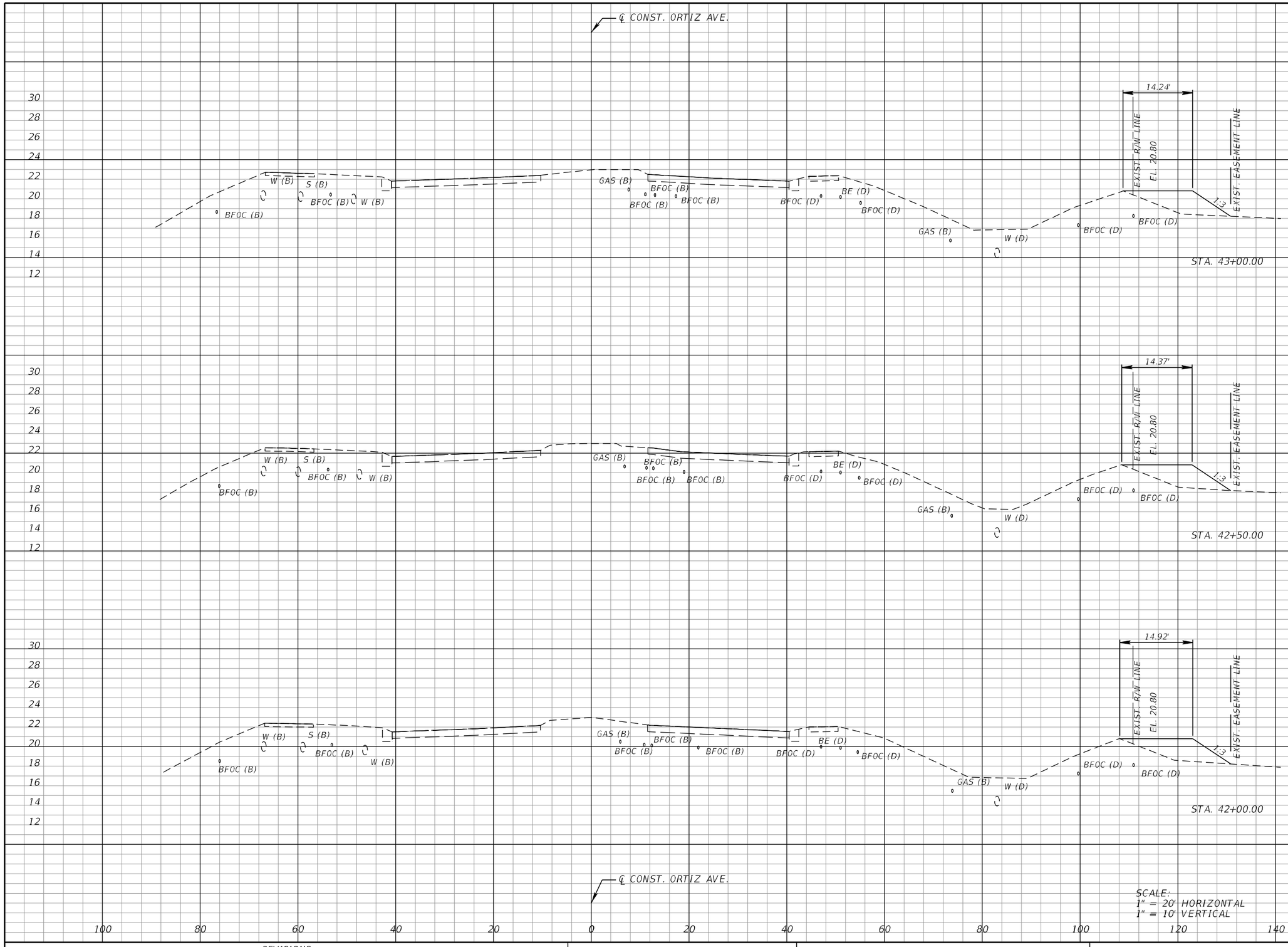
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (18)

SHEET NO. 102



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	29.0	53.9
0.0	0.0	29.2	54.5
0.0	0.0	29.7	55.5

REVISIONS			
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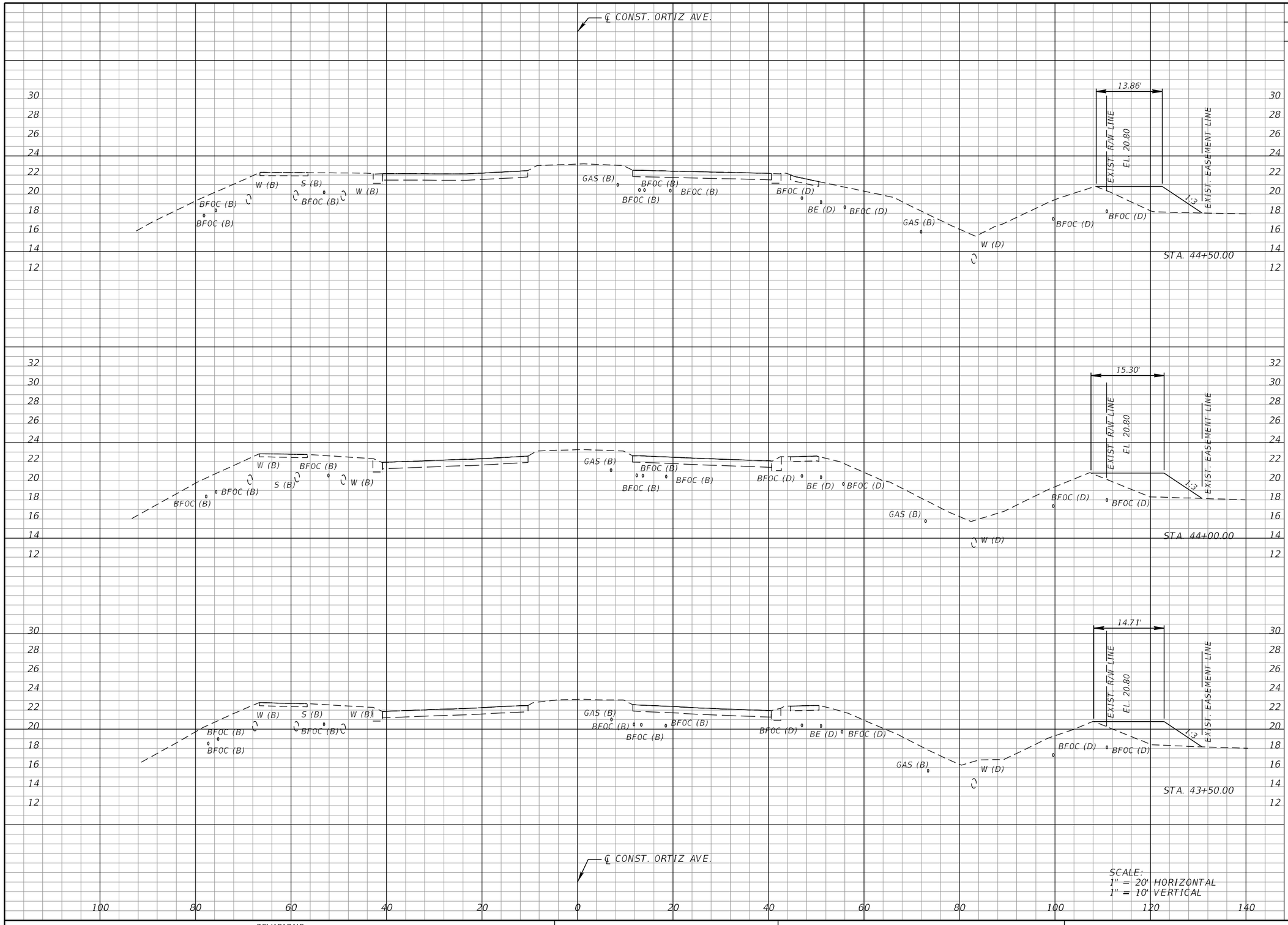
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DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (19)

SHEET NO. 103

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Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	31.8	59.7
0.0	0.0	32.7	58.9
0.0	0.0	30.9	55.5

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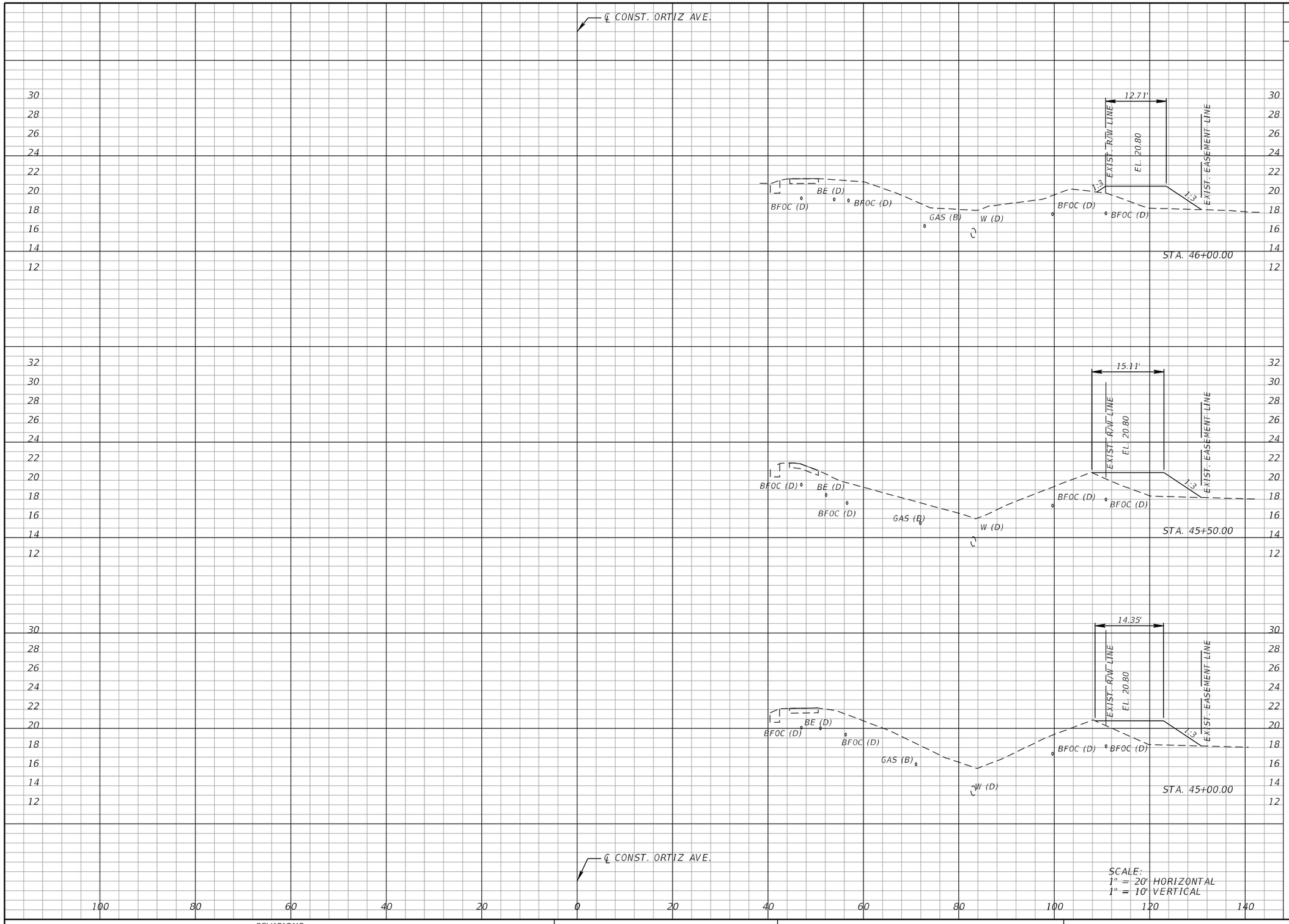
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (20)

SHEET NO. 104



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	31.3	59.1
0.0	0.0	32.5	59.5
0.0	0.0	31.8	58.9

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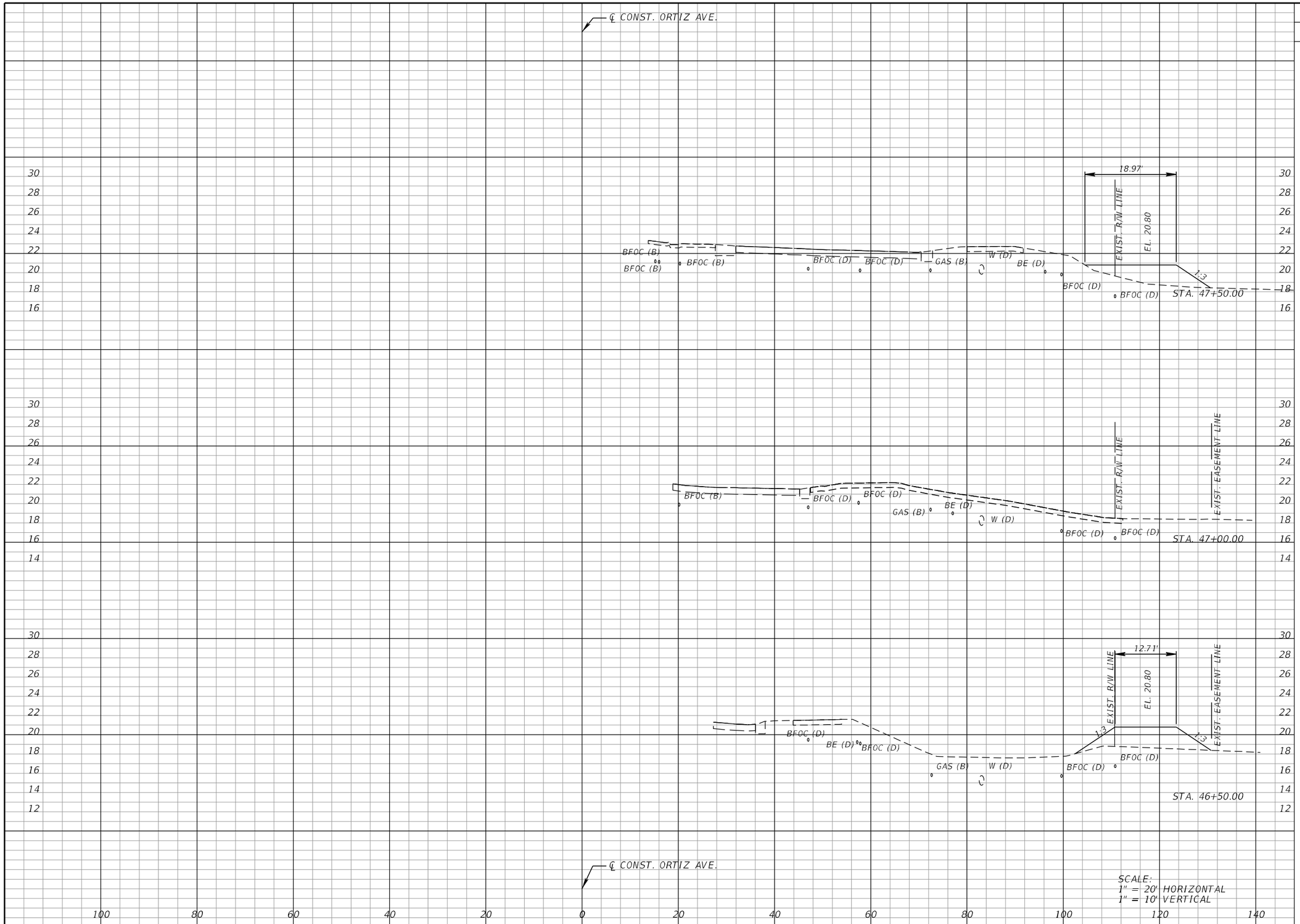
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DEPARTMENT OF TRANSPORTATION

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (21)

SHEET NO. 105



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	35.3	144.3
0.0	0.0	42.6	68.4

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SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

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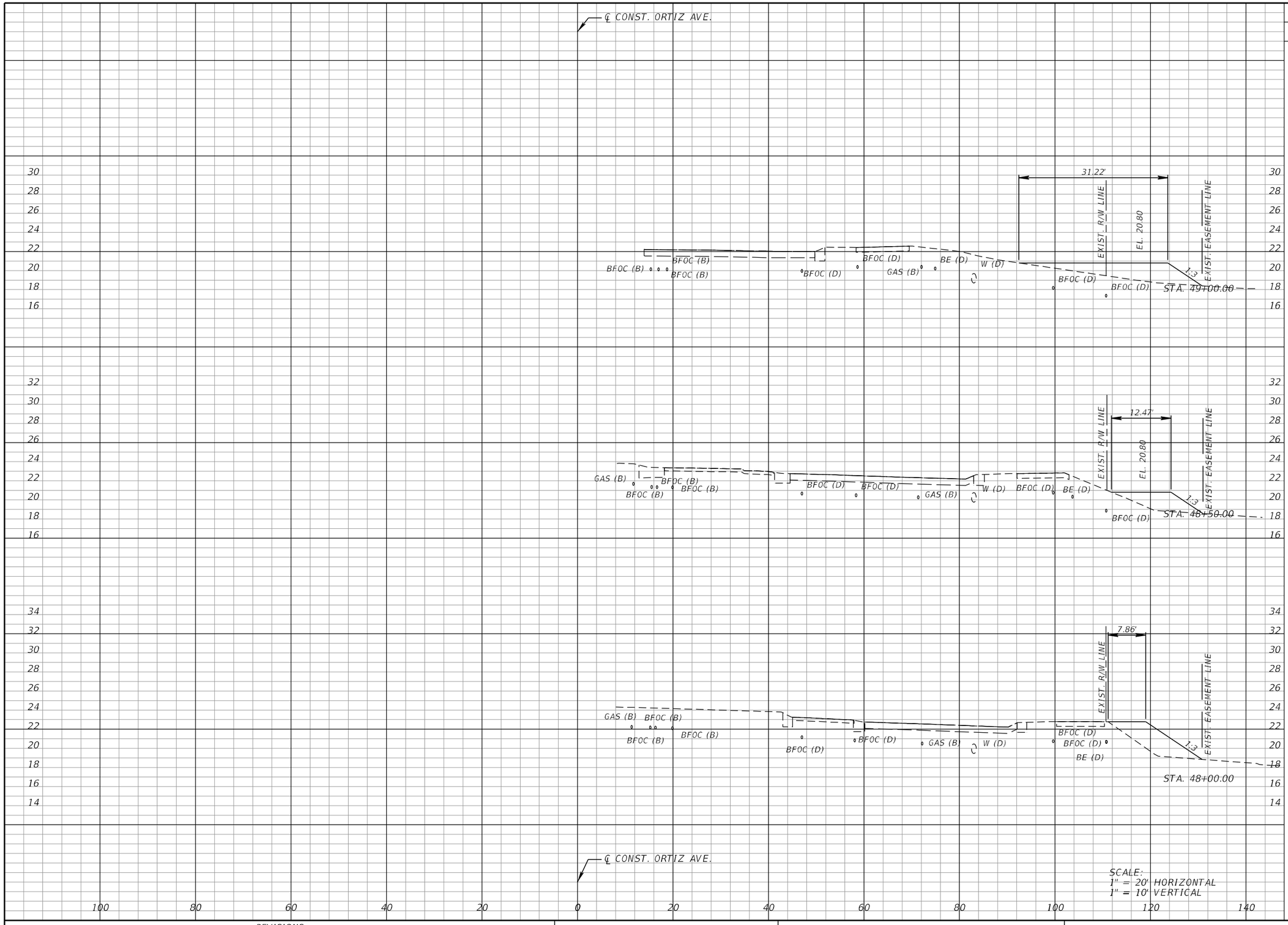
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DEPARTMENT OF TRANSPORTATION

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (22)

SHEET NO. 106



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	43.2	60.4
0.0	0.0	22.0	48.6
0.0	0.0	30.5	60.9

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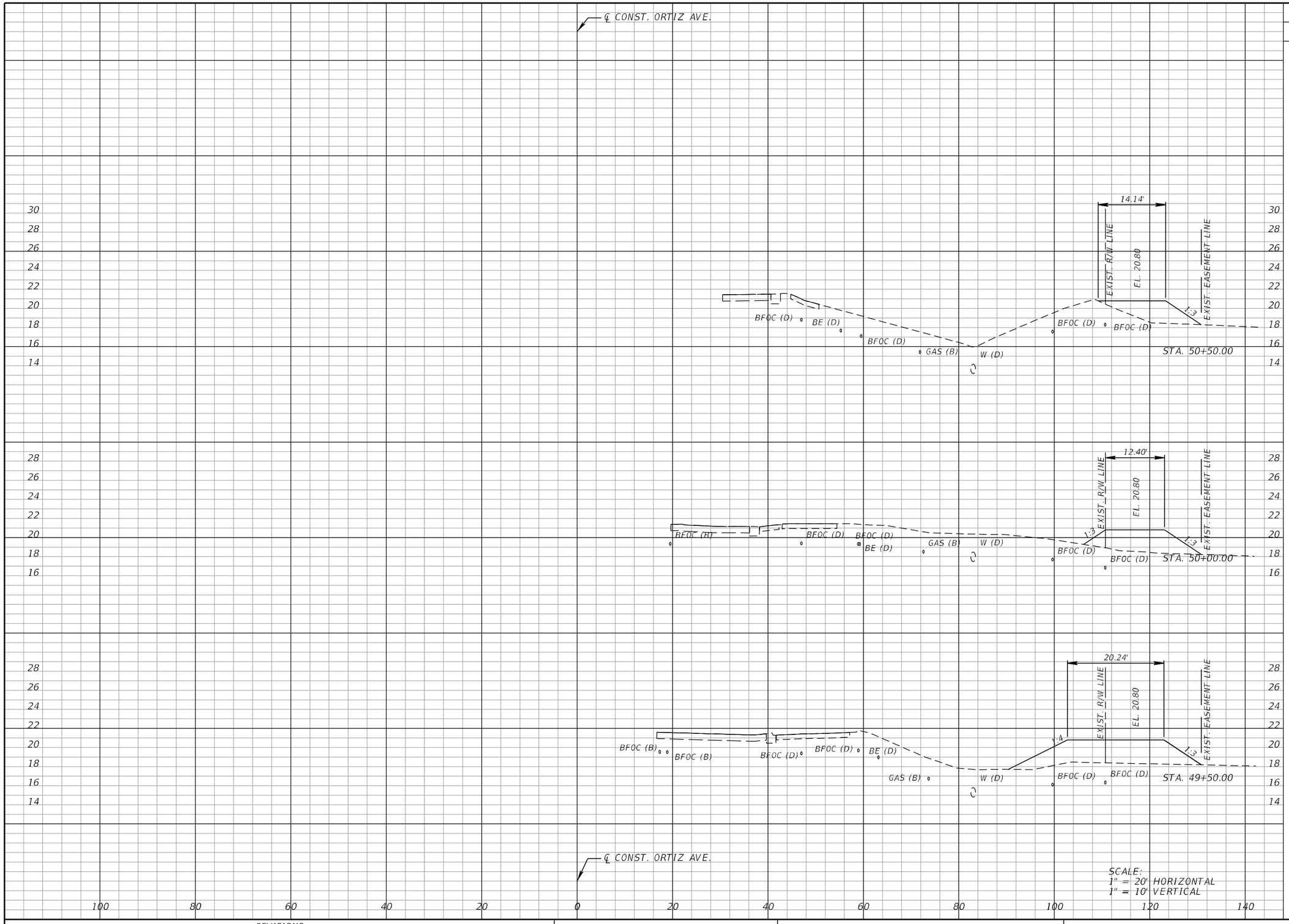
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (23)

SHEET NO. 107



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	29.0	65.3
0.0	0.0	41.5	108.6
0.0	0.0	75.8	110.2

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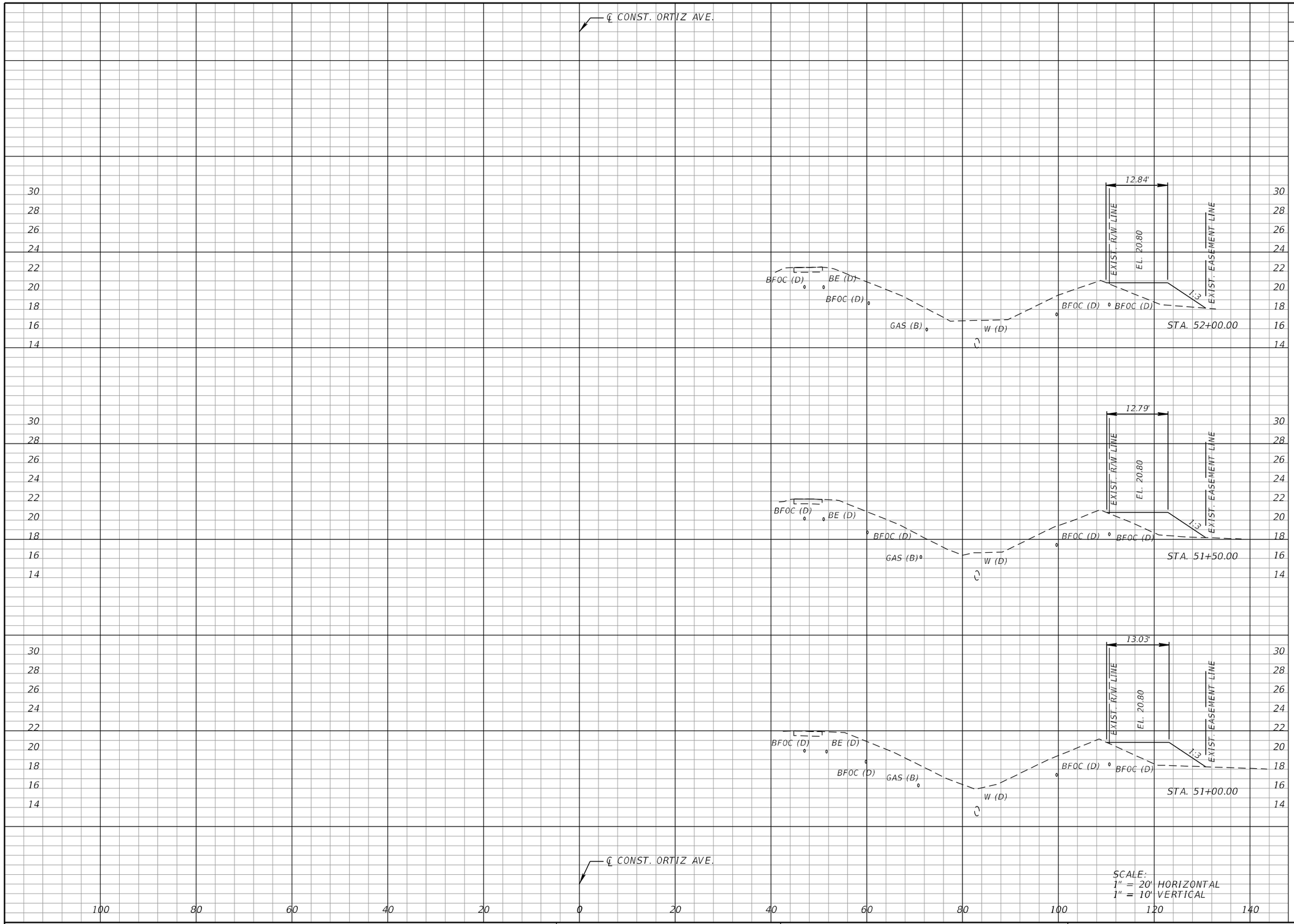
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LEE COUNTY
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (24)

SHEET NO. 108



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	25.8	48.5
0.0	0.0	26.6	50.5
0.0	0.0	27.9	52.7

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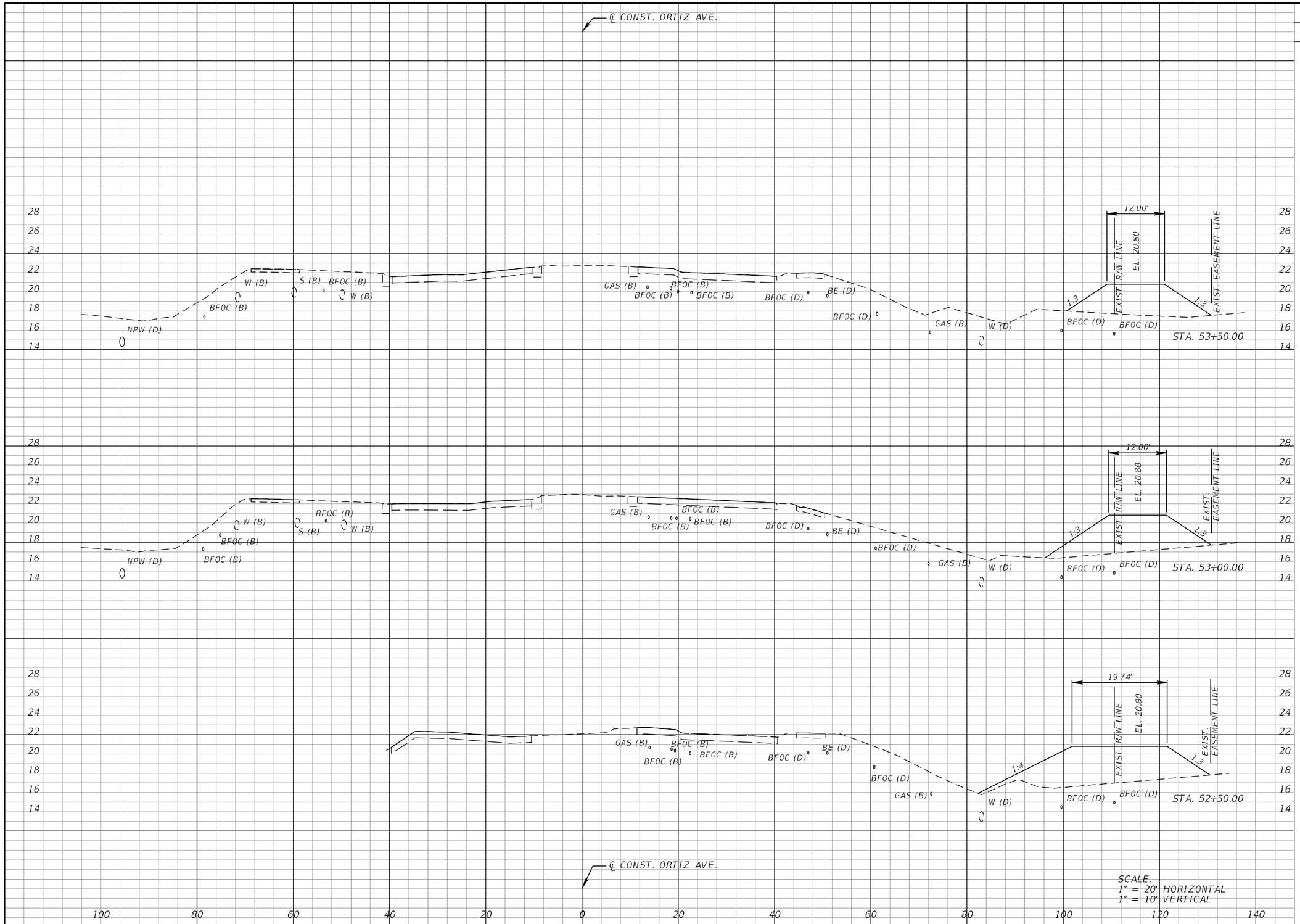
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (25)

SHEET NO. 109



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	67.9	144.9
0.0	0.0	88.6	196.1
0.0	0.0	123.2	138.0

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (26)

SHEET NO. 110

℄ CONST. ORTIZ AVE.

END HANSON STREET
ROADWAY EXCEPTION
BEGIN RECONSTRUCTION
BEGIN EARTHWORK
STA. 55+35.10

STA. 55+00.00

NPW (D) BFOC (B) W (B) S (B) BFOC (B) W (B) GAS (B) BFOC (B) BFOC (B) BFOC (B) BFOC (D) BFOC (D) GAS (B) W (D) BFOC (D) BFOC (D) 15.21' EXIST. R/W LINE EL. 20.80 1:3 EXIST. EASEMENT LINE

STA. 54+50.00

NPW (D) BFOC (B) W (B) S (B) BFOC (B) W (B) GAS (B) BFOC (B) BFOC (B) BFOC (B) BFOC (D) BE (D) BFOC (D) GAS (B) W (D) BFOC (D) BFOC (D) 14.73' EXIST. R/W LINE EL. 20.80 1:3 EXIST. EASEMENT LINE

STA. 54+00.00

NPW (D) BFOC (B) W (B) S (B) BFOC (B) W (B) GAS (B) BFOC (B) BFOC (B) BFOC (B) BFOC (D) BE (D) BFOC (D) GAS (B) W (D) BFOC (D) BFOC (D) 14.29' EXIST. R/W LINE EL. 20.80 1:3 EXIST. EASEMENT LINE

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	27.7	52.1
0.0	0.0	28.6	54.4
0.0	0.0	30.2	90.8

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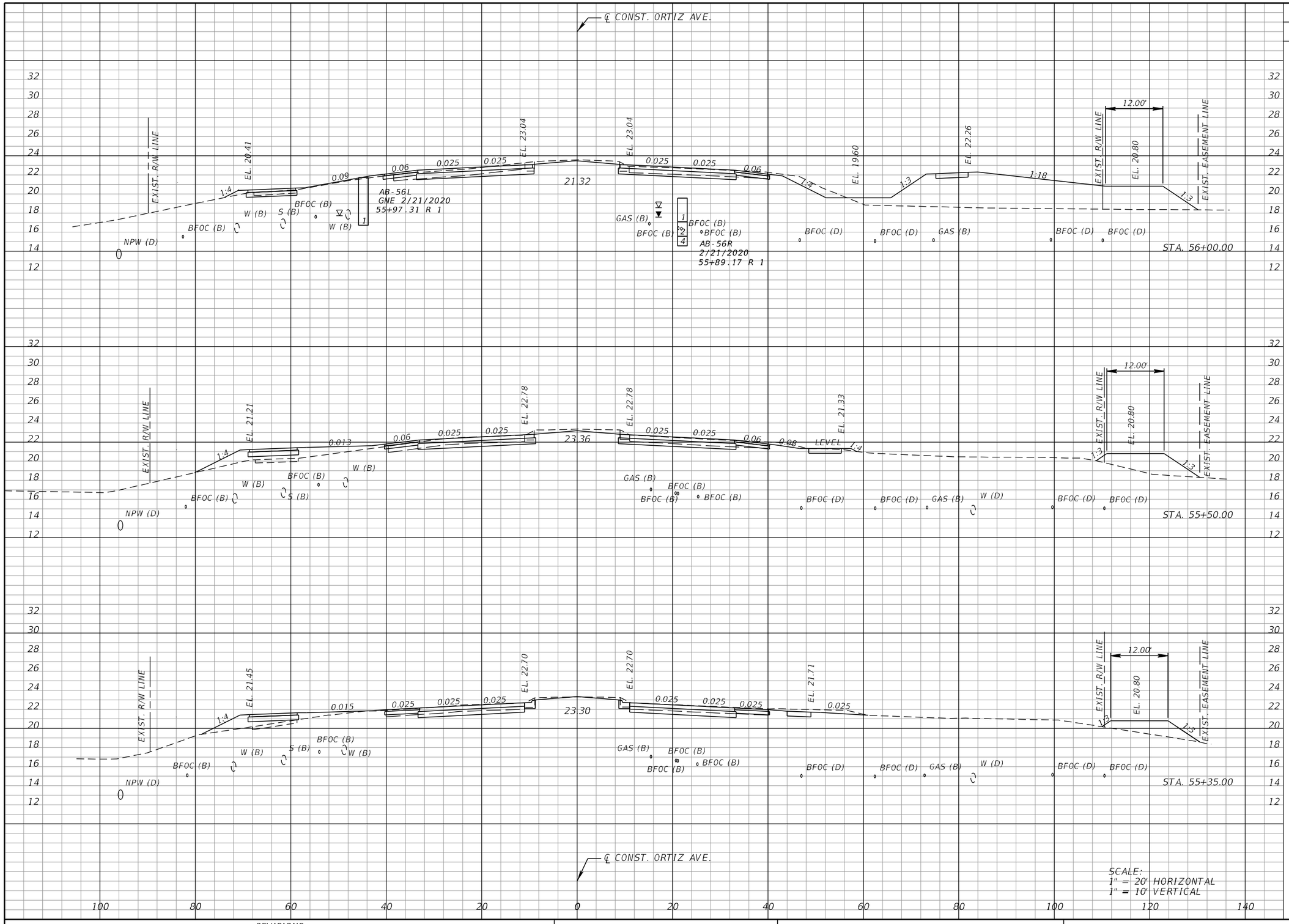
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (27)

SHEET NO. 111



Regular Exc.		Embankment	
A	V	A	V
70.7	124.7	180.9	216.2
65.0	36.6	54.3	25.3
67.3	43.6	37.0	41.9

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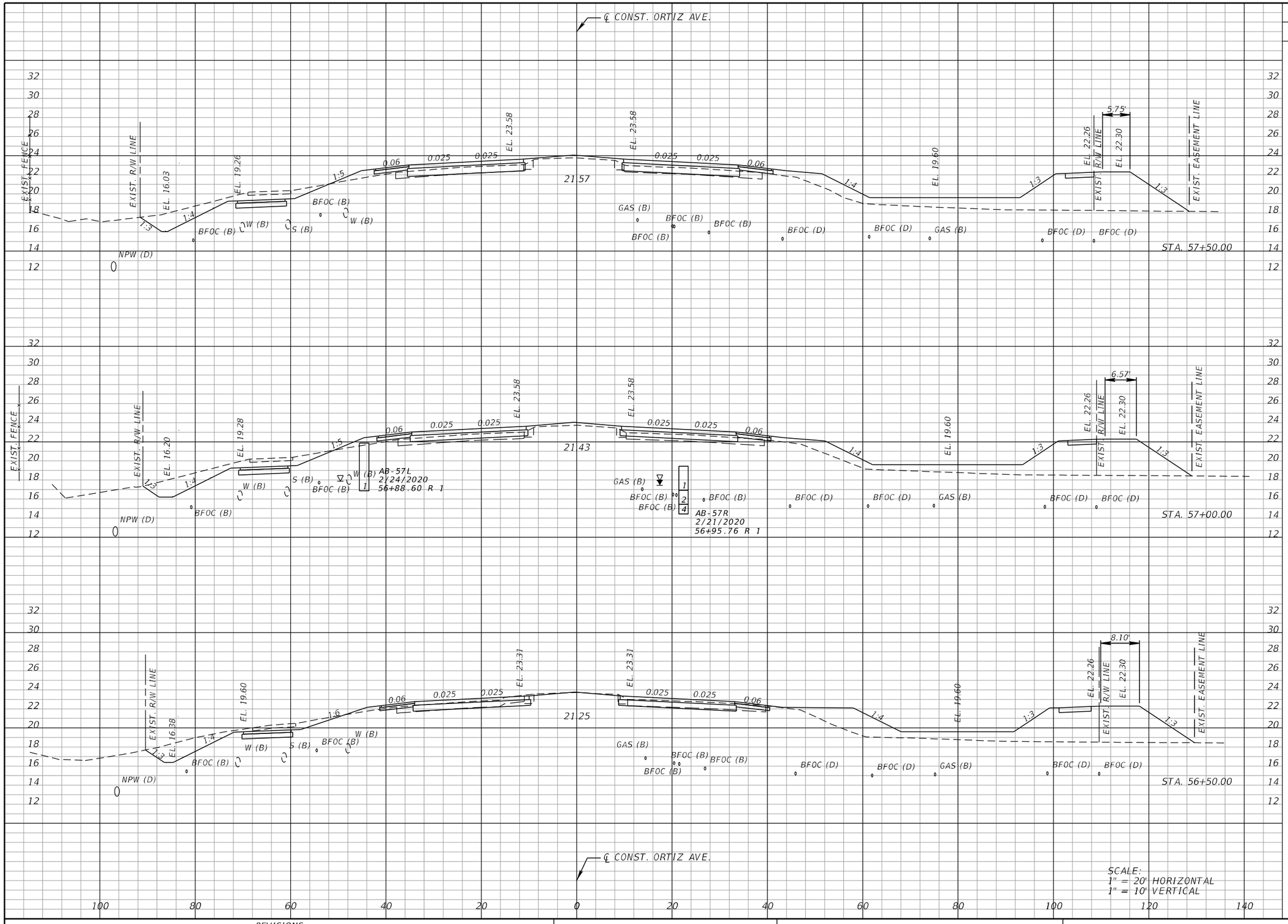
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LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (28)

SHEET NO. 112



Regular Exc.		Embankment	
A	V	A	V
73.2	127.9	166.9	292.3
66.0	136.5	151.3	287.7
82.6	140.6	162.0	314.4

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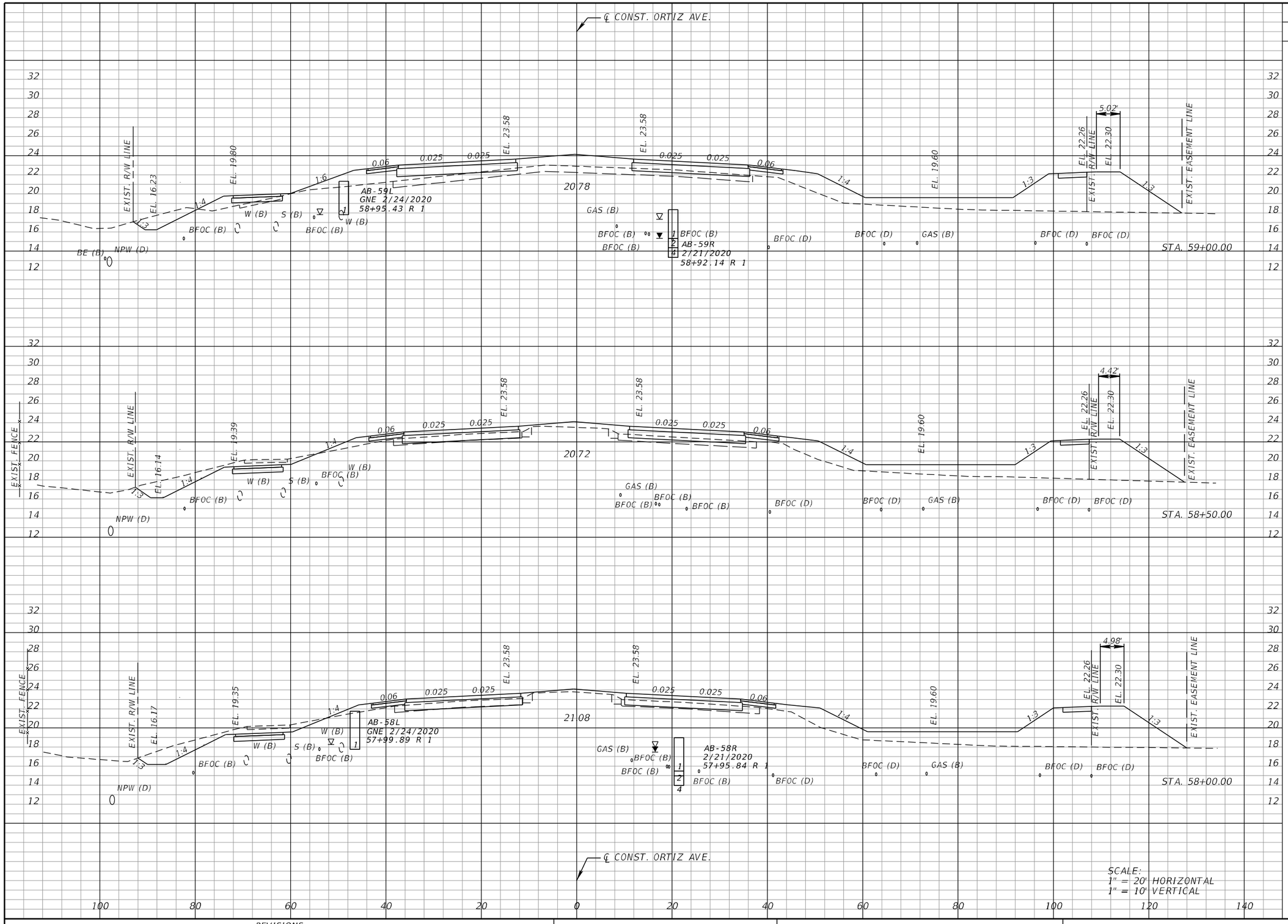
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (29)

SHEET NO. 113



Regular Exc.		Embankment	
A	V	A	V
21.5	74.6	227.2	377.5
59.8	118.2	184.0	340.0
68.9	130.5	186.3	324.3

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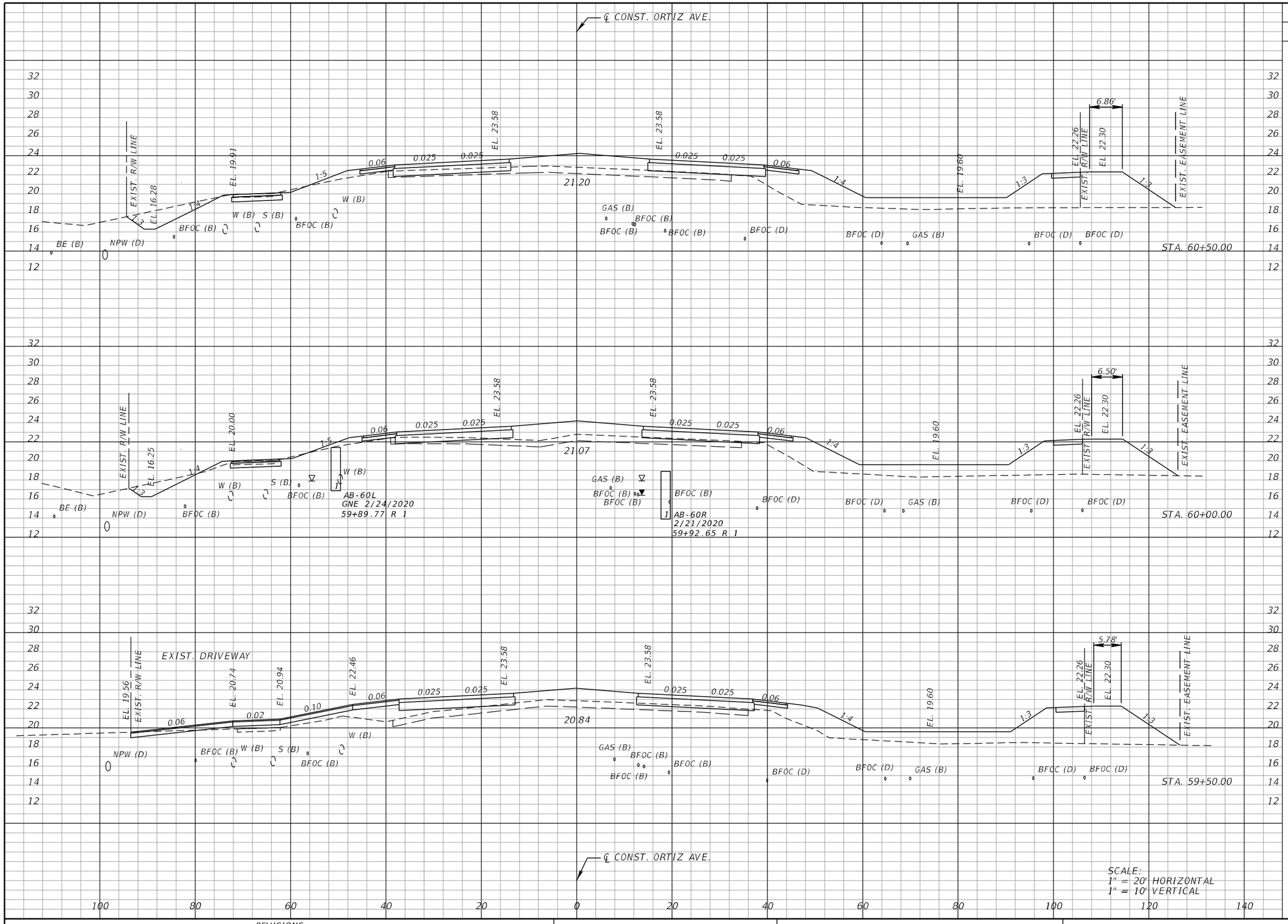
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LEE COUNTY
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (30)

SHEET NO. 114



Regular Exc.		Embankment	
A	V	A	V
41.9	65.0	226.3	409.2
28.9	35.3	219.4	410.8
9.6	28.5	228.4	418.0

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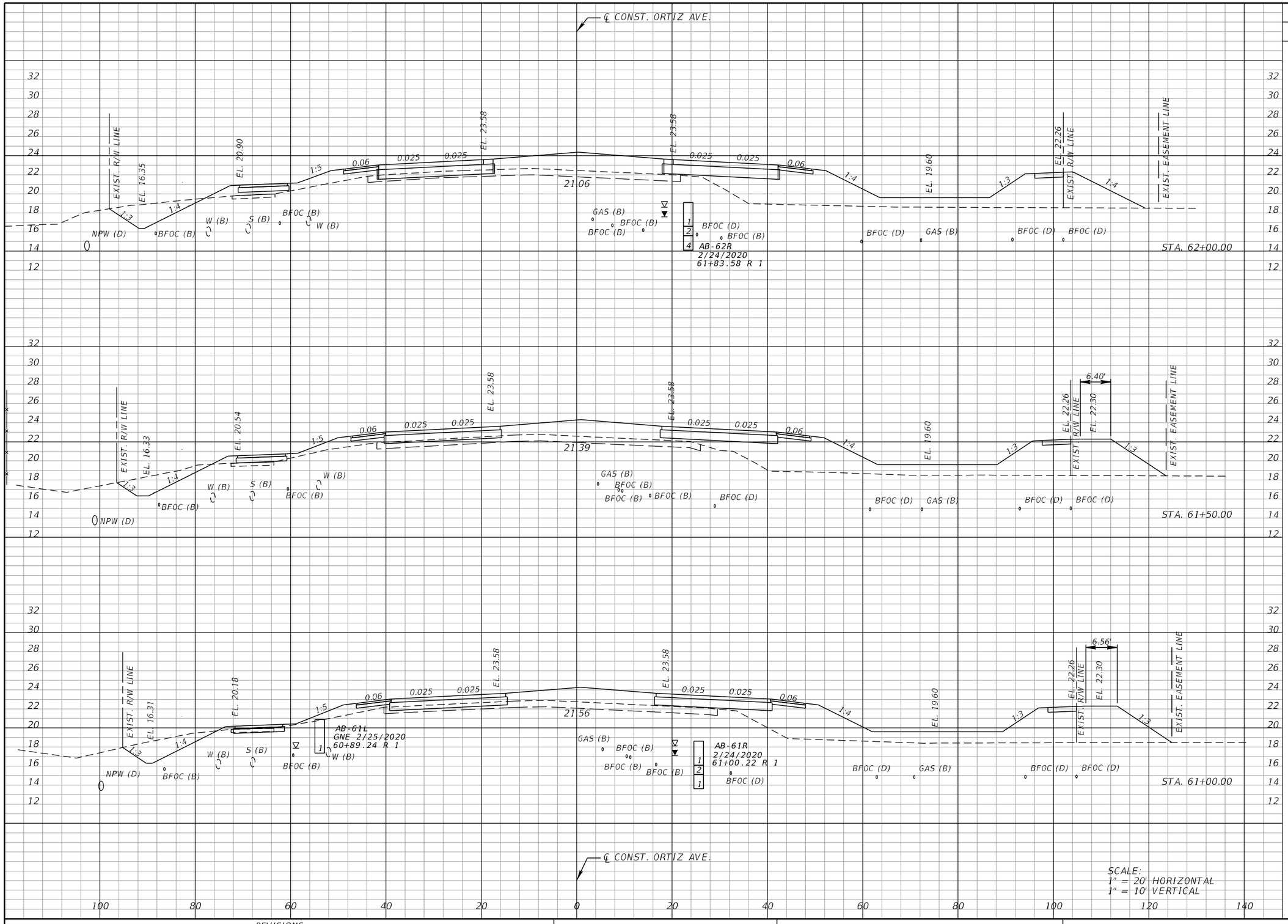
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LEE COUNTY
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (31)

SHEET NO. 115



Regular Exc.		Embankment	
A	V	A	V
38.0	60.1	275.5	512.5
27.0	60.4	278.6	488.3
38.7	74.1	252.7	440.1

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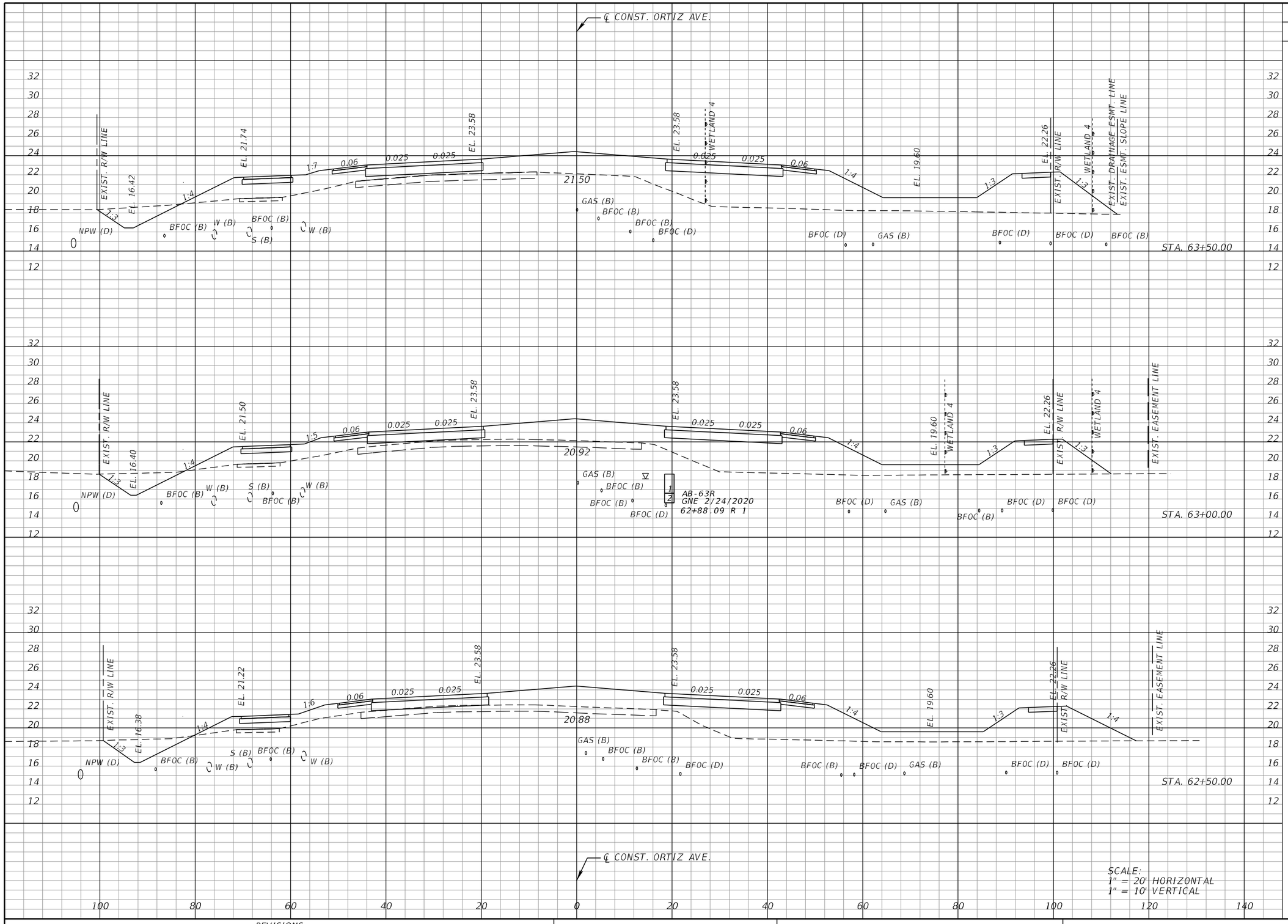
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LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (32)

SHEET NO. 116



	Regular Exc.		Embankment	
	A	V	A	V
STA. 63+50.00	20.6	39.1	405.0	700.5
STA. 63+00.00	21.4	42.9	348.4	618.2
STA. 62+50.00	24.7	58.4	316.3	550.8

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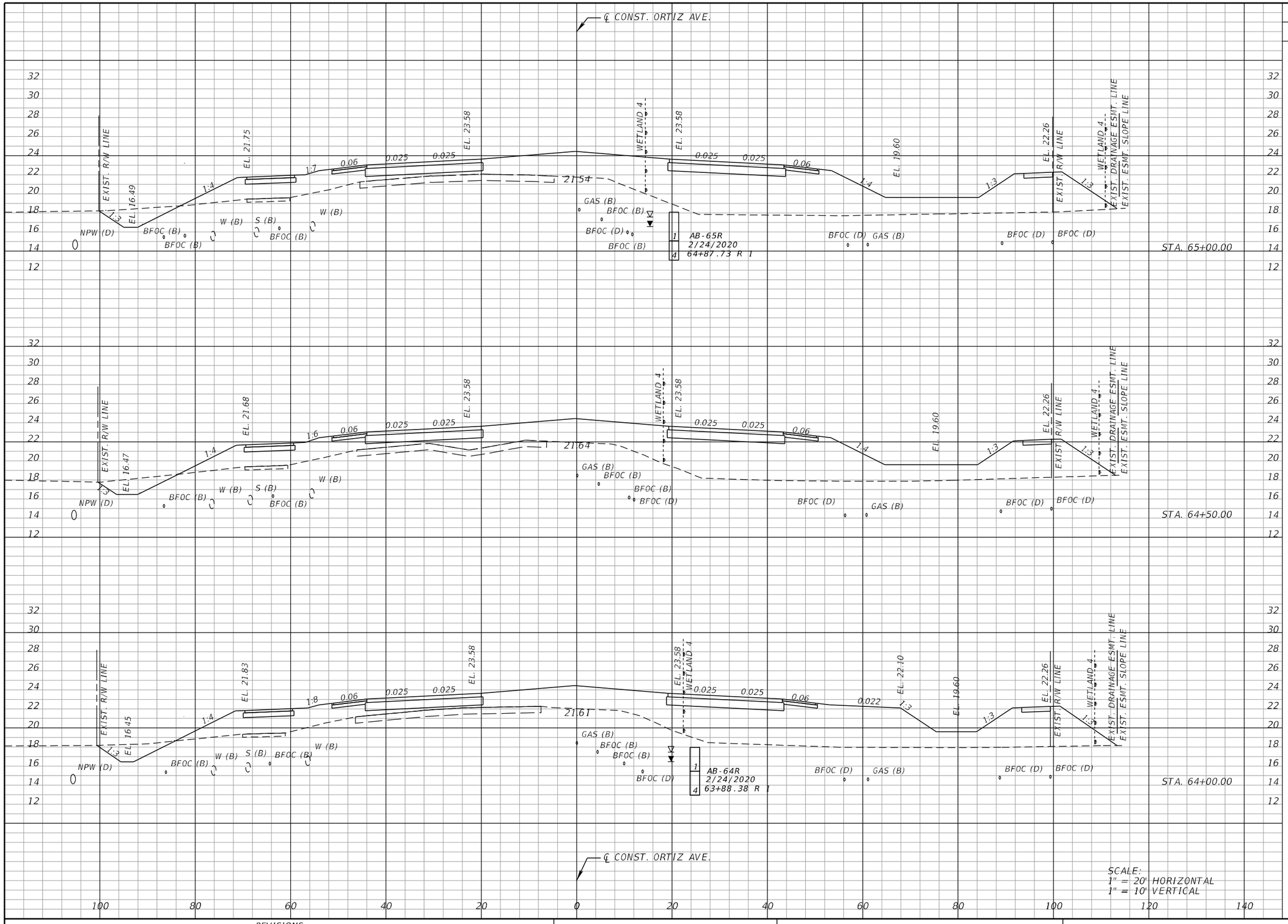
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P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (33)

SHEET NO. 117



Regular Exc.		Embankment	
A	V	A	V
19.1	33.6	475.8	868.4
17.0	31.6	458.2	862.9
17.0	35.0	469.7	813.5

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

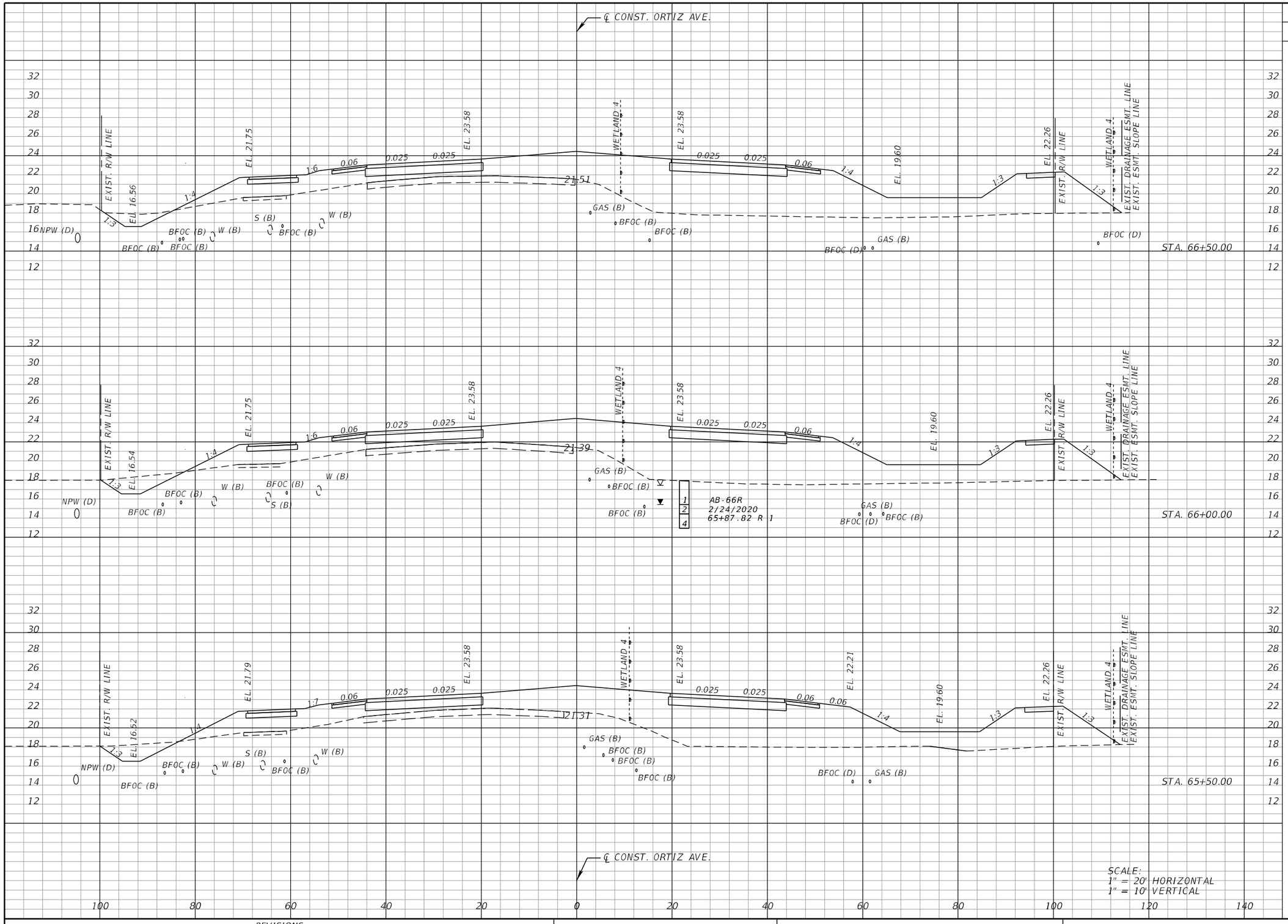
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (34)

SHEET NO. 118



Regular Exc.		Embankment	
A	V	A	V
11.6	28.2	522.2	967.4
18.7	33.5	517.8	930.3
17.3	33.9	482.4	891.1

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

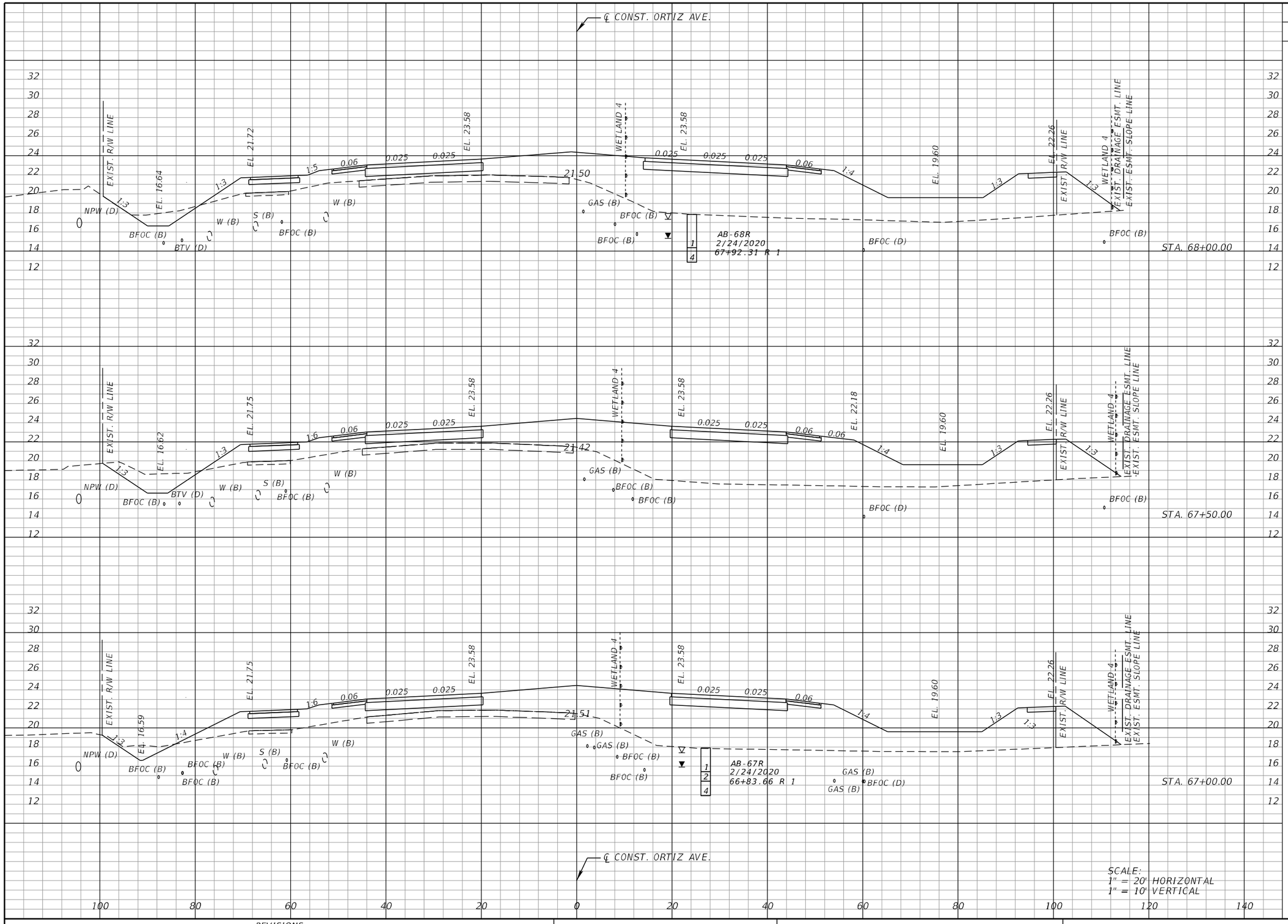
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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (35)

SHEET NO. 119



Regular Exc.		Embankment	
A	V	A	V
12.0	36.3	509.8	967.6
27.0	34.2	529.7	975.2
9.8	19.9	518.5	968.2

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

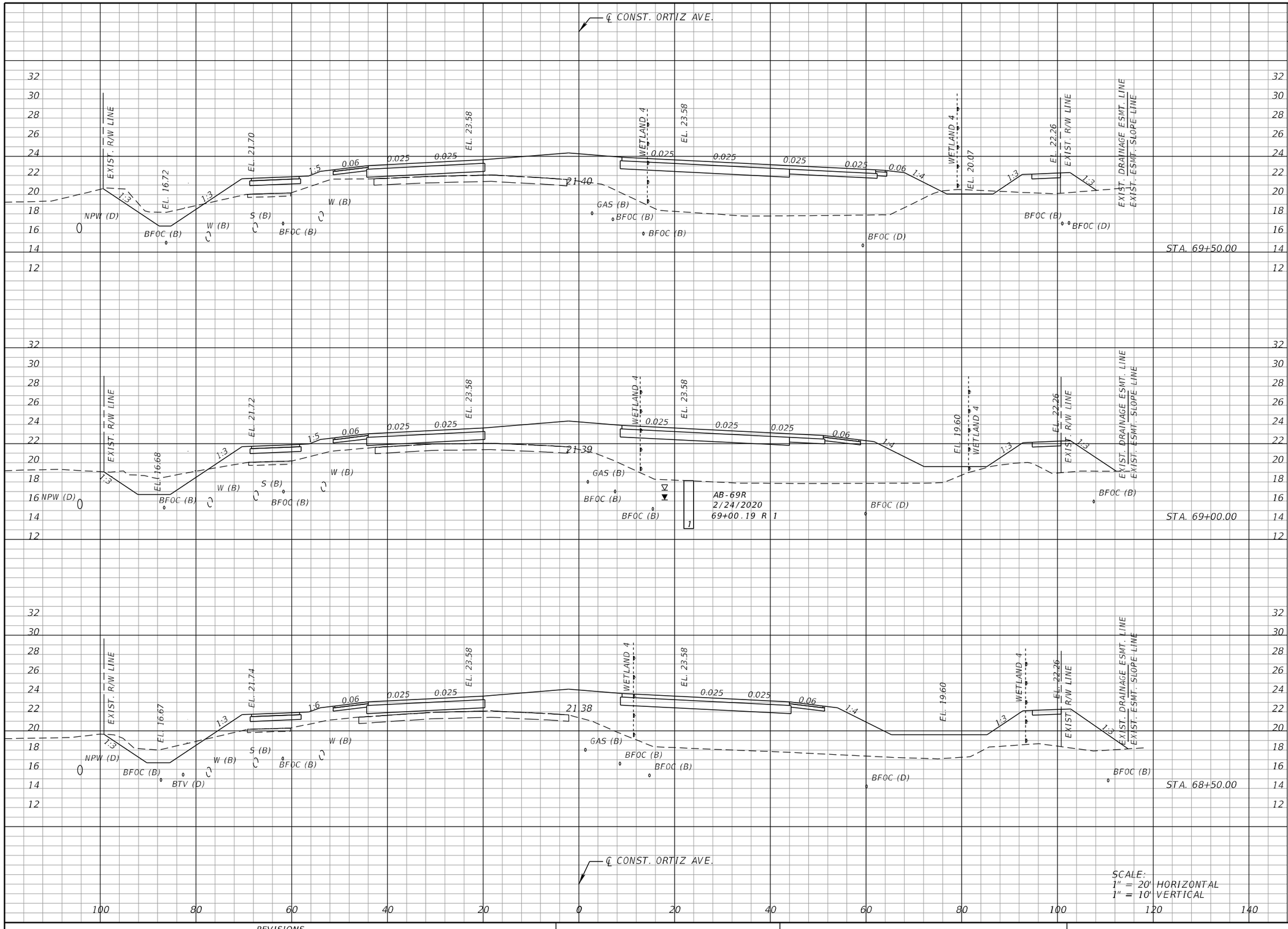
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Fort Myers, Florida 33912
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P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (36)

SHEET NO. 120



	Regular Exc.		Embankment	
	A	V	A	V
STA. 69+50.00	23.9	48.1	391.4	757.5
STA. 69+00.00	28.0	44.0	426.7	829.6
STA. 68+50.00	19.5	29.3	468.0	910.4

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

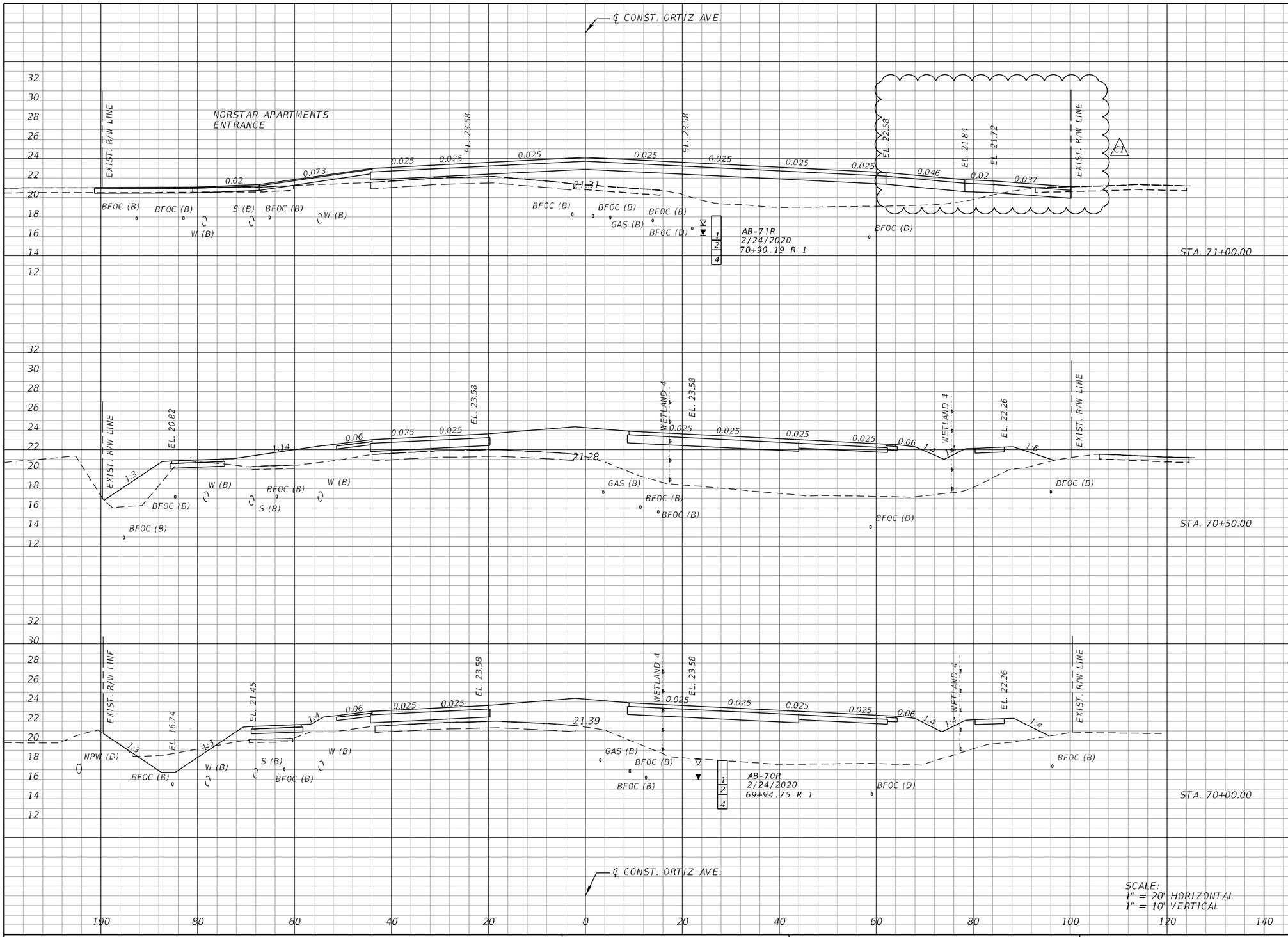
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (37)

SHEET NO. 121



	Regular Exc.		Embankment	
	A	V	A	V
STA. 71+00.00	29.5		208.6	
	~~18.8~~	32.2	~~226.5~~	649.2
		~~22.3~~		~~665.6~~
STA. 70+50.00	5.3		492.4	
		21.2		852.5
STA. 70+00.00	17.6		428.3	
		38.4		759.0

C1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 DRIVEWAY DESIGN & EARTHWORK UPDATE		

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

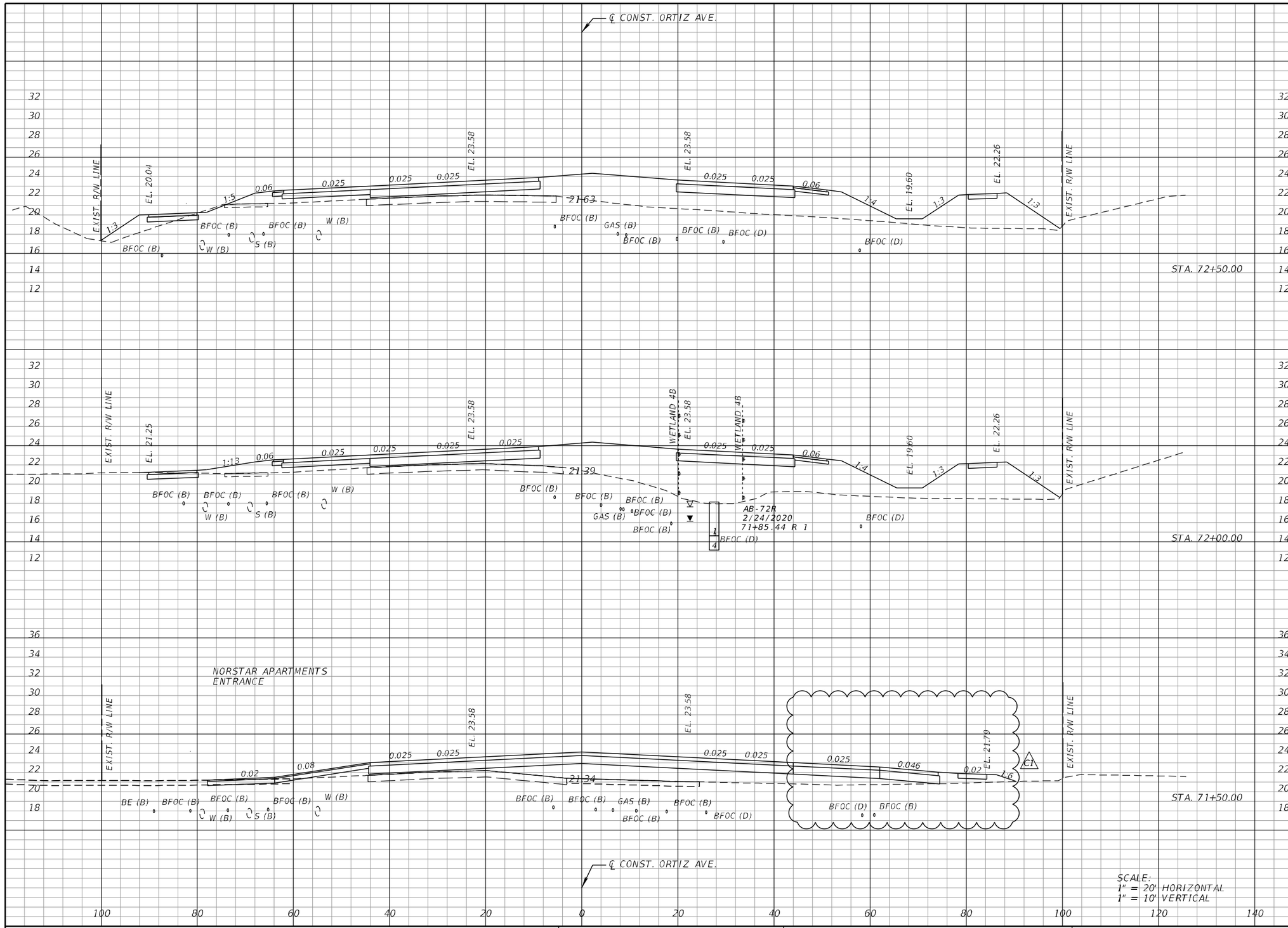
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (38)

SHEET NO. 122

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Regular Exc.		Embankment	
A	V	A	V
2.7		280.1	
	8.1		587.9
6.1		354.8	434.4
	13.2		~~454.7~~ C1
		114.4	
8.2		34.9	~~136.3~~ 299.1
		~~25.0~~	~~335.9~~ C1

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 DRIVEWAY DESIGN & EARTHWORK UPDATE		

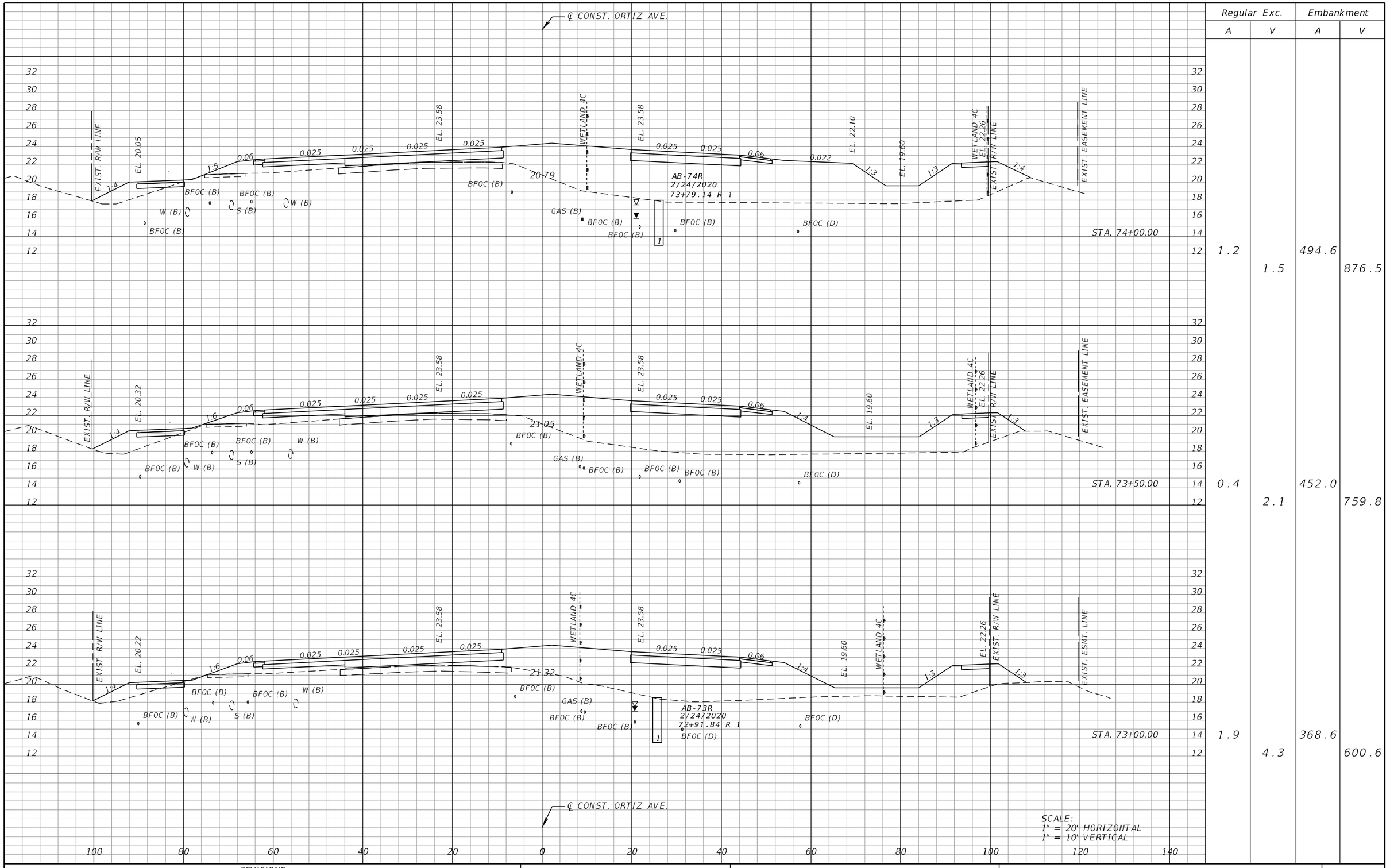
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Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (39)

SHEET NO. 123



Regular Exc.		Embankment	
A	V	A	V
1.2		494.6	
	1.5		876.5
0.4		452.0	
	2.1		759.8
1.9		368.6	
	4.3		600.6

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

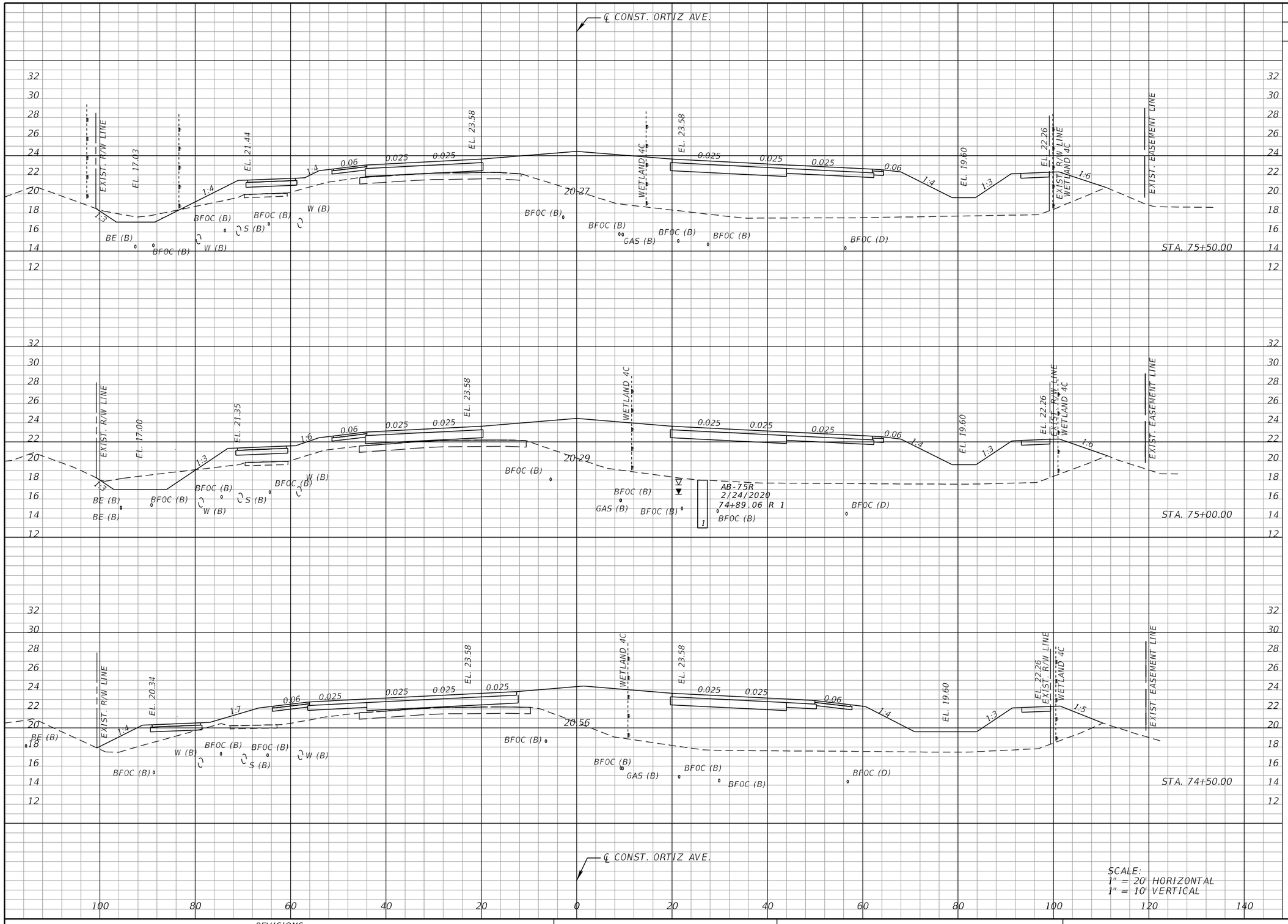
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (40)

SHEET NO. 124



Regular Exc.		Embankment	
A	V	A	V
9.2	28.9	526.5	972.4
22.0	20.4	523.7	965.3
0.0	1.1	518.8	938.3

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

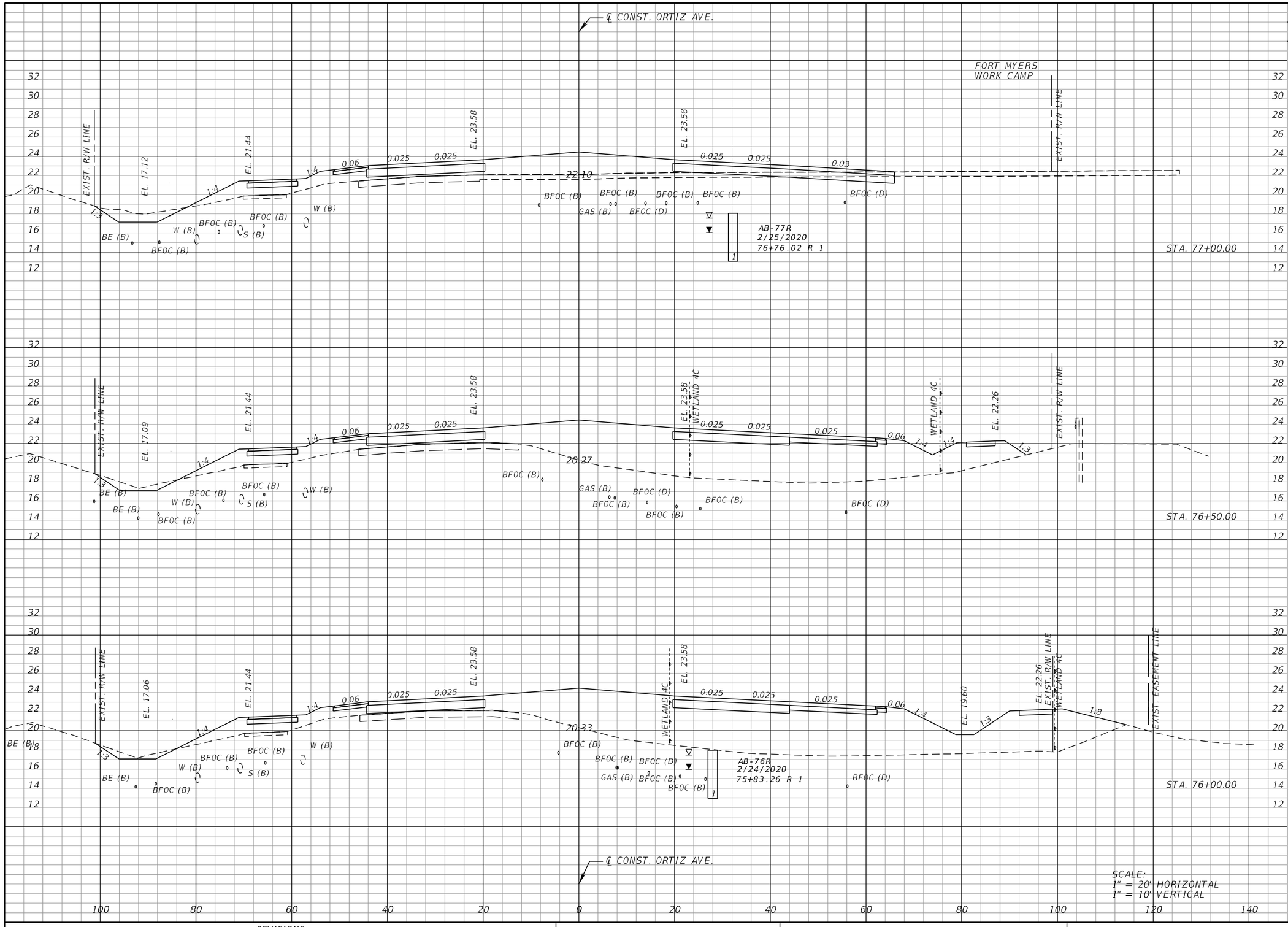
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (41)

SHEET NO. 125



	Regular Exc.		Embankment	
	A	V	A	V
STA. 77+00.00	37.8	42.1	119.7	517.0
STA. 76+50.00	7.7	12.8	438.7	907.9
STA. 76+00.00	6.1	14.2	541.8	989.2

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

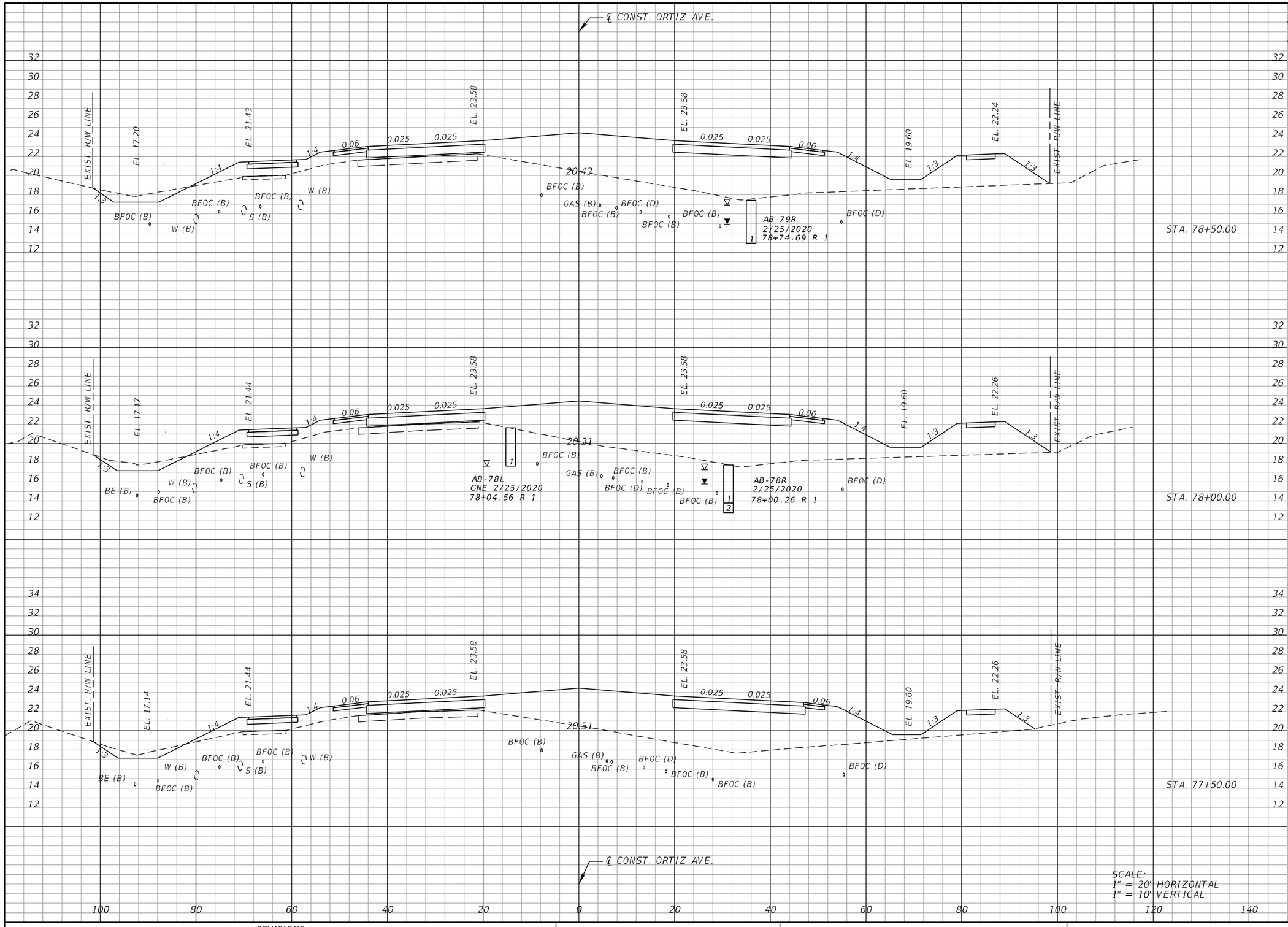
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (42)

SHEET NO. 126



Regular Exc.		Embankment	
A	V	A	V
13.3	23.1	421.4	768.5
11.6	19.4	408.6	735.8
9.4	43.7	386.1	468.3

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REVISIONS			
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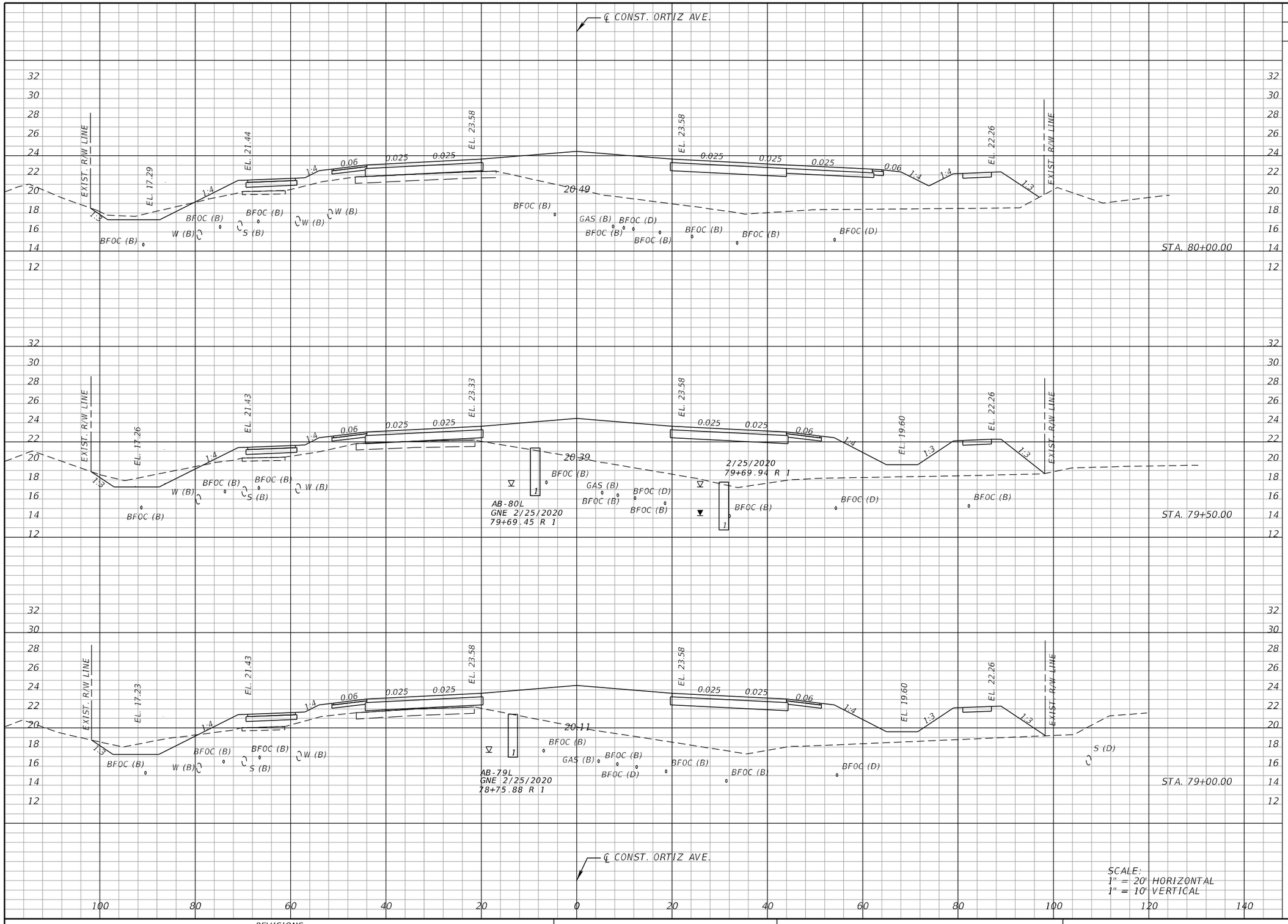
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Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (43)

SHEET NO. 127



Regular Exc.		Embankment	
A	V	A	V
10.0	25.9	428.6	793.3
18.0	34.3	428.2	795.6
19.0	29.9	431.0	789.3

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

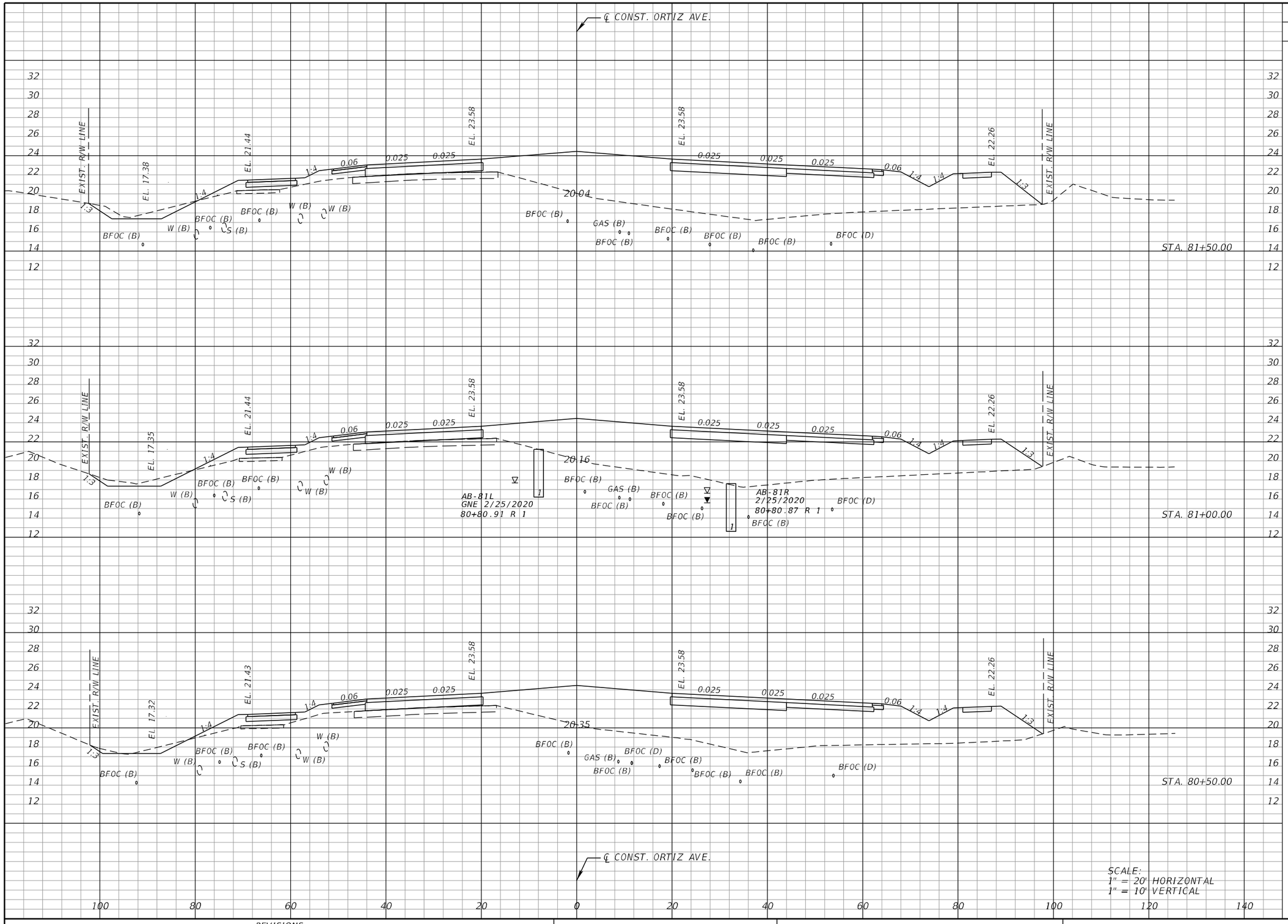
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (44)

SHEET NO. 128



Regular Exc.		Embankment	
A	V	A	V
11.8	20.2	459.2	838.1
10.0	14.7	445.9	820.0
5.9	14.7	439.7	804.0

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

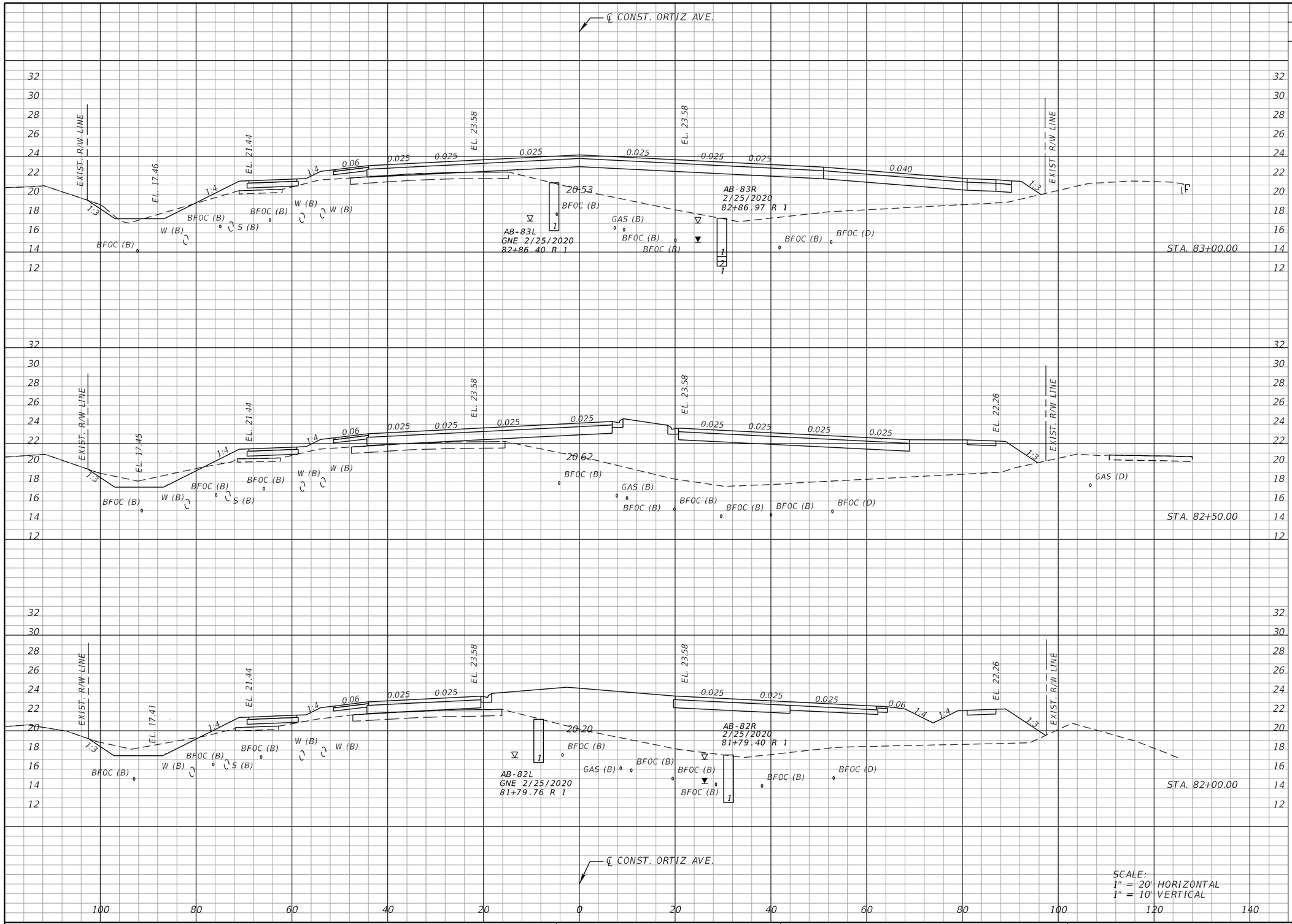
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (45)

SHEET NO. 129



Regular Exc.		Embankment	
A	V	A	V
6.5	21.9	332.1	671.7
17.2	31.9	393.3	787.3
17.2	26.9	457.0	848.3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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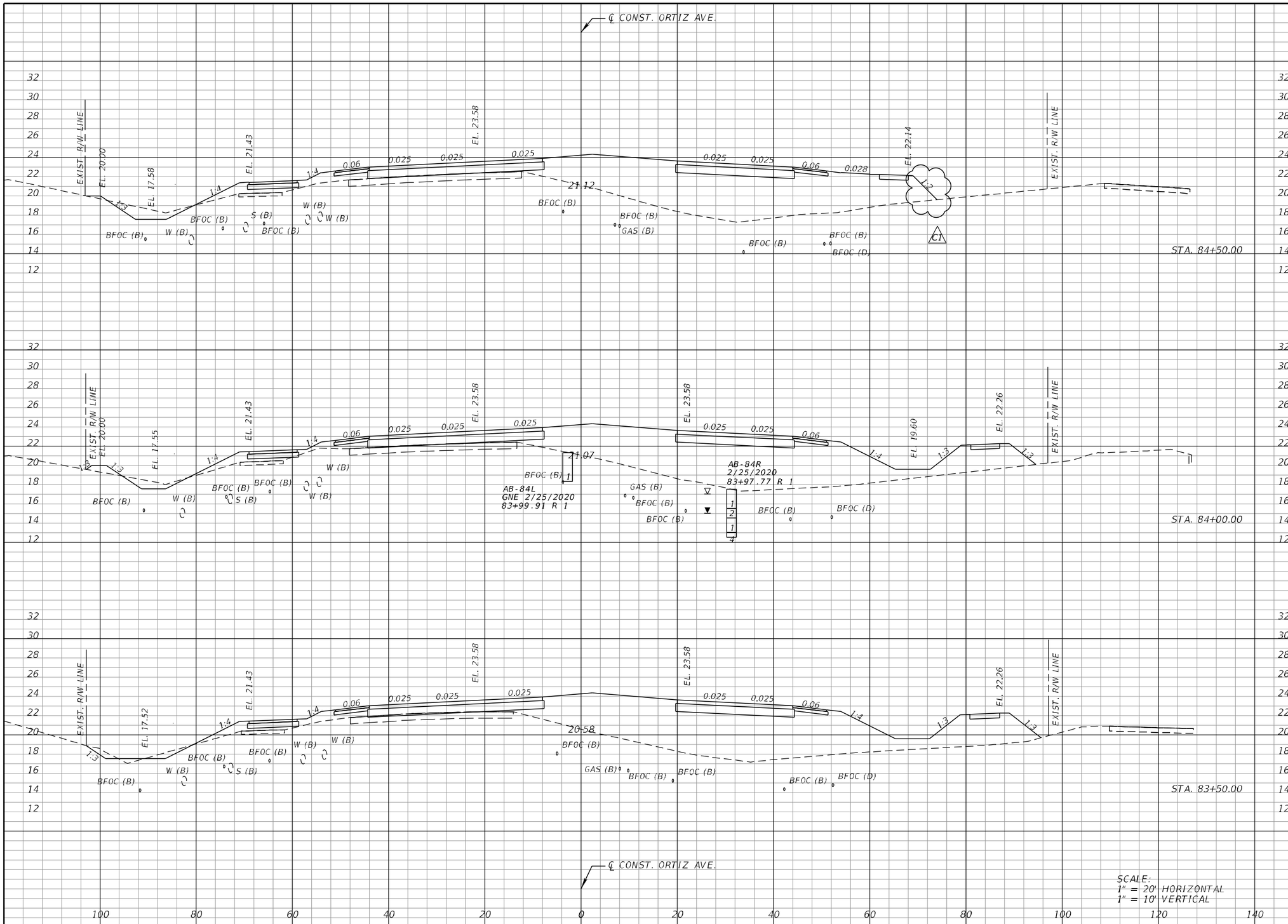
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (46)

SHEET NO. 130

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Regular Exc.		Embankment	
A	V	A	V
12.9	19.1	331.1 ~~339.0~~	640.6 ~~648.0~~
7.7	14.8	360.8	695.3
8.3	13.7	390.1	668.7

C1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 SLOPE & EARTHWORK UPDATE		

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Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

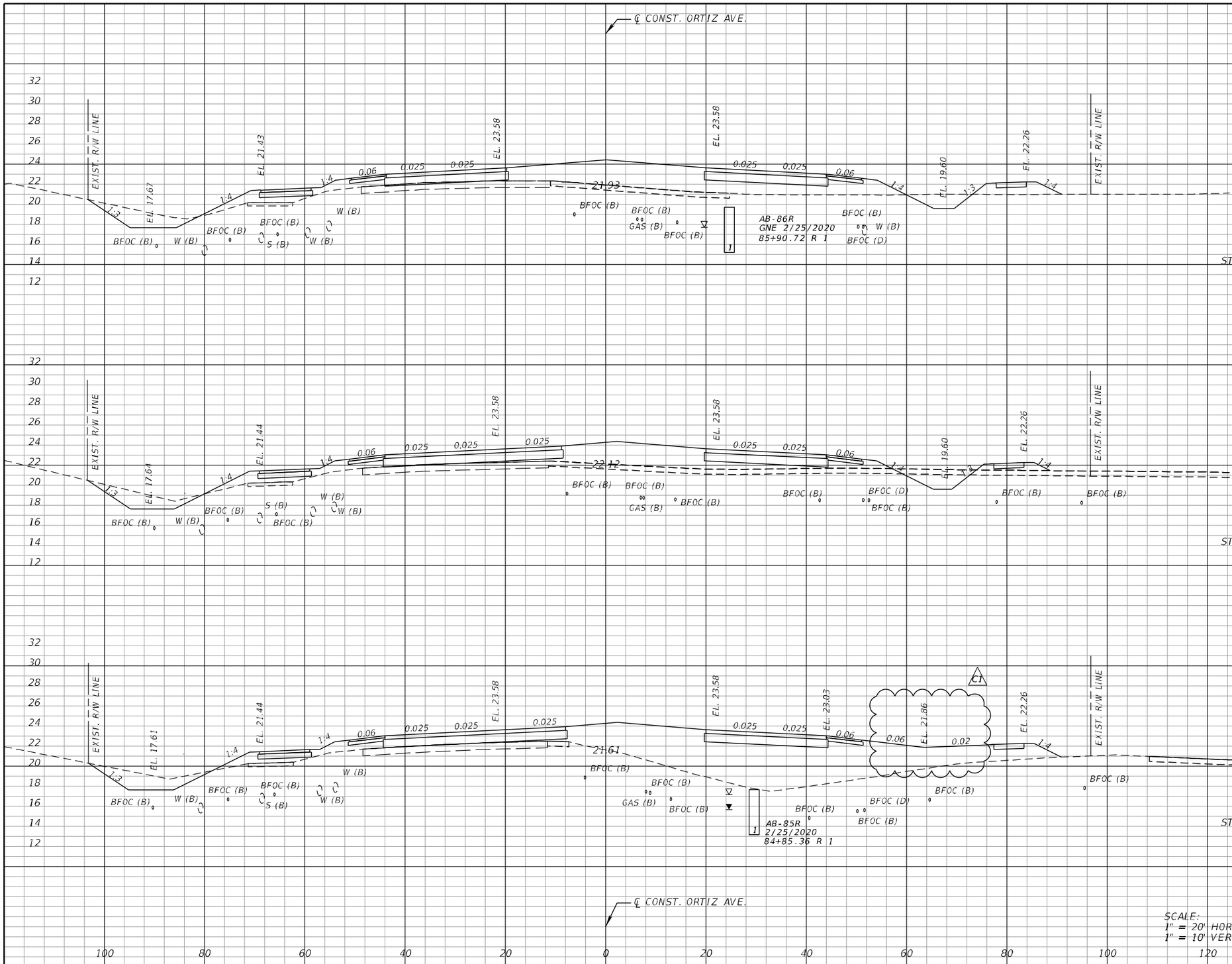
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (47)

SHEET NO. 131

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Regular Exc.		Embankment	
A	V	A	V
37.1		167.0	
	73.3		256.0
42.1	63.0	109.5	392.5
	~~64.8~~		~~368.0~~
	C1		C1
25.9		314.4	
~~27.9~~	35.9	~~287.9~~	597.7
	~~37.8~~		~~580.5~~
			C1

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 SLOPE & EARTHWORK UPDATE		

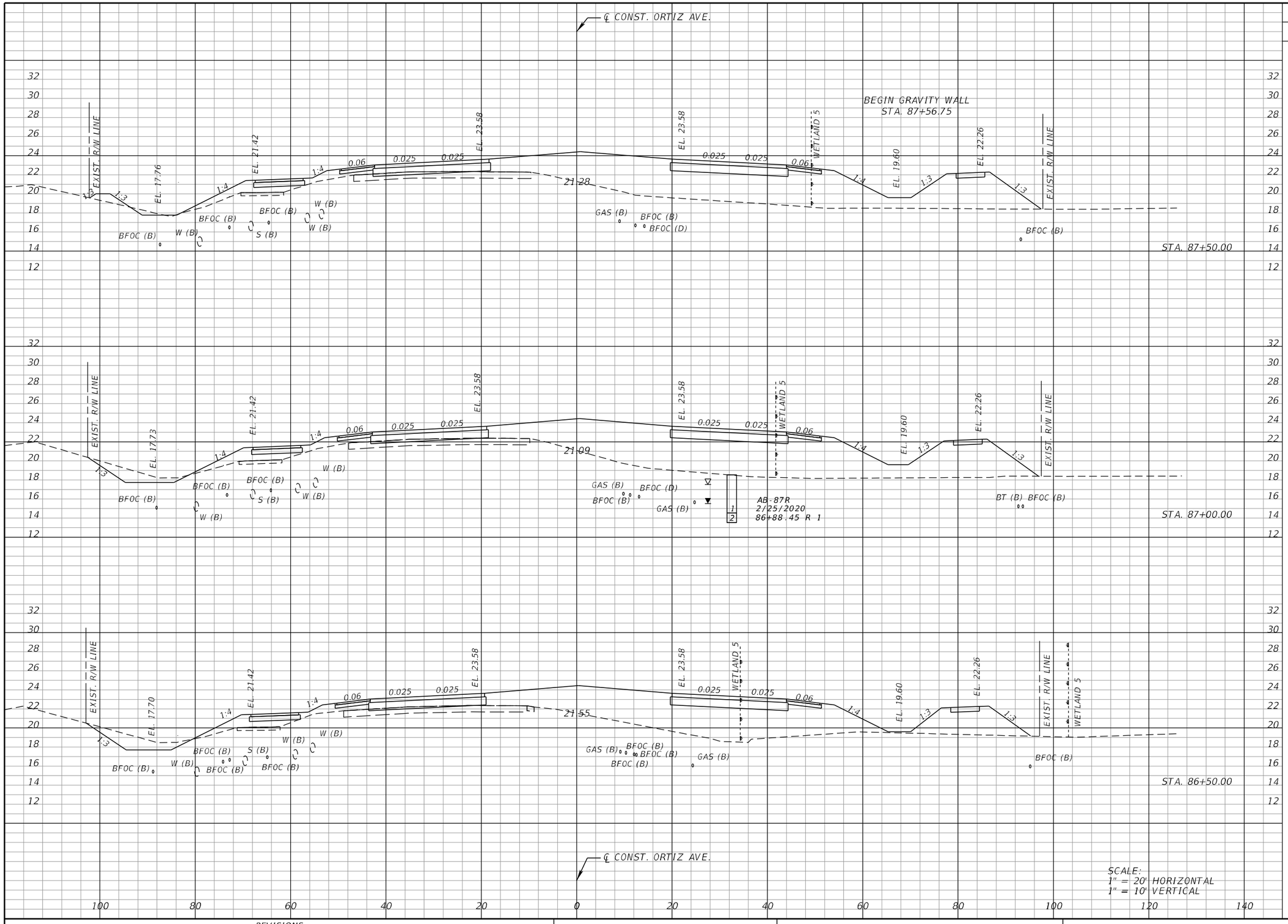
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (48)

SHEET NO. 132



Regular Exc.		Embankment	
A	V	A	V
6.1	22.9	351.9	681.0
18.6	37.1	383.6	633.7
21.5	54.3	300.8	433.1

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

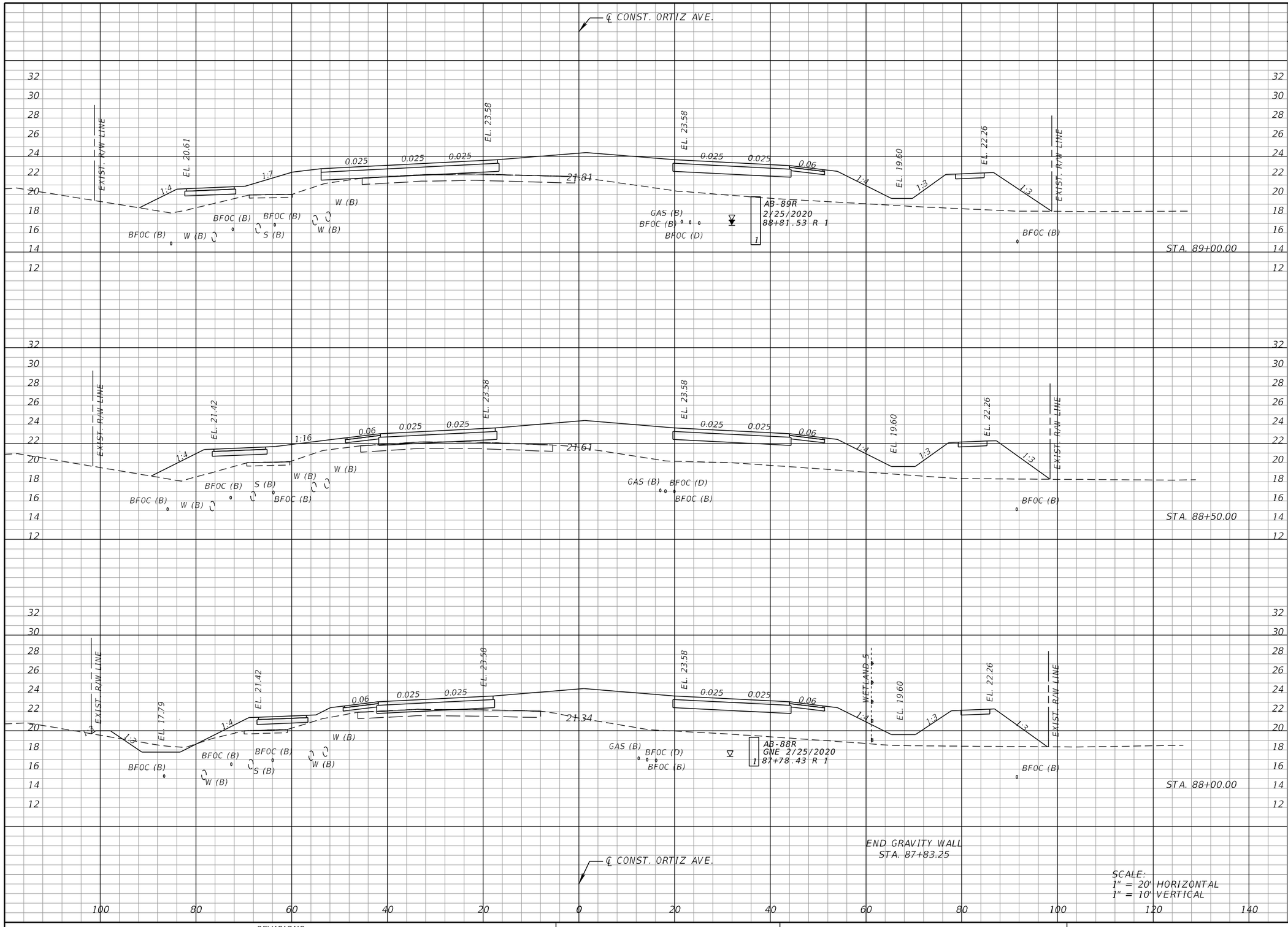
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (49)

SHEET NO. 133



Regular Exc.		Embankment	
A	V	A	V
0.4	1.5	332.2	628.0
1.2	11.4	346.0	624.8
11.1	15.9	328.8	630.3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. No.: 78492

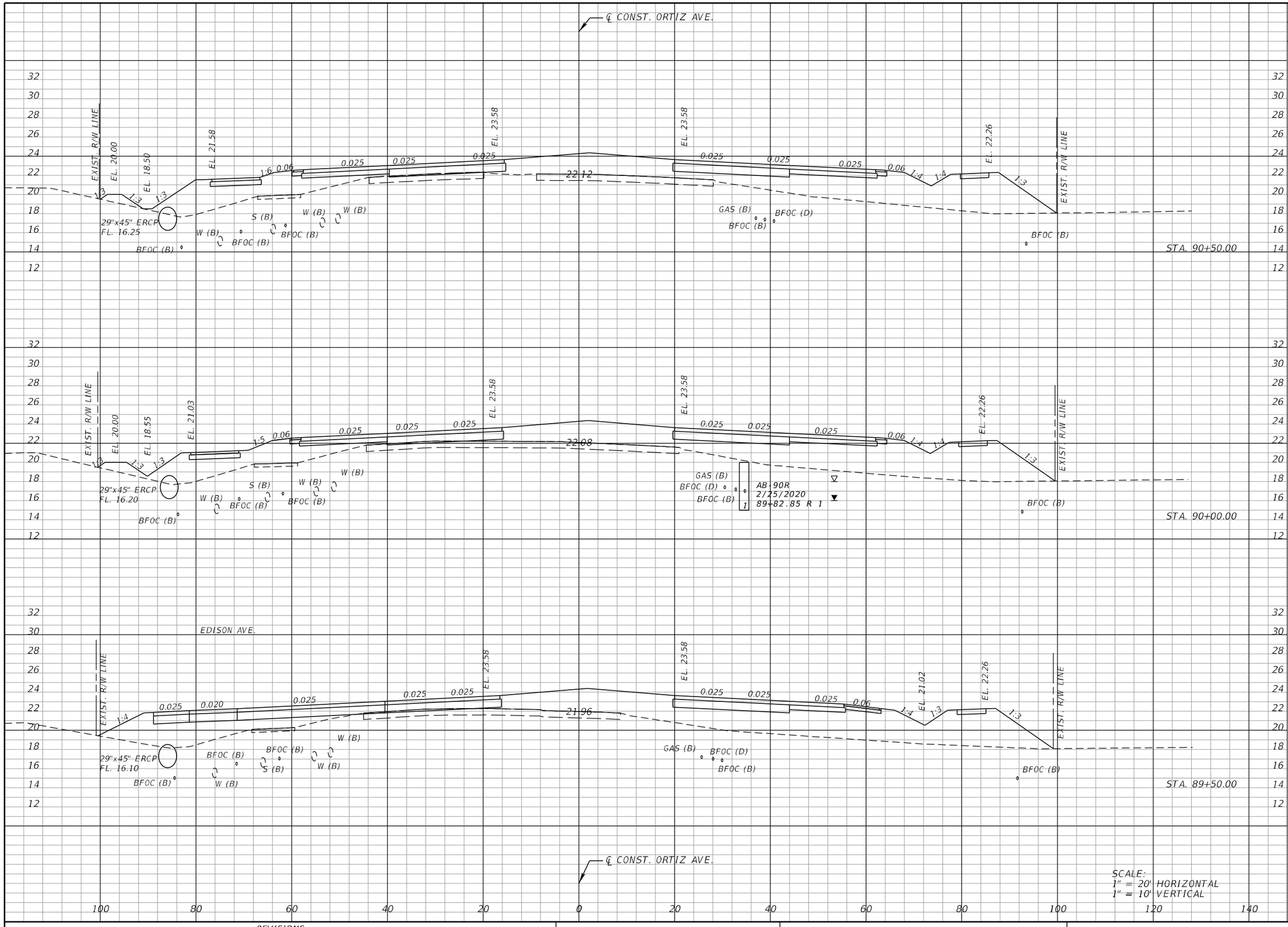
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (50)

SHEET NO. 134

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Regular Exc.		Embankment	
A	V	A	V
1.7	3.3	337.7	650.1
1.9	4.4	364.4	674.1
2.8	3.0	363.6	644.3

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

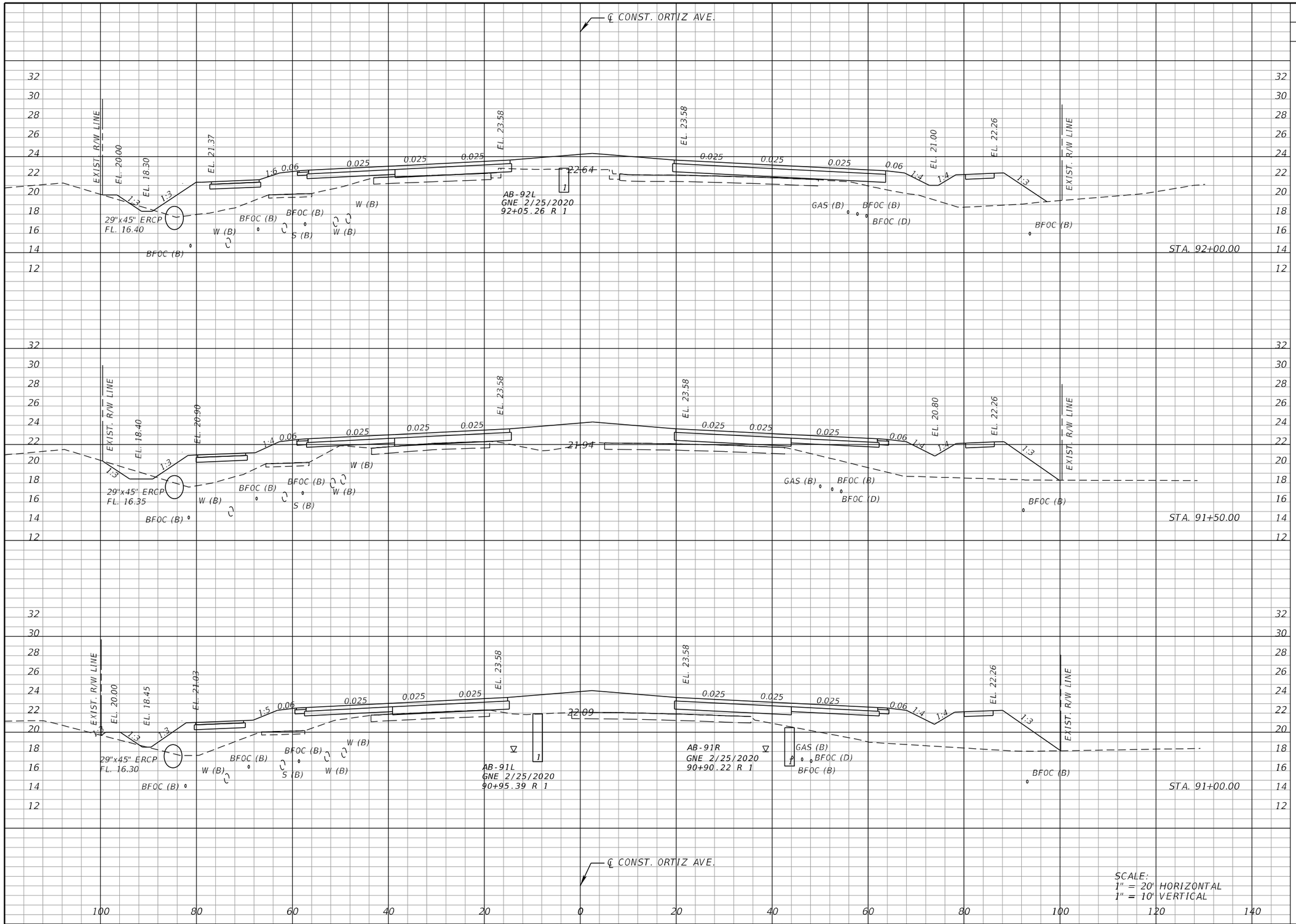
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (51)

SHEET NO. 135



	Regular Exc.		Embankment	
	A	V	A	V
STA. 92+00.00	2.8	9.2	220.2	465.7
STA. 91+50.00	7.1	7.6	282.8	553.0
STA. 91+00.00	1.1	2.6	316.0	605.3

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

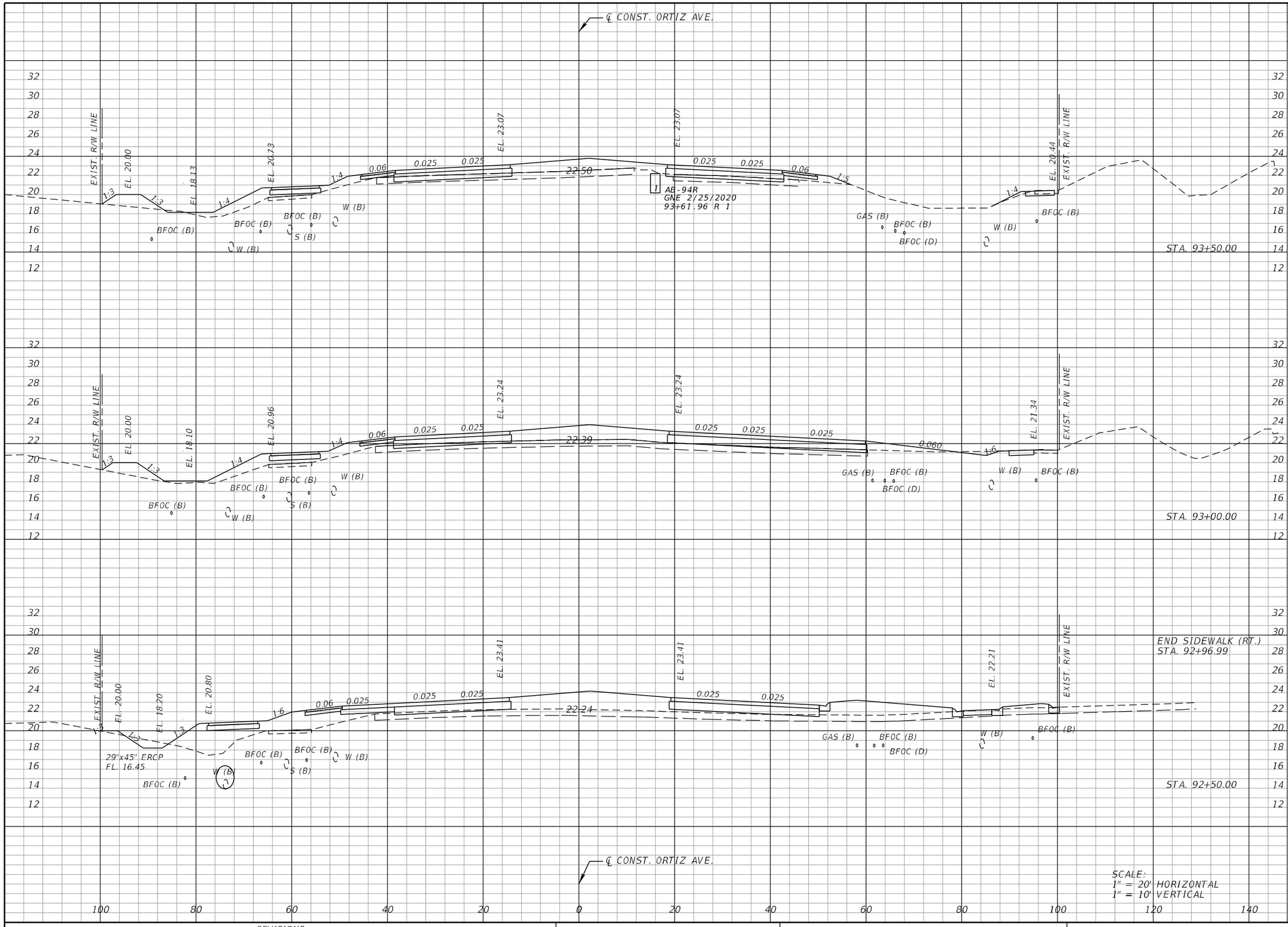
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (52)

SHEET NO. 136



	Regular Exc.		Embankment	
	A	V	A	V
STA. 93+50.00	22.2	35.6	72.6	152.1
STA. 93+00.00	16.2	30.0	91.7	225.5
STA. 92+50.00	16.2	17.6	151.8	344.4

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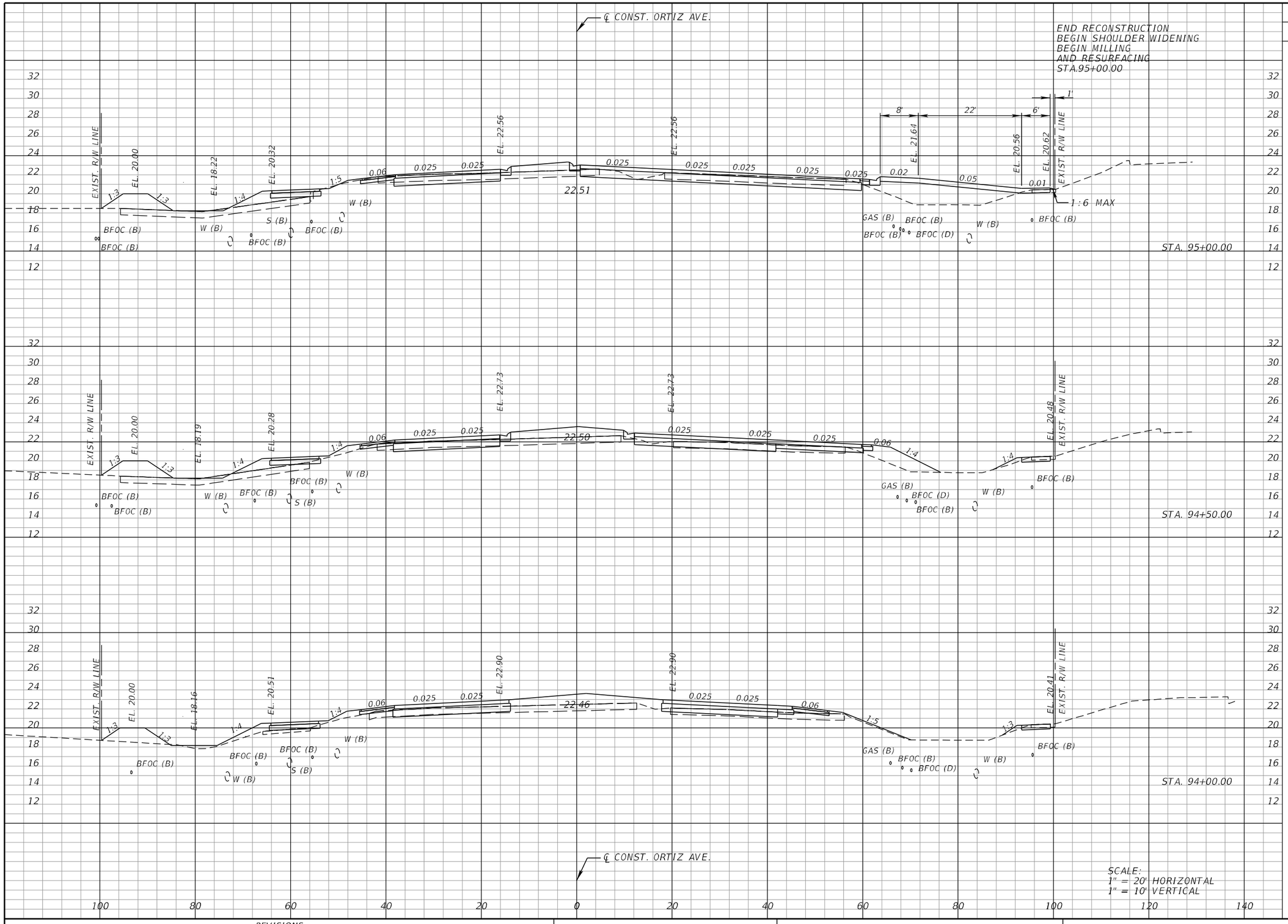
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (53)

SHEET NO. 137



	Regular Exc.		Embankment	
	A	V	A	V
STA. 95+00.00	79.4	120.3	82.0	138.8
STA. 94+50.00	50.5	77.9	67.9	116.7
STA. 94+00.00	33.6	51.7	58.1	121.0

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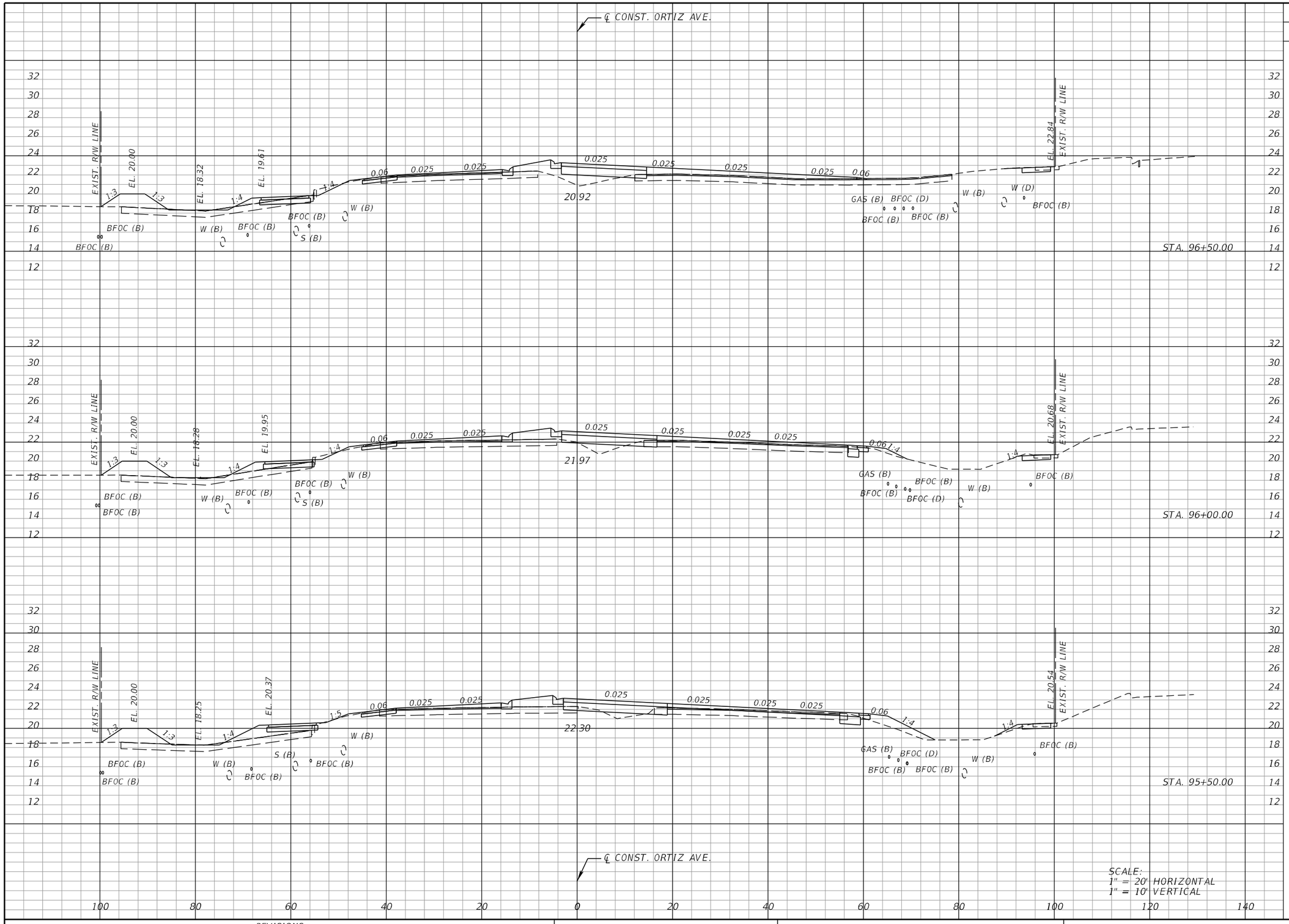
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (54)

SHEET NO. 138



Regular Exc.		Embankment	
A	V	A	V
17.1	33.2	33.4	64.0
18.8	33.9	35.7	76.8
17.8	90.0	47.2	119.6

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REVISIONS			
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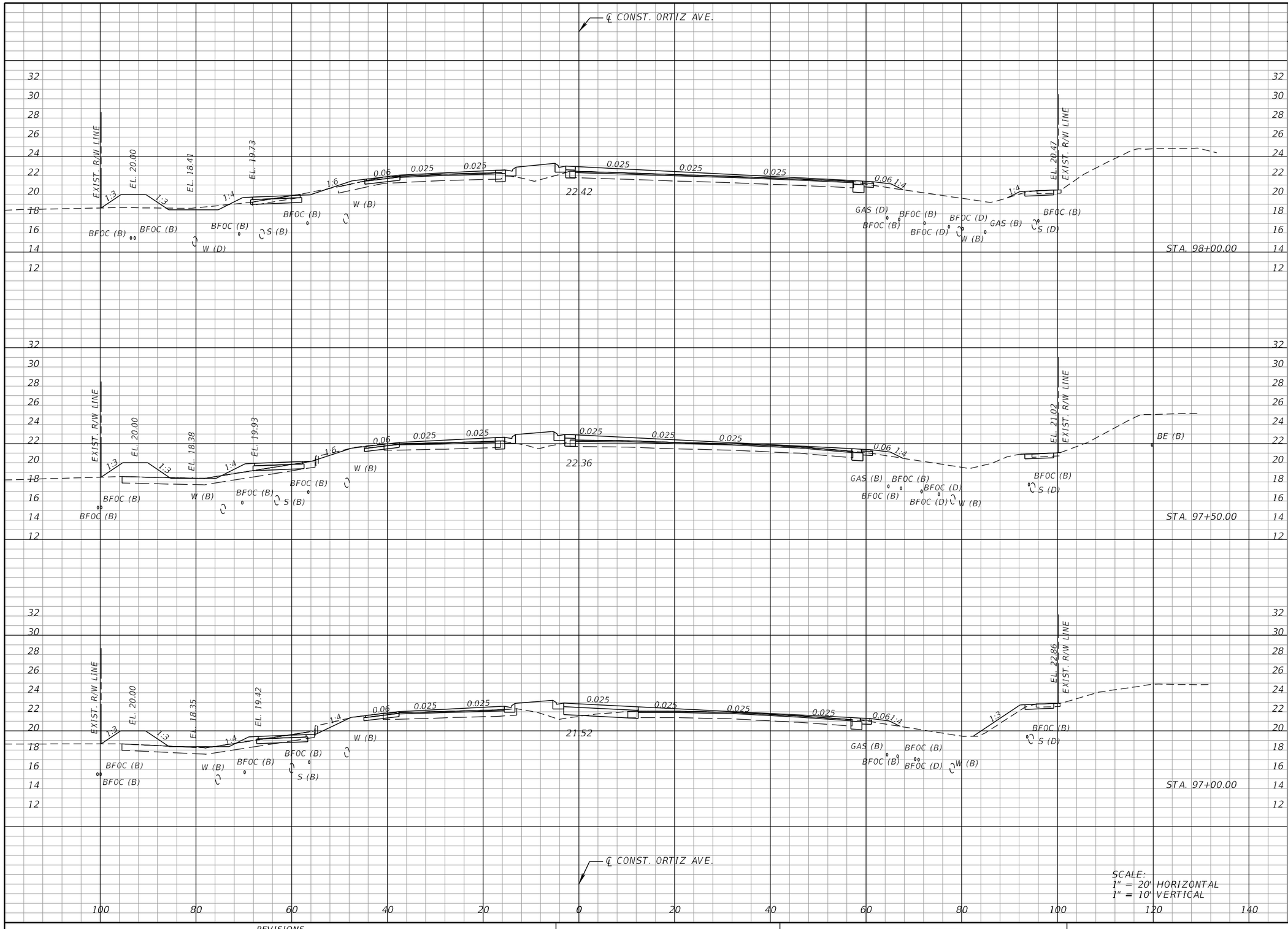
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Fort Myers, Florida 33912
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (55)

SHEET NO. 139



	Regular Exc.		Embankment	
	A	V	A	V
STA. 98+00.00	21.7	36.7	30.9	58.3
STA. 97+50.00	17.9	41.1	32.1	61.0
STA. 97+00.00	26.5	40.4	33.8	62.2

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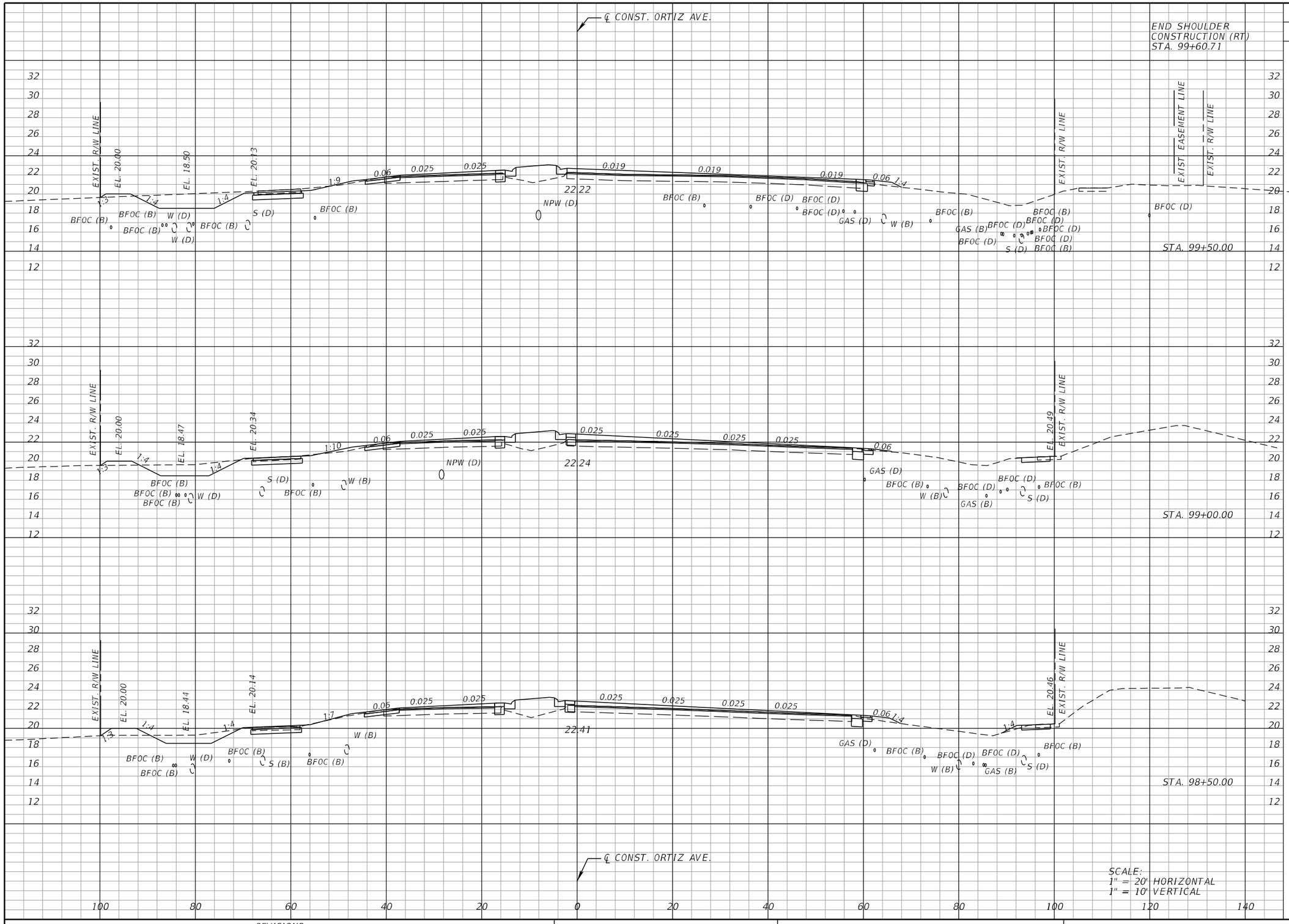
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (56)

SHEET NO. 140



Regular Exc.		Embankment	
A	V	A	V
45.0	78.1	18.7	37.0
39.4	66.4	21.3	43.0
32.3	50.0	25.1	51.9

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

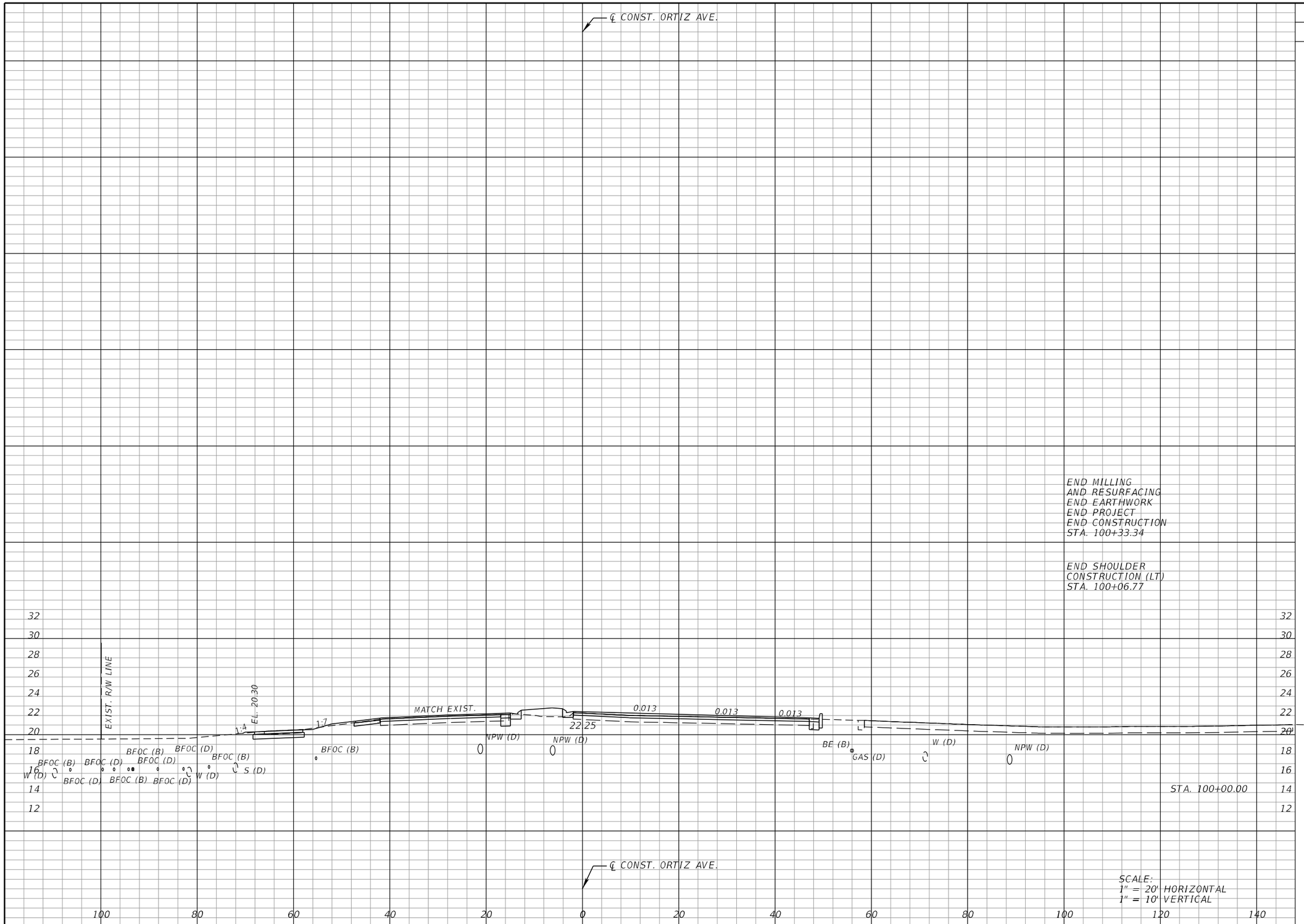
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (57)

SHEET NO. 141



Regular Exc.		Embankment	
A	V	A	V
17.2	57.6	7.6	24.4

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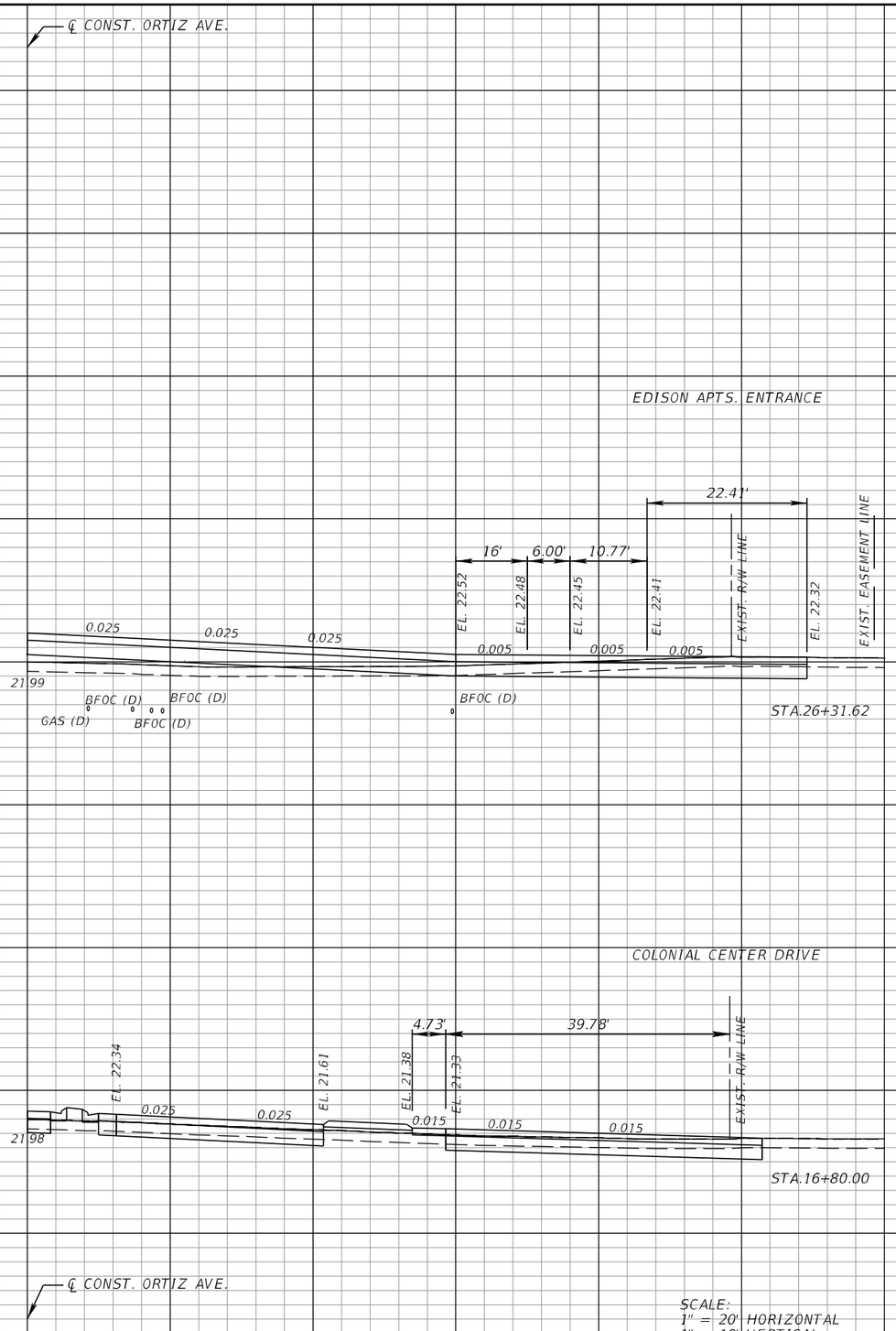
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

CROSS SECTIONS (58)

SHEET NO. 142

Regular Exc.		Embankment	
A	V	A	V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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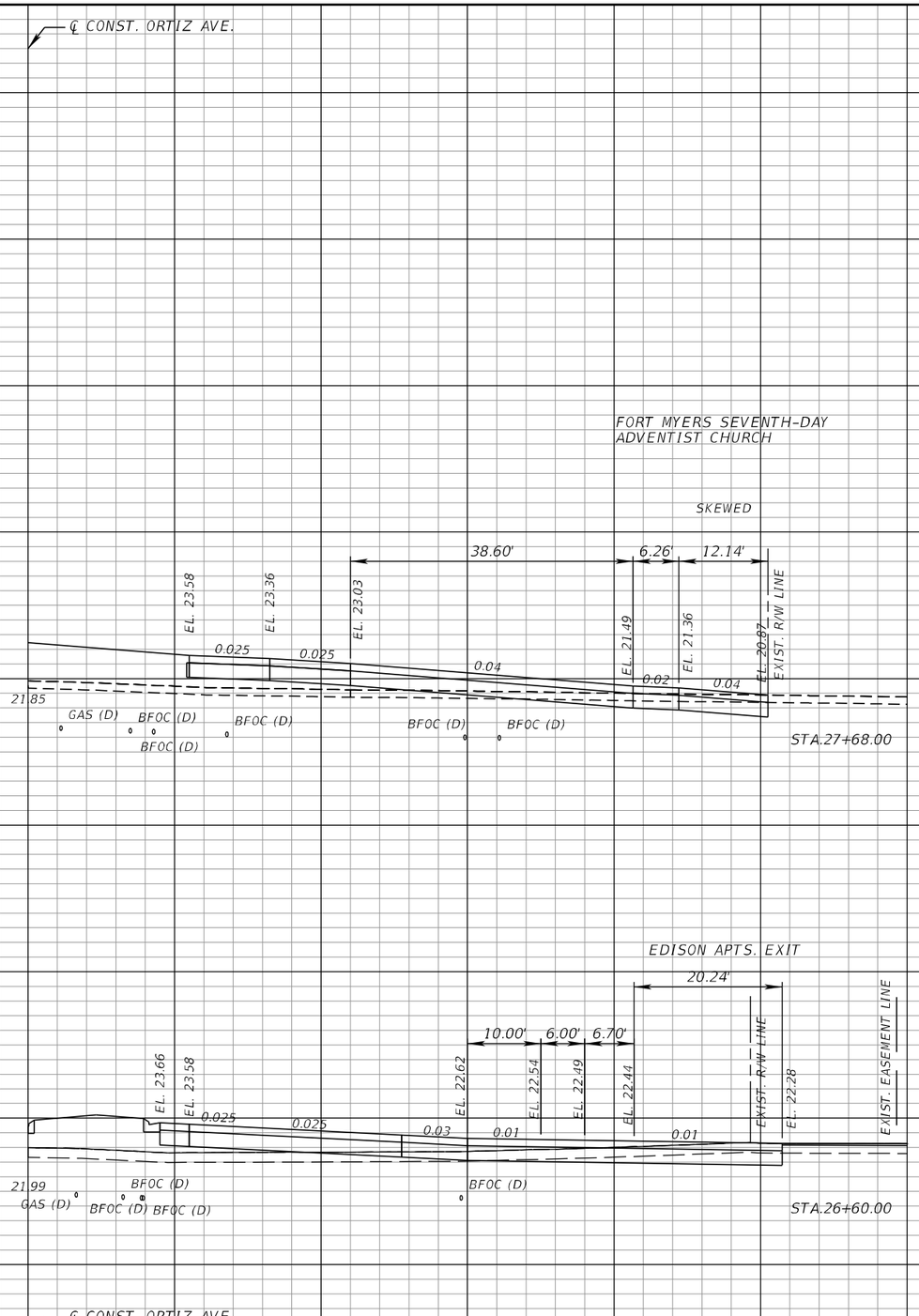
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRIVEWAY HALF-SECTION (1)

SHEET NO. 143

Regular Exc.		Embankment	
A	V	A	V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

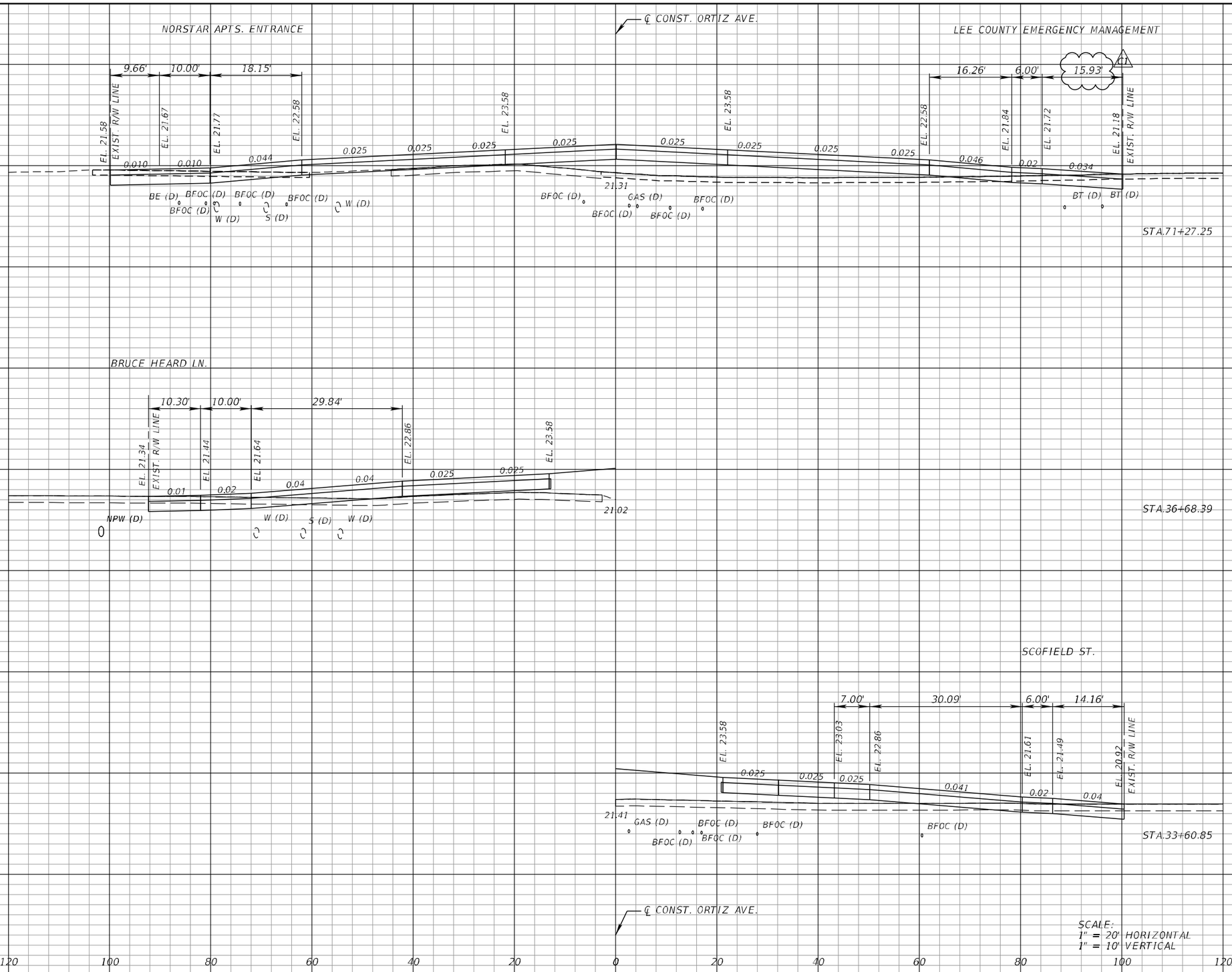
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRIVEWAY HALF-SECTION (2)

SHEET NO. 144



Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 DRIVEWAY DESIGN UPDATE		

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Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

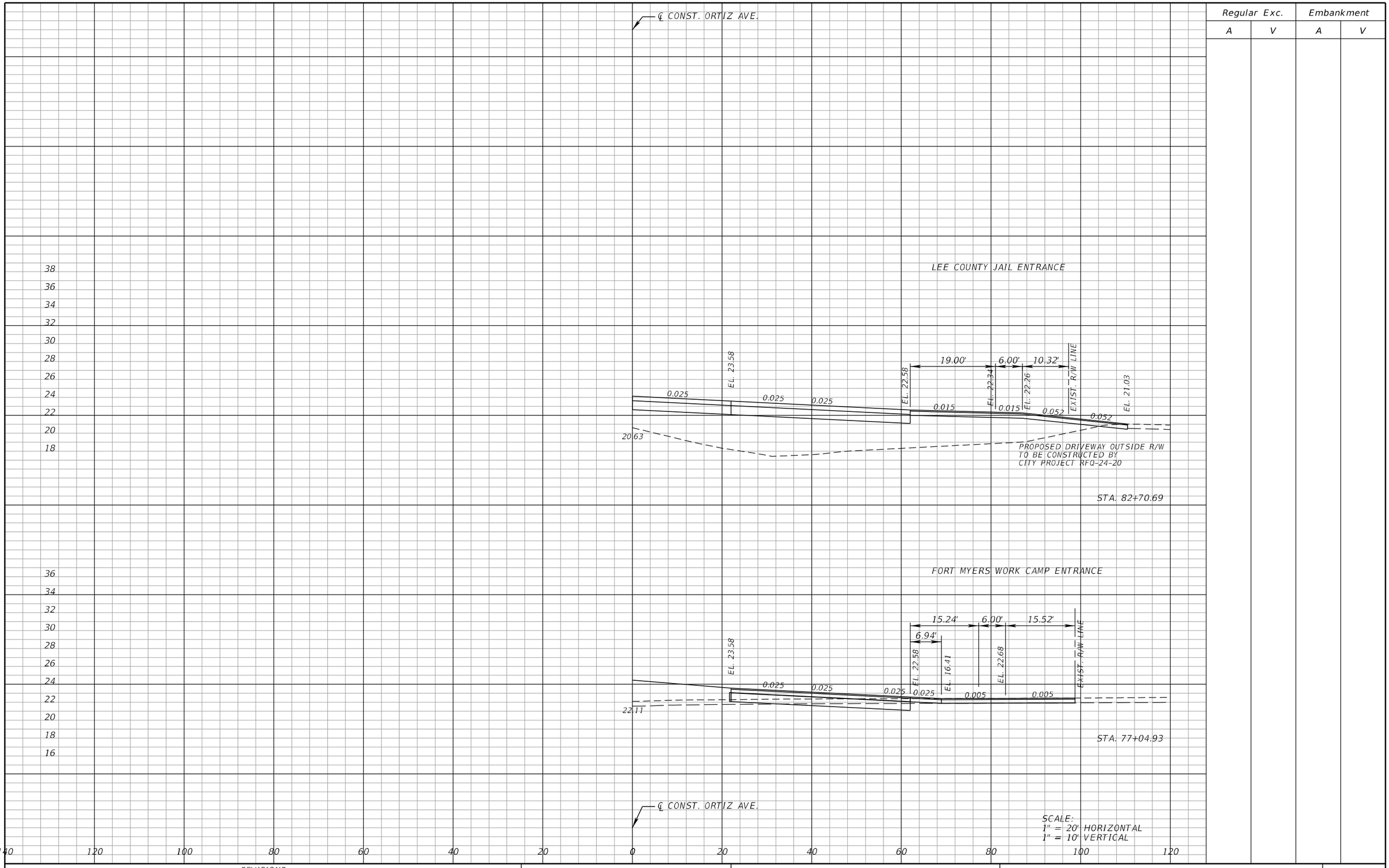
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRIVEWAY HALF-SECTION (3)

SHEET NO. 145

Regular Exc.		Embankment	
A	V	A	V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

DRIVEWAY HALF-SECTION (4)

SHEET NO. 146

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION 104 AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS THE RECONSTRUCTION OF ORTIZ AVENUE TO A FOUR LANE DIVIDED ROADWAY. THIS INVOLVES CONSTRUCTING A ROAD SURFACE, SIDEWALK, UNDERGROUND STORM DRAINAGE SYSTEMS, STORMWATER MANAGEMENT SWALES AND UTILITIES. THE PROJECT IS APPROXIMATELY 1.6 MILES LONG.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

PREPARE A SITE SPECIFIC EROSION CONTROL PLAN ALONG WITH 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. MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE CEI/LCDOT. APPLICABLE EROSION CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE FDOT EROSION & SEDIMENT CONTROL MANUAL. DETERMINE IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND FOR MODIFY THE CONSTRUCTION SCHEDULE FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION CONTROL DEVICES.

- FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK IN THE CONSTRUCTION PHASE.
- INSTALL SEDIMENT BARRIER WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN FOR PERIMITER CONTROLS BEFORE THE LAND IS DISTURBED.
- PROVIDE INLET PROTECTION WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN
- COVER AND STABILIZE DISTURBED AREAS AS SOON A POSSIBLE
- DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED
- TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
- REMOVE PERIMITER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT GRASSING IS ESTABLISHED.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 32.2 ac
TOTAL AREA TO BE DISTURBED: 32.9 ac

1.D. RUNOFF DATA

RUNOFF COEFFICIENTS:
GRASSED SHOULDERS ADJACENT TO ROADWAY: C=0.30
IMPERVIOUS ROADWAYS AND PAVED SHOULDERS: C=0.95
DISTURBED AREAS, EXPOSED SOIL DURING CONST.: C-0.70

WEIGHTED RUN-OFF COEFFICIENT:
BEFORE: Cw(B) =0.55
DURING: Cw(D) =0.70
AFTER: Cw(A) =0.60

THE RUNOFF COEFFICIENT DURING CONSTRUCTION Cw(D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION, AND THE REMAINING AMOUNT IS THE EXISTING IMPERVIOUS AND GRASSED SHOULDER AREAS.

SOILS DATA:
THE SOILS WITHIN THE PROJECT LIMITS ARE BOCA FINE SAND, ISLES FINE SAND, MATLACHA FINE SAND AND PINEDA FINE SAND. THE SEASONAL HIGH GROUNDWATER TABLE IS 0" TO 18". THE SOILS BORING INFORMATION IS SHOWN IN THE ROADWAY SOIL SURVEY SHEETS.

OUTFALL INFORMATION:

1. DESCRIPTION:CROSS DRAIN AT STATION 25+30.00
LOCATION: LAT 26°37'01", LONG 81°48'42"
RECEIVING WATER: WETLAND AT CITY OF FORT MYERS CALUSA NATURE CENTER ON WEST SIDE OF ORTIZ AVE.

2. DESCRIPTION: CROSS DRAIN AT STATION 34+60.00
LOCATION: LAT 26°37'10", LONG 81°48'42"
RECEIVING WATER: WETLAND AT CITY OF FORT MYERS CALUSA NATURE CENTER ON WEST SIDE OF ORTIZ AVE.

OUTFALL INFORMATION (CONTINUED):

3. DESCRIPTION: BUC-EES OUTFALL AT HANSON ST.
LOCATION: LAT 26°37'22", LONG 81°48'40"
RECEIVING WATER: WETLAND ON BUC-EES PROPERTY EAST SIDE OF ORTIZ AVE. AND HANSON ST.

4. DESCRIPTION: DITCH AT EASWOOD GOLF COURSE STATION 68+00.00
LOCATION: LAT 26°37'43", LONG 81°48'42"
RECEIVING WATER: EASTWOOD GOLF COURSE LAKE SYSTEM WEST OF ORTIZ AVE.

1.E. SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

- DRAINAGE PATTERNS: DRAINAGE BASIN DIVIDES AND FLOW DIRETION ARE SHOWN ON THE DRAINAGE MAPS
- APPROXIMATE SLOPES: SLOPES CAN BE SEEN THE CROSS SECTIONS AND IN THE PLAN AND PROFILE SHEETS.
- AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN AND PROFILE SHEETS, CROSS SECTION SHEETS, AND POND SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND, WILL BE DISTURBED.
- AREAS NOT TO BE DISTURBED: ESSENTIALLY THE WHOLE PROJECT AREA WILL BE DISTURBED DURING CONSTRUCTION.
- LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN ON THE EROSION CONTROL SHEETS. TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITY SHEETS.
- LOCATION OF PERMANENT CONTROLS: THE STORM WATER PONDS ARE THE PRIMARY PERMANENT STORM WATER MANAGMENT CONTROLS. THESE ARE LOCATED ON THE EAST SIDE OF THE ROAWAY AS SHOWN IN THE PLAN AND PROFILE SHEETS.
- AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE.
- PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTIONS SHEETS AND PLAN AND PROFILE SHEETS.
- SURFACE WATERS: N/A
- DISCHARGE POINTS TO SURFACE WATERS: N/A

1.F. RECEIVING WATERS

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES

SEE ITEM 1.D. FOR WETLAND DELINEATION'S.

THE PROJECT PROPOSED 5.12 ACRES OF WETLAND IMPACTS.

2.0 CONTROLS

2.A EROSION AND SEDIMENT CONTROLS

MONITOR ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (29NTU'S ABOVE BACKGROUND). CONDUCT MONITORING OF WATER QUALITY A MINIMUM OF TWICE DAILY (AT LOCATIONS DESIGNATED BY THE PROJECT CEI/LCDOT FOR ANY EARTHWORK ACTIVITIES WITHIN THE ROADWAY IMPROVEMENT AREA. 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, STOP CONSTRUCTION IMMEDIATELY AND EROSION CONTROL DEVICES RE-EVALUATED BY THE LCDOT REPRESENTATIVE PRIOR TO ANY CONTINUATION OF ACTIVITY. RECORD MONITORING ACTIVITIES AND TURBIDITY READINGS ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUE 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 LCDOT.

2,A.1. STABILIZATION PRACTICES

INITIATE STABILIZATION MEASURES, SUCH AS PERFORMANCE SODDING OR SEEDING OF SIDE SLOPES AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. IN NO CASE SHALL THE STABILIZATION MEASURES BE CONDUCTED LONGER THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES. ANY SLOPES 1:3 OR GREATER WILL HAVE SOD STAKED IN PLACE.

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Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 147

2.A.2 STRUCTURAL PRACTICES INCLUDE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREA OF THE SITE. PLACE SEDIMENT CONTROLS BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES INCLUDE AT LEAST THE FOLLOWING.

- STAKED SILT FENCE USED ALONG THE LENGTH OF THE PROJECT AT THE CONSTRUCTION LIMITS AND WHERE THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFF-SITE AND AROUND THE PERIMITER OF STOCKPILE AREAS.
- SYNTHETIC BALES AND SAND BAGS GENERALLY INSTALLED AT PROPOSED DBI LOCATIONS AND AROUND PARTIAL INLETS AND AS DITCH BLOCKS TO AVOID DOWNSTREAM SILTATION.
- INLET PROTECTIONS SYSTEMS USED ON EXISTING INLETS REQUIRING PROTECTION.
- STAKED TURBIDITY BARRIER USED AT THE FOLLOWING LOCATIONS: ENDS OF PROPOSED CROSS DRAINS.

2.B. STORMWATER MANAGEMENT

EXISTING CONDITIONS: PRESENTLY THE EXISTING DRAINAGE LOWS ARE TYPICALLY FROM EAST TO WEST THROUGH EXISTING WETLAND SYSTEMS THAT EVENTUALLY FLOW INTO THE EXISTING CONVEYANCE ALONG TREELINE AVENUE WHICH DRAINS TO THE TEN MILE CANAL.

PROPOSED CONDITIONS:STORMWATER RUNOFF FROM THE PROPOSED PROJECT DRAINS VIA CLOSED CONVEYANCE SYSTEMS TO THE DRY RETENTION AND WET DETENTION PONDS. AFTER TREATMENT, THE RUNOFF DISCHARGES TO THE EXISTING WETLAND SYSTEMS ADJACENT TO THE PROJECT LIMITS.

2.C. OTHER CONTROLS

2.C.1. WASTE DISPOSAL

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATER OF THE UNITED STATES. INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
- DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS OR WETLANDS.
- ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

2.C.2. OFF-SITE VEHICLE TRACKING AND DUST CONTROL

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- COVERING LOADED HAUL TRUCKS WITH TARPAULINS
- REMOVING EXCESS DIRT FROM ROADS DAILY
- STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106
- USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCATION REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS

PERMITS WILL BE REQUIRED FROM SFWMD, EPA/FDEP (NPDES), FDEP, DOH AND LEE COUNTY.

2.C.4 FERTILIZERS AND PESTICIDES:

INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES. SPECIFY WHAT MANAGEMENT PRACTICES AND CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS SUCH AS FUEL, LUBRICANTS, HERBICIDES, ETC. FROM SPILLING ONTO THE SOIL OR INTO THE SURFACE WATERS. IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT LEE COUNTY AT 239-489-8580.

2.C.5 TOXIC SUBSTANCES

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D APPOVED STATE AND LOCAL PLANS AND PERMITS:

3.0 MAINTENANCE

- RESPONSIBLITY FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES BEGINS WHEN NOTICE OF TERMINATION IS MAILED.
- INSTALLATION, MAINTENANCE, REPAIR AND REMOVAL REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION IS INCLUDED IN THE COSTS FOR THE EROSION CONTROL DEVICES ON THE PROJECT.
- MAINTAIN ALL CONTROL MEASURES IN GOOD WORKING ORDER DAILY. IF A REPAIR IS NECESSARY, IT WILL INITIATED WITHIN 24 HOURS OF NOTICE.
- INSPECT SODDING FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. MAINTAIN SYNTHETIC BALES TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. MAINTAIN STABILIZED CONSTRUCTION ENTRANCES TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

4.0 INSPECTIONS

- INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT. MAINTAIN ALL CONTROL MEASURES DAILY.
- INSPECT DAILY ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES. UTILIZE PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.
- COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.
- SUBMIT A WEEKLY REPORT TO LCDOT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE SEDIMENT CONTROL DEVICES. MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, ARE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES OR LUMP SUM COST OF THE PROJECT.
- USE THE FDOT CONSTRUCTION INSPECTION REPORT 650-040-03, FOR DAILY INSPECTIONS.

5.0 NON-STORMWATER DISCHARGES

IN THE SECTION 104 EROSION CONTROL PLAN, IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, NOTIFY THE ENGINEER AND LCDOT.

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REVISIONS			
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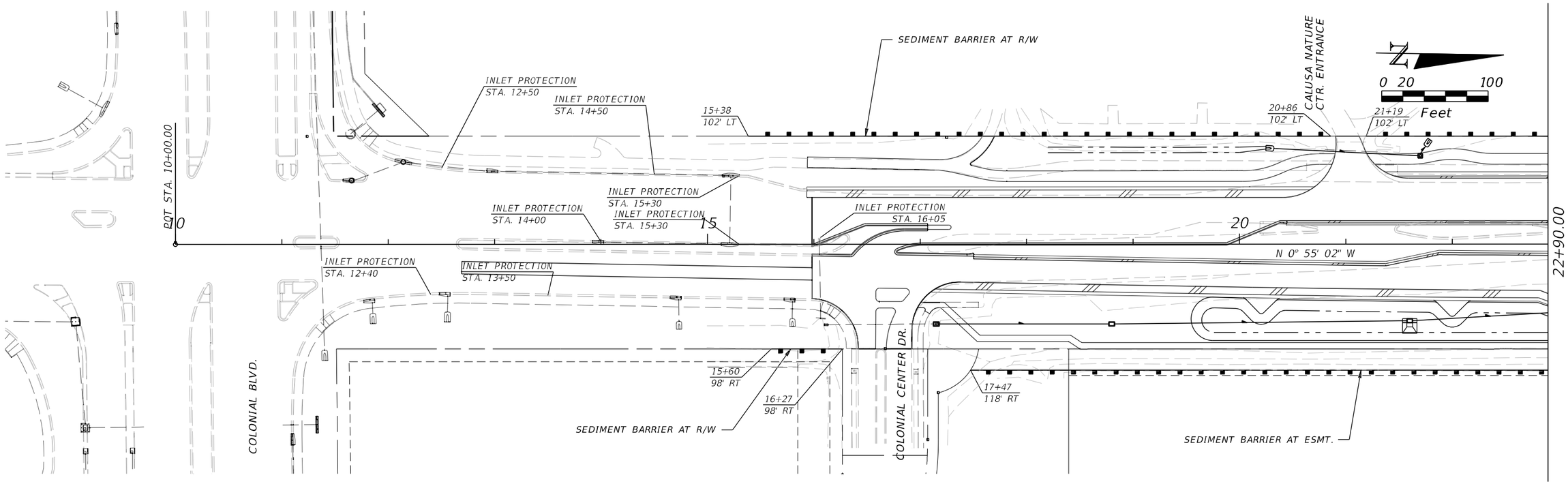
Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

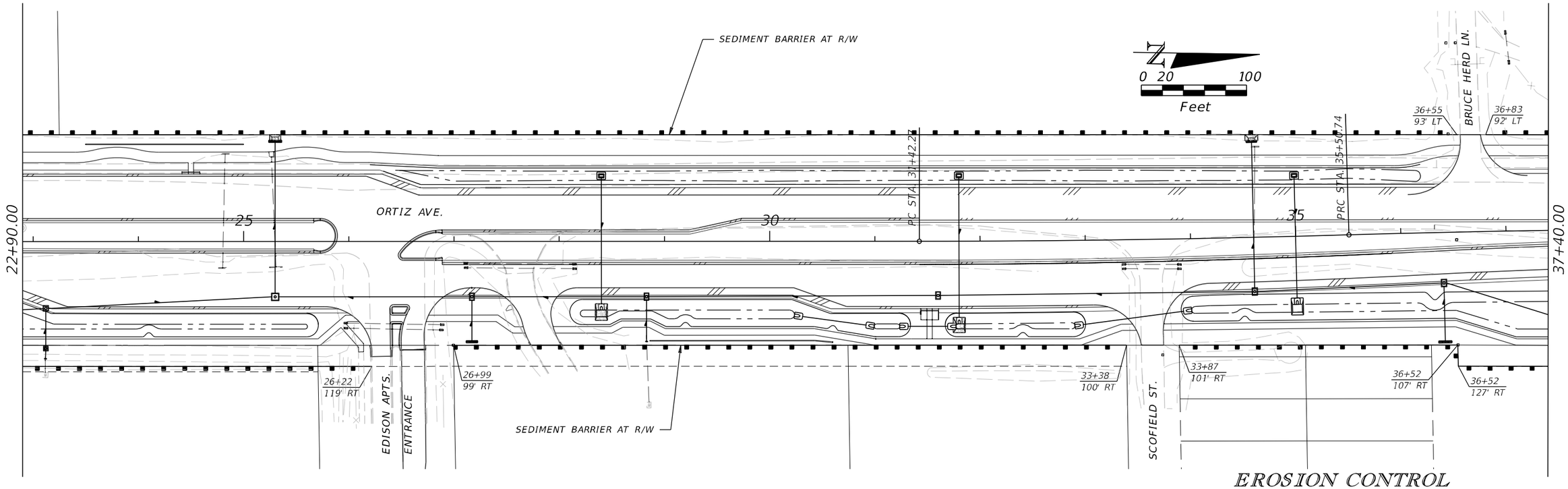
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 148





EROSION CONTROL

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Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
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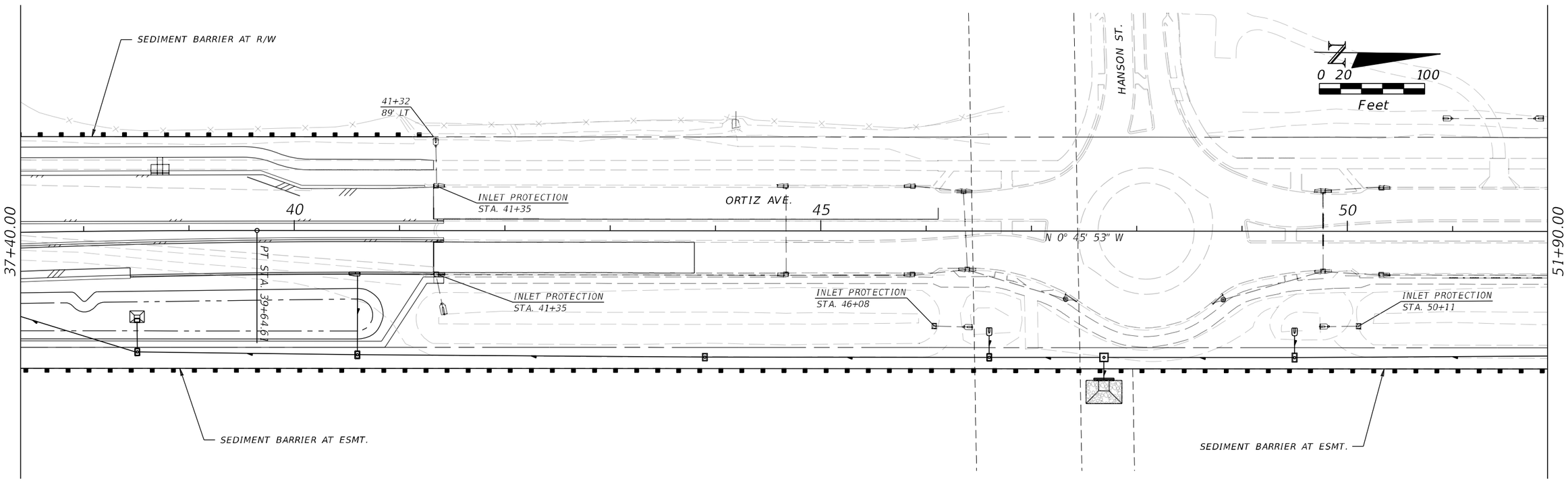
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

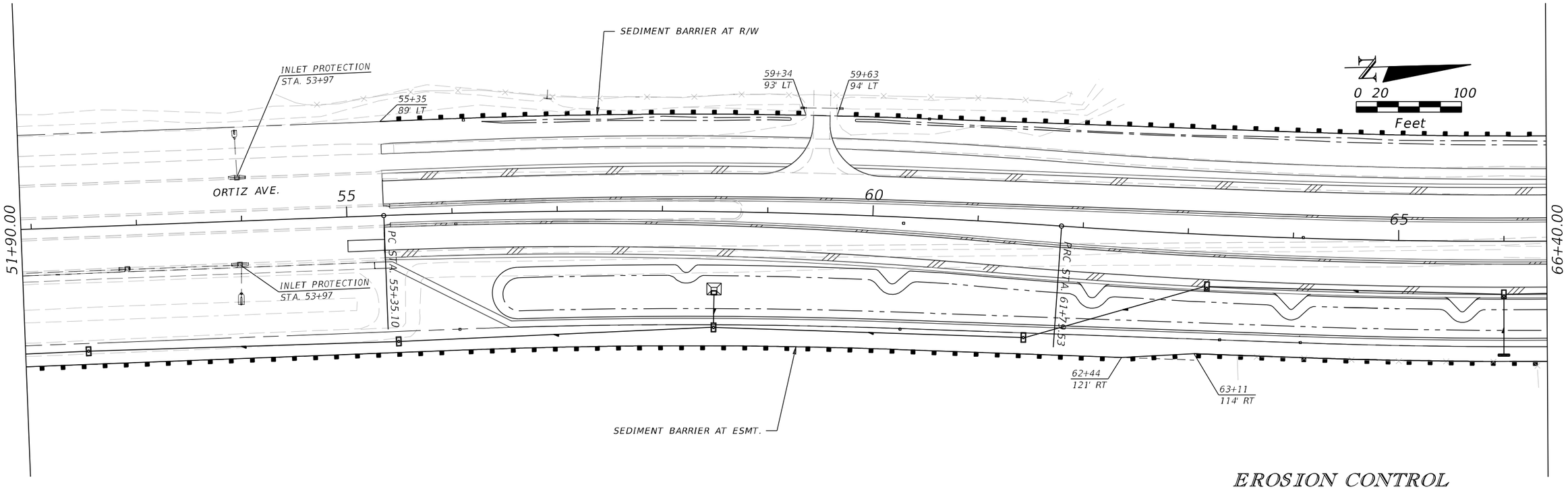
STORMWATER POLLUTION PREVENTION PLAN

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EROSION CONTROL

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Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

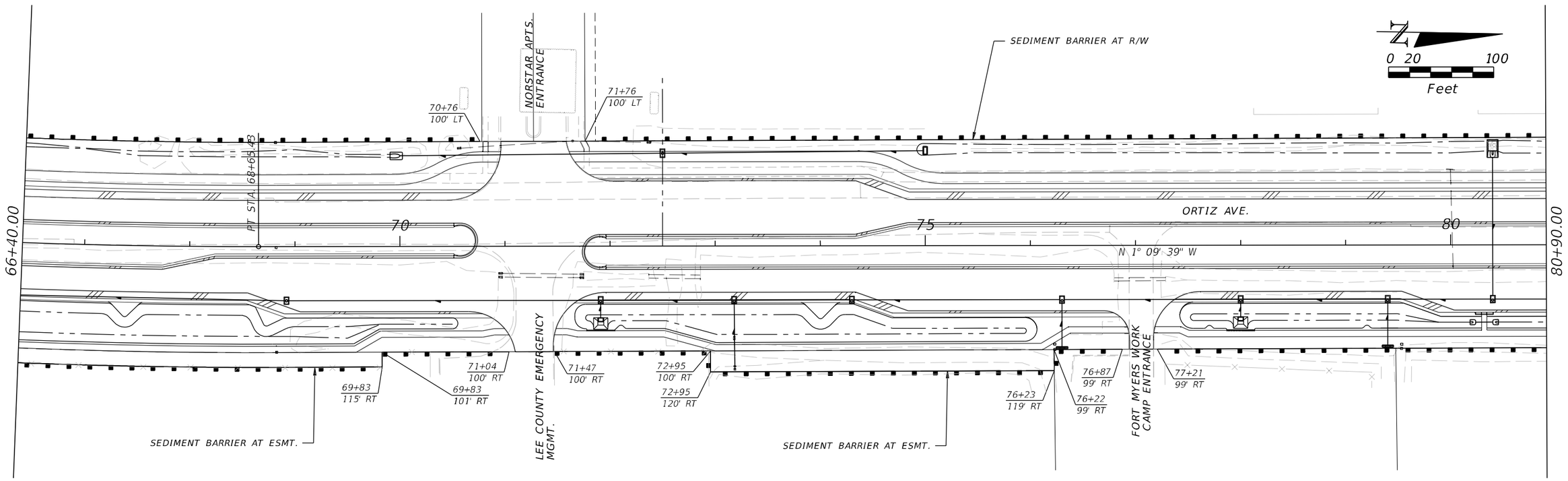
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

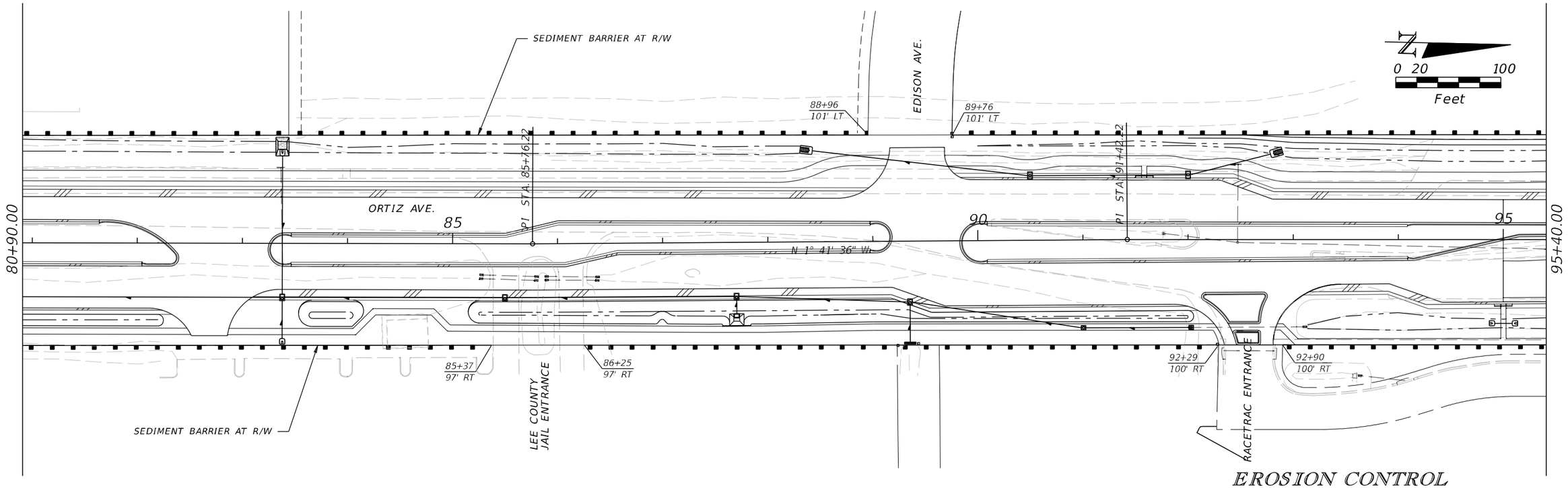
STORMWATER POLLUTION PREVENTION PLAN

SHEET NO.
150

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EROSION CONTROL

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Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

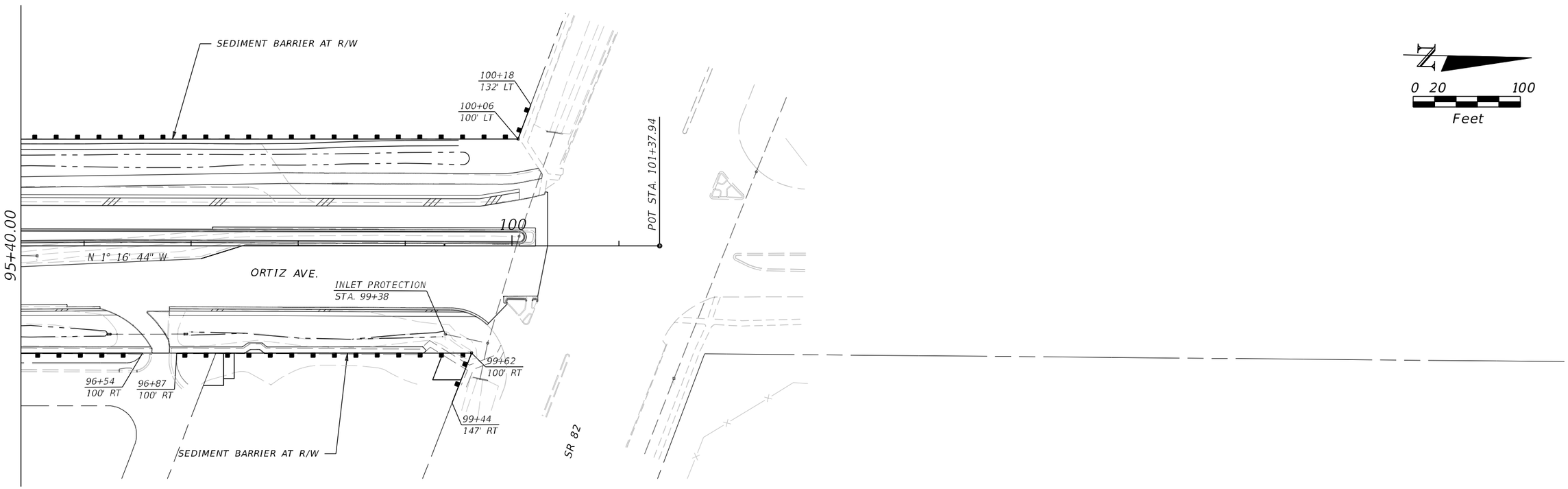
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 151

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EROSION CONTROL

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 152

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PROJECT TEMPORARY TRAFFIC CONTROL REQUIREMENTS

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

THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA WITH ADVANCE MOT CERTIFICATION. THE TEMPORARY TRAFFIC CONTROL PLAN MUST BE APPROVED BY LCDOT PRIOR TO CONSTRUCTION. A MAINTENANCE OF TRAFFIC PROPOSAL SHALL BE SUBMITTED A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE TO BE REVIEWED. NO WORK CAN PROCESS UNTIL APPROVED BY LEE COUNTY DOT. PEDESTRIAN / BICYCLE TRAFFIC ACCOMMODATIONS MUST BE INCLUDED AS PART OF MOT PLAN SUBMITTED; ANY TEMPORARY FACILITY MUST MEET ADA CRITERIA. ONE THRU LANE IN EACH DIRECTION OF ORTIZ MUST BE MAINTAINED AT ALL TIMES.

ALL COST ASSOCIATED WITH THE TRAFFIC CONTROL PLANS, INCLUDING PREPARATION OF THE PLAN SHALL BE INCLUDED WITH THE MAINTENANCE OF TRAFFIC PAY ITEMS

THE PERMITTEE MUST CONDUCT CONSTRUCTION OPERATIONS TO MINIMIZE INTERFERENCE WITH, OR INTERRUPTION VEHICULAR, BICYCLE OR PEDESTRIAN TRAFFIC UPON AND ALONG THE ROADWAY. THE COUNTY ENGINEER MAY SPECIFY ADDITIONAL DETAILS IN CONNECTION WITH THE MAINTENANCE OF TRAFFIC. SUCH SPECIFICATIONS WILL BE DEEMED A CONDITION OF THE PERMIT AND MANDATE COMPLIANCE BY PERMITTEE. PEDESTRIAN AND BICYCLE FACILITIES SHALL BE MAINTAINED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FDOT 102-600 SERIES.

TRAFFIC CONTROL GENERAL NOTES

1. MAINTAIN THE EXISTING 45 MPH SPEED LIMIT AT ALL TIMES. MAINTAIN TRAFFIC ON SIDE STREETS USING FDOT STANDARD PLANS, INDEX 102-600 SERIES, WHENEVER WORK OCCURS WITHIN OR ADJACENT TO THE SIDE STREET.
2. MAINTAIN ALL EXISTING WARNING, GUIDE, AND REGULATORY SIGNS AT ALL TIMES. COVER, RELOCATE,OR REMOVE SIGNS FOR THE TRAFFIC CONTROL PATTERN OF EACH PHASE AS APPROVED BY THE ENGINEER.
3. ARROWS SHOWN IN TRAFFIC CONTROL PLANS INDICATE DIRECTION OF TRAFFIC AND DO NOT REPRESENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.
4. RETAIN A SELF-CONTAINED VACUUM-TYPE MOBILE BROOM ON THE PROJECT SITE FOR CLEANUP OF DUST AND DEBRIS DURING MILLING OPERATIONS.
5. CONTACT PROPERTY OWNERS 96 HOURS PRIOR TO CLEARING AND GRUBBING EXISTING SPRINKLER SYSTEMS, SIGNS, OR LANDSCAPING TO BE REMOVED WITHIN PROJECT LIMITS.
6. MAINTAIN POSITIVE DRAINAGE THROUGHOUT THE PROJECT AREA DURING ALL PHASES OF CONSTRUCTION. ALL COSTS ASSOCIATED WITH TEMPORARY DRAINAGE DURING CONSTRUCTION WILL BE INCIDENTAL TO PAY ITEM 102-1 MAINTENANCE OF TRAFFIC.
7. DO NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.
8. MAINTAIN VISIBLE STREET NAME IDENTIFICATION DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE OPERATIONS.
9. CONTROL SIDE STREET AND DRIVEWAY TRAFFIC DURING CONSTRUCTION OPERATIONS USING FLAGGERS PER FDOT STANDARD PLANS, INDEX 102-600 SERIES.
10. ALL TRAFFIC LANES OF ORTIZ AVENUE MUST BE KEPT OPEN TO TRAFFIC FROM 6:00 A.M. TO 9:00 A.M. AND FROM 4:00 P.M. TO 7:00 P.M., UNLESS OTHERWISE DIRECTED BY THE COUNTY ENGINEER. DURING PEAK SEASON (THANKSGIVING - EASTER) DAYTIME LANE CLOSURES WILL NOT BE PERMITTED. DURING THIS TIME PERIOD ALL LANE CLOSURES WILL BE ALLOWED TO COMMENCE AFTER 7:00 P.M. AND ALL LANES RE-OPENED AT 6:00 A.M. LANE CLOSURES MAY BE DONE ON WEEKENDS OR DURING DAYTIME HOURS WITH PRIOR APPROVAL OF THE COUNTY ENGINEER.
11. TEMPORARY TRAFFIC CONTROL AT SR 82 (M.L.K BOULEVARD) DUE TO CONSTRUCTION OPERATIONS ON ORTIZ AVENUE SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE 2022-23 FDOT STANDARD PLANS (102-600 SERIES), AND THE 2022 FDOT STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION. SINGLE LANE CLOSURES SHOULD BE USED TO PERFORM MILLING AND RESURFACING OPERATION ON ORTIZ AVENUE STANDARD PLANS INDEX 102-613. WHEN LANES ARE BEING CLOSED ON ORTIZ AVENUE, STANDARD PLANS INDEX 102-615 SHALL BE USED TO ENSURE PROPOER TEMPORARY TRAFFIC CONTROL AT SR 82 (M.L.K BOULEVARD) EASTBOUND AND WESTBOUND, AND ORTIZ AVENUE NORTH OF SR 82.
12. NO LANE CLOSURES ON SR 82 BETWEEN 5:00 AM AND 7:00 PM PER SPECIAL PROVISIONS OF PERMIT 2021-A-192-00026.

TRAFFIC CONTROL PHASE NOTES

FOR OPERATIONS PERFORMED ADJACENT TO S.R. 82 (ALL PHASES):

1. PLACE ADVANCE WARNING SIGNAGE, PCMS, AND TRAFFIC CONTROL DEVICES FOR EACH PHASE PER FDOT STANDARD PLANS SERIES 102-600 AND THE APPLICABLE PHASE NOTE.
2. SET UP EROSION CONTROL AND PERFORM CLEARING AND GRUBBING.
3. PERFORM MILLING AND RESURFACING OPERATIONS NEAR THE INTERSECTION (ORTIZ AVE. AT S.R. 82) PER STANDARD PLAN INDEX 102-615.
4. PERFORM NEW CONSTRUCTION/WIDENING OPERATIONS AWAY FROM THE INTERSECTION (ORTIZ AVE. AT S.R. 82) PER STANDARD PLAN INDEX 102-613.
5. MAINTAIN A CLEAR 5' MINIMUM PATH FOR PEDESTRIAN AT ALL MOMENTS. WHEN NECESSARY, PERFORM SIDEWALK CLOSURES PER STANDARD PLAN INDEX 102-660.
6. PROVIDE THE REQUIRED SEPARATION AT WORK ZONES ADJACENT TO SIDEWALKS OR TEMPORARY PEDESTRIAN WAYS.

TRAFFIC CONTROL PHASE NOTES (CONTINUED)

PHASE 1

THE PURPOSE OF THIS PHASE IS TO CONSTRUCT THE PROPOSED NORTHBOUND ROADWAY AND ADJACENT SIDEWALK WITHIN THE PROJECT LIMITS. TRAFFIC WILL BE MAINTAINED ON THE EXISTING ROADWAY DURING THIS PHASE.

1. PLACE PHASE 1 ADVANCE WARNING SIGNAGE, PCMS, AND TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS SERIES 102-600 AND THIS TRAFFIC CONTROL PLAN.
2. SET UP EROSION CONTROL AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT PROPOSED NORTHBOUND ROADWAY AND ALL ASSOCIATED PEDESTRIAN AND DRAINAGE FACILITIES WITH THE EXCEPTION OF FRICTION COURSE. CONSTRUCT PROPOSED TURNOUTS AND TEMPORARY DRIVEWAY CONNECTIONS AS NEEDED TO MAINTAIN ACCESS TO AFFECTED PROPERTIES ON THE EAST SIDE OF THE EXISTING ROADWAY. CONSTRUCT AND INSTALL THE LEE COUNTY PROPOSED WATER MAIN, THE CITY OF FORT MYERS PROPOSED WATER MAIN AND THE CITY OF FORT MYERS PROPOSED FORCE MAIN.
4. CONSTRUCT TEMPORARY PAVEMENT AT EACH END OF THE PROPOSED NORTHBOUND ROADWAY TO TIE INTO THE EXISTING ROADWAY IN PREPARATION FOR PHASE 2. INSTALL TEMPORARY PAVEMENT MARKINGS.

PHASE 2

THE PURPOSE OF THIS PHASE IS TO SHIFT ALL TRAFFIC FROM THE EXISTING ROADWAY AND PEDESTRIAN FACILITIES ONTO THE ROADWAY AND PEDESTRIAN FACILITIES CONSTRUCTED IN PHASE 1. THE PROPOSED SOUTHBOUND ROADWAY AND ASSOCIATED PEDESTRIAN AND DRAINAGE FACILITIES WILL BE CONSTRUCTED DURING THIS TEMPORARY SHIFT.

1. RE-SET ADVANCE WARNING SIGNAGE, PCMS, AND TRAFFIC CONTROL DEVICES AS NEEDED FOR PHASE 2 PER FDOT STANDARD PLANS SERIES 102-600 AND THIS TRAFFIC CONTROL PLAN. REMOVE CONFLICTING SIGNAGE AND PAVEMENT MARKINGS.
2. SHIFT ALL NORTHBOUND AND SOUTHBOUND TRAFFIC FROM THE EXISTING ROADWAY TO THE ROADWAY CONSTRUCTED IN PHASE 1.
3. CONSTRUCT PROPOSED SOUTHBOUND ROADWAY AND ALL ASSOCIATED PEDESTRIAN AND DRAINAGE FACILITIES WITH THE EXCEPTION OF FRICTION COURSE WHICH DO NOT CONFLICT WITH THE TEMPORARY TRAFFIC PATTERN. CONSTRUCT AND INSTALL THE LEE COUNTY PROPOSED WATER MAIN, THE CITY OF FORT MYERS PROPOSED RAW WATER MAIN.
4. CONSTRUCT PROPOSED TURNOUTS AND TEMPORARY DRIVEWAY CONNECTIONS AS NEEDED TO MAINTAIN ACCESS TO AFFECTED PROPERTIES ON THE WEST SIDE OF THE EXISTING ROADWAY.

PHASE 3

THE PURPOSE OF THIS PHASE IS TO SHIFT SOUTHBOUND VEHICLE AND PEDESTRIAN TRAFFIC FROM THE TEMPORARY PHASE 2 CONFIGURATION ONTO THE SOUTHBOUND FACILITIES CONSTRUCTED IN PHASE 2. CLOSE THE INSIDE LANES OF THE NORTHBOUND AND SOUTHBOUND ROADWAY TO FACILITATE CONSTRUCTION OF MEDIAN TURN LANES AND PAVEMENT.

1. RE-SET ADVANCE WARNING SIGNAGE, PCMS, AND TRAFFIC CONTROL DEVICES AS NEEDED FOR PHASE 3 PER FDOT STANDARD PLANS SERIES 102-600 AND THIS TRAFFIC CONTROL PLAN. REMOVE CONFLICTING SIGNAGE AND PAVEMENT MARKINGS.
2. SHIFT SOUTHBOUND TRAFFIC FROM THE EXISTING ROADWAY TO THE ROADWAY CONSTRUCTED IN PHASE 2.

PHASE 4

THE PURPOSE OF THIS PHASE IS TO OPEN ALL LANES TO TRAFFIC AND REMOVE ALL TRAFFIC CONTROL DEVICES.

1. REMOVE ALL PHASE 3 SIGNAGE AND TRAFFIC CONTROL DEVICES. FINISH ALL REMAINING STRIPING AND PAVEMENT MARKING OPERATIONS.
2. REMOVE ALL UNNECESSARY TRAFFIC CONTROL DEVICES.
3. REMOVE ALL UNUSED TEMPORARY PAVEMENT. PERFORM ALL REMAINING WORK WITHIN THE MEDIAN AREA.
4. REMOVE ALL TEMPORARY PAVEMENT MARKINGS.
5. CONSTRUCT FINAL FRICTION COURSE LAYER. PLACE FINAL ASPHALT SURFACE AND PAVEMENT MARKINGS.

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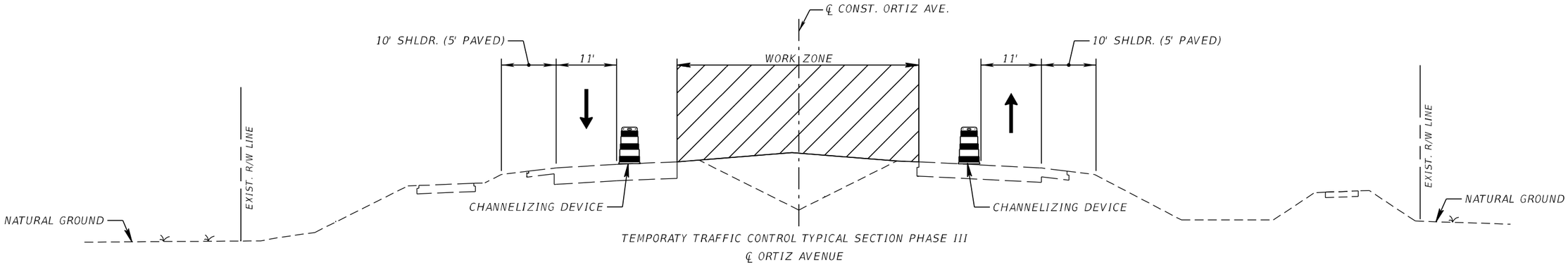
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

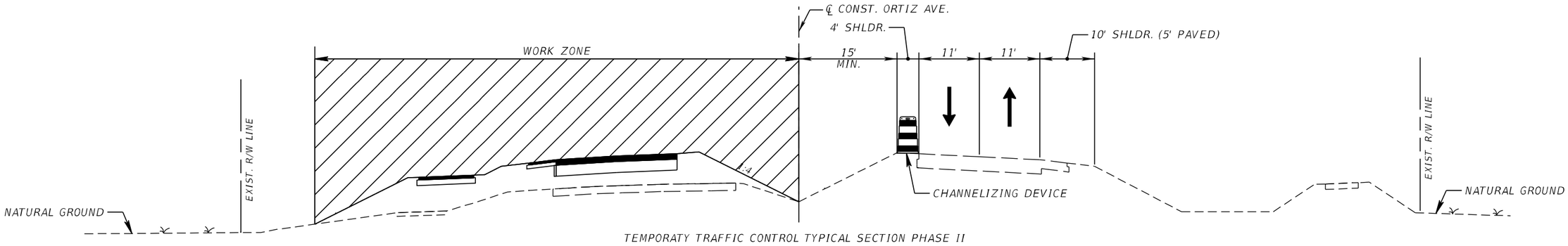
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TEMPORARY TRAFFIC GENERAL NOTES

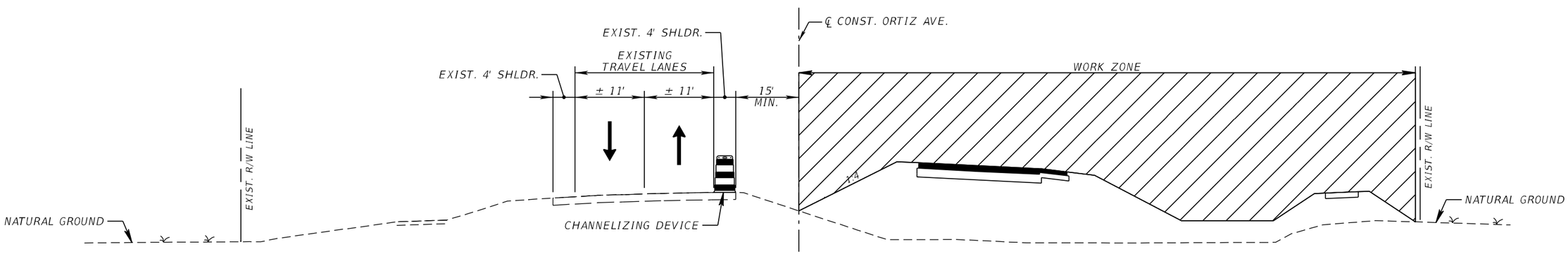
SHEET NO. 153



TEMPORATY TRAFFIC CONTROL TYPICAL SECTION PHASE III
℄ ORTIZ AVENUE



TEMPORATY TRAFFIC CONTROL TYPICAL SECTION PHASE II
℄ ORTIZ AVENUE



TEMPORATY TRAFFIC CONTROL TYPICAL SECTION PHASE I
℄ ORTIZ AVENUE

REVISIONS			
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TEMPORARY TRAFFIC TYPICAL SECTION

SHEET NO. 154

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20" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

BFO (144) / TO REMAIN
CENTURY LINK

BTV / TO REMAIN
COMCAST

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

EXIST. POST

EXIST. R/W LINE

24" CL250 DIP WM / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. POLE

OT (100) / TO REMAIN
CENTURY LINK

BT (200)/ TO REMAIN
CENTURY LINK

BE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

3-1.25" ORANGE CONDUITS
92' LT AND FOC / PROPOSED
SUMMIT BROADBAND

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION

4" PVC FM / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. POLE

EXIST. POLE

N

0 10 40

Feet

16" WM / PROPOSED
BY OTHERS
LEE COUNTY UTILITIES (LCU)

BEGIN PROJECT
BEGIN RECONSTRUCTION
STA. 15+98.31

8" PVC RAW WM/ TO REMAIN
CITY OF FORT MYERS

BT (600) / TO REMAIN
CENTURY LINK

BT (200) / TO REMAIN
CENTURY LINK

BFO (144) / TO REMAIN
CENTURY LINK

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

BT (600) / TO REMAIN
CENTURY LINK

16" WM – DIP CL250 / PROPOSED
LEE COUNTY UTILITIES (LCU)

10" WATER MAIN / TO REMAIN
CITY OF FORT MYERS (CFM)

TH-5
+02.12, 76.72' LT.

16" DIP WM / PLACE OUT
OF SERV. & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

BE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

4" PVC FM / PROP.
CITY OF FORT MYERS (CFM)

4" PVC FM /
TO BE REMOVED
CITY OF FORT MYERS
(CFM)

+10.2
54.0' LT.

ORTIZ AVE.

TH-1
+21.64, 59.47' RT

14 15 16 17 18 19

℄ CONST. ORTIZ AVE.

BFO (72) / TO REMAIN
CENTURY LINK

EXIST. 16" WM / TO REMAIN
LEE COUNTY UTILITIES (LCU)

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

4-1.5" CONDUITS
W/48 BFO / OUT OF SERV.
ITG

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

BFO 144 & 48 / TO BE REMOVED
ITG / LEE COUNTY DOT

TH-1A
+20.38, 60.82' RT.

4" COATED STL GM
/ TO BE REMOVED
TECO PEOPLE GAS

BFO (72) / PROPOSED
CENTURY LINK
ORTIZ AVE.

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

TH-2
+00.37, 56.79' RT

TH-3
+03.69, 61.38' RT.

TH-4
+03.31, 64.36' RT.

4" COATED STEEL GM / TO REMAIN
TECO PEOPLE GAS

BFO (144) / TO REMAIN
CENTURY LINK

BFO (72) / TO REMAIN
CENTURY LINK

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

EXIST. R/W LINE

EXIST. P.U.E

6" WATER MAIN / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. POLE

COLONIAL CENTER DR.

EXIST.
LIGHT POLE

EXIST. POST
EXIST.
DRAINAGE
EASEMENT

EXIST.
P.U.E

BE <50KV / TO REMAIN
FLORIDA POWER AND LIGHT

3-1.25" CONDUIT / TO REMAIN
SUMMIT BROADBAND

BFO (24) / PROPOSED
CENTURY LINK

BFO (24) / TO BE RELOCATED
CENTURY LINK

CTL / RELOCATE HH # 427501 &
USE SLACK FROM BFO 12, 24 AND
72 TO MOVE TO RELOCATED HH

BFO (12) / TO BE RELOCATED
CENTURY LINK

3-1.25" CONDUIT / OUT OF SERVICE
SUMMIT BROADBAND

BFO (12) / PROPOSED
CENTURY LINK

BFO (24) / PROPOSED
CENTURY LINK

BFO (12) / TO REMAIN
CENTURY LINK

BFO (24) / TO REMAIN
CENTURY LINK

4-1.5" CONDUITS
W/48 BFO / OUT OF SERV.
ITG

BFO (24) / TO REMAIN
CENTURY LINK

EXIST. DRAINAGE EASEMENT

10" WATER MAIN / TO REMAIN
CITY OF FORT MYERS (CFM)

4" PE GM BY DIRECTIONAL BORE
/OPEN TRENCH @ SPECIFIED MIN.
DEPTH OF COVER / PROPOSED
TECO

*NOTE:
UTILITY INFORMATION ON THIS SHEET IS BASED ON DATA PROVIDED BY UTILITY AGENCY OWNERS AND LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT TEST HOLE (TH) POINTS SHOWN AND SUMMARIZED ON SUMMARY OF VERIFICATION TABLES. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

	CONTACT	TELEPHONE NUMBERS
AT&T	MICHAEL GAMBOA	(863) 888-8300
CENTURY LINK	VIVIAN MCKEON	(630) 217-9384
CITY OF FORT MYERS	ANGELO THOMAS	(239) 321-7463
COMCAST	SCOTT LETZELTER	(239) 986-6975
CROWN CASTLE	CHUCK FERGUSON	(570) 872-6637
FP&L DISTRIBUTION	CHRIS MCJUNKIN	(941) 423-4833
LEE COUNTY UTILITIES	WILLIAM HULL	(239) 533-8162
LEE COUNTY TECHNOLOGY	ADAM BOISSIERE	(239) 533-7371
LEE COUNTY TRAFFIC	MICHAEL PADGETT	(239) 533-9500
SUMMIT	BETSY BECKER	(407) 468-5735
TECO PEOPLE'S GAS	ANTHONY BAUBLITZ	(941) 342-4025

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DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (1)

SHEET NO. 155

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

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3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN IN PLACE
AT&T TRANSMISSION

10" WATER MAIN / TO REMAIN
CITY OF FORT MYERS (CFM)

24"X36"X24" HH 20+00
92' LT / PROPOSED
SUMMIT BROADBAND

EXIST. POST
EXIST. POLE
EXIST. ARV / REMOVE VALVE
EXT., BOX, PAD & ID
LEE COUNTY UTILITIES (LCU)

EXIST. POST

TH-6
+59.12, 83.05' LT.

EXIST. POST

EXIST. POLE

BFO (24) / TO REMAIN
CENTURY LINK

HH / PROPOSED
CENTURY LINK

HH # 424365/ REMOVE
CENTURY LINK

BFO (25) / TO REMAIN
CENTURY LINK

OT (25) / TO REMAIN
CENTURY LINK

CTL / ADJUST PED # 333286
TO FINAL GRADE DURING
CONSTRUCTION

0H FOC (288) / PROPOSED
CENTURY LINK

10" WM / TO REMAIN
CITY OF FORT MYERS (CFM)

OT 2-50 / TO REMAIN
CENTURY LINK

BT (200) / TO REMAIN
CENTURY LINK

EXIST. POLE

6" PVC WM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

16" WM / TO BE REMOVED
LEE COUNTY UTILITIES (LCU)

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION

EXIST. R/W LINE

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

20" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. POLE

TH-8
+54.64, 79.75' LT.

TH-8A
+56.36, 80.69' LT.

EXIST. POLE

BTV / TO REMAIN
COMCAST

4" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

16" DIP WM / PLACE OUT
OF SERV. & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

TH-7
+60.36, 77.25' LT.

BFO (288) / PROPOSED
CENTURY LINK

ORTIZ AVE.

10" PVC WM / PROPOSED
CITY OF FORT MYERS (CFM)

8" PVC RAW WM/ TO REMAIN
CITY OF FORT MYERS (CFM)

2" WM / TO BE REMOVED
LEE COUNTY UTILITIES (LCU)

BFO (24) / PLACE OUT OF SERV.
CENTURY LINK

BFO 144 & 48 / TO BE REMOVED
ITG / LEE COUNTY DOT

16" PVC WM C905
DR 25 CL 165 / PROP.
CITY OF FORT MYERS (CFM)

4" COATED STL GM /
PLACED OUT-OF-SERVICE
TECO

℄ CONST. ORTIZ AVE.

20 21 22 23 24 25

3-1.25" CONDUIT / OUT OF SERV.
SUMMIT BROADBAND

4" COATED STL GM / PLACE OUT-OF-SERV.
TECO PEOPLE GAS

HANDHOLE / TO BE RELOC.
CENTURY LINK

BFO (72) / TO REMAIN
CENTURY LINK

BFO (72) / OUT OF SERV.
CENTURY LINK

BFO (72) / PLACE OUT OF SERV.
CENTURY LINK

ORTIZ AVE

BFO (24) / TO REMAIN
CENTURY LINK

BFO (288) / PLACE OUT OF SERV.
CENTURY LINK

PROP. 16" WM - DIP CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

EXIST. POST

EXIST. CONSERVATION EASEMENT
EXIST. DRAINAGE EASEMENT

4-1.5" CONDUITS
W/48 BFO / OUT OF SERV.
ITG

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

4" PE GM BY DIRECTIONAL BORE
/OPEN TRENCH @ SPECIFIED MIN.
DEPTH OF COVER / PROPOSED
TECO

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

16" PVC WM C905 DR 25 CL 165/PROP.
CITY OF FORT MYERS (CFM)

EXIST. R/W LINE

10" HDPE WM / TO REMAIN
CITY OF FORT MYERS (CFM)

CTL / RELOCATE HH # 424380
& USE SLACK FROM BFO 24, 72
& 288 TO MOVE TO RELOCATED HH

3-125" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

4" PVC FM C900 DR 18 CL 150 / PROP.
CITY OF FORT MYERS (CFM)

BFO / TO BE PROTECTED/MANTAINED
UNTIL PROP. BFO INSTALLED AND
OPERATIONAL
LEE COUNTY TRAFFIC

0 10 40
Feet

*NOTE:
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (2)

SHEET NO. 156

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N

0 10 40
Feet

3-1.25" ORANGE CONDUITS 90' LT AND FOC / PROPOSED SUMMIT BROADBAND
TH-10 +32.83, 90.04' LT.
8" PVC RAW WM/ TO REMAIN CITY OF FORT MYERS (CFM)
EXIST. POLE
TH-11 +55.38, 80.02' LT.
OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT
EXIST. ARV / REMOVE VALVE EXT., BOX, PAD & ID LEE COUNTY UTILITIES (LCU)
2" PVC WM / PLACE OUT OF SERV. & GROUT IN PLACE LEE COUNTY UTILITIES (LCU)
OH FOC (288) / PROPOSED CENTURY LINK
EXIST. R/W LINE
EXIST. POLE
3-1.25" ORANGE CONDUITS AND FOC / PROPOSED SUMMIT BROADBAND
OT (2-50) / TO REMAIN CENTURY LINK
3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN AT&T TRANSMISSION
BT (200) / TO REMAIN CENTURY LINK
16" WM / TO BE REMOVED LEE COUNTY UTILITIES (LCU)
BT (25) / PLACE OUT OF SERV. CENTURY LINK
OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT
20" PVC NPW / TO REMAIN CITY OF FORT MYERS (CFM)
EXIST. POLE
6" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM)
EXIST. POLE
16" WM / TO BE REMOVED LEE COUNTY UTILITIES (LCU)
16" DIP WM / PLACE OUT OF SERV. & GROUT IN PLACE LEE COUNTY UTILITIES (LCU)
TH-9 +30.28, 71.54' LT.
BE <50KV / TO PROTECT FLORIDA POWER AND LIGHT
EXIST. POLE / TO BE REMOVED FLORIDA POWER & LIGHT
BE <50KV / TO PROTECT FLORIDA POWER AND LIGHT
2"PVC WM / TO BE REMOVED OR GROUTED CITY OF FORT MYERS (CFM)
24"X36"X24" HH 28+00
91' LT / PROPOSED SUMMIT BROADBAND
OE <50KV / TO BE REMOVED FLORIDA POWER AND LIGHT
ORTIZ AVE.
BTV / TO REMAIN COMCAST
4" PVC FM / TO BE REMOVED CITY OF FORT MYERS (CFM)
16" DIP WM / PLACE OUT OF SERV. & GROUT IN PLACE LEE COUNTY UTILITIES (LCU)
BT (25) / PLACE OUT OF SERV. CENTURY LINK
BFO 144 & 48 / TO BE REMOVED ITG / LEE COUNTY DOT
4-1.5" CONDUITS W/48 BFO / OUT OF SERV. ITG
4" COATED STL GM / PLACE OUT-OF-SERVICE TECO PEOPLE GAS
BFO / TO REMAIN LEE COUNTY TRAFFIC
℄ CONST. ORTIZ AVE.
3-1.25" CONDUIT / OUT OF SERVICE SUMMIT BROADBAND
BFO (72) / P LACE OUT OF SERVICE CENTURY LINK
BFO (72) / OUT OF SERVICE CENTURY LINK
BFO (288) / PLACE OUT OF SERVICE CENTURY LINK
BFO / TO REMAIN LEE COUNTY TRAFFIC
24" x 36" HH / PROPOSED SUMMIT BROADBAND
EXIST. LIGHT POLE TO BE REMOVED
EXIST. LIGHT POLE TO BE REMOVED
3-1.25" CONDUIT / OUT OF SERVICE SUMMIT BROADBAND
BFO (72) / PLACE OUT OF SERV. CENTURY LINK
BFO (288) / PLACE OUT OF SERV. CENTURY LINK
(2) 1.25" HDPE CONDUITS / TO REMAIN CROWN CASTLE FIBER
ORTIZ AVE.
EXIST. LIGHT POLE TO BE REMOVED
EXIST. DRAINAGE EASEMENT
EXIST. CONSERVATION EASEMENT
10" HDPE WM / TO REMAIN CITY OF FORT MYERS (CFM)
EDISON APTS ENTRANCE
CHURCH ENTRANCE
EXIST. R/W LINE
EXIST. LIGHT POLE
3-125" ORANGE CONDUITS AND FOC / PROPOSED SUMMIT BROADBAND
4" PE GM BY DIRECTIONAL BORE /OPEN TRENCH@ SPECIFIED MIN. DEPTH OF COVER/PROP. TECO
16" WM - DIP CL250 / PROPOSED LEE COUNTY UTILITIES (LCU)
3-1.25" ORANGE CONDUIT AND FOC / PROPOSED SUMMIT BROADBAND
BURIED CONDUIT / TO REMAIN SUMMIT BROADBAND
EXIST. LIGHT POLE
6" PVC WM / TO BE REMOVED OR GROUTED CITY OF FORT MYERS (CFU)
16" WM - DIP CL250 / PROPOSED LEE COUNTY UTILITIES LCU
3-125" ORANGE CONDUITS AND FOC / PROPOSED SUMMIT BROADBAND
(6) 1.25" CONDUITS 288 COUNT SM FOC / PROPOSED LEE COUNTY DOT & ITG
4" PVC FM C900 DR 18 CL 150 / PROP. CITY OF FORT MYERS (CFM)
BFO / TO BE PROTECTED/MANTAINED UNTIL PROP. BFO INSTALLED AND OPERATIONAL LEE COUNTY TRAFFIC
EXIST. POLE
POND 1 BOTTOM ELEV. +/-7.0
POND 2 BOTTOM ELEV. +/-7.0
26 27 28 29 30

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (3)

SHEET NO. 157

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

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N

0 10 40
Feet

OH FOC (288) / PROPOSED
CENTURY LINK

8" PVC RAW WM/ TO REMAIN
CITY OF FORT MYERS (CFM)

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

EXIST. R/W LINE

EXIST. POLE

16" WM / TO BE REMOVED
LEE COUNTY UTILITIES (LCU)

16" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

OT (2-50) / TO REMAIN
CENTURY LINK

FOC (288) / PROPOSED
CENTURY LINK

6" PVC WM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

16" DIP WM / PLACE OUT
OF SERV. & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

BT (200) / TO REMAIN
CENTURY LINK

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION

BFO (288) / PROPOSED
CENTURY LINK

HH / PROPOSED
CENTURY LINK

24"X36"X24" HH 33+95
85' LT / PROPOSED
SUMMIT BROADBAND

TH-12
+70.32, 89.63' LT.

BT (100) / TO REMAIN
CENTURY LINK

TH-13
+72.44, 87.24' LT.

TH-14
+74.23, 72.52' LT.

TH-16
+37.19, 74.80' LT.

CONC. MH / TO BE RAISED
TO PROP. FINAL GRADE
AT&T TRANSMISSION

TH-15
+34.22, 72.02' LT.

24"X36"X24" HH 36+20
85' LT / PROPOSED
SUMMIT BROADBAND

4" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

16" DIP WM / PLACE OUT
OF SERV. & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

OE <50KV / TO BE REMOVED
FLORIDA POWER AND LIGHT

BFO 144 & 48 / TO BE REMOVED
ITG / LEE COUNTY DOT

EXIST. POLE / TO BE REMOVED
FLORIDA POWER & LIGHT

4" COATED STEEL GM / PLACE OUT-OF-SERVICE
TECO PEOPLE GAS

HANDHOLE / TO BE REMOVED
CENTURY LINK / CROWN CASTLE FIBER

ORTIZ AVE.

HH / TO BE REMOVED
SUMMIT BROADBAND

BTV / TO REMAIN
COMCAST

4" PVC FM / TO REMAIN / GROUTED
CITY OF FORT MYERS (CFM)

6" PVC WATER SERV. CON.
TO BE REMOVED OR GROUTED
CITY OF FORT MYERS (CFM)

BFO / TO REMAIN
LEE COUNTY TRAFFIC

24"x36" VAULT / TO BE REMOVED
SUMMIT BROADBAND

3-1.25" CONDUIT / OUT OF SERVICE
SUMMIT BROADBAND

6" PVC WATER SERV. CON.
/ TO BE REMOVED OR GROUTED
CITY OF FORT MYERS (CFM)

BT (100) / TO REMAIN
CENTURY LINK

4" STL GM / TO BE REMOVED
TECO

4-1.5" CONDUITS
W/48 BFO / OUT OF SERV.
ITG

℄ CONST. ORTIZ AVE.

31 32 33 34 35 36

BFO (72) / OUT OF SERVICE
CENTURY LINK

BFO (72) / PLACE OUT OF SERV
CENTURY LINK

BFO (288) / PLACE OUT OF SERV.
CENTURY LINK

3-1.25" CONDUIT / OUT OF SERVICE
SUMMIT BROADBAND

BFO (288) / PLACE OUT OF SERVICE
CENTURY LINK

BFO (72) / PLACE OUT OF SERVICE
CENTURY LINK

TH-25
+27.74, 28.47' RT.

BFO (216) / TO REMAIN
FIBER SOLUTIONS

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

BFO (72) / OUT OF SERVICE
CENTURY LINK / CROWN CASTLE FIBER

TH-24
+13.72, 99.47' RT.

TH-23
+13.52, 104.65' RT.

TH-22
+12.70, 107.11' RT.

POND 3

POND BOTTOM EL. 19.6

+42.3
94.7' RT

+81.0
96.3' RT

EXIST. LIFT STATION

SCOFIELD ST.

EXIST. R/W LINE

3-125" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

16" PVC WM C905 DR 25 CL 165 / PROP
CITY OF FORT MYERS (CFM)

EXIST. DRAINAGE EASEMENT

BFO / TO BE PROTECTED/MANTAINED
UNTIL PROP. BFO INSTALLED AND
OPERATIONAL
LEE COUNTY TRAFFIC

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

4" PVC FM C900 DR 18 CL 150 /PROP
CITY OF FORT MYERS (CFM)

16" WM - DIP CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

4" PE GM BY DIRECTIONAL
BORE/OPEN TRENCH
@ SPECIFIED MIN. DEPTH OF COVER
TECO

24" x 36" x 24" HH / PROPOSED
SUMMIT BROADBAND

BURIED CONDUIT / TO REMAIN
SUMMIT BROADBAND

BFO (24) / PLACE OUT OF SERV.
CENTURY LINK

HH / PROPOSED
CENTURY LINK

BFO 144 & 48 / TO BE REMOVED
ITG / LEE COUNTY DOT

BFO (288) / PROPOSED
CENTURY LINK

BFO (50) / TO REMAIN
CENTURY LINK

BFO (72) / PROPOSED
CENTURY LINK

BFO (50) / TO REMAIN
CENTURY LINK

BFO (288) / PROPOSED
CENTURY LINK

CTL / RELOCATE HH # 304836 &
USE SLACK FROM BFO 25, 72 AND
288 TO MOVE TO RELOCATED HH

24"X36" / TO BE REMOVED
SUMMIT BROADBAND

BFO (24) / PROPOSED
CENTURY LINK

BFO (288) / TO REMAIN
CENTURY LINK

BFO / TO BE PROTECTED/MANTAINED
UNTIL PROP. BFO INSTALLED AND
OPERATIONAL
LEE COUNTY TRAFFIC

3-1.25" CONDUIT / TO BE REMOVED
SUMMIT BROADBAND

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (4)

SHEET NO. 158

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END RECONSTRUCTION
BEGIN HANSON STREET ROADWAY EXCEPTION
SAWCUT AND MATCH EXIST.
STA. 41+32.20

0 10 40
Feet

6" WATER MAIN / TO REMAIN
CITY OF FORT MYERS (CFM)

3" PVC FM / TO REMAIN
CITY OF FORT MYERS (CFM)

10" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

16" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

10" RAW WM / TO REMAIN
CITY OF FORT MYERS (CFM)

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

24" RAW WM / TO REMAIN
CITY OF FORT MYERS (CFM)

BT (100) / TO REMAIN
CENTURY LINK

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION

24" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

TH-17
+23.88, 80.87' LT.

EXIST. POLE

EXIST. R/W LINE

EXIST. POLE

EXIST. POLE

TH-18
+22.79, 76.17' LT.

24" RCWM / TO REMAIN
(CFM)

4" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

8" PVC RAW WM/ TO REMAIN
CITY OF FORT MYERS (CFM)

3-2" SCH 40 PVC W/CONC. CAP / TO BE ADJUSTED
AT&T TRANSMISSION

BTV / TO REMAIN
COMCAST

16" DIP WM /PLACE OUT OF
SERV. & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

24"X36"X24" HH 40+80
87' LT / PROPOSED
SUMMIT BROADBAND

6" PVC WM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

6" PVC WM / PROP.
CITY OF FORT MYERS (CFM)

4" COATED STL GM / PLACED
OUT-OF-SERVICE
TECO-PGS / GROUT FILLED

℄ CONST. ORTIZ AVE.

4-1.5" CONDUITS
W/48 BFO / TO BE REMOVED
ITG

BFO (216) / TO REMAIN
FIBER SOLUTIONS

37 38 39 40 41 42

PVC FM / PROP.
CITY OF FORT MYERS (CFM)

4-1.5" CONDUIT W/48 BURIED
FIBER OPTIC/OUT OF SERV.
ITG

4" COATED SL GM / PLACE OUT-OF-SERVICE
TECO PEOPLE GAS

20" HDPE WM / TO REMAIN
LEE COUNTY UTILITIES (LCU)

EXIST. LIGHT POLE

BT (100) / TO REMAIN
CENTURY LINK

+79.6
53.5' RT

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

BFO (72) / OUT OF SERVICE
CENTURY LINK

TH-20
+18.93, 71.18' RT.

8" FM / TO REMAIN
CITY OF FORT MYERS (CFM)

16" WM / TO REMAIN
CITY OF FORT MYERS (CFM)

POND BOTTOM EL. 19.6
POND 5

EXIST. POLE

4" STL GM / TO REMAIN
TECO - PGS/

BFO (288) / TO REMAIN
CENTURY LINK

EXIST. R/W LINE

TH-21
+59.77, 115.90' RT.

TH-19
+67.68, 116.08' RT.

CTL / ADJUST PED # 333291
TO FINAL GRADE DURING
CONSTRUCTION

PROP. DRAINAGE ESMT.

3-1.25" CONDUIT / TO BE REMOVED
SUMMIT BROADBAND

16" PVC WM C905
DR 25 CL 165 /PROP.
CITY OF FORT MYERS (CFM)

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

4-1 1/4" BFOC / TO REMAIN
LEE COUNTY DOT

BFO (50) / TO REMAIN
CENTURY LINK

16" WM - DIP CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

BFO / TO BE PROTECTED/MANTAINED
UNTIL PROP. BFO INSTALLED AND
OPERATIONAL
LEE COUNTY TRAFFIC

6" PVC FM C900
DR 18 CL 150/PROP.
CITY OF FORT MYERS (CFM)

BFO (50) / TO REMAIN
CENTURY LINK

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

4-1 1/4" BFOC / TO REMAIN
LEE COUNTY DOT

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (5)

SHEET NO. 159

jBernardini 7/28/2023 10:25:28 AM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\joseph bernardini\dms24051\UTADRD101.dgn

0 10 40
Feet

2" WATER MAIN / TO REMAIN
CITY OF FORT MYERS (CFM)

24" RAW WM / TO REMAIN
CITY OF FORT MYERS (CFM)

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

16" DUCTILE IRON TRANSMISSION
MAIN / TO BE REMOVED
LEE COUNTY UTILITIES (LCU)

BURIED TELEPHONE (100)
/ TO REMAIN
CENTURY LINK

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

EXIST. R/W LINE

EXIST. POLE

4" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

6" PVC WM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

EXIST. LIGHT POLE

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION

24" PVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)

2" WATER MAIN / PROPOSED
CITY OF FORT MYERS (CFM)

ORTIZ AVE.

4" COATED STEEL GAS MAIN / PLACE OUT-OF-SERVICE
TECO PEOPLE GAS

EXIST. LIGHT POLE

3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND

BFOC / TO REMAIN
UNKNOWN

BFOC / TO REMAIN
UNKNOWN

BT / TO REMAIN
UNKNOWN

BE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

EXIST. 16" DIP WM / PLACE OUT OF
SERVICE & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

20" HDPE WM / TO REMAIN
LEE COUNTY UTILITIES (LCU)

BT 50 / TO REMAIN
CENTURY LINK

OVERHEAD FIBER OPTIC
CROWN CASTLE FIBER

(2) 138 KV TRANSMISSION LINES
FLORIDA POWER & LIGHT

BE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

EXIST. POLE

BE / TO REMAIN
UNKNOWN

EXIST. LIGHT POLE

36" RAW WM / TO REMAIN
CITY OF FORT MYERS (CFM)

4" PVC FM / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. LIGHT POLE

6" HDPE FM / TO REMAIN
CITY OF FORT MYERS (CFM)

42 43 44 45 46 47

4-1.5" CONDUIT W/48 BURIED FIBER OPTIC
OUT OF SERV. / ITG

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

16" PVC WM C905 DR 25
CL 165 / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. R/W LINE

4-1 1/4" BFOC / TO REMAIN
LEE COUNTY DOT

BFO / TO REMAIN
LEE COUNTY TRAFFIC

BFO (288) / TO REMAIN
CENTURY LINK

3-1.25" CONDUIT / TO BE REMOVED
SUMMIT BROADBAND

24"X36" VAULT / TO BE REMOVED
SUMMIT BROADBAND

BURIED FIBER OPTIC (72) / OUT OF SERV.
CENTURY LINK / CROWN CASTLE FIBER

EXIST. LIGHT POLE

BE / TO REMAIN
UNKNOWN

20" HDPE WM / TO REMAIN
LEE COUNTY UTILITIES (LCU)

4" STL GM / TO REMAIN
TECO - PGS/

UG MARKER
(TO BE REMOVED)

8" PVC FM C900 DR
18 CL 150 / TO REMAIN
CITY OF FORT MYERS (CFM)

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

EXIST. LIGHT POLE

4-1.5" CONDUITS
W/48 BFO / OUT OF SERV.
ITG

OVERHEAD FIBER OPTIC
CROWN CASTLE FIBER

S-19A

S-19

(2) 138 KV TRANSMISSION LINES
FLORIDA POWER & LIGHT

100' EXIST. FPL EASEMENT

50' PROPOSED DRAINAGE EASEMENT

*NOTE:
UTILITY INFORMATION ON THIS SHEET IS BASED ON DATA PROVIDED BY UTILITY AGENCY OWNERS AND LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT TEST HOLE (TH) POINTS SHOWN AND SUMMARIZED ON SUMMARY OF VERIFICATION TABLES. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (6)

SHEET NO. 160

EXIST. LIGHT POLE
BFOC / TO REMAIN
UNKNOWN
16" PVC WM / TO REMAIN
CITY OF FORT MYERS (CFM)
8" PVC FM / TO REMAIN
CITY OF FORT MYERS (CFM)
10" RAW WM / TO REMAIN
CITY OF FORT MYERS (CFM)
EXIST. 16" DIP WM / PLACE OUT OF
SERVICE & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)
0E <50KV / TO PROTECT
FLORIDA POWER AND LIGHT
24" RAW WM / TO REMAIN
CITY OF FORT MYERS (CFM)
24" RCVC NPW / TO REMAIN
CITY OF FORT MYERS (CFM)
3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND
EXIST. LIGHT POLE
24"X36"X24" HH 48+80
84' LT / PROPOSED
SUMMIT BROADBAND
16" DUCTILE IRON TRANSMISSION MAIN / TO BE REMOVED
LEE COUNTY UTILITIES (LCU)
3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION
OVERHEAD TELEPHONE (100)
CENTURY LINK
EXIST. R/W LINE
EXIST. POLE
3-1.25" ORANGE CONDUITS
AND FOC / PROPOSED
SUMMIT BROADBAND
6" WM / TO BE REMOVED
CITY OF FORT MYERS (CFM)
24" RCWM W/ 42" STEEL
CASING / TO REMAIN
CITY OF FORT MYERS (CFM)
4" FM W/ 10" STEEL CASING / TO REMAIN
CITY OF FORT MYERS (CFM)
6" WM W/ 12" STEEL CASING / TO REMAIN
CITY OF FORT MYERS (CFM)
BE / TO REMAIN
UNKNOWN
ORTIZ AVE.
4" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)
BURIED FIBER OPTIC (72) / OUT OF SERV.
CENTURY LINK / CROWN CASTLE FIBER
4" COATED STEEL GAS MAIN / PLACE OUT-OF-SERVICE
TECO PEOPLE GAS
℄ CONST. ORTIZ AVE.
48
49
50
51
52
53
0 10 40
Feet
BE / TO REMAIN
UNKNOWN
4" COATED STL GM/ PLACED OUT-OF-SERVICE
TECO-PGS / GROUT FILLED
4-1.5" CONDUIT W/48 BURIED FIBER OPTIC
/ TO REMAIN
(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER
EXIST. LIGHT POLE
BE / TO REMAIN
UNKNOWN
20" HDPE WM / TO REMAIN
LEE COUNTY UTILITIES (LCU)
4" STL GM / TO REMAIN
TECO - PGS
S-20A
S-19B
S-20
S-21
S-19C
18" HDPE WM
DR 11 / TO REMAIN
CITY OF FORT MYERS (CFM)
4-1 1/4" BFOC / TO REMAIN
LEE COUNTY DOT
50' PROPOSED
DRAINAGE
EASEMENT
10" HDPE FM DR 11
TO REMAIN / PROP.
CITY OF FORT MYERS (CFM)
(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG
16" PVC WM C905 DR 25
CL 165 / TO REMAIN
CITY OF FORT MYERS (CFM)
24"X36" VAULT / TO BE REMOVED
SUMMIT BROADBAND
BFO / TO REMAIN
LEE COUNTY TRAFFIC
8" PVC FM C900 DR 18
CL 150 / TO REMAIN
CITY OF FORT MYERS (CFM)
3-1.25" CONDUIT / TO BE REMOVED
SUMMIT BROADBAND
PROPOSED DRAINAGE EASEMENT
BFO (288) / TO REMAIN
CENTURY LINK

*NOTE:
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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.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (7)

SHEET NO. 161

END HANSON STREET ROADWAY EXCEPTION
BEGIN RECONSTRUCTION
SAWCUT AND MATCH EXIST.
STA. 55+35.10

3-1.25" ORANGE CONDUITS AND FOC / PROPOSED SUMMIT BROADBAND

OT (100) / TO REMAIN CENTURY LINK

OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT

24"X36"X24" HH 56+00 86' LT / PROPOSED SUMMIT BROADBAND

24" REUSE WM C900 DR 25 CL 165 W/ OPEN CUT 42" STEEL CASING / PROP. CITY OF FORT MYERS (CFM)

24" WATER MAIN / TO REMAIN CITY OF FORT MYERS (CFM)

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN AT&T TRANSMISSION

24" RAW WM / TO REMAIN CITY OF FORT MYERS (CFM)

6" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM)

24" PVC NPW / TO REMAIN CITY OF FORT MYERS (CFM)

EXIST. POLE

EXIST. R/W LINE

EXIST. POLE

EXIST. LIGHT POLE

BE / TO REMAIN UNKNOWN

4" PVC FM / TO BE REMOVED CITY OF FORT MYERS (CFM)

BTV / TO REMAIN COMCAST

16" DUCTILE IRON TRANSMISSION MAIN / TO BE REMOVED LEE COUNTY UTILITIES (LCU)

ORTIZ AVE.

4-1.5" CONDUITS W/48 BFO / OUT OF SERV. ITG

℄ CONST. ORTIZ AVE.

4" COATED STEEL GAS MAIN / PLACE OUT-OF-SERVICE TECO PEOPLE GAS / GROUT FILLED

BFO (72) / OUT OF SERVICE CENTURY LINK

54 55 56 57 58

16" PVC WM C905 DR 25 CL 165 / TO REMAIN CITY OF FORT MYERS (CFM)

EXIST. LIGHT POLE

20" HDPE WM / TO REMAIN LEE COUNTY UTILITIES (LCU)

BE / TO REMAIN UNKNOWN

(2) 1.25" HDPE CONDUITS / TO REMAIN CROWN CASTLE FIBER

BFO (216) / TO REMAIN FIBER SOLUTIONS

UG MARKER TO REMAIN

POND BOTTOM EL. 19.6

POND 4

4" STL GM / TO REMAIN MONITOR & ADJUST AS NEEDED

CS-4

S-22

EXIST. R/W LINE

4.90'

S-23

5.25'

16" PVC WM C905 DR 25 CL 165 / PROP. CITY OF FORT MYERS (CFM)

8" PVC FM C900 DR 18 CL 150/PROP CITY OF FORT MYERS (CFM)

24"X36" VAULT / TO BE REMOVED SUMMIT BROADBAND

BFO / TO REMAIN LEE COUNTY TRAFFIC

BFO (288) / TO REMAIN CENTURY LINK

(6) 1.25" CONDUITS 288 COUNT SM FOC / PROPOSED LEE COUNTY DOT & ITG

PROPOSED DRAINAGE EASEMENT

3-1.25" CONDUIT / TO BE REMOVED SUMMIT BROADBAND

16" WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)

8" PVC FM C900 DR 18 CL 150 / TO REMAIN CITY OF FORT MYERS (CFM)

4-1 1/4" BFOC / TO REMAIN LEE COUNTY DOT

*NOTE:
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0 10 40
Feet

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

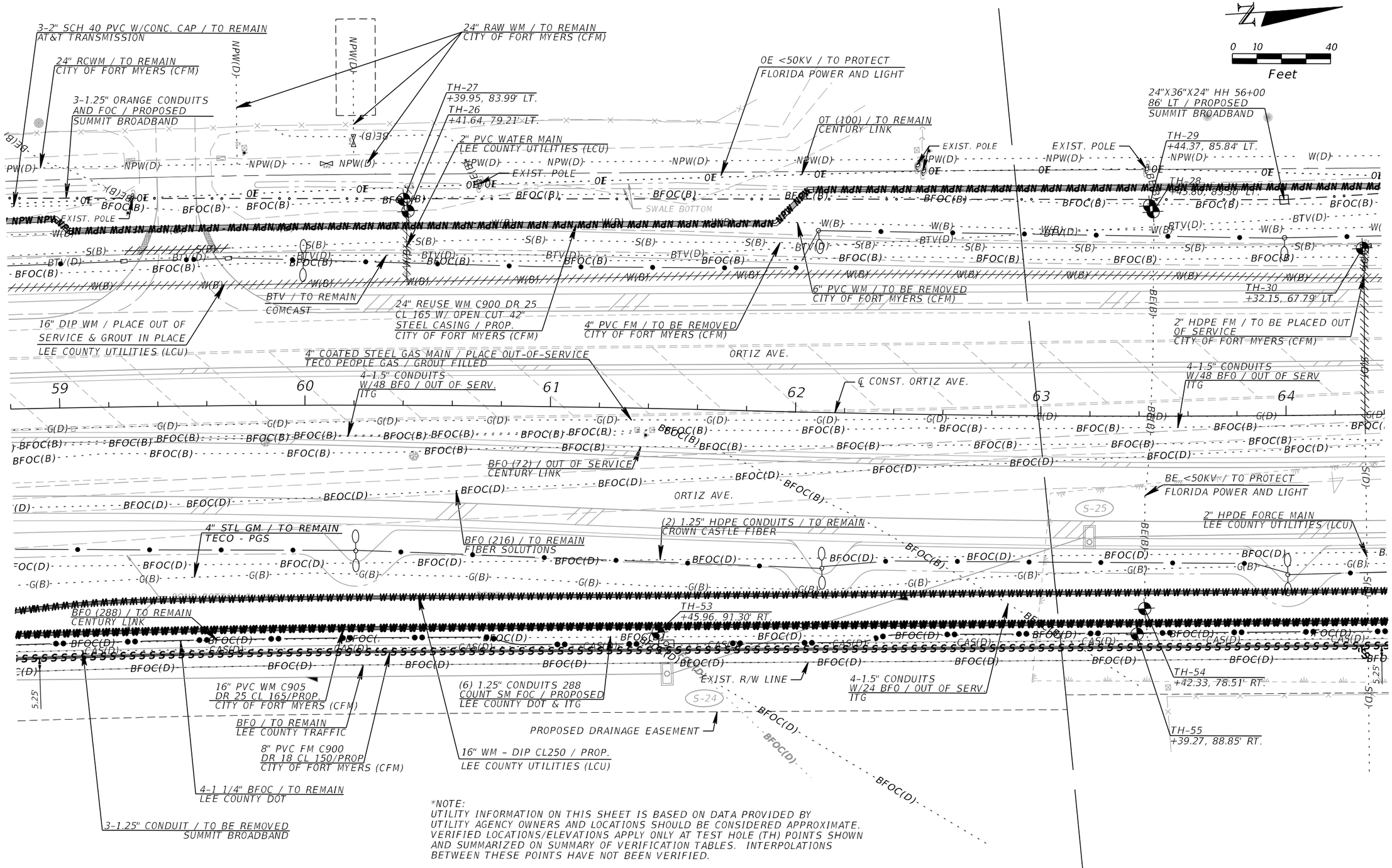
KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (8)

SHEET NO. 162



*NOTE:
UTILITY INFORMATION ON THIS SHEET IS BASED ON DATA PROVIDED BY UTILITY AGENCY OWNERS AND LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT TEST HOLE (TH) POINTS SHOWN AND SUMMARIZED ON SUMMARY OF VERIFICATION TABLES. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

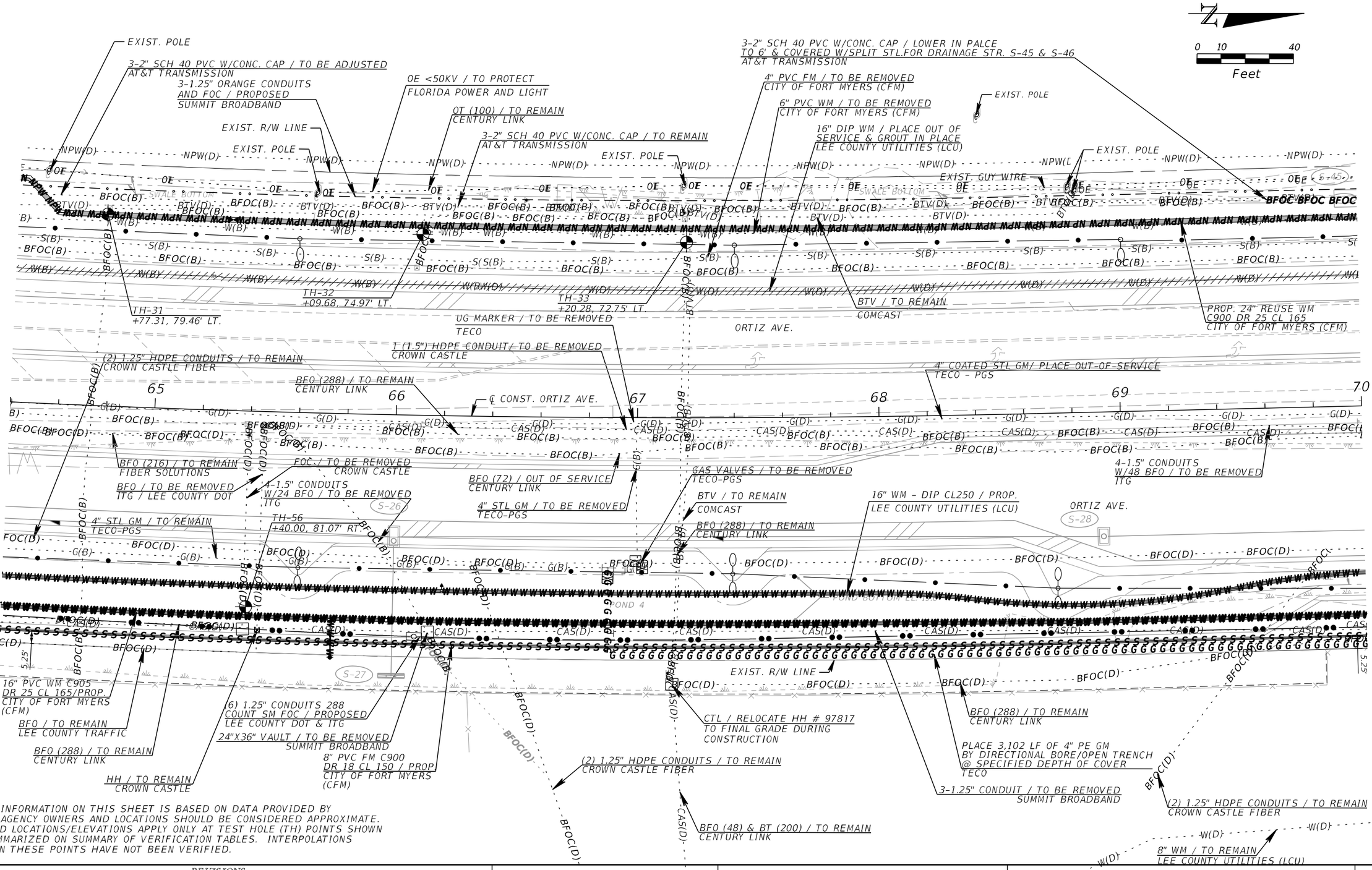
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (9)

SHEET NO. 163

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



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (10)

SHEET NO. 164

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

jBernardini 7/28/2023 10:25:31 AM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\joseph bernardini\dms24051\UTADRD101.dgn

3-2" SCH 40 PVC W/CONC. CAP / LOWER IN PALCE TO 6' & COVERED W/SPLIT STL.FOR DRAINAGE STR. S-45 & S-46
AT&T TRANSMISSION

3-1.25" ORANGE CONDUITS AND FOC / PROPOSED SUMMIT BROADBAND

OT (100) / TO REMAIN
CENTURY LINK

EXIST. POLE

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

EXIST. GUY WIRE

BURIED HH / PROPOSED
AT&T TRANSMISSION

EXIST. POLE

CONC. MH / TO BE REMOVED
AT&T TRANSMISSION

TH-34A
+72.54, 84.48' LT.

NORSTAR APTS ENTRANCE

10" PVC WATER SERV.
CON. / TO REMAIN
CITY OF FORT MYERS (CFM)

EXIST. POLE

TH-34
+72.56, 85.15' LT.

24"X36"X24" HH 72+00
84' LT / PROPOSED
SUMMIT BROADBAND

PROP. 24" REUSE WM
C900 DR 25 CL 165 W/
OPEN CUT 42" STEEL CASING
CITY OF FORT MYERS (CFM)

BTV / TO REMAIN
COMCAST

10" PVC WM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

OE <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

16" DIP WM / PLACE OUT OF SERVICE &
GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

3-2" SCH 40 PVC W/CONC. CAP / TO BE ADJUSTED
AT&T TRANSMISSION

3-1.25" ORANGE CONDUITS
86' LT AND FOC / PROPOSED
SUMMIT BROADBAND

EXIST. POLE

4" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

EXIST. R/W LINE

TH-36
+99.93, 95.92' LT.

OE <50KV / PROPOSED
FLORIDA POWER AND LIGHT

OE <50KV / TO BE REMOVED
FLORIDA POWER AND LIGHT

EXIST. POLE

TH-36A
+99.85, 95.43' LT.

TH-35
+00.68, 89.34' LT.

POLE / PROPOSED
FP&L

EXIST. POLE /
TO BE REMOVED
FP&L

0 10 40
Feet

3-1.25" ORANGE CONDUITS
96' LT AND FOC / PROPOSED
SUMMIT BROADBAND

BE <50KV / TO BE REMOVED
FLORIDA POWER AND LIGHT

PROP. 10" PVC WM
C900 DR18 CL 150 W/ 20"
STEEL CASING JACK & BORE
CITY OF FORT MYERS (CFM)

8" PVC WM / PLACE OUT OF
SERVICE & GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

EXIST. 2" HDPE FM
/TO BE PLACED OUT
OF SERVICE
CITY OF FORT MYERS (CFM)

BFO (24) / TO REMAIN
CENTURY LINK

4" COATED STEEL GAS MAIN
/ PLACE OUT-OF-SERVICE
TECO PEOPLE GAS

16" DIP WM / PLACE OUT OF SERVICE &
GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

4-1.5" CONDUITS
W/48 BFO / TO BE REMOVED
ITG

BFO (72) / OUT OF SERVICE
CENTURY LINK

CTL / HH # 97815 BUT WITH MH LID
RAISE FRAME AND COVER TO FINAL
GRADE DURING CONSTRUCTION

1 1/2" GALV. WM / TO BE
PLACED OUT OF SERVICE
CITY OF FORT MYERS (CFM)

℄ CONST. ORTIZ AVE.

BFO (36) / TO REMAIN
CENTURY LINK

70 71 72 73 74 75

HH / TO BE REMOVED
CROWN CASTLE

(4) 1.25" HDPE CONDUITS / TO BE REMOVED
CROWN CASTLE FIBER

1 (1.5") HDPE CONDUIT/ TO BE REMOVED
CROWN CASTLE

BFO / TO REMAIN
UNKNOWN

ORTIZ AVE

16" WM - DIP CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

BT (400) / TO REMAIN
CENTURY LINK

BFO (72) / TO REMAIN
CENTURY LINK

BFO (36) / TO REMAIN
CENTURY LINK

BFO / TO REMAIN
LEE COUNTY TRAFFIC

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

TH-57
+81.07, 64.74' RT.

HH / TO BE REMOVED
CROWN CASTLE

EXIST. LIGHT POLE

BT (100) / PROPOSED
CENTURY LINK

24"X36" VAULT / TO BE REMOVED
SUMMIT BROADBAND

BT (400) / TO REMAIN
CENTURY LINK

BT (200) / TO REMAIN
CENTURY LINK

CTL / RELOCATE HH # 97835
TO FINAL GRADE DURING
CONSTRUCTION

BT (900) / TO REMAIN
CENTURY LINK

BFO (288) / TO REMAIN
CENTURY LINK

CTL / RELOCATE PED # 23375
TO FINAL GRADE DURING
CONSTRUCTION

CTL / RELOCATE HH # 97816
TO FINAL GRADE DURING
CONSTRUCTION

12" DIP WM - CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

BT (200) / TO REMAIN
CENTURY LINK

3-1.25" CONDUIT / TO BE REMOVED
SUMMIT BROADBAND

EXIST. R/W LINE

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

CTL / RAISE XBOX # 23375
TO FINAL GRADE DURING
CONSTRUCTION

PLACE 4" PE GM
BY DIRECTIONAL BORE/OPEN TRENCH
@ SPECIFIED MIN. DEPTH OF COVER
TECO

8" PVC FM C900 DR 18 CL 150 / PROP
CITY OF FORT MYERS (CFM)

16" PVC WM C905
DR 25 CL 165 / PROP
CITY OF FORT MYERS (CFM)

BT (900) / TO REMAIN
CENTURY LINK

8" WM / TO REMAIN
LEE COUNTY UTILITIES
(LCU)

BFO (48 & 288) / TO REMAIN
CENTURY LINK

BT (100) / TO REMAIN
CENTURY LINK

1-4" CONDUITS
W/24 BFO / TO BE RELOCATED
ITG

*NOTE:
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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 DRIVEWAY & UTILITY DESIGN UPDATE		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (11)

SHEET NO. 165

jvillafuerte 12/6/2024 2:43:43 PM c:\pww\kca_prod\dms83769\UTADRD101.dgn

3-1.25" ORANGE CONDUITS & FOC / PROPOSED SUMMIT BROADBAND

24" PVC / REUSE WM C900 DR 25 CL 165 / PROP. CITY OF FORT MYERS (CFM)

6" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM)

BE / PROPOSED FLORIDA POWER AND LIGHT

BE <50KV / TO BE REMOVED FLORIDA POWER AND LIGHT

POLE / PROPOSED FP&L

1A HH # TO BE REMOVED CROWN CASTLE

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN AT&T TRANSMISSION

BE <50KV / TO PROTECT FLORIDA POWER AND LIGHT

EXIST. R/W LINE

BFO (24) / TO REMAIN CENTURY LINK

24"X36"X24" HH 79+30 85' LT / PROPOSED SUMMIT BROADBAND

2" PVC WM / TO BE REMOVED LEE COUNTY UTILITIES (LCU)

3-1.25" ORANGE CONDUITS & FOC / PROPOSED SUMMIT BROADBAND

EXIST. POLE

6" PVC TEMP FIRE LINE SERVICE CONNECTION / TO REMAIN CITY OF FORT MYERS (CFM)

10" WM / TO REMAIN CITY OF FORT MYERS (CFM)

EXIST. GUY WIRE

24"X36"X24" HH 80+00 94' LT / PROPOSED SUMMIT BROADBAND

OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT

EXIST. POLE

TH-39 +65.02, 92.47' LT.

TH-40 +63.23, 74.91' LT.

TH-38 +63.52, 66.70' LT.

TH-37 +56.43, 85.22' LT.

BFO (24) / TO REMAIN CENTURY LINK

BFO (36) / TO REMAIN CENTURY LINK

6" PVC FM / TO BE REMOVED CITY OF FORT MYERS (CFM)

16" DIP WM / PLACE OUT OF SERVICE & GROUT IN PLACE LEE COUNTY UTILITIES (LCU)

BFO (36) / TO REMAIN CENTURY LINK

BTV / TO REMAIN COMCAST

3-1.25" ORANGE CONDUITS & FOC / PROPOSED SUMMIT BROADBAND

12" PVC WM / PROP CITY OF FORT MYERS (CFM)

12" WM / TO BE PLACED OUT OF SERVICE CITY OF FORT MYERS (CFM)

12" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM)

HH / TO BE RELOCATED LEE COUNTY DOT

CTL / RELOCATE HH # 93788 USE SLACK FROM BFO 24 & 72 TO MOVE TO RELOCATED HH

ORTIZ AVE.

(4) 1.25" HDPE CONDUITS / TO BE REMOVED CROWN CASTLE FIBER

6" PVC WM / PLACE OUT OF SERVICE & GROUT IN PLACE CITY OF FORT MYERS (CFM)

4" COATED STEEL GAS MAIN / PLACE OUT OF SERVICE TECO PEOPLE GAS

4-1.5" CONDUITS W/48 BFO / TO BE REMOVED ITG

BFO / TO REMAIN LEE COUNTY TRAFFIC

C CONST. ORTIZ AVE.

BFO (72) / TO REMAIN CENTURY LINK

BT (400) / TO REMAIN CENTURY LINK

BFO (36) / TO REMAIN CENTURY LINK

4-1.5" CONDUITS W/48 BFO / TO BE REMOVED ITG

16" WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)

(2) 1.25" HDPE CONDUITS / TO REMAIN CROWN CASTLE FIBER

BT (200) / TO REMAIN CENTURY LINK

+83.3 93.6' RT

+25.3 93.5' RT

EXIST. LIGHT POLE TO BE REMOVED

BT (400) / TO REMAIN CENTURY LINK

24"X36" VAULT / TO BE REMOVED SUMMIT BROADBAND

BT (200) / TO REMAIN CENTURY LINK

OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT

EXIST. POLE / TO BE REMOVED FLORIDA POWER AND LIGHT

BFO (24) / TO REMAIN CENTURY LINK

TH-61 +51.04, 7.20' RT.

TH-59 +07.59, 84.70' RT.

EXIST. R/W LINE

TH-58 +11.79, 83.00' RT.

TH-60 +75.03, 48.81' RT.

3-1.25" CONDUIT / TO BE REMOVED SUMMIT BROADBAND

PLACE 4" PE GM BY DIRECTIONAL BORE/OPEN TRENCH @ SPECIFIED MIN. DEPTH OF COVER TECO

(6) 1.25" CONDUITS 288 COUNT SM FOC / PROPOSED LEE COUNTY DOT & ITG

PROP. 8" PVC FM C900 DR 18 CL 150 W/ 16" STEEL CASING CITY OF FORT MYERS (CFM)

FORT MYERS WORK CAMP ENTRANCE

16" WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)

PROP. 16" PVC WM C905 DR 25 CL 165 W/ 30" STEEL CASING CITY OF FORT MYERS (CFM)

24"X36" VAULT / TO BE REMOVED SUMMIT BROADBAND

BT (50) / TO REMAIN CENTURY LINK

BT (300) / TO REMAIN CENTURY LINK

BFO (24) / TO REMAIN CENTURY LINK

GRAVITY SEWER / TO REMAIN CITY OF FORT MYERS (CFM)

POLE / RELOCATED FLORIDA POWER AND LIGHT

GRAVITY SEWER / TO REMAIN CITY OF FORT MYERS (CFM)

EXIST. POLE

3-1.25" CONDUIT / TO BE REMOVED

0 10 40 Feet

*NOTE:
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (12)

SHEET NO. 166

jBernardini 7/28/2023 10:25:32 AM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\joseph bernardini\dms24051\UTADRD101.dgn

1A RELOCATE HH # 971777 & USE SLACK FROM BFO 24 & 72 TO MOVE TO RELOCATED HH

1B HANDHOLE / TO BE REMOVED (LEE COUNTY ITG)

1C HH # TO BE REMOVED CROWN CASTLE

1D 6-1.25" HDPE CONDUITS CROWN CASTLE

2A RELOCATE HH # 97162 & USE SLACK FROM BFO 24, 36 &72 TO MOVE TO RELOCATED HH

2B BFO (24) / PROPOSED CENTURY LINK

2C BFO (72) / PROPOSED CENTURY LINK

2D BFO (36) / PROPOSED CENTURY LINK

2E BFO / TO BE REMOVED ITG

3A 24"X36" VAULT/ TO REMAIN SUMMIT BROADBAND

3B 3-1.25" ORANGE CONDUIT/ TO REMAIN SUMMIT BROADBAND

4A BFO (24) / TO REMAIN CENTURY LINK

0 10 40 Feet

6" PVC FM / TO REMAIN CITY OF FORT MYERS (CFM) BFO (24) / TO REMAIN CENTURY LINK

24" WATER MAIN / TO REMAIN CITY OF FORT MYERS (CFM)

8" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM)

EXIST. GUY WIRE

EXIST. POLE

EXIST. GUY WIRE

FIBER CABINET CENTURY LINK

2" PVC WATER MAIN LEE COUNTY UTILITIES (LCU)

24" PVC REUSE WM, C900 DR 25 CL 165 / PROPOSED CITY OF FORT MYERS (CFM)

EXIST. DRAINAGE EASEMENT

EXIST. LIFT STATION

TH-41 +33.36, 92.46' LT.

TH-42 +27.68, 73.75' LT.

16" DIP WM / PLACE OUT OF SERVICE & GROUT IN PLACE LEE COUNTY UTILITIES (LCU)

BFO (24) / TO REMAIN CENTURY LINK

6" PVC FM / TO BE REMOVED CITY OF FORT MYERS (CFM)

2" PVC WM / TO BE REMOVED LEE COUNTY UTILITIES (LCU)

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN AT&T TRANSMISSION

24"X36"24" HH / PROPOSED SUMMIT BROADBAND

4-1.5" CONDUITS W/48 BFO / TO REMAIN ITG

6" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM) TH-44 +49.01, 89.67' LT.

3-1.25" ORANGE CONDUIT & FOC / PROPOSED SUMMIT BROADBAND

12" PVC WM / TO BE REMOVED CITY OF FORT MYERS (CFM)

BFO (24) / TO REMAIN CENTURY LINK

4" COATED STL GM / PLACE OUT-OF-SERVICE TECO PEOPLE GAS

4-1.5" CONDUITS W/48 BFO / TO BE REMOVED ITG

BFO (72) / TO REMAIN CENTURY LINK

3-1.25" CONDUIT AND FOC / PROPOSED SUMMIT BROADBAND

TH-43 +24.77, 64.15' LT. ORTIZ AVE.

+21.0 62.0' LT

BTV / TO REMAIN COMCAST

4-1.5" CONDUITS W/48 BFO / TO BE REMOVED ITG

BFO / TO REMAIN LEE COUNTY TRAFFIC

TH-63 +31.19, 18.54' RT.

12" WATER MAIN / TO REMAIN CITY OF FORT MYERS (CFM)

BFO (36) / TO REMAIN CENTURY LINK

6" PVC FM / TO BE REMOVED OR GROUTED CITY OF FORT MYERS (CFM)

4" PE GM / PLACE OUT-OF SERVICE TECO-PGS

HANDHOLE / TO REMAIN LEE COUNTY ITG / CROWN CASTLE

4-1.5" CONDUITS W/48 BFO / TO BE REMOVED ITG

FOC / TO BE REMOVED CROWN CASTLE FIBER

(2) 1.25" HDPE CONDUITS / TO BE REMOVED CROWN CASTLE FIBER

ORTIZ AVE.

+18.5 63.0' RT

16" WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)

TH-64 +38.03, 54.18' RT.

TH-65 +63.02, 53.97' RT.

TH-67 +71.75, 51.56' RT.

TH-68A +90.90, 48.34' RT.

TH-68 +91.26, 47.56' RT.

TH-69 +00.56, 62.58' RT.

TH-71 +29.76, 61.75' RT.

TH-72 +33.64, 60.71' RT.

TH-73 +28.97, 62.75' RT.

TH-70 +26.43, 61.91' RT.

8" PVC WM /TO BE REMOVED OR GROUTED CITY OF FORT MYERS (CFM)

8"WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)

BT / TO REMAIN UNKNOWN

TH-62 +62.76, 43.90' RT.

6" PVC FM /PROPOSED CITY OF FORT MYERS (CFM)

BFO (36) / TO REMAIN CENTURY LINK

BFO (200) / TO REMAIN CENTURY LINK

BFO (400) / TO REMAIN CENTURY LINK

BFO (400) / TO REMAIN CENTURY LINK

+45.2 92.2' RT

+93.2 92.0' RT

BT (300) / TO REMAIN CENTURY LINK

EXIST. LIGHT POLE

4" COATED STL GM / PACE OUT-OF-SERVICE TECO PEOPLE GAS

4" COATED STL GM / TO REMAIN TECO PEOPLE GAS

3-1.25" CONDUIT / TO BE REMOVED SUMMIT BROADBAND

(6) 1.25" CONDUITS 288 COUNT SM FOC / PROPOSED LEE COUNTY DOT & ITG

16" PVC WM C905 DR 25 CL 165 / PROP. CITY OF FORT MYERS (CFM)

EXIST. GUY WIRE

55'-65' CONCRETE POLE /PROP FP&L

EXIST. LIFT STATION

EXIST. LIGHT POLE

8" WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)

OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT

6" PVC FM /PROPOSED CITY OF FORT MYERS (CFM)

8" PVC FM C900 DR 18 CL 150 W/ 20" STEEL CASING/PROP. CITY OF FORT MYERS (CFM)

OTV / TO REMAIN COMCAST

PLACE 4" PE GM BY DIRECTIONAL BORE/OPEN TRENCH @ SPECIFIED MIN. DEPTH OF COVER TECO

PLACE 4" PE GM BY DIRECTIONAL BORE/OPEN TRENCH @ 102" MIN. DEPTH OF COVER TECO

GUY WIRE / TO BE REMOVED FLORIDA POWER AND LIGHT

GUY WIRE / TO BE REMOVED FLORIDA POWER AND LIGHT

EXIST. POLE / TO BE REMOVED FLORIDA POWER AND LIGHT

POLE / PROPOSED FLORIDA POWER AND LIGHT

OE <50KV / TO REMAIN FLORIDA POWER AND LIGHT

BT (100) / TO REMAIN CENTURY LINK

24"X36" VAULT / TO BE REMOVED SUMMIT BROADBAND

4" PE GM / TO BE REMOVED TECO - PGS

EXIST. LIFT STATION

BFOC (36) / TO REMAIN CENTURY LINK

LEE COUNTY JAIL ENTRANCE

LIFT STATION ACCESS PANELS LOCKED

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (13)

SHEET NO. 167

N

0 10 40

Feet

4-1.5" CONDUITS
W/48 BFO / TO REMAIN
ITG

3-1.25" ORANGE CONDUITS
& FOC / PROPOSED
SUMMIT BROADBAND

24"X36"X24" HH 88+65
80' LT / PROPOSED
SUMMIT BROADBAND

24" PVC REUSE WM
C900 DR 25 CL 165
OPEN CUT 42" STEEL CASING
CITY OF FORT MYERS (CFM)

TH-46
+57.49, 89.67' LT.

16" DIP WM / PLACE OUT OF SERVICE &
GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN
AT&T TRANSMISSION

(2) 1.25" HDPE CONDUITS / TO REMAIN
CROWN CASTLE FIBER

6" PVC FM / TO BE REMOVED
CITY OF FORT MYERS (CFM)

8" PVC WM /TO BE REMOVED
CITY OF FORT MYERS (CFM)

6" PVC WM / TO BE REMOVED.
CITY OF FORT MYERS (CFM)

BFO (36) / TO REMAIN
CENTURYLINK

12" PVC WM /
TO BE REMOVED
CITY OF FORT MYERS (CFM)

TH-45
+31.64, 71.65' LT.

EDISON AVE.

TH-47
+51.68, 87.41' LT.

16" DIP WM / PLACE OUT OF SERVICE &
GROUT IN PLACE
LEE COUNTY UTILITIES (LCU)

87 88 89 90 91 92

GAS VALVES / TO BE REMOVED
TECO-PGS

℄ CONST. ORTIZ AVE.

BFO / TO REMAIN
LEE COUNTY TRAFFIC

4-1.5" CONDUITS
W/48 BFO / TO BE REMOVED
ITG

BFO (96) / TO REMAIN
CENTURY LINK

ORTIZ AVE.

4" PE GM / PLACE OUT-OF-SERVICE
TECO-PGS

4" COATED STEEL GM / PLACE OUT-OF-SERVICE
TECO PEOPLE GAS

S-42

S-41

16" WM - DIP CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

6" WM - DIP CL250 / PROP.
LEE COUNTY UTILITIES (LCU)

EXIST. GUY WIRE

POND 8

POND BOTTOM EL. 19.6

SWALE BOTTOM EL. 21.0

1-16" GV W/ BOX, & ID

EXIST. R/W LINE

EXIST. POLE

EXIST. GUY WIRE

BFO (36) / TO REMAIN
CENTURY LINK

OTV / TO REMAIN
COMCAST

EXIST. POLE

+25.5
97.0' RT

0E <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

0E <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

BT (200) / TO REMAIN
CENTURY LINK

0E <50KV / TO PROTECT
FLORIDA POWER AND LIGHT

PLACE 4" PE GM
BY DIRECTIONAL BORE/OPEN TRENCH
@ SPECIFIED MIN. DEPTH OF COVER
TECO

EXIST. AERIAL COMCAST

16" PVC WM C905
DR 25 CL 165/PROP.
CITY OF FORT MYERS (CFM)

BFOC (36) / TO REMAIN
CENTURY LINK

3-1.25" CONDUIT / TO BE REMOVED
SUMMIT BROADBAND

(6) 1.25" CONDUITS 288
COUNT SM FOC / PROPOSED
LEE COUNTY DOT & ITG

8" PVC FM
C900 DR 18 CL 150
CITY OF FORT MYERS (CFM)

EXIST. R/W LINE

*NOTE:
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REVISIONS			
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KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

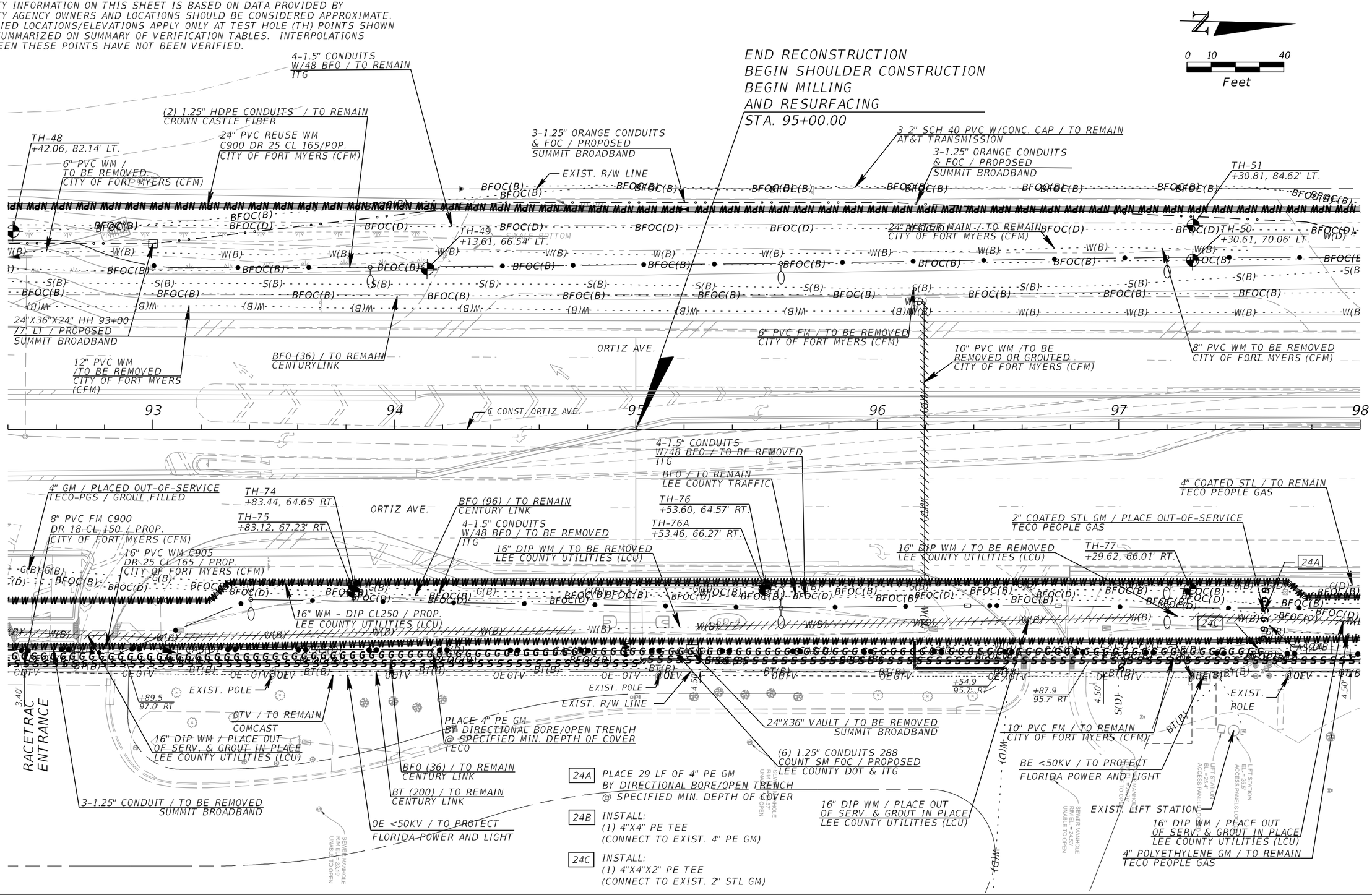
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (14)

SHEET NO. 168

*NOTE:
UTILITY INFORMATION ON THIS SHEET IS BASED ON DATA PROVIDED BY UTILITY AGENCY OWNERS AND LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT TEST HOLE (TH) POINTS SHOWN AND SUMMARIZED ON SUMMARY OF VERIFICATION TABLES. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.



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DATE	DESCRIPTION	DATE	DESCRIPTION

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13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (15)

SHEET NO. 169

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

24" PVC / PROP. WM C900 DR 25 CL 165 CITY OF FORT MYERS (CFM)
6" PVC FM / TO BE REMOVED CITY OF FORT MYERS (CFM)
4-1.5" CONDUITS W/48 BFO / TO REMAIN ITG
30" CONC. RAW WM / TO REMAIN. CITY OF FORT MYERS (CFM)
8" PVC WM / TO REMAIN. CITY OF FORT MYERS (CFM)
4-1.5" CONDUITS W/48 BFO / TO REMAIN ITG
3-1.25" ORANGE CONDUITS & FOC / PROPOSED SUMMIT BROADBAND
(2) 1.25" HDPE CONDUITS / TO REMAIN CROWN CASTLE FIBER
MH / TO BE ADJUSTED AT&T TRANSMISSION
TH-52 +47.21, 81.39' LT.
EXIST. R/W LINE
BFO (288) / TO REMAIN CENTURY LINK
36" WM / TO REMAIN CITY OF FORT MYERS (CFM)
EXIST. POLE
EXIST. LIGHT POLE
BFO (36) / TO REMAIN CENTURYLINK
BFO (288) / TO REMAIN CENTURYLINK
BFO (36) / TO REMAIN CENTURYLINK
BFO (96) / TO REMAIN CENTURYLINK
BFO (96) / TO REMAIN CENTURYLINK
6" PVC FM / TO REMAIN CUT AND CAP CITY OF FORT MYERS (CFM)
14"X36"X24" HH 100+0.5 72' LT / PROPOSED SUMMIT BROADBAND
98 ORTIZ AVE. 99 100 101 ℄ CONST. ORTIZ AVE.
END PROJECT
END MILLING AND RESURFACING
STA. 100+33.34
16" PVC WM C905 DR 25 CL 165 / PROP. CITY OF FORT MYERS (CFM)
BFO / TO BE REMOVED ITG
16" WM - DIP CL250 / PROP. LEE COUNTY UTILITIES (LCU)
16" DIP WM / TO REMAIN LEE COUNTY UTILITIES (LCU)
4" COATED STL GM / TO REMAIN TECO PEOPLE GAS
6" PVC FM / TO REMAIN CITY OF FORT MYERS (CFM)
20" DIP NPW / TO REMAIN CITY OF FORT MYERS (CFM)
12" PVC WM / TO REMAIN CITY OF FORT MYERS (CFM)
BFO (144) / TO REMAIN CENTURY LINK
30" WM / TO REMAIN CITY OF FORT MYERS (CFM)
(2) 1.25" HDPE CONDUITS / TO REMAIN CROWN CASTLE FIBER
BFO (48) / TO REMAIN CENTURY LINK
BFO (144) / TO REMAIN CENTURY LINK
BFO (288) / TO REMAIN CENTURY LINK
3-2" SCH 40 PVC W/CONC. CAP / TO REMAIN AT&T TRANSMISSION
BFO (96) / TO REMAIN CENTURY LINK
30" WM / TO REMAIN CITY OF FORT MYERS (CFM)
30" CONC. RAW WM / TO REMAIN CITY OF FORT MYERS (CFM)
OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT
EXIST. TRAFFIC SIGNAL CABINET
(6) 1.25" CONDUITS 288 COUNT SM FOC / PROPOSED LEE COUNTY DOT & ITG
24" DIP WM / TO REMAIN CITY OF FORT MYERS (CFM)
OTV / TO REMAIN COMCAST
OE <50KV / TO PROTECT FLORIDA POWER AND LIGHT
(2) 1.25" HDPE CONDUITS / TO REMAIN CROWN CASTLE FIBER
20 DIP WM /TO REMAIN CITY OF FORT MYERS (CFM)
BT (900) / TO REMAIN CENTURY LINK
16" DUCTILE IRON TRANSMISSION MAIN LEE COUNTY UTILITIES (LCU)
EXIST. GUY WIRE
EXIST. SPLICE BOX TO REMA
EXIST. GUY WIRE
EXIST. POLE
EXIST. LIGHT POLE
BFO (36) / TO REMAIN CENTURYLINK
HANDHOLE / TO REMAIN CENTURY LINK
BFO (96) / TO REMAIN CENTURYLINK
3-1.25" CONDUIT / TO BE REMOVED SUMMIT BROADBAND
BT (200) / TO REMAIN CENTURYLINK
4" POLYETHYLENE GAS MAIN / TO REMAIN TECO PEOPLE GAS
8" PVC FM C900 DR 18 CL 150 / PROP. CITY OF FORT MYERS (CFM)
BFO / TO BE REMOVED LEE COUNTY TRAFFIC
16" DIP WM / PLACE OUT OF SERV. & GROUT IN PLACE LEE COUNTY UTILITIES (LCU)
24"X36" VAULT / TO REMAIN SUMMIT BROADBAND
14"X36"X24" HH 99+60 128' RT / PROPOSED SUMMIT BROADBAND
EXIST. R/W LINE
BFO (96) / TO REMAIN CENTURY LINK
BFO (36) / TO REMAIN CENTURY LINK
OTV / TO REMAIN COMCAST
BFO (96) / TO REMAIN CENTURY LINK

0 10 40
Feet

*NOTE:
UTILITY INFORMATION ON THIS SHEET IS BASED ON DATA PROVIDED BY UTILITY AGENCY OWNERS AND LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT TEST HOLE (TH) POINTS SHOWN AND SUMMARIZED ON SUMMARY OF VERIFICATION TABLES. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

UTILITY ADJUSTMENTS (16)

SHEET NO. 170

SUMMARY OF VERIFIED UTILITIES									
TEST HOLE (V_{vh} #)	UTILITY DESCRIPTION (OWNER, TYPE)	UTILITY SIZE (INCHES)	UTILITY MATERIAL	B/L or C/L			EXISTING GROUND ELEVATION (FEET)	TOP ELEVATION (FEET)	COMMENTS
				STATION	OFFSET	LT/RT			
TH-1	TECO, GM	2.5	STEEL	17+21.64	59.47	RT	20.25	15.85	
TH-1A	UNKNOWN, FOC	0.5	DBC	17+20.38	60.82	RT	20.04	18.64	
TH-2	FPL, BE	6	PVC	18+00.37	56.79	RT	18.69	13.36	
TH-3	UNKNOWN, FOC	FOUR X 1.5	HDPE	18+03.69	61.38	RT	18.44	16.61	
TH-4	UNKNOWN, FOC	2	PVC	18+03.31	64.36	RT	18.04	16.32	
TH-5	FPL, BE	6	HDPE	18+02.12	76.72	LT	19.56	16.13	
TH-6	UNKNOWN, WM	6	PVC	20+59.12	83.05	LT	19.36	15.81	
TH-7	UNKNOWN	4	PVC	20+60.36	77.25	LT	20.24	16.44	
TH-8	UNKNOWN	4	PVC	21+54.64	79.74	LT	18.73	15.63	
TH-8A	UNKNOWN	2.5	PVC	21+56.36	80.69	LT	18.72	16.98	
TH-9	UNKNOWN	4	PVC	25+30.28	71.54	LT	19.65	15.77	
TH-10	UNKNOWN, FOC	24	CONC CAP	25+32.83	90.04	LT	17.93	13.37	
TH-11	FPL, BE	TWO X 2	HDPE	25+55.38	80.02	LT	18.75	16.90	
TH-12	UNKNOWN, BT	1	DBC	34+70.32	89.63	LT	18.17	15.41	
TH-13	UNKNOWN, FOC	2	PVC	34+72.44	87.23	LT	18.56	14.17	
TH-14	UNKNOWN	4	PVC	34+74.23	72.51	LT	19.71	16.89	
TH-15	UNKNOWN, WM	6	PVC	36+34.22	72.02	LT	20.14	16.61	
TH-16	UNKNOWN, BT	1	DBC	36+37.19	74.80	LT	20.14	17.46	
TH-17	UNKNOWN, BT	1	DBC	40+23.88	80.86	LT	18.12	14.47	
TH-18	EXPLORATORY	N/A	N/A	40+22.79	76.17	LT	18.39	N/A	
TH-19	UNKNOWN, FOC	4	PVC	40+67.68	116.09	RT	18.36	15.83	
TH-20	TECO, GM	4	STEEL	40+18.93	71.18	RT	18.37	14.45	
TH-21	UNKNOWN, FOC	4	PVC	38+59.77	115.91	RT	18.07	15.47	
TH-22	UNKNOWN, BT	1	DBC	36+12.70	107.11	RT	18.25	16.17	
TH-23	UNKNOWN, BT	1	DBC	36+13.52	104.65	RT	18.25	15.52	
TH-24	UNKNOWN, FOC	4	HDPE	36+13.72	99.48	RT	17.82	16.02	
TH-25	EXPLORATORY	N/A	N/A	33+27.74	28.48	RT	17.63	N/A	
TH 26	UNKNOWN, WM	1.5	PVC	60+41.64	79.20	LT	19.33	17.24	
TH 27	UNKNOWN, FOC	12	CONC CAP	60+39.95	83.98	LT	18.90	14.93	
TH 28	EXPLORATORY	N/A	N/A	63+45.80	83.29	LT	18.61	N/A	
TH 29	UNKNOWN, FOC	12	CONC CAP	63+44.37	85.83	LT	18.62	15.39	
TH 30	UNKNOWN, FM	5	PVC	64+32.15	67.78	LT	19.28	17.23	
TH 31	UNKNOWN, FOC	4	PVC	64+77.31	79.44	LT	18.45	13.88	
TH 32	UNKNOWN, FOC	2	HDPE	66+09.68	74.96	LT	19.11	17.48	
TH 33	UNKNOWN, FOC	8	UNK	67+20.28	72.73	LT	19.17	13.28	
TH 34	UNKNOWN, FOC	12	CONC CAP	71+72.56	85.13	LT	21.07	15.73	
TH 34A	UNKNOWN	1	DBC	71+72.54	84.47	LT	20.95	15.61	
TH 35	UNKNOWN, FOC	24	CONC CAP	75+00.68	89.32	LT	18.09	14.25	
TH 36	FPL, BE	TWO X 3	PVC	74+99.93	95.91	LT	17.99	15.75	
TH 36A	FPL, BE	1	PVC	74+99.85	95.42	LT	17.96	17.96	
TH 37	UNKNOWN, FOC	12	WOOD CAP	76+56.43	85.21	LT	18.46	15.36	
TH 38	UNKNOWN, FOC	4	PVC	80+63.52	66.68	LT	20.46	17.19	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF VERIFIED UTILITIES (1)

SHEET NO. 171

SUMMARY OF VERIFIED UTILITIES									
TEST HOLE (V_{vh} #)	UTILITY DESCRIPTION (OWNER, TYPE)	UTILITY SIZE (INCHES)	UTILITY MATERIAL	B/L or C/L			EXISTING GROUND ELEVATION (FEET)	TOP ELEVATION (FEET)	COMMENTS
				STATION	OFFSET	LT/RT			
TH 39	UNKNOWN, FOC	10	WOOD CAP	80+65.02	92.46	LT	17.84	14.61	
TH 40	UNKNOWN	4	PVC	80+63.33	74.89	LT	19.89	15.61	
TH-41	UNKNOWN, FOC	10	WOOD CAP	83+33.36	92.44	LT	17.67	14.05	
TH-42	UNKNOWN	4	PVC	83+27.68	73.74	LT	19.10	15.75	
TH-43	UNKNOWN, FOC	4	PVC	83+24.77	64.13	LT	20.42	17.37	
TH-44	UNKNOWN, FOC	10	WOOD CAP	86+49.00	89.65	LT	18.42	14.72	
TH-45	UNKNOWN	4	PVC	89+31.64	71.63	LT	19.67	15.22	
TH-46	UNKNOWN, FOC	UNK	UNK	89+57.49	89.66	LT	18.55	13.55	
TH-47	UNKNOWN, FOC	10	WOOD CAP	90+51.68	87.39	LT	17.90	15.25	
TH-48	UNKNOWN, FOC	10	CONC CAP	92+42.06	82.12	LT	18.42	14.37	
TH-49	UNKNOWN	4	PVC	94+13.61	66.53	LT	19.42	15.53	
TH-50	UNKNOWN	4	PVC	97+30.61	70.04	LT	18.80	15.61	
TH-51	EXPLORATORY	N/A	N/A	97+30.81	84.60	LT	18.34	N/A	
TH-52	UNKNOWN, FOC	6	PVC	99+47.21	81.37	LT	19.81	15.41	
TH-53	UNKNOWN, FOC	FOUR X 2	HDPE	61+45.96	91.31	RT	18.05	16.44	
TH-54	EXPLORATORY	N/A	N/A	63+42.34	78.52	RT	17.91	N/A	
TH-55	UNKNOWN, FOC	FOUR X 2	HDPE	63+39.28	88.86	RT	18.09	16.30	
TH-56	UNKNOWN, FOC	FOUR X 2	HDPE	65+40.00	81.08	RT	17.84	15.35	
TH-57	UNKNOWN, FOC	TWO X 4	PVC	70+81.07	64.75	RT	17.59	14.68	
TH-58	UNKNOWN, WM	8	PVC	78+11.78	83.01	RT	18.77	16.08	
TH-59	UNKNOWN, BT	1	DBC	78+07.59	84.71	RT	18.60	16.81	
TH-60	UNKNOWN, WM	12	PVC	79+75.03	48.83	RT	18.14	15.71	
TH-61	UNKNOWN, FOC	TWO X 2	HDPE	80+51.04	7.22	RT	19.62	16.80	
TH-62	EXPLORATORY	N/A	N/A	82+62.76	43.91	RT	17.95	N/A	
TH-63	UNKNOWN, FOC	TWO X 4	PVC	83+31.19	18.55	RT	18.64	15.12	
TH-64	UNKNOWN, FM	4	PVC	84+38.03	54.20	RT	18.11	16.36	
TH-65	UNKNOWN, FM	6	PVC	84+63.02	53.98	RT	18.72	17.17	
TH-66	EXPLORATORY	N/A	N/A	84+66.20	54.15	RT	18.68	N/A	
TH-67	UNKNOWN, WM	4	DIP	84+71.75	51.58	RT	18.69	17.21	
TH-68	UNKNOWN, FOC	4	PVC	84+91.26	47.57	RT	18.31	15.82	
TH-68A	UNKNOWN, FOC	4	PVC	84+90.90	48.36	RT	18.37	15.84	
TH-69	UNKNOWN	8	PVC	86+00.56	62.59	RT	21.06	16.74	
TH-70	UNKNOWN	1	PVC	86+26.43	61.93	RT	21.23	20.31	
TH-71	UNKNOWN, FOC	4	PVC	86+29.76	61.76	RT	21.11	18.42	
TH-72	EXPLORATORY	N/A	N/A	86+33.64	60.73	RT	20.26	N/A	
TH-73	TECO, GM	2	PVC	86+28.97	62.76	RT	21.05	18.72	
TH-74	TECO, GM	4	STEEL	93+83.44	64.66	RT	19.53	15.76	
TH-75	UNKNOWN, FOC	4	PVC	93+83.12	67.24	RT	19.00	16.61	
TH-76	TECO, GM	4	STEEL	95+53.60	64.59	RT	20.22	16.99	
TH-76A	UNKNOWN, FOC	4	PVC	95+53.46	66.29	RT	19.71	16.73	
TH-77	UNKNOWN, FOC	4	PVC	97+29.62	66.03	RT	20.67	16.86	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF VERIFIED UTILITIES (2)

SHEET NO. 172

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER 0104 10 3 LF P	SEDIMENT BARRIER 0104 10 3 LF F	INLET PROTECTION SYSTEM 0104 18 EA P	INLET PROTECTION SYSTEM 0104 18 EA F	DESIGN NOTES	CONSTRUCTION REMARKS
15+60.00 - 16+27.00	RT		67.0					
17+47.00 - 26+22.00	RT		875.0					
26+99.00 - 33+38.00	RT		640.0					
33+87.00 - 36+52.00	RT		265.0					
36+52.00 - 36+52.00	RT		20.0					
36+52.00 - 62+44.00	RT		2576.0					
62+44.00 - 63+11.00	RT		69.0					
63+11.00 - 69+83.00	RT		683.0					
69+83.00 - 69+83.00	RT		14.0					
69+83.00 - 71+04.00	RT		121.0					
71+47.00 - 72+95.00	RT		149.0					
72+95.00 - 72+95.00	RT		20.0					
72+95.00 - 76+23.00	RT		327.0					
73+23.00 - 76+22.00	RT		20.0					
76+22.00 76+87.00	RT		65.0					
77+21.00 - 85+37.00	RT		816.0					
86+25.00 - 92+29.00	RT		604.0					
92+90.00 - 96+54.00	RT		364.0					
96+87.00 - 99+62.00	RT		275.0					
99+62.00 - 99+44.00	RT		50.0					
15+38.00 - 20+86.00	LT		548.0					
21+19.00 - 36+55.00	LT		1536.0					
36+83.00 - 41+32.00	LT		449.0					
55+35.00 - 59+34.00	LT		405.0					
59+63.00 - 70+76.00	LT		1113.0					
71+76.00 - 88+96.00	LT		1720.0					
89+76.00 - 100+06.00	LT		1030.0					
100+06.00 - 100+18.00	LT		34.0					
12+40	RT				1			
12+50	LT				1			
13+50	RT				1			
14+00	LT				1			
14+50	LT				1			
15+30	LT				2			
16+05	LT				1			
41+35	RT				1			
41+35	LT				1			
46+08	RT				1			
50+11	RT				1			
53+97	RT				1			
53+97	LT				1			
99+38	RT				1			
SUB-TOTAL:			14855.0		15			
TOTAL:			14855		15			

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

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

Stantec
1821 Victoria Avenue
Fort Myers, FL 33901
Ph. 239-337-3330
George R. Brinson, Jr., P.E. #47607

LEE COUNTY DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (1)

SHEET NO. SQ-1

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1 AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	MOWING 0107 2 AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	DESIGN NOTES	CONSTRUCTION REMARKS
	15+93.52 TO 20+90.33	LT	730	30	61910	24	0.645	15.480								
	15+98.31 TO 17+06.95	LT	730	30	62045	24	0.035	0.840								
	16+77.77 TO 25+72.71	LT	730	30	139202	24	0.585	14.040								
	16+91.96 TO 26+21.98	RT	730	30	139759	24	1.554	37.296								
	21+12.52 TO 36+58.42	LT	730	30	62474	24	1.790	42.960								
	26+39.08 TO 26+57.44	RT	730	30	78342	24	0.016	0.384								
	26+47.92 TO 41+41.88	LT	730	30	62714	24	1.148	27.552								
	26+71.53 TO 27+85.83	RT	730	30	139799	24	0.150	3.600								
	27+92.35 TO 33+51.77	RT	730	30	139815	24	0.811	19.464								
	33+72.73 TO 41+41.88	RT	730	30	78535	24	1.393	33.432								
	36+77.57 TO 41+32.20	LT	730	30	62773	24	0.456	10.944								
C1	70+90.99 55+24.59 TO ~~71+09.51~~	RT	730	30	139319	24	2.717	~~2.732~~ ~~65.568~~ 65.208		C1						
	55+35.10 TO 59+40.94	LT	730	30	62891	24	0.519	12.456								
	55+35.10 TO 70+57.40	LT	730	30	62951	24	1.238	29.712								
	59+56.39 TO 70+96.20	LT	730	30	62900	24	1.432	34.368								
	71+45.89 TO 76+94.16	RT	730	30	139344	24	0.735	17.640								
	71+58.34 TO 89+16.97	LT	730	30	62933	24	2.197	52.728								
	71+90.09 TO 82+37.45	LT	730	30	121842	24	0.986	23.664								
	77+16.93 TO 82+54.65	RT	730	30	121878	24	0.532	12.768								
	82+85.69 TO 92+34.75	RT	730	30	121886	24	1.039	24.936								
	83+40.46 TO 89+03.53	LT	730	30	139833	24	0.441	10.584								
	89+68.86 TO 100+33.34	LT	730	30	63044	24	1.365	32.760								
	90+02.90 TO 100+06.78	LT	730	30	63054	24	0.577	13.848								
	92+14.97 TO 92+74.99	RT	730	30	78519	24	0.044	1.056								
	92+81.07 TO 96+63.29	RT	730	30	140017	24	0.380	9.120								
	96+58.93 TO 99+76.68	RT	730	30	139873	24	0.277	6.648								
	15+93.52 TO 20+87.15	LT	730	30						63789	24	0.144	3.456			
	15+94.09 TO 17+58.70	LT	730	30						42300	24	0.074	1.776			
	15+98.31 TO 17+06.95	LT	730	30						40677	24	0.024	0.576			
	16+78.72 TO 25+72.74	LT	730	30						155963	24	0.500	12.000			
	16+91.96 TO 26+21.25	RT	730	30						79032	24	0.464	11.136			
	17+00.46 TO 26+02.65	RT	730	30						64331	24	0.762	18.288			
	17+47.75 TO 20+90.33	LT	730	30						63775	24	0.228	5.472			
	21+12.52 TO 36+58.42	LT	730	30						64048	24	0.635	15.240			
	21+27.38 TO 24+47.50	LT	730	30						156004	24	0.087	2.088			
	24+52.50 TO 36+56.39	LT	730	30						156020	24	0.531	12.744			
	26+41.33 TO 26+55.47	RT	730	30						64552	24	0.002	0.048			
	26+41.55 TO 26+49.47	RT	730	30						64564	24	0.004	0.096			
	26+49.76 TO 41+41.89	LT	730	30						78571	24	1.009	24.216			
	26+71.53 TO 27+73.02	RT	730	30						64683	24	0.045	1.080			
	26+75.73 TO 27+65.80	RT	730	30						78930	24	0.036	0.864			
	27+92.35 TO 31+49.53	RT	730	30						156118	24	0.235	5.640			
	27+96.25 TO 33+51.77	RT	730	30						78898	24	0.202	4.848			
	31+54.46 TO 33+43.74	RT	730	30						156139	24	0.114	2.736			
	33+72.73 TO 41+32.23	RT	730	30						78612	24	0.368	8.832			
	33+73.31 TO 41+32.23	RT	730	30						78786	24	0.830	19.920			
	36+77.57 TO 41+32.15	LT	730	30						40783	24	0.142	3.408			
							SUB-TOTAL:	~~553.848~~ 553.488				SUB-TOTAL:	154.464			
							TOTAL:	~~553.85~~ 553.49 C1				TOTAL:	~~430.22~~ 429.96 C1			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (2)

SHEET NO. SQ-2

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1 AREA ID	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	MOWING 0107 2 AREA ID	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	DESIGN NOTES	CONSTRUCTION REMARKS
	36+85.12 TO 38+70.45	LT	730	30						78875	24	0.067	1.608			
	38+75.40 TO 41+32.17	LT	730	30						78858	24	0.098	2.352			
	55+34.77 TO 70+99.65	RT	730	30						156220	24	1.579 ~~1.585~~	~~38.040~~	37.896		
	55+34.78 TO 71+09.51	RT	730	30						65664	24	0.694 ~~0.699~~	~~16.776~~	16.656		
	55+34.96 TO 59+34.64	LT	730	30						65531	24	0.170	4.080			
	55+35.02 TO 59+40.94	LT	730	30						65518	24	0.195	4.680			
	55+35.07 TO 70+57.40	LT	730	30						79069	24	1.095	26.280			
	59+56.39 TO 70+79.01	LT	730	30						79100	24	0.724	17.376			
	59+63.15 TO 70+94.23	LT	730	30						79202	24	0.272	6.528			
	70+83.93 TO 70+96.20	LT	730	30						41053	24	0.003	0.072			
	71+45.89 TO 76+94.16	RT	730	30						156279	24	0.216	5.184			
	71+48.43 TO 76+92.16	RT	730	30						156298	24	0.385	9.240			
	71+58.34 TO 71+75.37	LT	730	30						41060	24	0.003	0.072			
	71+66.69 TO 89+12.97	LT	730	30						65906	24	0.398	9.552			
	71+77.23 TO 100+24.70	LT	730	30						156817	24	1.885	45.240			
	71+90.09 TO 82+35.76	LT	730	30						122023	24	0.885	21.240			
	77+16.93 TO 82+54.65	RT	730	30						156376	24	0.139	3.336			
	77+18.47 TO 80+29.34	RT	730	30						156406	24	0.189	4.536			
	80+34.34 TO 82+47.42	RT	730	30						122007	24	0.079	1.896			
	82+85.69 TO 84+33.53	RT	730	30						121915	24	0.041	0.984			
	82+87.41 TO 92+24.95	RT	730	30						121959	24	0.486	11.664			
	83+40.45 TO 89+03.51	LT	730	30						156422	24	0.384	9.216			
	84+76.11 TO 92+29.65	RT	730	30						65952	24	0.235	5.640			
	89+71.81 TO 91+55.85	LT	730	30						66610	24	0.042	1.008			
	90+02.90 TO 100+06.78	LT	730	30						66084	24	0.474	11.376			
	91+60.85 TO 100+33.34	LT	730	30						156769	24	0.221	5.304			
	92+16.03 TO 92+73.03	RT	730	30						79165	24	0.024	0.576			
	92+45.03 TO 92+66.81	RT	730	30						41013	24	0.004	0.096			
	92+81.06 TO 93+01.96	RT	730	30						156696	24	0.013	0.312			
	92+84.85 TO 94+97.77	RT	730	30						156703	24	0.177	4.248			
	95+02.54 TO 96+62.25	RT	730	30						156718	24	0.110	2.640			
	96+78.57 TO 99+75.96	RT	730	30						161987	24	0.186	4.464			
	97+49.85 TO 97+68.45	RT	730	30						156726	24	0.006	0.144			
	SUB-TOTAL:									SUB-TOTAL:			~~275.76~~ 275.50 C1			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (3)

SHEET NO. SQ-3

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)	P	F	P	F		
0110 1 1	Clearing And Grubbing	15+93.52 TO 19+60.00	LT/RT	164824	LS	1.731			32.68			
		19+60.00 TO 25+20.00	LT/RT	52261		2.828						
		25+20.00 TO 30+80.00	LT/RT	163508		2.627						
		30+80.00 TO 41+32.20	LT/RT	52202		5.169						
		55+24.59 TO 58+80.00	LT/RT	52221		1.738						
		58+80.00 TO 64+40.00	LT/RT	52247		2.809						
		64+40.00 TO 70+00.00	LT/RT	52124		2.748						
		70+00.00 TO 75+60.00	LT/RT	52116		2.693						
		75+60.00 TO 81+20.00	LT/RT	52107		2.600						
		81+20.00 TO 86+80.00	LT/RT	122077		2.542						
		86+80.00 TO 89+42.57	LT/RT	43631		1.205						
		89+42.31 TO 92+40.00	LT/RT	43636		1.366						
		92+40.00 TO 95+00.00	LT/RT	43641		1.194						
		95+00.00 TO 100+21.89	LT/RT	140164		0.278						
		95+00.00 TO 100+28.31	LT	43330		0.741						
		95+00.00 TO 96+62.25	RT	140344		0.149						
		96+78.57 TO 99+78.06	RT	161944		0.258						
		99+92.20 TO 100+23.99	RT	163474		0.003						
0110 4 10	Removal of Existing Concrete	15+98.31 TO 16+31.91	LT	53353	SY		17.6		1612			
		16+58.08 TO 16+68.05	RT	164957			2.1					
		16+98.95 TO 17+54.75	RT	53555			33.6					
		17+10.28 TO 20+19.34	LT	43833			278.3					
		20+19.31 TO 20+75.35	LT	43850			28.1					
		20+63.14 TO 20+85.82	LT	43896			18.4					
		21+25.24 TO 21+48.54	LT	43899			19.0					
		21+45.69 TO 22+20.00	LT	53514			37.6					
		22+20.00 TO 22+92.66	LT	53531			36.8					
		26+20.33 TO 26+21.98	RT	53489			1.7					
		26+39.66 TO 26+49.93	RT	53496			3.2					
		26+71.67 TO 26+73.26	RT	53505			0.7					
		27+13.68 TO 27+73.02	LT	43902			12.6					
		27+74.90 TO 28+07.34	LT	43917			12.8					
		36+35.46 TO 36+54.16	LT	43932			15.9					
		36+78.13 TO 36+90.22	LT	43935			9.8					
		40+16.17 TO 41+32.16	LT	44095			116.0					
		41+21.83 TO 41+32.72	RT	122182			2.6					
		41+32.39 TO 41+41.89	RT	122171			6.2					
		41+32.57 TO 41+41.89	LT	44088			6.3					
		55+35.05 TO 58+66.76	LT	43938			153.6					
		55+35.09 TO 55+46.94	LT	122198			12.2					
		70+47.51 TO 70+90.73	LT	53456			58.0					
		71+71.03 TO 74+60.36	LT	53473			297.5					
		83+95.37 TO 84+02.59	LT	122221			7.2					
		91+69.27 TO 92+10.65	LT	43978			20.8					
		92+28.25 TO 92+35.93	RT	44000			4.7					
		92+81.05 TO 96+63.29	RT	140360			212.3					
		93+16.49 TO 93+49.31	RT	43991			15.1					
		94+63.14 TO 97+53.48	LT	44005			21.6					
		96+79.53 TO 99+19.80	RT	140391			134.2					
		99+94.05 TO 100+24.18	RT	53405			6.1					
		100+04.72 TO 100+21.89	LT	44101			9.1					

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (4)

SHEET NO.
SQ-4

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

SUMMARY OF BASE AND STABILIZATION

LOCATION STA. TO STA.	SIDE	AREA ID	TYPE B STABILIZATION 0160 4 AREA (SY) P	TYPE B STABILIZATION 0160 4 AREA (SY) F	OPTIONAL BASE GROUP 01 0285 701 AREA (SY) P	OPTIONAL BASE GROUP 01 0285 701 AREA (SY) F	OPTIONAL BASE GROUP 04 0285 704 AREA (SY) P	OPTIONAL BASE GROUP 04 0285 704 AREA (SY) F	OPTIONAL BASE GROUP 09 0285 709 AREA (SY) P	OPTIONAL BASE GROUP 09 0285 709 AREA (SY) F	OPTIONAL BASE GROUP 12 0285 712 AREA (SY) P	OPTIONAL BASE GROUP 12 0285 712 AREA (SY) F	DESIGN NOTES	CONSTRUCTION REMARKS
15+93.52 TO 41+41.88	LT	142491	13192.4											
15+93.89 TO 20+90.07	LT	144650	825.8											
15+98.29 TO 41+41.90	RT	164991	12813.0											
21+19.08 TO 36+58.04	LT	144673	2387.5											
36+79.63 TO 41+32.16	LT	144724	703.3											
40+80.21 TO 55+35.00	RT	172226	1939.7										Limits of Stabilization for Drainage Berm along the Bucees Property	
55+34.77 TO 92+54.97	LT	~~157204~~	~~18221.7~~	18281.7										
55+34.96 TO 100+06.75	LT	157334	19422.6											
55+35.08 TO 59+39.05	LT	144738	629.7											
59+58.50 TO 70+95.83	LT	144746	1761.6											
71+60.66 TO 89+16.00	LT	144768	2730.4											
89+69.19 TO 100+28.31	LT	144788	1648.6											
92+14.97 TO 92+54.76	RT	143619	26.7											
92+42.93 TO 92+54.53	RT	143632	8.3											
92+54.44 TO 99+36.90	LT	141749	1981.2											
95+00.00 TO 100+21.89	LT	142380	380.7											
96+79.63 TO 99+78.06	RT	141076	253.3											
99+92.20 TO 100+23.99	RT	141195	12.7											
15+93.92 TO 20+82.15	LT	157483			631.7									
21+32.38 TO 25+20.00	LT	144190			460.8									
25+20.00 TO 30+80.00	LT	144018			664.2									
30+80.00 TO 36+40.00	LT	144035			662.3									
36+40.00 TO 36+51.68	LT	144213			13.8									
36+90.08 TO 41+32.16	LT	144220			526.5									
55+35.05 TO 59+29.69	LT	144465			471.0									
59+68.10 TO 64+40.00	LT	144237			558.7									
64+40.00 TO 70+00.00	LT	144246			658.3									
70+00.00 TO 70+89.23	LT	144259			110.1									
71+71.69 TO 75+60.00	LT	144270			464.1									
75+60.00 TO 81+20.00	LT	144082			663.3									
81+20.00 TO 86+80.00	LT	144087			662.6									
86+80.00 TO 89+08.06	LT	144281			272.7									
89+76.83 TO 92+40.00	LT	144292			313.4									
92+40.00 TO 100+28.31	LT	144495			934.8									
15+93.52 TO 19+60.00	LT	144991					298.5							
17+13.67 TO 19+60.00	RT	144971					194.4							
19+60.00 TO 25+20.00	RT	145001					349.8							
19+60.00 TO 20+66.56	LT	145034					80.3							
21+45.66 TO 25+20.00	LT	145040					95.9							
25+20.00 TO 25+90.40	RT	145057					17.2							
25+20.00 TO 30+80.00	LT	145093					399.9							
26+92.27 TO 27+45.71	RT	145063					31.2							
27+99.47 TO 30+80.00	RT	145070					218.2							
30+80.00 TO 33+20.57	RT	145111					61.5							
30+80.00 TO 36+33.27	LT	145128					443.2							
33+92.99 TO 36+40.00	RT	145120					195.2							
36+40.00 TO 38+43.95	RT	145136					165.6							
SUB-TOTAL:			~~78939.3~~ 78999.3		8068.3		2550.9							
TOTAL:			~~78939~~ 78999		8068		~~8376~~ 8372		~~47852~~ 47923		3206			

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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.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (5)

SHEET NO. SQ-5

SUMMARY OF BASE AND STABILIZATION

LOCATION STA. TO STA.	SIDE	AREA ID	TYPE B STABILIZATION 0160 4 AREA (SY) P	TYPE B STABILIZATION 0160 4 AREA (SY) F	OPTIONAL BASE GROUP 01 0285 701 AREA (SY) P	OPTIONAL BASE GROUP 01 0285 701 AREA (SY) F	OPTIONAL BASE GROUP 04 0285 704 AREA (SY) P	OPTIONAL BASE GROUP 04 0285 704 AREA (SY) F	OPTIONAL BASE GROUP 09 0285 709 AREA (SY) P	OPTIONAL BASE GROUP 09 0285 709 AREA (SY) F	OPTIONAL BASE GROUP 12 0285 712 AREA (SY) P	OPTIONAL BASE GROUP 12 0285 712 AREA (SY) F	DESIGN NOTES	CONSTRUCTION REMARKS
37+07.96 TO 41+32.18	LT	145162					208.5							
55+34.77 TO 58+80.00	RT	145445					279.4							
55+34.96 TO 58+80.00	LT	145182					282.8							
58+80.00 TO 64+40.00	RT	145204					456.1							
58+80.00 TO 59+17.45	LT	145211					24.2							
59+80.22 TO 64+40.00	LT	145217					367.7							
64+40.00 TO 70+00.00	LT	145237					453.3							
64+40.00 TO 70+00.00	RT	145843					392.4							
70+00.00 TO ~~70+78.39~~ 70+63.54	RT	~~145270~~ 172061					~~19.3~~ 15.3							
70+00.00 TO 70+71.86	LT	145286					52.0							
71+70.23 TO 75+60.00	RT	145453					266.3							
71+89.41 TO 75+60.00	LT	145292					162.8							
75+60.00 TO 81+20.00	LT	145332					455.2							
75+60.00 TO 76+78.92	RT	145864					30.1							
77+37.82 TO 81+20.00	RT	145885					238.3							
81+20.00 TO 86+80.00	LT	145337					455.3							
81+20.00 TO 82+24.98	RT	145577					26.0							
83+09.63 TO 86+80.00	RT	145570					295.2							
86+80.00 TO 88+92.16	LT	145363					166.2							
86+80.00 TO 91+99.78	RT	145370					291.5							
89+83.73 TO 92+40.00	LT	145395					67.3							
92+40.00 TO 98+00.00	LT	145402					456.9							
93+14.47 TO 96+22.07	RT	145582					138.9							
96+79.65 TO 98+00.00	RT	145416					31.2							
98+00.00 TO 99+56.41	RT	145421					39.4							
98+00.00 TO 100+06.75	LT	145428					168.7							
15+98.29 TO 19+60.04	RT	147575							1589.4					
15+98.31 TO 19+60.00	LT	147554							1626.0					
19+60.00 TO 25+20.00	LT	147608							1980.5					
19+60.00 TO 25+20.00	RT	157603							1971.3					
25+20.00 TO 30+80.00	LT	147622							2044.7					
25+20.00 TO 30+80.00	RT	147636							2448.4					
30+80.00 TO 36+40.00	LT	147679							1546.3					
30+80.00 TO 36+40.00	RT	157627							1855.1					
36+39.95 TO 37+08.05	RT	157808							186.2					
36+39.96 TO 37+08.05	LT	157800							463.9					
57+00.00 TO 58+80.00	LT	157816							495.2					
57+00.00 TO 58+80.00	RT	157822							491.4					
58+80.00 TO 64+40.00	LT	157719							1751.9					
58+80.00 TO 64+40.00	RT	157695							1534.6					
64+40.00 TO 70+00.00	RT	157685							1785.7					
64+40.00 TO 70+00.00	LT	157735							1528.2					
70+00.00 TO 75+60.00	LT	147778							2681.3					
70+00.00 TO 75+60.00	RT	~~147820~~ 172035							~~2266.2~~ 2368.1					
75+60.00 TO 81+20.00	LT	147854							1534.4					
75+60.00 TO 81+20.00	RT	147841							1787.7					
81+20.00 TO 86+80.00	LT	147859							2106.7					
SUB-TOTAL :							~~5825.0~~ 5821.0		~~33675.1~~ 33777.0					

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (6)

SHEET NO. SQ-6

SUMMARY OF BASE AND STABILIZATION

LOCATION STA. TO STA.	SIDE	AREA ID	TYPE B STABILIZATION 0160 4 AREA (SY) P	TYPE B STABILIZATION 0160 4 AREA (SY) F	OPTIONAL BASE GROUP 01 0285 701 AREA (SY) P	OPTIONAL BASE GROUP 01 0285 701 AREA (SY) F	OPTIONAL BASE GROUP 04 0285 704 AREA (SY) P	OPTIONAL BASE GROUP 04 0285 704 AREA (SY) F	OPTIONAL BASE GROUP 09 0285 709 AREA (SY) P	OPTIONAL BASE GROUP 09 0285 709 AREA (SY) F	OPTIONAL BASE GROUP 12 0285 712 AREA (SY) P	OPTIONAL BASE GROUP 12 0285 712 AREA (SY) F	DESIGN NOTES	CONSTRUCTION REMARKS
81+20.00 TO 86+80.00	RT	147874							2120.3					
86+80.00 TO 92+40.00	LT	147923							2057.9					
86+80.00 TO 92+48.02	RT	147993							2111.7					
92+40.00 TO 95+00.00	LT	148038							688.8					
92+40.00 TO 95+00.00	RT	148019							955.5					
95+00.00 TO 96+14.78	RT	148117							48.3					
95+00.00 TO 99+36.90	LT	148100							535.1					
96+79.65 TO 99+78.06	RT	148124							78.0					
97+20.00 TO 100+21.89	LT	148091							74.3					
99+92.20 TO 100+23.99	RT	148134							8.8					
100+06.75 TO 100+21.89	LT	148085							10.6					
21+59.02 TO 26+66.66	LT	146582							965.3				B-12.5 ONLY	
22+82.46 TO 25+77.04	RT	146690							539.2				B-12.5 ONLY	
30+22.96 TO 33+07.29	RT	146703							519.8				B-12.5 ONLY	
37+20.95 TO 40+05.37	LT	146715							520.1				B-12.5 ONLY	
70+49.75 68+55.07 TO ~~70+65.03~~	RT	147373							~~370.1~~	339.5			B-12.5 ONLY	
72+02.77 TO 74+83.51	LT	146621							511.6				B-12.5 ONLY	
74+33.39 TO 76+69.12	RT	147384							421.4				B-12.5 ONLY	
79+53.34 TO 82+10.77	RT	146645							464.8				B-12.5 ONLY	
89+18.33 TO 91+85.68	RT	147416							483.8				B-12.5 ONLY	
89+93.46 TO 92+80.36	LT	147411							524.4				B-12.5 ONLY	
93+91.39 TO 95+00.00	RT	147421							167.1				B-12.5 ONLY	
37+08.05 TO 41+32.23	RT	148241									1280.6		B-12.5 ONLY	
37+08.05 TO 41+32.19	LT	148250									1094.9		B-12.5 ONLY	
55+34.85 TO 57+00.00	RT	148178									413.7		B-12.5 ONLY	
55+34.95 TO 57+00.00	LT	148187									416.8		B-12.5 ONLY	
SUB-TOTAL :									~~14176.9~~ 14146.3		3206.0			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (7)

SHEET NO. SQ-7

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	THICKNESS (IN.)				P	F	P	F		
0334 1 12	Superpave Asphaltic Conc, Traffic B	15+93.93 TO 19+60.00	1.5	LT	157828	TN	37.57		624.5			
		19+60.00 TO 20+82.15	1.5	LT	148479		11.41					
		21+32.38 TO 25+20.00	1.5	LT	148490		35.66					
		25+20.00 TO 30+80.00	1.5	LT	148374		51.41					
		30+80.00 TO 36+40.00	1.5	LT	148389		51.26					
		36+40.00 TO 36+51.68	1.5	LT	148513		1.07					
		36+90.09 TO 41+32.16	1.5	LT	148518		40.74					
		55+35.09 TO 58+80.00	1.5	LT	148398		31.85					
		58+80.00 TO 59+29.69	1.5	LT	148532		4.60					
		59+68.10 TO 64+40.00	1.5	LT	148537		43.21					
		64+40.00 TO 70+00.00	1.5	LT	148546		50.92					
		70+00.00 TO 70+89.23	1.5	LT	148556		8.52					
		71+71.69 TO 75+60.00	1.5	LT	148567		35.92					
		75+60.00 TO 81+20.00	1.5	LT	148408		51.33					
		81+20.00 TO 86+80.00	1.5	LT	148413		51.28					
		86+80.00 TO 89+08.06	1.5	LT	148580		21.10					
		89+76.81 TO 92+40.00	1.5	LT	148591		24.25					
		92+40.00 TO 98+00.99	1.5	LT	148613		51.58					
		98+00.97 TO 100+28.31	1.5	LT	148658		20.77					
0334 1 13	Superpave Asphaltic Concrete, Traffic C	95+00.00 TO 96+00.00	-	LT/RT	-		47.22		529.8		OVERBUILD, SEE TYPICAL SECTION DETAIL	
		96+00.00 TO 97+00.00	-	LT/RT	-		21.05				OVERBUILD, SEE TYPICAL SECTION DETAIL	
		97+00.00 TO 98+00.00	-	LT/RT	-		70.84				OVERBUILD, SEE TYPICAL SECTION DETAIL	
		98+00.00 TO 99+00.00	-	LT/RT	-		125.78				OVERBUILD, SEE TYPICAL SECTION DETAIL	
		99+00.00 TO 100+33.34	-	LT/RT	-		264.88				OVERBUILD, SEE TYPICAL SECTION DETAIL	
0334 1 53	Superpave Asphaltic Concrete, Traffic C, PG 76-22	95+00.00 TO 98+00.00	1.5	LT	148700	TN	59.03		~~8254.4~~ 8266.3			
		95+00.00 TO 100+33.34	1.5	RT	148708		254.83					
		98+00.00 TO 100+33.34	1.5	LT	148721		46.92					
		15+98.29 TO 19+60.00	3.0	RT	164588		232.64					
		15+98.31 TO 25+20.00	3.0	LT/RT	149268		686.52					
		19+60.00 TO 25+20.00	3.0	RT	149371		368.06					
		25+20.00 TO 30+80.00	3.0	LT/RT	148999		769.84					
		30+79.85 TO 36+40.00	3.0	RT	148818		353.79					
		30+80.00 TO 36+40.00	3.0	LT	148836		227.07					
		36+40.00 TO 41+32.19	3.0	LT	148844		334.52					
		36+40.00 TO 41+32.23	3.0	RT	148860		235.27					
		55+34.85 TO 58+80.00	3.0	RT	148877		138.63					
		55+34.96 TO 58+80.00	3.0	LT	148870		139.70					
		58+80.00 TO 64+40.00	3.0	LT	148884		261.43					
		58+80.00 TO 64+40.00	3.0	RT	148903		225.89					
		64+40.00 TO 70+00.00	3.0	LT	148921		224.92					
		64+40.00 TO 70+00.00	3.0	RT	149394		306.82					
		70+00.00 TO 75+60.00	3.0	LT/RT	~~149051~~ 171943		~~913.36~~ 925.17					
		75+60.00 TO 81+20.00	3.0	LT	148928		225.87					
		75+60.00 TO 81+20.00	3.0	RT	149405		350.19					
		81+20.00 TO 86+80.00	3.0	RT	149421		358.50					
		81+20.00 TO 86+80.00	3.0	LT/RT	149447		328.06					
		86+80.00 TO 92+48.02	3.0	LT/RT	149184		803.78					
		92+40.00 TO 95+00.00	3.0	LT	148935		110.23					
		92+40.00 TO 95+00.00	3.0	RT	149099		176.47					

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CI

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	CI REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (8)

SHEET NO.
SQ-8

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

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	THICKNESS (IN.)				P	F	P	F		
0334 1 53	Superpave Asphaltic Concrete, Traffic C, PG 76-22 (CONT'D)	95+00.00 TO 96+14.78	3.0	RT	148944		7.29					
		95+00.00 TO 99+36.90	3.0	LT/RT	148971		88.29					
		96+79.66 TO 98+00.00	3.0	RT	148952		4.41					
		97+20.00 TO 98+00.00	3.0	LT	148957		2.93					
		98+00.00 TO 99+78.06	3.0	RT	148962		6.64					
		98+00.00 TO 100+21.89	3.0	LT	149171		9.34					
		99+92.20 TO 100+23.99	3.0	RT	148983		1.45					
		100+06.74 TO 100+21.89	3.0	LT/RT	149178		1.75					
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	12+68.94 TO 15+98.30	1.5	RT	153771	TN	35.23		~~5342.6~~ 5348.3 C1			
		15+93.52 TO 19+60.00	1.5	LT/RT	151458		155.78					
		15+98.29 TO 19+60.00	1.5	RT	165388		135.47					
		19+60.00 TO 25+20.00	1.5	RT	153432		221.49					
		19+60.00 TO 25+20.00	1.5	LT	162246		232.80					
		25+20.00 TO 30+80.00	1.5	LT/RT	153355		217.07					
		25+20.00 TO 30+80.00	1.5	RT	162328		233.07					
		26+49.93 TO 26+73.26	1.5	RT	153776		27.73					
		30+80.00 TO 36+40.00	1.5	RT	162422		206.85					
		30+80.00 TO 36+40.00	1.5	LT	162472		159.07					
		36+40.00 TO 41+35.87	1.5	LT	162482		192.27					
		36+40.00 TO 41+35.88	1.5	RT	162516		139.68					
		41+32.19 TO 46+11.58	1.5	LT	153892		48.34					
		41+32.21 TO 43+80.00	1.5	RT	153784		65.92					
		55+00.00 TO 55+34.98	1.5	RT	153904		3.36					
		55+34.77 TO 58+80.00	1.5	RT	162597		97.53					
		55+34.94 TO 58+80.00	1.5	LT	162665		98.36					
		58+80.00 TO 64+40.00	1.5	RT	162643		159.15					
		58+80.00 TO 64+40.00	1.5	LT	162738		171.81					
		64+40.00 TO 70+00.00	1.5	LT	162769		158.42					
		64+40.00 TO 70+00.00	1.5	RT	163156		195.34					
		70+00.00 TO 75+60.00	1.5	LT/RT	~~163170~~	171890	~~510.49~~	516.14	C1			
		75+60.00 TO 81+20.00	1.5	LT	158843		159.13					
		75+60.00 TO 81+20.00	1.5	RT	163251		205.99					
		81+20.00 TO 86+80.00	1.5	LT/RT	158769		206.87					
		81+20.00 TO 86+80.00	1.5	RT	158810		210.17					
		86+80.00 TO 92+48.02	1.5	LT/RT	163336		458.69					
		92+40.00 TO 98+00.00	1.5	LT/RT	158897		284.24					
		92+40.00 TO 98+00.00	1.5	LT	163382		154.76					
		98+00.00 TO 100+33.34	1.5	LT	157895		64.89					
		98+00.00 TO 100+33.34	1.5	LT/RT	158122		132.64					

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (9)

SHEET NO.
SQ-9

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

SUMMARY OF MILLING

LOCATION			SIDE	AREA ID	MILLING EXIST ASPH PAVT, 1-1/2" AVG DEPTH 0327 70 6 AREA (SY)		DESIGN NOTES	CONSTRUCTION REMARKS
STA.	TO	STA.			P	F		
12+68.94	TO	15+98.30	RT	110960	427.0			
26+49.93	TO	26+73.26	RT	148345	336.1			
41+32.19	TO	46+11.58	LT	110881	585.9			
41+32.21	TO	43+80.00	RT	110893	799.0			
55+00.00	TO	55+34.94	RT	37607	40.7			
95+00.00	TO	100+33.34	RT	128532	3088.9			
95+00.00	TO	100+33.34	LT	128587	1284.3			
				SUB-TOTAL:	6561.9			
				TOTAL:	6562			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (10)

SHEET NO.
SQ-10

SUMMARY OF CURB & GUTTER AND TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 7	Concrete Curb & Gutter, Type E	15+98.31 TO 17+06.95	LT/RT		LF	112.3			112.3		2889			
		15+98.31 TO 17+06.95	LT/RT			116.0			116.0					
		16+78.40 TO 17+50.08	RT			75.2			75.2					
		16+78.40 TO 17+02.98	RT			25.4			25.4					
		17+02.98 TO 19+88.28	RT			285.3			285.3					
		19+88.28 TO 20+38.27	LT/RT			54.1			54.1					
		20+38.27 TO 20+44.41	LT			6.2			6.2					
		24+41.50 TO 24+58.50	LT			17.0			17.0					
		25+66.73 TO 25+87.71	LT/RT			59.3			59.3					
		26+40.58 TO 26+56.13	RT			22.7			22.7					
		26+40.61 TO 26+55.13	RT			18.7			18.7					
		26+40.77 TO 26+41.10	RT			10.5			10.5					
		26+40.80 TO 26+41.80	RT			1.6			1.6					
		26+40.80 TO 26+41.10	RT			20.1			20.1					
		26+41.80 TO 26+49.23	RT			7.4			7.4					
		26+48.31 TO 26+50.20	RT			16.3			16.3					
		26+48.31 TO 26+48.37	RT			3.7			3.7					
		26+48.37 TO 26+48.91	RT			4.6			4.6					
		26+49.14 TO 26+88.73	RT			44.4			44.4					
		26+49.14 TO 26+88.71	LT/RT			46.4			46.4					
		26+49.23 TO 26+50.20	RT			1.8			1.8					
		31+43.55 TO 31+60.47	RT			17.0			17.0					
		38+64.41 TO 38+81.34	LT			17.0			17.0					
		70+51.40 TO 70+72.40	LT/RT			59.3			59.3					
		71+75.09 TO 71+96.06	LT/RT			59.3			59.3					
		80+23.34 TO 80+40.34	RT			17.0			17.0					
		81+63.73 TO 81+69.73	LT			6.1			6.1					
		81+69.73 TO 82+36.33	LT/RT			75.4			75.4					
		82+04.40 TO 82+10.40	RT			6.1			6.1					
		82+10.40 TO 82+31.43	RT			21.0			21.0					
		82+31.43 TO 82+36.33	RT			14.9			14.9					
		83+25.96 TO 83+40.48	LT/RT			45.6			45.6					
		83+40.46 TO 83+46.46	LT			6.1			6.1					
		83+40.48 TO 83+46.46	RT			6.1			6.1					
		88+97.48 TO 89+03.39	RT			6.0			6.0					
		88+97.60 TO 89+03.52	LT			6.0			6.0					
		89+03.39 TO 89+16.87	LT/RT			42.2			42.2					
		89+84.39 TO 90+03.07	LT/RT			58.3			58.3					
		90+02.90 TO 90+08.81	RT			6.0			6.0					
		90+03.07 TO 90+08.98	LT			6.0			6.0					
		91+49.85 TO 91+66.85	LT			17.0			17.0					
		92+15.68 TO 92+73.69	RT			89.4			89.4					
		92+27.08 TO 92+70.01	RT			62.2			62.2					
		92+44.33 TO 92+67.56	RT			34.7			34.7					
		92+45.89 TO 92+67.56	RT			30.1			30.1					
		94+08.88 TO 100+11.83	LT			606.0			606.0					
		94+09.14 TO 100+11.83	LT/RT			608.2			608.2					

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (11)

SHEET NO. SQ-11

SUMMARY OF CURB & GUTTER AND TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 7	Concrete Curb & Gutter, Type E (Continued)	94+91.53 TO 95+08.53	RT		LF	17.0			17.0					
0520 1 10	Concrete Curb & Gutter, Type F	26+20.25 TO 26+20.96	RT		LF	10.5			10.5		316			
		26+72.69 TO 26+72.76	RT			4.1			4.1					
		38+43.97 TO 41+32.23	RT			287.9	Inlet	10.5	277.4					
		41+35.87 TO 41+41.87	LT			6.0			6.0					
		41+35.88 TO 41+41.89	RT			6.0			6.0					
		55+35.07 TO 55+41.06	LT			5.9			5.9					
		55+35.14 TO 55+41.14	RT			5.9			5.9					
0520 2 2	Concrete Curb, Type B	27+71.52 TO 27+73.02	RT		LF	3.0			3.0		6			
		28+00.36 TO 28+01.87	RT			3.0			3.0					
0520 2 4	Concrete Curb, Type D	99+95.02 TO 99+96.74	RT		LF	6.0			6.0		32			
		99+96.74 TO 100+11.68	RT			14.9			14.9					
		100+11.68 TO 100+13.65	RT			3.4			3.4					
		100+18.71 TO 100+20.70	RT			2.9			2.9					
		100+20.70 TO 100+22.00	RT			1.3			1.3					
		100+22.00 TO 100+23.85	RT			3.9			3.9					
0520 5 11	Traffic Separator, Concrete, Type I, 4' wide	17+06.95 TO 17+26.95	LT		LF	23.1			23.1		23			
0520 70	Concrete Traffic Separator, Special - Variable Width	16+58.83 TO 16+76.59	RT	165463	SY				57.9		97			
		16+58.98 TO 16+88.74	RT	165451					39.0					

SUMMARY OF RAILING

LOCATION STA. TO STA.	SIDE	PIPE HANDRAIL - GUIDERAIL, ALUMINUM 0515 1 2 LF P	PIPE HANDRAIL - GUIDERAIL, ALUMINUM 0515 1 2 LF F	DESIGN NOTES	CONSTRUCTION REMARKS
23+50.00 TO 25+00.00	LT	150.0			
28+86.00 TO 30+59.99	RT	174.0			
71+77.74 TO 72+04.24	RT	26.5			
77+86.75 TO 78+13.25	RT	26.5			
87+56.75 TO 87+83.25	RT	26.5			
SUB-TOTAL:		403.5			
TOTAL:		404			

SUMMARY OF GRAVITY WALL

LOCATION STA. TO STA.	SIDE	CONCRETE CLASS NS, GRAVITY WALL 0400 0 11 CY P	CONCRETE CLASS NS, GRAVITY WALL 0400 0 11 CY F	DESIGN NOTES	CONSTRUCTION REMARKS
23+50.00 TO 25+00.00	LT	64.5		SCHEME I	
28+86.00 TO 30+59.99	RT	55.7		SCHEME I	
71+77.74 TO 72+04.24	RT	8.5		SCHEME I	
77+86.75 TO 78+13.25	RT	5.8		SCHEME I	
87+56.75 TO 87+83.25	RT	8.5		SCHEME I	
SUB-TOTAL:		143.0			
TOTAL:		143.0			

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (12)

SHEET NO. SQ-12

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 6" 0522 2 SY P	CONC SIDEWALK 6" 0522 2 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
16+58.94 TO 16+84.54	RT	164496	16.5					
16+97.39 TO 26+14.13	RT	110528	641.8					
20+82.15 TO 20+90.08	LT	134407	7.4					
21+19.77 TO 21+32.38	LT	134412	10.2					
24+47.50 TO 24+52.50	LT	154747	4.9					
26+39.14 TO 26+55.37	RT	110552	10.2					
26+73.44 TO 27+67.64	RT	110561	63.7					
27+94.13 TO 33+47.38	RT	134541	374.4					
31+43.54 TO 31+60.47	RT	154611	15.6					
31+49.50 TO 31+54.49	RT	154606	10.1					
33+72.74 TO 41+41.89	RT	110515	535.3					
36+51.46 TO 36+58.24	LT	134419	6.6					
36+79.95 TO 36+90.27	LT	134425	8.9					
38+64.42 TO 38+81.37	LT	110714	18.4					
55+24.59 TO 70+86.82	RT	134444	~~1064.7~~	1053.3				
~~55+24.14 TO 71+03.86~~								
59+29.69 TO 59+38.84	LT	134432	8.1					
59+58.75 TO 59+68.12	LT	134437	8.3					
70+78.93 TO 70+84.01	LT	110728	5.3					
70+89.23 TO 70+96.05	LT	134488	6.8					
71+46.84 TO 76+93.84	RT	154662	368.0					
71+61.06 TO 71+71.69	LT	134493	9.0					
71+71.65 TO 71+80.37	LT	110733	5.9					
77+17.29 TO 82+51.00	RT	154681	363.1					
82+86.18 TO 86+80.00	RT	127736	272.2					
86+79.99 TO 89+84.12	RT	154700	201.8					
89+07.97 TO 89+15.99	LT	134500	7.4					
89+68.92 TO 89+76.90	LT	134505	7.6					
89+83.72 TO 92+34.75	RT	78169	169.6					
91+55.85 TO 91+60.85	LT	110739	4.9					
92+37.61 TO 92+69.06	RT	78123	20.1					
92+82.80 TO 96+63.29	RT	154715	255.2					
94+97.55 TO 95+02.78	RT	78245	17.7					
96+79.53 TO 99+19.80	RT	154731	160.7					
100+11.68 TO 100+20.70	RT	26892	1.3					
SUB-TOTAL:			~~4681.7~~	4670.3				
TOTAL:			~~4682~~	4670	556			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (13)

SHEET NO. SQ-13

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 6" 0522 2 SY P	 F	DETECTABLE WARNINGS 0527 2 SF P	 F	DESIGN NOTES	CONSTRUCTION REMARKS
16+58.94 TO 16+60.97	RT	165484			16.9			
16+76.31 TO 16+84.54	RT	165478			21.0			
16+97.39 TO 17+02.94	RT	66689			11.9			
20+84.98 TO 20+90.08	LT	27308			20.9			
21+19.77 TO 21+30.30	LT	27378			25.6			
25+98.95 TO 26+09.66	RT	27383			19.1			
26+39.14 TO 26+41.27	RT	27340			14.7			
26+50.35 TO 26+55.37	RT	27333			15.5			
26+73.44 TO 26+77.95	RT	27328			12.9			
27+63.74 TO 27+67.64	RT	27368			12.5			
27+94.13 TO 27+98.29	RT	27373			12.7			
33+41.24 TO 33+47.38	RT	27388			14.2			
33+72.74 TO 33+75.33	RT	27323			12.1			
36+54.32 TO 36+58.24	LT	27457			20.3			
36+79.95 TO 36+87.59	LT	27452			22.9			
59+32.36 TO 59+38.84	LT	27313			21.8			
59+58.75 TO 59+65.46	LT	27318			22.0			
70+92.15 TO 70+96.05	LT	27419			20.4			
70+80.36 TO 70+86.82 / ~~70+97.01 TO 71+03.86~~	RT	~~134559~~ 171862			~~14.8~~ 14.5			
71+46.84 TO 71+50.54	RT	134564			12.4			
71+61.06 TO 71+69.22	LT	27424			23.2			
76+89.98 TO 76+93.84	RT	154772			12.5			
77+17.29 TO 77+20.55	RT	154777			12.3			
82+44.94 TO 82+51.00	RT	27398			14.1			
82+86.18 TO 82+89.48	RT	27358			12.3			
89+10.80 TO 89+15.99	LT	27409			20.9			
89+68.92 TO 89+74.12	LT	27414			21.1			
92+22.35 TO 92+29.11	RT	27435			14.8			
92+37.61 TO 92+43.87	RT	27403			16.8			
92+67.06 TO 92+69.06	RT	27352			14.7			
92+82.80 TO 92+87.02	RT	27345			12.7			
96+59.66 TO 96+61.66	RT	165503			12.0			
96+79.55 TO 96+81.63	RT	165508			12.0			
100+11.68 TO 100+20.70	RT	27429			11.8			
SUB-TOTAL:					~~555.8~~	555.5		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (14)

SHEET NO.
SQ-14

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
15+93.52 TO 20+70.90	LT	113209	158.7			
15+93.57 TO 20+87.15	LT	159005	567.0			
15+94.09 TO 17+58.70	LT	158982	375.6			
15+98.31 TO 17+06.95	LT/RT	46507	114.1			
16+78.72 TO 25+72.71	LT/RT	113217	2391.5			
16+91.96 TO 25+70.75	RT	120563	2197.4			
17+00.46 TO 26+02.65	RT	120545	3540.2			
17+09.59 TO 25+99.49	RT	119952	326.8			
17+47.75 TO 20+90.33	LT	158987	1163.1			
21+12.52 TO 35+02.49	LT	120916	2915.0			
21+27.38 TO 24+47.50	LT	159021	301.1			
21+36.57 TO 24+47.50	LT	159078	135.1			
24+52.50 TO 36+56.39	LT	159035	2270.3			
24+52.50 TO 36+37.66	LT	159085	413.8			
25+70.43 TO 26+09.32	RT	48251	124.3			
25+96.97 TO 26+21.25	RT	46544	44.5			
26+41.27 TO 26+49.47	RT	164136	22.2			
26+41.39 TO 26+55.55	RT	164147	8.0			
26+49.76 TO 41+41.89	LT/RT	113249	4866.9			
26+71.53 TO 27+72.25	RT	48293	231.0			
26+75.73 TO 27+65.80	RT	48284	160.9			
26+88.24 TO 27+49.74	RT	46935	19.2			
27+92.35 TO 31+49.51	RT	155006	1066.1			
27+96.25 TO 33+51.77	RT	120038	1028.4			
27+96.99 TO 31+43.55	RT	154922	125.5			
31+54.46 TO 33+43.74	RT	154907	504.1			
31+60.89 TO 33+29.62	RT	46952	73.6			
33+72.73 TO 37+07.62	RT	120728	571.4			
33+73.31 TO 41+32.23	RT	120861	4073.2			
33+89.01 TO 38+44.00	RT	46958	151.1			
35+01.98 TO 36+58.42	LT	113543	319.0			
36+77.57 TO 41+32.15	LT	46613	722.3			
36+85.12 TO 38+70.45	LT	48443	265.9			
36+98.98 TO 38+64.42	LT	46978	72.2			
37+07.23 TO 41+32.23	RT	120737	1173.2			
38+75.40 TO 41+32.17	LT	155027	407.3			
38+81.33 TO 41+23.99	LT	113656	89.8			
55+34.77 TO 63+08.74	RT	159100	4107.9			
55+34.77 TO 63+04.54	RT	159132	253.2	C1		
55+34.77 TO ~~71+09.51~~ 70+90.99	RT	120199	~~3564.7~~	3535.3		
55+34.96 TO 59+34.64	LT	120974	732.8			
55+34.96 TO 59+21.71	LT	121494	129.1			
55+35.02 TO 59+40.94	LT	120961	994.9			
55+35.07 TO 70+57.40	LT/RT	113275	5306.0			
59+56.39 TO 70+79.01	LT	121005	3690.2			
59+63.15 TO 70+94.23	LT	121023	1004.9			
59+76.40 TO 70+76.20	LT	121480	363.8			
SUB-TOTAL			~~53137.3~~	53107.9		
TOTAL			~~95353~~	95294	C1	

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
63+04.23 TO ~~70+87.48~~ 70+71.38 / 70+82.94 C1	RT	159123	~~283.2~~	276.1		
63+04.54 TO ~~70+99.65~~	RT	159110	~~3040.2~~	3017.4		
70+83.93 TO 70+96.20	LT	46883	13.7		C1	
71+45.89 TO 76+94.16	RT	159201	1101.5			
71+48.43 TO 76+92.16	RT	159167	1760.3			
71+58.34 TO 71+75.37	LT	46890	16.6			
71+65.89 TO 76+85.37	RT	159184	196.3			
71+66.69 TO 89+12.97	LT	121079	1394.3			
71+77.23 TO 89+16.97	LT	121038	5854.3			
71+77.23 TO 100+24.70	LT	159730	9605.6			
71+80.32 TO 88+96.52	LT	121095	600.9			
71+90.09 TO 82+35.76	LT/RT	121684	4287.1			
77+16.93 TO 82+54.65	RT	121751	705.8			
77+18.47 TO 80+29.34	RT	159234	856.3			
77+33.64 TO 80+29.34	RT	159223	101.8			
80+34.34 TO 82+47.42	RT	121745	314.8			
80+34.34 TO 82+33.14	RT	121738	85.2			
82+85.69 TO 84+33.53	RT	121771	210.8			
82+87.41 TO 92+24.95	RT	121794	2110.5			
83+05.69 TO 92+09.47	RT	121826	328.3			
83+40.45 TO 89+03.51	LT/RT	159247	1862.9			
84+76.11 TO 92+29.65	RT	121209	1218.4			
89+71.81 TO 91+55.85	LT	47235	131.9			
89+77.43 TO 91+55.85	LT	47245	76.9			
90+02.90 TO 100+06.78	LT/RT	113358	2295.2			
91+60.85 TO 100+06.75	LT	121151	291.2			
91+60.85 TO 100+27.70	LT	160848	813.6			
92+16.03 TO 92+73.03	RT	121257	123.5			
92+45.03 TO 92+66.81	RT	46843	22.9			
92+81.06 TO 93+01.96	RT	164185	64.5			
92+84.85 TO 94+97.77	RT	164161	830.0			
93+09.62 TO 94+97.56	RT	47041	68.9			
95+02.55 TO 96+30.40	RT	47053	53.5			
95+02.56 TO 96+62.25	RT	164176	486.3			
96+78.57 TO 99+75.96	RT	162031	850.7			
96+79.63 TO 99+66.06	RT	121463	125.6			
97+49.85 TO 97+68.45	RT	164191	32.0	C1		
SUB-TOTAL:			~~42215.5~~	42185.6		

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

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Adrienne A. Wisdom
P.E. No.: 78492

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SUMMARY OF QUANTITIES (15)

SHEET NO. SQ-15

LEE COUNTY

DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

FROM SR 884 TO SR 82

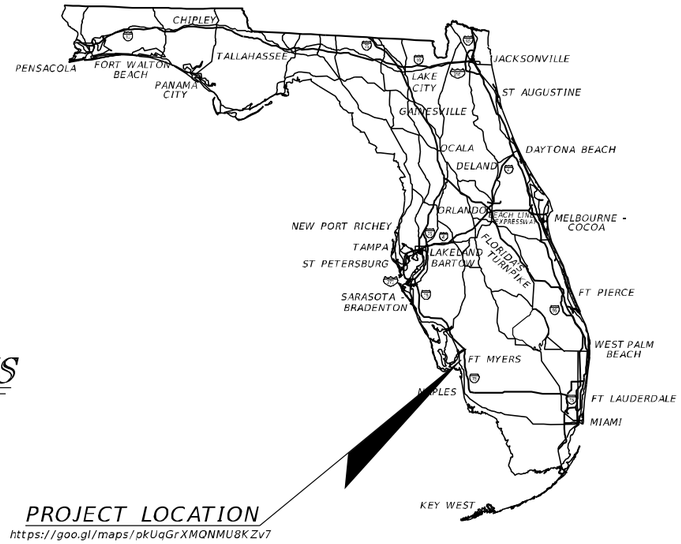
LEE COUNTY

COUNTY ROAD NO. 865

SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-4	TABULATION OF QUANTITIES
S-5	GENERAL NOTES
S-6 - S-22	SIGNING & PAVEMENT MARKING PLANS
S-23	GUIDE SIGN WORKSHEET



M. FATHY ABDALLA
LICENSE
No 63914
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

M. Fathy Abdalla 2024.12.17 16:29:05-05'00'

ON THE DATE ADJACENT TO THE SEAL

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

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2023-24 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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

KCA KISINGER CAMPO & ASSOCIATES

SIGNING AND PAVEMENT MARKING PLANS ENGINEER OF RECORD:

M. FATHY ABDALLA, P.E.
P.E. NO.: 63914
KISINGER CAMPO & ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FL 33602
PHONE: (813) 871-5331
CONTRACT NO.: CN18-8479

LDOT PROJECT MANAGER:

C1 KEITH RIDDLE, CGC

KEY SHEET REVISIONS

DATE	DESCRIPTION
12/5/24	C1 REVISED PM

SHEET NO. S-1

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-6		S-7		S-8		S-9		S-10		S-11		S-12					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
0523-2-3	PATTERNED PAVEMENT, NON-VEHICULAR AREAS, GREEN BIKE LANE	SY			40												40			
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS			5		5		12		5		7				34			
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS			1												1			
700-1-50	SINGLE POST SIGN, RELOCATE	AS									1		1				2			
700-1-60	SINGLE POST SIGN, REMOVE	AS			6		8		4		3		9		2		32			
700-2-13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS																		
700-2-14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS			1												1			
700-2-50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS											1				1			
700-2-60	MULTI- POST SIGN, REMOVE	AS			1												1			
705-11-1	DELINEATOR, FLEXIBLE TUBULAR	EA			2				2								4			
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	3		61		99		148		63		65		14		453			
710-11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF			6												6			
710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF			27				69								96			
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																		
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	GM	0.050		0.381		0.661		0.498		0.489		0.470		0.102		2.651			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM			0.117		0.027		0.018		0.029		0.029				0.220			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF			129		70		167		55		51				472			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF			166		104		19		93		100				482			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF			16		13		36		15		15				95			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.024		0.175		0.212		0.213		0.211		0.212		0.120		1.167			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM			0.027		0.063		0.143		0.042		0.049				0.324			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA			1				1								2			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA			4		11		7		3		3				28			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	GM			0.182		0.219		0.238		0.218		0.218		0.112		1.187			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF			70				137								207			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM							0.036								0.036			
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF			129		70		167		55		51				472			
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF			166		104		19		93		100				482			
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24" FOR STOP LINE OR CROSSWALK	LF			16		13		36		15		15				95			
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM			0.027		0.063		0.143		0.042		0.049				0.324			
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA			1				1								2			
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA			4		11		7		3		3				28			
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF			70				137								207			
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM							0.036								0.036			
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF																		
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA			3		4		6		4		4				21			
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA			3		4		6		4		4				21			
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID 6"	GM	0.050		0.381		0.661		0.498		0.489		0.470		0.102		2.651			
711-16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM			0.117		0.027		0.018		0.029		0.029				0.220			
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.024		0.175		0.212		0.213		0.211		0.212		0.120		1.167			
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM			0.182		0.219		0.238		0.218		0.218		0.112		1.187			

* These quantities are paid for under Painted Pavement Markings (Final Surface), Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required. Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (1)

SHEET NO. S-2

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-13		S-14		S-15		S-16		S-17		S-18		S-19					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
0523-2-3	PATTERNED PAVEMENT, NON-VEHICULAR AREAS, GREEN BIKE LANE	SY																		
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS					4		1		8		5		8		26			
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS									2				1		3			
700-1-50	SINGLE POST SIGN, RELOCATE	AS			1				1								2			
700-1-60	SINGLE POST SIGN, REMOVE	AS	1		4		2		1		3		1		6		18			
700-2-13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS																		
700-2-14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS																		
700-2-50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS											1		1		2			
700-2-60	MULTI- POST SIGN, REMOVE	AS																		
705-11-1	DELINEATOR, FLEXIBLE TUBULAR	EA									2				2		4			
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA			18		28		38		251	C1	64		169		568	C1		
710-11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF																		
710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF									69				125		194			
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																		
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	GM			0.275		0.399		0.461		0.529		0.519		0.489		2.672			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM									0.056		0.029		0.019		0.104			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF					49				263	C1	49		75		436	C1		
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF									121		63		33		217			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF					10				82		12		34		138			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM			0.137		0.213		0.213		0.213		0.213		0.213		1.202			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM					0.054		0.043		0.184		0.058		0.039		0.378			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA																		
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA							3		13		2		5		23			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	GM			0.131		0.219		0.212		0.208		0.218		0.170		1.158			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF									42						42			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM									0.048				0.051		0.099			
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF					49				263	C1	49		75		436	C1		
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF									121		63		33		217			
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24" FOR STOP LINE OR CROSSWALK	LF					10				82		12		34		138			
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM					0.054		0.043		0.184		0.058		0.039		0.378			
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA																		
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA							3		13		2		5		23			
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF									42						42			
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM									0.048				0.051		0.099			
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF																		
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA			1		3		4		8		4		3		23			
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA			2		4		4		8		4		3		25			
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID 6"	GM			0.275		0.399		0.461		0.529		0.519		0.489		2.672			
711-16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM									0.056	C1	0.029		0.019		0.104	C1		
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM			0.137		0.213		0.213		0.213		0.213		0.213		1.202			
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM			0.131		0.219		0.212		0.208		0.218		0.170		1.158			

* These quantities are paid for under Painted Pavement Markings (Final Surface), Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required. Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 UPDATED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (2)

SHEET NO. S-3

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS S-20 PLAN	S-20 FINAL	S-21 PLAN	S-21 FINAL	S-22 PLAN	S-22 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
0523-2-3	PATTERNED PAVEMENT, NON-VEHICULAR AREAS, GREEN BIKE LANE	SY									40	
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	8		7		1		16		76	
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1						1		5	
700-1-50	SINGLE POST SIGN, RELOCATE	AS			1				1		5	
700-1-60	SINGLE POST SIGN, REMOVE	AS	5				2		7		57	
700-2-13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS			1				1		1	
700-2-14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS									1	
700-2-50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	2						2		5	
700-2-60	MULTI- POST SIGN, REMOVE	AS			1				1		2	
705-11-1	DELINEATOR, FLEXIBLE TUBULAR	EA	3				1		4		12	
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	256		90		95		441		1462	C1
710-11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	4						4		10	
710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	55				11		66		356	
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS							1		1	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	GM	0.578		0.749		0.480		1.807		7.130	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.024				0.017		0.041		0.365	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	136		31		197		364		1272	C1
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	19				27		46		745	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	44		11		51		106		339	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.213		0.190		0.038		0.441		2.810	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.116		0.085				0.201		0.903	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA									2	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	9		10		6		25		76	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	GM	0.190		0.235		0.078		0.503		2.848	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF			28				28		277	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.042						0.042		0.177	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	136		31		197		364		1272	C1
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	19				27		46		745	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24" FOR STOP LINE OR CROSSWALK	LF	44		11		51		106		339	
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.116		0.085				0.201		1	
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA									2	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	9		10		6		25		76	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF			28				28		277	
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.042						0.042		0.177	
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF					172		172		172	
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	5		4		2		11		55	
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	5		4		2		11		57	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID 6"	GM	0.578		0.749		0.480		1.807		7.130	C1
711-16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.024				0.017		0.041		0.365	
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.213		0.190		0.038		0.441		2.810	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.190		0.235		0.078		0.503		2.848	

* These quantities are paid for under Painted Pavement Markings (Final Surface), Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required. Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 UPDATED QUANTITIES		

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (3)

SHEET NO. S-4

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

GENERAL NOTES

1. 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. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. CALL SUNSHINE 811 AT 1-800-432-4770 AND THE UTILITY OWNERS TWO FULL BUSINESS DAYS BEFORE BEGINNING WORK. ALL UTILITIES MAY NOT BE MEMBERS OF SUNSHINE 811 AND WILL THEREFORE REQUIRE DIRECT CONTACT.

3. EXISTING SIGN ASSEMBLIES TO BE REMOVED WILL BE PLACED IN AREAS APPROVED BY THE ENGINEER FOR PICK UP BY THE LEE COUNTY DEPARTMENT OF TRANSPORTATION OPERATIONS DIVISION. ANY SIGNS NOT TAKEN BY THE LCDOT OPERATIONS DIVISION WILL BE DISPOSED OF BY THE CONTRACTOR AT THEIR EXPENSE.

4. WHERE FOOTER OR FOUNDATION ARE TO BE INSTALLED BY AUGURING OR DRILLING, SURVEY AND STAKE OR PAINT TO AN ACCURACY OF 0.1 FEET PRIOR TO REQUESTING UTILITY LOCATES. STAKE OR PAINT THE CENTER OF EACH LOCATION CLEARLY LABEL WITH STATION, OFFSET, IDENTIFYING STRUCTURE NUMBER, AND DIAMETER OF EXCAVATION IN INCHES.

5. WHERE AUGERING OR DRILLING, EXCAVATE THE FIRST 4 FEET BY NON MECHANICAL AND NON DESTRUCTIVE MEANS.

6. PAVEMENT MARKINGS ON ASPHALT PAVEMENT SHALL BE STANDARD THERMOPLASTIC EXCEPT FOR SPECIAL EMPHASIS CROSSWALKS. USE PREFORMED THERMOPLASTIC FOR THE LONGITUDINAL STRIPES WITHIN THE SPECIAL EMPHASIS CROSSWALKS.

7. SIGN SUPPORTS FOR PANELS GREATER THAN 9 SF AND LESS THAN 24 SF SHALL BE DESIGNED AND ASSEMBLED USING THE LCDOT TRAFFIC SECTION DESIGN STANDARD FOR SIGN INSTALLATION.

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REVISIONS			
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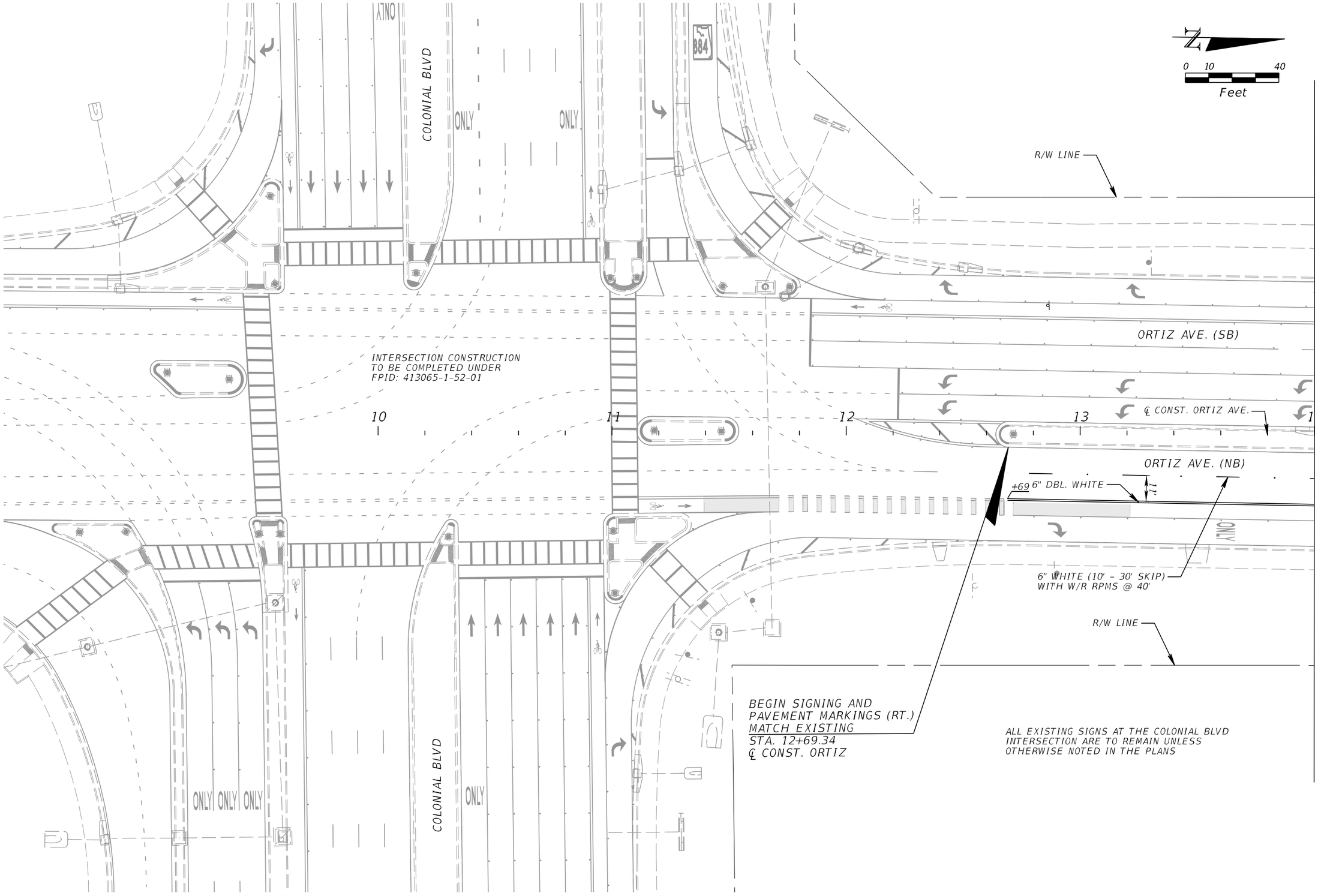
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Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

GENERAL NOTES

SHEET NO.
S-5



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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (1)

SHEET NO. S-6

BEGIN PROJECT
BEGIN SIGNING AND PAVEMENT MARKINGS (LT.)
MATCH EXISTING
STA. 15+98.31
℄ CONST. ORTIZ

GREEN BIKE LANE PATTERNED PAVEMENT
523-2-3 40 SY

REMOVE
700-1-60 1 AS

R5-1
36" X 36"
700-1-11 1 AS
STA. 16+34

REMOVE
700-1-60 1 AS

GM-01
11'-0" X 3'-6"
700-2-14 1 AS
STA. 17+00

REMOVE
700-2-60 1 AS

0 10 40
Feet

TO REMAIN
JCT 884

R/W LINE

6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'

8" WHITE WITH W/R RPMS @ 20'

6" YELLOW

18" YELLOW @ 20'

6" YELLOW WITH Y/Y RPMS @ 20'

REFL. YELLOW PAINT WITH Y/Y DELINEATOR
705-11-1 1 EA

18" WHITE @ 20'

6" DBL. WHITE

ORTIZ AVE. (SB)

11' 11' 9.67' 11' 7'

+55 +27 +37 +67 +53 +30

4 15 16 17 18 19

MATCHLINE STA. 14+00

8" WHITE

6" DBL WHITE

6" WHITE (2' - 4' SKIP)

18" YELLOW @ 10'

℄ CONST. ORTIZ AVE.

6" YELLOW

REFL. WHITE PAINT WITH W/R DELINEATOR
705-11-1 1 EA

+41 +58 +94 +03 +12 +41 +58 +84 +14 +38 +01 +80 +97 +23 +58 +95

6" WHITE

12" WHITE

8" WHITE WITH W/R RPMS @ 10'

18" WHITE @ 10'

6" WHITE

12" WHITE

ORTIZ AVE. (NB)

6" DBL. WHITE

6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'

MATCHLINE STA. 19+60

+78 90.6' RT

14'

+68 190.6' RT

COLONIAL CENTER DR.

ONLY

STOP

ONLY

Ortiz Av

Colonial Center Dr

Colonial Center Dr

R/W LINE

R/W LINE

R/W LINE

R/W LINE

6" YELLOW

24" WHITE

18" YELLOW @ 20'

6" YELLOW WITH Y/Y RPM'S @ 20'

SOUTH 75 Naples

NORTH 75 Tampa

TO REMAIN

R3-4
36"X36"
700-1-11 1 AS
STA. 16+08

W11-2
30" X 30"
700-1-11 1 AS
STA. 15+75

R4-7
24"X30"
OM1-3
18"X18"
700-1-11 1 AS
STA. 16+64

R1-1
36"X36"
R3-5R
30"X36"
700-1-12 1 AS
700-1-60 1 AS
STA. 16+99

D3-1
700-1-11 1 AS
STA. 17+18

REMOVE
700-1-60 1 AS

NATURE CENTER & PLANETARIUM

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

DO NOT ENTER

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LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (2)

SHEET NO. S-7

MATCHLINE STA. 19+60

MATCHLINE STA. 25+20

R6-1R
36" X 12"
R1-1
36" X 36"
700-1-11 1 AS
700-1-60 1 AS
STA. 20+85

STOP

ONE WAY

CALUSA NATURE CENTER ENTRANCE

REMOVE
700-1-60 1 AS

6" WHITE

6" DBL. YELLOW

6" WHITE

12" WHITE

8" WHITE WITH W/R RPMS @ 10'

W11-2
30" X 30"
W16-7P
24" X 12"
700-1-11 1 AS
STA. 21+37

REMOVE
700-1-60 1 AS

RS-031
18"X18"
700-1-11 1 AS
STA. 24+60

0 10 40
Feet

R/W LINE

6" WHITE WITH W/R RPMS @ 20'

6" DBL. WHITE WITH W/R RPMS @ 20'

6" WHITE

+91

+87

+27

+66

+90

+53

+41

+81

6" DBL. WHITE

24" WHITE

10'

18" WHITE @ 10'

6" WHITE

6" WHITE (2' - 4' SKIP)

11' 7' 11'

ORTIZ AVE. (SB)

20 21 22 23 24 25

6" YELLOW

℄ CONST. ORTIZ AVE.

6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'

+23

ORTIZ AVE. (NB)

11' 11' 7' 11' 11' 11'

+83

+68

+01

6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'

6" WHITE (2' - 4' SKIP)

6" DBL. WHITE

6" WHITE

6" WHITE WITH W/R RPMS @ 20'

6" DBL. WHITE WITH W/R RPMS @ 20'

R/W LINE

ONE WAY

R6-1R
36" X 12"
OM1-3
18" X 18"
700-1-11 1 AS
STA. 20+87

REMOVE
700-1-60 1 AS

ONE WAY

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

BEGIN RIGHT TURN LANE YIELD TO BIKES

R4-4
36"X30"
700-1-11 1 AS
STA. 22+83

REMOVE
700-1-60 1 AS

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (3)

SHEET NO. S-8

0 10 40
Feet

R4-7
26"X30"
700-1-11 1 AS
STA. 26+67

R6-1R
36" X 12"
OM1-3
18" X 18"
700-1-11 1 AS
STA, 26+80

R6-1R
36" X 12"
OM1-3
18" X 18"
700-1-11 1 AS
STA, 27+90

REMOVE
700-1-60 1 AS

R2-1
30"X36"
700-1-11 1 AS
STA. 29+28

6" WHITE WITH W/R RPMS @ 20'
6" DBL. WHITE WITH W/R RPMS @ 20'
R/W LINE
6" WHITE
6" WHITE (2' - 4' SKIP)
6" WHITE WITH W/R RPMS @ 20'
6" DBL. WHITE
6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'
6" YELLOW
REFL. YELLOW PAINT WITH Y/Y DELINEATOR
705-11-1 2 EA
ORTIZ AVE. (SB)
6" WHITE WITH W/R RPMS @ 20'
6" YELLOW WITH Y/Y RPMS @ 20'
18" YELLOW @ 20'
6" YELLOW (6' - 10' SKIP)
REMOVE
700-1-60 2 AS
℄ CONST. ORTIZ AVE.
6" YELLOW
6" WHITE (2' - 4' SKIP)
24" WHITE
ORTIZ AVE. (NB)
6" DBL. WHITE W/ W/R RPMS @ 20'
6" DBL. WHITE WITH W/R RPMS @ 20'
18" WHITE @ 10'
6" WHITE (2' - 4' SKIP)
6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'
6" DBL. WHITE
6" WHITE
8" WHITE WITH W/R RMPS @ 10'
18" YELLOW WITH Y/Y RMPS @ 10'
6" YELLOW
6" WHITE
EDISON APTS. ENTRANCE
CHURCH ENTRANCE
12" WHITE
6" DBL. YELLOW
12" WHITE
6" WHITE
R/W LINE
18" YELLOW WITH Y/Y RPMS @ 20'
6" YELLOW WITH Y/Y RPMS @ 20'
MATCH LINE A (SEE DETAIL)
MATCH LINE A
18" YELLOW WITH Y/Y RPMS @ 20'
26+52 245' RT.
6" YELLOW WITH Y/Y RPMS @ 20'
26+70 245' RT.

W11-2
30" X 30"
700-1-11 1 AS
STA. 25+77

R4-7
24"X30"
OM1-3
18"X18"
700-1-11 1 AS
STA. 26+47

R6-1R
36" X 12"
R1-1
36" X 36"
700-1-11 1 AS
STA. 26+76

D3-1
700-1-11 1 AS
STA. 26+88

W11-2
30" X 30"
W16-7P
24" X 12"
700-1-11 1 AS
STA. 28+00

R6-1R
36" X 12"
R1-1
36" X 36"
700-1-11 1 AS
STA. 28+00

R2-1
30"X36"
700-1-11 1 AS
700-1-60 1 AS
STA. 29+28

R4-7
26"X30"
700-1-11 1 AS
STA. 30+23

MATCHLINE STA. 25+20

MATCHLINE STA. 30+80

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LEE COUNTY
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (4)

SHEET NO. S-9

R6-1R
36" X 12"
OM1-3
18" X 18"
700-1-11 1 AS
STA. 33+61

RELOCATE
700-1-50 1 AS
STA. 33+96

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

0 10 40
Feet

R/W LINE

6" DBL. WHITE

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

+33

+08

7'
11'
11'

ORTIZ AVE. (SB)

6" WHITE (2' - 4' SKIP)

31 32 33 34 35 36

MATCHLINE STA. 30+90

6" YELLOW

℄ CONST. ORTIZ AVE.

MATCHLINE STA. 36+40

ORTIZ AVE. (NB)

6" WHITE (2' - 4' SKIP)

18" WHITE @ 10'

+08 +77 +93 +17 +07 +71 +80

6" WHITE

6" DBL. WHITE WITH
W/R RPMS @ 20'

6" DBL. WHITE

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

W11-2
30" X 30"
W16-7P
24" X 12"
700-1-11 1 AS
STA. 33+36

+44 +57 +62 +73 +73 +47 +59 +62

24" WHITE

6" WHITE

8" WHITE WITH
W/R RPMS @ 10'

R/W LINE

6" WHITE WITH
W/R RPMS @ 20'

12" WHITE

6" WHITE

6" DBL. YELLOW

SCOFIELD ST.

6" WHITE

R/W LINE

EASTWOOD GOLF COURSE

REMOVE
700-1-60 1 AS

RS-031
18"X18"
700-1-11 1 AS
STA. 31+65

W11-2
30" X 30"
W16-7P
24" X 12"
700-1-11 1 AS
STA. 33+76

R6-1R
36" X 12"
R1-1
36"X36"
700-1-11 1 AS
STA. 33+86

Ortiz Av
Scofield St

ONE WAY
STOP

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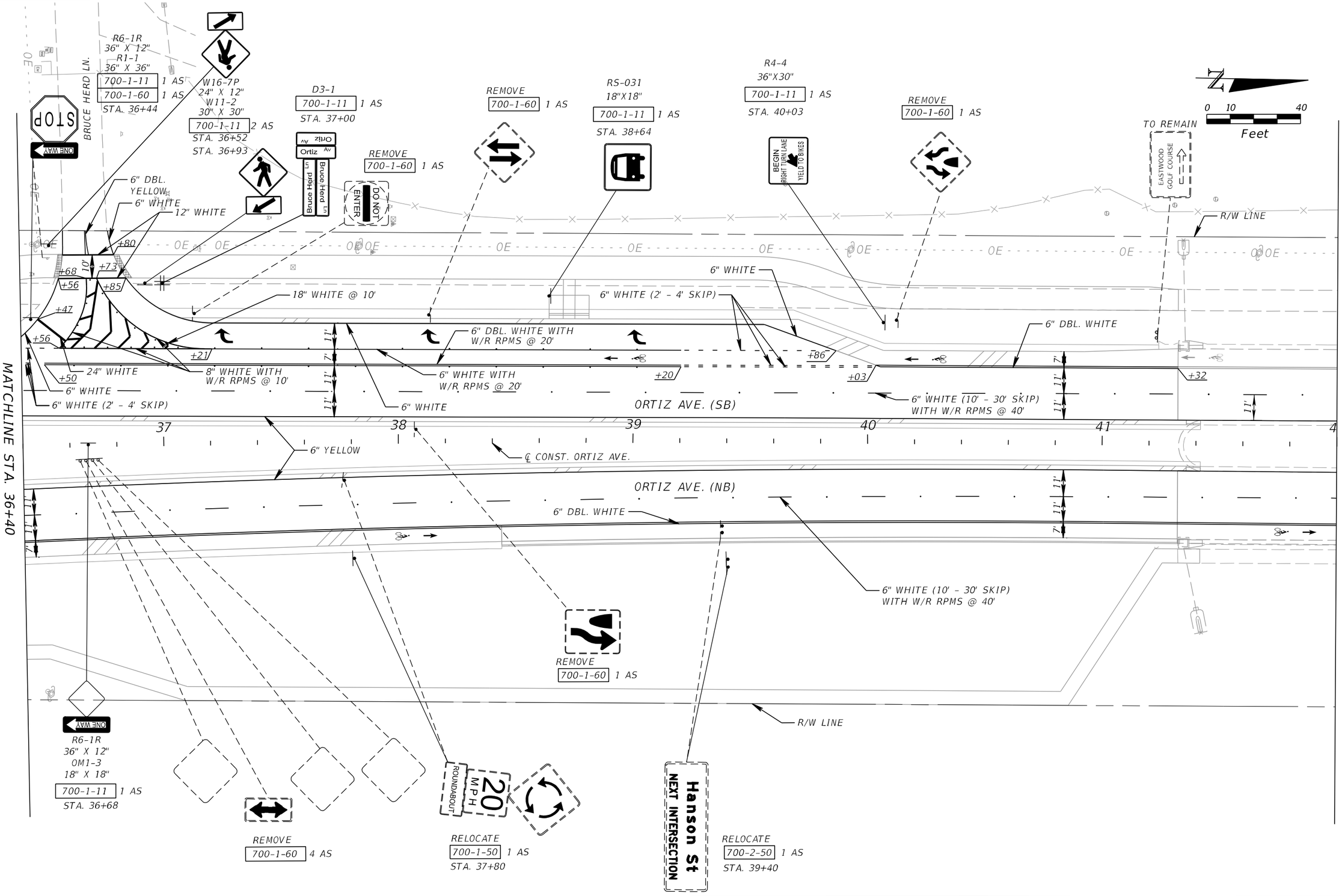
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (5)

SHEET NO.
S-10



REVISIONS			
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SIGNING AND PAVEMENT MARKING PLAN (6)

SHEET NO. S-11

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MATCHLINE STA. 42+00

MATCHLINE STA. 47+60

REMOVE
700-1-60 1 AS

N

0 10 40
Feet

R/W LINE

OE

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

11'

42 43 44 45 46 47

6" YELLOW

℄ CONST. ORTIZ AVE.

11'

11'

7'

+80

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

6" DBL. WHITE

BEGIN HANSON STREET EXCEPTION
END SIGNING AND
PAVEMENT MARKINGS (RT.)
MATCH EXISTING
STA. 43+80.00
℄ CONST. ORTIZ

600 FT

RIGHT LANE ENDS

ONLY

REMOVE
700-1-60 1 AS

R/W LINE

BEGIN HANSON STREET EXCEPTION
END SIGNING AND
PAVEMENT MARKINGS (LT.)
MATCH EXISTING
STA. 46+11.57
℄ CONST. ORTIZ

ALL EXISTING SIGNS AT THE HANSON STREET ROUNDABAOUT ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS

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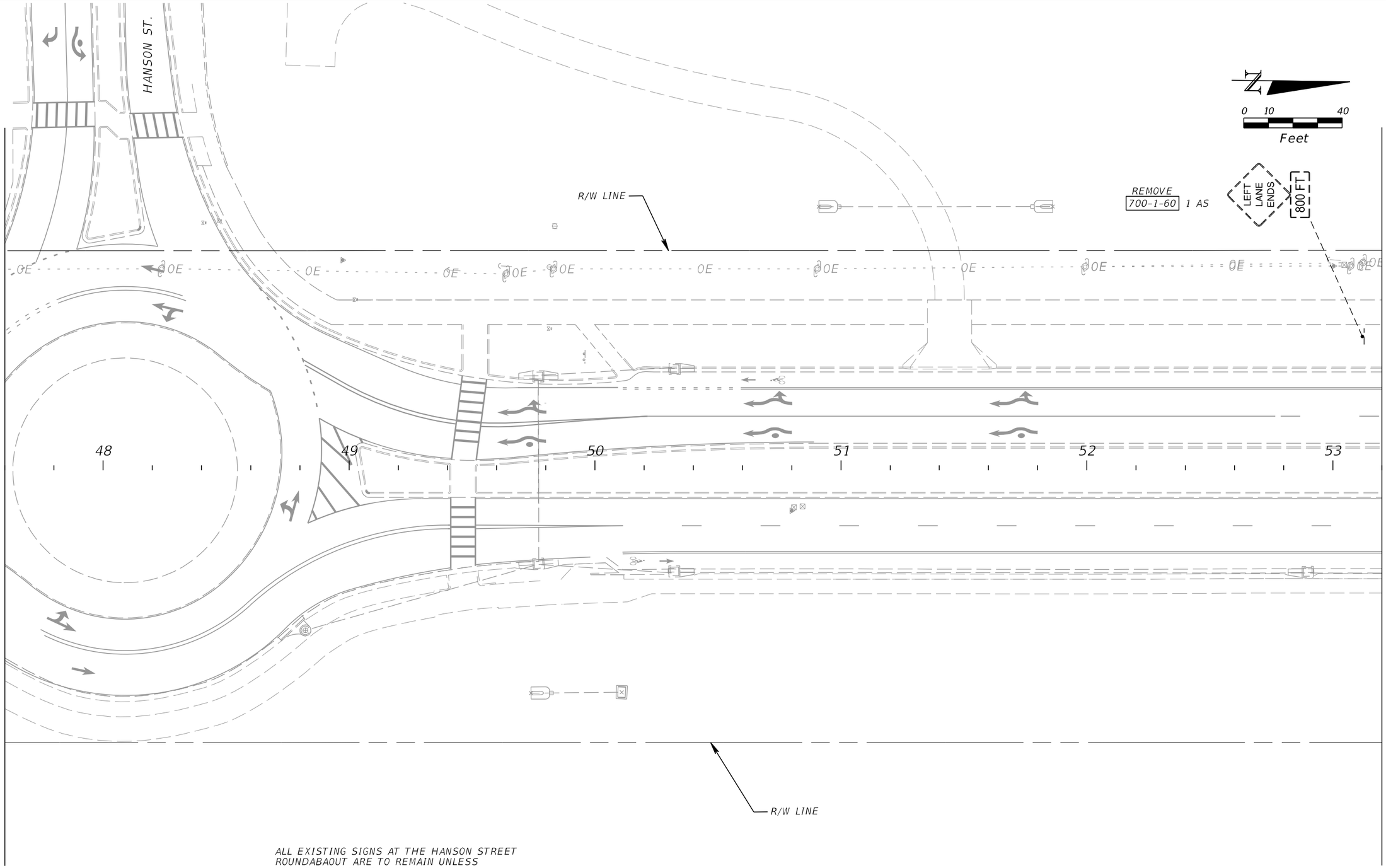
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LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (7)

SHEET NO.
S-12



ALL EXISTING SIGNS AT THE HANSON STREET ROUNDABAOUT ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS

REVISIONS			
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
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SIGNING AND PAVEMENT MARKING PLAN (8)

SHEET NO.
S-13

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TO REMAIN

TO REMAIN

ONLY

END HANSON STREET EXCEPTION
BEGIN SIGNING AND
PAVEMENT MARKING (LT.)
STA. 55+35.10
℄ CONST. ORTIZ

R/W LINE

Hanson St
NEXT INTERSECTION

RELOCATE
700-1-50 1 AS
STA. 58+00

20 MPH
ROUNDABOUT

N

0 10 40
Feet

REMOVE
700-1-60 1 AS

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

6" DBL. WHITE

7'
11'
11'

ORTIZ AVE. (SB)

54 55 56 57 58

6" YELLOW

℄ CONST. ORTIZ AVE.

+35

ORTIZ AVE. (NB)

11'
11'
7'

6" DBL. WHITE

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

REMOVE
700-1-60 1 AS

R/W LINE

END HANSON STREET EXCEPTION
BEGIN SIGNING AND
PAVEMENT MARKING (RT.)
STA. 55+35.10
℄ CONST. ORTIZ

MATCHLINE STA. 53+20

MATCHLINE STA. 58+80

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REVISIONS			
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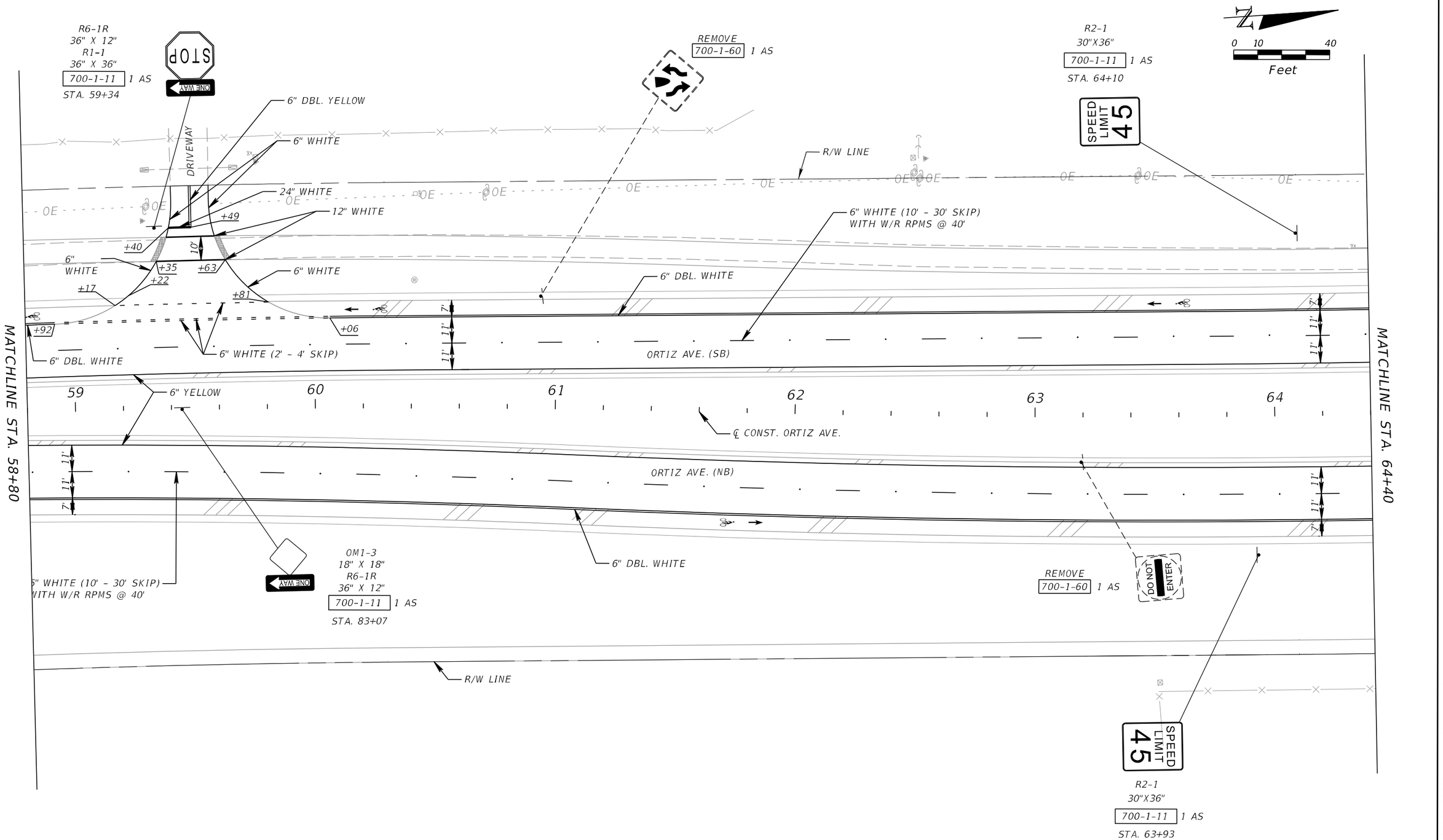
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LEE COUNTY
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SIGNING AND PAVEMENT MARKING PLAN (9)

SHEET NO.
S-14



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

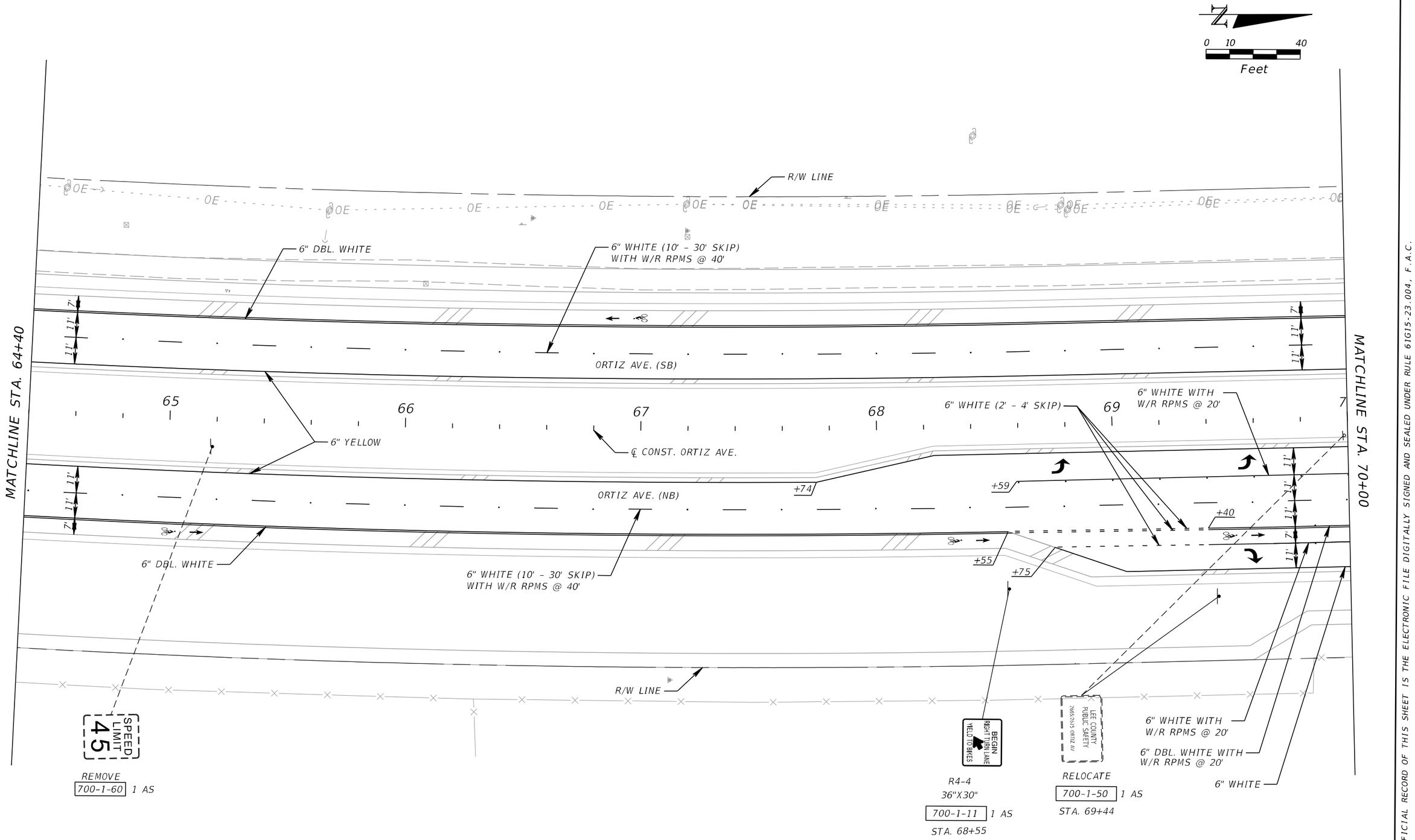
KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (10)

SHEET NO. S-15



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

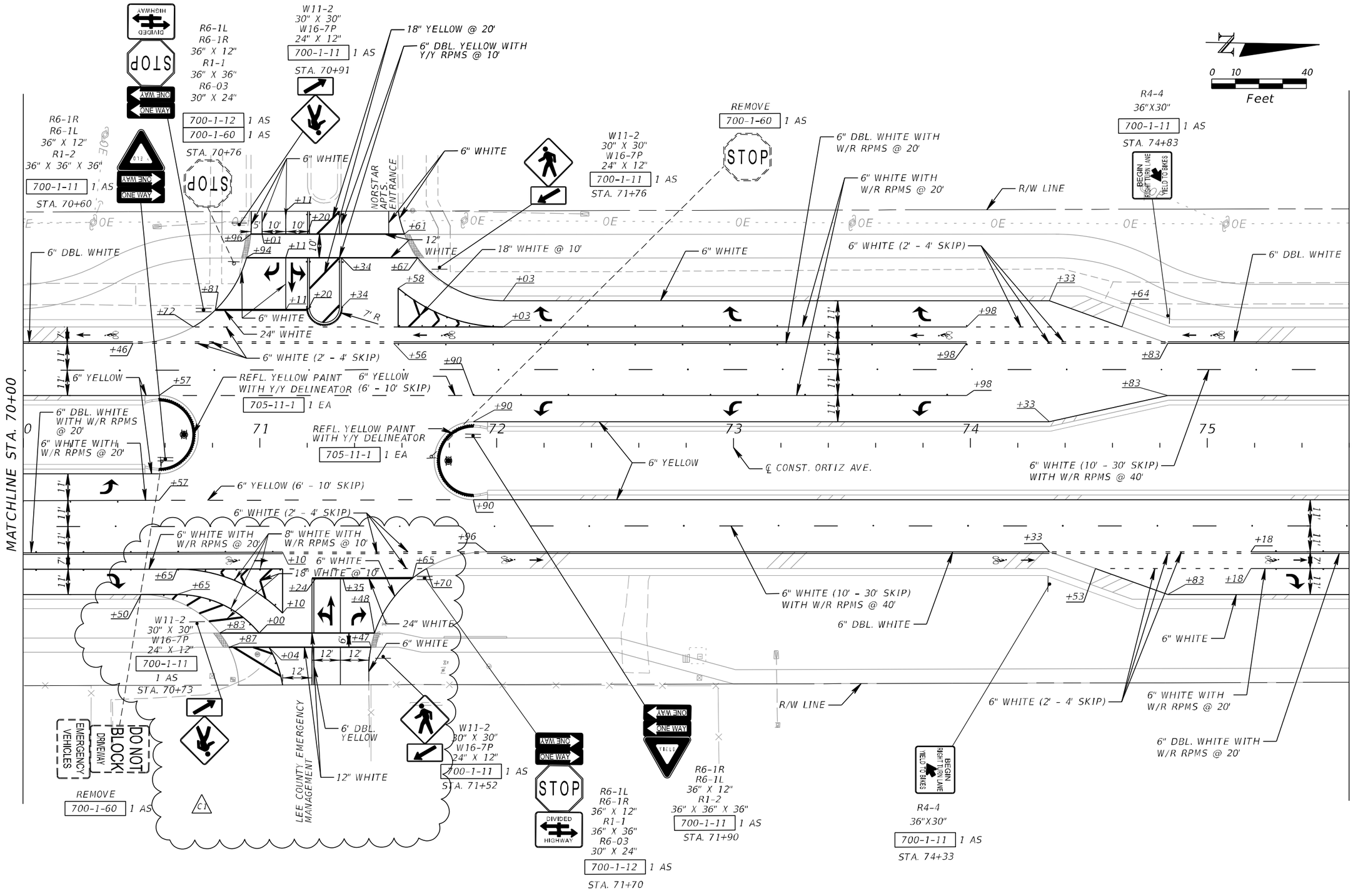
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (11)

SHEET NO. S-16

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	C1 REVISED DRIVEWAY STRIPING, RELOCATED SIGN, UPDATED TEXT		

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

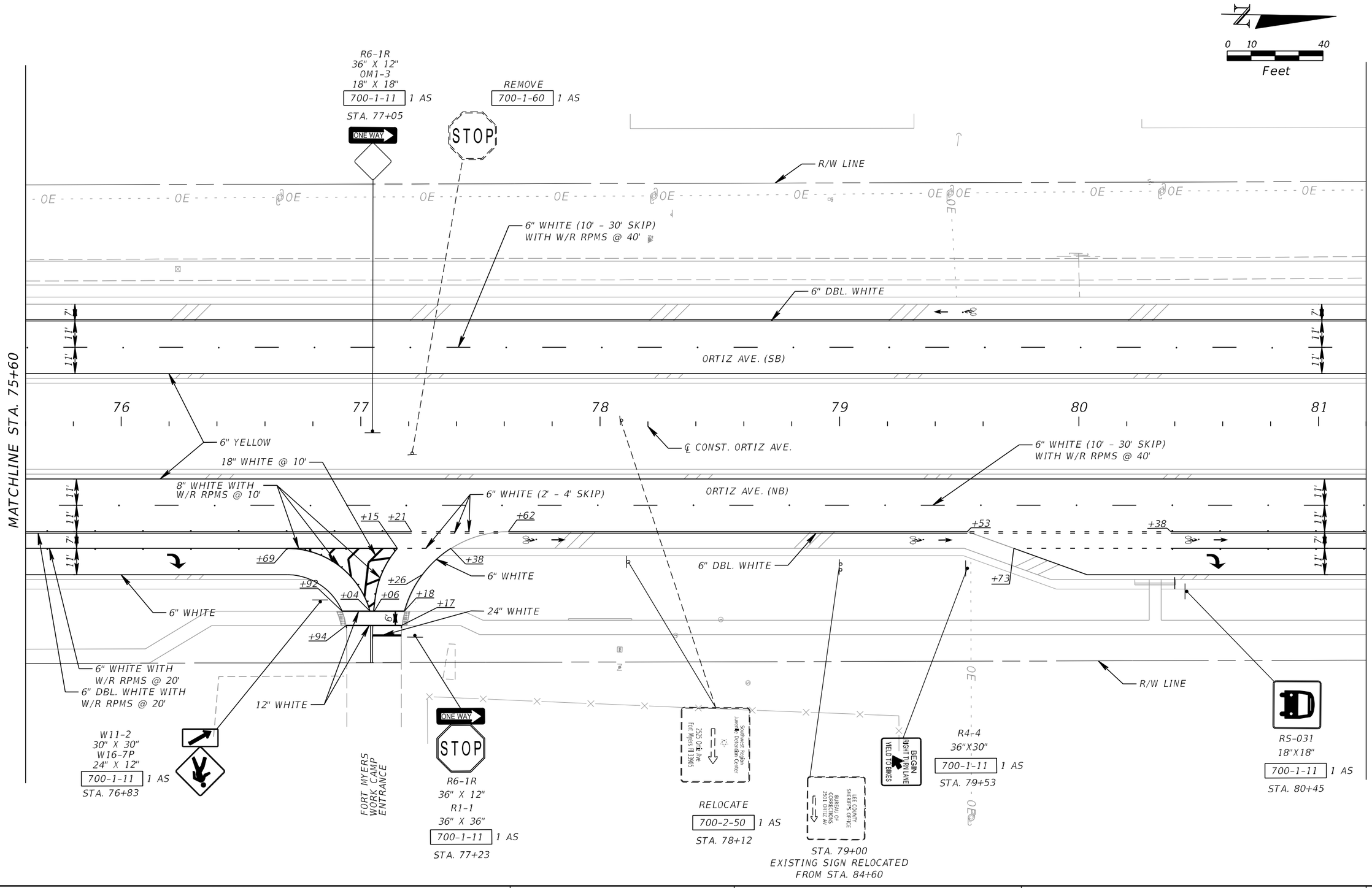
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (12)

SHEET NO. S-17

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
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Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (13)

SHEET NO. S-18

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R3-4
36"X36"
700-1-11 1 AS
STA. 82+21

OM1-3
18" X 18"
700-1-11 3 AS
STA. 82+79
STA. 82+83
STA. 83+91

REMOVE
700-1-60 1 AS

R2-1
30"X36"
700-1-11 1 AS
700-1-60 1 AS
STA. 83+90

RELOCATE TO
STA. 79+00
700-2-50 1 AS

SPEED LIMIT 45

SPEED LIMIT 45

LEE COUNTY SHERIFF'S OFFICE
BUREAU OF CORRECTIONS
2501 ORTIZ AV

N

0 10 40
Feet

R/W LINE

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

6" WHITE WITH
W/R RPMS @ 20'

6" DBL. WHITE

6" YELLOW
(6' - 10' SKIP)

ORTIZ AVE. (SB)

R6-1L
36" X 12"
700-1-11 1 AS
STA. 82+87

ONE WAY

6" YELLOW

REFL. YELLOW PAINT
WITH Y/Y DELINEATOR
705-11-1 2 EA

℄ CONST. ORTIZ AVE.

6" YELLOW

6" WHITE (10' - 30' SKIP)
WITH W/R RPMS @ 40'

6" YELLOW (6' - 10' SKIP)

6" WHITE (2' - 4' SKIP)

ORTIZ AVE. (NB)

18" WHITE @ 10'

24" WHITE
6" WHITE

6" WHITE

8" WHITE WITH W/R
RPMS @ 10'

6" DBL. WHITE

12" WHITE
6" DBL. YELLOW

W11-2
30" X 30"
W16-7P
24" X 12"
700-1-11 1 AS
STA. 82+36

6" DBL. WHITE WITH
W/R RPMS @ 20'

6" WHITE WITH
W/R RPMS @ 20'

W11-2
30" X 30"
W16-7P
24" X 12"
700-1-11 1 AS
STA. 82+92

LEE COUNTY
JAIL ENTRANCE

ONE WAY
ONE WAY
STOP
DIVIDED
HIGHWAY

R6-1L
R6-1R
36" X 12"
R1-1
36" X 36"
R6-03a
30" X 24"
700-1-12 1 AS
STA. 83+09

ENTER ONLY

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

EXIT ONLY
ENTER
DO NOT

REMOVE
700-1-60 1 AS

REMOVE
700-1-60 1 AS

Speeds
Lavanda

R/W LINE

MATCHLINE STA. 81+20

MATCHLINE STA. 86+80

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (14)

SHEET NO.
S-19

MATCHLINE STA. 86+80

MATCHLINE STA. 92+40

REMOVE 700-1-60 1 AS

RELOCATE 700-2-50 1 AS STA. 88+00

R6-1L R6-1R 36" X 12" R1-1 36" X 36" R6-03 30" X 24" 700-1-12 1 AS STA. 88+94

RELOCATE TO STA. 90+00 700-2-50 1 AS STA. 90+00

W16-7P 24" X 12" W11-2 30" X 30" 700-1-11 2 AS STA. 89+11 STA. 89+81

EXISTING SIGN RELOCATED FROM STA. 89+10

REMOVE 700-1-60 1 AS

RS-031 18"X18" 700-1-11 1 AS STA. 91+45

REMOVE 700-1-60 1 AS

R6-1R 36" X 12" OM1-3 18" X 18" 700-1-11 1 AS STA. 90+03

0 10 40 Feet

EDISON AVE.

ORTIZ AVE. (SB)

ORTIZ AVE. (NB)

℄ CONST. ORTIZ AVE.

R/W LINE

6" WHITE (10' - 30' SKIP) WITH W/R RPMS @ 40'

6" DBL. WHITE WITH W/R RPMS @ 20'

6" WHITE WITH W/R RPMS @ 20'

6" WHITE (2' - 4' SKIP)

6" WHITE

6" DBL. WHITE

18" WHITE @ 10'

24" WHITE

8" WHITE WITH W/R RPMS @ 10'

6" YELLOW (6' - 10' SKIP)

REFL. YELLOW PAINT WITH Y/Y DELINEATOR 705-11-1 2 EA

REFL. WHITE PAINT WITH W/R DELINEATOR 705-11-1 1 EA

6" YELLOW

12" WHITE

RACETRAC ENTRANCE

R6-1L 36" X 12" R1-2 36" X 36" X 36" 700-1-11 1 AS STA. 89+03

R4-4 36"X30" 700-1-11 1 AS STA. 89+18

R3-4 36"X36" 700-1-11 1 AS STA. 90+09

W16-7P 24" X 12" W11-2 30" X 30" 700-1-11 1 AS STA. 92+15

REMOVE 700-1-60 1 AS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record:M. Fathy Abdalla, P.E.
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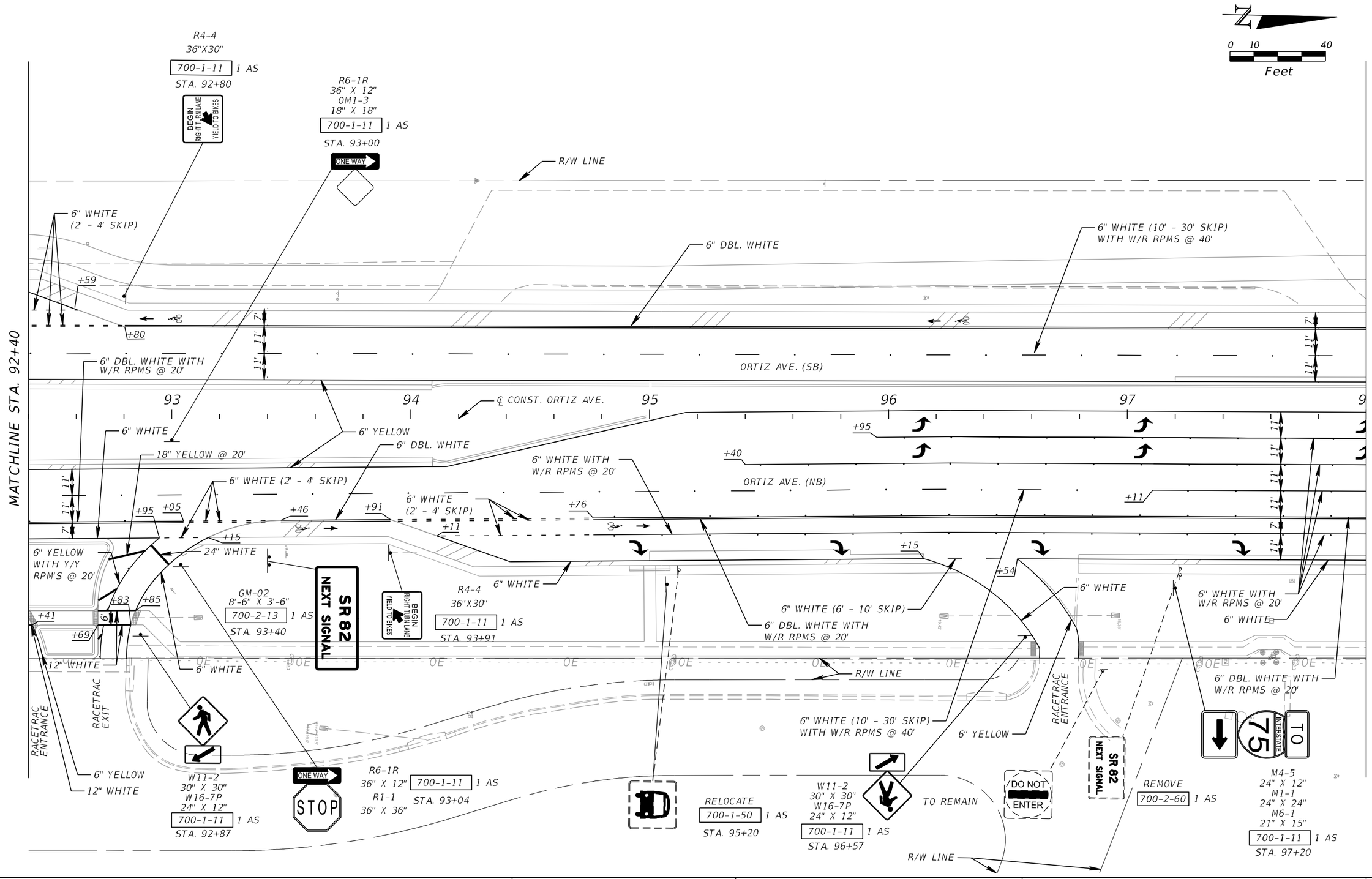
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (15)

SHEET NO. S-20

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

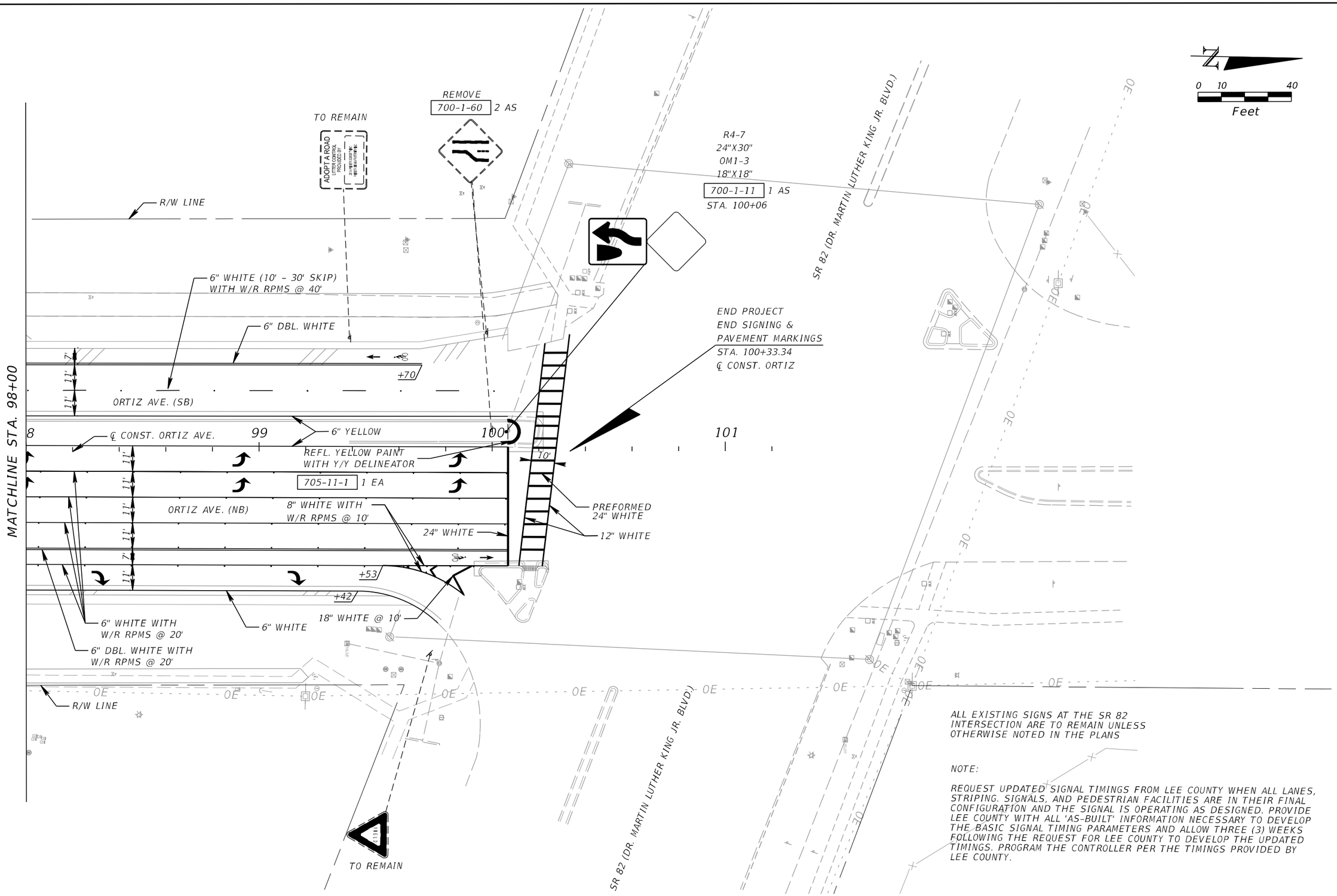
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNING AND PAVEMENT MARKING PLAN (16)

SHEET NO. S-21

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ALL EXISTING SIGNS AT THE SR 82 INTERSECTION ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS

NOTE:

REQUEST UPDATED SIGNAL TIMINGS FROM LEE COUNTY WHEN ALL LANES, STRIPING, SIGNALS, AND PEDESTRIAN FACILITIES ARE IN THEIR FINAL CONFIGURATION AND THE SIGNAL IS OPERATING AS DESIGNED. PROVIDE LEE COUNTY WITH ALL 'AS-BUILT' INFORMATION NECESSARY TO DEVELOP THE BASIC SIGNAL TIMING PARAMETERS AND ALLOW THREE (3) WEEKS FOLLOWING THE REQUEST FOR LEE COUNTY TO DEVELOP THE UPDATED TIMINGS. PROGRAM THE CONTROLLER PER THE TIMINGS PROVIDED BY LEE COUNTY.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

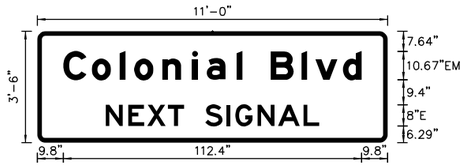
SIGNING AND PAVEMENT MARKING PLAN (17)

SHEET NO. S-22

SIGN NAME	GM-01		QTY		SIGN NUMBER	STATION(S)
PANEL		BORDER				17+00.00
WIDTH	11'-0"	WIDTH	1.75"			
HEIGHT	3'-6"	RADII	3"			
LEGEND	White	COLOR	White			
COLOR	Green					

SYMBOL(S)	ANGLE	X	Y	WID	HT

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE		AVERAGE LENGTH



NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE

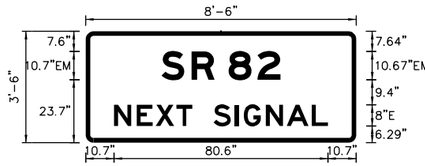
COPY	C	o	l	o	n	i	a	l		B	l	v	d		L								
SPACE	9.8	20.5	31.1	36.5	47.1	58.4	63.8	75.1	77.3	87.9	99.6	104.8	115.1		112.4								

COPY	N	E	X	T		S	I	G	N	A	L		L										
SPACE	25.7	34.3	41.4	49.2	55.2	63.2	71.3	74.6	82.9	90.8	100.3		80.6										

SIGN NAME	GM-02		QTY	1	SIGN NUMBER	STATION(S)
PANEL		BORDER				93+40.00
WIDTH	8'-6"	WIDTH	1.75"			
HEIGHT	3'-6"	RADII	3"			
LEGEND	White	COLOR	White			
COLOR	Green					

SYMBOL(S)	ANGLE	X	Y	WID	HT

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE		AVERAGE LENGTH



NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE

COPY	S	R	8	2		L																	
SPACE	28.6	39.9	53.9	64.8		44.8																	

COPY	N	E	X	T		S	I	G	N	A	L		L										
SPACE	10.7	19.3	26.4	34.2	40.2	48.2	56.3	59.6	67.9	75.8	85.3		80.6										

SIGN NAME		QTY		SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH		WIDTH			
HEIGHT		RADII			
LEGEND		COLOR			
COLOR					

SYMBOL(S)	ANGLE	X	Y	WID	HT

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE		AVERAGE LENGTH

NOT USED

NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE

SIGN NAME		QTY		SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH		WIDTH			
HEIGHT		RADII			
LEGEND		COLOR			
COLOR					

SYMBOL(S)	ANGLE	X	Y	WID	HT

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE		AVERAGE LENGTH

NOT USED

NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record:M. Fathy Abdalla, P.E.
P.E. No.:63914

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 865	LEE	CNI884-7-9

GUIDE SIGN WORKSHEET (1)

SHEET NO. S-23

ctabares 7/24/2023 1:20:44 PM c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\christian.tabares\dms24059\GSWKSP01.dgn

LEE COUNTY

DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

FROM SR 884 TO SR 82

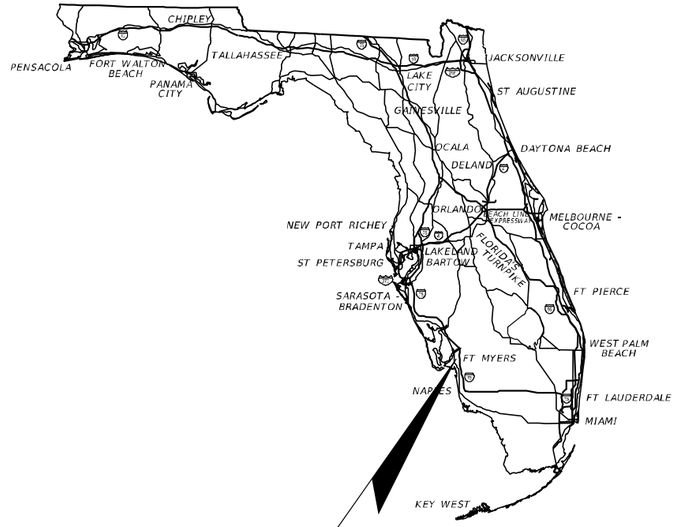
LEE COUNTY

COUNTY ROAD NO. 865

LIGHTING PLANS

INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2 - L-2B (1) (1)	SIGNATURE SHEET
L-3 - L-4	TABULATION OF QUANTITIES
L-5 - L-6	GENERAL NOTES
L-7	LIGHTING DATA TABLE AND LEGEND
L-8 - L-22	LIGHTING PLAN
L-23	LIGHTING DETAILS
L-24	SPECIAL LIGHT POLE DESIGN
L-25	LIGHT POLE SPREAD FOOTING
L-26	LOAD CENTER



PROJECT LOCATION

https://goo.gl/maps/pkUqGrXMONMU8KZv7

KEY SHEET REVISIONS	
DATE	DESCRIPTION
11/30/23 (1)	SHEET ADDED AND AND QUANTITIES UPDATED ON SHEETS L-3 AND L-4
12/5/24 (C1)	SHEET ADDED TO INDEX REVISED PM

KCA KISINGER CAMPO & ASSOCIATES

LIGHTING PLANS ENGINEER OF RECORD:

SCOTT R. SAMUELS, P.E.
P.E. NO.: 88738
KISINGER CAMPO & ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FL 33602
PHONE: (813) 871-5331
CONTRACT NO.: CN18-8479

LDOT PROJECT MANAGER:

(C1) KEITH RIDDLE, CGC

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2023-24 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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

SHEET NO. L-1

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SCOTT R. SAMUELS
LICENSE
No 88738
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Scott Samuels 2023.07.31 09:46:02-04'00'

ON THE DATE ADJACENT TO THE SEAL

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201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
SCOTT R. SAMUELS, 88738

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SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3 - L-4	TABULATION OF QUANTITIES
L-5 - L-6	GENERAL NOTES
L-7	LIGHTING DATA TABLE AND LEGEND
L-8 - L-22	LIGHTING PLAN
L-23	LIGHTING DETAIL
L-24	SPECIAL LIGHT POLE DESIGN

KIPLING LASKARIS
LICENSE
No. 75005
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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Kipling Laskaris 2023.07.31 07:27:38 -04'00'

ON THE DATE ADJACENT TO THE SEAL

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KIPLING LASKARIS, P.E. 75005

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SHEET NO.	SHEET DESCRIPTION
L-2	SIGNATURE SHEET
L-25	LIGHT POLE SPREAD FOOTING

M. FATHY ABDALLA
LICENSE
No 63914
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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M. Fathy Abdalla 2023.07.27 18:32:40 -04'00'

ON THE DATE ADJACENT TO THE SEAL

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TAMPA, FLORIDA 33602
M. FATHY ABDALLA, P.E. 63914

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SHEET NO.	SHEET DESCRIPTION
L-2	SIGNATURE SHEET
L-26	LOAD CENTER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

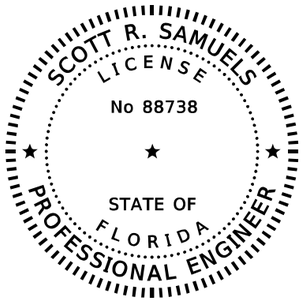
KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNATURE SHEET

SHEET NO. L-2



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ON THE DATE ADJACENT TO THE SEAL

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SCOTT R. SAMUELS, 88738

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SHEET NO.	*SHEET DESCRIPTION*
L-1	*KEY SHEET*
L-2A	*SIGNATURE SHEET*
L-3 - L-4	*TABULATION OF QUANTITIES*

⚠1

REVISIONS			
DATE	*DESCRIPTION*	*DATE*	*DESCRIPTION*
11/30/23	⚠1 *NEW SHEET*		

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

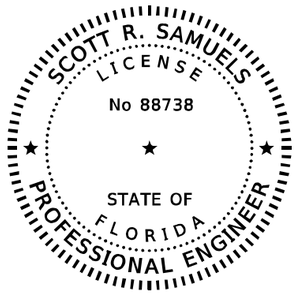
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	*COUNTY*	*CONTRACT NO.*
CR 865 (ORTIZ AVE.)	*LEE COUNTY*	*CN18-8479*

SIGNATURE SHEET

SHEET NO.

L-2A



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Scott Samuels 2024.12.17 16:17:47-05'00'

ON THE DATE ADJACENT TO THE SEAL

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TAMPA, FLORIDA 33602
SCOTT R. SAMUELS, 88738

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SHEET NO.	*SHEET DESCRIPTION*
L-1	*KEY SHEET*
L-2B	*SIGNATURE SHEET*
L-4	*TABULATION OF QUANTITIES*
L-17	*LIGHTING PLAN*

1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/5/24	1 NEW SHEET		

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SIGNATURE SHEET

SHEET NO. L-2B

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET	
			L-8		L-9		L-10		L-11		L-12		L-13		L-14			
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	54		961		1067		1000		1082		652		483		5299	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF			93		56		275		42		41				507	
635-2-11	PULL & SPLICE BOX, F&I, 17" x 30" COVER SIZE	EA			2		2		5		2		2				13	
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS							1								1	
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA							2								2	
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	186		3429		3609		4677		3636		2271		1545		19353	
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA							1								1	
715-500-1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA			1 7		6		7		7		4		4		35	
715-511-140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 40'	EA			6		4		5		4		1		2		22	
715-512-140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 40'	EA			1		2		2		3		3		2		13	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
11/30/23	1 QUANTITY UPDATE		

KCA KISINGER CAMPO & ASSOCIATES
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (1)

SHEET NO. L-3

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL	
			L-15		L-16		L-17		L-18		L-19		L-20		L-21		L-22					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1084		1120		957		1090		1049		1040		1044		228		7612		12911	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	40				160		182		67		87		78				614		1121	
635-2-11	PULL & SPLICE BOX, F&I, 17" x 30" COVER SIZE	EA	2				4		4		2		3		3				18		31	
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS							1										1		2	
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA							2										2		4	
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	3612		3504		3681		4648		3588		3693		3654		732		27112		46465	
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA							1										1		2	
715-500-1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	1 6		6		6		7		6		7		6		2		46		81	
715-511-140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 40'	EA	2		3		4		6		4		5		3		1		28		50	
715-512-140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 40'	EA	4		3		2		1		2		2		3		1		18		31	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
11/30/23	1 QUANTITY UPDATE		
12/5/24	1 QUANTITY UPDATE		

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
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Engineer of Record: Scott R. Samuels, P.E.
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (2)

SHEET NO. L-4

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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.

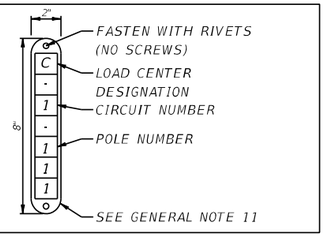
LIGHTING GENERAL NOTES

1. PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT. ALL SUBMITTALS SHALL BE SENT TO LEE COUNTY DOT TRAFFIC VIA LCDOTPROJECTS@LEEGOV.COM FOR REVIEW AND APPROVAL PRIOR TO ORDERING. THESE MUST SPECIFICALLY INCLUDE:
   - A. LUMINAIRE PHOTOMETRICS
   - B. POLE STRENGTH CALCULATIONS AND POLE SHOP DRAWINGS FOR PAY ITEMS 715-511-140 AND 715-512-140
   - C. POLE FRANGIBILITY TEST
   - D. ANCHOR BOLT DESIGN CALCULATIONS AND SHOP DRAWINGS
   - E. DISTRIBUTION POINT ELECTRICAL EQUIPMENT
2. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNER(S) AND ARE SHOWN AS NOTICE TO THE CONTRACTOR THAT UNDERGROUND UTILITIES EXIST. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OWNER(S) FOR LOCATION AND STAKING OF UNDERGROUND FACILITIES BEFORE EXCAVATING.
3. STATE OF FLORIDA STATUTE 556 (2008) REQUIRES THAT BEFORE EXCAVATION, NOTICE BE GIVEN TO THE SUNSHINE STATE ONE CALL OF FLORIDA, INC. (SSOCOF) A MINIMUM OF TWO (2) FULL BUSINESS DAYS AT 1-800-432-4770. NOT ALL UTILITY COMPANIES ARE MEMBERS OF SSOCOF.
4. THE LOCATION OF THE POLES, CONDUCTORS, CONDUITS, JUNCTION BOXES, AND SERVICE POLES ARE DIAGRAMMATIC ONLY AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND EXISTING UTILITY LOCATIONS.
5. ALUMINUM POLES, LUMINAIRES, AND BASES SHALL BE FABRICATED IN ACCORDANCE WITH AASHTO'S "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AND SHALL HAVE BEEN TESTED BY FHWA APPROVED METHODS (LATEST EDITION). CERTIFICATION FOR TESTS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.
6. SHOP DRAWING SUBMITTAL DATA SHALL INCLUDE COMPUTER PRINTOUT SHOWING HORIZONTAL FOOT CANDLE LEVELS TO BE OBTAINED USING SUBMITTED LUMINAIRES ON THIS PROJECT. AT FINAL INSPECTION THE CONTRACTOR SHALL VERIFY THE HORIZONTAL FOOT CANDLE LEVELS ON THE ROADWAY WITH AN APPROVED CURRENTLY CALIBRATED LIGHT METER AND SUBMIT REPORT FOR APPROVAL.
7. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC), THE NATIONAL ELECTRICAL SAFETY CODE (NESC) AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER N.E.C. REQUIREMENTS.
8. IN ACCORDANCE WITH N.E.C., IDENTIFY ALL CIRCUITS AND EQUIPMENT WITH "LAMACOID TAGS". INSTALL SIMILAR TAGS OF STAINLESS STEEL IDENTIFYING CIRCUIT FOR EACH LUMINAIRE AT ACCESS HANDHOLE FOR EACH POLE.
9. THE CONTRACTOR SHALL NOTIFY FPL AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 20 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. EXTREME CAUTION SHALL BE EXCERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND THE PRIMARY HIGH VOLTAGE COMPONENTS.
10. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO THE JACKET AND MEET THE MANUFACTURER'S REQUIREMENTS. USE PULLING COMPOUND PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN THE RECOMMENDED BY THE NEC OR NESC FOR THE CABLE USED.
11. CONTRACTOR SHALL FURNISH AND INSTALL AN ALUMINUM IDENTIFICATION TAG ON EACH ROADWAY LIGHTING STANDARD. TAGS SHALL BE 2 INCHES X 8 INCHES IN SIZE WITH WHITE LETTERS ON BLUE BACKGROUND, ATTACHED WITH RIVETS (NO SCREWS). NUMBERS SHALL BE PER THE POLE IDENTIFICATION TAG DETAIL. COST OF TAGS SHALL BE INCLUDED IN THE BID ITEMS FOR THE LIGHT POLE COMPLETE. BOTTOM OF TAG SHALL BE INSTALLED 5 FEET ABOVE FINISHED GRADE. COORDINATE THE POLE NUMBER WITH LEE COUNTY MAINTENANCE.
12. THE CONTRACTOR SHALL STAKE ALL PROPOSED POLE LOCATIONS AND ENSURE THERE IS NO PROXIMITY ISSUES WITH ANY OVERHEAD ELECTRIC LINES. ALSO, REQUEST UTILITY COMPANIES TO LOCATE AND STAKE UNDERGROUND UTILITIES PRIOR TO EXCAVATING. IT IS IMPERATIVE THAT THE PROPOSED POLE LOCATIONS MEET THE MINIMUM OFFSET DISTANCE FROM ANY ACTIVE LINES PER FPL GUIDELINES.
13. DIRECTIONAL BORE OPERATIONS, IF USED, SHALL MEET THE REQUIREMENTS OF THE FDOT UTILITY ACCOMMODATION MANUAL (LATEST EDITION).
14. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE WITHIN TWO FEET OF THE LIGHT POLE FOUNDATIONS OR CONDUIT RUNS, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR WILL HAND DIG THE FIRST FOUR FEET OF THE HOLE FOR THE POLE FOUNDATION AND CONDUIT RUN.
15. AT CONDUIT TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVED SAFE CROSSING BY THE END OF EACH WORKING DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. THE CONTRACTOR SHALL NOT OPEN ANY AREA THAT CANNOT BE BACKFILLED IN THE SAME WORK PERIOD.
16. ALL EXCESS DIRT AND DEBRIS EXCAVATED FROM POLE FOUNDATIONS SHALL BE REMOVED DAILY TO AREAS APPROVED BY THE ENGINEERS AND INCIDENTAL TO PAY ITEMS 715-511-140 AND 715-512-140.
17. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE STREETS, PRIVATE AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING THE CONSTRUCTION OPERATION.
18. THE LIGHTING SYSTEM WILL BE MAINTAINED BY LEE COUNTY UPON FINAL ACCEPTANCE. THE CONTRACTOR SHALL SUBMIT "AS-BUILT" PLANS TO THE ENGINEER AND LEE COUNTY DOT TRAFFIC VIA LCDOTPROJECTS@LEEGOV.COM PRIOR TO FINAL ACCEPTANCE.
19. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD SHOP DRAWINGS DETAILING THE LAYOUT OF THE ELECTRICAL EQUIPMENT INSIDE THE DISTRIBUTION POINT LIGHTING ELECTRICAL ENCLOSURE.
20. ALL CONDUCTORS SHALL HAVE THWN-2 600 VOLT INSULATION.
21. CONDUIT LOCATIONS AS SHOWN ON THE PLANS ARE DIAGRAMMATIC. CONDUITS MUST BE PLACED WITHIN THE ROADWAY LIMITS, BUT CAN BE ADJUSTED TO FIT AROUND EXISTING AND PROPOSED UTILITIES. WHERE PLANNED LOCATION OF LIGHTING CONDUIT RUNS 36" UNDER PAVEMENT IS FOUND TO CONFLICT WITH UNDERGROUND UTILITIES, THE LIGHTING CONDUIT POSITION SHALL BE ALTERED VERTICALLY OR HORIZONTALLY TO AVOID THE CONFLICT AS RECOMMENDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. A 24" ABSOLUTE MINIMUM DEPTH SHALL BE MAINTAINED WHERE LIGHTING CONDUITS ARE RELOCATED CLOSER THAN 36" BELOW THE GROUND SURFACE AND SHALL BE PLACED IN AN ADDITIONAL 3" PVC SLEEVE OR BACKFILLED WITH A MINIMUM OF 4" X 4" OF CONCRETE. COST OF SUCH TREATMENT WILL BE INCIDENTAL TO PAY ITEMS PROVIDED.
22. THE CONTRACTOR SHALL PREPARE ACCURATELY DIMENSIONED "AS-BUILT" PLANS OF FINAL POLE, CONTROLLER, AND CONDUIT LOCATIONS. "AS-BUILT" PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO FINAL ACCEPTANCE. AFTER THE "AS-BUILT" PLANS ARE APPROVED, THE CONTRACTOR SHALL SUBMIT TWO COPIES TO THE RESIDENT ENGINEER AND ONE COPY TO THE LEE COUNTY MAINTENANCE. COST OF SUCH PREPARATION SHALL BE INCIDENTAL TO THE PAY ITEMS PROVIDED.
23. SPLICES AND CONNECTIONS MADE IN PULL BOXES SHALL BE LIMITED TO THE SERVICE POINT AND CONDUIT JUNCTION WITH MULTI-DIRECTIONAL CONDUITS AS INDICATED ON THE PLANS. THE SPLICES AND CONNECTION MADE AT THESE POINTS SHOULD BE PROPERLY TAPED, PROVIDED WITH HEAT SHRINK TUBES OR CAPS TO WATERPROOF THESE CONNECTIONS. SPLICES SHALL BE ENCAPSULATED.
24. ALL CONDUITS SHALL BE MANDREL TESTED AND CLEANED. CONDUIT PLACED FOR FUTURE USE SHALL HAVE ¼" POLYESTER CORD PULLED IN PLACE AND CAPPED, WITH NOTATION INSIDE CONDUIT AS TO LOCATION OF OPPOSITE END. PLACE PULL BOXES TO MARK ENDS OF EMPTY CONDUITS.
25. THE CONTRACTOR SHALL CONTACT THE POWER COMPANY TO DETERMINE IF A SERVICE PROCESSING FEE IS REQUIRED. THE FEE SHALL BE INCLUDED AS PART OF PAYMENT FOR THE LOAD CENTER.
26. THE CONTRACTOR SHALL USE THE CONCRETE FOUNDATION PER INDEX 715-002 (SCREW TYPE FOUNDATION IS NOT ALLOWED).
27. ALL POLE FOUNDATIONS SHOULD BE 2" ABOVE GRADE AT ALL LOCATIONS. IF ADJUSTMENTS ARE NECESSARY PLEASE NOTIFY ENGINEER.
28. WHEN PRACTICAL, EXISTING LIGHTING IS TO REMAIN IN SERVICE DURING ALL PHASES OF CONSTRUCTION OR UNTIL NEW LIGHTING IS INSTALLED AND PLACED IN SERVICE.
29. THE DISPOSITION OF THE EXISTING LIGHT POLES ARE TO BE REMOVED AND SALVAGED BACK TO LEE COUNTY VIA AGREEMENT WITH FPL.

CONVENTIONAL ROADWAY LIGHTING ILLUMINATION CRITERIA

AVERAGE INITIAL INTENSITY (HORIZONTAL FOOT CANDLES)	1.5 FOOT CANDLES
UNIFORMITY RATIO AVG./MIN.	4:1 OR LESS
MAX./MIN.	10:1 OR LESS
VEILING LUMINANCE RATIO	0.3:1 OR LESS
DESIGN WIND SPEED	160 MPH

POLE IDENTIFICATION TAG DETAIL
N.T.S.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

GENERAL NOTES (1)

SHEET NO. L-5

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

PAY ITEM NOTES

630-2-11:

PVC CONDUIT SHALL BE SCHEDULE 40 OR SCHEDULE 80 APPROVED FOR ELECTRICAL USE (GRAY). NO THIN WALL CONDUIT IS ALLOWED. TWENTY (20) FOOT LENGTHS ON RUNS OVER TWENTY (20) FOOT SHALL BE USED. ALL PVC CONDUIT SHALL BE JOINED TOGETHER WITH LONG LINE COUPLINGS. ALL CONDUITS LARGER THAN ¾ INCH SHALL HAVE END BELLS INSTALLED AT EACH END TO PROTECT THE CABLE.

630-2-12:

DIRECTIONAL BORE CONDUIT FOR GENERAL SIGNALIZATION AND STREET LIGHTING SHALL BE TWO (2) INCH CONTINUOUS HDPE SDR 11 AND SHALL BE GRAY IN COLOR. NO OTHER CONDUIT COLOR CAN BE USED UNLESS APPROVED BY LEE COUNTY DOT TRAFFIC IN WRITING. WHEN CONNECTING HDPE CONDUIT TO STANDARD PVC CONDUIT A REVERSE THREAD COUPLING OR E-LOC COUPLING SHALL BE USED. USE OF A STANDARD PVC COUPLING IS PROHIBITED.

635-2-11:

PULL BOXES SHALL BE POLYMER CONCRETE CONSTRUCTION (QUAZITE), HAVE ANSI TIER RATING OF T22 AND DESIGN LOAD RATING OF 22,500 LBS., NO EXCEPTIONS WILL BE PERMITTED. MINIMUM PULL BOX SIZE SHALL BE AS FOLLOWS:

I. TRAFFIC SIGNAL AND STREET LIGHTING 17" X 30" X 12" - PG1730BA12

PULL BOX COVERS SHALL BE POLYMER CONCRETE CONSTRUCTION (QUAZITE), HAVE ANSI TIER RATING OF T22 AND DESIGN LOAD RATING OF 22,500 LBS., AND MARKED APPROPRIATELY, "TRAFFIC SIGNAL" OR "STREET LIGHTING", NO EXCEPTIONS WILL BE PERMITTED.

I. 17" X 30" COVER - "TRAFFIC SIGNAL" - PG1730HH0046, "STREET LIGHTING" - PG1730HH0041

ALL PULL BOXES SHALL HAVE A CONCRETE APRON; THE APRON SHALL BE MINIMUM 1-FOOT WIDE X 6 INCHES DEEP. APRON SHALL BE LEVEL TO EXISTING GRADE AND HAVE A FINISHED EDGE AND SURFACE. ALL CONDUITS EXCEPT FOC CONDUIT SHALL BE PLUMBED, CENTERED AND NO LOWER/HIGHER THAN MIDPOINT IN THE PULL BOX.

639-1-122 AND 715-7-11:

ALL ELECTRIC SERVICES, AND LOAD CENTERS SHALL NOT BE PLACED IN DITCHES, DRAINAGE SLOPES, SWALES, OR WHERE SHEET OR STANDING WATER CAN INTRUDE. ROADWAY STREET LIGHTING ELECTRIC SERVICE/LOAD CENTER SHALL BE MOUNTED ON TWO (2) - EIGHT (8) INCH X EIGHT (8) INCH X TWELVE (12) FOOT CONCRETE SERVICE POLES. A 100 AMP 600 VAC RATED NEMA 3R NON-FUSIBLE SINGLE THROW SAFETY SWITCH DISCONNECT (SQUARE D - HU363RB) SHALL BE INSTALLED ON THE CONCRETE SERVICE POLES, ON THE LINESIDE OF THE METER SOCKET.

THE METER SOCKET SHALL BE A 200 AMP LEVER BYPASS NEMA 3R ENCLOSURE RATED FOR OUTDOOR USE (MILBANK UAP9551-X-QG-HSP). METER SOCKET SHALL BE INSTALLED ON THE LOAD SIDE OF SAFETY SWITCH DISCONNECT ON THE CONCRETE SERVICE POLES. THE ROADWAY STREET LIGHTING LOAD CENTER ENCLOSURE CABINET SHALL BE STAINLESS STEEL NEMA 3R RAINPROOF ENCLOSURE AND APPROVED BY LEE COUNTY DOT TRAFFIC.

THE FOLLOWING IS LEE COUNTY DOT TRAFFIC APPROVED ROADWAY STREET LIGHTING LOAD CENTER WITH NEEDED COMPONENTS:

A. SQUARE D NIGHT-MASTER LONG VERSION (8903-SQH63-V06)
B. BUSSMANN FUSE BLOCK 3 POLE 30 AMP (R60030-3CR) ONE (1) PER EACH CIRCUIT (FOUR (4) CIRCUITS MAX PER LOAD CENTER)
C. ONE (1) SQUARE D SPD 40KA 480V (SDSA3650) (MOUNTED INTERNALLY)
D. ONE (1) GE LIGHTING PHOTOELECTRIC MOUNTING BRACKET (MB-PECTL-GE)
E. ONE (1) INTERMATIC 480VAC TWIST LOCK PHOTO CELL (LC4535LA) (PHOTO CELL SHALL BE MOUNTED EXTERNALLY ON TOP LEFT OF NIGHT-MASTER, WHEN FACING NIGHT-MASTER ACCESS DOOR)

ALL LOAD CENTERS SHALL HAVE A MINIMUM FIVE (5), TEN (10) FOOT LENGTH 5/8" COPPER CLAD GROUND ROD INSTALLED, AND SHALL HAVE A GROUND RESISTANCE READING OF 5 OHMS OR LESS.

715-500-1:

ALL DOUBLE STREETLIGHT ARM POLES SHALL HAVE SIX (6) #10 AWG (THHN/THWN-2) 2-BLACK, 2-WHITE, AND 2-GREEN WIRE FROM LUMINAIRE TO T-BASE, AND SHALL INCLUDE ONE (1) BREAKAWAY FUSE HOLDER WITH LINESIDE TERMINAL HAVING A CU DUAL SETSCREW AND THE LOADSIDE TERMINAL HAVING CU CRIMP CONNECTOR. (BUSSMANN - HEB-AW-RYC) AND HAVE ONE (1) BREAKAWAY NEUTRAL FUSE HOLDER WITH PERMANENTLY INSTALLED SOLID NEUTRAL, WITH LINESIDE TERMINAL HAVING A CU DUAL SETSCREW AND THE LOADSIDE TERMINAL HAVING CU CRIMP CONNECTOR (BUSSMANN-HET-AW-RYC) FOR EACH LUMINAIRE AND SHALL BE LOCATED IN THE HAND HOLE COMPARTMENT OF T-BASE. A 480VAC SURGE ARRESTOR (ASCO MODEL 235 - 235480LF030AWLNO) OR (HESCO/RLS HE480BW) AND SHALL BE INSTALLED USING BUTT CRIMP CONNECTORS.

STREET LIGHT POLE ASSEMBLY SHALL BE GROUNDED USING A #6 GREEN AWG WIRE FROM GROUND TO THE T-BASE GROUND TERMINAL LUG.

ALL STREET LIGHT POLES SHALL HAVE A MINIMUM OF TWO (2), TEN (10) FOOT LENGTH 5/8" COPPER CLAD GROUND ROD SHALL BE INSTALLED, AND SHALL HAVE A GROUND RESISTANCE READING OF 15 OHMS OR LESS.

ALL SINGLE STREETLIGHT ARM POLES SHALL HAVE THREE (3) #10 AWG (THHN/THWN-2) 1-BLACK, 1-WHITE, AND 1-GREEN WIRE FROM LUMINAIRE TO T-BASE, AND SHALL INCLUDE ONE (1) BREAKAWAY FUSE HOLDER WITH LINESIDE TERMINAL HAVING A CU DUAL SETSCREW AND THE LOADSIDE TERMINAL HAVING CU CRIMP CONNECTOR. (BUSSMANN - HEB-AW-RYC) AND HAVE ONE (1) BREAKAWAY NEUTRAL FUSE HOLDER WITH PERMANENTLY INSTALLED SOLID NEUTRAL, WITH LINESIDE TERMINAL HAVING A CU DUAL SETSCREW AND THE LOADSIDE TERMINAL HAVING CU CRIMP CONNECTOR (BUSSMANN-HET-AW-RYC) FOR EACH LUMINAIRE AND SHALL BE LOCATED IN THE HAND HOLE COMPARTMENT OF T-BASE. A 480VAC SURGE ARRESTOR (ASCO MODEL 235 - 235480LF030AWLNO) OR (HESCO/RLS HE480BW) AND SHALL BE INSTALLED USING BUTT CRIMP CONNECTORS.

STREET LIGHT POLE ASSEMBLY SHALL BE GROUNDED USING A #6 GREEN AWG WIRE FROM GROUND TO THE T-BASE GROUND TERMINAL LUG. ALL STREET LIGHT POLES SHALL HAVE A MINIMUM OF TWO (2), TEN (10) FOOT LENGTH 5/8" COPPER CLAD GROUND ROD SHALL BE INSTALLED, AND SHALL HAVE A GROUND RESISTANCE READING OF 15 OHMS OR LESS.

715-511-140 AND 715-512-140:

LEE COUNTY PREFERS HAPCO POLE PRODUCTS FOR T-BASE, POLE AND ARMS. ALL STREETLIGHTS SHALL NOT BE PLACED IN DITCHES, DRAINAGE SLOPES, SWALES, OR WHERE SHEET OR STANDING WATER CAN INTRUDE. ALL STREETLIGHT FIXTURES SHALL BE HOLOPHANE MONGOOSE LED MEDIUM P7, MGLEDM_P7_40K_480_WR_VH_GRSD_AO AND THE ADJUSTABLE OUTPUT SHALL BE SET TO SETTING #5 (72% LUMEN OUTPUT).

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

GENERAL NOTES (2)

SHEET NO. L-6

LIGHTING DATA

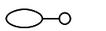
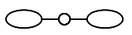
POLE NO.	CIRCUIT	STATION	ARM LENGTH (FT)	LUMINAIRE WATTAGE	MOUNTING HEIGHT (FT)	POLE SETBACK	PAY ITEM
1B1	A-2	14+61	8'	1 X 180 W	40'	20' RT COP TO EOT	715-511-140
1B2	A-2	13+40	8'	1 X 180 W	40'	20' RT COP TO EOT	715-511-140
1A1	A-1	14+74	8'	1 X 180 W	40'	36' LT COP TO EOT	715-511-140
1A	A-1	16+12	8'	1 X 180 W	40'	20' LT COP TO EOT	715-511-140
1B	A-2	15+95	8'	1 X 180 W	40'	16' RT COP TO EOT	715-511-140
2A1	A-1	17+12	8'	1 X 180 W	40'	22' LT COP TO EOT	715-511-140
2A	A-1	18+39	8'	1 X 180 W	40'	29' LT COP TO EOT	715-511-140
2B	A-2	18+40	8'/8'	2 X 180 W	40'	21' RT COP TO EOT	715-512-140
3	A-2	20+20	8'/8'	2 X 180 W	40'	21' RT COP TO EOT	715-512-140
4	A-1	20+20	8'	1 X 180 W	40'	30' LT COP TO EOT	715-511-140
5	A-2	22+00	8'/8'	2 X 180 W	40'	21' RT COP TO EOT	715-512-140
6	A-1	22+00	8'	1 X 180 W	40'	14' LT COP TO EOA	715-511-140
7	A-1	23+80	8'	1 X 180 W	40'	14' LT COP TO EOA	715-511-140
8	A-2	24+10	8'	1 X 180 W	40'	28' RT COP TO EOA	715-511-140
9	A-1	25+59	8'	1 X 180 W	40'	14' LT COP TO EOA	715-512-140
10	A-2	25+75	8'	1 X 180 W	40'	21' RT COP TO EOT	715-512-140
11	A-1	27+40	8'/8'	2 X 180 W	40'	24' LT COP TO EOT	715-512-140
12	A-2	27+41	8'	1 X 180 W	40'	20' RT COP TO EOT	715-511-140
13	A-4	29+20	8'	1 X 180 W	40'	34' RT COP TO EOT	715-511-140
14	A-3	29+19	8'/8'	2 X 180 W	40'	24' LT COP TO EOT	715-512-140
15	A-4	30+60	8'	1 X 180 W	40'	31' RT COP TO EOT	715-511-140
16	A-3	31+00	8'/8'	2 X 180 W	40'	24' LT COP TO EOT	715-512-140
17	A-4	32+40	8'	1 X 180 W	40'	28' RT COP TO EOA	715-511-140
18	A-3	33+00	8'/8'	2 X 180 W	40'	24' LT COP TO EOT	715-512-140
19	A-4	34+50	8'	1 X 180 W	40'	38' LT COP TO EOT	715-511-140
20	A-3	34+80	8'	1 X 180 W	40'	24' RT COP TO EOT	715-511-140
21	A-4	36+31	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
22	A-3	36+35	8'	1 X 180 W	40'	28' LT COP TO EOT	715-511-140
23	A-4	38+00	8'/8'	2 X 180 W	40'	27' RT COP TO EOT	715-512-140
24	A-3	38+00	8'	1 X 180 W	40'	14' LT COP TO EOA	715-512-140
25	A-4	40+10	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
26	A-3	39+70	8'	1 X 180 W	40'	29' LT COP TO EOT	715-511-140
27	B-1	56+40	8'	1 X 180 W	40'	21' RT COP TO EOT	715-511-140
28	B-2	56+40	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
29	B-1	58+18	8'	1 X 180 W	40'	21' LT COP TO EOT	715-511-140
29A	B-2	58+23	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
30	B-2	60+21	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
31	B-1	59+99	8'/8'	2 X 180 W	40'	20' LT COP TO EOT	715-512-140
32	B-1	62+08	8'	1 X 180 W	40'	31' LT COP TO EOT	715-511-140
33	B-2	62+12	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
34	B-2	64+00	8'/8'	2 X 180 W	40'	21' RT COP TO EOT	715-512-140
35	B-1	64+00	8'	1 X 180 W	40'	28' LT COP TO EOT	715-511-140
36	B-1	65+58	8'	1 X 180 W	40'	27' LT COP TO EOT	715-511-140
37	B-2	65+61	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
38	B-2	67+39	8'/8'	2 X 180 W	40'	20' RT COP TO EOT	715-512-140
39	B-1	67+40	8'	1 X 180 W	40'	27' LT COP TO EOT	715-511-140
40	B-2	68+72	8'/8'	2 X 180 W	40'	21' RT COP TO EOA	715-512-140
41	B-1	69+02	8'	1 X 180 W	40'	26' LT COP TO EOT	715-511-140
42	B-2	70+60	8'	1 X 180 W	40'	14' RT COP TO EOA	715-511-140
43	B-1	70+60	8'	1 X 180 W	40'	21' LT COP TO EOT	715-511-140
44	B-1	72+09	8'	1 X 180 W	40'	14' LT COP TO EOA	715-511-140
45	B-2	72+10	8'/8'	2 X 180 W	40'	33' RT COP TO EOT	715-512-140
46	B-1	74+00	8'	1 X 180 W	40'	14' LT COP TO EOA	715-511-140
47	B-2	74+00	8'/8'	2 X 180 W	40'	21' LT COP TO EOT	715-512-140
48	B-1	76+10	8'	1 X 180 W	40'	32' LT COP TO EOT	715-511-140

COP = CENTER OF POLE
EOA = EDGE OF AUXILIARY LANE
EOT = EDGE OF TRAVEL LANE
FOP = FACE OF POLE

LIGHTING DATA

POLE NO.	CIRCUIT	STATION	ARM LENGTH (FT)	LUMINAIRE WATTAGE	MOUNTING HEIGHT (FT)	POLE SETBACK	PAY ITEM
49	B-2	76+14	8'/8'	2 X 180 W	40'	18' RT COP TO EOA	715-512-140
50	B-1	77+70	8'	1 X 180 W	40'	27' LT COP TO EOT	715-511-140
51	B-2	77+70	8'	1 X 180 W	40'	34' RT COP TO EOT	715-511-140
52	B-2	79+20	8'	1 X 180 W	40'	34' RT COP TO EOT	715-511-140
53	B-3	79+80	8'	1 X 180 W	40'	29' LT COP TO EOT	715-511-140
54	B-4	80+80	8'	1 X 180 W	40'	32' RT COP TO EOT	715-511-140
55	B-3	82+10	8'	1 X 180 W	40'	28' LT COP TO EOT	715-511-140
56	B-4	82+00	8'	1 X 180 W	40'	34' RT COP TO EOT	715-511-140
57	B-3	83+50	8'	1 X 180 W	40'	27' LT COP TO EOT	715-511-140
58	B-4	83+50	8'/8'	2 X 180 W	40'	25' RT COP TO EOT	715-512-140
59	B-3	85+10	8'	1 X 180 W	40'	27' LT COP TO EOT	715-511-140
60	B-4	85+10	8'/8'	2 X 180 W	40'	26' RT COP TO EOT	715-512-140
61	B-4	86+99	8'/8'	2 X 180 W	40'	30' RT COP TO EOT	715-512-140
62	B-3	87+01	8'	1 X 180 W	40'	29' LT COP TO EOT	715-511-140
63	B-3	88+64	8'	1 X 180 W	40'	25' LT COP TO EOT	715-511-140
64	B-4	89+23	8'/8'	2 X 180 W	40'	26' RT COP TO EOT	715-512-140
65	B-3	90+50	8'	1 X 180 W	40'	21' LT COP TO EOT	715-511-140
66	B-4	91+33	8'	1 X 180 W	40'	14' RT COP TO EOA	715-511-140
67	B-3	92+10	8'	1 X 180 W	40'	21' LT COP TO EOT	715-511-140
68	B-4	93+40	8'/8'	2 X 180 W	40'	27' RT COP TO EOT	715-512-140
69	B-3	93+90	8'	1 X 180 W	40'	28' LT COP TO EOT	715-511-140
70	B-4	95+60	8'/8'	2 X 180 W	40'	14' RT COP TO EOA	715-512-140
71	B-3	95+60	8'	1 X 180 W	40'	30' LT COP TO EOT	715-511-140
72	B-4	97+20	8'/8'	2 X 180 W	40'	16' RT COP TO EOA	715-512-140
73	B-3	97+20	8'	1 X 180 W	40'	33' LT COP TO EOT	715-511-140
74	B-4	98+90	8'/8'	2 X 180 W	40'	16' RT COP TO EOA	715-512-140
75	B-3	99+40	8'	1 X 180 W	40'	33' LT COP TO EOT	715-511-140

LIGHTING LEGEND

SYMBOLS	DESCRIPTION
	THE BASIS OF DESIGN USED WAS: MANUFACTURER: HOLOPHANE MGLEDM, MODEL: HOLOPHANE MONGOOSE LED MEDIUM P7, SINGLE ARM LIGHT POLE. PHOTOMETRIC CURVE: R2 TOP MOUNTED FIXTURE, 180 WATT, 480 VOLT, 40' MOUNTING HEIGHT. MGLEDM_P7_40K_480_WR_VH_GRSD_AO AND THE ADJUSTABLE OUTPUT SHALL BE SET TO SETTING #5 (72% LUMEN OUTPUT).
	THE BASIS OF DESIGN USED WAS: MANUFACTURER: HOLOPHANE MGLEDM, MODEL: HOLOPHANE MONGOOSE LED MEDIUM P7. PHOTOMETRIC CURVE: R2 DOUBLE ARM POLE WITH 2-8' ARMS, 180 WATT, 480 VOLT, 40' MOUNTING HEIGHT. MGLEDM_P7_40K_480_WR_VH_GRSD_AO AND THE ADJUSTABLE OUTPUT SHALL BE SET TO SETTING #5 (72% LUMEN OUTPUT).
	2" HDPE CONDUIT, DIRECTIONAL BORE, WITH CONDUCTORS INSIDE (CONDUIT AND CONDUCTOR SIZE AS SHOWN ON PLAN SHEETS). RUN ONE COPPER BOND CONDUCTOR (TW GREEN INSULATION) INSIDE CONDUIT WITH OTHER CONDUCTORS.
	2" SCH. 40 PVC CONDUIT, OPEN TRENCH, WITH CONDUCTORS INSIDE (CONDUIT AND CONDUCTOR SIZE AS SHOWN ON PLAN SHEETS). RUN ONE COPPER BOND CONDUCTOR (TW GREEN INSULATION) INSIDE CONDUIT WITH OTHER CONDUCTORS.
	PULL BOX.
	PROPOSED LOAD CENTER RATED FOR 480V TO GROUND, SINGLE PHASE.
	EXISTING POWER POLE.
	POLE MOUNTED TRANSFORMER

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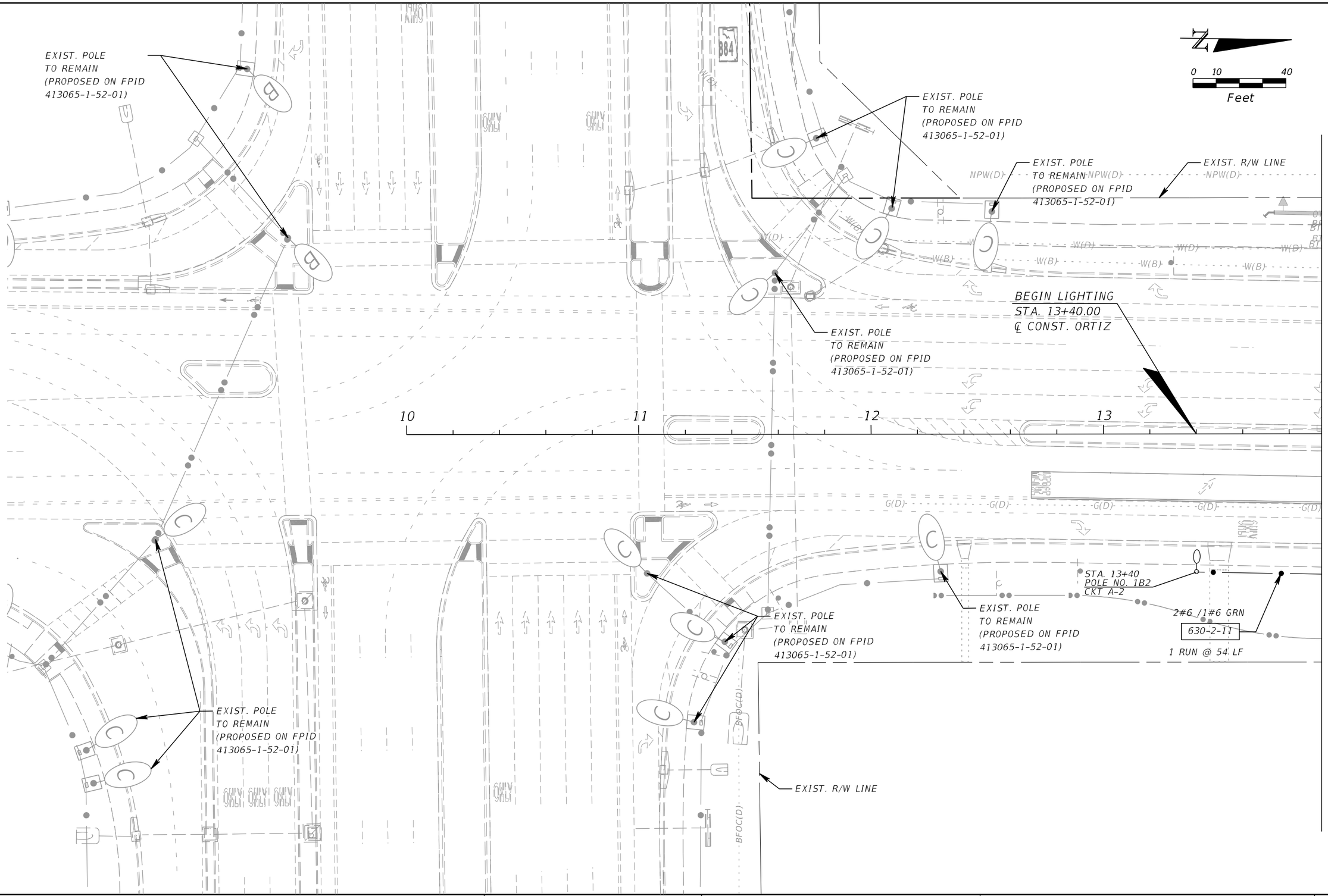
KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

POLE DATA & LIGHTING LEGEND

SHEET NO. L-7



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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (1)

SHEET NO.
L-8

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N

0 10 40
Feet

STA. 14+74
POLE NO. 1A1
CKT A-1

2#6 /1#6 GRN
630-2-11
1 RUN @ 140 LF

EXIST. R/W LINE

STA. 16+12
POLE NO. 1A
CKT A-1

2#6 /1#6 GRN
630-2-11
1 RUN @ 100 LF

STA. 17+12
POLE NO. 2A1
CKT A-1

2#6 /1#6 GRN
630-2-11
1 RUN @ 128 LF

STA. 18+39
POLE NO. 2A
CKT A-1

2#6 /1#6 GRN
630-2-11
1 RUN @ 121 LF

BEGIN PROJECT
STA. 15+98.31
℄ CONST. ORTIZ

ORTIZ AVE. (SB)

ORTIZ AVE. (NB)

℄ CONST. ORTIZ AVE.

14 15 16 17 18 19

MATCH LINE STA. 13+94

MATCH LINE STA. 19+60

2#6 /1#6 GRN
630-2-11
1 RUN @ 67 LF

STA. 14+61
POLE NO. 1B1
CKT A-2

2#6 /1#6 GRN
630-2-11
1 RUN @ 135 LF

STA. 15+95
POLE NO. 1B
CKT A-2

EXIST. R/W LINE

PULL BOX

2#6 /1#6 GRN
630-2-11
1 RUN @ 20 LF

2#6 /1#6 GRN
630-2-12
2 RUNS OF 2"
CONDUIT @ 93 LF

COLONIAL CENTER DR.

ONLY

PULL BOX

EXIST. R/W LINE

STA. 18+40
POLE NO. 2B
CKT A-2

2#6 /1#6 GRN
630-2-11
1 RUN @ 130 LF

2#6 /1#6 GRN
630-2-11
1 RUN @ 120 LF

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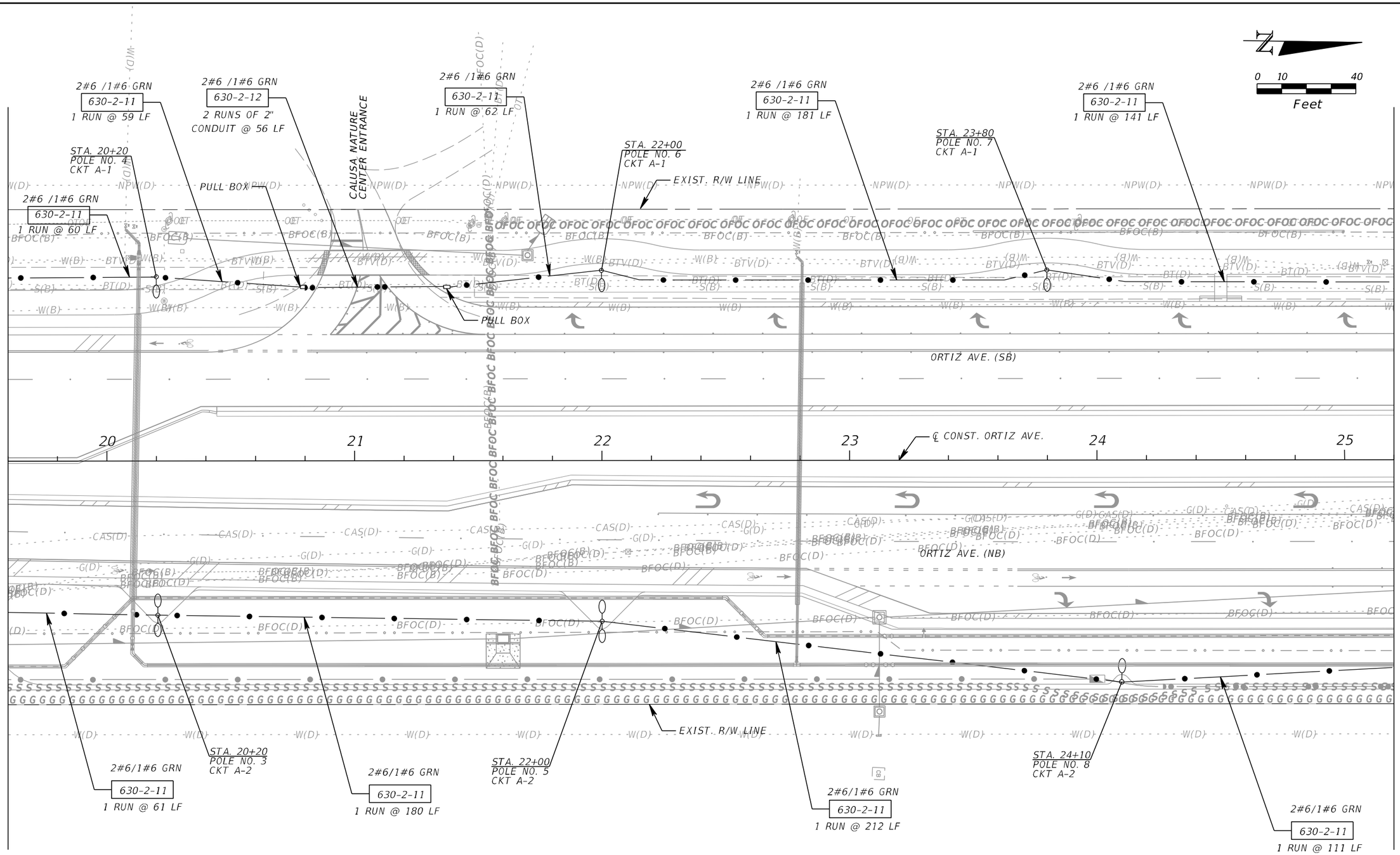
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DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (2)

SHEET NO. L-9

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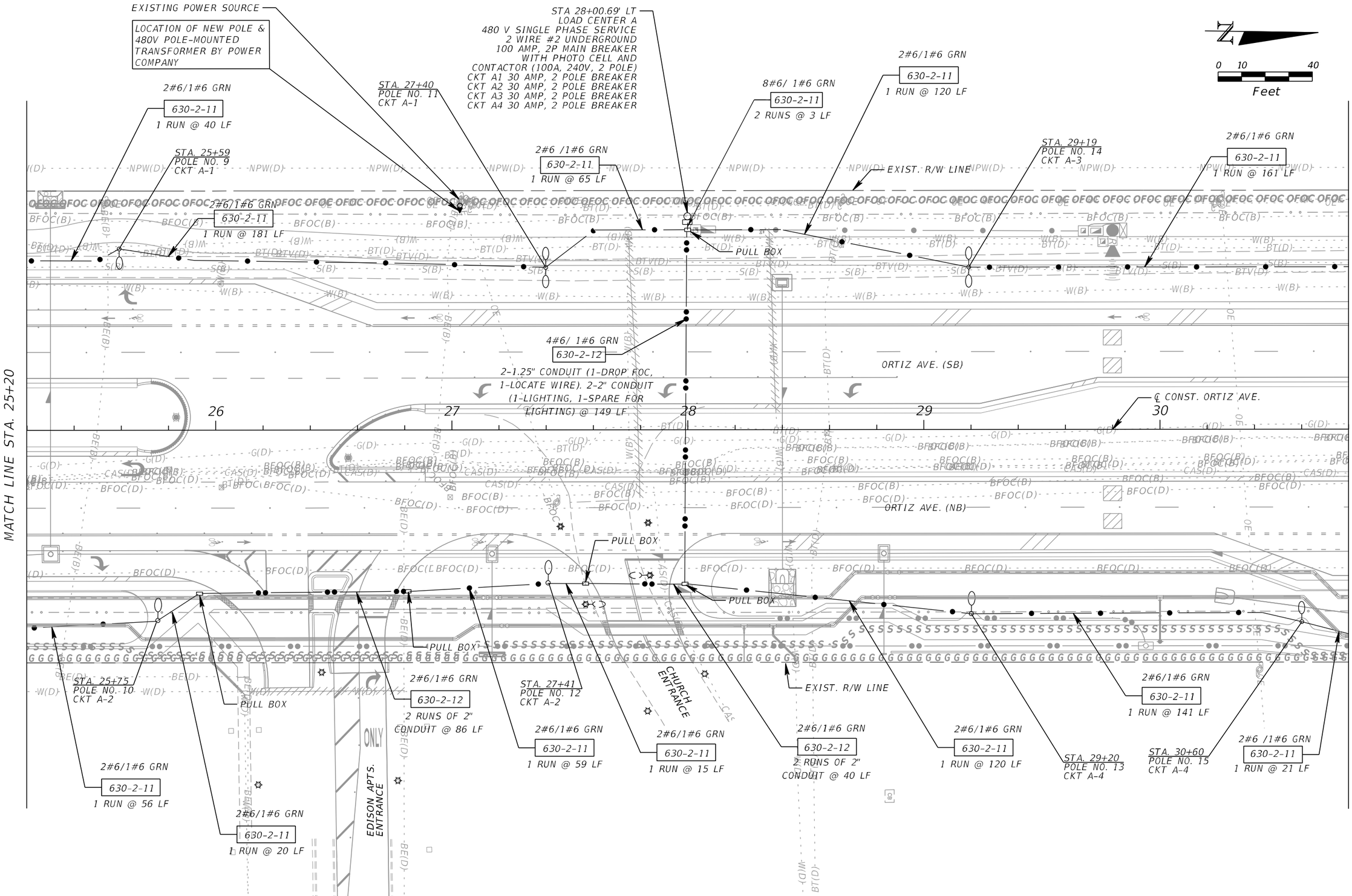
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (3)

SHEET NO. L-10

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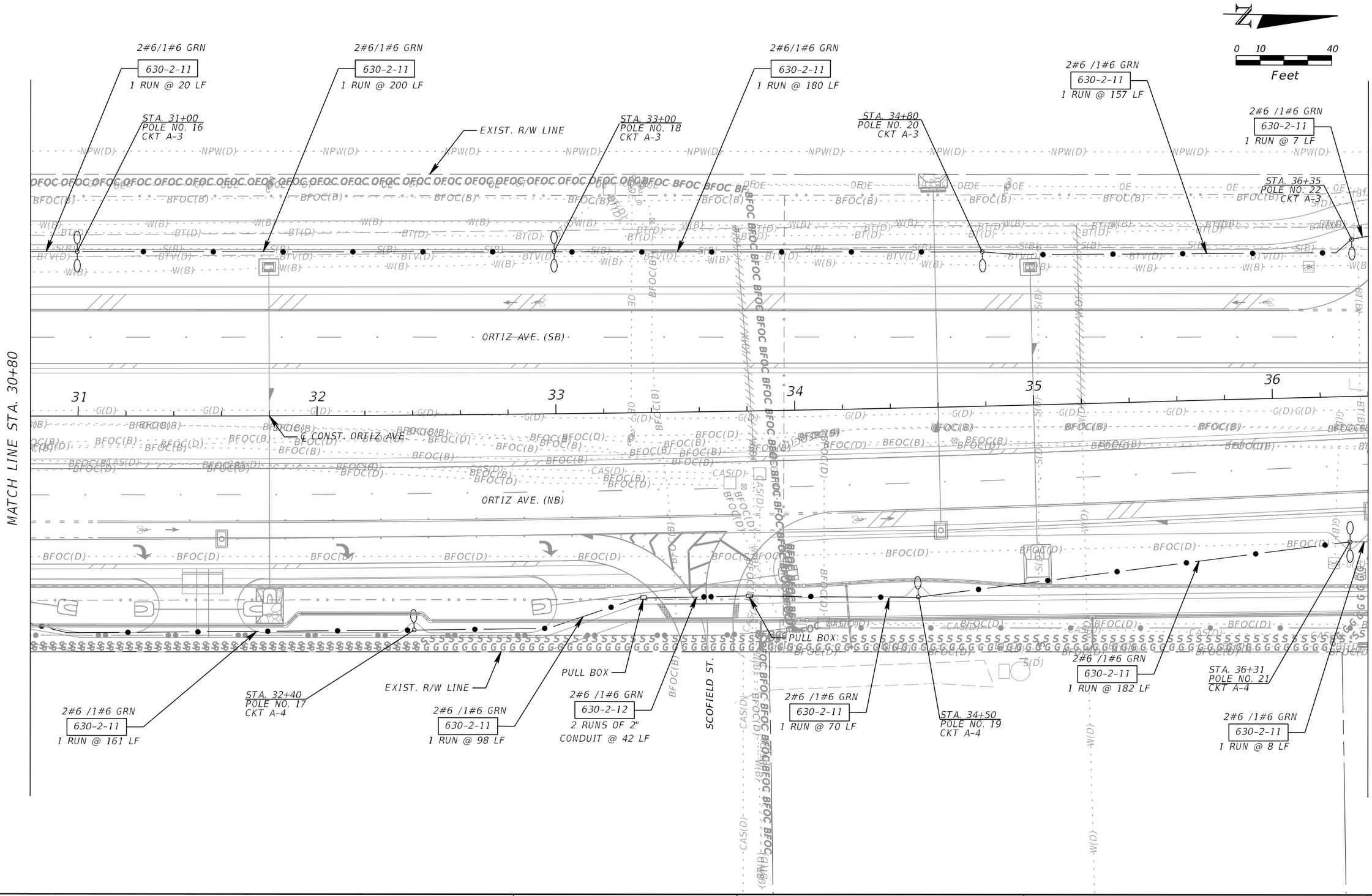
LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (4)

SHEET NO. L-11

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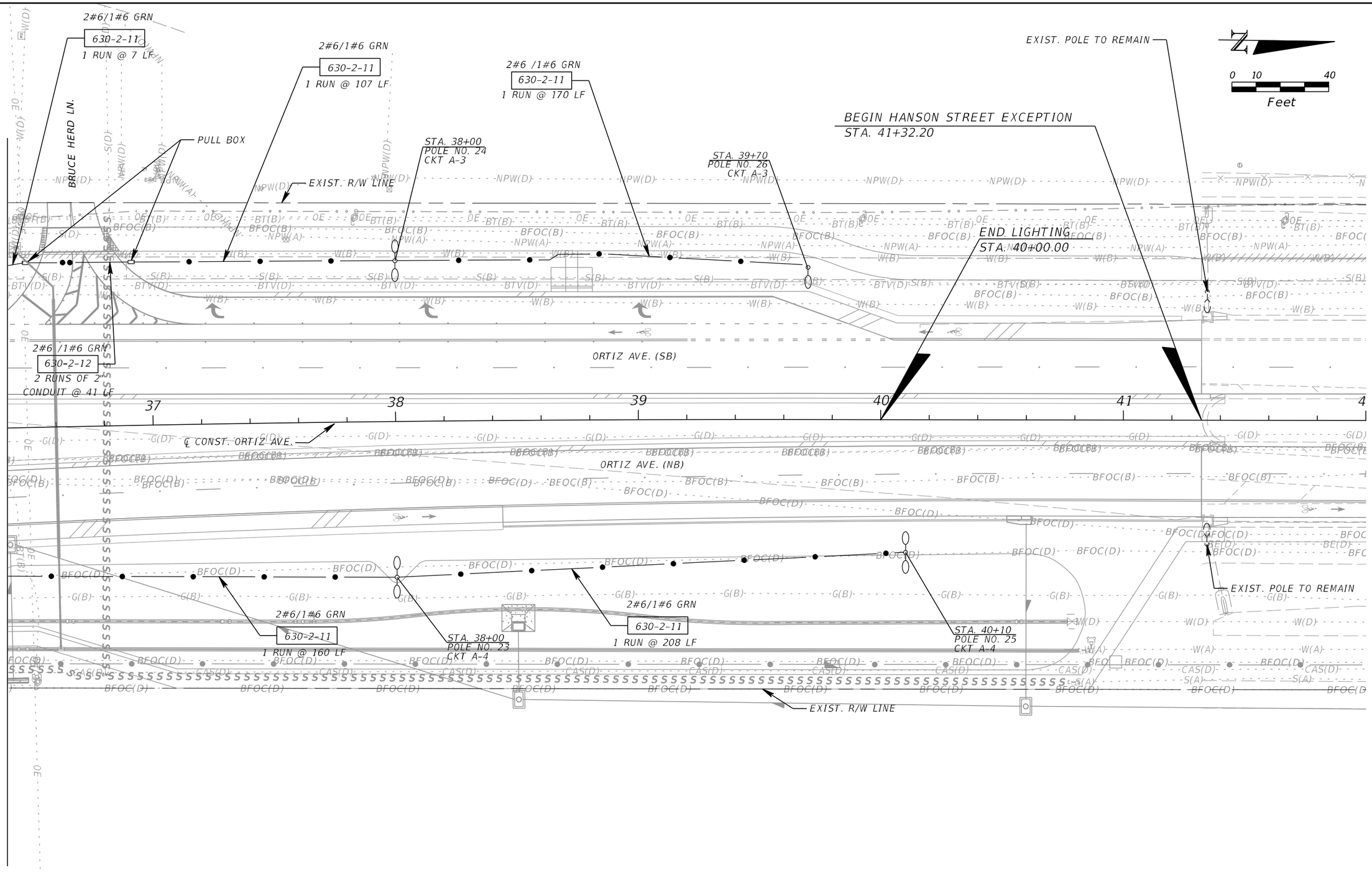
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CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (5)

SHEET NO. L-12

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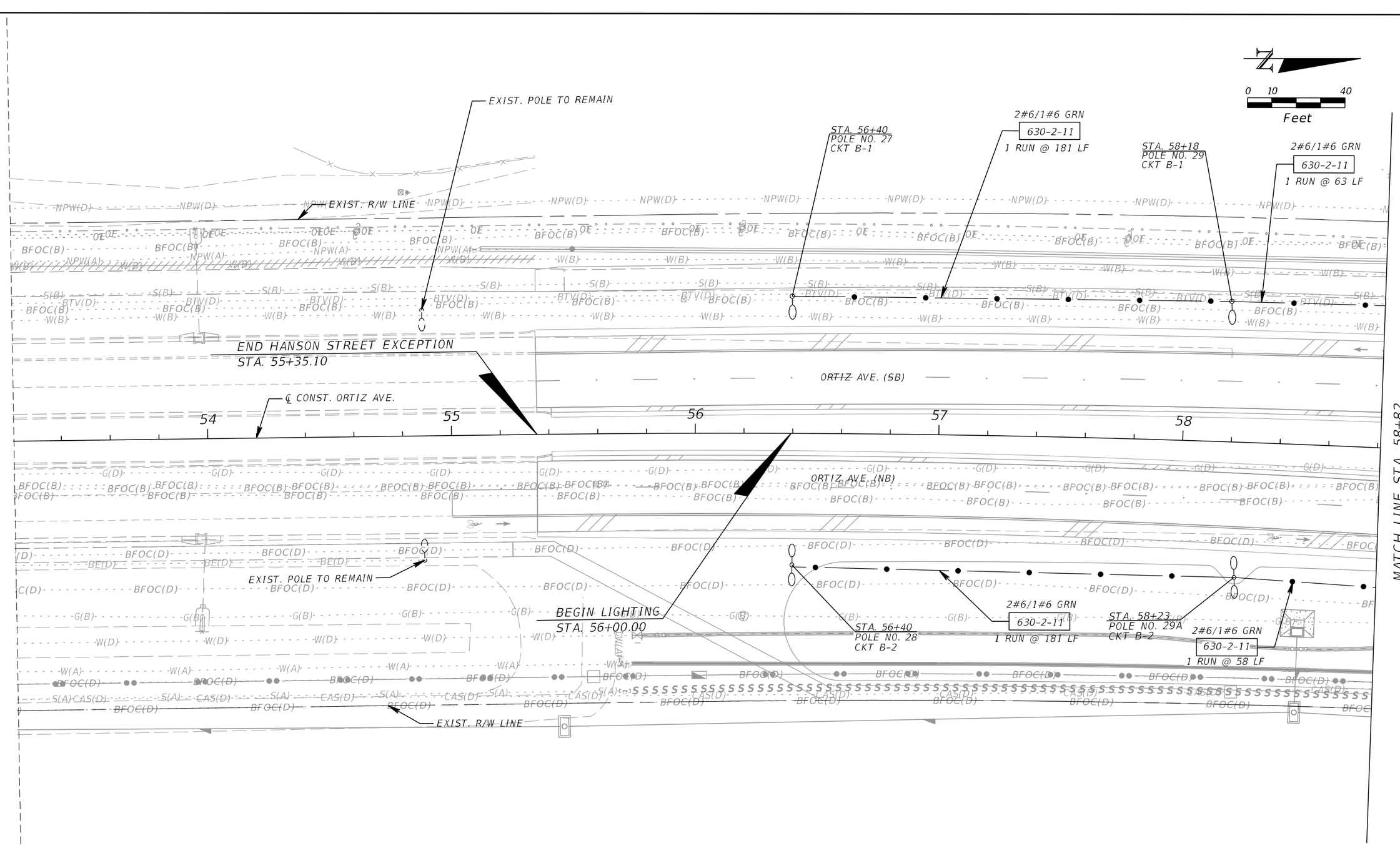
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (6)

SHEET NO. L-13

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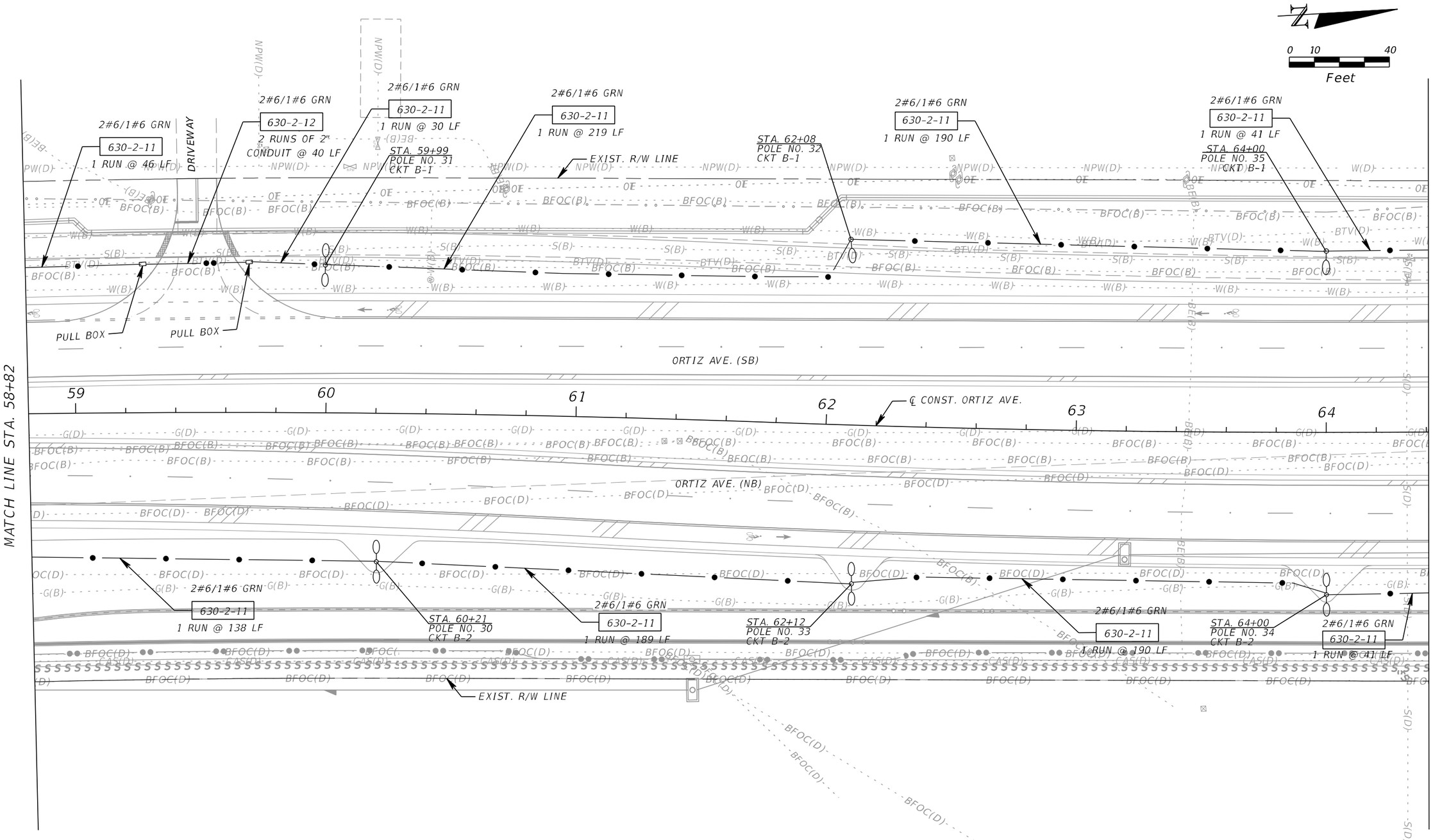
LEE COUNTY
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (7)

SHEET NO. L-14

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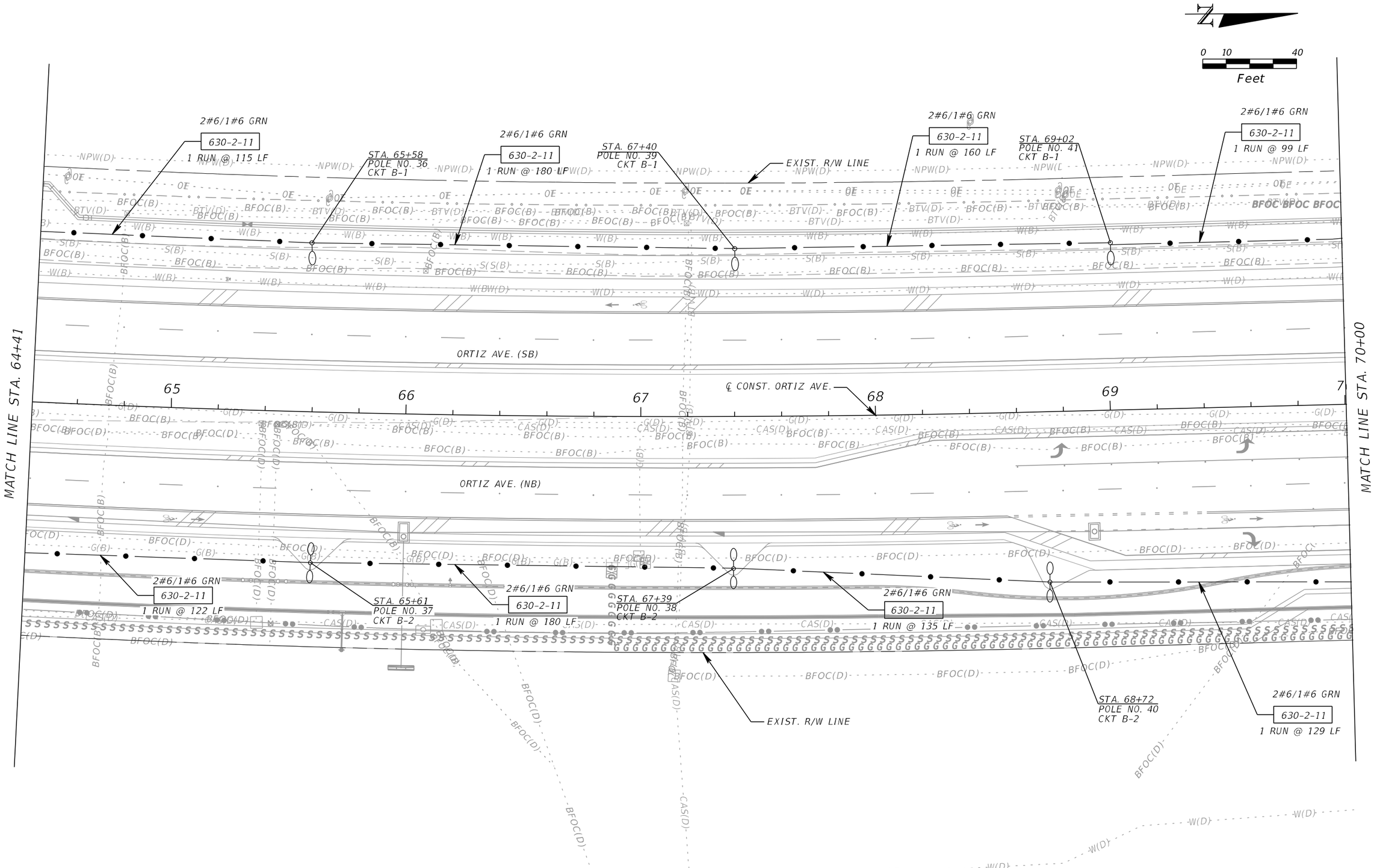
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (8)

SHEET NO. L-15

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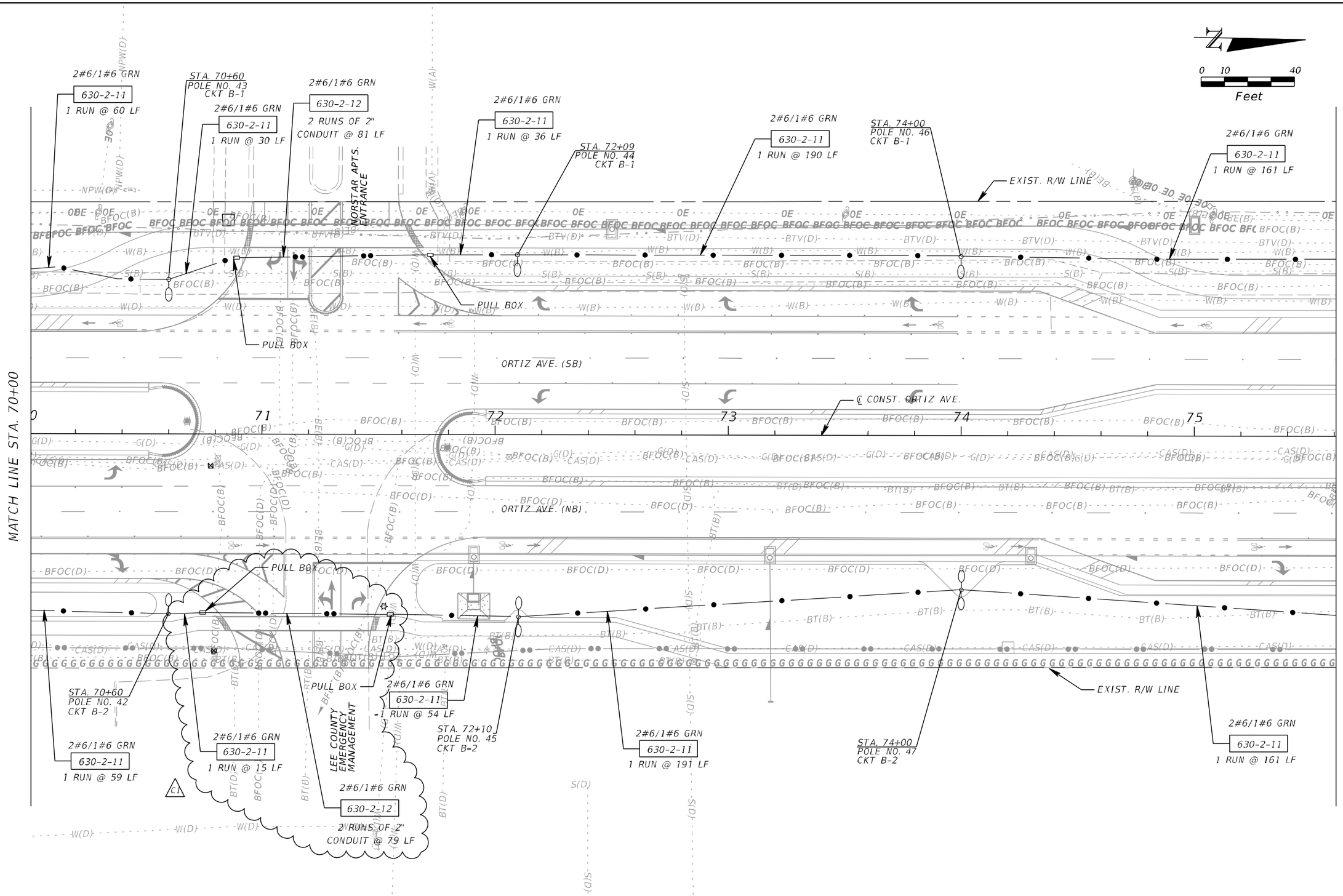
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LIGHTING PLAN (9)

SHEET NO. L-16

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12/5/24	C1 RELOCATED PULL BOX, UPDATED TEXT		

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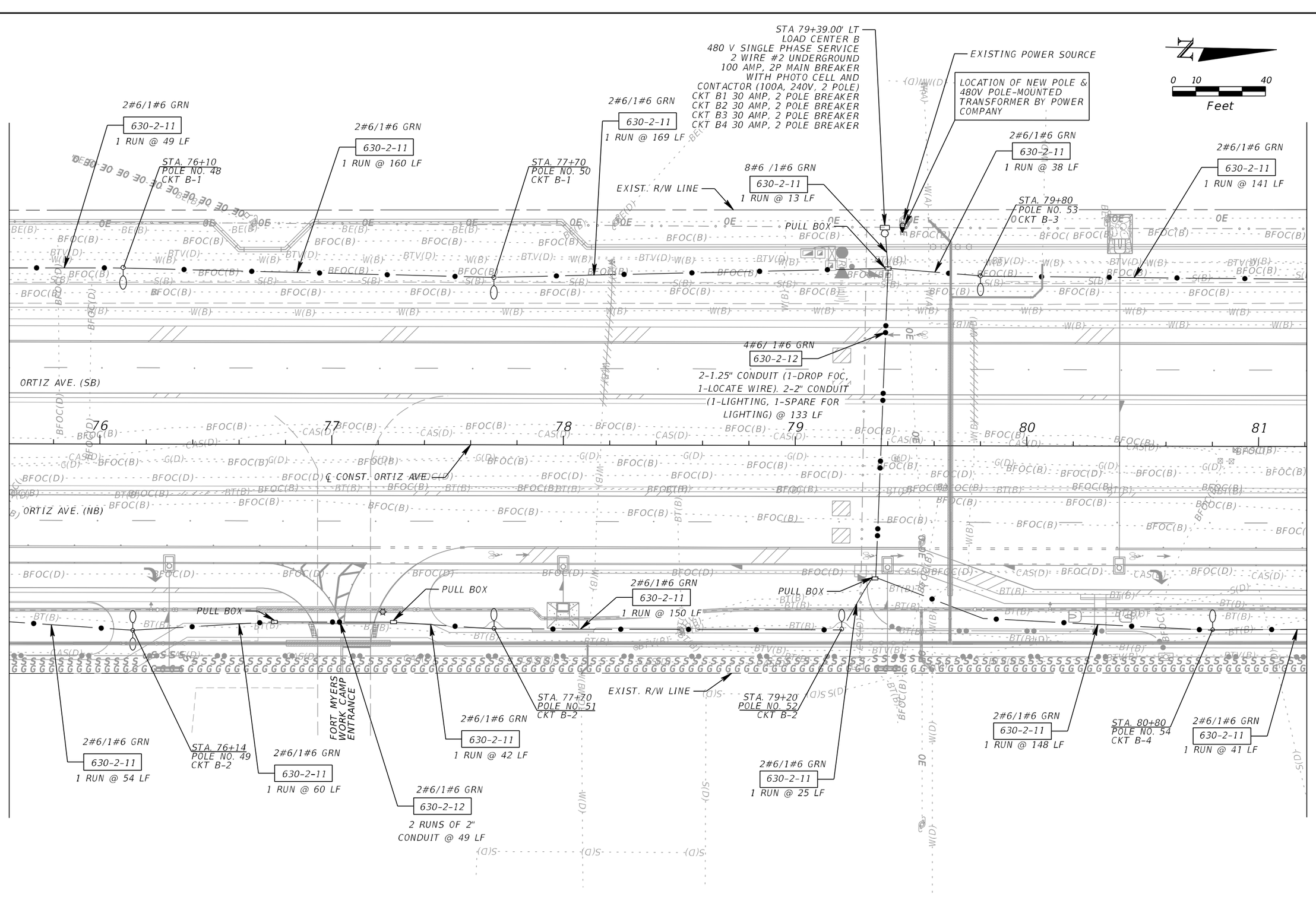
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (10)

SHEET NO. L-17

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

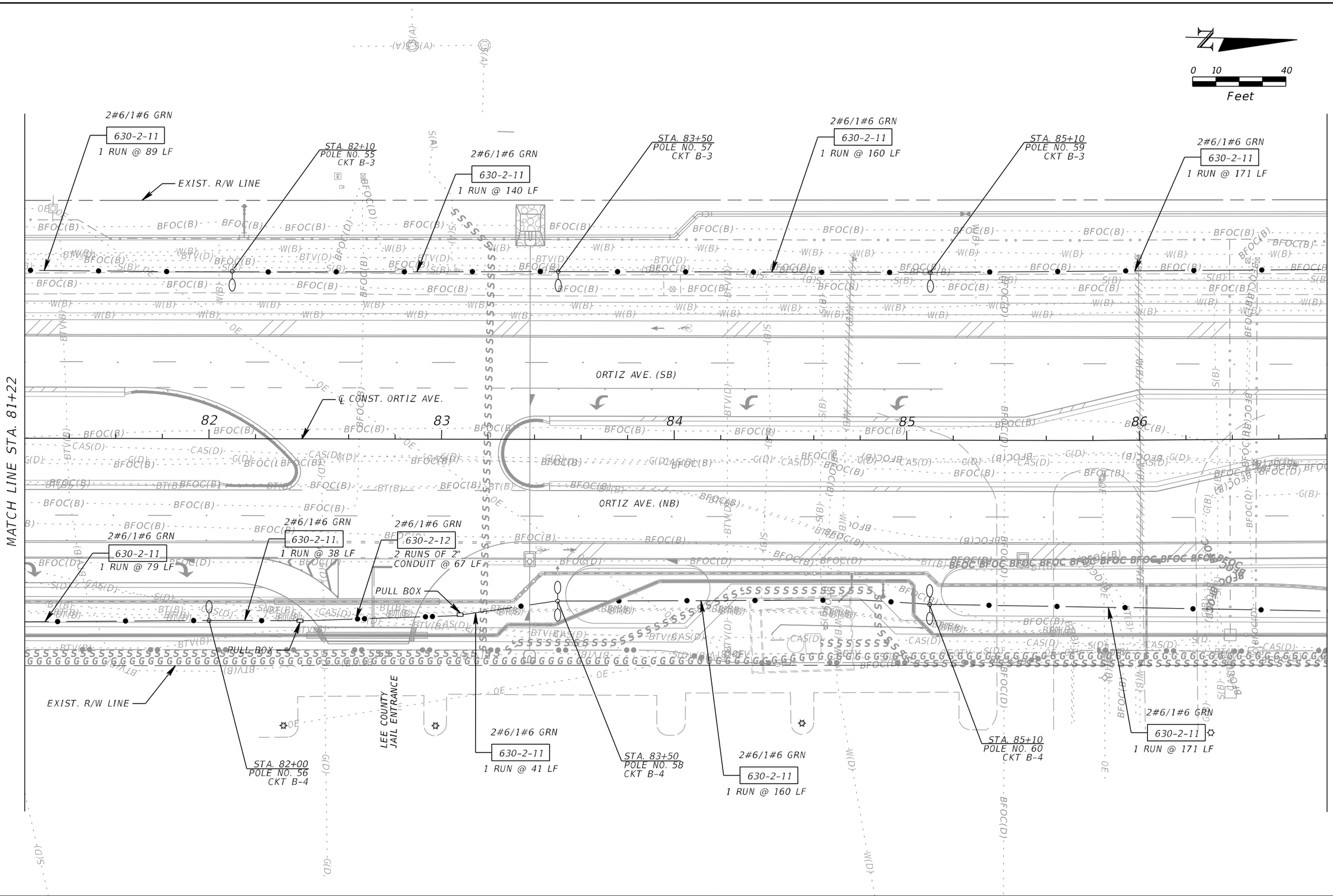
KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (11)

SHEET NO. L-18



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Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

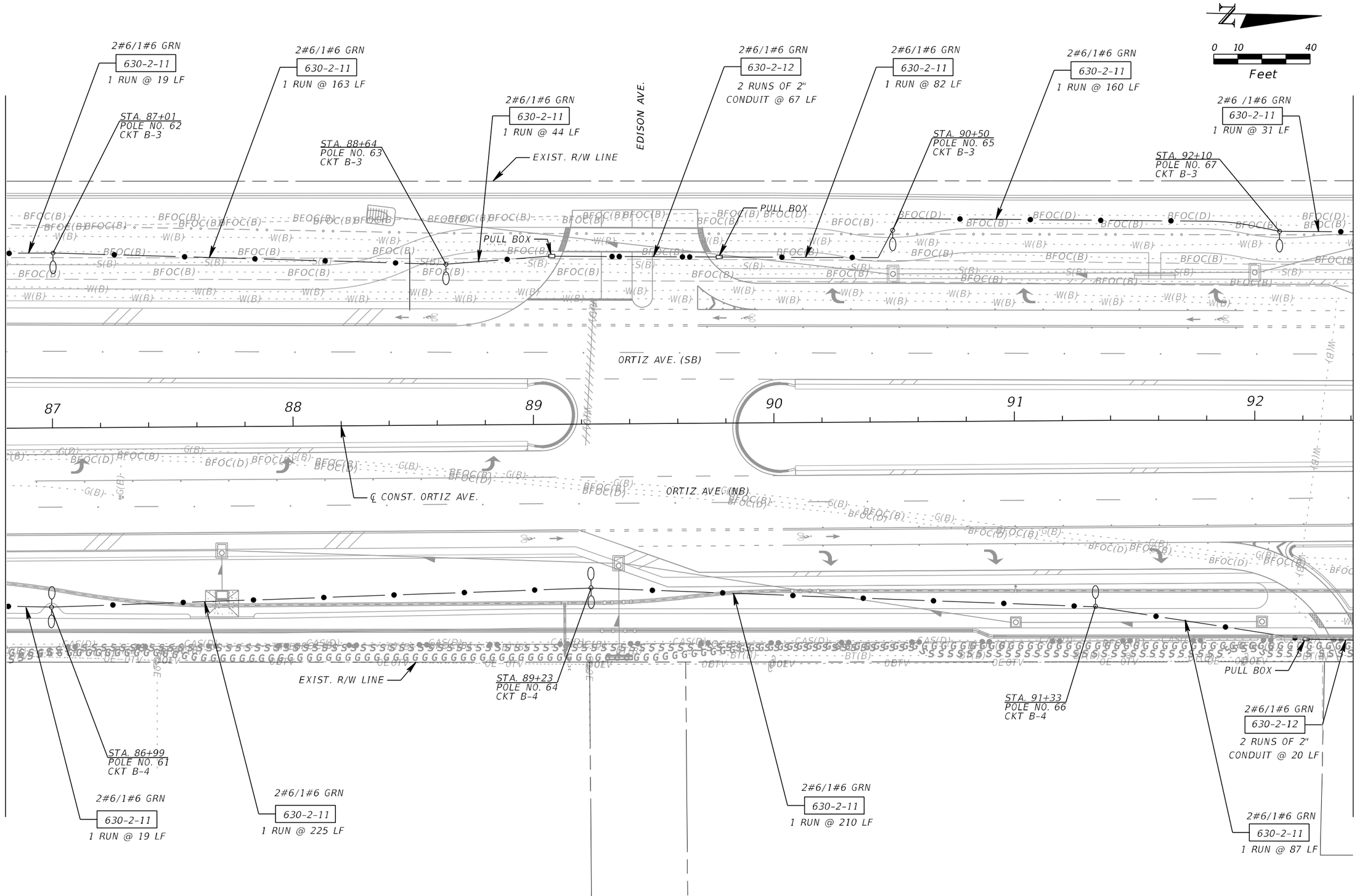
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (12)

SHEET NO. L-19

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Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (13)

SHEET NO. L-20

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N

0 10 40
Feet

2#6/1#6 GRN
630-2-11
1 RUN @ 152 LF

2#6/1#6 GRN
630-2-11
1 RUN @ 170 LF

2#6/1#6 GRN
630-2-11
1 RUN @ 160 LF

2#6/1#6 GRN
630-2-11
1 RUN @ 81 LF

STA. 93+90
POLE NO. 69
CKT B-3

STA. 95+60
POLE NO. 71
CKT B-3

STA. 97+20
POLE NO. 73
CKT B-3

EXIST. R/W LINE

MATCH LINE STA. 92+42

MATCH LINE STA. 98+02

ORTIZ AVE. (SB)

93 94 95 96 97 9

℄ CONST. ORTIZ AVE.

ORTIZ AVE. (NB)

STA. 93+40
POLE NO. 68
CKT B-4

PULL BOX

PULL BOX

RACETRAC ENTRANCE

2#6/1#6 GRN
630-2-11
1 RUN @ 60 LF

2#6/1#6 GRN
630-2-11
1 RUN @ 220 LF

STA. 95+60
POLE NO. 70
CKT B-4

2#6/1#6 GRN
630-2-11
1 RUN @ 76 LF

RACETRAC ENTRANCE

STA. 97+20
POLE NO. 72
CKT B-4

2#6/1#6 GRN
630-2-11
1 RUN @ 44 LF

2#6/1#6 GRN
630-2-12
2 RUNS OF 2" CONDUIT @ 43 LF

2#6/1#6 GRN
630-2-12
2 RUNS OF 2" CONDUIT @ 35 LF

EXIST. R/W LINE

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

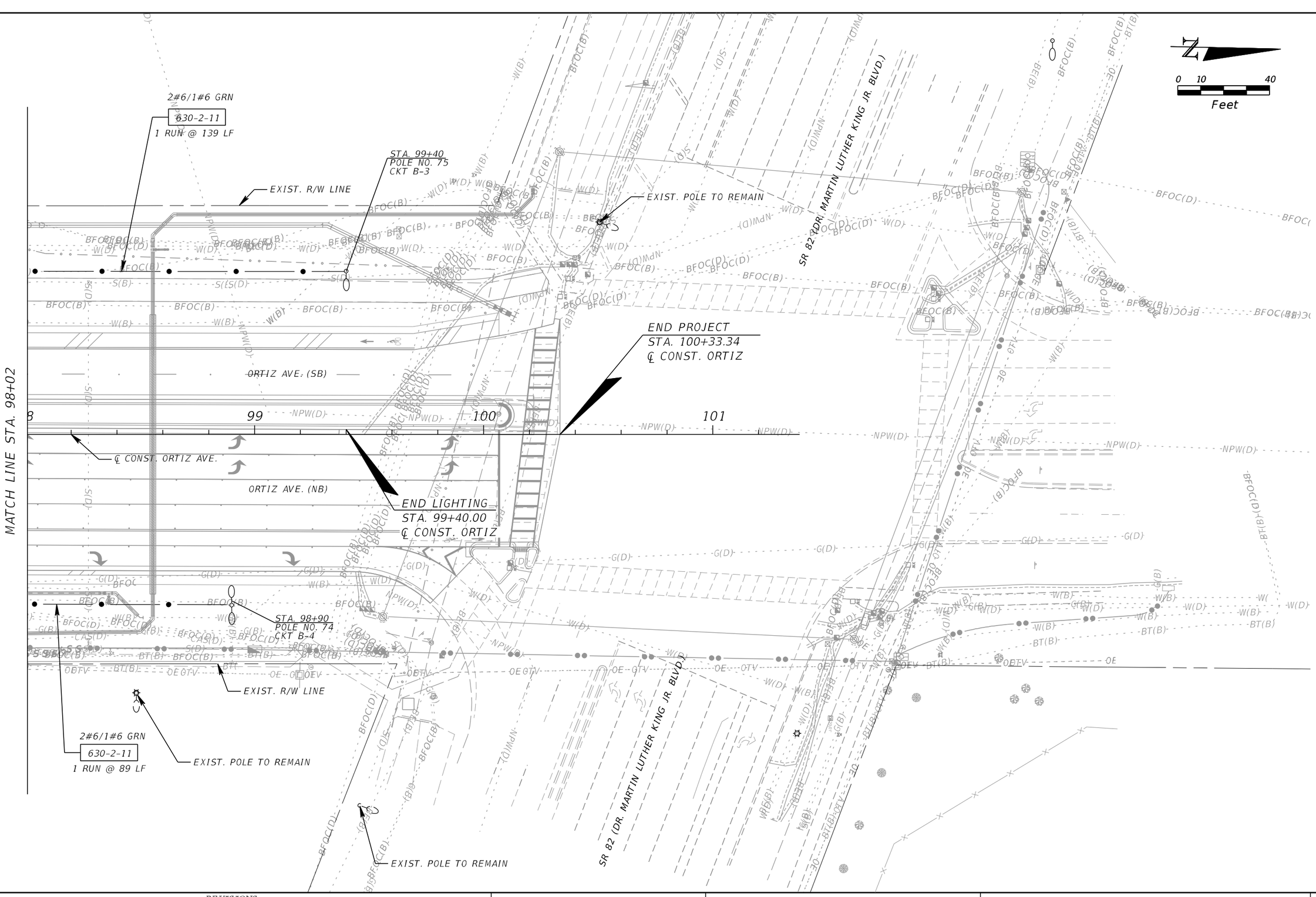
KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (14)

SHEET NO.
L-21



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201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

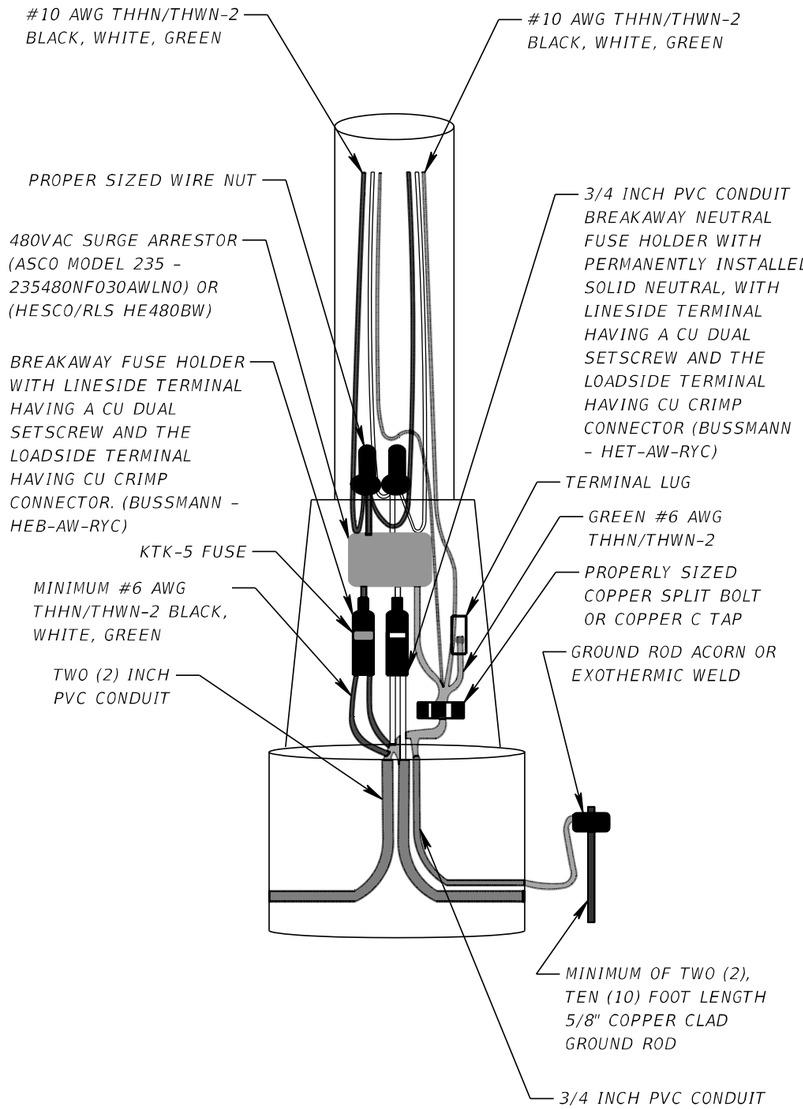
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING PLAN (15)

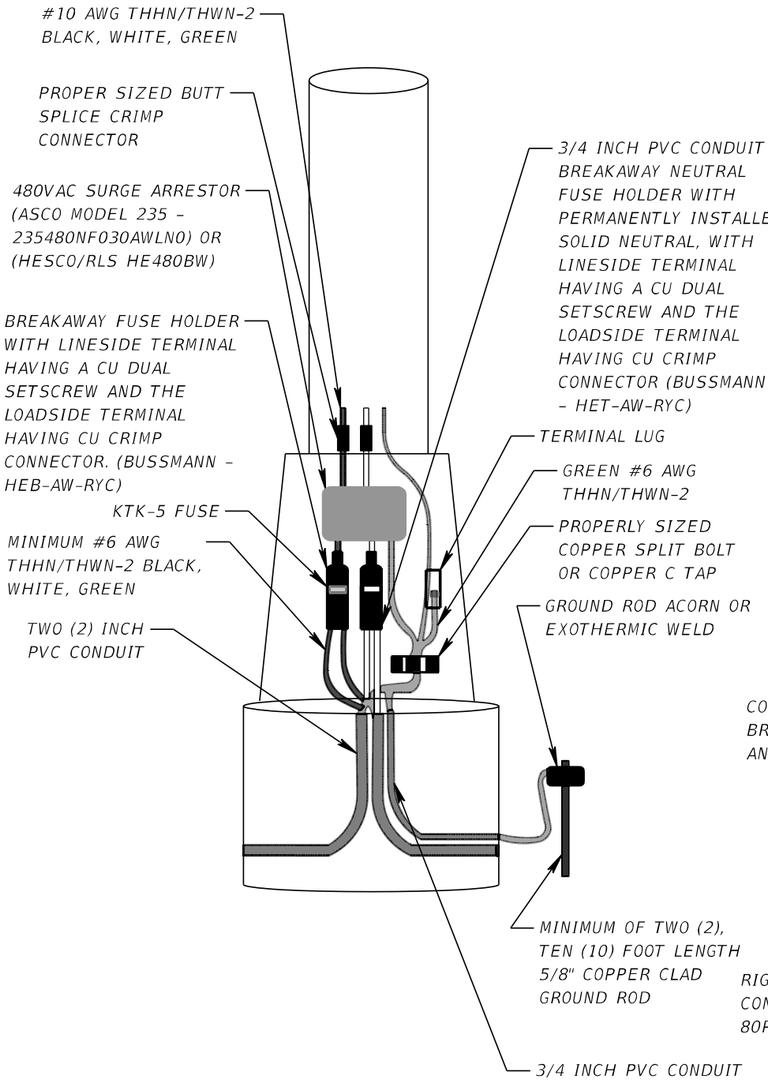
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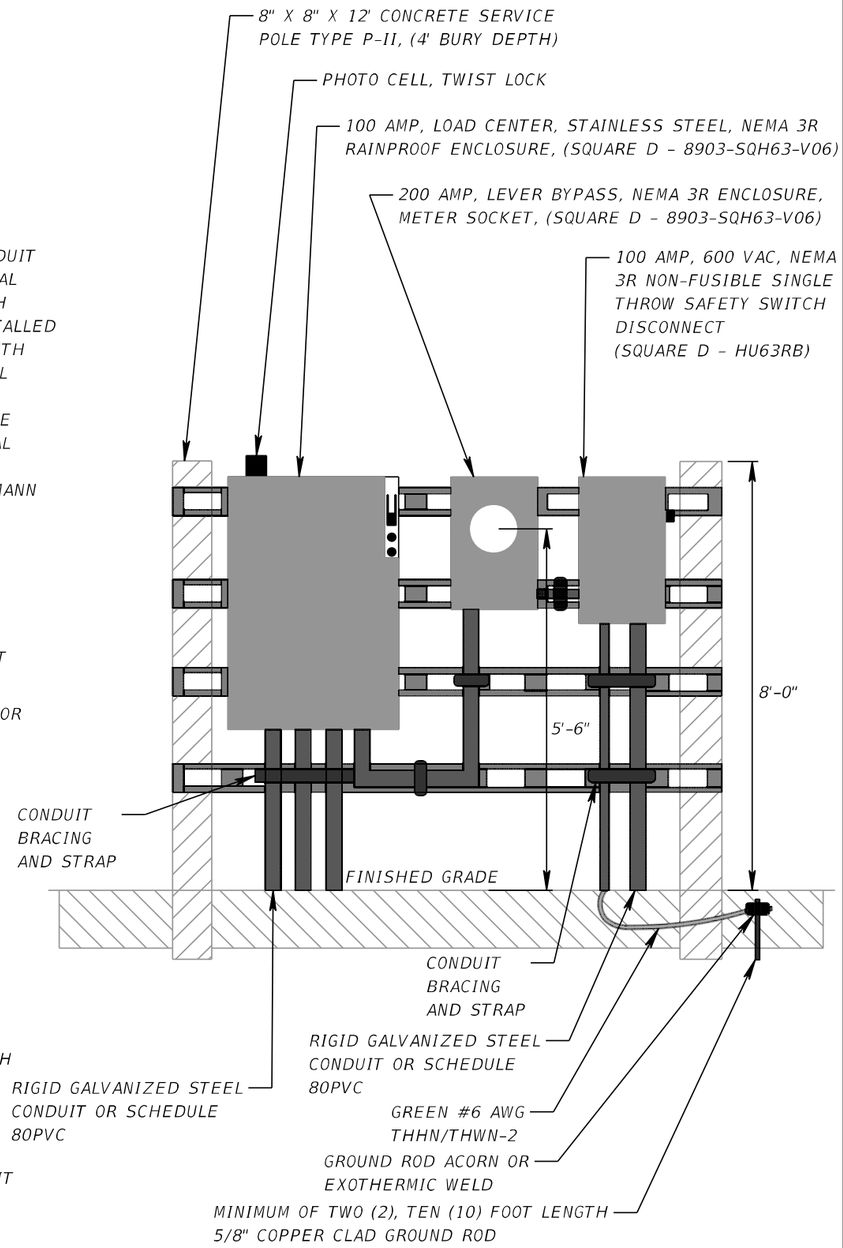
FP&L 480 VAC (2 WIRE)
STREETLIGHT POLE WIRING DETAIL

STREETLIGHT T-BASE WIRING CONNECTIONS - DUAL FIXTURE



FP&L 480 VAC (2 WIRE)
STREETLIGHT POLE WIRING DETAIL

STREETLIGHT T-BASE WIRING CONNECTIONS



WITHIN 150' OF ELECTRICAL SERVICE FEED
STREETLIGHT POLE WIRING DETAIL

LOAD CENTER, SECONDARY VOLTAGE WITH METER

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHTING DETAILS

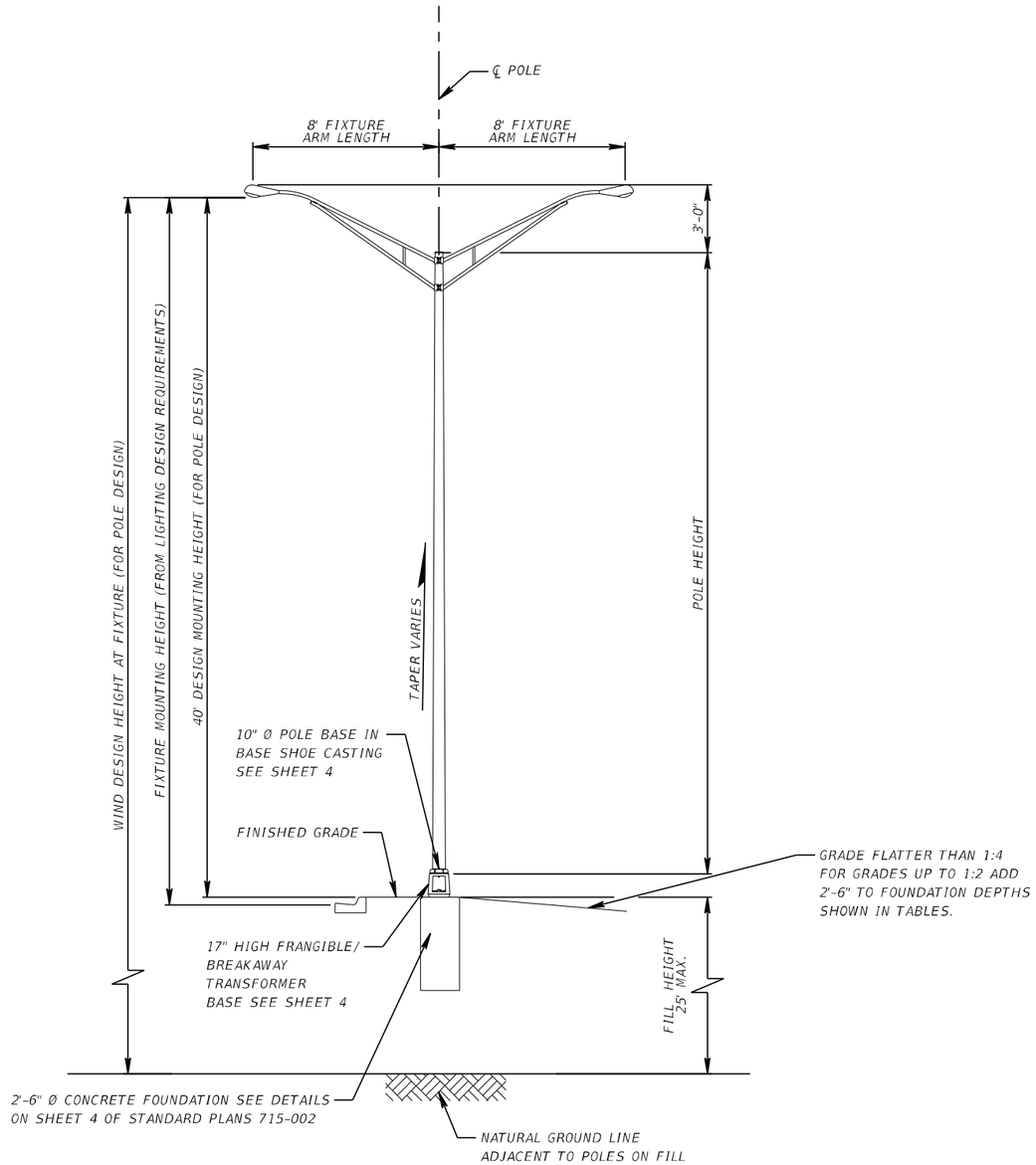
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NOTES:

1. USE DESIGN CRITERIA OF 45' DESIGN MOUNTING HEIGHT POLES WITH ARM IN STANDARD PLANS 715-002 FOR ALL 40' CUSTOM DESIGN MOUNTING HEIGHT POLES.

2. USE HAPCO PN# B12603 FOR 8' POLE ARMS (SINGLE AND DOUBLE.



CUSTOM ROADWAY ALUMINUM LIGHT POLE WITH DOUBLE ARM (40' POLE DESIGN MOUNTING HEIGHT)

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
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Tampa, Florida 33602
Engineer of Record: Scott R. Samuels, P.E.
P.E. No.: 88738

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

SPECIAL LIGHT POLE DESIGN

SHEET NO. L-24

GENERAL NOTES:

1. DESIGN METHODOLOGY:

LOAD RESISTANCE FACTOR DESIGN. DESIGN WIND SPEED = 160 MPH.

2. MATERIALS:

A. CONCRETE: CLASS IV (f'c=5500 psi)
B. REINFORCING STEEL: GRADE 60 CARBON STEEL PER SPECIFICATIONS SECTION 931
C. ANCHOR BOLTS, NUTS AND WASHERS (GALVANIZED IN ACCORDANCE WITH ASTM F2329):
   ANCHOR BOLTS: ASTM F1554 GRADE 55
   NUTS: ASTM A563 GRADE DH
   WASHERS: ASTM F436 TYPE 1

3. CONCRETE COVER:

CONCRETE COVER SHOWN IN THE PLANS DOES NOT INCLUDE REINFORCEMENT PLACEMENT AND FABRICATION TOLERANCE UNLESS SHOWN AS "MINIMUM COVER". SEE FDOT STANDARD SPECIFICATIONS FOR ALLOWABLE REINFORCEMENT PLACEMENT TOLERANCES.

LIGHT POLE SPREAD FOOTING NOTES:

1. SOIL BELOW THE FOOTING TO HAVE A MINIMUM BEARING CAPACITY OF 3.00 kip/sq ft.

2. ANCHOR BOLTS ARE TO HAVE A MINIMUM OF 4½" CONCRETE COVER AT THE BOTTOM OF THE FOOTING.

3. FOR COMPACTION AND DENSITY REQUIREMENTS BENEATH THE SPREAD FOOTING, SEE FDOT SPECIFICATION 455-31 FOR SHALLOW FOUNDATIONS.

4. DETERMINE GROUNDWATER LEVELS AT THE TIME OF CONSTRUCTION. THE CONTRACTOR'S MEANS AND METHODS MUST ADDRESS ANY ISSUES ARISING FROM SHALLOW GROUNDWATER INCLUDING, BUT NOT LIMITED TO, DEWATERING THAT MAY BE REQUIRED TO FACILITATE COMPACTION AND DENSITY REQUIREMENTS.

5. PROVIDE ANCHOR BOLTS THAT EFFECTIVELY TRANSMIT THE LIGHT POLE LOAD TO THE FOOTING AND THAT FIT THE REINFORCING CAGE. ALSO VERIFY THAT THE FORCES OF THE LIGHT POLE DO NOT EXCEED THE DESIGN LOADS OF THIS FOOTING. SUBMIT CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN THE STATE OF FLORIDA TO THE DEPARTMENT FOR REVIEW AND APPROVAL SHOWING THAT THESE REQUIREMENTS HAVE BEEN MET PRIOR TO CONSTRUCTION.

6. INSTALL THE PULL BOX ADJACENT TO AND NOT ABOVE THE FOOTING, THEREFORE ALLOWING ADEQUATE DRAINAGE OF THE PULL BOX.

7. DESIGN LOADS:

		SERVICE	EXTREME EVENT
MOMENT IN TRANSVERSE DIR.	=	23.68 KIP*FT	29.60 KIP*FT
MOMENT IN LONGITUDINAL DIR.	=	30.23 KIP*FT	37.79 KIP*FT
TORSION	=	1.85 KIP*FT	2.31 KIP*FT
AXIAL	=	0.36 KIP	0.45 KIP
SHEAR IN TRANSVERSE DIR.	=	1.17 KIP	1.46 KIP
SHEAR IN LONGITUDINAL DIR.	=	0.96 KIP	1.20 KIP

8. SEE LIGHTING GENERAL NOTES FOR CONDUIT REQUIREMENTS. SEE FDOT SPECIFICATIONS SECTION 630-3.8 FOR CONDUIT BEND RADIUS. VERIFY CONDUIT LOCATION PRIOR TO CONSTRUCTION (CONDUIT NOT SHOWN FOR CLARITY).

9. SPREAD FOOTING TO BE USED WHERE REQUIRED AND AS APPROVED BY THE ENGINEER.

10. CONSTRUCT THE LIGHT POLE SPREAD FOOTING FOUNDATIONS IN ACCORDANCE WITH SPECIFICATIONS SECTION 455 EXCEPT THAT NO PAYMENT FOR THE FOUNDATIONS WILL BE MADE UNDER SECTION 455.

ESTIMATED QUANTITIES (PER FOOTING)

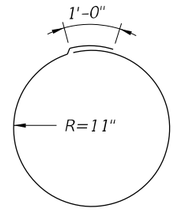
ITEM	QUANTITY
Class IV Concrete (CY)	3.84
Reinforcing Steel (LB)	529

NOTE: QUANTITIES ARE APPROXIMATE

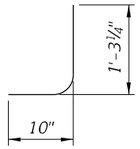
REINFORCING STEEL BENDING DIAGRAM

BILL OF REINFORCING STEEL

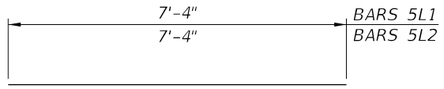
MARK	SIZE	NUMBER
5L1	5	30
5L2	5	30
8L3	8	10
4L4	4	3



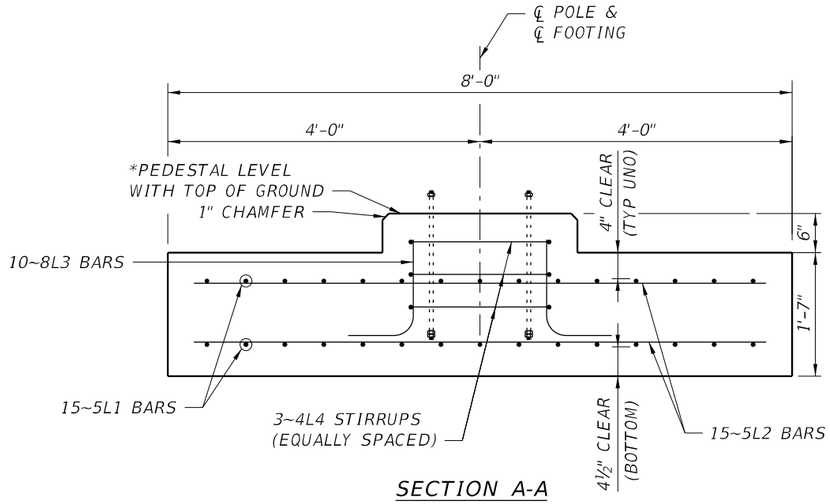
BARS 4L4



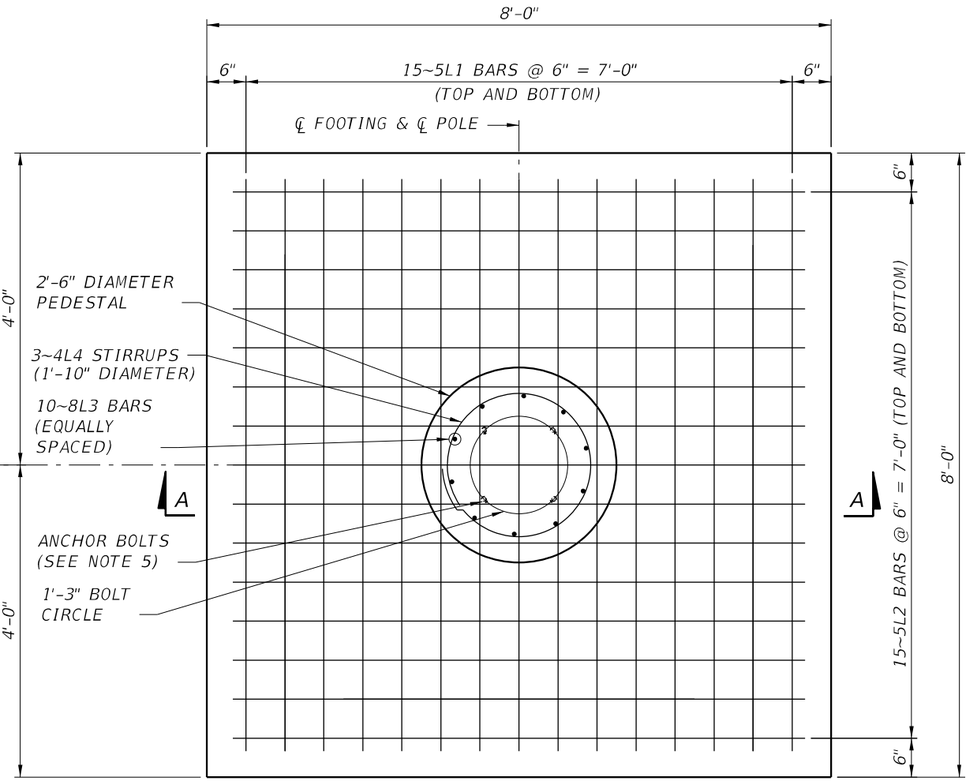
BARS 8L3



BARS 5L1 & 5L2



SECTION A-A



FOOTING PLAN

* TOP OF FOOTING LEVEL WITH SIDEWALK IF FOOTING ABUTS SIDEWALK. PROVIDE ½" PREFORMED JOINT MATERIAL WHEN FOOTING OR PEDESTAL IS CAST AGAINST CONCRETE.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Kipling Laskaris, P.E.
P.E. No.: 75005

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

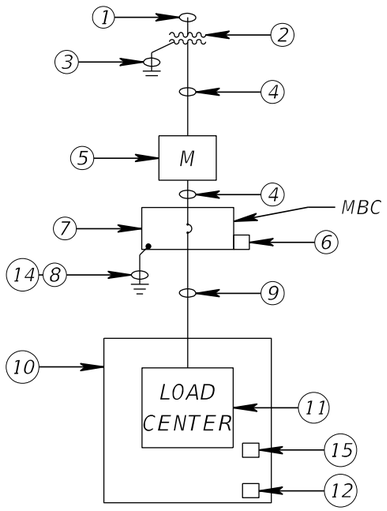
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LIGHT POLE SPREAD FOOTING

SHEET NO. L-25

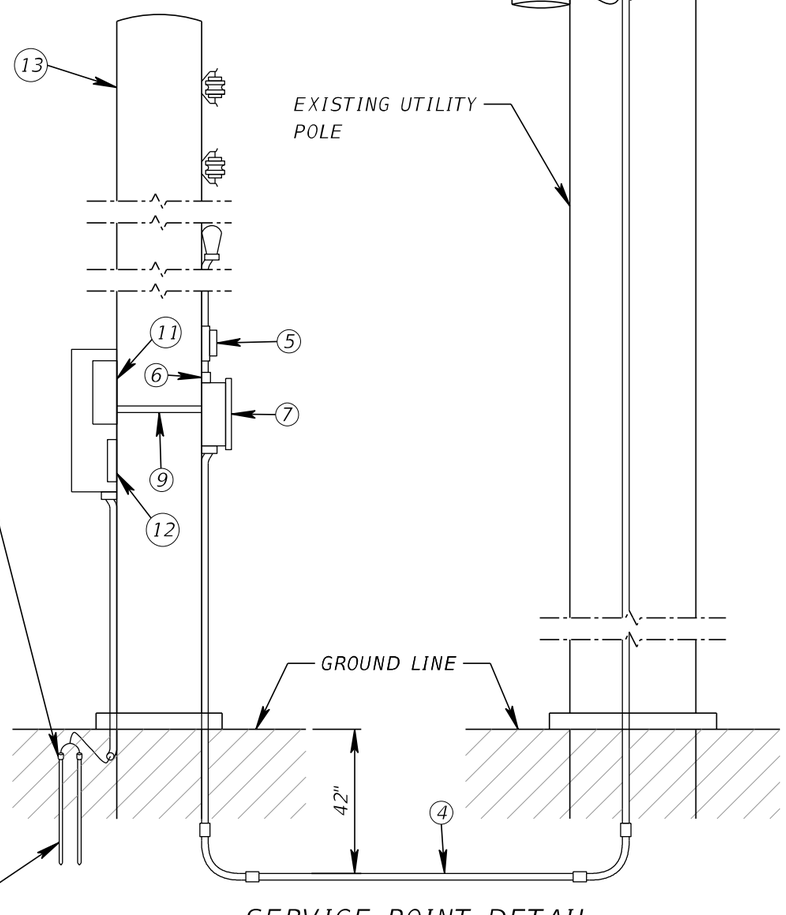
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SECONDARY ELECTRICAL SERVICE,
480V, SINGLE PHASE, 3 WIRE



SERVICE POINT ONE-LINE DETAIL FOR LOAD CENTER

NOT TO SCALE



SERVICE POINT DETAIL

NOT TO SCALE

KEY NOTES

1. PRIMARY ELECTRICAL DISTRIBUTION SYSTEM.
2. UTILITY POLE MOUNTED TRANSFORMER.
3. UTILITY POLE MOUNTED TRANSFORMER GROUNDING SYSTEM.
4. SECONDARY SERVICE ENTRANCE CONDUCTORS AND CONDUIT.
5. KWH METER.
6. SURGE PROTECTIVE DEVICE, 480V, 1 PHASE.
7. MAIN SERVICE DISCONNECT, ENCLOSED CIRCUIT BREAKER.
8. SERVICE GROUNDING ELECTRODE SYSTEM.
9. FEEDER CONDUCTORS AND CONDUIT, REFER TO "PLANS" FOR DETAILS.
10. LIGHTING CONTROL CABINET PER FDOT STANDARDS.
11. LOAD CENTER (SERVICE POINT PANEL), REFER TO "PANELBOARD SCHEDULE" FOR DETAILS.
12. DUPLEX RECEPTACLE.
13. 12' PEDESTAL POLE PER FDOT STANDARDS.
14. $\frac{5}{8}$" DIA. X 40' L COPPER GROUND ROD, PROVIDE #1/0 AWG IN 1/2" CONDUIT BONDED TO SERVICE GROUNDING ELECTRODE SYSTEM.
15. UNIVERSAL LIGHTING RELAY

LOAD CENTER PANELBOARD SCHEDULE

480V, 1PH, 2W — LOAD CENTER A

CKT. NO.	KVA	AMPS/ PHASE	BKR	LOAD
A-1	1.80	3.75	15A	LIGHTING
A-2	2.34	4.88	15A	LIGHTING
A-3	1.98	4.13	15A	LIGHTING
A-4	1.98	4.13	15A	LIGHTING
CONNECTED LOAD:			8.11	KVA
			16.89	APMS

480V, 1PH, 2W — LOAD CENTER B

CKT. NO.	KVA	AMPS/ PHASE	BKR	LOAD
B-1	2.52	5.25	15A	LIGHTING
B-2	4.50	9.38	15A	LIGHTING
B-3	2.16	4.50	15A	LIGHTING
B-4	3.42	7.13	15A	LIGHTING
CONNECTED LOAD:			12.60	KVA
			26.26	AMPS

MAINTAINED BY LEE COUNTY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA KISINGER CAMPO & ASSOCIATES
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: M. Fathy Abdalla, P.E.
P.E. No.: 63914

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

LOAD CENTER

SHEET NO. L-26

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ORTIZ AVENUE WIDENING - LANDSCAPE ANALYSIS

SR 884 TO SR 82

LEE COUNTY, FLORIDA

PROJECT BEGIN POINT: STA: 17+50.00
PROJECT END POINT: STA: 95+00.00

Prepared for:
KISINGER CAMPO AND ASSOCIATES

By:
Landscape Architect of Record
Gregory J. Diserio, R.L.A.
2221 McGregor Blvd.,
Fort Myers, FL 33901

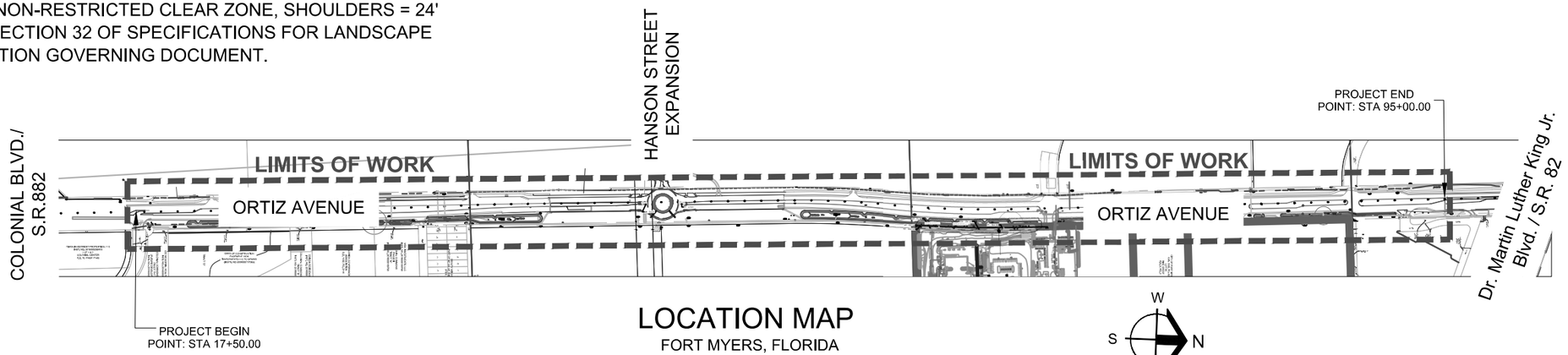
INDEX OF DRAWINGS:

LANDSCAPE AND IRRIGATION PLANS
1 COVER SHEET
2 KEY SHEET
3 LANDSCAPE TABULATION OF QUANTITIES
4 LANDSCAPE NOTES
4.1-4.4 LANDSCAPE DETAILS
5 IRRIGATION TABULATION OF QUANTITIES
6 IRRIGATION NOTES
6.1-6.5 IRRIGATION DETAILS
7-21 LANDSCAPE PLANS
22-36 IRRIGATION PLANS

KEY SHEET REVISION	
DATE	DESCRIPTION
12/6/23	1 NOTES AND QUANTITIES UPDATED ON SHEETS 3, 5, 6, 7-21,28, 30, 31

PROJECT ROADWAY DESIGN CRITERIA

- ROADWAY DESIGN SPEED: 45 MPH
- DESIGN VEHICLE: PASSENGER VEHICLE
- INTERSECTION DESIGN AND CLEAR SIGHT LINES DEPICTED HEREIN ARE ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) *FLORIDA GREEN BOOK,* 2018: STANDARD INDEX 546, FOUR LANE DIVIDED HWY.
- MINIMUM RECOVERABLE OFFSETS AND CLEAR ZONES, PER AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (A.A.S.H.T.O.), 2018:
  - MINIMUM RESTRICTED HORIZONTAL CLEAR ZONE = 6'
  - MINIMUM NON-RESTRICTED CLEAR ZONE, MEDIANS = 20'
  - MINIMUM NON-RESTRICTED CLEAR ZONE, SHOULDERS = 24'
- REFER TO SECTION 32 OF SPECIFICATIONS FOR LANDSCAPE AND IRRIGATION GOVERNING DOCUMENT.



LOCATION MAP
FORT MYERS, FLORIDA

PLAN STATUS

LANDSCAPE PLANS 100%
IRRIGATION PLANS: 100%
MAINTENANCE OF TRAFFIC PLANS: By Others
SUBMITTED : JUNE 29, 2022

CALL 48 HOURS BEFORE YOU DIG
811
IT'S THE LAW! DIAL 811
Know what's BELOW. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

AT LEAST 72 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL CONTACT THE LOCAL MAINTENANCE FDOT ENGINEER'S OFFICE TO SECURE GENERAL USE PERMITS AND/OR OTHER PERMITS AS REQUIRED FOR WORKING WITHIN THE DEPARTMENT'S RIGHT-OF-WAY. FDOT FORT MYERS 239-656-7800.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

DMJA
DAVID M. JONES, JR. AND ASSOCIATES, INC.
LANDSCAPE ARCHITECTS • SITE PLANNERS

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

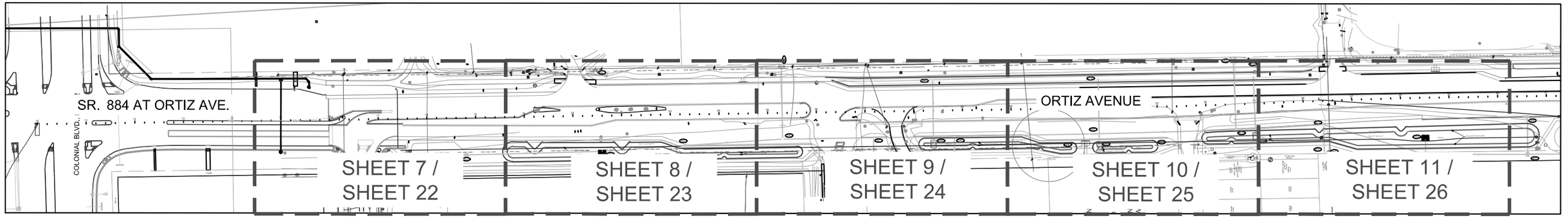
ORTIZ AVENUE WIDENING

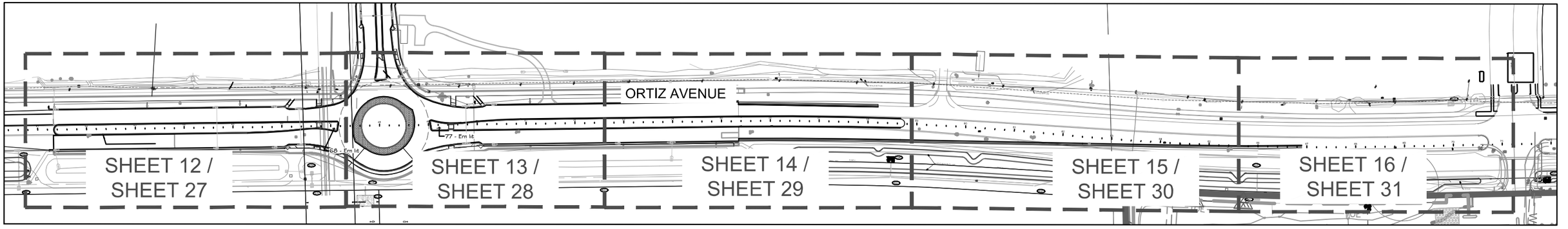
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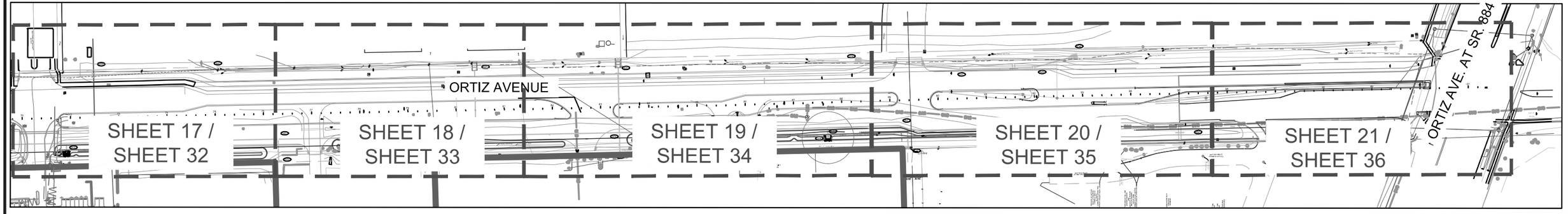
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0' 100' 200' 400'

SCALE: 1" = 200'

W S N E

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LEE COUNTY
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ORTIZ AVENUE WIDENING

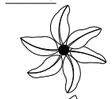
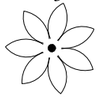
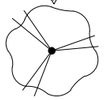
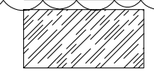
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PLANT SCHEDULE ROADWAY PLANTINGS

PAY ITEM #:	SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	SIZE
580-0001	TREES				
580-0001-1		PTY ELE	37	Alexander Palm Ptychosperma elegans Non-Native	10`-12` CT
580-0001-2		ROY ELA	14	Florida Royal Palm Roystonea elata Native	12`-16` CT
580-0001-4		THR RAD	62	Florida Thatch Palm Thrinax radiata NATIVE-FIELD GROWN	6` - 8` Ht.
580-0001-5		VEI LAA	6	Montgomery Palm Veitchia montgomeryana Non-Native	25 gal.
580-0001-3		TAB HET	12	Pink Tabebuia Tabebuia heterophylla Non-Native	2" Cal., 10` Ht., 4` Sprd.; Standard
	GROUND COVERS				
1 580-0001-7		Pas pen	refer to roadway plans	Argentine Bahia Grass Paspalum notatum Non-Native Sod s.f in Medians	SOD
580-0001-6		Ern lit	145	Golden Creeper Ernodea littoralis Native	1 gal.

MISC.

580-0001-8

MULCH: 1,256 C.F. PROVIDE MINIMUM MULCH RING AROUND ALL TREES PER LANDSCAPE NOTES AND DETAILS.

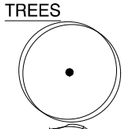
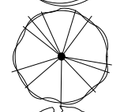
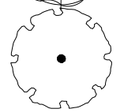
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SOD: SITE SHALL BE SODDED WITH BAHIA SOLID SOD. SOD REPAIR IN LCDOT R.O.W. SHALL BE BAHIA. REFER TO ROADWAY PLANS FOR QUANTITIES.

ROAD SIGNAGE: ALL TREE PLANTING LOCATIONS SHALL BE COORDINATED WITH ROAD SIGN INSTALLATIONS SO AS TO AVOID VISIBILITY CONFLICTS.

1

PLANT SCHEDULE E.O.C. BUFFER REPLACEMENT PLANTINGS

PAY ITEM #:	SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	SIZE
	TREES				
580-0001-12		SAB SA2	30	Cabbage Palmetto Sabal palmetto Existing Street Tree	10`-16` CT Staggered
580-0001-13		JAC MIM	9	Jacaranda Jacaranda mimosifolia Existing Street Tree	2" Cal., 10` Ht., 4` Sprd.; Standard
580-0001-14		QUE VI2	3	Southern Live Oak Quercus virginiana Existing Street Tree	2" Cal., 10` Ht., 4` Sprd.; Standard
	SHRUBS				
580-0001-9		Chr ica	278	Coco Plum Chrysobalanus icaco Existing Buffer Shrub	3 gal., 24" ht
580-0001-10		Tri fak	265	Fakahatchee Grass Tripsacum dactyloides Existing Buffer Shrub	3 gal., 24" ht
580-0001-11		Spa bak	163	Sand Cordgrass Spartina bakeri Existing Buffer Shrub	3 gal., 24" ht

MISC.

580-0001-8

MULCH: 1,080 C.F. PROVIDE ALL PLANTINGS IN MULCHED BED.

SOD: SITE SHALL BE SODDED WITH BAHIA SOLID SOD. SOD REPAIR IN LCDOT R.O.W. SHALL BE BAHIA. REFER TO ROADWAY PLANS FOR QUANTITIES.

ROAD SIGNAGE: ALL TREE PLANTING LOCATIONS SHALL BE COORDINATED WITH ROAD SIGN INSTALLATIONS SO AS TO AVOID VISIBILITY CONFLICTS.

NOTE: 75% NATIVE PLANTING DEVIATION IS REQUESTED DUE TO FRANGIBLE TREE PLANTING REQUIREMENTS IN MEDIANS WITHOUT CURBING, UNTIL FUTURE LANES ARE ADDED.

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12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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DEPARTMENT OF TRANSPORTATION

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LANDSCAPE TABULATION OF QUANTITIES

SHEET NO. 3

$USER$ $DATE$ $TIME$ $FILE$

GRADES AND STANDARDS

THIS CONTRACT IS SUBJECT TO THE RULES AND REGULATIONS OF GRADES AND STANDARDS FOR NURSERY PLANTS AS PUBLISHED BY THE DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

ALL PLANTS NOT LISTED IN THE GRADES AND STANDARDS FOR NURSERY PLANTS, PUBLISHED BY THE DIVISION OF PLANT INDUSTRY, SHALL CONFORM TO A FLORIDA NO. 1 AS TO:

1. HEALTH AND VITALITY,
2. CONDITION OF FOLIAGE,
3. ROOT SYSTEM,
4. FREEDOM FROM PEST OR MECHANICAL DAMAGE,
5. HEAVILY BRANCHED AND DENSELY FOLIATED ACCORDING TO THE ACCEPTED NORMAL SHAPE OF THE SPECIES OR SPORT.

AT THE CONCLUSION OF THIS PLANTING, IF THE LANDSCAPE ARCHITECT OR OWNER HAS REASON TO BELIEVE THAT THE PLANTS ARE NOT OF THE SPECIFIED GRADE, HE WILL REQUEST A REGRADING INSPECTION BY THE DIVISION OF PLANT INDUSTRY, AND SUCH EVIDENCE WILL BE THE BASIS FOR REQUESTING REPLACEMENT OF PLANTS AND FOR LEGAL OR OTHER ACTION TAKEN BY THE DIVISION OF PLANT INDUSTRY ACCORDING TO LAW, SHOULD THIS BECOME NECESSARY.

SITE MAINTENANCE PROGRAM

1. FROM THE NOTICE-TO-PROCEED DATE, A COMPREHENSIVE MAINTENANCE PROGRAM FOR ALL PLANT MATERIALS, IRRIGATION COMPONENTS AND ALL OTHER ITEMS INSTALLED OR TO BE MAINTAINED BY THE CONTRACTOR, SHALL COMMENCE AND CONTINUE DURING THE DURATION OF THE INSTALLATION AND MAINTENANCE PHASES OF THE CONTRACT AND UNTIL FINAL COMPLETION AND ACCEPTANCE BY LEE COUNTY. PLEASE REFER TO THE LANDSCAPE WORK AND SITE MAINTENANCE SECTIONS OF THE SPECIFICATIONS FOR FURTHER INFORMATION.
2. SITE MAINTENANCE TASKS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING TASKS:
   - A. MAINTAIN ALL NEWLY PLANTED MATERIALS BY WATERING, PRUNING, CULTIVATING, FERTILIZING AND WEEDING FOR HEALTHY GROWTH AND WEED FREE PLANTING AND MULCHED AREAS
   - B. RESTORE PLANTING SAUCERS, TIGHTEN AND REPAIR STAKING MATERIALS, RESET TREES OR PALMS TO PROPER GRADE ELEVATION AND VERTICAL POSITION
   - C. LITTER PICKUP AND REMOVAL
   - D. TREAT INSECT AND DISEASE ISSUES IN ORDER TO PROMOTE HEALTHY PLANT GROWTH AND BY UTILIZING INTEGRATED PEST MANAGEMENT, BEST MANAGEMENT PRACTICES AS APPROVED BY THE OWNER'S REPRESENTATIVE.
   - E. MAINTAIN ALL IRRIGATION SYSTEM COMPONENTS IN A FULLY OPERABLE CONDITION. CHECK FOR LINE BREAKS AND LEAKS, CLEAN FILTERS AND BUBBLER SCREENS OF DEBRIS AND CHECK FOR PROPER WATER DISTRIBUTION
   - F. PROVIDE REPORTS TO OWNER'S REPRESENTATIVE DETAILING MAINTENANCE WORK COMPLETED AND OTHER PERTINENT INFORMATION FOLLOWING EACH SITE VISIT
   - G. ROUTINE MOWING OF MEDIANS AND ROADSIDES, UNLESS NOTED OTHERWISE
   - H. EDGING BED LINES AND BACK-OF-CURBS/EDGE OF PAVEMENT
   - I. SOIL TESTING
   - J. REMULCHING
   - K. PLANT REPLACEMENTS

LEE COUNTY LANDSCAPE NOTES

1. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SAFE, SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.
2. CONTRACTOR IS ADVISED TO REFER TO THE SPECIFICATIONS, CONTRACT DOCUMENTS AND PLAN SHEETS FOR A MORE DETAILED DISCLOSURE OF PERFORMANCE STANDARDS AND REQUIREMENTS.
3. THE CONTRACTOR IS CAUTIONED TO BE AWARE OF UNDERGROUND UTILITIES. PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL CONTACT THE JOB SITE SUPERINTENDENT, CALL SUNSHINE, CALL LEE COUNTY UTILITIES AND CALL LEE COUNTY TRAFFIC FOR LOCATIONS OF ALL UTILITIES A MINIMUM OF 48 HOURS BEFORE BEGINNING WORK.
4. ALL SOD SHALL BE SAND GROWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING IN SOD AREAS. HAND RAKE PRIOR TO INSTALLING SOD. CONTRACTOR TO CUT IN AND MATCH NEW SOD TO EXISTING SOD. STAGGER JOINTS AND CLOSE ALL GAPS. ALL SOD TO BE ROLLED IMMEDIATELY AFTER INSTALLATION. ALL SOD SHALL BE CERTIFIED AS BEING FREE OF THE WEED TROPICAL SODA APPLE. (SOLANUM VIARUM)
5. CONTRACTOR SHALL APPLY A MINIMUM OF 2 APPLICATIONS OF APPROVED HERBICIDE TO EXISTING TURFGRASS AREAS WHERE IT WILL BECOME A PLANTED OR MULCHED AREA AS A RESULT OF THIS PROJECT. HERBICIDE MUST BE APPLIED BEFORE COMMENCING ANY GRADING OPERATIONS. CONTRACTOR SHALL REVIEW KILL WITH OWNER'S REPRESENTATIVE FOR APPROVAL ALL HERBICIDES MUST BE APPLIED BY LICENSED APPLICATORS AND PER THE MANUFACTURER'S RECOMMENDED RATES AND INSTRUCTIONS. POST ALL APPLICATION NOTICES.
6. CONTRACTOR SHALL INSTALL ALL SOIL AS REQUIRED BY THE PROJECT. CONSTRUCT ANY BERM TO BLEND IN WITH EXISTING GRADE. ALL SOIL MATERIAL SHALL BE CLEAN SOIL SUITABLE FOR PLANT GROWTH. SUBMIT SOIL SAMPLE TO OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL ALL AREAS TO BE GRADED SHALL RECEIVE A SMOOTH UNIFORM HAND GRADE. NO SOIL IS TO BE PLACED AROUND EXISTING TREES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL EXCESS SOIL AND DEBRIS FROM THE INSTALLATION OF THIS PROJECT, AND IT SHALL TAKEN TO A LAWFUL DISPOSAL SITE.
8. MULCH ALL NEWLY PLANTED AREAS AND AREAS TO RECEIVE MULCH WITH A SETTLED 3 DEPTH OF THE SPECIFIED RECYCLED MULCH. TREES AND PALMS WITHIN AREAS OF TURFGRASS SHALL BE MULCHED TO THEIR DRIPLINE OR STAKES, WHICHEVER IS GREATER. STAKES SHALL BE AT LEAST 6" INSIDE THE MULCHED RING.
9. THE CONTRACTOR SHALL HAND WATER ALL PLANT MATERIAL DAILY UNTIL SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL BE LIABLE FOR REPLACING PLANT MATERIALS EXPERIENCING TRANSPLANT SHOCK OR IMPROPER CARE, AT ANYTIME DURING THE COURSE OF THE CONTRACT PERIOD.
10. CONTRACTOR SHALL REPAIR ANY AREAS DISTURBED DURING THE COMPLETION OF WORK.
11. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR FLORIDA NUMBER 1 OR BETTER AS ESTABLISHED IN "GRADES AND STANDARDS FOR NURSERY PLANTS", STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
12. ALL PLANT MATERIAL MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE. 13, CONTRACTOR SHALL STAKE ALL TREES AND PALMS PER THE STAKING DETAILS. 1 4. ALL TREE RINGS AND MULCHED AREAS EVIDENCING WEED GROWTH SHALL BE SPRAYED WITH THE APPROVED HERBICIDE AT THE MANUFACTURER'S RECOMMENDED APPLICATION RATE. MULCHED AREAS SHALL REMAIN WEED FREE UNTIL FINAL ACCEPTANCE.
15. THE OWNER RESERVES THE RIGHT TO MODIFY PLANT PLACEMENT IN THE FIELD AS CONDITIONS DICTATE.
16. PLANT MATERIAL SHALL BE INSTALLED CONCURRENT WITH THE IRRIGATION BUBBLER SYSTEM. FUNNY PIPE INSTALLED TO MAKE COMPLETE RING AROUND BASE OF TREE, WITH BUBBLERS INSTALLED IN RING. NO STAPLES.
17. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCING ANY WORK.
18. THE ROOT FLAIR AND ORIGIN OF THE FIRST EMERGING ROOT OF THE ROOT BALL SHALL BE 2" ABOVE FINISH GRADE AND VISIBLE AT INSPECTION. IF NOT, THE TREE WILL BE REJECTED.
19. FOR ALL PLANTING AREAS: REMOVE ALL ROADWAY AND COMPACTED MATERIAL FROM MEDIAN PLANTING AREAS; MODIFY THE EXISTING SOIL TO A DEPTH OF AT LEAST 18', ADD A 2"-3" LAYER OF APPROVED ORGANIC MATTER AND THOROUGHLY MIX THE ORGANIC MATTER WITH THE EXISTING SOIL TO A MINIMUM DEPTH OF 4"-6".

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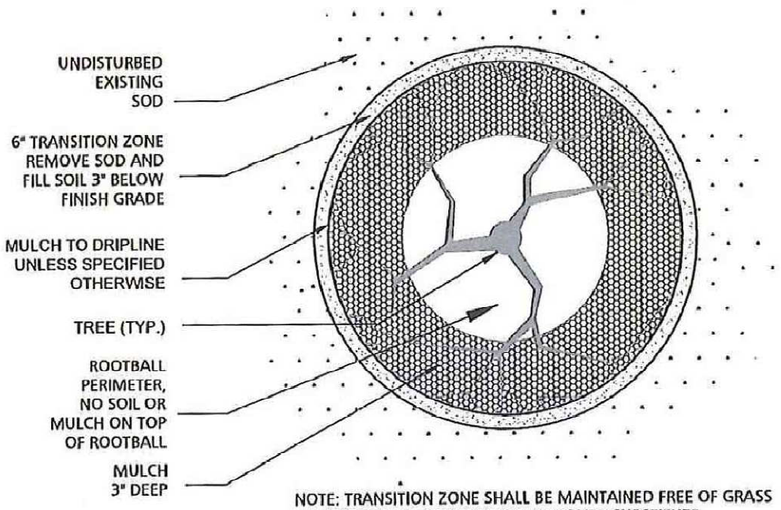
ORTIZ AVENUE WIDENING

LANDSCAPE NOTES

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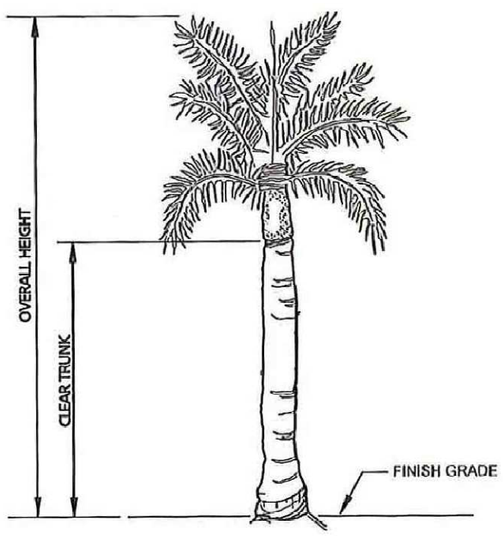
LANDSCAPE DETAILS



NOTE: TRANSITION ZONE SHALL BE MAINTAINED FREE OF GRASS OR WEEDS WITH ROUNDUP OR APPROVED SUBSTITUTE

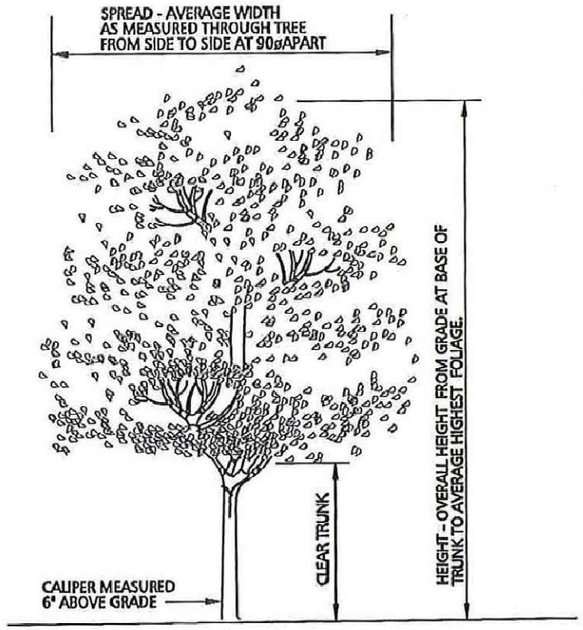
NOTE: SEE PLANS FOR MULCH LOCATION EXTENTS

TREE MULCHING DETAIL



PALM SIZING SPECIFICATION

N.T.S.



TREES WITH SHARP 'Y' SHAPED BRANCHING AT THE TRUNK WILL NOT BE ACCEPTED.

TREE SIZING SPECIFICATION

N.T.S.

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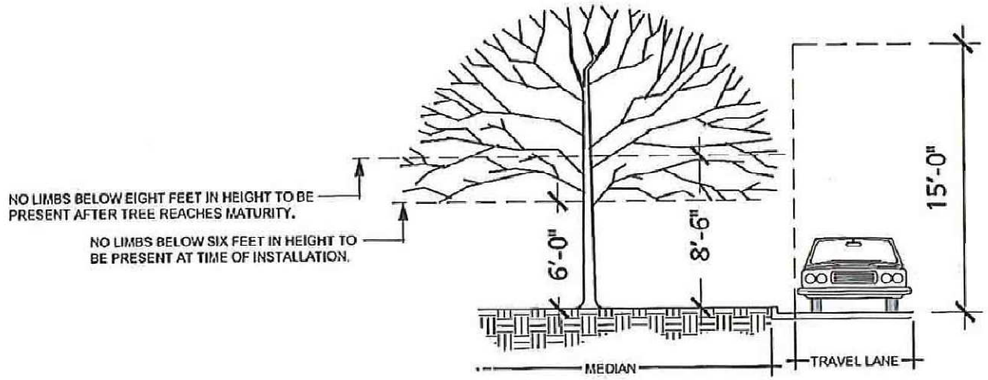
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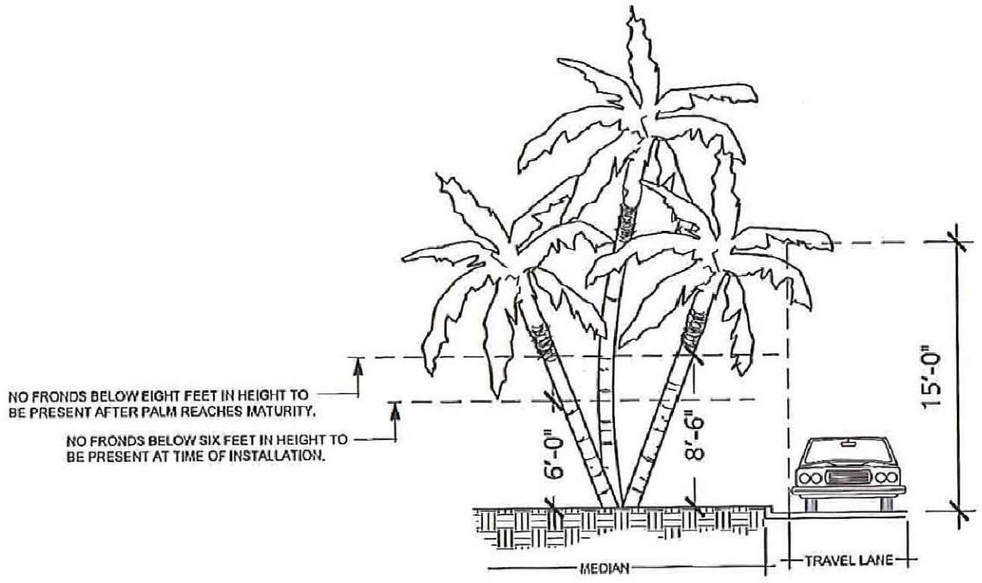
LANDSCAPE DETAILS



1. SELECT SINGLE LEADER & MULTI-TRUNK TREES WITH UPRIGHT GROWTH HABIT AND 6 FEET (6') OF CLEAR TRUNK AT TIME OF PLANTING.
2. PRUNE LOWER LIMBS AFTER TREE MATURES TO REMOVE BRANCHES FROM LOWER PORTION OF TREE, UP TO A HEIGHT OF EIGHT FEET SIX INCHES (8' 6").
3. INSPECT AND PRUNE TREES EACH YEAR FOR FIRST FIVE YEARS OF PROGRAM PLANTING. INSPECT AND PRUNE EVERY OTHER YEAR THEREAFTER AS REQUIRED. MAINTAIN FIFTEEN (15') FEET OF CLEARANCE OVER TRAVEL LANES FOR LIFE OF THE TREE.

ROADSIDE TREE SELECTION AND MAINTENANCE

N.T.S.



1. SELECT SINGLE LEADER & MULTI-TRUNK PALMS WITH UPRIGHT GROWTH HABIT AND 6 FEET (6') OF CLEAR TRUNK AT TIME OF PLANTING.
2. PRUNE LOWER FRONDS AFTER PALM TREE MATURES TO REMOVE FRONDS FROM LOWER PORTION OF PALM, UP TO A HEIGHT OF EIGHT FEET SIX INCHES (8' 6").
3. INSPECT AND PRUNE PALMS EACH YEAR FOR FIRST FIVE YEARS OF PROGRAM PLANTING. INSPECT AND PRUNE EVERY OTHER YEAR THEREAFTER AS REQUIRED. MAINTAIN FIFTEEN (15') FEET OF CLEARANCE OVER TRAVEL LANES FOR LIFE OF THE PALM.

ROADSIDE PALM SELECTION AND MAINTENANCE

N.T.S.

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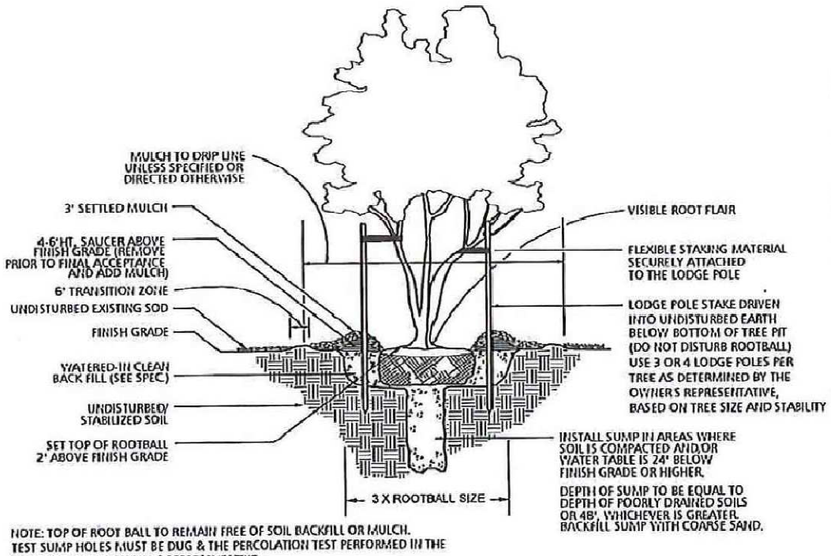
LANDSCAPE DETAILS

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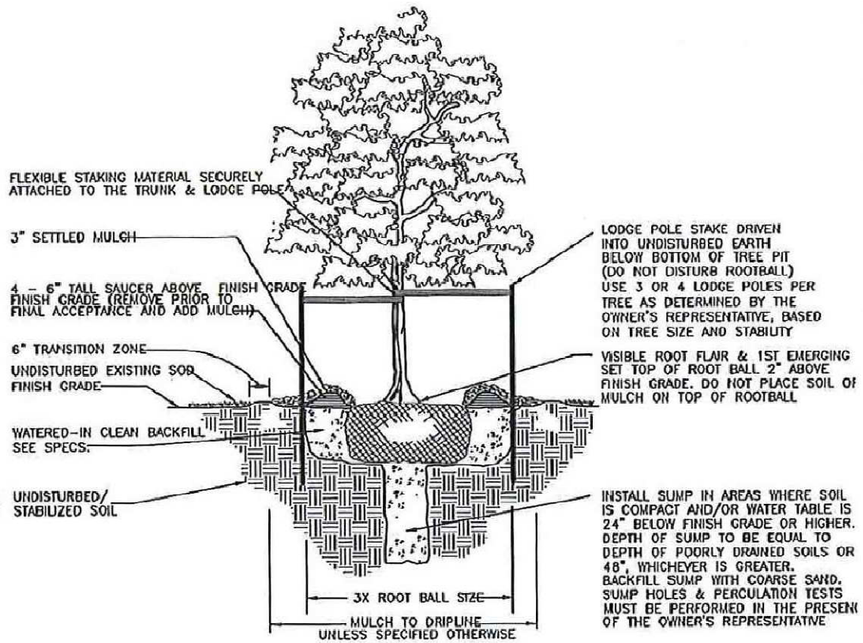
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LANDSCAPE DETAILS



NOTE: TOP OF ROOT BALL TO REMAIN FREE OF SOIL BACKFILL OR MULCH. TEST SUMP HOLES MUST BE DUG & THE PERCOLATION TEST PERFORMED IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE.

MULTI-TRUNK TREE PLANTING DETAIL
N.T.S.



SINGLE TRUNK TREE PLANTING DETAIL
N.T.S.

TREE & PALM PLANTING NOTES

1. PREPARE PLANTING HOLE TO ANSI 300 STANDARDS.
2. INSTALL TREE SUMP PER PLANTING DETAIL.
3. REMOVE EXCESS SOIL FROM TOP OF ROOTBALL, EXPOSING ROOT FLARE AND UPPER MOST ROOTS.
4. PLACE ROOTBALL IN THE HOLE AND STRAIGHTEN PLANT, INSURING THE ROOT FLARE AND TOP ROOT OF THE ROOTBALL IS AT LEAST 2" ABOVE FINISHED GRADE.
5. BALLED AND BURLAPPED MATERIAL:
   a. REMOVE BURLAP AND TWINE/ROPE FROM TRUNK AND TOP OF ROOTBALL.
   b. GENTLY REMOVE ALL NON-BIODEGRADABLE MATERIAL FROM THE ROOTBALL AND PLANT.
   c. WIRE BASKETS: GENTLY BEND DOWN OR REMOVE WIRE FROM TOP OF ROOTBALL AND WHERE IT IS BELOW FINISH GRADE.
6. CONTAINER MATERIAL:
   a. MAKE 3 TO 6 VERTICAL SLICES TO THE INSIDE OF THE ROOTBALL ADJACENT TO THE TRUNK.
   b. MAKE COMPLETE SLICES PARALLEL TO THE SIDES OF THE ROOTBALL, 1"-2" FROM THE EDGE OF THE ROOTBALL AND COMPLETELY AROUND THE PERIMETER OF THE ROOTBALL.
7. BACKFILL 25% OF THE HOLE DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE PLANT IN A VERTICAL POSITION.
8. BACKFILL AN ADDITIONAL 25% OF THE HOLE DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE PLANT IN A VERTICAL POSITION.
9. BACKFILL AN ADDITIONAL 25% OF THE HOLE DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE PLANT IN A VERTICAL POSITION.
10. BACKFILL THE REST OF THE HOLE TO THE TOP OF THE ROOTBALL AND THOROUGHLY WATER IN, MAINTAINING THE PLANT IN A VERTICAL POSITION.
11. ADD 3" OF THE SPECIFIED MULCH FROM THE PERIMETER OF THE ROOTBALL TO THE DRIPLINE, CURB, BED DEMARCATION LINE OR AS NOTED ON THE PLANS.
12. ANY DEVIATION FROM THE ABOVE PROCESS OR IMPROPER HANDLING WILL NOT BE CONSIDERED AS INDUSTRY STANDARDS AND WILL BE CAUSE FOR REJECTION OF WORK.
13. ONLY PLANTS WITH PROPERLY PRUNED ROOT SYSTEMS WILL BE ACCEPTED.
14. BALLED AND BURLAPPED TREES MUST HAVE THEIR CANOPY PROPERLY HARDENED-OFF FOR ACCEPTANCE.
15. TREES WITH CENTER STAKES WILL NOT BE ACCEPTED.

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ORTIZ AVENUE WIDENING

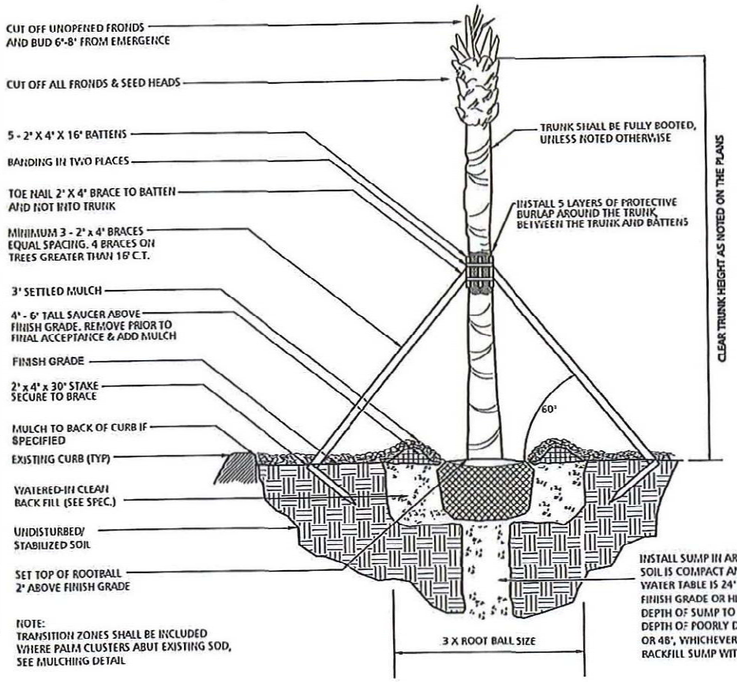
LANDSCAPE DETAILS

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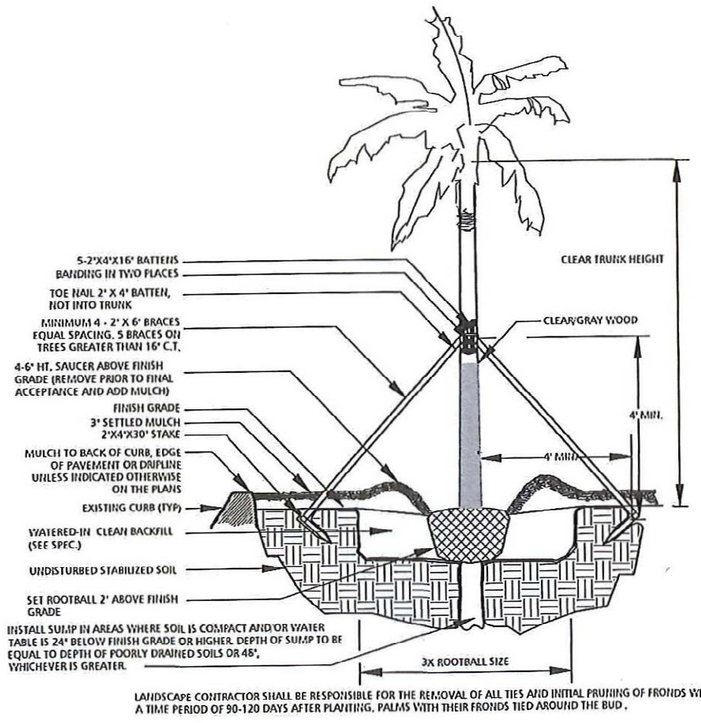
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LANDSCAPE DETAILS



SABAL PALM PLANTING DETAIL

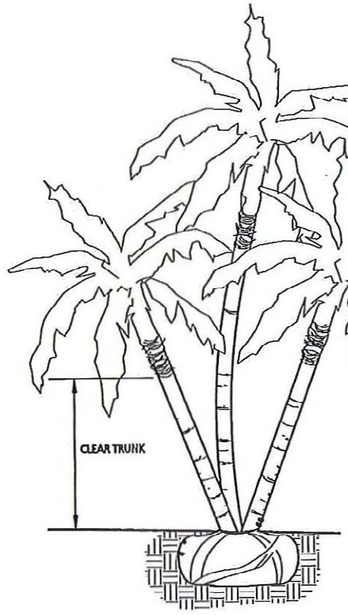
N.T.S.



LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TIES AND INITIAL PRUNING OF FRONDS WITHIN A TIME PERIOD OF 90-120 DAYS AFTER PLANTING. PALMS WITH THEIR FRONDS TIED AROUND THE BUD.

PINNATE PALM PLANTING DETAIL

N.T.S.



STAGGERED OR UNIFORM TRUNKS AS SPECIFIED

PALMS SHALL HAVE FRONDS TIED AROUND BUDS. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TIES AND INITAL PRUNING OF FRONDS WITHIN A TIME PERIOD OF NINETY (90) TO ONE HUNDRED TWENTY (120) DAYS AFTER PLANTING.

REFER TO SPECIFICATIONS FOR OTHER NOMENCLATURE, ABBREVIATIONS AND QUALITY REQUIREMENTS.

WIRE AND BURLAP BALLS AS NECESSARY FOR GIVEN SPECIMEN.

MULTI-STEM PALMS

N.T.S.

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IRRIGATION SCHEDULE

PAY ITEM #	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
580-003-1	25 50 10 20	Hunter PCB-R 10 Flood Bubbler, 1/2" FIPT. With Purple Cap for Reclaimed Water Use.	262 ~~304~~	1
SYMBOL		**MANUFACTURER/MODEL/DESCRIPTION**	**QTY**	**DETAIL**
580-003-2		Rain Bird 300-BPE-NP-HAN Globe 3" 3" Brass Electric Remote Control Valve, with Globe Configuration. With Purple Flow Control Handle for Non-Potable Water Applications.	1	
580-003-3		Rain Bird PESBR 2" 1", 1-1/2", and 2" Durable Chlorine-Resistant Valves for Reclaimed Water Applications. With Scrubber Mechanism Technology, and Purple Flow Control Handle.	~~6~~ 5	1
580-003-4		Gate Valve Mainline Purge	4	
580-003-13	C	Hunter A2C-75D-M 1 2-Wire Decoder Controller with 75 station capacity, metal cabinet.		1
	RS	Hunter CLIK-DELAY When installed with a Rain-Clik rain sensor, the Hunter Clik-Delay is designed to delay controller activation for 48 hours after the rain has stopped.	1	/
580-003-14	CD	Hunter ICD-100 Single Station Decoder w/Surge Suppression and Ground Wire	~~6~~ 5	/ 1
580-003-19 580-003-20	VB	Valve Box Carson specification grade valve box: -Round 10", purple box/purple lid overlapping RWDNDES. -Rectangle, 14"x 19"x12", purple lid, overlapping RWDNDES;	4 ~~3~~ 6	
580-003-6	GP	Grounding Plate Copper Ground Plate with welded insulated conductor. Paige Electric part number 182199IC, 4"x96"x6AWG 25' wire. Surge protection for Two-Wire Satellite and Decoder Systems.	3	
580-003-5	PB	Pull Box	8	
580-003-15		Electrical Conduit		
	IRRIGATION WELL	Point of Connection 6" IRRIGATION WELL	1	
580-003-16	ELEC. SERV.	Electric Service	1.0	
580-003-17		Pump Station	1.0	
580-003-18	———	Control Wire: 2-Wire System, 12-AWG wires	4,610 l.f.	
580-003-7	- - - - - - - - - - - -	Irrigation Lateral Line: PVC Class 200 SDR 21-NP 1"	3,730 l.f.	
580-003-8	- - - - - - - - - - - -	Irrigation Lateral Line: PVC Class 200 SDR 21-NP 1 1/4"	1,420 l.f.	
580-003-9	- - - - - - - - - - - -	Irrigation Lateral Line: PVC Class 200 SDR 21-NP 1 1/2"	1,180 l.f.	
580-003-10	- - - - - - - - - - - -	Irrigation Lateral Line: PVC Class 200 SDR 21-NP 2"	1,440 l.f.	
580-003-11	- - - - - - - - - - - -	Irrigation Lateral Line: PVC Class 200 SDR 21-NP 2 1/2"	560.1 l.f.	
580-003-12	—— — —— —	Irrigation Mainline: PVC Class 200 SDR 21-NP 3"	4,400 l.f.	
591-000-001	= = = = = = = =	Pipe Sleeve: HDPE PE4710 DR 13.5	SEE DIRECTIONAL BORE LIST THIS SHEET	1
591-000-002	- - - - - - - - - - - -	2" GRAY PVC SCH 40 IRRIGATION ELECTRICAL CONDUIT	4,400 l.f.	

Reference Landscape Note #16 and Reference Irrigation Note #19.

DIRECTIONAL BORE LIST

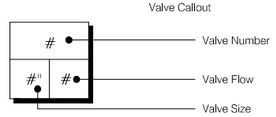
Number	Item	Quantity	Unit
555-000	DIRECTIONAL BORES		
555-000-01	DIRECTIONAL BORE 2"	545.0	L.F.
555-000-02	DIRECTIONAL BORE 3"	280.0	L.F.
555-000-03	DIRECTIONAL BORE 4"	170.0	L.F.
555-000-04	DIRECTIONAL BORE 6"	480.0	L.F.
555-000-05	DIRECTIONAL BORE 8"	80.0	L.F.

IRRIGATION NOTE:

- WELL AND POWER SOURCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

LEE COUNTY BUFFER IRRIGATION NOTE:

- CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF IRRIGATION COMPONENTS TO SUPPLY LEE COUNTY E.O.C. RELOCATED OR REPLACED BUFFER VEGETATION WITH SUPPLEMENTAL WATER.
- SUPPLY VALVES EXIST FOR SUPPLY TO THE BUFFER PLANTINGS AND SHOULD BE RETAINED TO THE GREATEST EXTENT FEASIBLE FOR REPURPOSING.



NOTE:
CONTRACTOR TO VERIFY ALL QUANTITIES PRIOR TO BIDDING.

PIPE SIZING CHART

SCHEDULE 40 GPM	SIZE
1-13	1"
14-22	1-1/4"
23-30	1-1/2"
31-50	2"
51-70	2-1/2"

Flows shall maintain velocities of less than 5 feet per second

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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IRRIGATION TABULATION OF QUANTITIES

SHEET NO. 5

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LEE COUNTY IRRIGATION NOTES

1. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE PROJECT MANAGER AND THE LANDSCAPE ARCHITECT. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS -- CONTRACTOR SHALL VERIFY.
2. ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE WITHIN SLEEVES AS NOTED. LATERAL LINES SHALL BE CONTAINED WITHIN THEIR OWN SLEEVE WHERE SHOWN ON THE PLAN. ALL HDPE SLEEVES SHALL HAVE LOCATOR BALLS PLACED NO DEEPER THAN FOUR FEET (4') BELOW FINISHED GRADE.
3. IRRIGATION COMMUNICATION CABLE SHALL HAVE ITS OWN SEPARATE SLEEVE. ALL CONTROL WIRE CONDUIT SHALL BE A MINIMUM OF TWO INCH (2") DIAMETER.
4. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR, WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF EACH SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.
5. MAINLINE AND VALVES ARE SHOWN IN SCHEMATIC FORM. LOCATE AS NOTED ON PLANS.
6. LOCATED ALL VALVES A MINIMUM OF 60" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.
7. ALL UNSIZED PIPE SHALL BE 1" UNLESS OTHERWISE NOTED.
8. ALL VALVES SHALL BE INSTALLED IN CARSON SPECIFICATION GRADE VALVE BOX, RECTANGLE 14"X 19"X12".
9. IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO THE COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
10. VERIFY MAINLINE POINT OF CONNECTION AND ELECTRICAL POWER LOCATION AT PROJECT SITE WITH OWNER.
11. USE ONLY PAIGE ELECTRIC P7072D - 180160 12 AWG BLACK COMMUNICATION CABLE TO BE LAID ALONG SIDE OF IRRIGATION MAINLINE WHERE APPLICABLE. ID2BLU CABLE FOR ALL ROUTING OF CONTROLLER. PAIGE ID20RG 12 AWG COMMUNICATION CABLE TO BE LAID ALONG SIDE OF IRRIGATION MAINLINE WHERE APPLICABLE. ID20RG CABLE FOR ALL ROUTING SOUTH OR EAST OF CONTROLLER.
12. ALL CONNECTIONS TO THE FIELD DECODERS ALONG THE 2-WIRE PATH SHALL BE ACCOMPLISHED VIA THE USE OF 3M DBR-6 WIRE CONNECTORS. THIS ALSO INCLUDES ALL GROUND RODS AND THE CONNECTION TOT HE CONTROLLER. CONTRACTOR SHALL FOLLOW MANUFACTURE'S INSTALLATION SPECIFICATIONS.
13. DURING INSTALLATION AND UPON COMPLETION OF THE IRRIGATION SYSTEM, VALVES SHALL BE WIRED TO THE CONTROLLER STATION AS PER THE IRRIGATION ZONE NUMBERS.
14. ALL CONNECTIONS TO THE IRRIGATION MAINLINE SHALL BE ACCOMPLISHED VIA THE USE OF DUCTILE IRON SERVICE TEES. ALL CHANGES IN DIRECTION OF THE MAINLINE SHALL BE ACCOMPLISHED VIA THE USE OF DUCTILE IRON 45 DEGREE ELBOWS.
15. CONTRACTOR SHALL INSTALL METALIZED IDENTIFICATION TAPE ABOVE ALL IRRIGATION MAINLINES AS SHOWN ON THE TRENCHING DETAIL.
16. NOT USED
17. NSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.
18. PRODUCTS SHALL BE AS SPECIFIED.
19. PLANT MATERIAL SHALL BE INSTALLED CONCURRENT WITH THE IRRIGATION BUBBLER SYSTEM. FUNNY PIPE INSTALLED TO MAKE COMPLETE RING AROUND BASE OF TREE, WITH BUFFLERS INSTALLED IN RING. NO STAPLES.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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ORTIZ AVENUE WIDENING

IRRIGATION NOTES AND DETAILS

SHEET NO. 6.0

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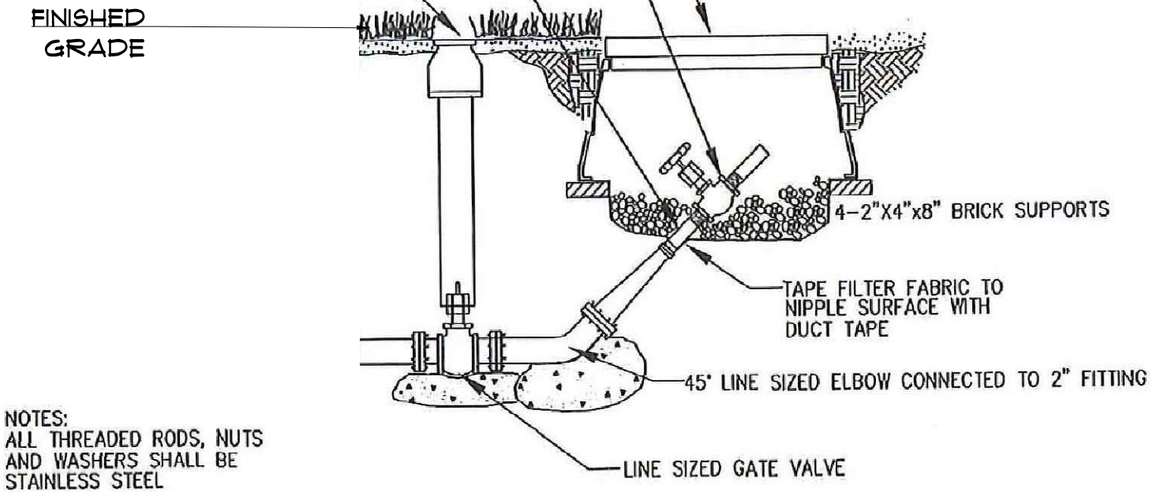
CARSON SPEC. VALVE BOX, RECTANGLE 14"X19"X12"HT. W/ PURPLE LID, OVERLAPPING RWDNDES.

SET ON BRICK SUPPORTS (4). PROVIDE NON-WOOVEN FILTER FABRIC WITH 4" LAYER OF PEA GRAVEL ON TOP OF FILTER FABRIC. TAPE FILTER FABRIC TO EXTERIOR OF VALVE BOX WITH DUCT TAPE, PROVIDE A 4" OVERLAP FROM BOTTOM OF BOX. BOX SHALL BE SET FLUSH AND LEVEL WITH GRADE.

1 1/4" RED & WHITE GATE VALVE. PROVIDE 6" LONG NIPPLE AT OUTLET VALVE INLET SIZED SCH 40 PVC THREADED NIPPLE CONNECTED TO VALVE.

CUT OFF THREADED END AT FLANGED CONNECTION END AND SOLVENT WELD TO FLANGE.

CDR VALVE BOX, A10-1015-12 WITH 6" SCH PVC SLEEVE DOWN TO VALVE. SLEEVE SHALL NOT BEAR ON VALVE

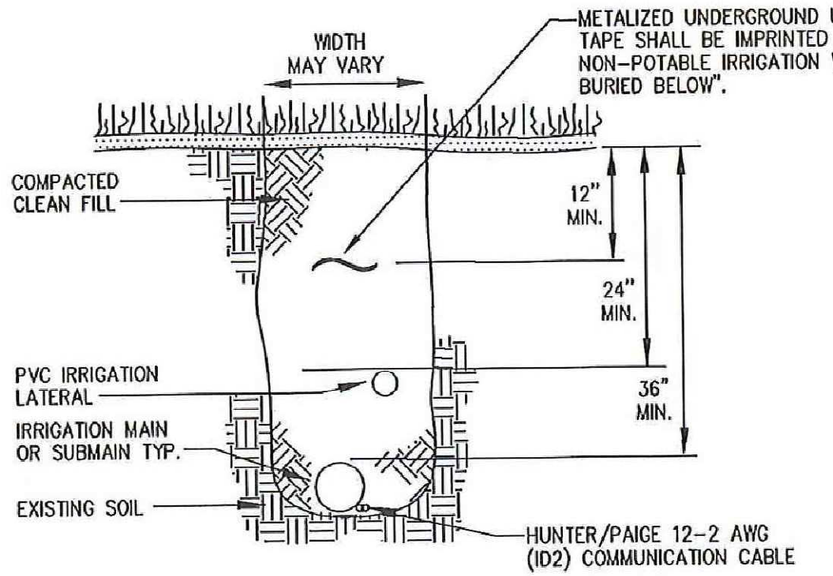


NOTES:
ALL THREADED RODS, NUTS AND WASHERS SHALL BE STAINLESS STEEL

OPEN AND SLOWLY CLOSE THE VALVES DURING FLUSHING. OPEN 1 1/4" VALVE FIRST, THEN OPEN LARGER VALVE. USE A MINIMUM TIME OF 30 SECONDS FOR OPENING OR CLOSING EACH VALVE UNDER PRESSURE

IRRIGATION MAINLINE BLOW-OFF INSTALLATION

NTS



TRENCHING DETAIL

NTS

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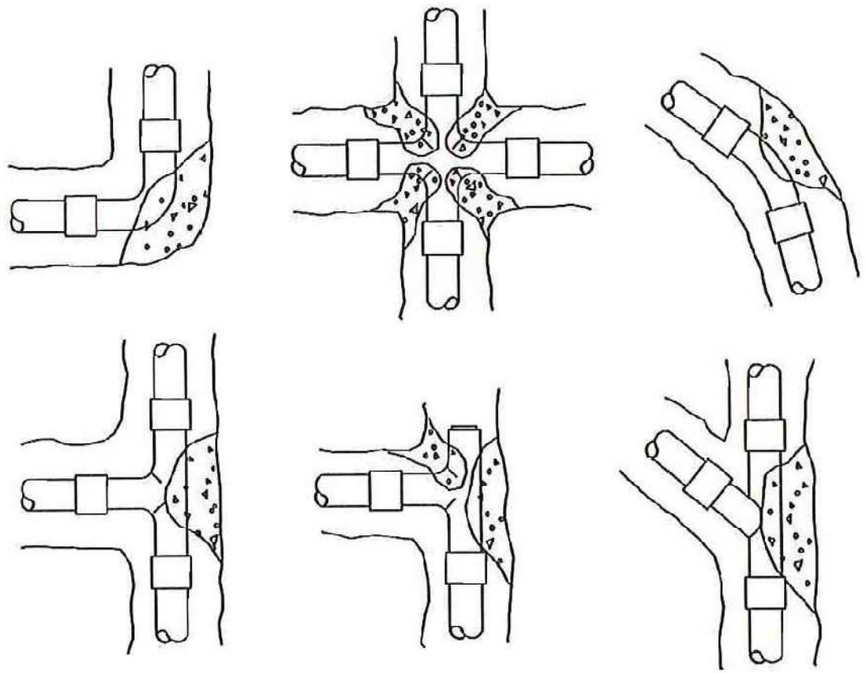
IRRIGATION DETAILS

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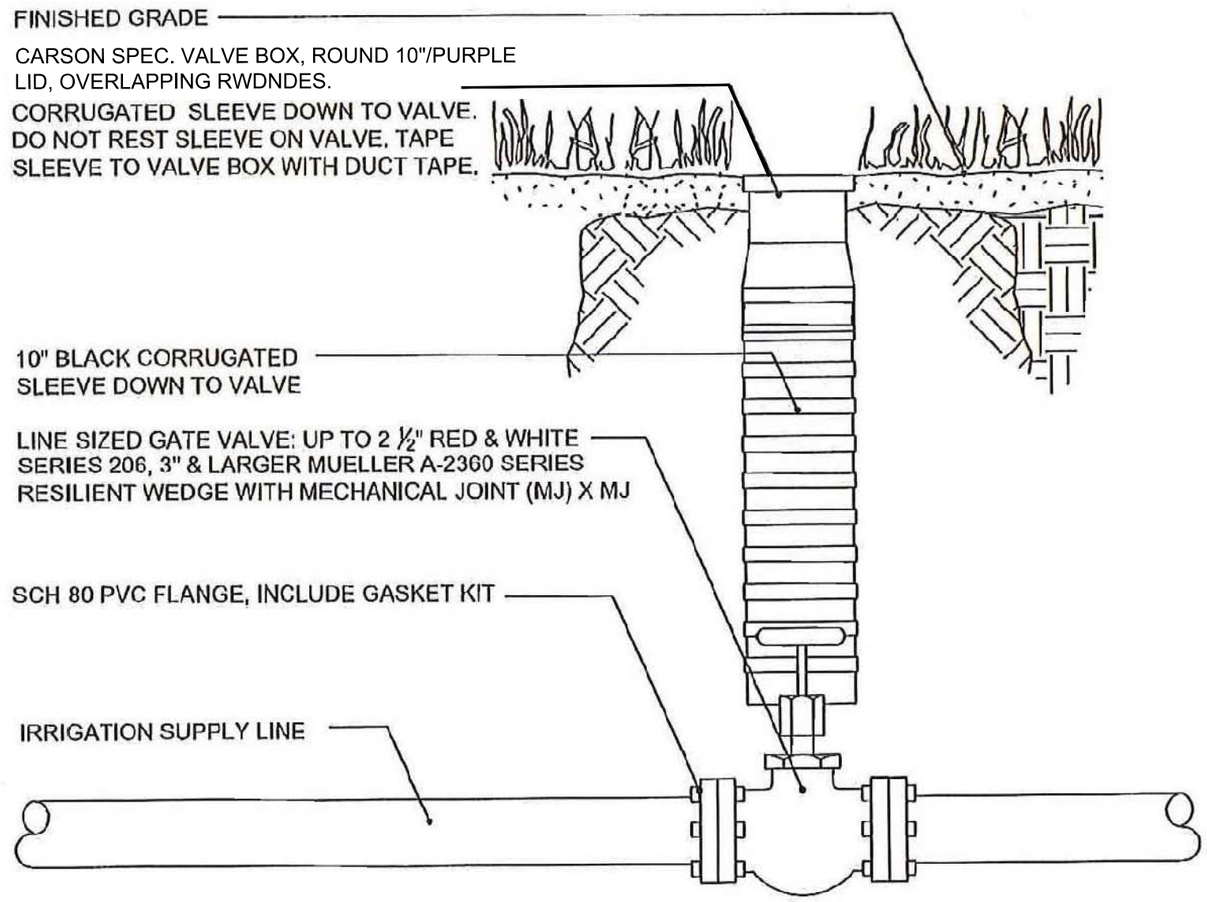
INSTALLATION NOTES

1. 3000 PSI CONCRETE OR BETTER IS TO BE USED FOR THRUST BLOCKS.
2. FOR 45'/90' FITTINGS, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
3. FOR 22-1/2' FITTINGS, MINIMUM OF 0.5 CUBIC FEET OF CONCRETE TO BE USED.
4. FOR TEES, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.

THRUST BLOCKS REQUIRED FOR IRRIGATION MAINLINE 2" AND LARGER.

THRUST BLOCK REINFORCEMENT

NTS



MAINLINE ISOLATION VALVE DETAIL

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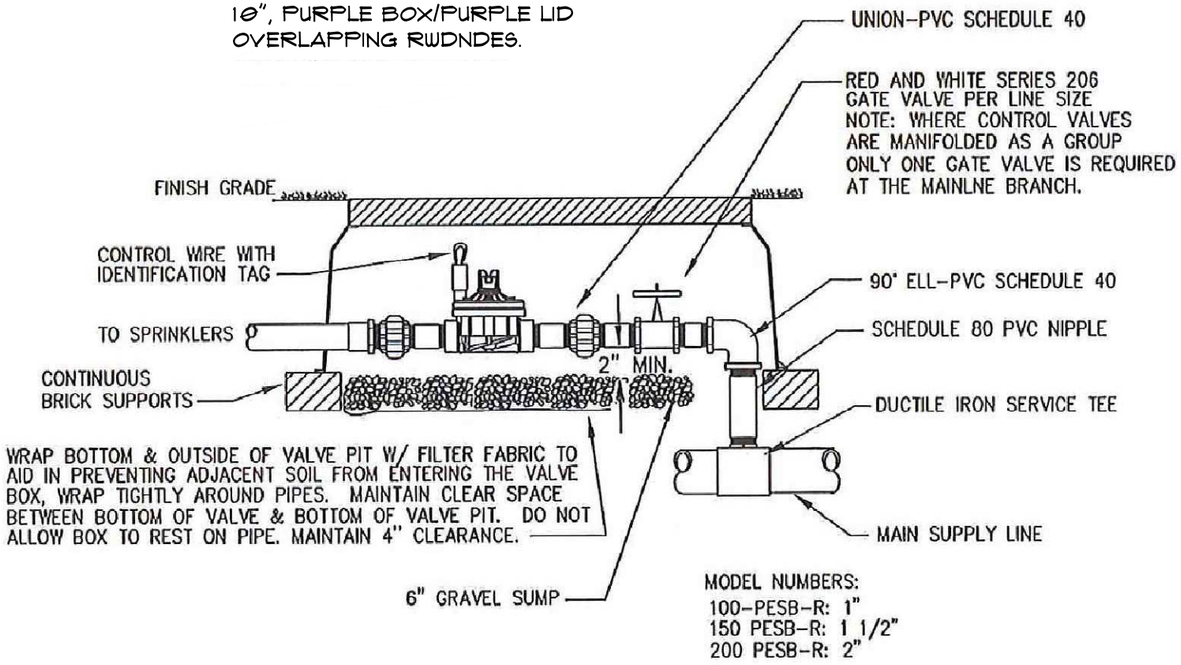
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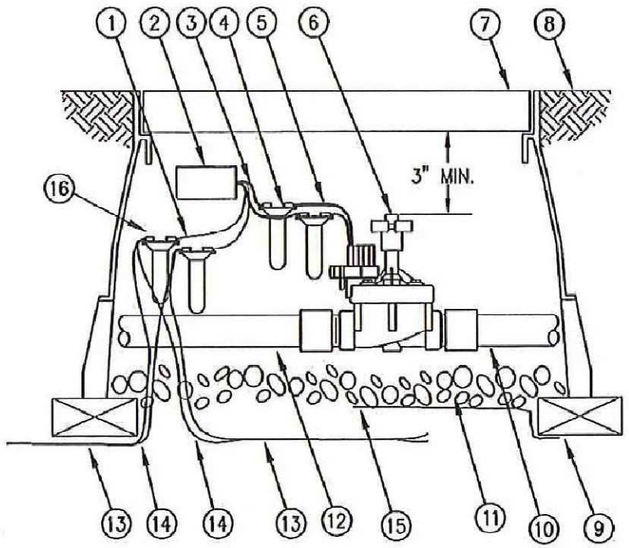
IRRIGATION DETAILS

CARSON SPECIFICATION GRADE VALVE BOX: RECTANGLE, 14"X 19"X12", PURPLE LID, OVERLAPPING RWDNDES; ROUND 10", PURPLE BOX/PURPLE LID OVERLAPPING RWDNDES.



RAIN BIRB PESB-R SERIES CONTROL VALVE

NTS



1. WIRE FROM ICD 100 DECODER (1 OF 2)
2. ICD 100 DECODER
3. WIRE FROM ICD 100 DECODER (1 OF 2)
4. 3M DBR-6 CONNECTORS
5. 5' MIN. LENGTH OF 12–2 GAUGE SOLENOID WIRE
6. REMOTE CONTROL VALVE
7. CARSON SPEC. VALVE BOX, RECTANGLE 14"x19"x12"Ht., PURPLE BOX/PURPLE LID, OVERLAPPING RWDNDES
8. FINISH GRADE / TOP OF MULCH
9. BRICK (1 OF 4)
10. PVC MAINLINE PIPE
11. 6" GRAVEL SUMP
12. PVC LATERAL PIPE
13. TWO–WIRE CABLE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, ACC CONTROLLER)
14. COMMUNICATION WIRE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, OR ACC CONTROLLER)
15. LANDSCAPE FABIC LINING BOTTOM OF VALVE BOX
16. 3M DBR–6 WIRE CONNECTORS

ICD 100 DECODER CONNECTION TO VALVE

NTS

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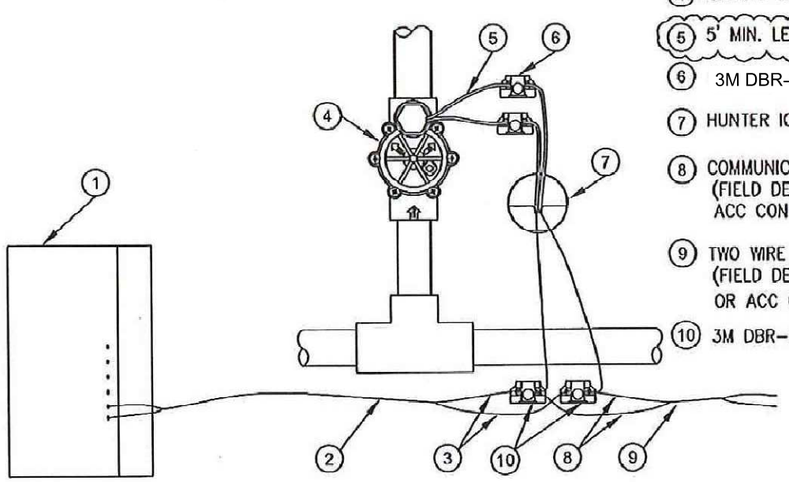
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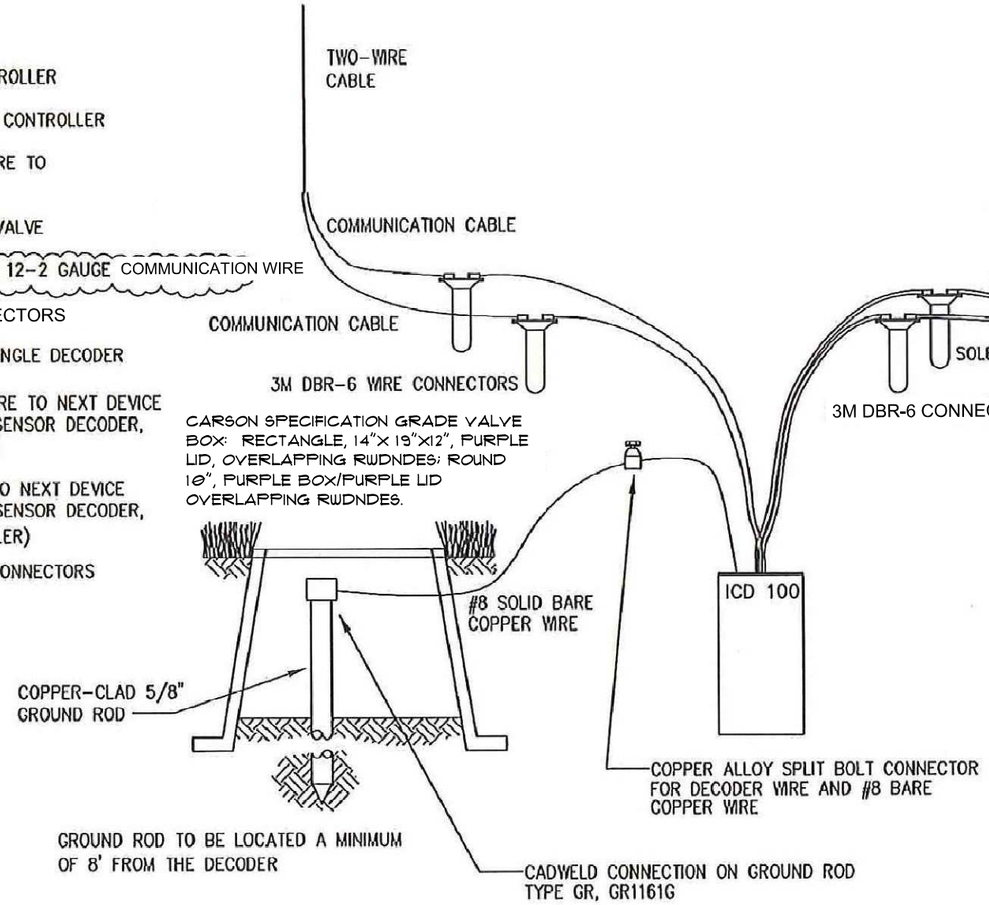
IRRIGATION DETAILS



1. HUNTER ACC CONTROLLER
2. TWO-WIRE TO ACC CONTROLLER
3. COMMUNICATION WIRE TO ACC CONTROLLER
4. REMOTE CONTROL VALVE
5. 5' MIN. LENGTH OF 12-2 GAUGE COMMUNICATION WIRE
6. 3M DBR-6 CONNECTORS
7. HUNTER ICD 100 SINGLE DECODER
8. COMMUNICATION WIRE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, ACC CONTROLLER)
9. TWO WIRE CABLE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, OR ACC CONTROLLER)
10. 3M DBR-6 WIRE CONNECTORS

ICD 100 DECODER WIRING TO VALVE AND CONTROLLER

NTS



ICD 100 DECODER WIRING DIAGRAM

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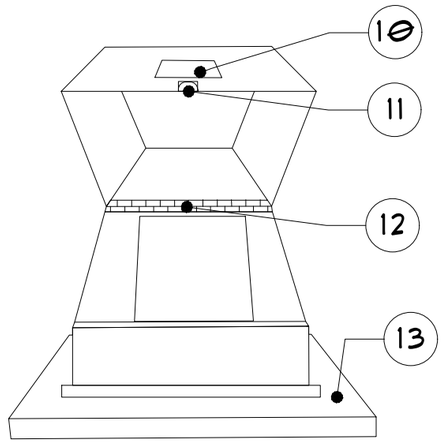
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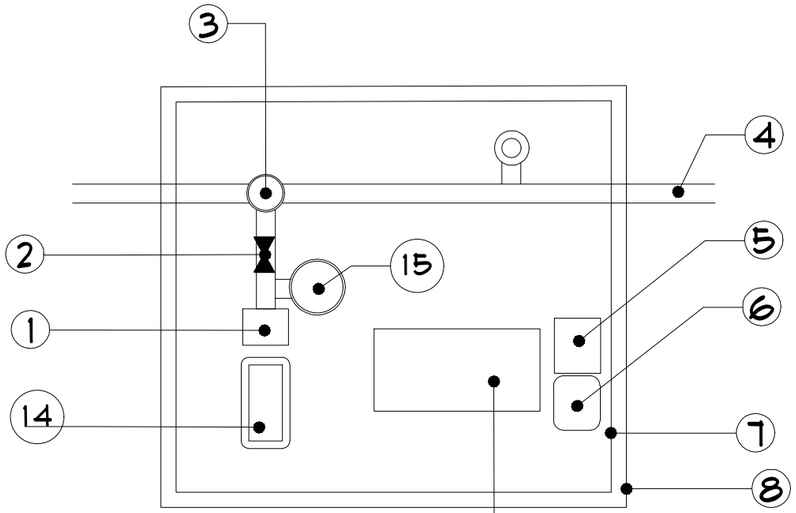
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IRRIGATION DETAILS



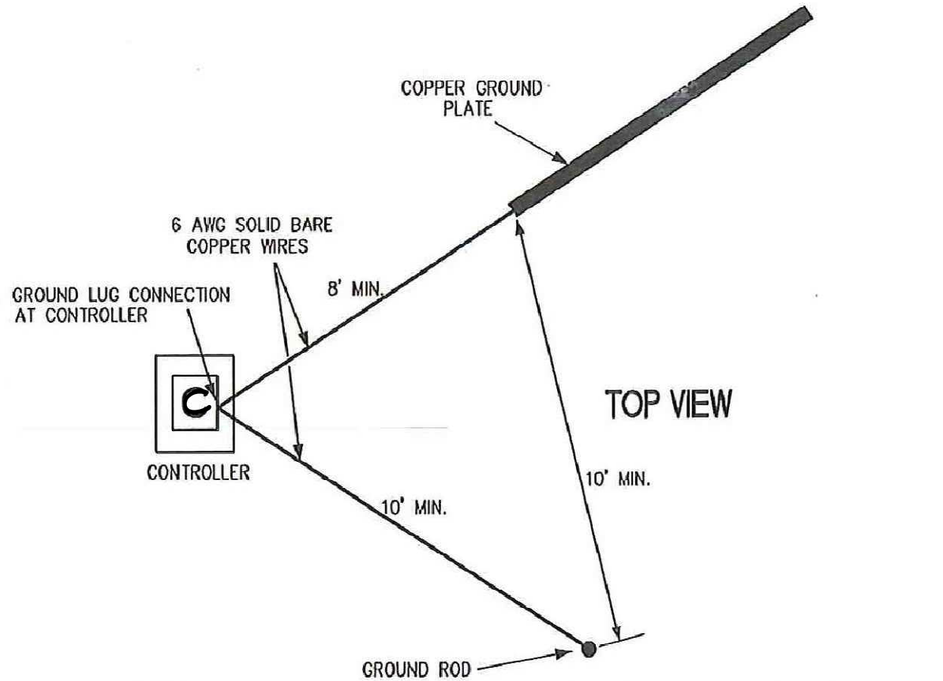


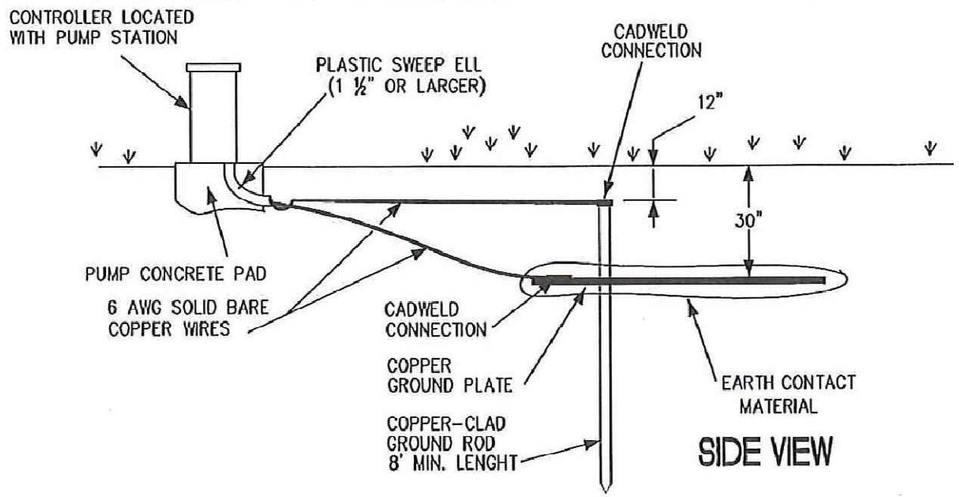
PUMP PERFORMANCE TO BE DETERMINED BASED ON WELL PRODUCTION AND WATER USE PERMIT, BY OTHERS.

NOTES:

1) 6" WELL
2) ISOLATION VALVE
3) DUCTILE IRON SERVICE TEE
4) MAINLINE
5) CONTROLLER - HUNTER IRRIGATION CONTROLLER, ACC-P2P-LTE MODULE
6) RAIN SENSOR
7) 55"W X 64"L X 52"H FOREST GREEN FIBERGLASS FLIP TOP COVER
8) 60"W X 76"L WELDED ALUMINUM FRAME
9) UL LISTED CONTROL PANEL IN A FIBERGLASS ENCLOSURE WITH FAULT RESET/DETECTION, LOSS OF PRIME, LOW AND HIGH PRESSURE, AND TRANSIENT SURGE PROTECTION .
10) 8" X 16" VENT (FRONT AND REAR)
11) STAINLESS STEEL LOCKABLE HASP
12) STAINLESS STEEL HINGE AND HARDWARE
13) 5'W X 7'L X 4"T CONCRETE SLAB
14) YASKAWA VFD
15) PRESSURE TANK

WELL ENCLOSURE WITH IRRIGATION CONTROLLER





GROUNDING PLATE DETAIL

NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DMJA
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LANDSCAPE ARCHITECTS • SITE PLANNERS

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

IRRIGATION DETAILS

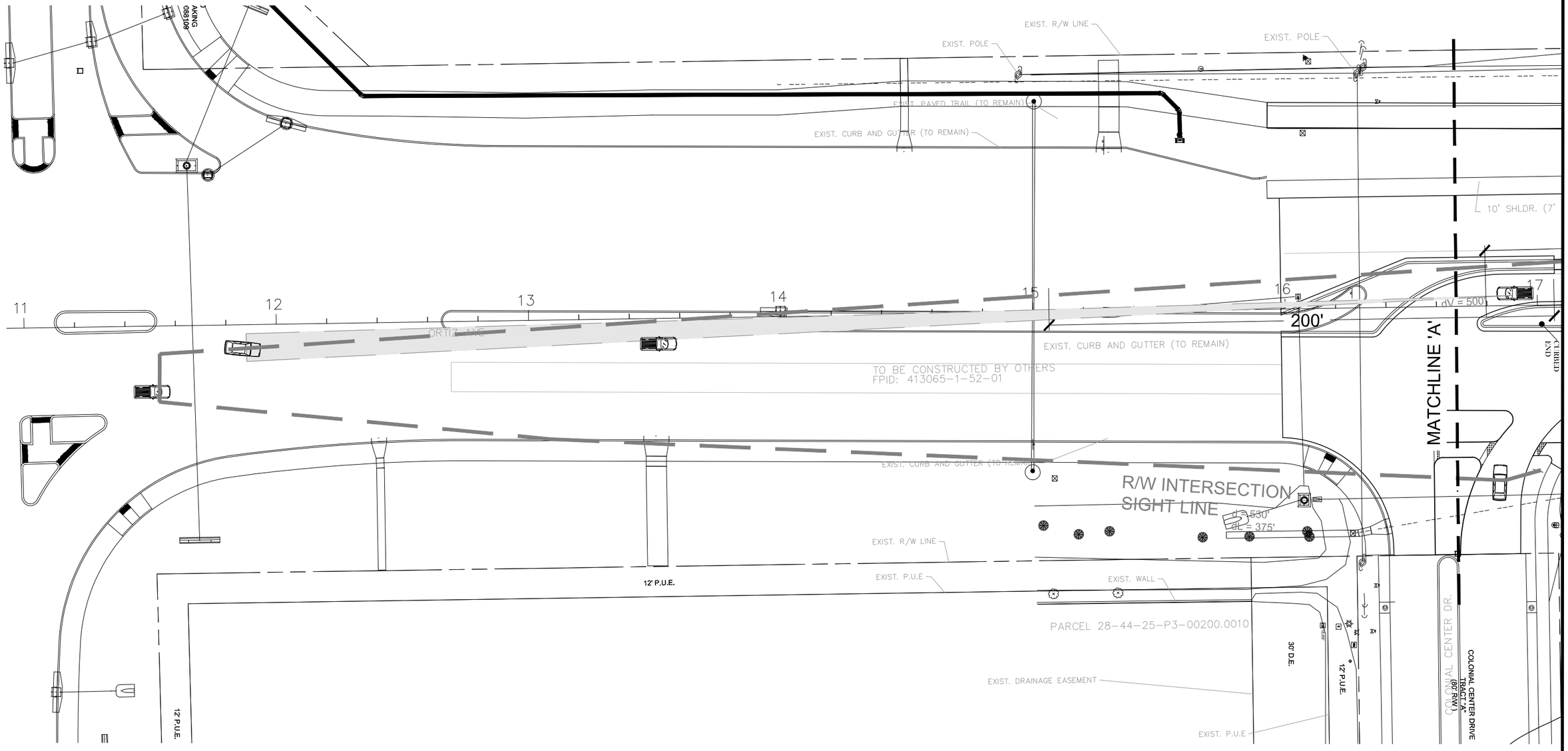
SHEET NO.
6.5

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COLONIAL BLVD., SR 882



45 MPH DESIGN SPEED

1 Refer to Roadway Plans for sodding.

0' 20' 40' 80'

SCALE: 1" = 40'

W S N E

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

LANDSCAPE PLAN

SHEET NO. 7

$USER$ $DATE$ $TIME$ $FILE$

EXIST. POLE
EXIST. POLE
EXIST. POLE
EXIST. R/W LINE
SWALE BOTTOM
SWALE BOTTOM
SD-1
EXIST. SIGN
R/W INTERSECTION SIGHT LINE
d = 530'
dL = 375'
10' PAVED TRAIL
10' PAVED TRAIL
10' SHLDR. (7' PAVED)
10' SHLDR. (7' PAVED)
3 - PTY ELE
ORTIZ AVE. SB
200'
ORTIZ AVE. SB
17
18
19
20
21
22
dV = 500'
4' SHLDR. (2' PAVED)
4' SHLDR. (2' PAVED)
CURBED END
ORTIZ AVE. NB
ORTIZ AVE. NB
5 - THR RAD
MATCHLINE 'A'
R/W INTERSECTION SIGHT LINE
dR = 130'
dM = 485'
10' SHLDR. (7' PAVED)
10' SHLDR. (7' PAVED)
POND TOB 18193.
POND BOTTOM EL. 19.6
POND 1
CS-1
S-1
S-1A
MATCHLINE 'B'
ENTER DR.
TRACT "B-1" COMMON AREA & P.
EXIST. CONSERVATION EASEMENT
PARCEL 28-44-25-P3-1400D.00CE
EXIST. DRAINAGE EASEMENT
PARCEL 28-44-25-P3-1400D.00CE EXIST. CONSERVATION EASEMENT
EXIST. DRAINAGE EASEMENT
EXIST. CATCH BASIN

1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

45 MPH DESIGN SPEED

0' 20' 40' 80'

SCALE: 1" = 40'

W S N E

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

LANDSCAPE PLAN

SHEET NO. 8

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EXIST. R/W LINE
EXIST. POLE
10' PAVED TRAIL
6' SHLDR. (2' PAVED)
EXIST. POLE
EXIST. R/W LINE
EXIST. POLE
10' SHLDR. (5' PAVED)
MATCHLINE 'C'
ORTIZ AVE. SB
200'
200'
CURB END
CURB END
23
24
25
26
27
dV = 500'
dV = 500'
dV = 500'
4' UNPAVED SHLDR.
3 - THR RAD
8' SHLDR. (4' PAVED)
6' SHLDR. (2' PAVED)
10' SHLDR. (5' PAVED)
ORTIZ AVE. NB
MATCHLINE 'B'
POND BOT 7075.93 SF
POND BOTTOM EL. 19.6
R/W INTERSECTION SIGHT LINE
dL = 530'
dL = 375'
R/W INTERSECTION SIGHT LINE
dR = 130'
dM = 485'
CHURCH ENTRANCE
POND 3
25
20
EXIST. DRAINAGE EASEMENT / PROP. SLOPE EASEMENT
EXIST. CONSERVATION EASEMENT
BASIN
PARCEL 23-44-25-P3-14000.00CE
EXIST. FENCE
EXIST. LIGHT POLE
EXIST. R/W LINE
GRANT OF 20' DRAINAGE EASEMENT TO CITY OF FORT MYERS INST. 2006000228821, L.C.R.

1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

45 MPH DESIGN SPEED

0' 20' 40' 80'
SCALE: 1" = 40'

W S N E

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

LANDSCAPE PLAN

SHEET NO. 9

$USER$ $DATE$ $TIME$ $FILE$

)000

IST. R/W LINE

EXIST. POLE

EXIST. POLE

EXIST. POLE

EXIST. POLE

EXIST. R/W LINE

10' PAVED TRAIL

10' PAVED TRAIL

MATCHLINE 'C'

3 - PTY ELE

AVE. SB

ORTIZ AVE. SB

10' SHLDR. (5' PAVED)

4' SHLDR. (2' PAVED)

29

30

31

32

33

34

35

POLE

4 - PTY ELE

2 - PTY ELE

MATCHLINE 'D'

NB

ORTIZ AVE. NB

5 - THR RAD

ND 3

POND TOB 7249.62 SF

POND BOT 1550.76 SF

POND BOTTOM EL. 19.6

R/W INTERSECTION SIGHT LINE

d = 530'

dl = 375'

POND TOB 2899.44 SF

POND BOT 534.69 SF

POND 3

POND BOTTOM EL. 19.6

EXIST. R/W LINE

EXIST. R/W LINE

EXIST. R/W LINE

EXIST. DRAINAGE EASEMENT

SCOFIELD ST.

EXIST. LIFT STATION

PARCEL 28-44-25-P3-1400A.0000

PARCEL 28-44-25-P3-00101.0010

PARCEL 28-44-25-P3-00101.0010

EXIST. R/W LINE

EXIST. R/W LINE

1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

45 MPH DESIGN SPEED

0' 20' 40' 80'

SCALE: 1" = 40'

W S N m

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

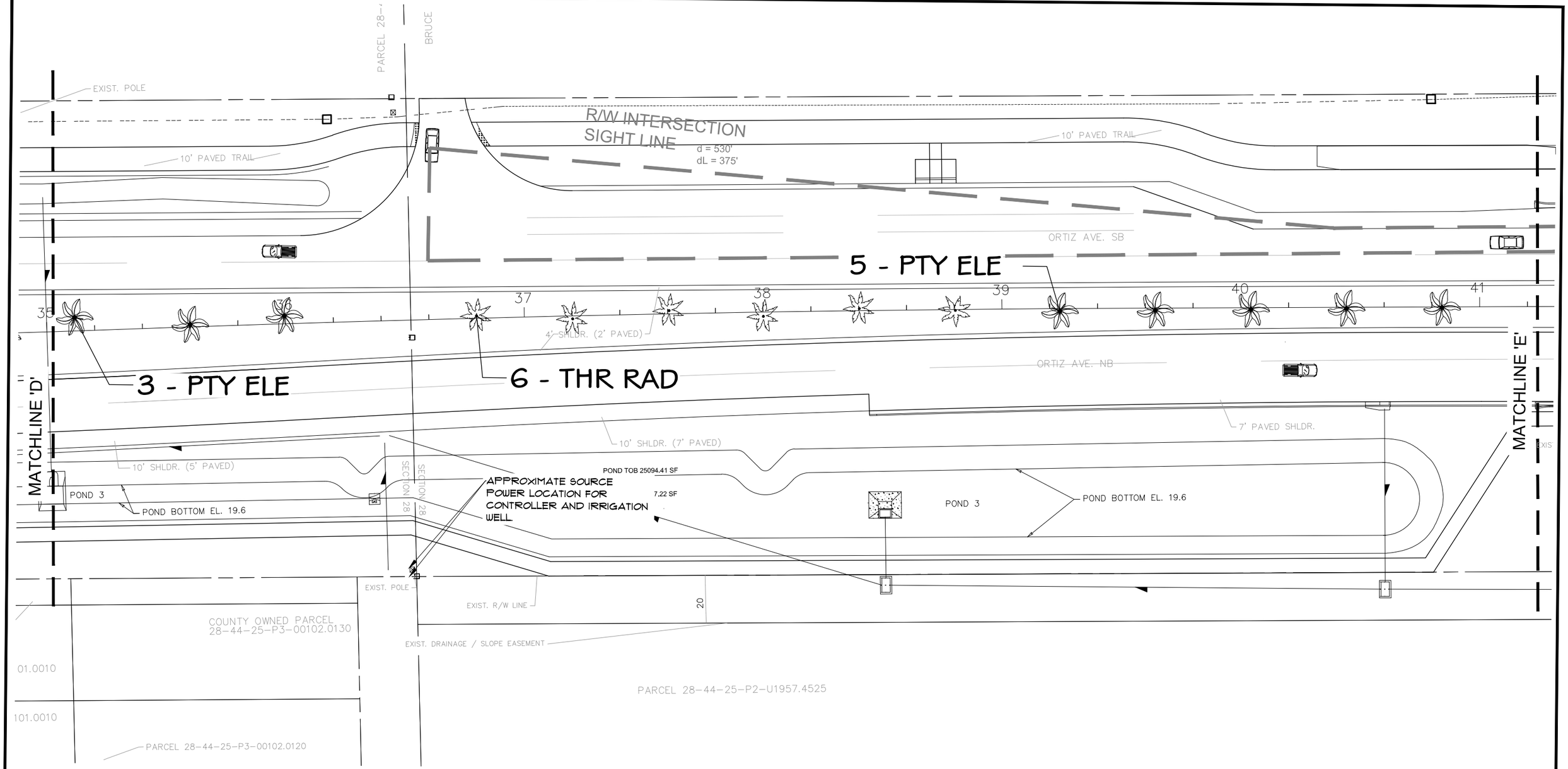
LANDSCAPE PLAN

SHEET NO. 10

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45 MPH DESIGN SPEED

1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

0' 20' 40' 80'

SCALE: 1" = 40'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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LANDSCAPE ARCHITECTS • SITE PLANNERS

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

LANDSCAPE PLAN

SHEET NO. 11

$USER$ $DATE$ $TIME$ $FILE$

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EXIST. FENCE
EXIST. POLE
EXIST. R/W LINE
EXIST. FENCE
EXIST. POLE
EXIST. R/W LINE
EXIST. POLE
10' PAVED TRAIL

3 - THR RAD
7 - ROY ELA
3 - TAB HET
200'
ORTIZ AVE. SB
CURBED MEDIAN
42
43
44
44A
45
46
47
3 - TAB HET
CURBED MEDIAN
ORTIZ AVE. NB
3 - THR RAD
68 - Ern

MATCHLINE 'E'
EXIST. SIDEWALK TO REMAIN

NOTE: EXISTING LAYOUT DEPICTS HANSON STREET ROUNDABOUT

(LDO2018-00155)

MATCHLINE 'F'

20
EXIST. R/W LINE
EXIST. DRAINAGE / SLOPE EASEMENT
100' EXIST. FPL EASEMENT

24' Horizontal clear recoverable area.

1 Refer to Roadway Plans for sodding.

45 MPH DESIGN SPEED

0' 20' 40' 80'
SCALE: 1" = 40'

N
W
S
E

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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ORTIZ AVENUE WIDENING

LANDSCAPE PLAN

SHEET NO.
12

$USER$ $DATE$ $TIME$ $FILE$

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PARCEL 28-44-25-P1-00002.0000

EXISTING SHELL DRIVE

HANSON ST.

EXIST. POLE

EXIST. R/W LINE

10' PAVED TRAIL

200'

CURBED MEDIAN

ORTIZ AVE. SB

3 - THR RAD

47

48

49

50

51

52

EXISTING PLANTINGS TO REMAIN (THROUGHOUT)

77 - Ern lit

5 - ROY ELA

ORTIZ AVE. NB

3 - TAB HET

68 - Ern lit

MATCHLINE 'F'

MATCHLINE 'G'

EXIST. R/W LINE

45 MPH DESIGN SPEED

1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

0' 20' 40' 80'

SCALE: 1" = 40'

W S N E

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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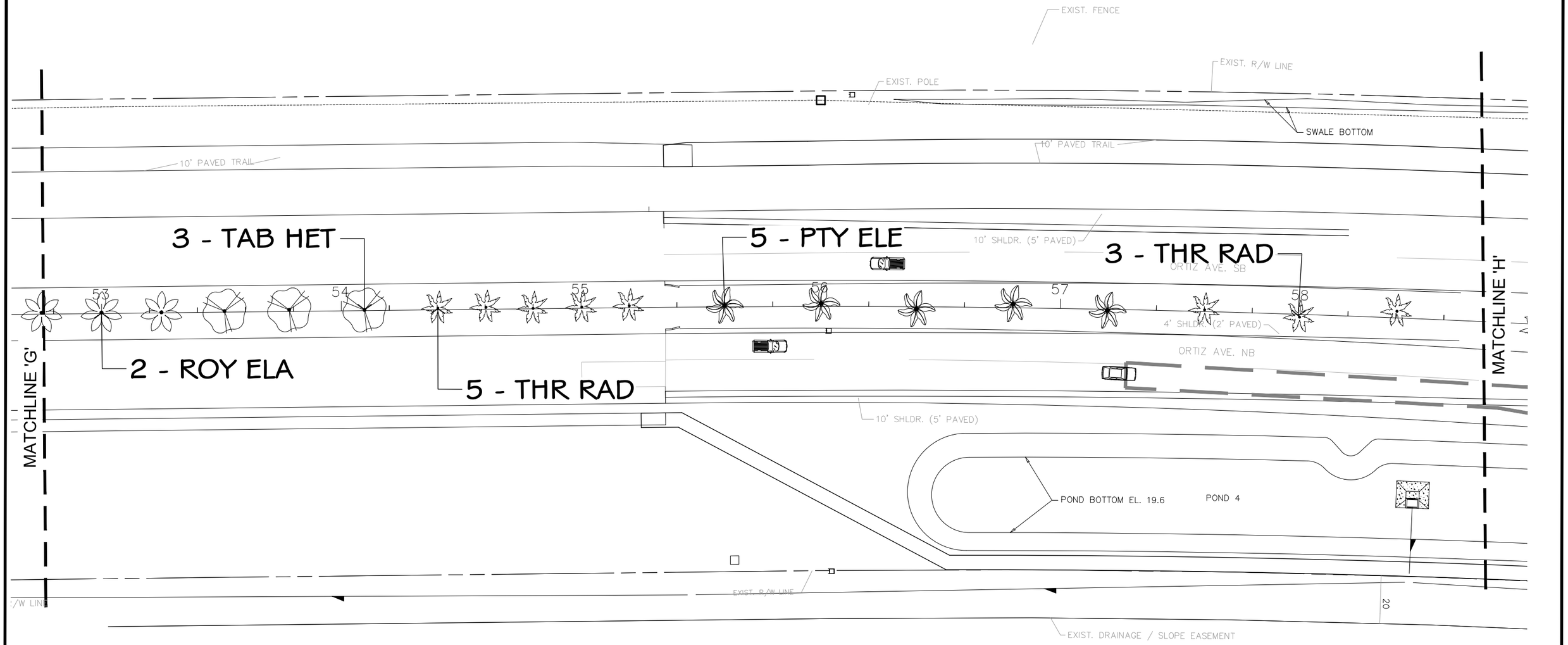
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

ROUND-A-BOUT MEDIAN ENLARGEMENT @ HANSON ST.

SHEET NO. 13

$USER$ $DATE$ $TIME$ $FILE$



1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

45 MPH DESIGN SPEED

0' 20' 40' 80'

SCALE: 1" = 40'

W S N E

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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LANDSCAPE PLAN

SHEET NO. 14

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EXIST. POLE
EXIST. POLE
EXIST. POLE
PARCEL 21-44-25-P1-00100.0160
SWALE BOTTOM
R/W INTERSECTION SIGHT LINE
d = 530'
dL = 375'
10' PAVED TRAIL
10' SHLDR. (7' PAVED)
ORTIZ AVE. SB
MATCHLINE 'H'
MATCHLINE 'I'
59
60
61
62
63
64
4' SHLDR. (2' PAVED)
7 - PTY ELE
7 - THR RAD
ORTIZ AVE. NB
GOVERNMENT SECTION
1 - JAC MIM
42 - Tri fak
1 - QUE VI2
47 - Chr ica
42 - Spa bak
5 - SAB SA2
ADD BUBBLERS TO EOC BUFFER IRRIGATION ZONES FOR ESTABLISHMENT
AREA OF BUFFER RELOCATION FOR SLOPE EASEMENT.
POND BOTTOM EL. 19.6
POND 4
R/W INTERSECTION SIGHT LINE
d = 530'
dL = 375'
EXIST. R/W LINE
EXIST. DRAINAGE / SLOPE EASEMENT
PARCEL 28-44-25-P2-U1957.4525
SECTION 28
SECTION 21
TOE
TOB
FM
8' Decorative Black Aluminum Fence
8' Dec
Alu

1 Refer to Roadway Plans for sodding.

24' Horizontal clear recoverable area.

45 MPH DESIGN SPEED

1 Area of Lee County E.O.C. Buffer Vegetation Removal & Replacement due to slope easement. Contractor to take care to protect existing trees, which can remain, if not impacted by fill.

0' 20' 40' 80'
SCALE: 1" = 40'

W S Z m

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
12/6/23	1 PLANT QTY'S, NOTES, REMOVE SOD HATCH		

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ORTIZ AVENUE WIDENING

LANDSCAPE PLAN

SHEET NO. 15

$USER$ $DATE$ $TIME$ $FILE$