

CONTRACT PLANS COMPONENTS

ROADWAY PLANS

LEE COUNTY DEPARTMENT OF TRANSPORTATION CONTRACT PLANS

STRINGFELLOW ROAD SHARED USE PATH EIGHTH AVE TO YORK ROAD LEE COUNTY PROJECT NO. 206002

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4-8	SUMMARY OF QUANTITIES
9-11	DRAINAGE MAPS
12-13	TYPICAL SECTIONS
14	GENERAL NOTES
15	PROJECT LAYOUT
16-28	PLAN SHEETS
29-57	CROSS SECTIONS
58-76	DRAINAGE STRUCTURES
77-78	STORM WATER POLLUTION PREVENTION PLAN
79	SUPERSTRUCTURE DETAILS
80-81	SUMMARY OF VERIFIED UTILITIES



DEVELOPMENTAL STANDARD PLANS:

GOVERNING DESIGN STANDARDS:

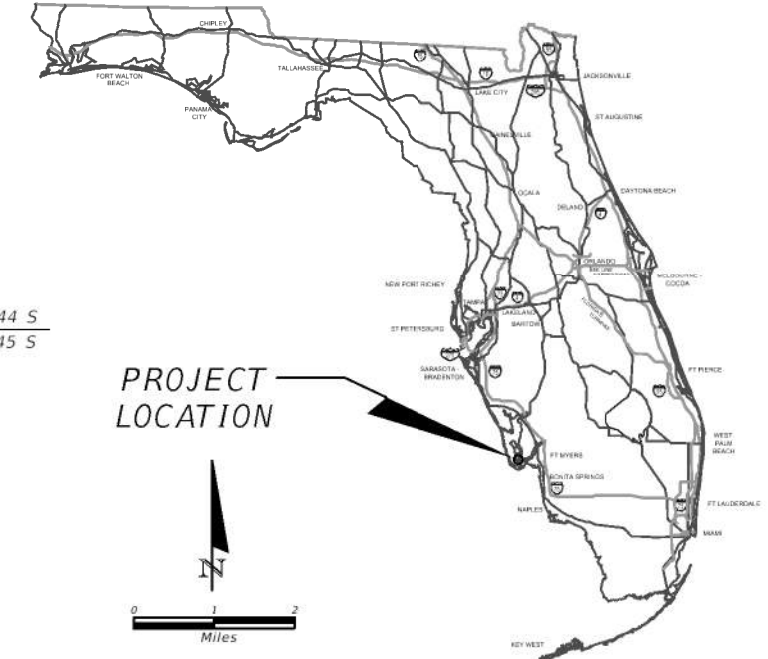
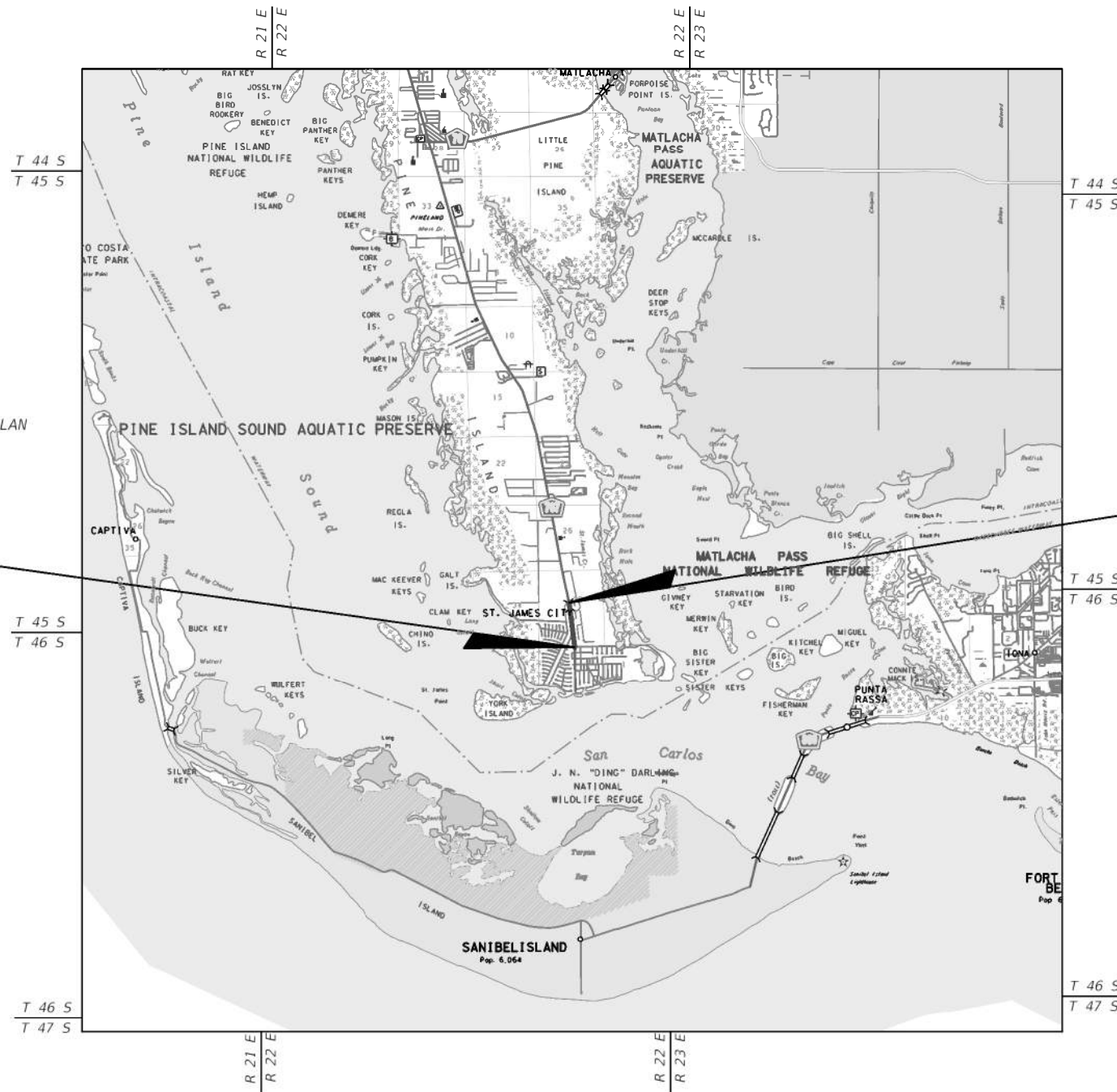
Florida Department of Transportation, FY 2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

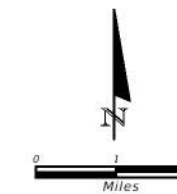
APPLICABLE IRs:

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2019 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



PROJECT LOCATION



END PROJECT
STA. 34+73.39

BEGIN PROJECT
STA. 0+12.51

100% PLANS

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

MICHAEL T. JOHNSON, P.E.
1514 BROADWAY - SUITE 202
FT. MYERS, FLORIDA 33901-3015
(239) 334-7275

PLANS PREPARED BY:

ATKINS

1514 BROADWAY
SUITE 202
FT. MYERS, FLORIDA 33901-3015
(239) 334-7275
VENDOR NO. F590896138001
FBPR CERTIFICATE OF AUTHORIZATION NO. 24

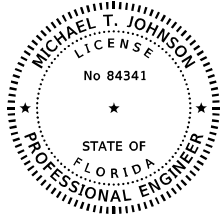
NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

ROADWAY PLANS
ENGINEER OF RECORD: Michael T. Johnson, P.E.

P.E. NO.: 84341

FISCAL YEAR	SHEET NO.
2019	1

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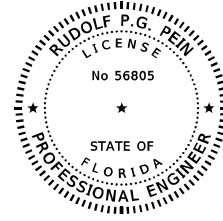


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ATKINS NORTH AMERICA, INC.
1514 BROADWAY, SUITE 202
FORT MYERS, FL 33901
CERTIFICATE OF AUTHORIZATION: 24
MICHAEL T. JOHNSON, P.E. NO. 84341

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



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ATKINS NORTH AMERICA, INC.
1514 BROADWAY, SUITE 202
FORT MYERS, FL 33901
CERTIFICATE OF AUTHORIZATION: 24
RUDOLF P.G. PEIN, P.E. NO. 56805

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

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77-78	STORM WATER POLLUTION PREVENTION PLAN
80-81	SUMMARY OF VERIFIED UTILITIES

SHEET NO.

SHEET DESCRIPTION

79	STRUCTURE DETAILS
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REVISIONS	
DATE	DESCRIPTION



ATKINS
1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Michael T. Johnson, P.E. 84341

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

SIGNATURE SHEET

SHEET NO.
2

SUMMARY OF PAY ITEMS

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	582
104-15	SOIL TRACKING PREVENTION DEVICE	EA	1
110-1-1	CLEARING AND GRUBBING	LS/AC	1/2.8
110-3	REMOVAL OF EXISTING STRUCTURE/BRIDGES	SF	136
110-4-10	REMOVAL OF EXIST. CONCRETE	SY	374
110-7-1	MAILBOX F&I, SINGLE	EA	10
120-1	REGULAR EXCAVATION	CY	793
120-6	EMBANKMENT	CY	873
160-4	TYPE B STABILIZATION	SY	3998
285-701	OPTIONAL BASE GROUP 01	SY	2238
285-709	OPTIONAL BASE GROUP 09	SY	1760
0334-1-52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG 76-22 (2.5")	TN	242
0337-7-81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22 (1.5")	TN	313
339-1	MISCELLANEOUS ASPHALT PAVEMENT	TN	3.7
400-2-10	CONCRETE CLASS II, APPROACH SLABS	CY	0.5
400-4-4	CLASS IV, CONCRETE (SUPERSTRUCTURE)	CY	13.2
415-1-4	REINFORCING STEEL-BRIDGE SUPERSTRUCTURE	LB	2177
415-1-9	REINFORCING STEEL-APPROACH SLABS	LB	22
425-1-521	INLETS, DITCH BOTTOM TYPE C, <10'	EA	19
425-1-531	INLETS, DITCH BOTTOM, TYPE C MODIFIED-BACK OF SIDEWALK, <10'	EA	12
425-2-61	MANHOLES, P-8, <10'	EA	2
425-6	VALVE BOXES, ADJUST	EA	49
430-174-112	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12" SD	LF	12
430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" SD	LF	3077
458-1-21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	17
515-2-311	PEDESTRIAN/BICYCLE RAILING, ALUMINUM ONLY, 42" TYPE 1	LF	285
515-4-2	PEDESTRIAN/BICYCLE BULLET RAILING (MOD.)	LF	56
520-2-4	CONCRETE CURB, TYPE D, MODIFIED (VARIABLE HEIGHT)	LF	40
521-5-13	CONCRETE TRAFFIC RAILING-BRIDGE, 36" SINGLE SLOPE	LF	56
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1408
527-2	DETECTABLE WARNINGS (WET SET TYPE)	SF	238
530-3-4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	71.9
536-1-0	GUARDRAIL-ROADWAY, GENERAL/LOW SPEED TL-2	LF	141
536-6	PIPE RAIL FOR GUARDRAIL	LF	59
536-7-4	SPECIAL GUARDRAIL POST-FRANGIBLE LEAVE-OUT FOR MOUNTING THROUGH CONCRETE SURFACE	EA	18
536-8-12	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-2	EA	2
536-73	GUARDRAIL REMOVAL	LF	104
536-85-20	GUARDRAIL END TREATMENT - TRAILING ANCHORAGE	EA	1
536-85-24	GUARDRAIL END TREATMENT - PARALLEL APPROACH TERMINAL	EA	1
570-1-2	PERFORMANCE TURF, SOD	SY	5448
700-1-50	SINGLE POST SIGN , RELOCATE	AS	7

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REVISIONS			ATKINS <small>1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341</small>	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<h3>SUMMARY OF PAY ITEMS</h3>	SHEET NO.
DATE	DESCRIPTION			ROAD	COUNTY	COUNTY PROJECT NO.		3
				STRINGFELLOW ROAD	LEE	206002		

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES							
LOCATION		SIDE	AREA ID	SEDIMENT BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.				0104 10 3			
				LF			
		P		F			
11+00.00 12+82.68		RT		183.0			
19+95.21 20+38.63		RT		43.4			
20+59.24 20+92.24		RT		33.6			
28+52.07 29+84.07		RT		132.4			
32+57.03 33+43.42		RT		95.5			
33+99.17 34+83.78		RT		94.5			
				SUB-TOTAL: 582.5			
				TOTAL: 582			

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120-1	REGULR EXCAVATION				
	STRINGFELLOW ROAD STA. 0+25.17 TO STA. 33+40.11	793.00			
	TOTAL REGULAR EXCAVATION	793.00			
120-6	EMBANKMENT				
	STRINGFELLOW ROAD STA. 0+25.17 TO STA. 33+40.11	873.00			
	TOTAL EMBANKMENT	873.00			

EARTHWORK HAS BEEN CALCULATED BY USING LIMEROCK BASE OPTION. IF ANOTHER OPTION IS CONSTRUCTED, THERE SHALL BE NO REVISION TO THE EARTHWORK QUANTITIES FOR WHICH PAYMENT IS MADE BY PLAN QUANTITY.

EARTHWORK VOLUMES					
EMBANKMENT			EXCAVATION		
AREA (SF)	VOLUME B/T STATIONS (CF)		AREA (SF)	VOLUME B/T STATIONS (CF)	
0			0		
STA 50	93.6	1170.00	STA 50		0.00
STA 100	109.4	2537.50	STA 100		0.00
STA 150	99.99	2617.38	STA 150	0.66	8.25
STA 200	0.82	1260.13	STA 200	20.6	265.75
STA 250	7.2	100.25	STA 250	0.54	264.25
STA 300	1.95	114.38	STA 300	1.41	24.38
STA 350	4.7	83.13	STA 350	1.22	32.88
STA 400	3.44	101.75	STA 400	2.82	50.50
STA 450	0	43.00	STA 450	23.5	329.00
STA 500	4.92	61.50	STA 500	2.65	326.88
STA 550	2.64	94.50	STA 550	0.88	44.13
STA 600	4.77	92.63	STA 600	1.18	25.75
STA 650	3.62	104.88	STA 650	7.53	108.88
STA 700	13.37	212.38	STA 700	0.18	96.38
STA 750	11.7	313.38	STA 750	0	2.25
STA 800	0	146.25	STA 800	26.54	331.75
STA 850	37.78	472.25	STA 850	9.7	453.00
STA 900	65.47	1290.63	STA 900	0	121.25
STA 950	21.62	1088.63	STA 950	2.04	25.50
STA 1000	0	270.25	STA 1000	14.41	205.63
STA 1050	0	0.00	STA 1050	18.35	409.50
STA 1100	0.82	10.25	STA 1100	8.97	341.50
STA 1150	14.01	185.38	STA 1150	2.225	139.94
STA 1200	17.8	397.63	STA 1200	1.05	40.94
STA 1250	39.88	721.00	STA 1250	1.31	29.50
STA 1300	0	498.50	STA 1300	36.29	470.00
STA 1350	51.74	646.75	STA 1350	0	453.63
STA 1400	31.86	1045.00	STA 1400	16.72	209.00
STA 1450	0	398.25	STA 1450	48.98	821.25
STA 1500	39.56	494.50	STA 1500	25.44	930.25
STA 1550	48.3	1098.25	STA 1550	19.05	556.13
STA 1600	0.4	608.75	STA 1600	7.89	336.75
STA 1650	53.44	673.00	STA 1650	0.19	101.00
STA 1700	1.91	691.88	STA 1700	7.08	90.88
STA 1750	47.96	623.38	STA 1750	3.81	136.13
STA 1800	0	599.50	STA 1800	11.85	195.75
STA 1850	0	0.00	STA 1850	15.55	342.50
STA 1900	0	0.00	STA 1900	30.64	577.38
STA 1950	30.53	381.63	STA 1950	16.67	591.38
STA 2000	2.68	415.13	STA 2000	15.7	404.63
STA 2050	0	33.50	STA 2050	18.55	428.13
STA 2100	0	0.00	STA 2100	51.26	872.63
STA 2150	1.07	13.38	STA 2150	42.88	1176.75
STA 2200	23.61	308.50	STA 2200	0	536.00
STA 2250	23.63	590.50	STA 2250	13.7	171.25
STA 2300	0	295.38	STA 2300	16.59	378.63
STA 2350	15.14	189.25	STA 2350	0	207.38
STA 2400	0	189.25	STA 2400	19.65	245.63
STA 2450	39.54	494.25	STA 2450	20.69	504.25
STA 2500	2.85	529.88	STA 2500	4.63	316.50
STA 2550	0	35.63	STA 2550	17.73	279.50
STA 2600	0	0.00	STA 2600	17.96	446.13
STA 2650	0	0.00	STA 2650	19.36	466.50
STA 2700	0	0.00	STA 2700	16.5	448.25
STA 2750	0	0.00	STA 2750	15.79	403.63
STA 2800	0	0.00	STA 2800	15.77	394.50
STA 2850	0	0.00	STA 2850	15.65	392.75
STA 2900	1	12.50	STA 2900	23.48	489.13
STA 2950	2.14	39.25	STA 2950	13.94	467.75
STA 3000	0	26.75	STA 3000	22.89	460.38
STA 3050	0	0.00	STA 3050	22.38	565.88
STA 3100	0	0.00	STA 3100	21.02	542.50
STA 3150	0	0.00	STA 3150	17.53	481.88
STA 3200	0	0.00	STA 3200	13.79	391.50
STA 3250	10.74	134.25	STA 3250	4.02	222.63
STA 3300	2.25	162.38	STA 3300	7.05	138.38
STA 3350	0	28.13	STA 3350	0	88.13
STA 3400	0	0.00	STA 3400	0	0.00
STA 3450	0	0.00	STA 3450	0	0.00
STA 3500	0	0.00	STA 3500	0	0.00
		23576.25 CF		21410.88	CF
		873 CY		793	CY

REVISIONS	
DATE	DESCRIPTION



ATKINS
 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
 FBPE Certificate of Authorization No. 24
 Michael T. Johnson, P.E. 84341

LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002



SUMMARY OF QUANTITIES (1)

SHEET NO.
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 SIDE DRAIN & INLETS											
LOCATION		SIDE	PIPE LENGTH - LF ROUND		INLETS		INLETS		MANHOLE	DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			12"	24"	DBI	BOS	P-8, <10'				
				TYPE C, <10'	TYPE C (MOD.), <10'						
0+24.04	0+27.47	RT		45.0	1					S-1	
0+27.47	0+30.07	RT		8.0	1					S-2	
0+30.07	2+37.77	RT		205.0				1		S-3	
2+37.77	3+27.78	RT		87.0	1					S-4	
3+27.78	4+97.63	RT		167.0	1					S-5	
4+97.63	6+00.00	RT		99.0	1					S-6	
6+00.00	7+40.00	RT		137.0	1					S-7	
7+40.00	8+97.97	RT		155.0	1					S-8	
8+97.97	9+70.00	RT		71.0	1					S-9	
9+70.00	11+50.00	RT		178.0				1		S-10	
11+50.00	12+43.04	RT		91.0			1			S-11	
12+43.04	13+36.12	RT		91.0			1			S-12	
13+36.12	15+20.00	RT		182.0			1			S-13	
15+20.00	15+97.67	RT		77.0			1			S-14	
15+97.67	16+43.08	RT		43.0	1					S-14A	
16+43.08	18+31.17	RT		186.0			1			S-15	
17+42.60		RT	12		1					S-16	
18+31.17	19+44.25	RT		111.0			1			S-17	
19+44.25	20+20.47	RT		74.0			1			S-18	
20+20.47	20+83.54	RT		61.0			1			S-19	
20+83.54	22+01.76	RT		116.0			1			S-20	
22+01.76	23+50.00	RT		146.0			1			S-21	
23+50.00	24+60.00	RT		108.0			1			S-22	
24+60.00	25+87.62	RT		125.0			1			S-23	
25+87.62	26+45.97	RT		55.0	1					S-24	
26+45.97	27+24.54	RT		75.0	1					S-25	
27+24.54	27+63.92	RT		36.0	1					S-26	
27+63.92	28+11.18	RT		44.0	1					S-27	
28+11.18	28+83.16	RT		69.0	1					S-28	
28+83.16	29+65.75	RT		80.0	1					S-29	
29+65.75	30+46.41	RT		78.0	1					S-30	
30+46.41	31+26.50	RT		77.0	2					S-31, S-32	
SUB-TOTAL:			12.0	3077.0	19		12		2		
TOTAL:			12	3077	19		12		2		

SUMMARY OF GUARDRAIL																		
LOCATION		SIDE	GUARDRAIL		PIPE RAIL		SPECIAL GUARDRAIL POST MOUNTING		APPROACH TRANSITION CONNECTION TO RIGID BARRIER		GUARDRAIL REMOVAL		GUARDRAIL - TRAILING ANCHORAGE		GUARDRAIL - PARALELL APPROACH TERMINAL		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0536 1 0		0536 6		0536 7 4		0536 8 12		0536 73		0536 85 20		0536 85 24			
			LF		LF		LF		EA		LF		EA		EA			
		P	F	P	F	P	F	P	F	P	F	P	F	P	F			
32+75.02	33+42.77	RT		71.87					1						1			
33+98.74	34+67.49	RT		68.75					1				1					
32+76.82	33+39.80	RT								63.7								
34+01.16	34+64.01	RT								40.1								
33+11.82	33+42.77	RT				31.73		9.0										
33+98.74	34+18.72	RT				27.39		9.0										
SUB-TOTAL:			140.6		59.12		18.0		2		103.8		1		1			
TOTAL:			141		59		18		2		104		1		1			

<table border="1"> <thead> <tr><th colspan="2">REVISIONS</th></tr> <tr><th>DATE</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td> </td><td> </td></tr> </tbody> </table>		REVISIONS		DATE	DESCRIPTION				 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES (2)	SHEET NO. 5
REVISIONS														
DATE	DESCRIPTION													
		ROAD: STRINGFELLOW ROAD COUNTY: LEE COUNTY PROJECT NO.: 206002												

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

SUMMARY OF RAILING						
LOCATION		SIDE	PED/BICYCLE RAILING		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			LF			
			P	F		
11+45.65	11+54.29	RT	8.7		AT S-11	
12+38.71	12+47.37	RT	8.7		AT S-12	
13+31.79	13+40.45	RT	8.7		AT S-13	
15+15.67	15+24.33	RT	8.7		AT S-14	
16+38.75	16+47.41	RT	8.7		AT S-15	
18+26.84	18+35.50	RT	8.7		AT S-17	
19+39.92	19+48.58	RT	8.7		AT S-18	
20+16.12	20+24.78	RT	8.7		AT S-19	
20+79.21	20+87.87	RT	8.7		AT S-20	
21+97.31	22+06.09	RT	8.7		AT S-21	
23+45.67	23+54.33	RT	8.7		AT S-22	
24+55.67	24+64.33	RT	8.7		AT S-23	
32+75.11	33+42.40	RT	68.3		BRIDGE APPROACH	
33+98.51	34+54.16	RT	56.7		BRIDGE APPROACH	
SUB-TOTAL:			229.4			
TOTAL:			229			

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS											
LOCATION		SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.						SY		SF			
						P	F	P	F		
0+25.17	0+38.50	RT		13.33	8.5	9.0		24.5			
1+93.78	2+27.35	RT		33.6	29.7	55.0					
4+40.53	4+89.33	RT		48.8	10.0	53.7		47.2			
7+89.39	8+56.25	RT		66.9	10.0	74.4		50.9			
9+58.15	9+74.00	RT		15.9	10.0	16.4		20.2			
10+95.50	11+00.53	RT		5.0	10.0	5.6		20.0			
11+44.67	11+55.33	RT		10.7	10.7	10.65					
12+37.71	12+48.37	RT		10.7	10.7	10.65					
12+83.36	13+07.11	RT		23.8	10.0	26.4					
13+30.79	13+41.45	RT		10.7	10.7	10.65					
14+28.91	14+65.32	RT		46.6	10.0	34.02					
15+14.67	15+25.33	RT		10.7	10.7	10.65					
15+74.09	16+23.78	RT		49.7	10.0	51.9					
16+37.75	16+48.41	RT		10.7	10.7	10.65					
16+97.37	17+14.08	RT		16.7	10.0	18.6					
17+75.59	17+93.82	RT		18.2	10.0	20.3					
18+25.84	18+36.50	RT		10.7	10.7	10.65					
18+52.20	18+70.43	RT		18.2	10.0	20.3					
18+83.91	19+05.38	RT		21.5	10.0	23.9					
19+38.92	19+49.58	RT		10.7	10.7	10.65					
19+70.33	19+95.11	RT		24.8	10.0	27.5					
20+15.12	20+25.77	RT		10.7	10.7	10.65					
20+38.59	20+56.03	RT		17.4	10.0	19.4					
20+78.21	20+88.87	RT		10.7	10.7	10.65					
21+08.24	21+40.69	RT		32.5	10.0	36.1					
21+96.31	22+06.97	RT		10.7	10.7	10.65					
22+57.47	23+07.74	RT		50.0	10.0	55.68					
23+44.61	23+55.27	RT		10.7	10.7	10.65					
24+54.67	24+65.33	RT		10.7	10.7	10.65					
25+03.05	25+17.24	RT		14.2	10.0	15.8					
25+44.41	25+49.41	RT		5.0	8.7	4.9		17.4			
28+52.14	28+60.82	RT		9.8	10.0	8.3		22.0			
28+75.79	28+90.52	RT		5.3	10.0	17.2					
29+70.89	29+76.14	RT		5.3	10.0	5.6		20.0			
32+75.10	33+42.72	RT		68.4	8.0	60.5		16.2			
33+98.51	34+55.11	RT		54.1	8.0	51.6					
SUB-TOTAL:						839.9		238.4			
TOTAL:						840		238			

REVISIONS	
DATE	DESCRIPTION



ATKINS
 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
 FBPE Certificate of Authorization No. 24
 Michael T. Johnson, P.E. 84341

LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

SUMMARY OF QUANTITIES (3)

SHEET NO.
6

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

SUMMARY OF PERMANENT DRIVEWAYS								
LOCATION STA. @ C/Q OF DRIVEWAY	SIDE	AREA ID	MATERIAL				DESIGN NOTES	CONSTRUCTION REMARKS
			CONCRETE (SY)		ASPHALT (TN)			
			0522	2	P	F		
0+14.65	RT		37.0					
4+66.12	RT		43.7					
8+20.48	RT		111.2					
10+29.31	RT				63.94			
12+95.72	RT		16.9					
14+47.17	RT		22.4					
15+79.87	RT		15.9					
16+16.15	RT		19.0					
17+05.61	RT		26.7					
17+84.71	RT		29.5					
18+61.32	RT		29.0					
18+94.64	RT		33.3					
19+82.76	RT		36.0					
20+47.35	RT		25.9					
21+24.43	RT		47.0					
22+82.55	RT		56.7					
24+05.45	RT				15.58			
25+10.16	RT		17.9					
26+99.55	RT				126.8			
31+23.80	RT				177.75			
SUB-TOTAL:			568.1		384.07			
TOTAL:			568		384			

SUMMARY OF PERFORMANCE TURF								
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					570	1 2		
					EA			
					P	F		
0+10	2+02	RT	192	26	574			
2+04	4+55	RT	251	26	680			
4+78	8+00	RT	322	25	885			
8+40	9+58	RT	119	25	317			
10+95	12+83	RT	188	26	531			
13+07	14+37	RT	130	26	365			
14+58	15+75	RT	118	26	327			
15+86	16+09	RT	23	16	40			
16+21	16+97	RT	76	18	140			
17+13	17+75	RT	62	20	133			
17+93	18+52	RT	59	16	102			
18+70	18+84	RT	14	12	16			
19+05	19+70	RT	65	22	157			
19+95	20+39	RT	44	18	83			
20+56	21+08	RT	52	23	114			
21+41	22+57	RT	116	21	194			
23+08	23+95	RT	87	12	106			
24+16	25+03	RT	87	26	240			
25+17	25+49	RT	32	17	58			
28+52	29+76	RT	124	25	327			
32+75	33+14	RT	39	8	38			
34+30	34+62	RT	32	6	21			
SUB-TOTAL:					5448			
TOTAL:					5448			

REVISIONS	
DATE	DESCRIPTION



LEE COUNTY
SOUTHWEST FLORIDA

ATKINS
1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Michael T. Johnson, P.E. 84341

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

SUMMARY OF QUANTITIES (4)

SHEET NO.
7

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.						P	F	P	F		
							AREA (AC)	P	F	P	F		
110-1-1	CLEARING AND GRUBBING	0+12.51	34+68.83	RT		LS	2.8			2.8		TOTAL (AC)	
	REMOVAL OF EXIST. PAVERS	12+73.67	13+17.66	RT		SY		43				DECORATIVE PAVERS DELIVER TO OWNER	
	REMOVAL OF EXIST. PAVERS	14+25.10	14+69.23	RT		SY		56				DECORATIVE PAVERS DELIVER TO OWNER	
110-4-10	REMOVAL OF EXIST. CONCRETE	1+93.78	2+27.35	RT		SY		55		374		DRIVEWAY	
		4+40.01	4+92.24	RT		SY		79				DRIVEWAY	
		15+97.80	16+34.51	RT		SY		35				DRIVEWAY	
		18+42.20	19+15.38	RT		SY		106				DRIVEWAY	
		19+60.43	20+05.09	RT		SY		63				DRIVEWAY	
		33+23.24	33+40.16	RT		SY		1.3				CONCRETE CURB	
		34+00.93	34+18.11	RT		SY		1.3				CONCRETE CURB	
		33+23.24	33+40.16	RT		SY		6				CONCRETE SIDEWALK	
		34+00.84	34+54.09	RT		SY		27.5				CONCRETE SIDEWALK	

NOTE: BRICK PAVERS TO BE REMOVED AND STACKED AT A LOCATION ON SITE AT THE PROPERTY OWNERS REQUEST.

SUMMARY OF MAILBOXES					
STATION	SIDE	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		0110	7 1		
		P	F		
7+78.20	RT	1			
11+12.38	RT	1			
16+31.06	RT	1			
17+66.91	RT	1			
18+46.87	RT	1			
19+11.94	RT	1			
19+62.78	RT	1			
21+52.70	RT	1			
23+26.35	RT	1			
29+68.62	RT	1			
SUB-TOTAL:		10			
TOTAL:		10			

SUMMARY OF CURB & GUTTER													
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				GROSS LENGTH	DEDUCTIONS TYPE	NET LENGTH		P	F		
		P	F					P	F				
520-2-4	CONCRETE CURB, TYPE D MOD. VARIABLE HEIGHT	33+23.11	to 33+42.77	RT		20				20		40	
		33+98.74	to 34+18.72	RT		20				20			

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT						
STA. TO STA.	SIDE	GUARDRAIL		TONS		REMARKS
		THICK (IN.)	SY	P	F	
32+96.31 33+42.77	RT	2	12.98	1.43		
33+98.73 34+73.39	RT	2	20.45	2.25		
SUB-TOTAL:				3.68		
TOTAL:				3.7		

REVISIONS DATE DESCRIPTION		 LEE COUNTY SOUTHWEST FLORIDA	ATKINS 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341	LEE COUNTY DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES (5)	SHEET NO. 8
				ROAD	COUNTY		
		STRINGFELLOW ROAD	LEE	206002			

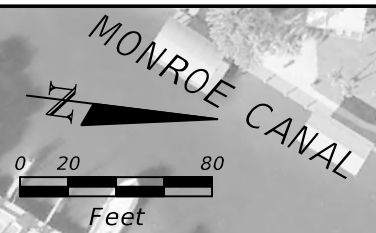
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LEGEND:

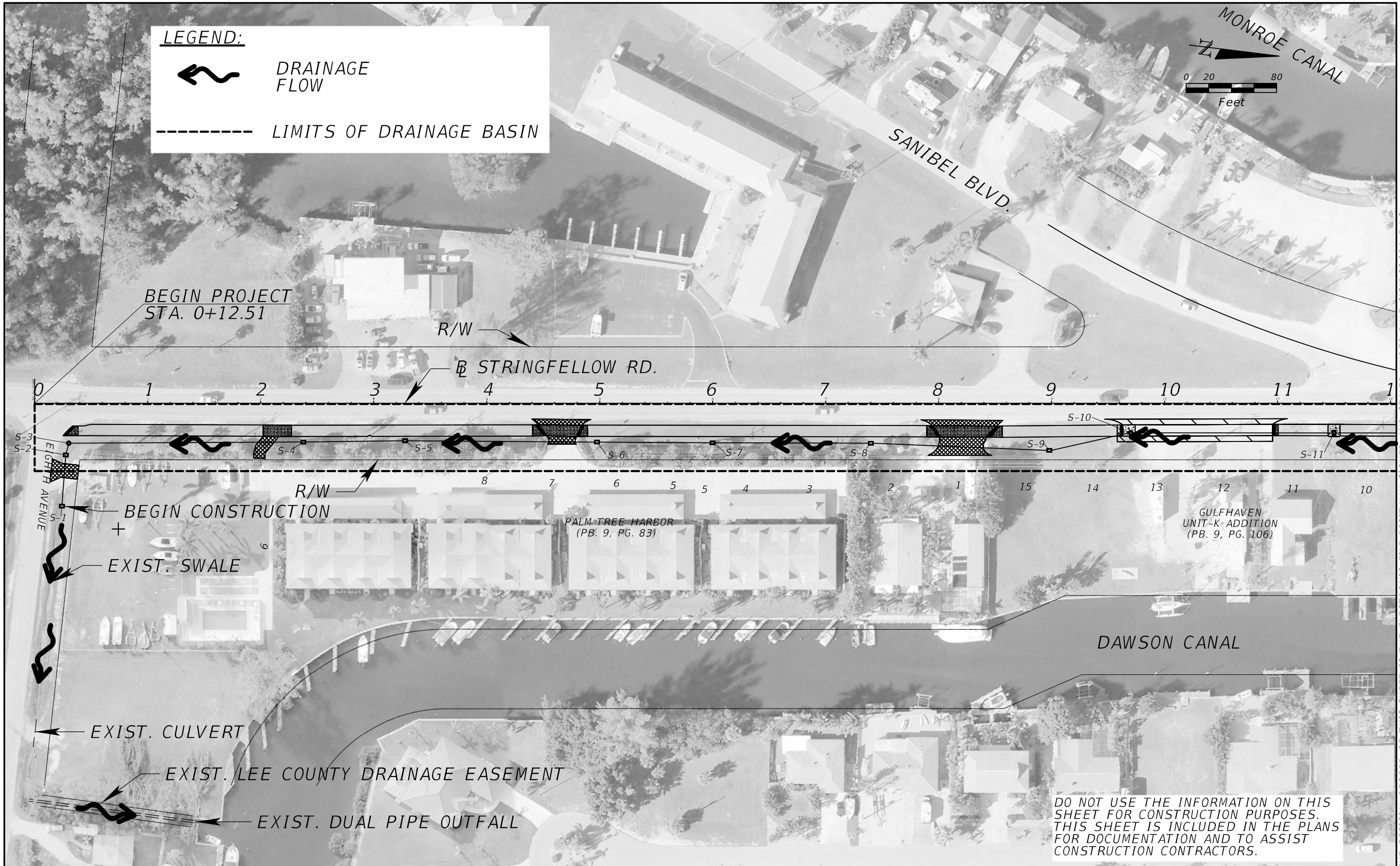
 DRAINAGE FLOW

 LIMITS OF DRAINAGE BASIN

MONROE CANAL



0 20 80
Feet



DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS INCLUDED IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION CONTRACTORS.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C. MATCHLINE STA. 12+05.21

REVISIONS	
DATE	DESCRIPTION



LEE COUNTY
SOUTHWEST FLORIDA

ATKINS

1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Michael T. Johnson, P.E. 84341

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

DRAINAGE MAP (1)

SHEET NO.
9

LEGEND:



DRAINAGE FLOW

----- LIMITS OF DRAINAGE BASIN



MATCHLINE STA. 12+05.21

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MONROE CANAL

R/W

STRINGFELLOW RD.

2 13 14 15 16 17 18 19 20 21 22 23 24



LOT 1

R/W

TRACT A
INST. NO. 2018000057765

GULFHAVEN
UNIT-K ADDITION
(PB. 9, PG. 106)

DAWSON CANAL

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REVISIONS	
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

DRAINAGE MAP (2)

SHEET NO.
10

LEGEND:



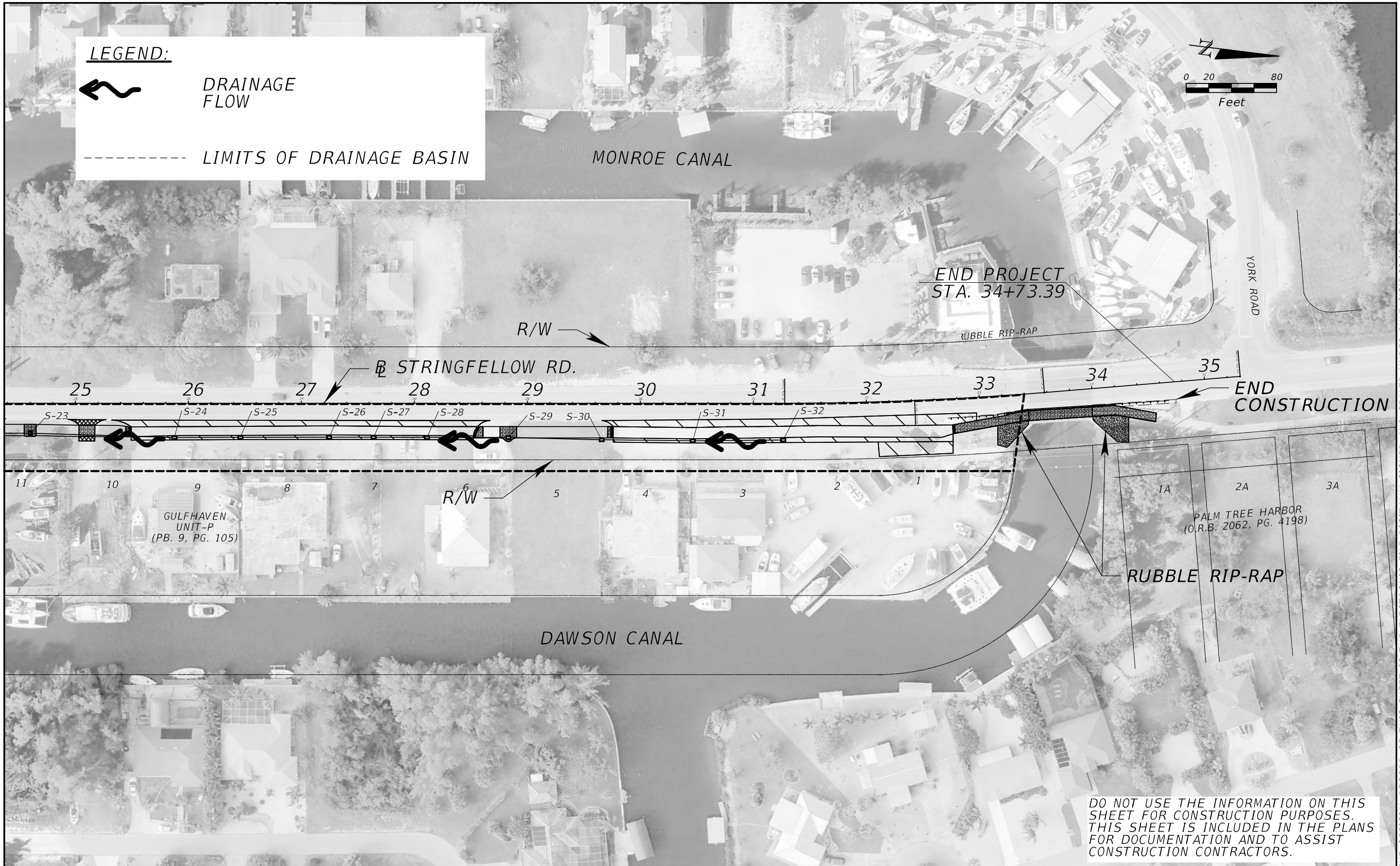
DRAINAGE FLOW



LIMITS OF DRAINAGE BASIN



MATCHLINE STA. 24+37.20



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REVISIONS	
DATE	DESCRIPTION



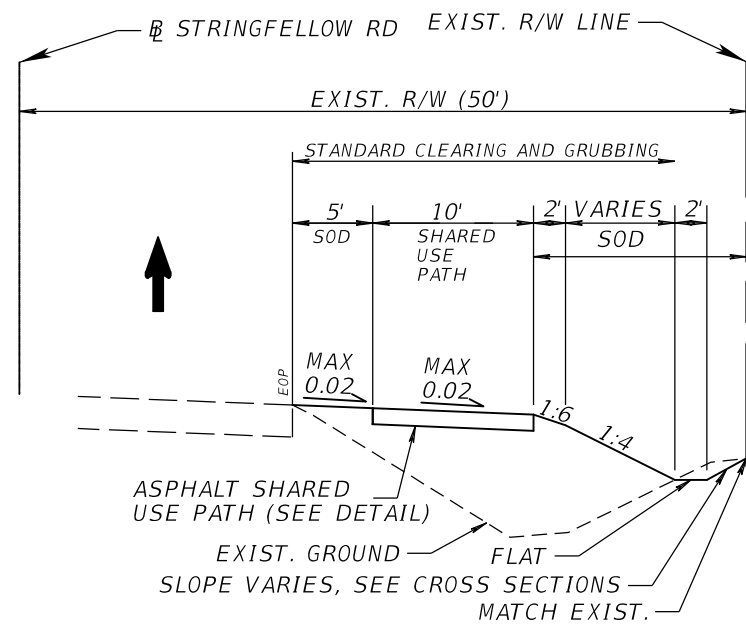
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

DRAINAGE MAP (3)

SHEET NO.
11

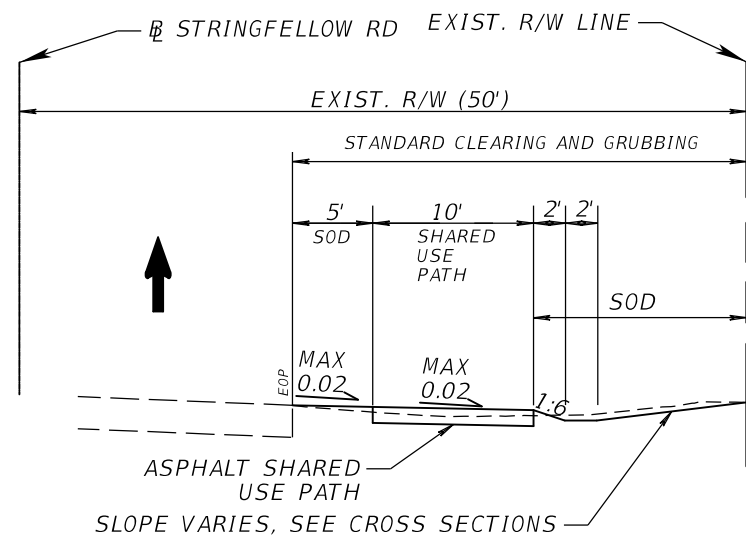
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TYPICAL SECTION #1

N.T.S.

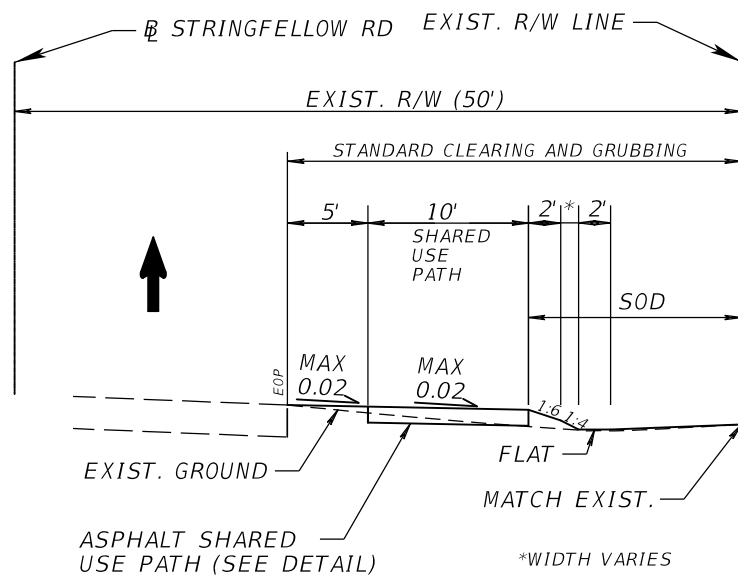
- STA. 0+12.51 TO STA. 2+00.00
- STA. 8+00.70 TO STA. 9+63.15
- STA. 10+83.15 TO STA. 13+40.00
- STA. 19+10.00 TO STA. 19.69.71
- STA. 21+47.67 TO STA. 23+86.87
- STA. 24+24.15 TO STA. 25+49.43
- STA. 28+84.56 TO STA. 29+75.89
- STA. 32+50.00 TO STA. 32+75.17



TYPICAL SECTION #3

N.T.S.

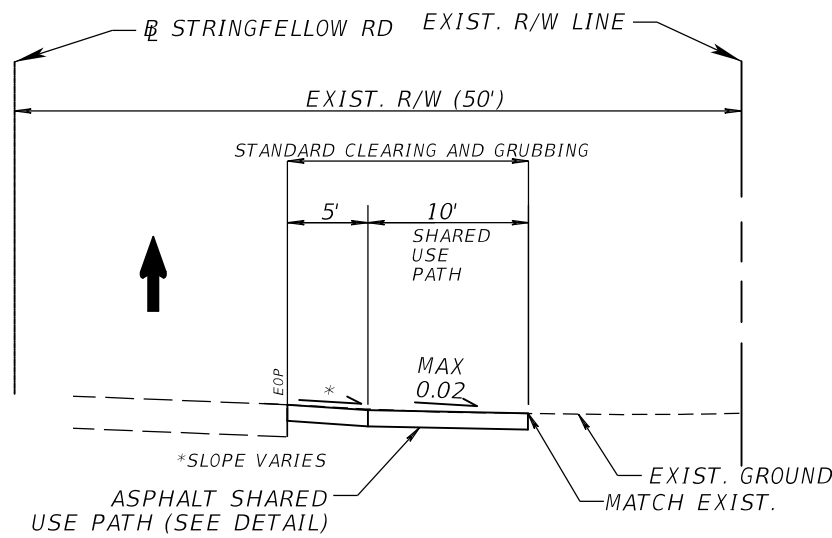
- STA. 14+23.94 TO STA. 14+70.53
- STA. 15+75.50 TO STA. 16+22.34
- STA. 17+75.59 TO STA. 18+50.00
- STA. 19+69.71 TO STA. 21+47.67



TYPICAL SECTION #2

N.T.S.

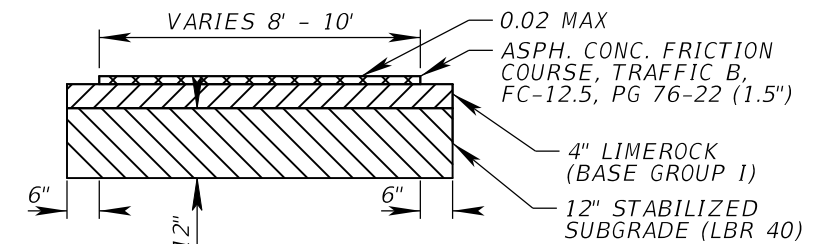
- STA. 2+00.00 TO STA. 8+00.70
- STA. 9+63.15 TO STA. 10+83.15



TYPICAL SECTION #4

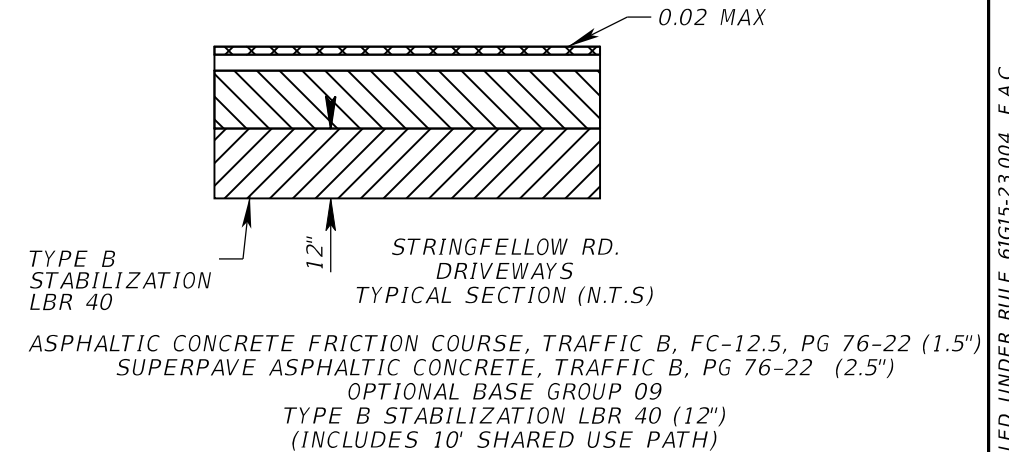
N.T.S.

- STA. 16+97.37 TO STA. 17+14.08
- STA. 18+50.00 TO STA. 19+10.00
- STA. 23+86.87 TO STA. 24+24.15
- STA. 25+49.43 TO STA. 28+84.56
- STA. 29+75.89 TO STA. 32+50.00



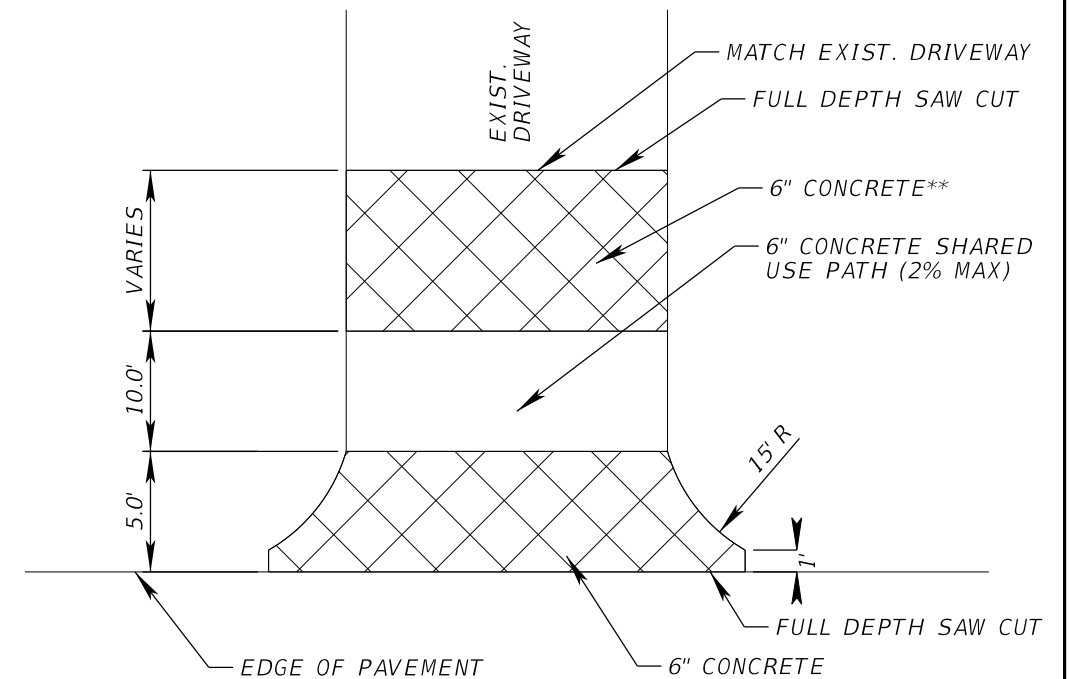
TYPICAL SHARED USE PATH SECTION

N.T.S.



TYPICAL VEHICULAR PAVEMENT SECTION

N.T.S.



*WHERE RADIUS RETURNS ARE USED, RADII SHALL BE 15' MIN. PER FDOT STANDARD
 **UNLESS OTHERWISE NOTED ON THE PLANSHEETS

DRIVEWAY DETAIL

N.T.S.

(RESIDENTIAL DRIVEWAYS ONLY)

REVISIONS	
DATE	DESCRIPTION



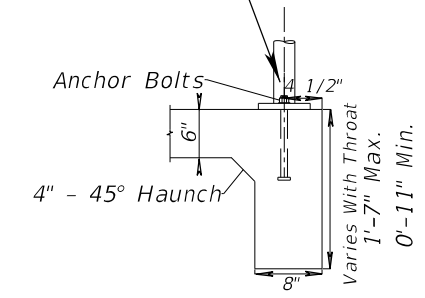
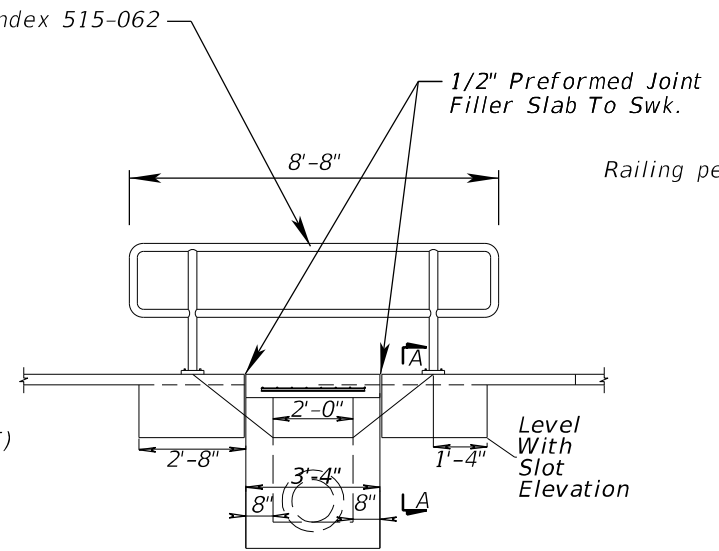
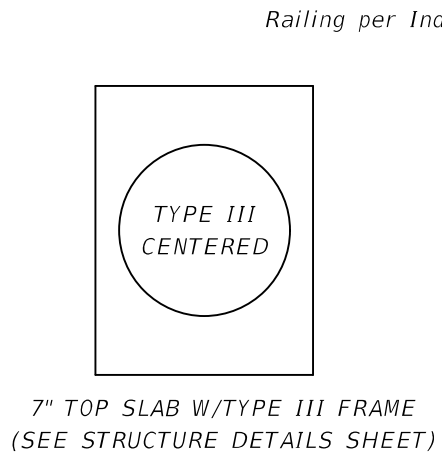
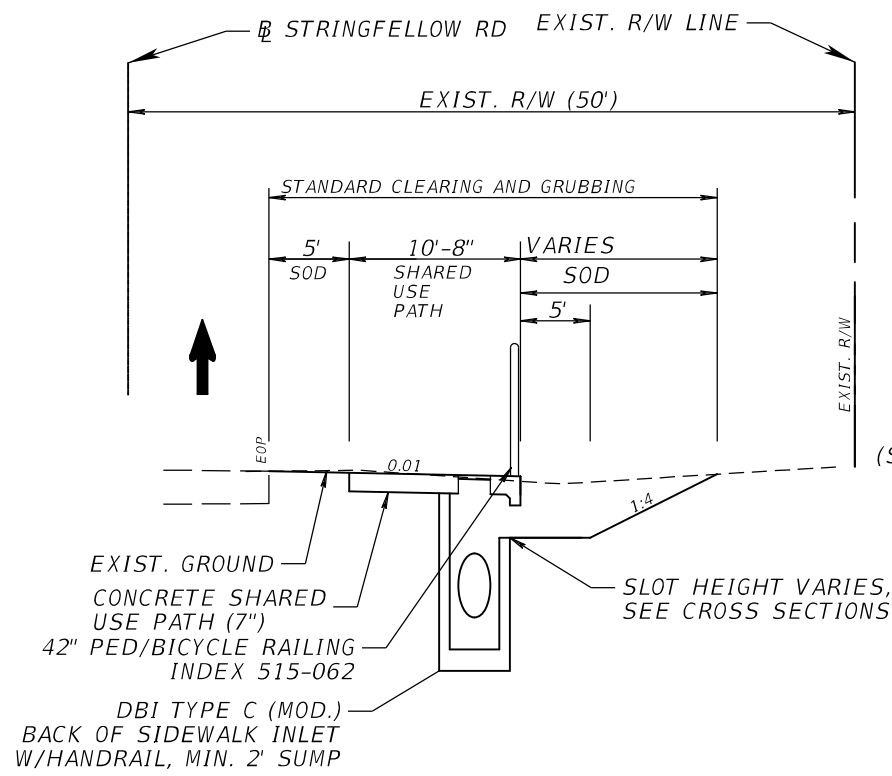
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

TYPICAL SECTIONS (1)

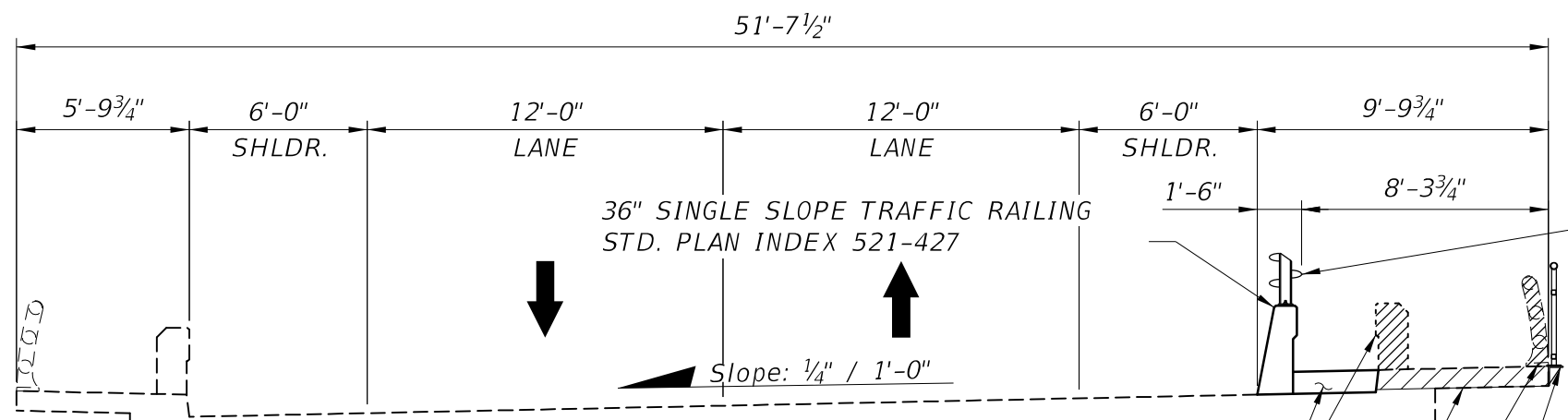
SHEET NO.
12

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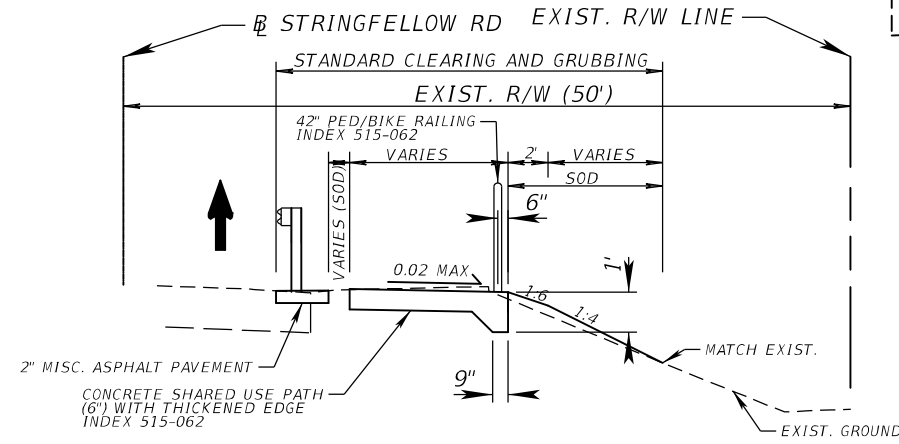


TYPICAL BACK OF SIDEWALK DRAINAGE INLET DETAIL

- N.T.S.
- STA. 11+50.00
 - STA. 12+43.04
 - STA. 13+36.12
 - STA. 15+20.00
 - STA. 16+43.08
 - STA. 18+31.17
 - STA. 19+44.25
 - STA. 20+20.47
 - STA. 20+83.54
 - STA. 22+01.76
 - STA. 23+50.00
 - STA. 24+60.00



EXISTING END POSTS AND TRAFFIC RAILING TO BE REMOVED
 REMOVE SIDEWALK
 EXIST. PED/BIKE RAILING TO BE REMOVED AND RETURNED TO LEE COUNTY



TYPICAL BRIDGE APPROACH

- N.T.S.
- STA. 32+75.17 TO STA. 33+42.39
 - STA. 33+98.51 TO STA. 34+54.09

TYPICAL SECTION - MONROE CANAL CROSSING

N.T.S. STA. 33+42.77 TO STA. 33+98.74

REVISIONS			ATKINS 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS (2)	SHEET NO. 13
DATE	DESCRIPTION			ROAD	COUNTY	COUNTY PROJECT NO.		
			STRINGFELLOW ROAD	LEE	206002			

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

GENERAL NOTES

- HORIZONTAL DATUM IN PLANS IS THE NORTH AMERICAN DATUM OF 1983/2011 ADJUSTMENT (NAD 83/11). THE VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE PROJECT ENGINEER SHOULD NOTIFY THE COUNTY PROJECT MANAGER WITHOUT DELAY BY TELEPHONE.
- CONCRETE FOR SIDEWALK AND DRIVEWAYS SHALL BE 6" THICK AND CONSTRUCTED IN ACCORDANCE WITH STANDARD PLANS INDEX 522-001 AND FDOT SPECIFICATION SECTION 522.
- EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION.
- ALL DISTURBED AREAS WILL BE SODDED.
- CONTRACTOR SHALL EVALUATE WHETHER EXISTING TREES ARE ABLE TO BE PRESERVED AND SHALL PROTECT THOSE TREES THAT ARE NOT IMPACTED.
- ALL EXIST. SALVAGEABLE PEDESTRIAN/BICYCLE RAILING TO BE RETURNED TO LEE COUNTY.
- ANY IRRIGATION FOUND TO BE IN CONFLICT WITH CONSTRUCTION IS TO BE CAPPED AT THE R/W.

SIGNING AND MARKING NOTES

- ANY EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO IT'S ORIGINAL POSITION IN EQUAL OR BETTER CONDITION.
- CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER EXPENSE.

UTILITY NOTES

- THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
- THE CONTRACTOR SHOULD CALL SUNSHINE 811 AND THE UTILITY OWNERS 48 HOURS BEFORE BEGINNING WORK. ALL UTILITIES MAY NOT BE MEMBERS OF SUNSHINE STATE ONE AND WILL THEREFORE REQUIRE DIRECT CONTACT.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY OWNERS WITHIN THE PROJECT'S LIMITS (INCLUDING THOSE LISTED BELOW), COORDINATING AND OBTAINING PROPOSED RELOCATION/INSTALLATION SCHEDULES FOR ALL IMPACTED UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND VERIFYING THE EXACT LOCATION OF ALL EXISTING UTILITIES.
- THE FOLLOWING UTILITY COMPANIES HAVE BEEN IDENTIFIED WITHIN THE CONSTRUCTION VICINITY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DEPTHS AND FIELD LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ACTUAL UTILITY LOCATIONS AND DEPTHS MAY VARY FROM THOSE DEPICTED WITHIN THIS CONSTRUCTION PLAN SET.

UTILITY CONTACTS

CENTURY LINK FT MYERS	ZEKE REID	(239) 336-2030
COMCAST	MARK COOK	(239) 432-1805
ENVIRONMENTAL PROTECTION SYSTEMS OF PINE ISLAND	KEVIN CHERRY	(239) 283-1144
GREATER PINE ISLAND WATER ASSOCIATION, INC.	ERIC IVERSON	(239) 283-1071
LEE COUNTY ELECTRIC CO-OP	TOM BAILEY	(239) 656-2414
LEE COUNTY UTILITIES	NATHAN BEALS	(239) 533-8157

MAINTENANCE OF TRAFFIC

- CONTRACTOR MUST SUBMIT A MAINTENANCE OF TRAFFIC PLAN PREPARED IN ACCORDANCE WITH REQUIREMENTS IN SECTION 102 TO LEE COUNTY DOT FOR APPROVAL, AND SHALL BE PREPARED BY A FIRM PREQUALIFIED BY THE STATE IN WORKGROUP 3.1. PEDESTRIAN/BICYCLE TRAFFIC ACCOMMODATIONS MUST BE INCLUDED AS PART OF THE MOT PLAN, MAINTAINED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 102-600 SERIES.
- ALL TRAFFIC LANES ON ARTERIAL AND COLLECTOR ROADWAYS 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. ADDITIONAL LANE CLOSURE RESTRICTIONS MAY APPLY ON CERTAIN HIGH VOLUME ROADS. DURING PEAK SEASON (THANKSGIVING-EASTER) DAYTIME LANE CLOSURES WILL NOT BE PERMITTED ON ARTERIAL AND COLLECTOR ROADWAYS. 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.
- 102-1 INCLUDES THE COST TO MAINTAIN DRIVEWAYS AND ADJUST PAVERS WHERE INDICATED IN THE PLANS

ASBESTOS CEMENT MAIN ABANDONMENT AND DISPOSAL

FOR CONFLICTS WITH ASBESTOUS CEMENT PIPE, CONTACT ERIC IVERSON LISTED UNDER UTILITY CONFLICTS.

PART 1 - GENERAL

1.01 - GENERAL

A. WORK IN THIS SECTION INCLUDES ALL LABOR, MATERIAL, EQUIPMENT, TESTING, TAX, OVERHEAD, AND PROFIT NECESSARY TO INSTALL, CONSTRUCT, AND PLACE INTO SERVICE THE ITEMS DESCRIBED IN THIS SECTION TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM READY FOR USE BY THE COUNTY.

B. IF IT IS NECESSARY TO REMOVE ANY ABANDONED ASBESTOS PIPE (AC) AND/OR APPURTENANCES TO ACCOMMODATE IMPROVEMENTS, THE AC MAIN(S) AND/OR APPURTENANCES SHALL BE REMOVED IF REQUESTED BY THE COUNTY AND DISPOSED OF IN ACCORDANCE WITH THIS ENTIRE STANDARD.

C. CUTTING AND DISPOSAL OF ASBESTOS CEMENT PIPE (TRANSITE PIPE) MUST BE PERFORMED BY A FLORIDA LICENSED ASBESTOS ABATEMENT CONTRACTOR. USE OF COMPRESSED AIR TO CLEAN TRANSITE PIPE IS PROHIBITED. AT NO TIME SHOULD TRANSITE PIPE OR PIECES BE MIXED IN WITH FILL.

D. CONTRACTOR MUST FURNISH ALL PERMITS, LABOR, MATERIAL, SERVICES, INSURANCE, TOOLS, EQUIPMENT AND NOTIFICATIONS IN ACCORDANCE WITH EPA, OSHA, STATE, AND ALL OTHER APPLICABLE AGENCIES TO HANDLE AND REMOVE ASBESTOS MATERIAL. SPECIFICALLY, REFER TO EPA 40 CFR PART 61.

E. ALL WORK INVOLVED IN THE REMOVAL, SALVAGE OR DISPOSAL OF AC MAINS SHALL BE THE RESPONSIBILITY AND AT THE EXPENSE OF THE CONTRACTOR.

F. ALL SCRAP AC SHALL BE PROPERLY MANIFESTED AND PREPARED FOR TRANSSPORT. THE SCRAP MATERIAL SHALL BE DELIVERED TO A LANDFILL PERMITTED FOR DISPOSAL OF NON-FRIABLE ASBESTOS CONTAINING MATERIALS.

G. FRIABLE ASBESTOS-CONTAINING MATERIALS ARE REGULATED AS HAZARDOUS WASTE. A FRIABLE MATERIAL IS DEFINED AS MATERIAL THAT CAN BE CRUMBLED, PULVERIZED, OR REDUCED TO POWDER IN THE HAND. AC WATERMAIN PIPING IS GENERALLY CONSIDERED TO BE A NON-FRIABLE MATERIAL.

I. THE LEE COUNTY LANDFILL WILL ACCEPT FRIABLE AND NON-FRIABLE MATERIAL UNDER THE FOLLOWING CONDITIONS:

FRIABLE ASBESTOS (ANY ASBESTOS CONTAINING MATERIAL THAT, WHEN DRY, MAY BE CRUMBLED, PULVERIZED OR REDUCED TO POWDER BY HAND PRESSURE).

ASBESTOS MUST BE SPRAYED WITH WATER UNTIL WET, THEN DOUBLE BAGGED, TIED OFF, LABELED AND PLACED IN A COVERED CONTAINER.

NON-FRIABLE ASBESTOS (ANY ASBESTOS-CONTAINING MATERIALS THAT REMIAN SOLID WHEN HANDHELD)

ASBESTOS MUST BE SPRAYED WITH WATER UNTIL WET, AND THEN PLACED IN A COVERED CONTAINER. TRANSITE PIPE SHALL BE KEPT WET DURING ALL PHASES OF REMOVAL. NO VISIBLE EMISSIONS ARE PERMITTED.

NO ASBESTOS WILL BE ACCEPTED AFTER 3 PM MONDAY-FRIDAY, ON SATURDAY OR ON HOLIDAYS.

HAULERS MUST HAVE THE PROPER MANIFESTS AND CALL 24 HOURS IN ADVANCE.

2. AT LEAST TEN (10) WORKING DAYS BEFORE ACTUAL REMOVAL, THE CONTRACTOR OR HIS DESIGNATED SUBCONTRACTOR WILL COMPLETE A NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) "NOTICE OF RENOVATION OR DEMOLITION" FORM. THE CONTRACTOR OR HIS ASBESTOS SUBCONTRACTOR WILL DELIVER THESE COMPLETE FORMS BY HAND OR CERTIFIED MAIL TO THE FOLLOWING AGENCIES (FACSIMILIES ARE NOT PERMITTED). HAULERS MUST SUBMIT A COMPLETED WASTE SHIPMENT RECORD TO THE FOLLOWING LOCATIONS.



DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR RESOURCES MANAGEMENT
2600 BLAIR STONE ROAD
TALLAHASSEE, FL 32399-2400

LEE COUNTY HAZARDOUS WASTE
6441 TOPAZ CT
FORT MYERS, FL 33966

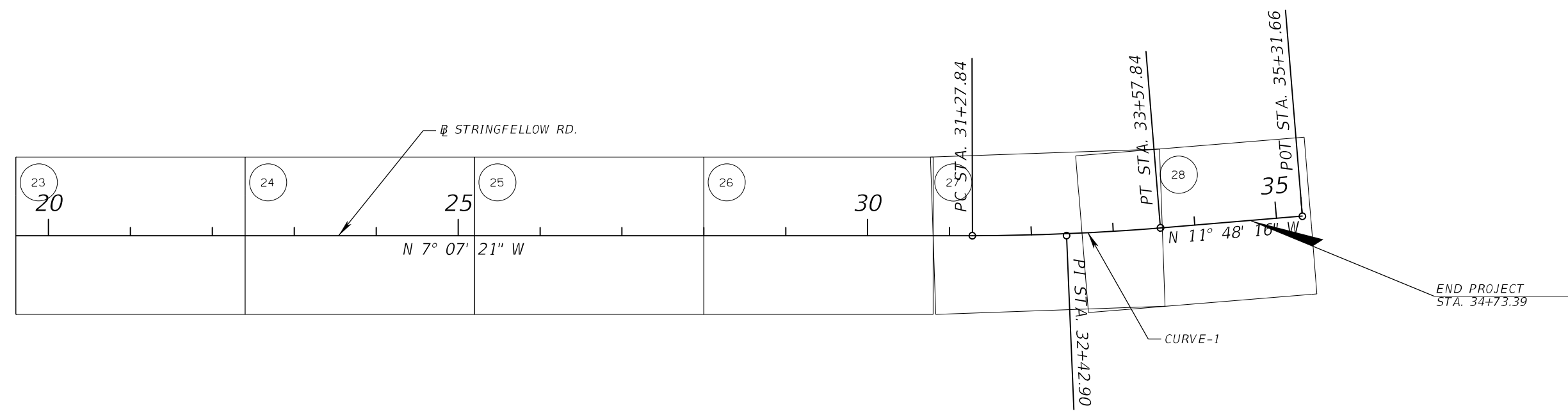
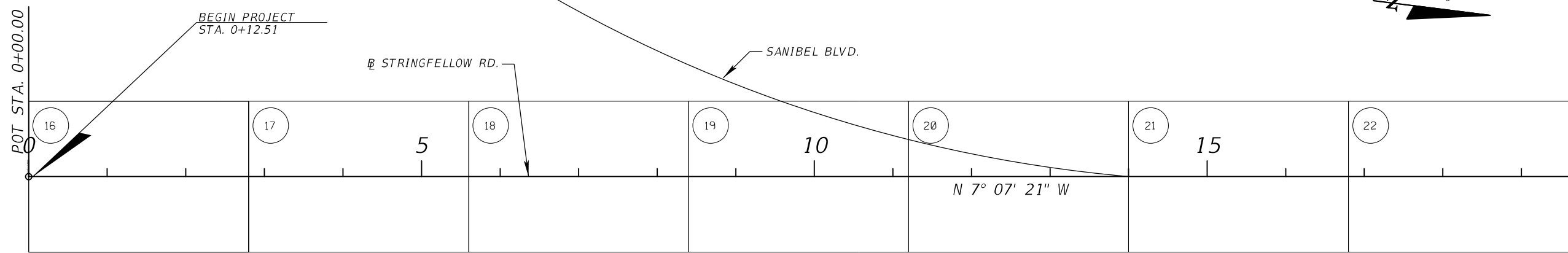
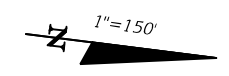
3. METHOD OF PAYMENT: CASH, VISA, MASTERCARD AND DISCOVER OR A DEBIT CARD WITH A BANK LOGO ON IT. THEY DO NOT ACCEPT BUSINESS OR PERSONAL CHECKS.

4. IMPORTANT NOTICE: IF ASBESTOS IS BEING DEPOSITED IN THE LEE COUNTY HAZARDOUS WASTE FACILITY, A WASTE SHIPMENT RECORD (WSR) MUST ACCOMPANY THE LOAD. SUBMIT A COPY OF THE WSR SIGNED BY THE APPROVED DISPOSAL FACILITY TO THE ENGINEER WITHIN 35 DAYS OF SHIPMENT.

5. ALL LOADS MAY BE SUBJECT TO INSPECTION BY COUNTY PERSONEL PRIOR TO ADMITTANCE TO THE LANDFILL. LABEL EACH CONTAINER WITH THE NAME OF THE COUNTY AND LOCATION AT WHICH THE WASTE WAS GENERATED. TRANSFER PIPE DIRECTLY FROM THE TRENCH INTO THE LINED CONTAINER.

REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION			ROAD	COUNTY	COUNTY PROJECT NO.	
		STRINGFELLOW ROAD	LEE	206002		14	

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



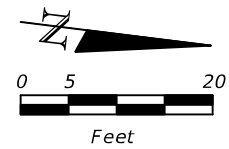
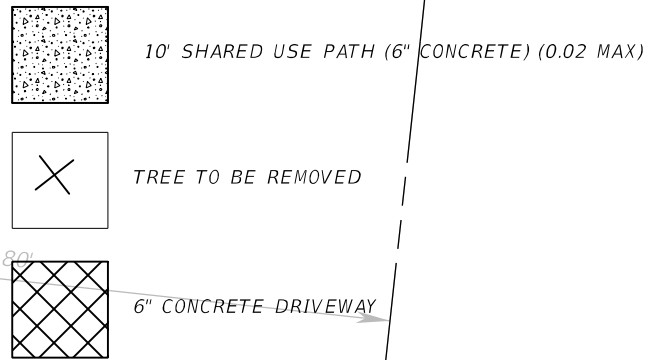
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Point	North	East	Elevation	Station	Offset	Description
100	787814.24	629410.92	4.38	0+16.95	15.55' (LT)	PK NAIL AND WASHER STAMPED "LB 24" (SET)
101	788254.13	629358.18	4.76	4+59.98	13.34' (LT)	PK NAIL AND WASHER STAMPED "LB 24" (SET)
102	788900.54	629271.92	4.44	11+12.10	18.78' (LT)	PK NAIL AND WASHER STAMPED "LB 24" (SET)
103	789412.65	629212.83	4.41	16+27.58	13.92' (LT)	PK NAIL AND WASHER STAMPED "LB 24" (SET)
104	790120.64	629124.68	4.58	23+41.04	13.61' (LT)	PK NAIL AND WASHER STAMPED "LB 24" (SET)
105	791005.81	629043.00	6.05	32+28.90	17.07' (RT)	PK NAIL AND WASHER STAMPED "LB 24" (SET)

CURVE DATA CURVE-1
 PI STA. = 32+42.90
 Δ = 4° 36' 00" (LT)
 D = 2° 00' 00"
 T = 115.06
 L = 230.00
 R = 2,864.79
 PC STA. = 31+27.84
 PT STA. = 33+57.84

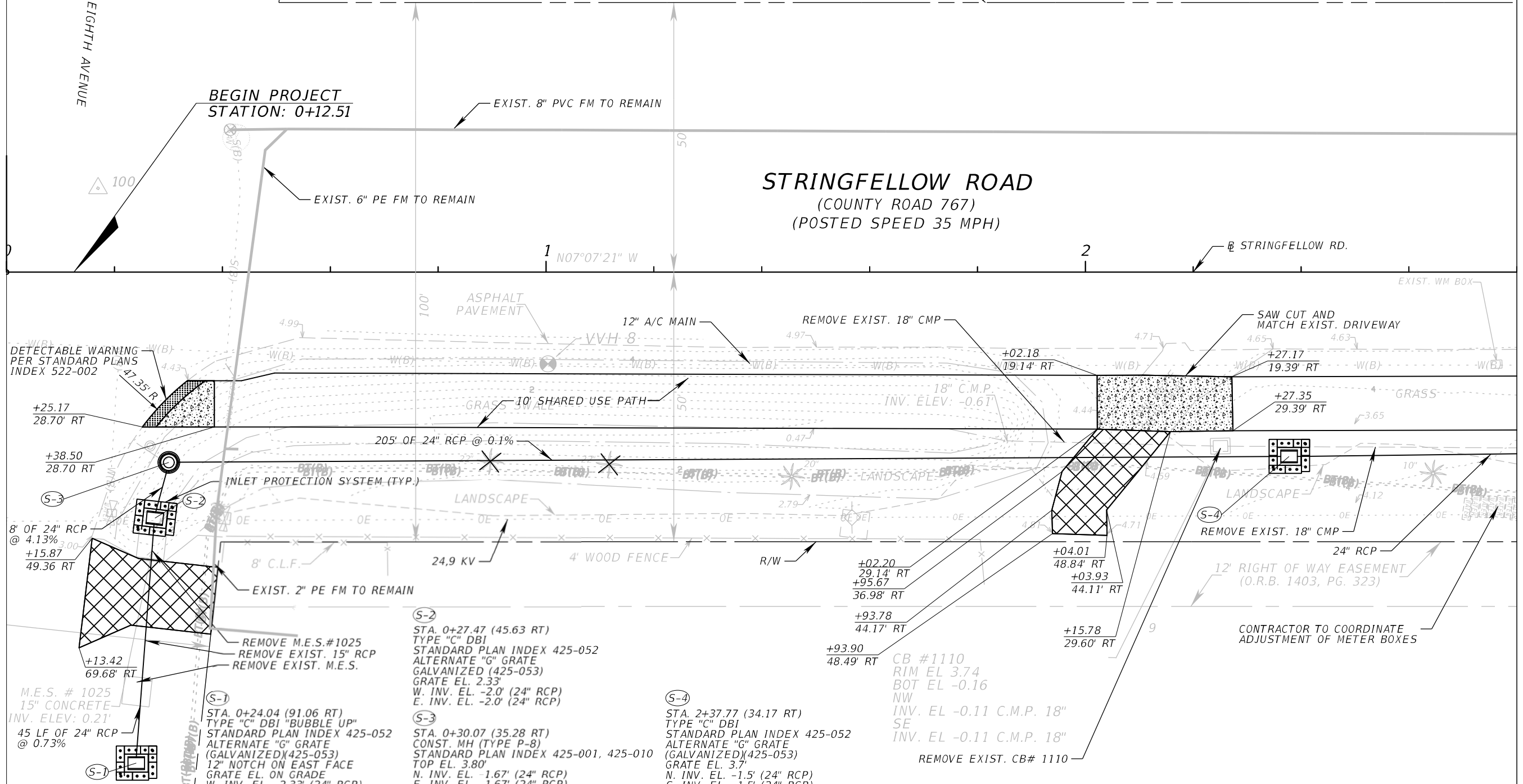
(X) = APPLICABLE SHEET NO.

<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS		DATE	DESCRIPTION				<p>ATKINS 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>ROAD</th> <th>COUNTY</th> <th>COUNTY PROJECT NO.</th> </tr> <tr> <td>STRINGFELLOW ROAD</td> <td>LEE</td> <td>206002</td> </tr> </table>	ROAD	COUNTY	COUNTY PROJECT NO.	STRINGFELLOW ROAD	LEE	206002	<p><i>PROJECT LAYOUT</i></p>	<p>SHEET NO. 15</p>
REVISIONS																	
DATE	DESCRIPTION																
ROAD	COUNTY	COUNTY PROJECT NO.															
STRINGFELLOW ROAD	LEE	206002															

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STRINGFELLOW ROAD
(COUNTY ROAD 767)
(POSTED SPEED 35 MPH)



DETECTABLE WARNING PER STANDARD PLANS INDEX 522-002

8' OF 24" RCP @ 4.13%
+15.87
49.36 RT

M.E.S. # 1025
15" CONCRETE
INV. ELEV: 0.21'
45 LF OF 24" RCP @ 0.73%

(S-1) STA. 0+24.04 (91.06 RT)
TYPE "C" DBI "BUBBLE UP"
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
12" NOTCH ON EAST FACE
GRATE EL. ON GRADE
W. INV. EL. -2.33' (24" RCP)

(S-2) STA. 0+27.47 (45.63 RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE GALVANIZED (425-053)
GRATE EL. 2.33'
W. INV. EL. -2.0' (24" RCP)
E. INV. EL. -2.0' (24" RCP)

(S-3) STA. 0+30.07 (35.28 RT)
CONST. MH (TYPE P-8)
STANDARD PLAN INDEX 425-001, 425-010
TOP EL. 3.80'
N. INV. EL. -1.67' (24" RCP)
E. INV. EL. -1.67' (24" RCP)

(S-4) STA. 2+37.77 (34.17 RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 3.7'
N. INV. EL. -1.5' (24" RCP)
S. INV. EL. -1.5' (24" RCP)

CB #1110
RIM EL 3.74
BOT EL -0.16
NW
INV. EL -0.11 C.M.P. 18"
SE
INV. EL -0.11 C.M.P. 18"
REMOVE EXIST. CB# 1110

CONTRACTOR TO COORDINATE ADJUSTMENT OF METER BOXES

REVISIONS	
DATE	DESCRIPTION



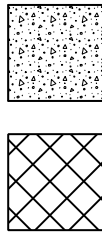
ATKINS
1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Michael T. Johnson, P.E. 84341

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (1)

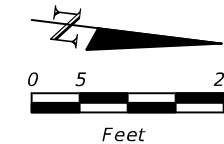
SHEET NO.
16

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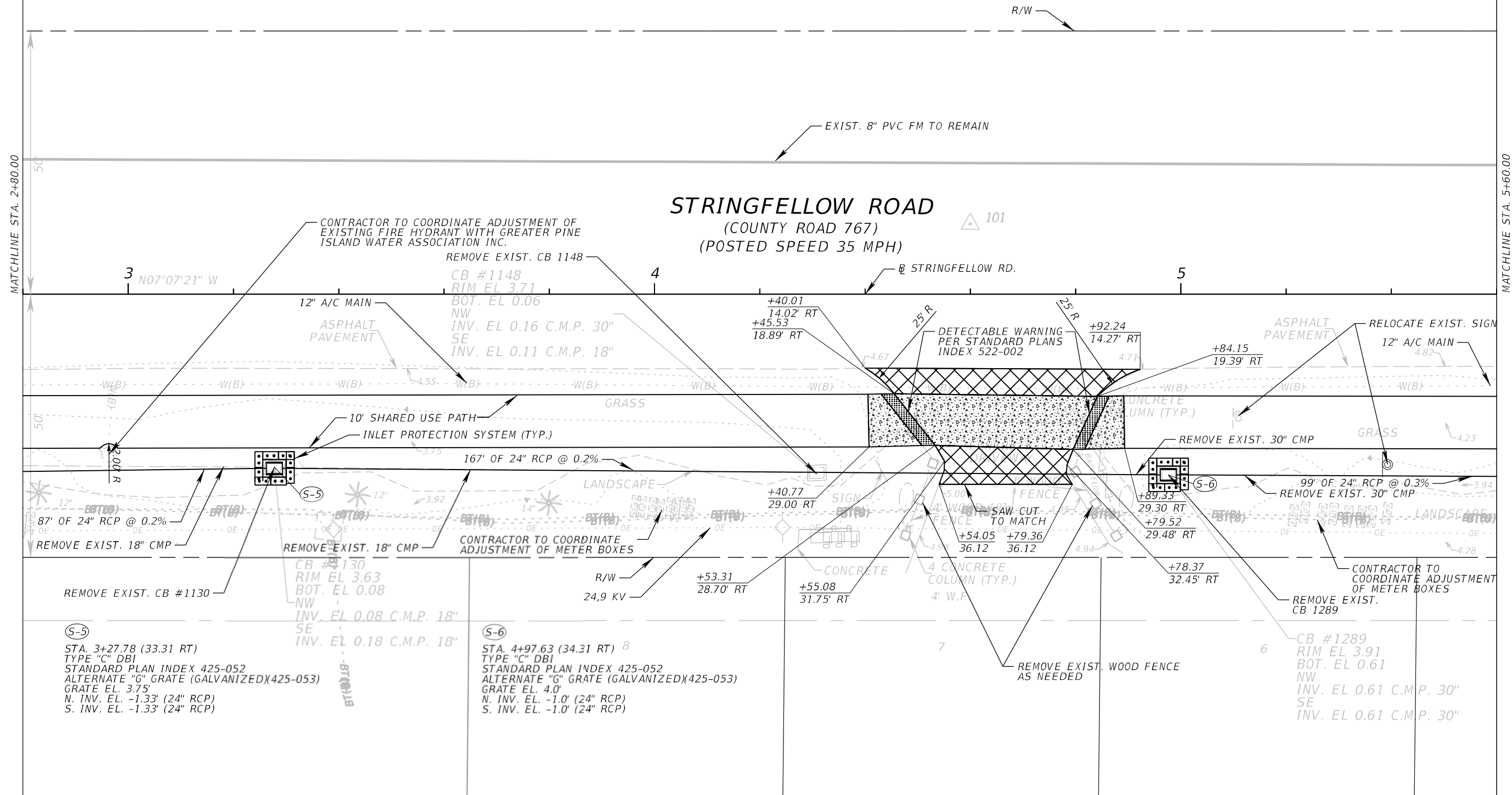


10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)

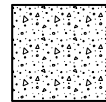
6" CONCRETE DRIVEWAY



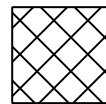
STRINGFELLOW ROAD
(COUNTY ROAD 767)
(POSTED SPEED 35 MPH)



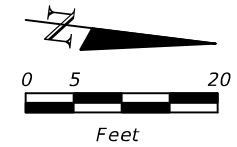
REVISIONS		<p>LEE COUNTY SOUTHWEST FLORIDA</p>	<p>ATKINS</p> <p>1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD</th> <th>COUNTY</th> <th>COUNTY PROJECT NO.</th> </tr> <tr> <td>STRINGFELLOW ROAD</td> <td>LEE</td> <td>206002</td> </tr> </table>		ROAD	COUNTY	COUNTY PROJECT NO.	STRINGFELLOW ROAD	LEE	206002	<p>PLAN SHEET (2)</p>	<p>SHEET NO. 17</p>
ROAD	COUNTY			COUNTY PROJECT NO.									
STRINGFELLOW ROAD	LEE	206002											
DATE	DESCRIPTION												



10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)



6" CONCRETE DRIVEWAY



MATCHLINE STA. 5+60.00

MATCHLINE STA. 8+40.00

STRINGFELLOW ROAD (COUNTY ROAD 767) (POSTED SPEED 35 MPH)

R/W

EXIST. 8" PVC FM TO REMAIN

N07°07'21" W
STRINGFELLOW RD.

6 7 8

100'

CONTRACTOR TO COORDINATE
ADJUSTMENT OF VALVE BOX
CONTRACTOR TO COORDINATE
ADJUSTMENT OF METER BOX

ASPHALT
PAVEMENT

12" A/C MAIN

+94.49
19.70' RT

+84.29
14.60' RT

21.50' R

DETECTABLE WARNING
PER STANDARD PLANS
INDEX 522-002

FIRE HYD.

REMOVE EXIST. 30" CMP
INLET PROTECTION SYSTEM (TYP.)

REMOVE EXIST. 30" CMP
137' OF 24" RCP @ 0.1%

RELOCATE EXIST. MAILBOX

DECORATIVE
ROCK

24" RCP

(S-7)

(S-8)

155' OF 24" RCP @ 0.1%

+89.39
29.65 RT

+00.70
29.75 RT

BT(B)

BT(B)

BT(B)

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BT(B)

BT(B)

BT(B)

BT(B)

5

4

3

2

CONC.
SLAB

REMOVE EXIST.
18" CMP

CONTRACTOR TO COORDINATE
ADJUSTMENT OF METER BOXES

REMOVE EXIST. CB 1311

CONTRACTOR TO COORDINATE
ADJUSTMENT OF METER BOXES

REMOVE EXIST. CB 1327

CONTRACTOR TO PRESERVE

(S-7)
STA. 6+00.00 (34.83 RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. ON GRADE
N. INV. EL. -0.67' (24" RCP)
S. INV. EL. -0.67' (24" RCP)

(S-8)
STA. 7+40.00 (35.36 RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 2.90'
N. INV. EL. -0.5' (24" RCP)
S. INV. EL. -0.5' (24" RCP)

CB #1311
RIM EL 3.85
BOT. EL 0.2
NW
INV. EL 0.2 C.M.P. 30"
SE
INV. EL 0.2 C.M.P. 30"

3-CB #1327
RIM EL 3.75
BOT. EL. N/A
NW
INV. EL 0.6 C.M.P. 18"
SE
INV. EL 0.45 C.M.P. 30"

REVISIONS	
DATE	DESCRIPTION



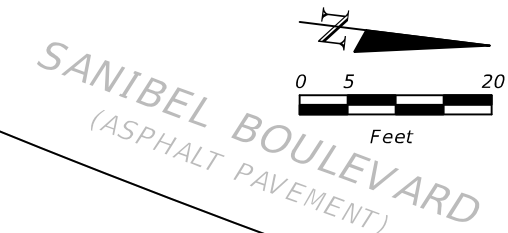
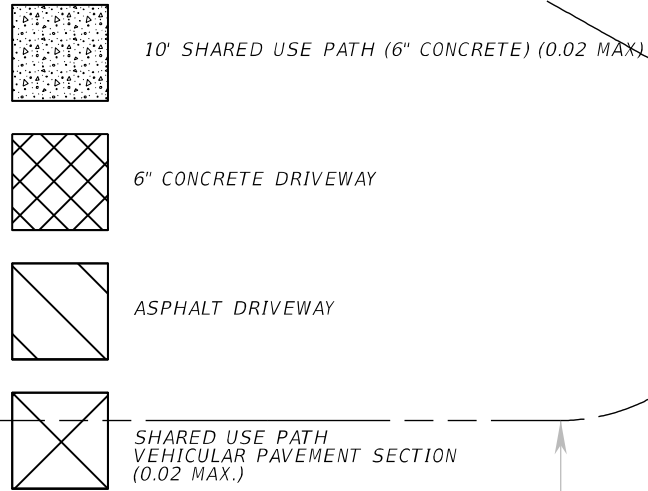
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1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Michael T. Johnson, P.E. 84341

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (3)

SHEET NO.
18

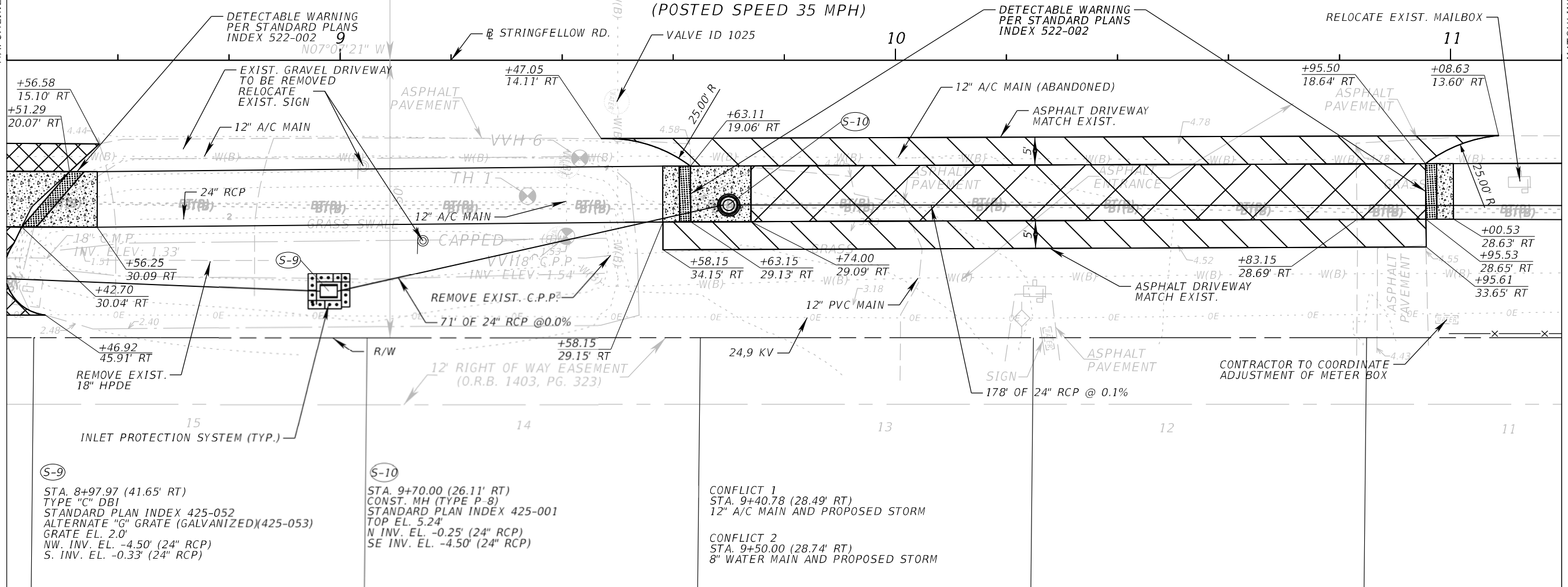
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MATCHLINE STA. 8+40.00

MATCHLINE STA. 11+20.00

STRINGFELLOW ROAD
(COUNTY ROAD 767)
(POSTED SPEED 35 MPH)



S-9
STA. 8+97.97 (41.65' RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 2.0'
NW INV. EL. -4.50' (24" RCP)
S INV. EL. -0.33' (24" RCP)

S-10
STA. 9+70.00 (26.11' RT)
CONST. MH (TYPE P-8)
STANDARD PLAN INDEX 425-001
TOP EL. 5.24'
N INV. EL. -0.25' (24" RCP)
SE INV. EL. -4.50' (24" RCP)

CONFLICT 1
STA. 9+40.78 (28.49' RT)
12" A/C MAIN AND PROPOSED STORM

CONFLICT 2
STA. 9+50.00 (28.74' RT)
8" WATER MAIN AND PROPOSED STORM

REVISIONS	
DATE	DESCRIPTION



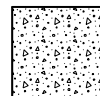
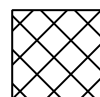
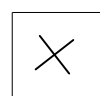
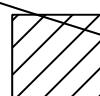
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Michael T. Johnson, P.E. 84341

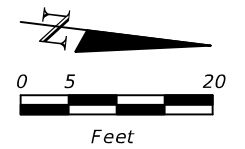
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (4)

SHEET NO.
19

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-  10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)
-  6" CONCRETE DRIVEWAY
-  TREE TO BE REMOVED
-  EXIST. PAVERS TO BE ADJUSTED

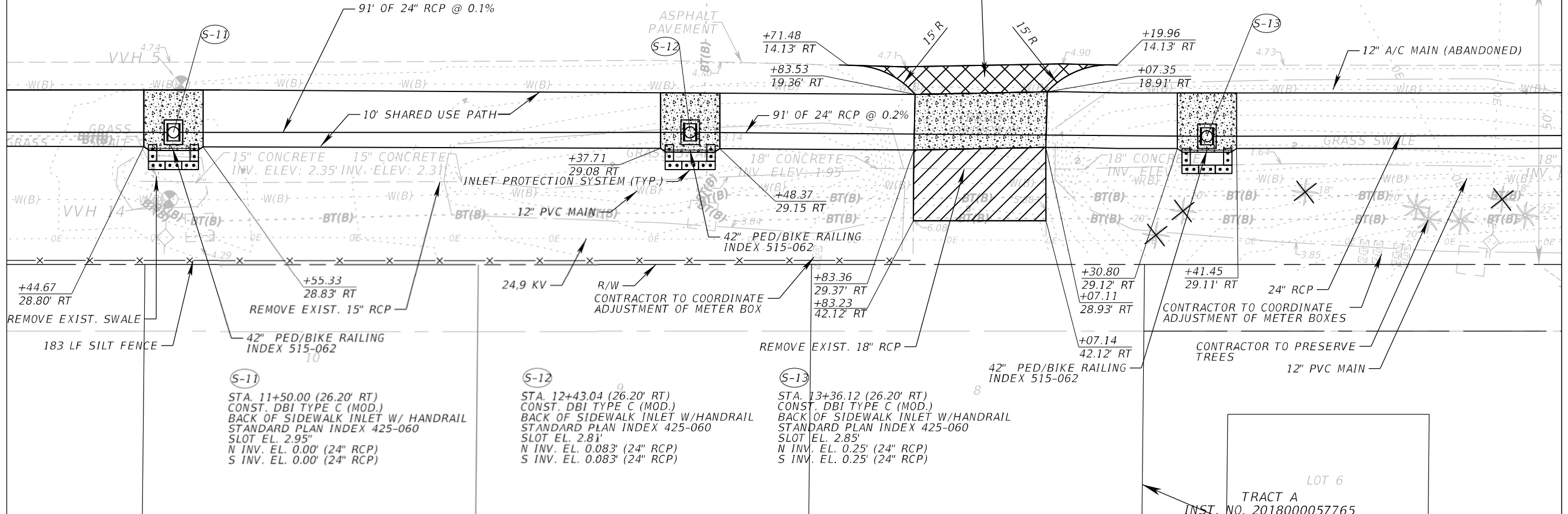


MATCHLINE STA. 11+20.00

MATCHLINE STA. 14+00.00

STRINGFELLOW ROAD
(COUNTY ROAD 767)
(POSTED SPEED 35 MPH)

SANIBEL BOULEVARD
(ASPHALT PAVEMENT)



REVISIONS	
DATE	DESCRIPTION



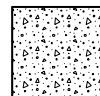
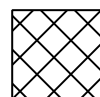
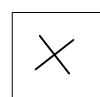
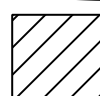
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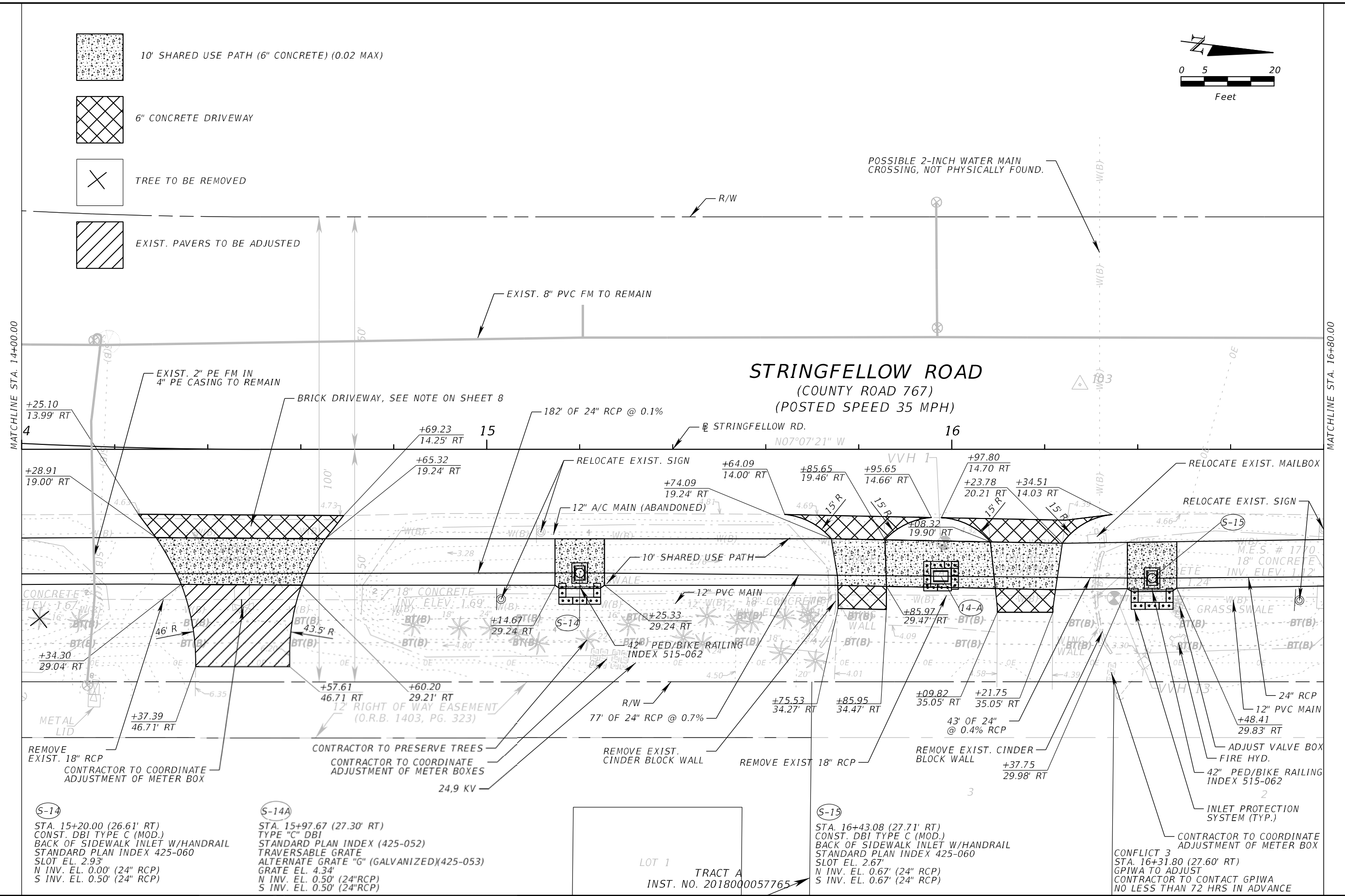
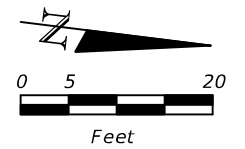
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (5)

SHEET NO.
20

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-  10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)
-  6" CONCRETE DRIVEWAY
-  TREE TO BE REMOVED
-  EXIST. PAVERS TO BE ADJUSTED



(S-14)
 STA. 15+20.00 (26.61' RT)
 CONST. DBI TYPE C (MOD.)
 BACK OF SIDEWALK INLET W/HANDRAIL
 STANDARD PLAN INDEX 425-060
 SLOT EL. 2.93'
 N INV. EL. 0.00' (24" RCP)
 S INV. EL. 0.50' (24" RCP)

(S-14A)
 STA. 15+97.67 (27.30' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX (425-052)
 TRAVERSABLE GRATE
 ALTERNATE GRATE "G" (GALVANIZED)(425-053)
 GRATE EL. 4.34'
 N INV. EL. 0.50' (24" RCP)
 S INV. EL. 0.50' (24" RCP)

(S-15)
 STA. 16+43.08 (27.71' RT)
 CONST. DBI TYPE C (MOD.)
 BACK OF SIDEWALK INLET W/HANDRAIL
 STANDARD PLAN INDEX 425-060
 SLOT EL. 2.67'
 N INV. EL. 0.67' (24" RCP)
 S INV. EL. 0.67' (24" RCP)

CONFLICT 3
 STA. 16+31.80 (27.60' RT)
 GPIWA TO ADJUST
 CONTRACTOR TO CONTACT GPIWA
 NO LESS THAN 72 HRS IN ADVANCE

REVISIONS	
DATE	DESCRIPTION



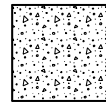
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 FBPE Certificate of Authorization No. 24
 Michael T. Johnson, P.E. 84341

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

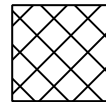
PLAN SHEET (6)

SHEET NO.
21

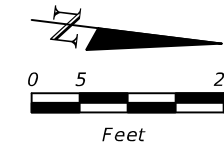
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10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)



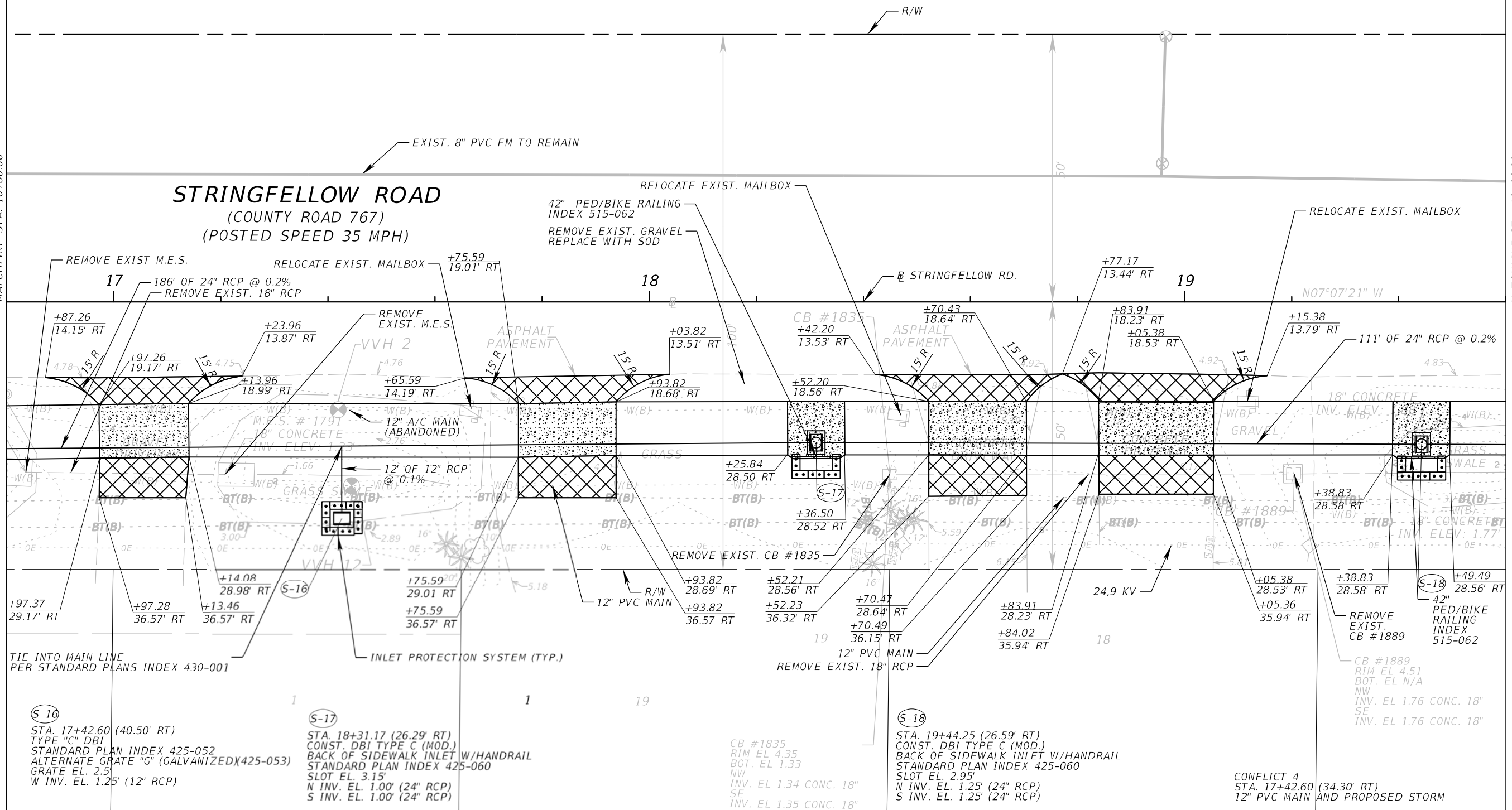
6" CONCRETE DRIVEWAY



MATCHLINE STA. 16+80.00

MATCHLINE STA. 19+60.00

STRINGFELLOW ROAD (COUNTY ROAD 767) (POSTED SPEED 35 MPH)



REMOVE EXIST. M.E.S.
17
186' OF 24" RCP @ 0.2%
REMOVE EXIST. 18" RCP

RELOCATE EXIST. MAILBOX
+75.59
19.01' RT

RELOCATE EXIST. MAILBOX
+75.59
19.01' RT

RELOCATE EXIST. MAILBOX
+77.17
13.44' RT

RELOCATE EXIST. MAILBOX
+15.38
13.79' RT

+97.37
29.17' RT
+97.28
36.57' RT
+13.46
36.57' RT

+14.08
28.98' RT
+75.59
29.01' RT
+75.59
36.57' RT

+93.82
28.69' RT
+93.82
36.57' RT

+52.21
28.56' RT
+52.23
36.32' RT

+70.47
28.64' RT
+70.49
36.15' RT

+83.91
28.23' RT
+84.02
35.94' RT

+05.38
28.53' RT
+05.36
35.94' RT

TIE INTO MAIN LINE
PER STANDARD PLANS INDEX 430-001

INLET PROTECTION SYSTEM (TYP.)

(S-16)
STA. 17+42.60 (40.50' RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE GRATE "G" (GALVANIZED)(425-053)
GRATE EL. 2.5'
W INV. EL. 1.25' (12" RCP)

(S-17)
STA. 18+31.17 (26.29' RT)
CONST. DBI TYPE C (MOD.)
BACK OF SIDEWALK INLET W/HANDRAIL
STANDARD PLAN INDEX 425-060
SLOT EL. 3.15'
N INV. EL. 1.00' (24" RCP)
S INV. EL. 1.00' (24" RCP)

CB #1835
RIM EL. 4.35
BOT. EL. 1.33
NW INV. EL. 1.34 CONC. 18"
SE INV. EL. 1.35 CONC. 18"

(S-18)
STA. 19+44.25 (26.59' RT)
CONST. DBI TYPE C (MOD.)
BACK OF SIDEWALK INLET W/HANDRAIL
STANDARD PLAN INDEX 425-060
SLOT EL. 2.95'
N INV. EL. 1.25' (24" RCP)
S INV. EL. 1.25' (24" RCP)

CONFLICT 4
STA. 17+42.60 (34.30' RT)
12" PVC MAIN AND PROPOSED STORM

REVISIONS	
DATE	DESCRIPTION



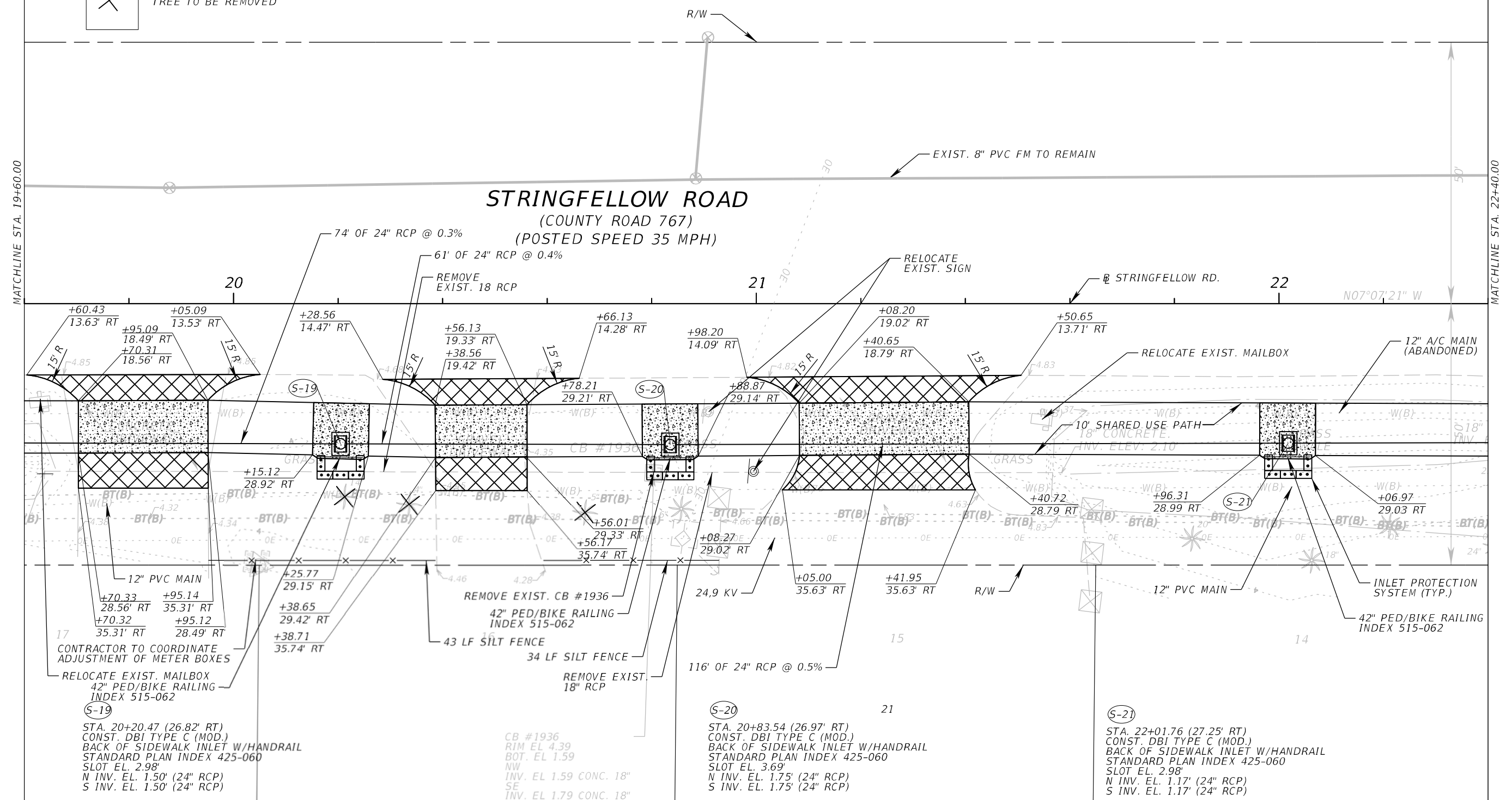
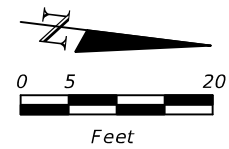
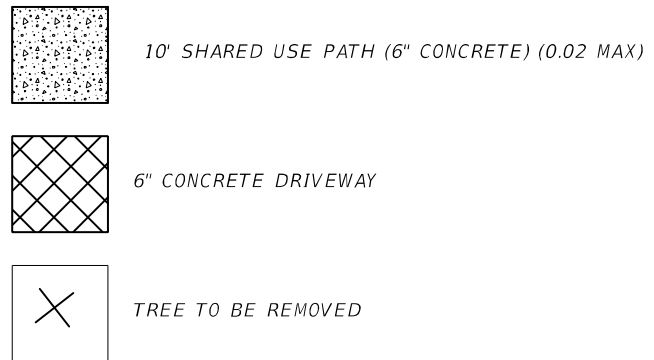
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (7)

SHEET NO.
22

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DATE	DESCRIPTION



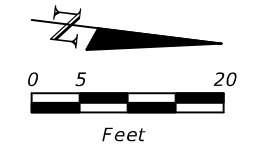
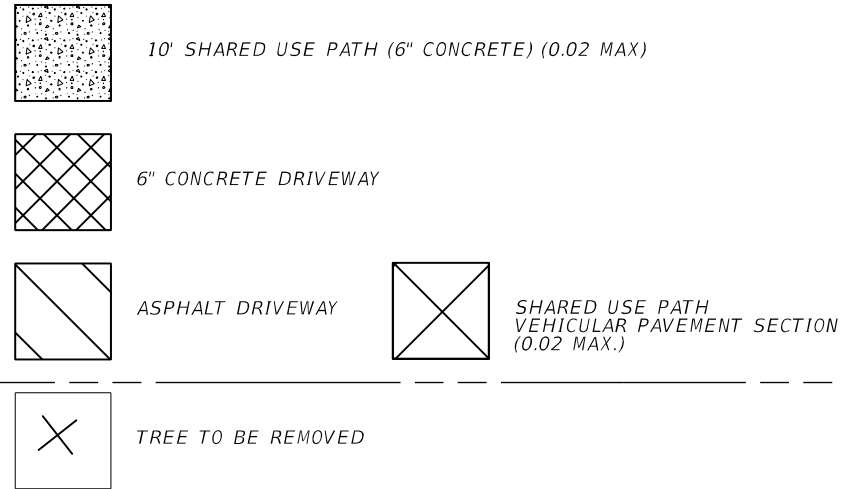
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (8)

SHEET NO.
23

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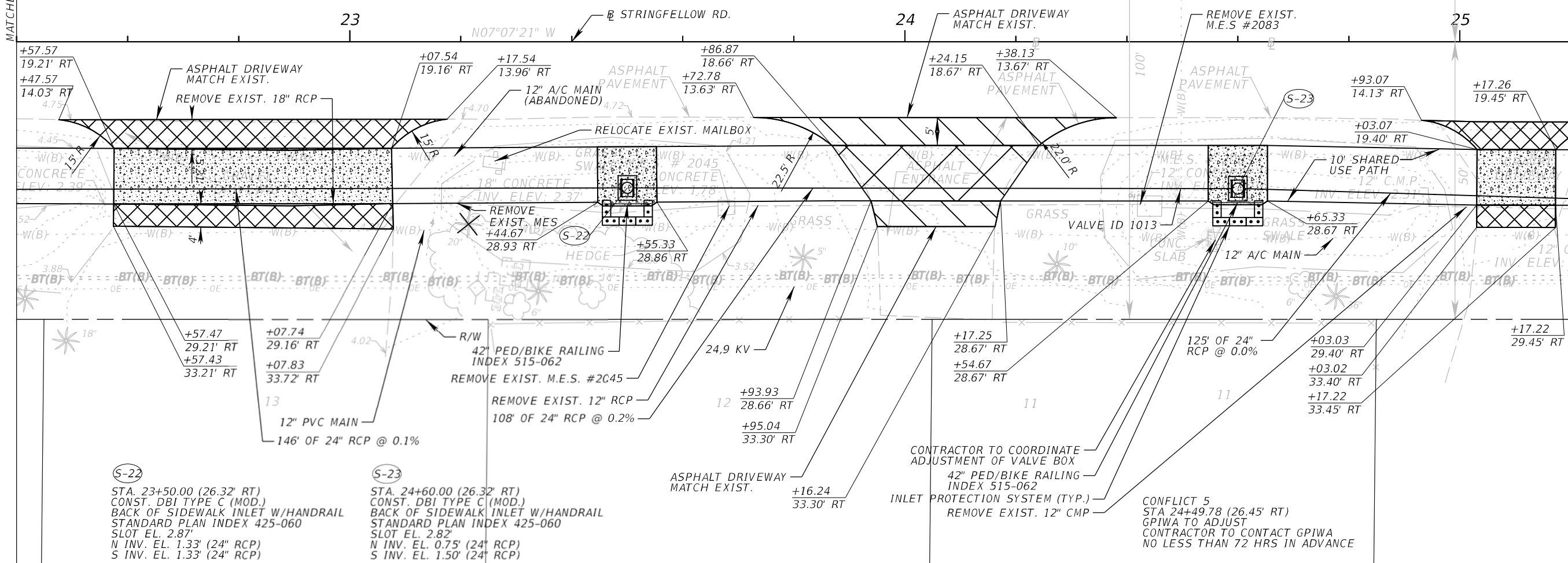


MATCHLINE STA. 22+40.00

MATCHLINE STA. 25+20.00

STRINGFELLOW ROAD
(COUNTY ROAD 767)
(POSTED SPEED 35 MPH)

105



(S-22)
STA. 23+50.00 (26.32' RT)
CONST. DBI TYPE C (MOD.)
BACK OF SIDEWALK INLET W/HANDRAIL
STANDARD PLAN INDEX 425-060
SLOT EL. 2.87'
N INV. EL. 1.33' (24" RCP)
S INV. EL. 1.33' (24" RCP)

(S-23)
STA. 24+60.00 (26.32' RT)
CONST. DBI TYPE C (MOD.)
BACK OF SIDEWALK INLET W/HANDRAIL
STANDARD PLAN INDEX 425-060
SLOT EL. 2.82'
N INV. EL. 0.75' (24" RCP)
S INV. EL. 1.50' (24" RCP)

CONTRACTOR TO COORDINATE
ADJUSTMENT OF VALVE BOX
42" PED/BIKE RAILING
INDEX 515-062
INLET PROTECTION SYSTEM (TYP.)
REMOVE EXIST. 12" CMP

CONFLICT 5
STA 24+49.78 (26.45' RT)
GPIWA TO ADJUST
CONTRACTOR TO CONTACT GPIWA
NO LESS THAN 72 HRS IN ADVANCE

REVISIONS	
DATE	DESCRIPTION



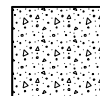
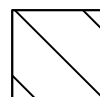
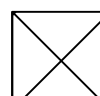
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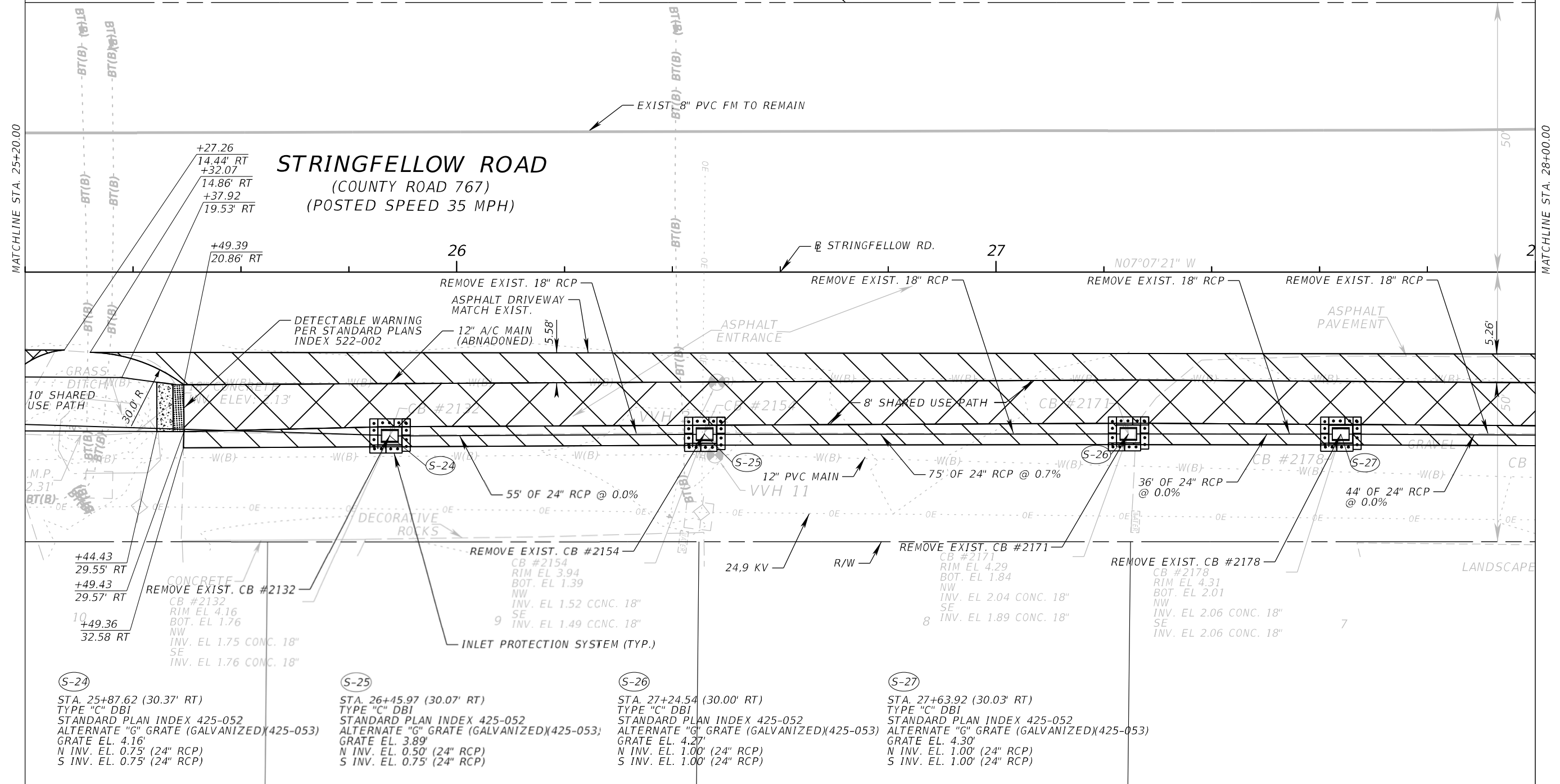
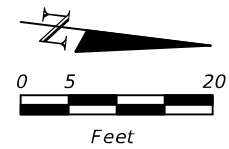
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (9)

SHEET NO.
24

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-  10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)
-  MULTI-LOT ASPHALT FRONTAGE
-  SHARED USE PATH VEHICULAR PAVEMENT SECTION (0.02 MAX.)



S-24
 STA. 25+87.62 (30.37' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 4.16'
 N INV. EL. 0.75' (24" RCP)
 S INV. EL. 0.75' (24" RCP)

S-25
 STA. 26+45.97 (30.07' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 3.89'
 N INV. EL. 0.50' (24" RCP)
 S INV. EL. 0.75' (24" RCP)

S-26
 STA. 27+24.54 (30.00' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 4.27'
 N INV. EL. 1.00' (24" RCP)
 S INV. EL. 1.00' (24" RCP)

S-27
 STA. 27+63.92 (30.03' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 4.30'
 N INV. EL. 1.00' (24" RCP)
 S INV. EL. 1.00' (24" RCP)

REVISIONS	
DATE	DESCRIPTION



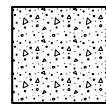
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

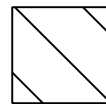
PLAN SHEET (10)

SHEET NO.
25

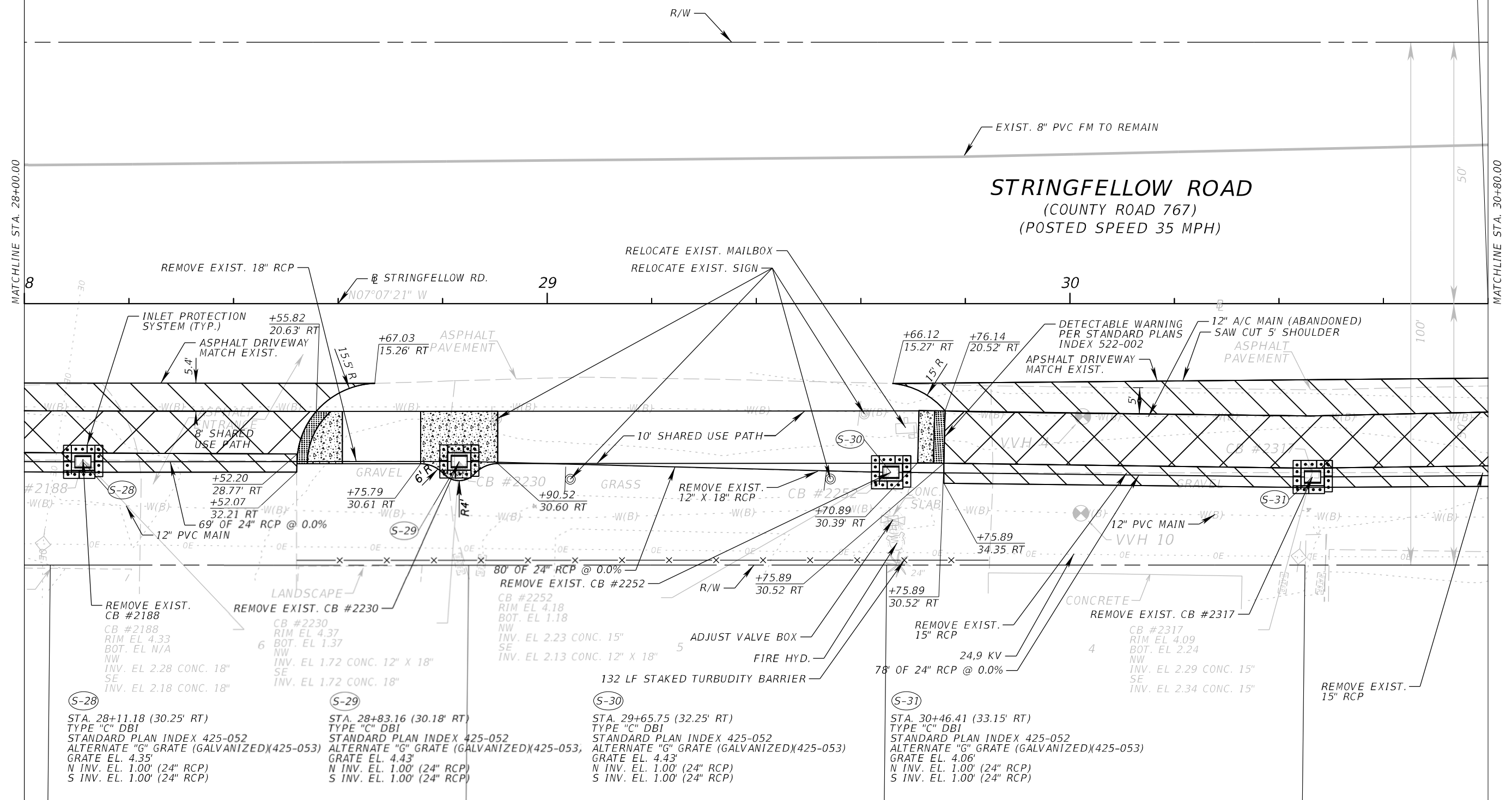
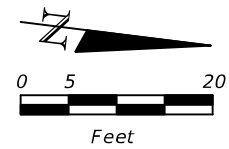
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10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)



MULTI-LOT ASPHALT FRONTAGE



(S-28)
STA. 28+11.18 (30.25' RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 4.35'
N INV. EL. 1.00' (24" RCP)
S INV. EL. 1.00' (24" RCP)

REMOVE EXIST. CB #2188
CB #2188
RIM EL. 4.33
BOT. EL. N/A
NW
INV. EL. 2.28 CONC. 18"
SE
INV. EL. 2.18 CONC. 18"

(S-29)
STA. 28+33.16 (30.18' RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 4.43'
N INV. EL. 1.00' (24" RCP)
S INV. EL. 1.00' (24" RCP)

REMOVE EXIST. CB #2230
CB #2230
RIM EL. 4.37
BOT. EL. 1.37
NW
INV. EL. 1.72 CONC. 12" X 18"
SE
INV. EL. 1.72 CONC. 18"

(S-30)
STA. 29+65.75 (32.25' RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 4.43'
N INV. EL. 1.00' (24" RCP)
S INV. EL. 1.00' (24" RCP)

REMOVE EXIST. CB #2252
CB #2252
RIM EL. 4.18
BOT. EL. 1.18
NW
INV. EL. 2.23 CONC. 15"
SE
INV. EL. 2.13 CONC. 12" X 18"

(S-31)
STA. 30+46.41 (33.15' RT)
TYPE "C" DBI
STANDARD PLAN INDEX 425-052
ALTERNATE "G" GRATE (GALVANIZED)(425-053)
GRATE EL. 4.06'
N INV. EL. 1.00' (24" RCP)
S INV. EL. 1.00' (24" RCP)

REMOVE EXIST. 15" RCP
CB #2317
RIM EL. 4.09
BOT. EL. 2.24
NW
INV. EL. 2.29 CONC. 15"
SE
INV. EL. 2.34 CONC. 15"

REVISIONS	
DATE	DESCRIPTION



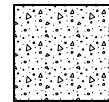
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

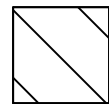
PLAN SHEET (11)

SHEET NO.	26
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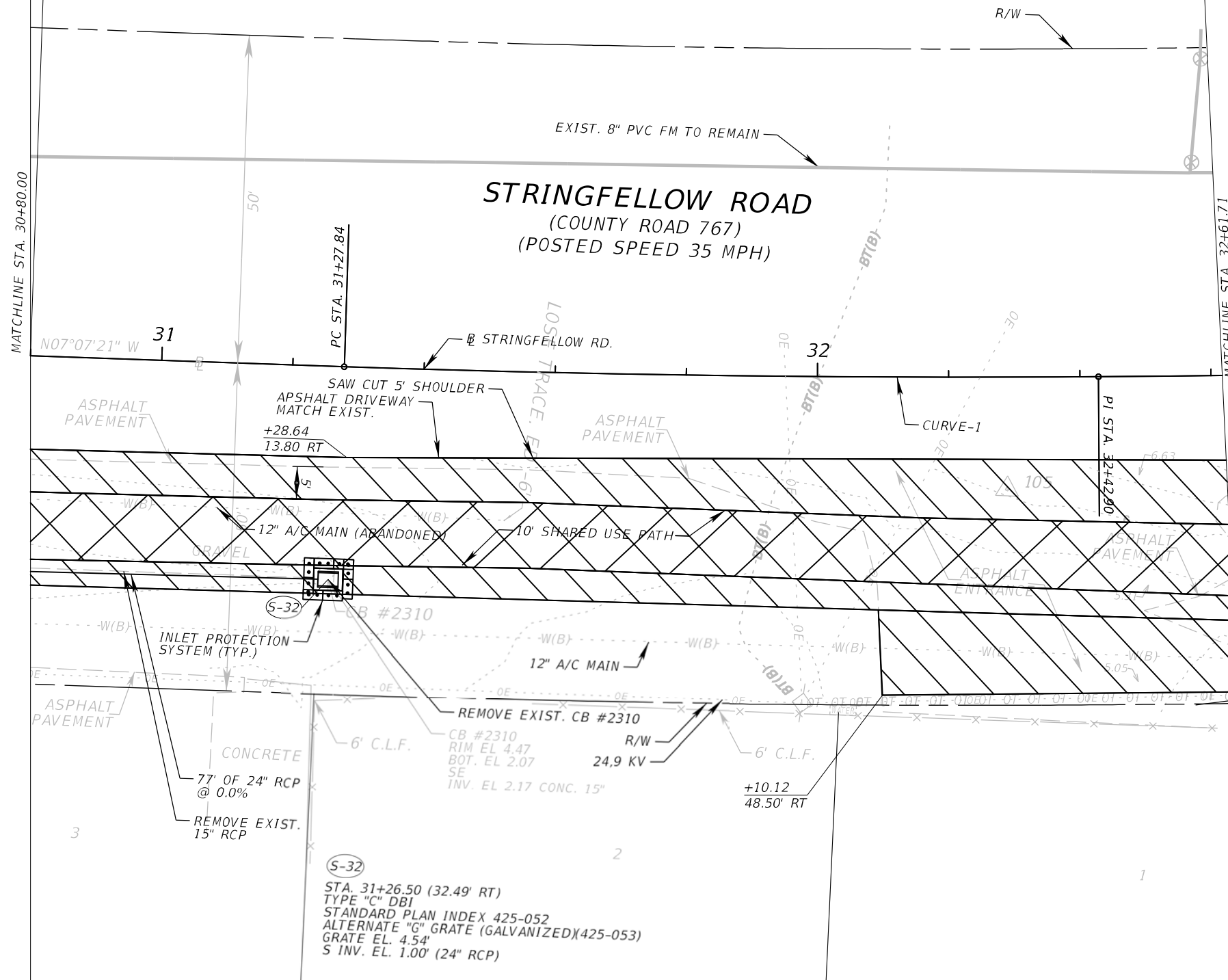
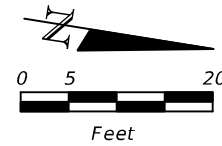
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10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)



MULTI-LOT ASPHALT FRONTAGE



CURVE DATA CURVE-1
 PI STA. = 32+42.90
 Δ = 4° 36' 00" (LT)
 D = 2° 00' 00"
 T = 115.06
 L = 230.00
 R = 2,864.79
 PC STA. = 31+27.84
 PT STA. = 33+57.84



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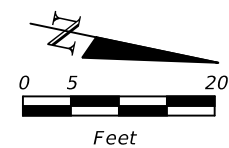
LEE COUNTY
 DEPARTMENT OF TRANSPORTATION
 ROAD COUNTY COUNTY PROJECT NO.
 STRINGFELLOW ROAD LEE 206002

PLAN SHEET (12)

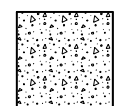
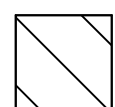
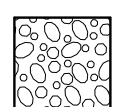
SHEET NO. 27

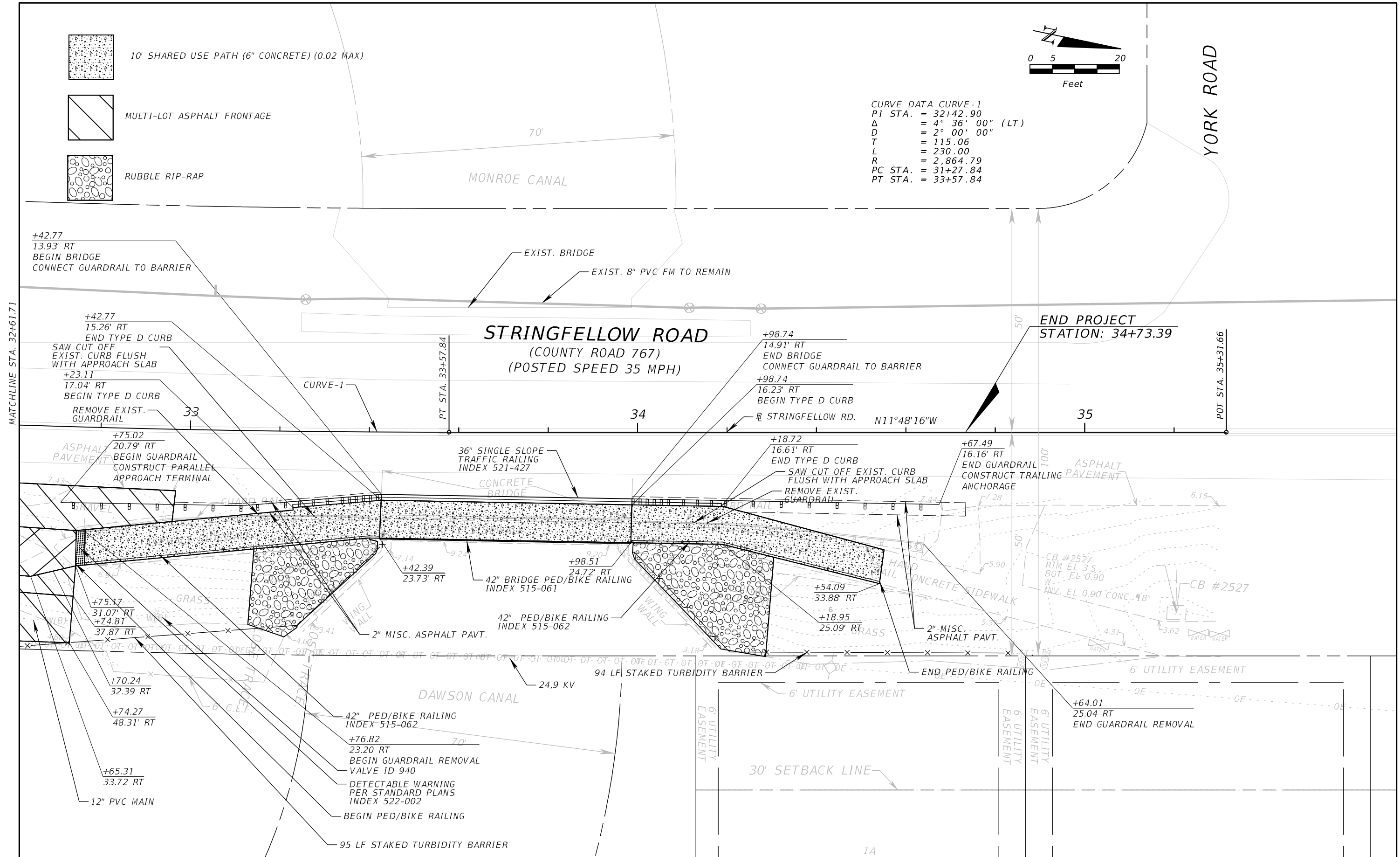
REVISIONS	
DATE	DESCRIPTION

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CURVE DATA CURVE-1
 PI STA. = 32+42.90
 Δ = 4° 36' 00" (LT)
 D = 2° 00' 00"
 T = 115.06
 L = 230.00
 R = 2,864.79
 PC STA. = 31+27.84
 PT STA. = 33+57.84

-  10' SHARED USE PATH (6" CONCRETE) (0.02 MAX)
-  MULTI-LOT ASPHALT FRONTAGE
-  RUBBLE RIP-RAP



MATCHLINE STA. 32+61.71

YORK ROAD

END PROJECT
 STATION: 34+73.39

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REVISIONS	
DATE	DESCRIPTION

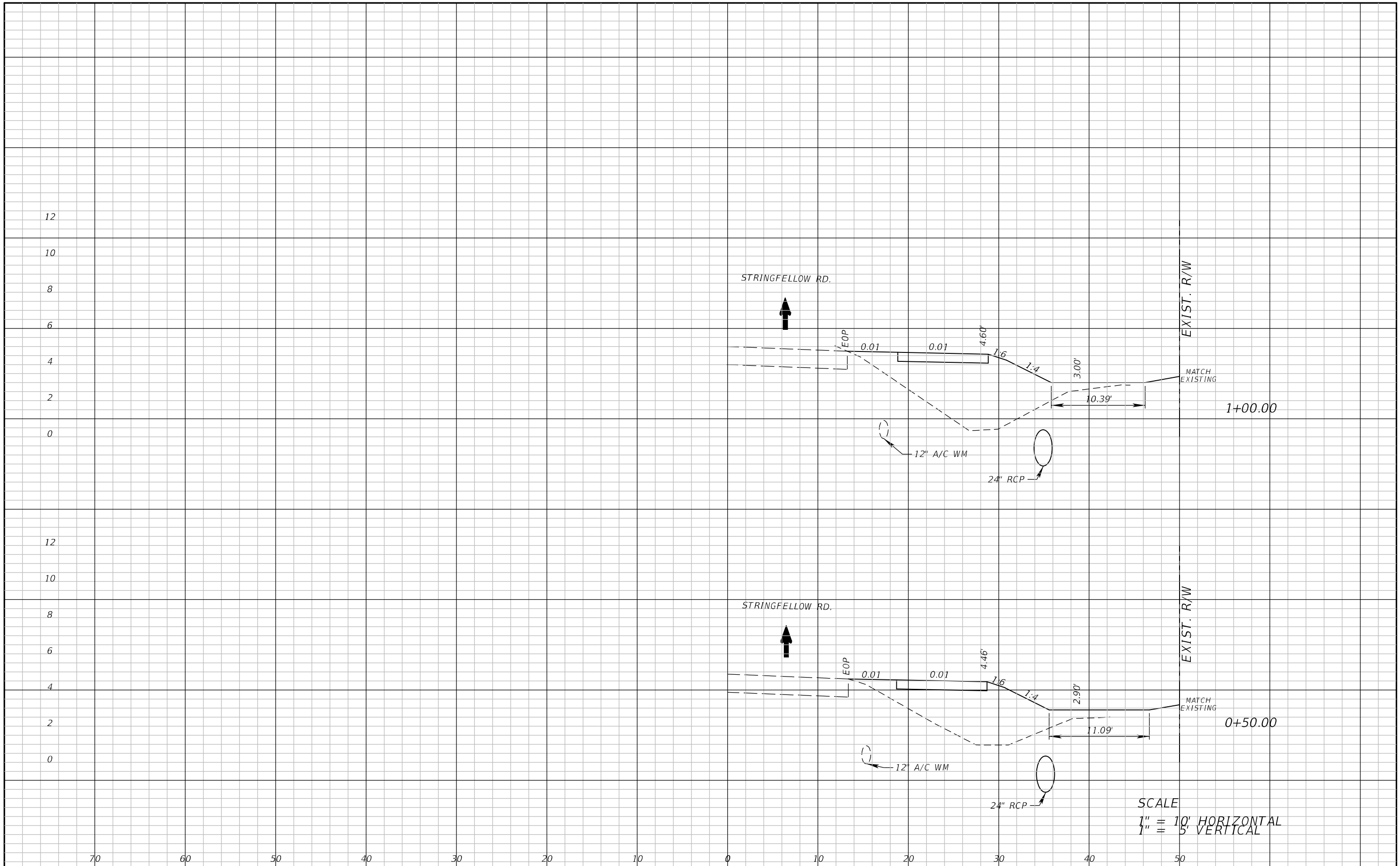


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

PLAN SHEET (13)

SHEET NO.
28



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



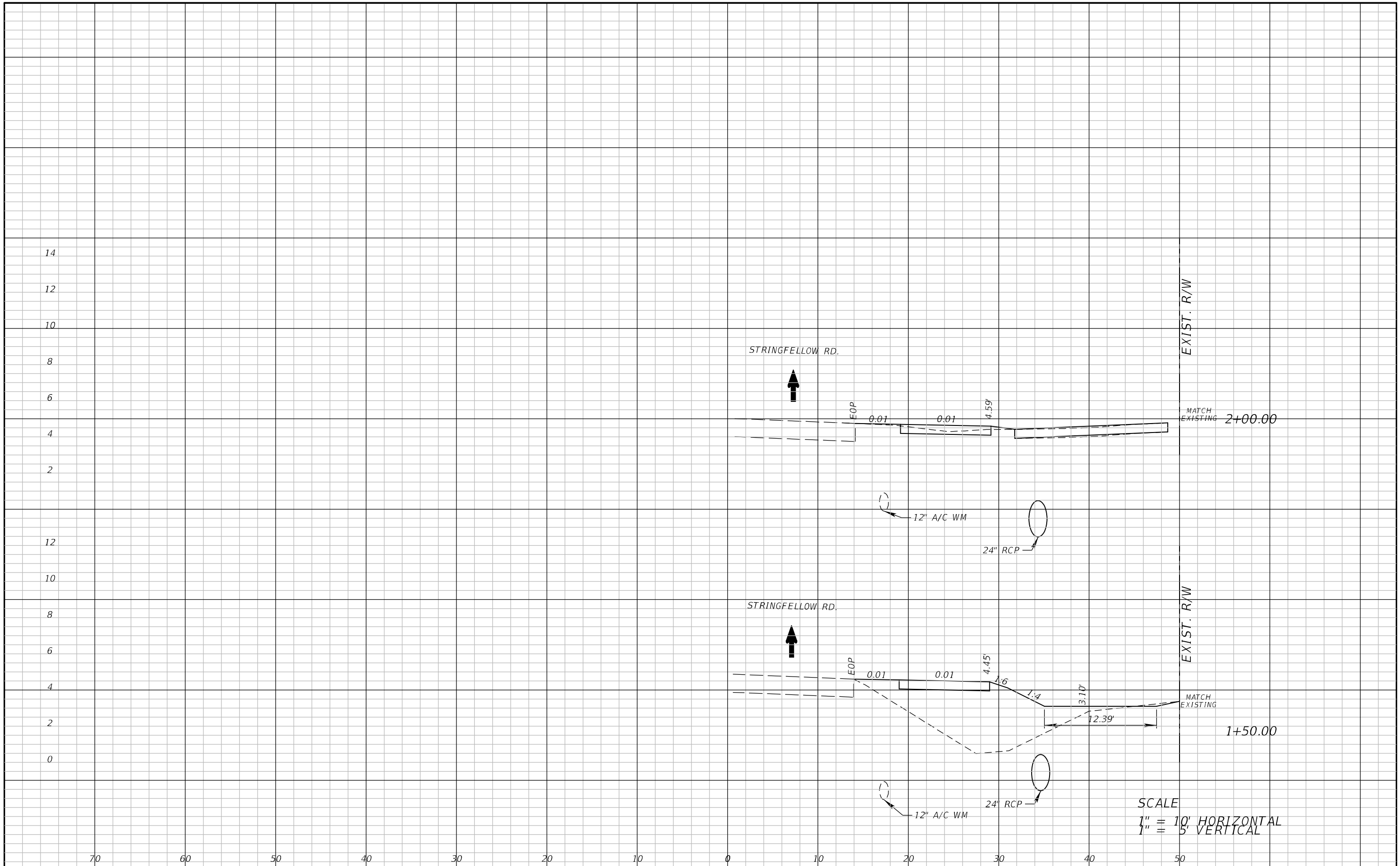
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (1)

SHEET NO.
29

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



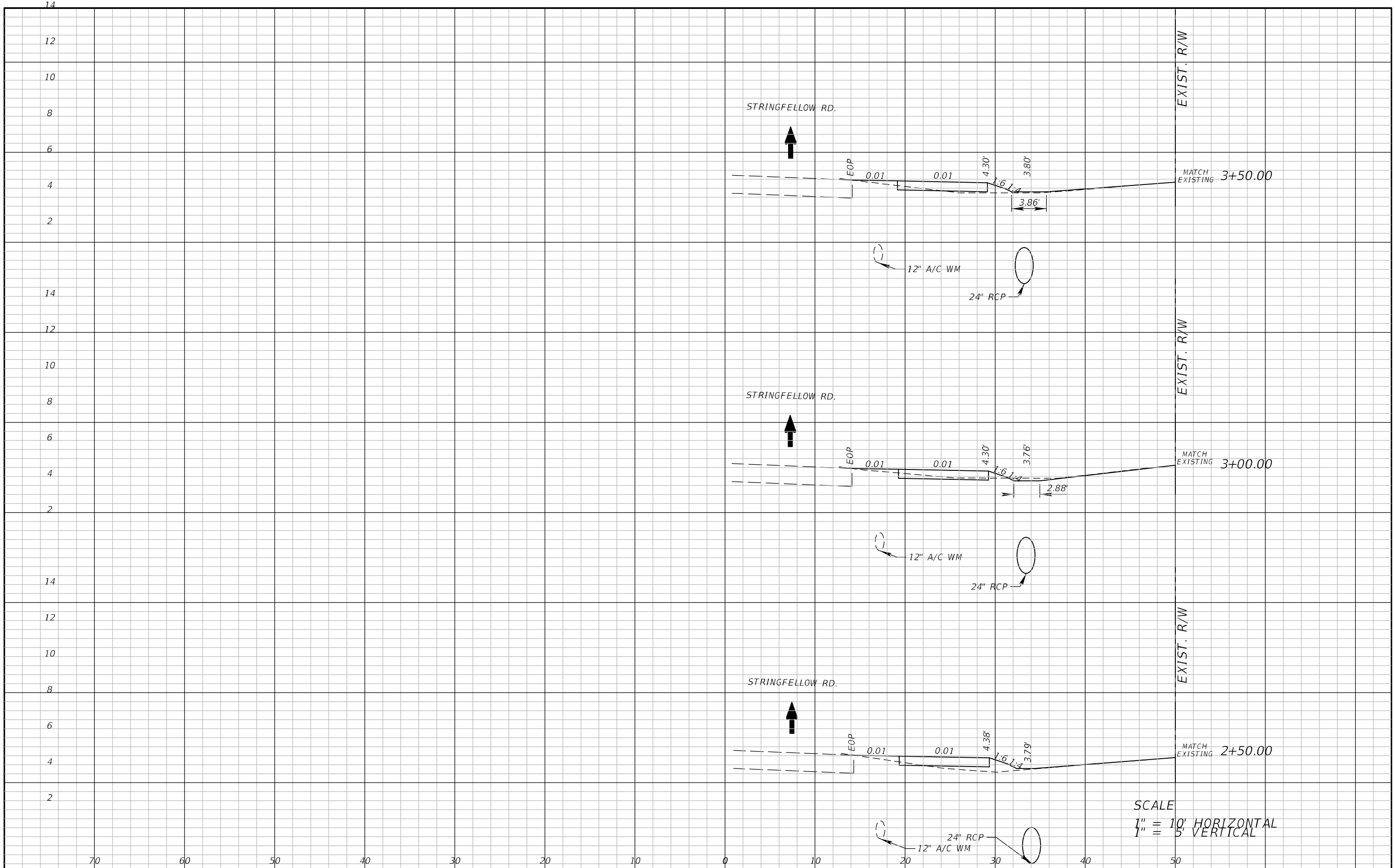
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (2)

SHEET NO.
30

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



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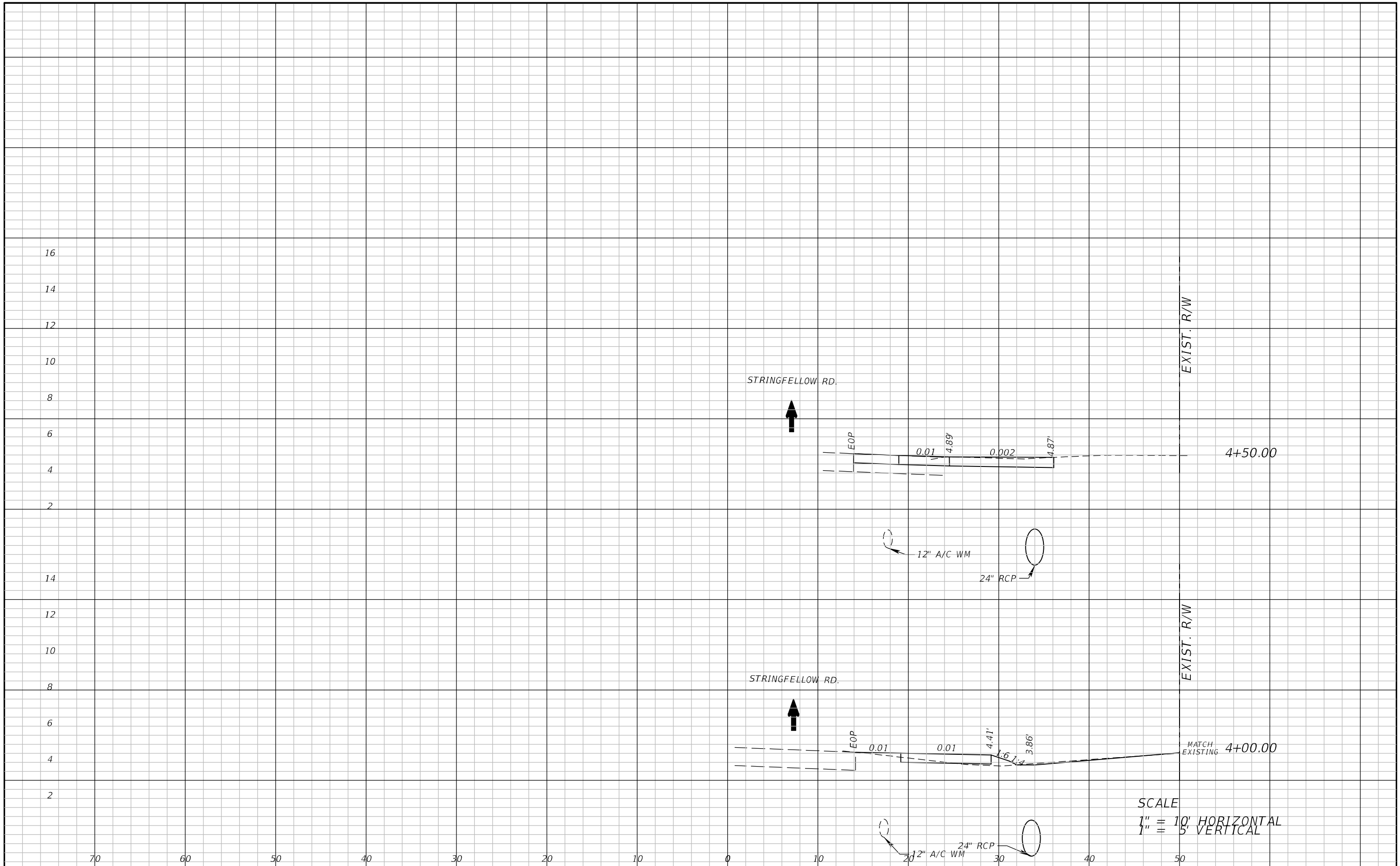
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (3)

SHEET NO.
31

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION

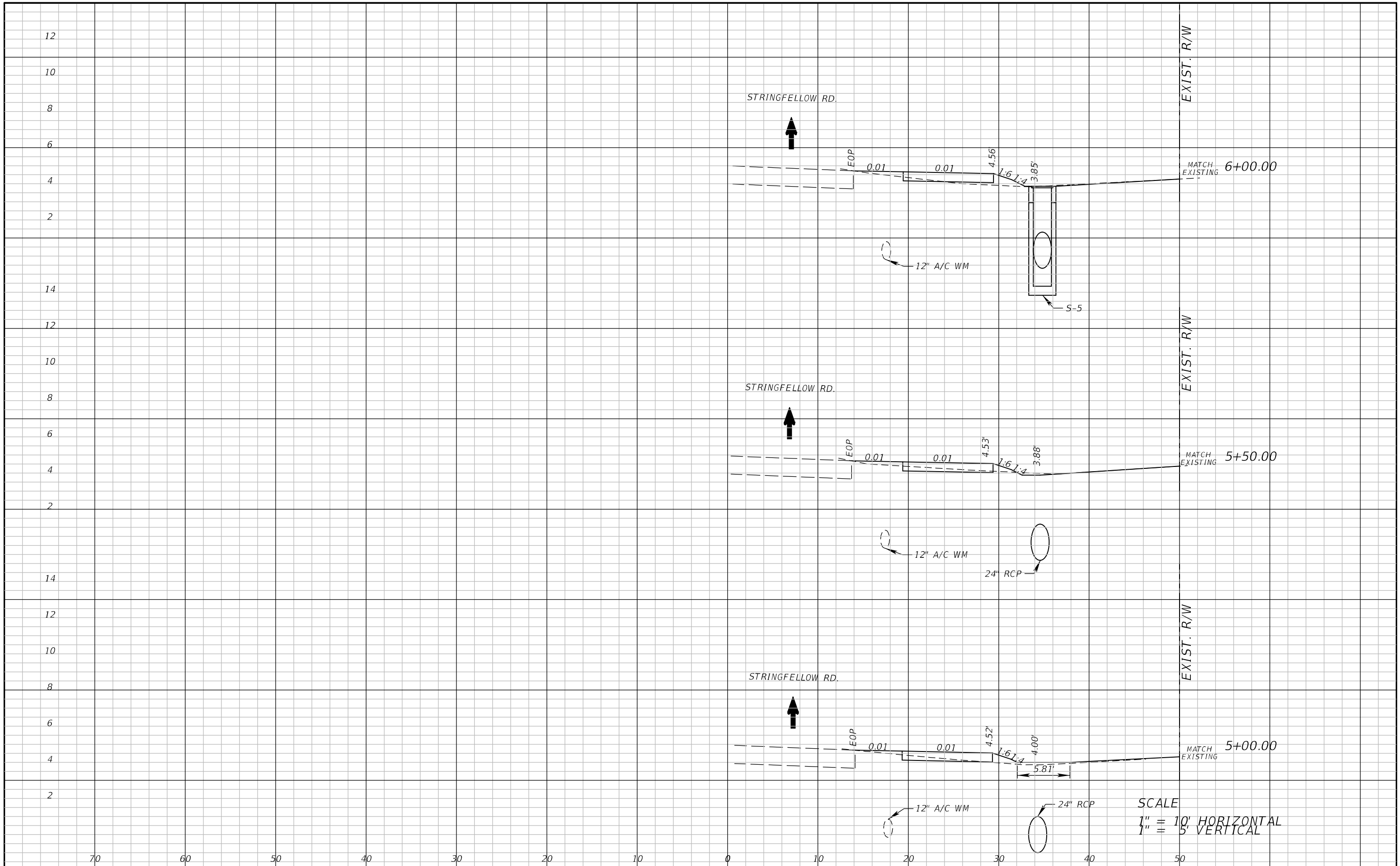


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 FBPE Certificate of Authorization No. 24
 Michael T. Johnson, P.E. 84341

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (4)

SHEET NO.
32



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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REVISIONS	
DATE	DESCRIPTION

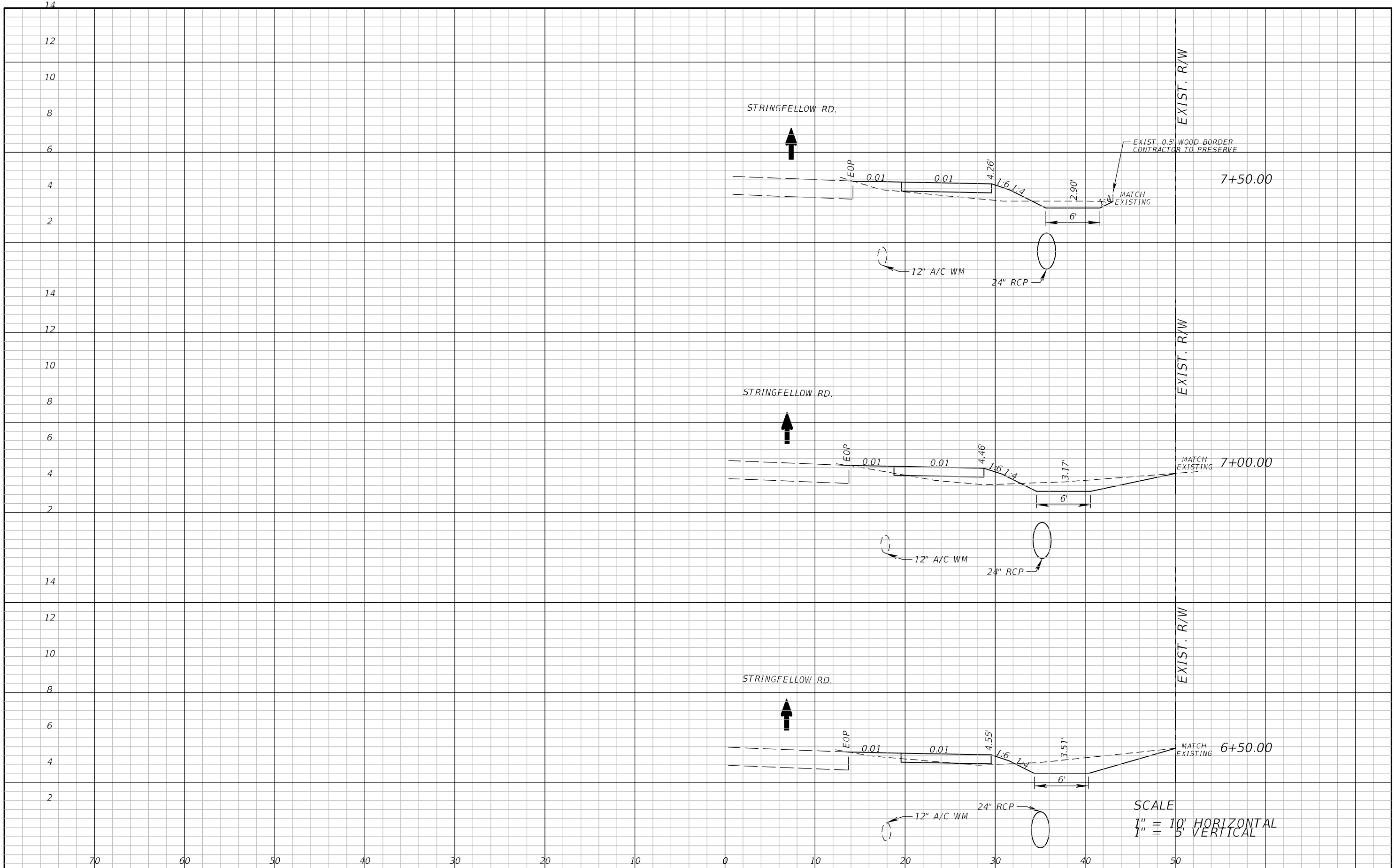


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (5)

SHEET NO.
33



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



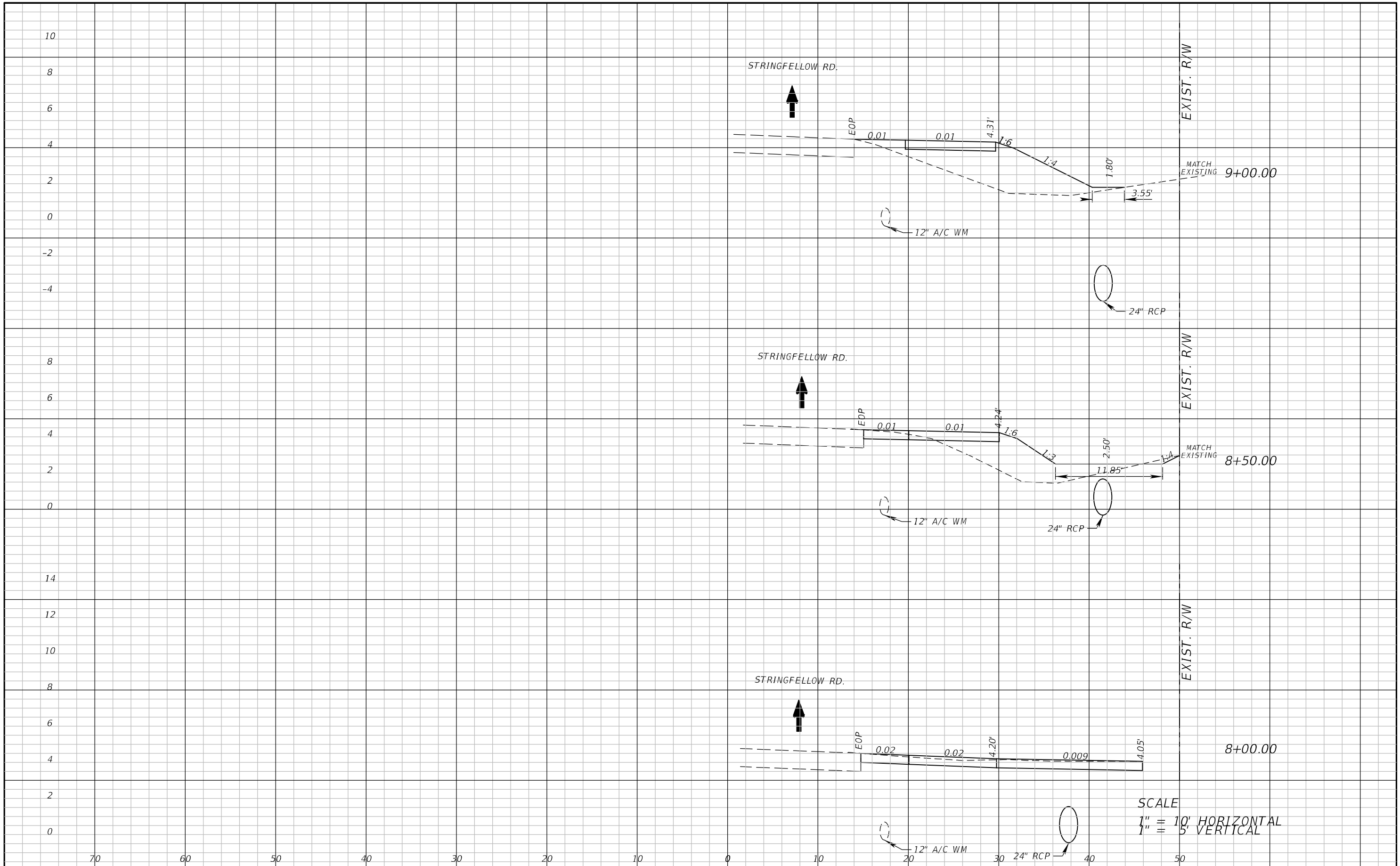
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (6)

SHEET NO.
34

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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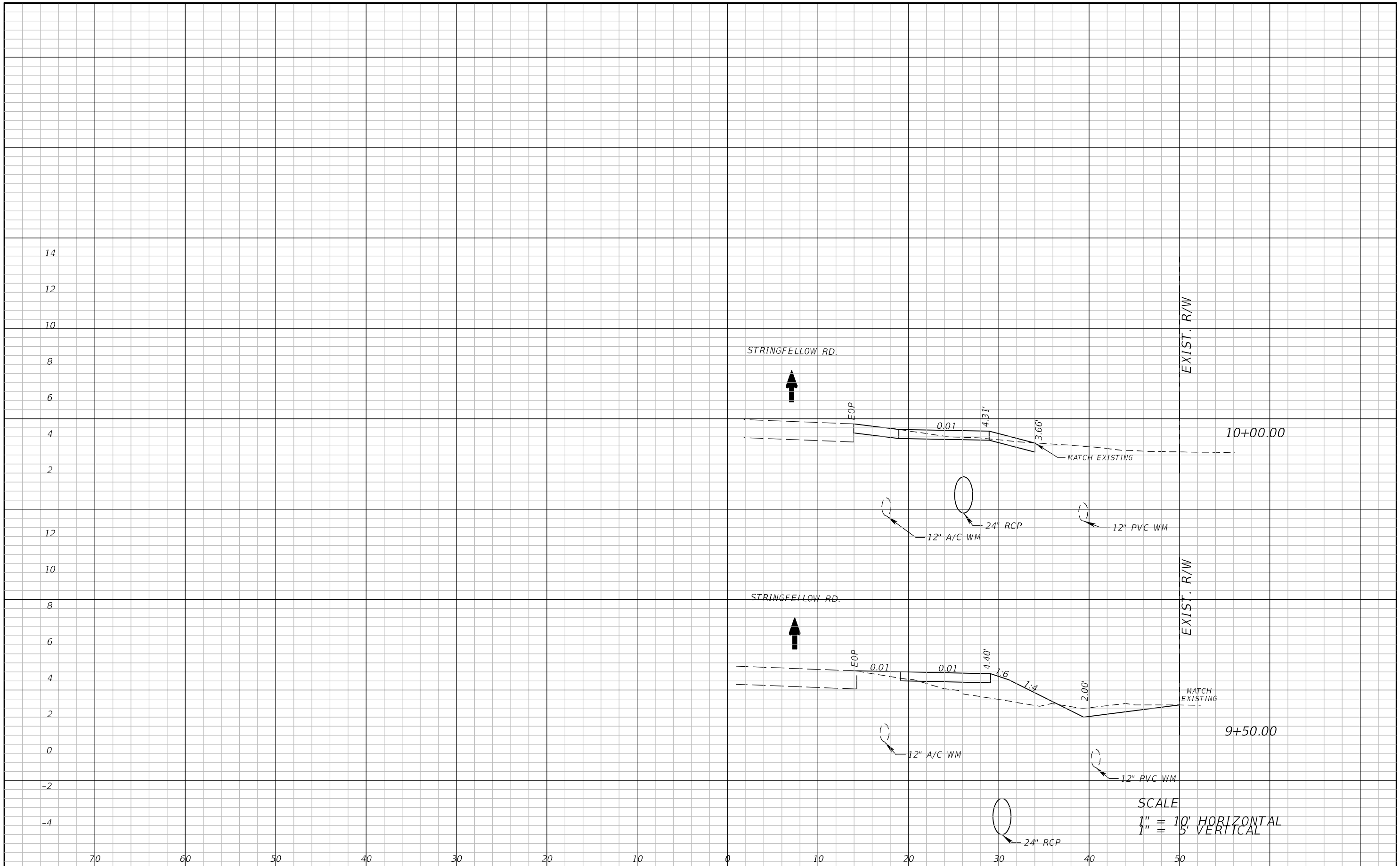
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (7)

SHEET NO.
35

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION

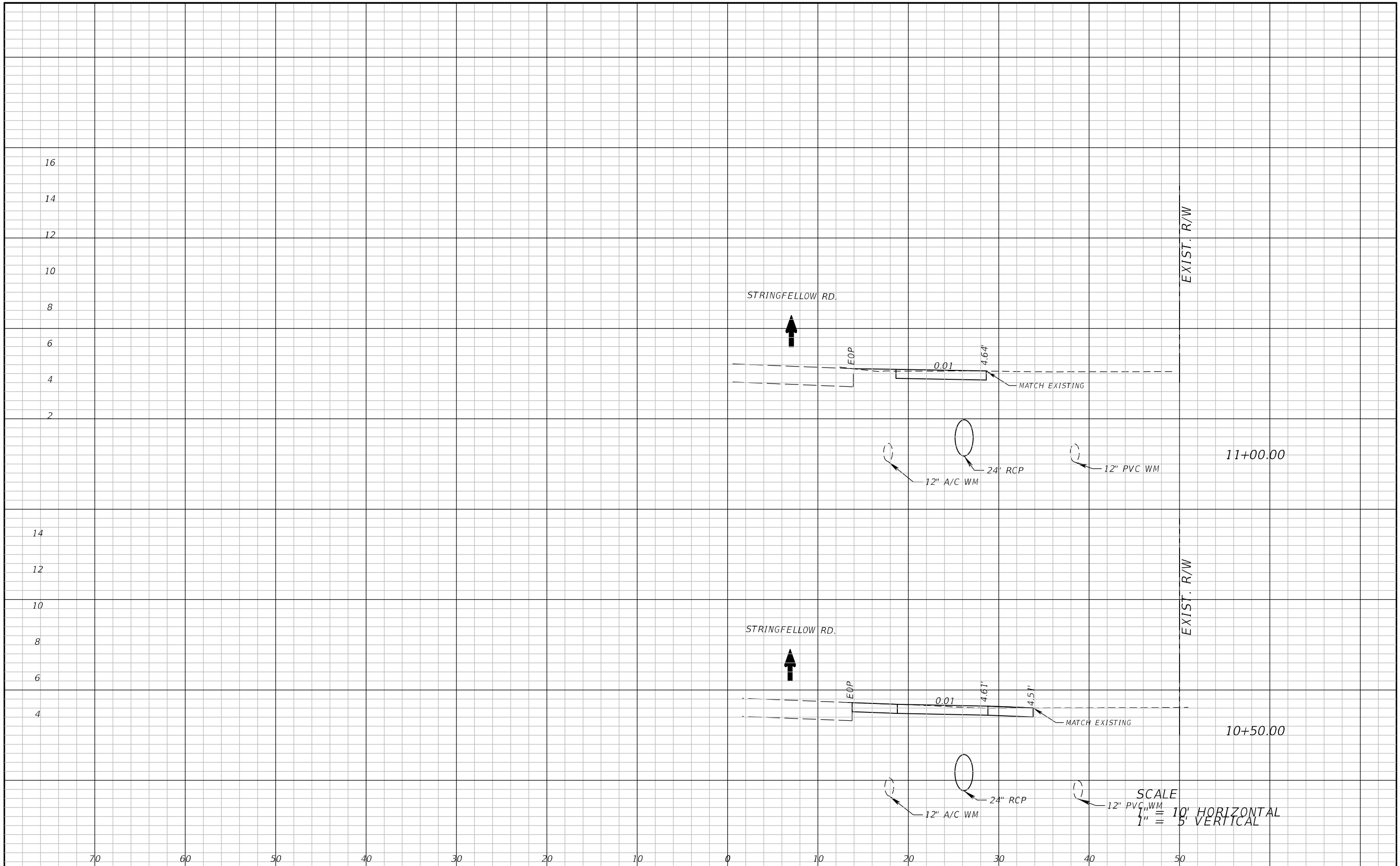


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (8)

SHEET NO.
36



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DATE	DESCRIPTION

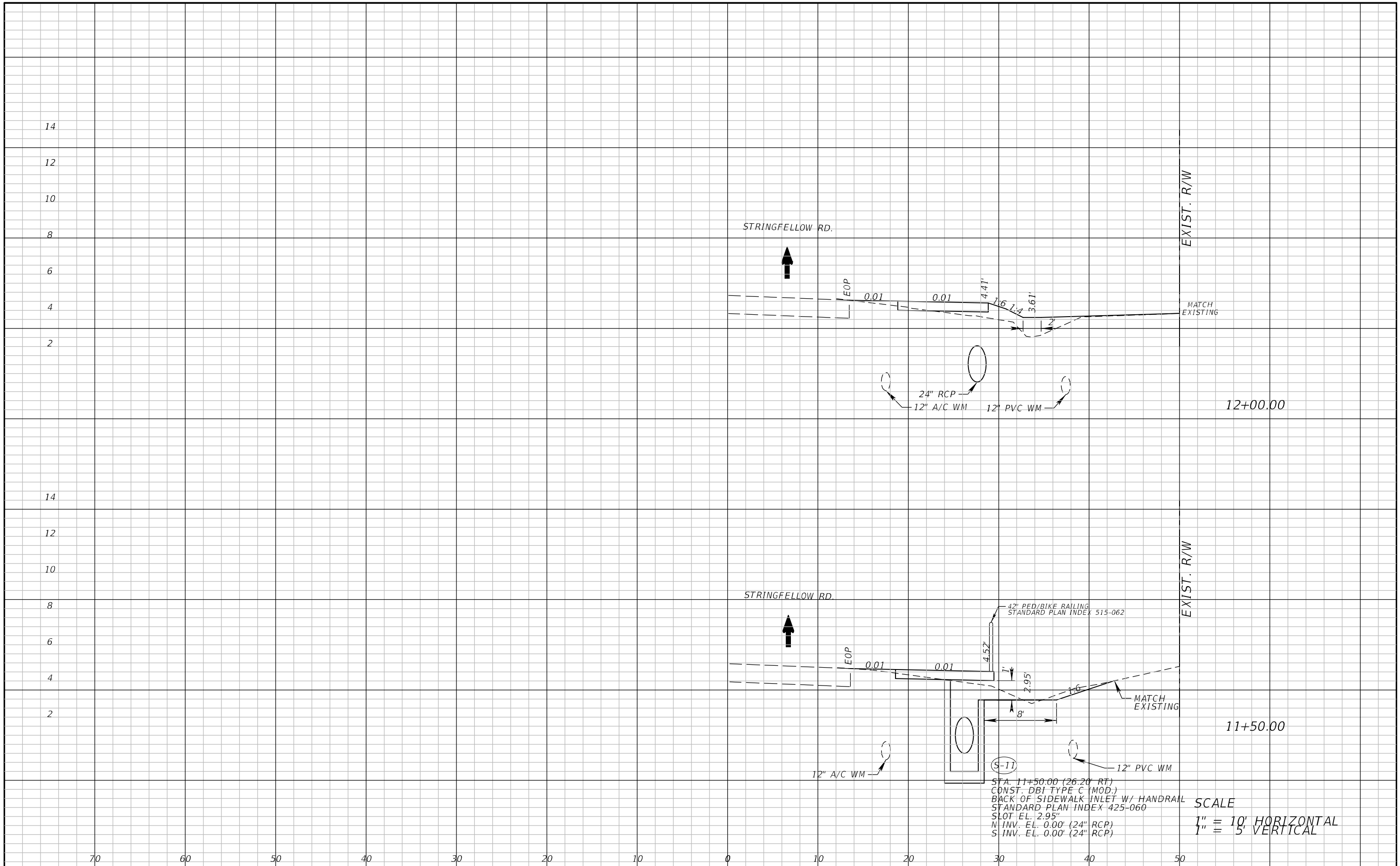


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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (9)

SHEET NO.
37



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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

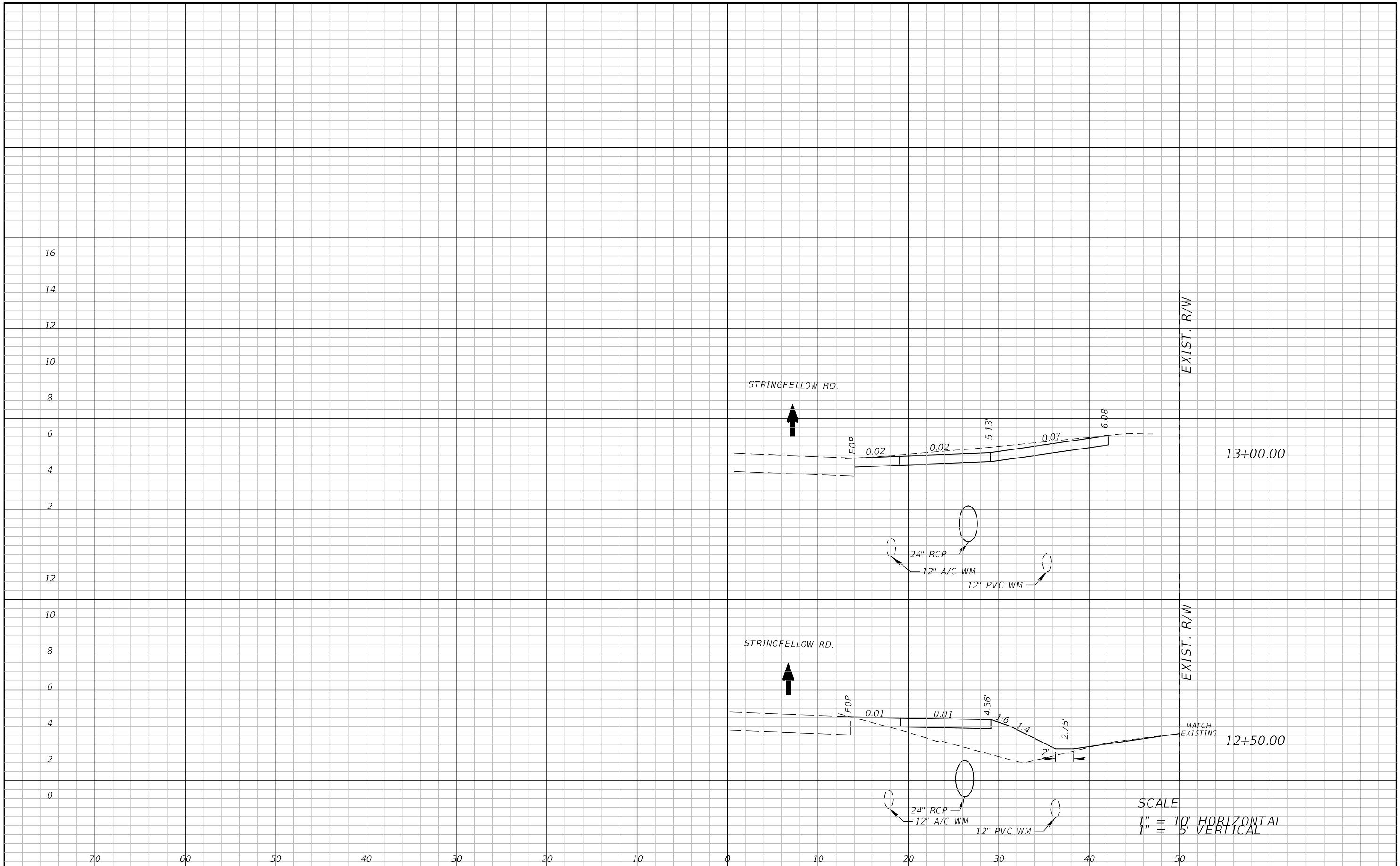
CROSS SECTION SHEET (10)

SHEET NO.
38

SFA: 11+50.00 (26.20' RT)
 CONST. DBI TYPE C (MOD.)
 BACK OF SIDEWALK INLET W/ HANDRAIL
 STANDARD PLAN INDEX 425-060
 SLOT EL: 2.95'
 N INV. EL: 0.00' (24" RCP)
 S INV. EL: 0.00' (24" RCP)

SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION

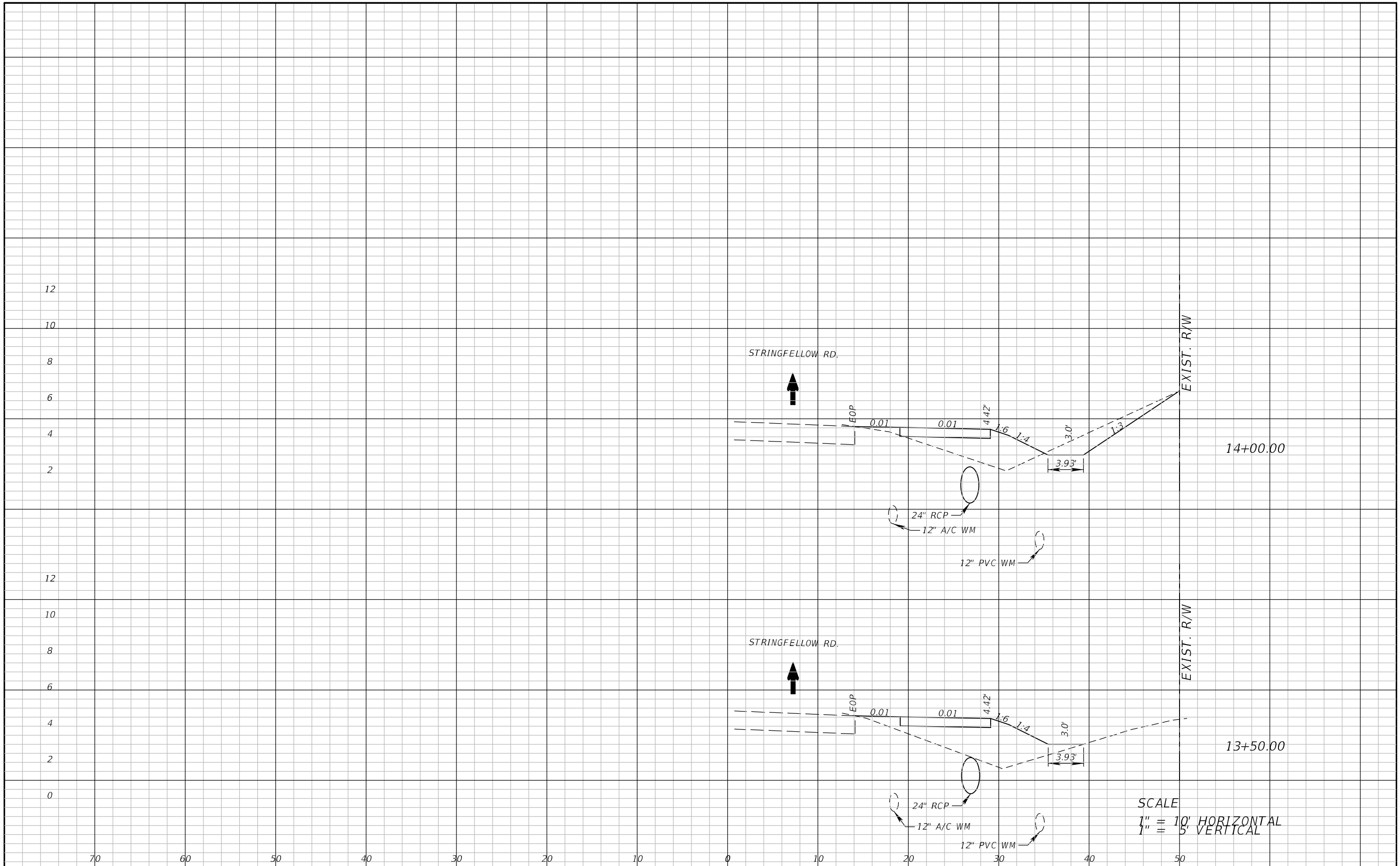


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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (11)

SHEET NO.
39



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



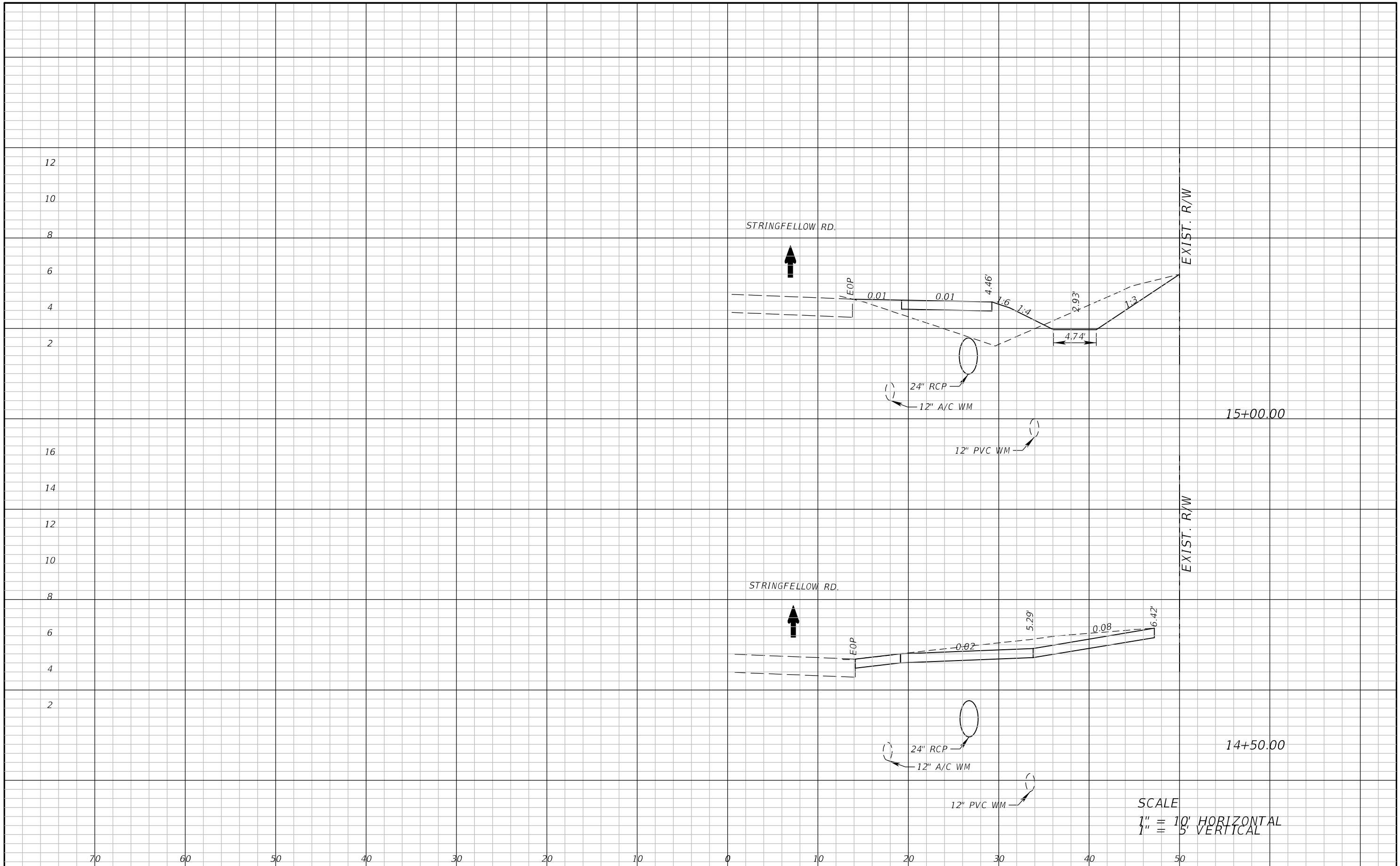
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (12)

SHEET NO.
40

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



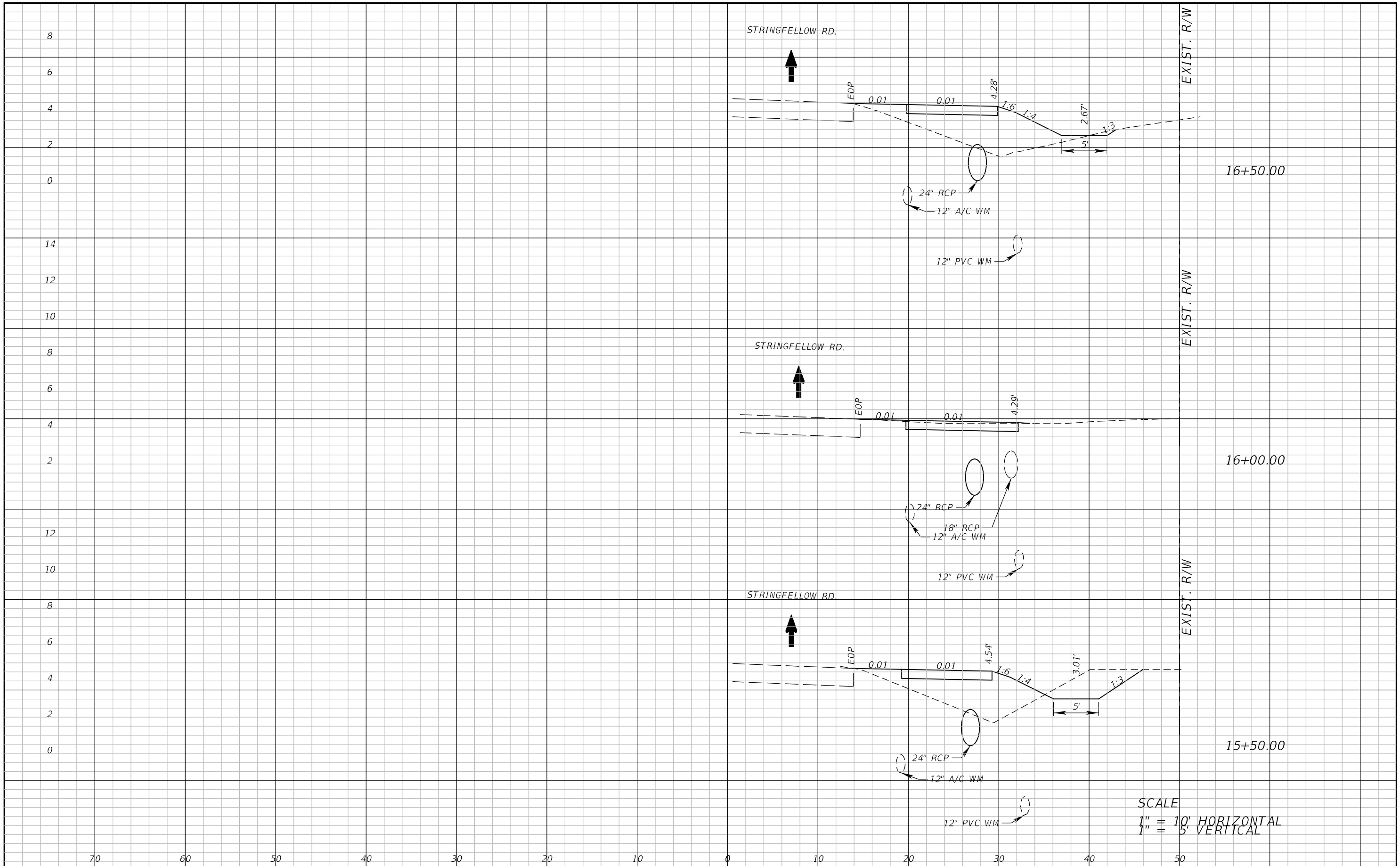
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (13)

SHEET NO.
41

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



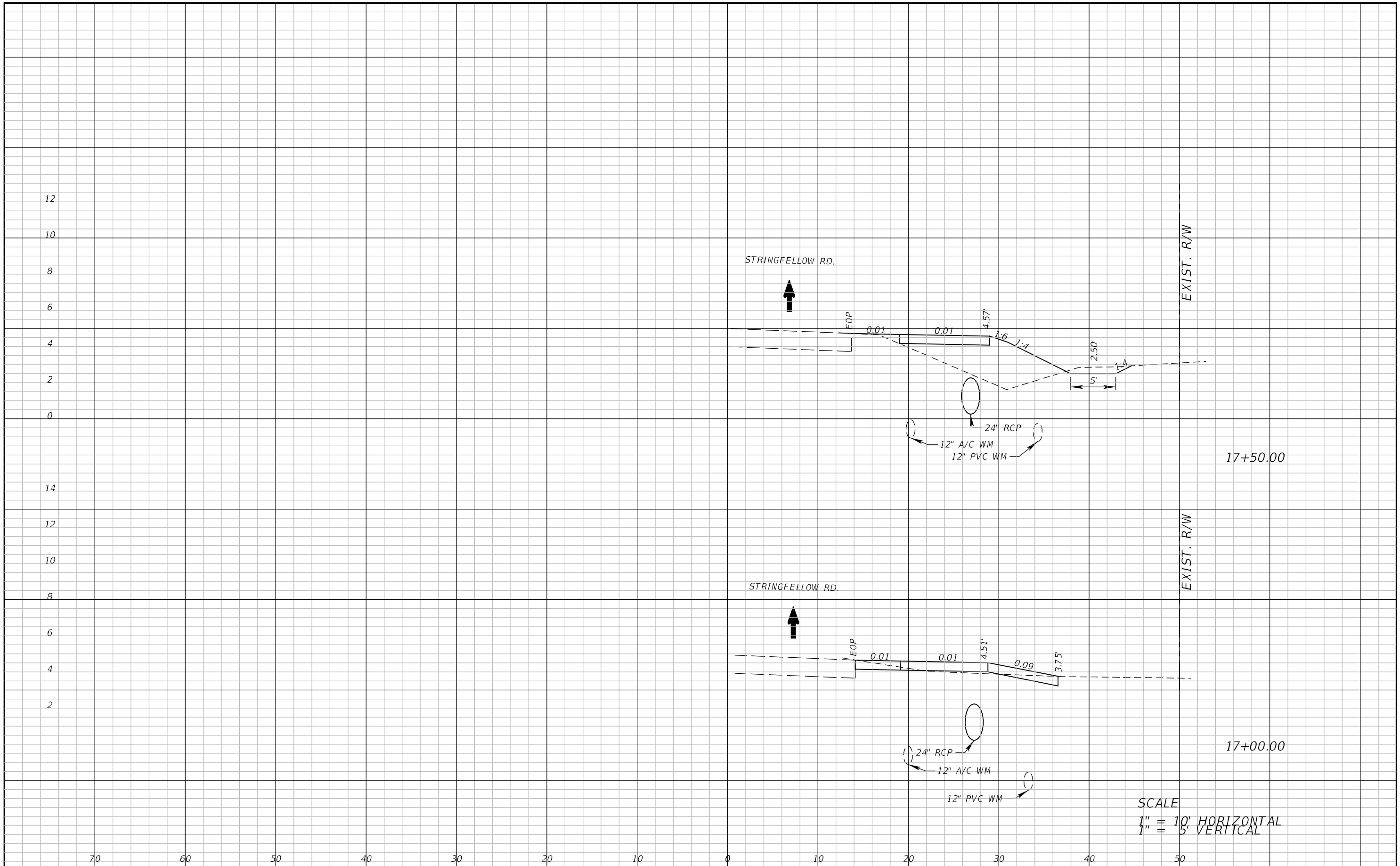
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CROSS SECTION SHEET (14)

SHEET NO.
42

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



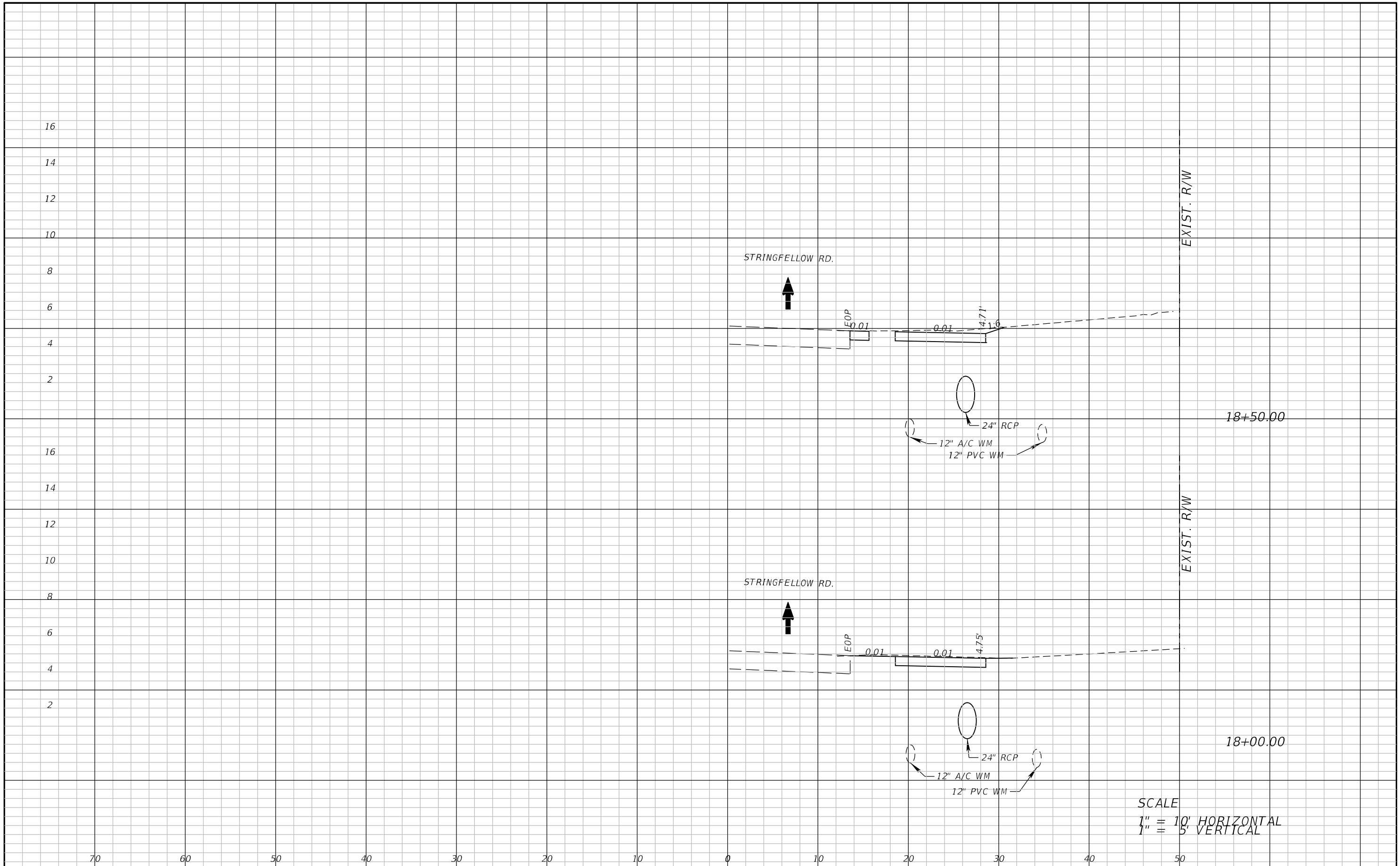
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (15)

SHEET NO.
43

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



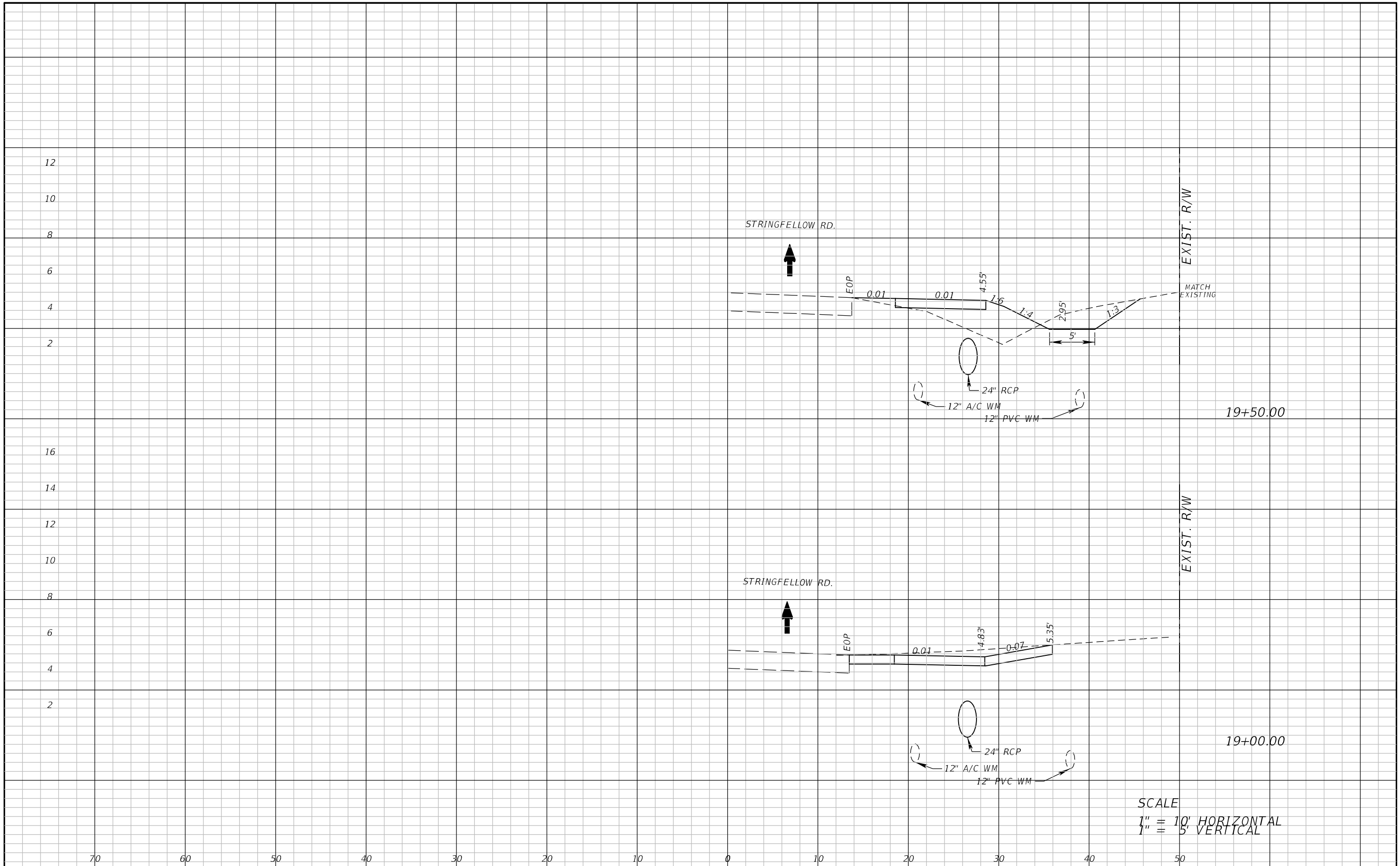
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (16)

SHEET NO.
44

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



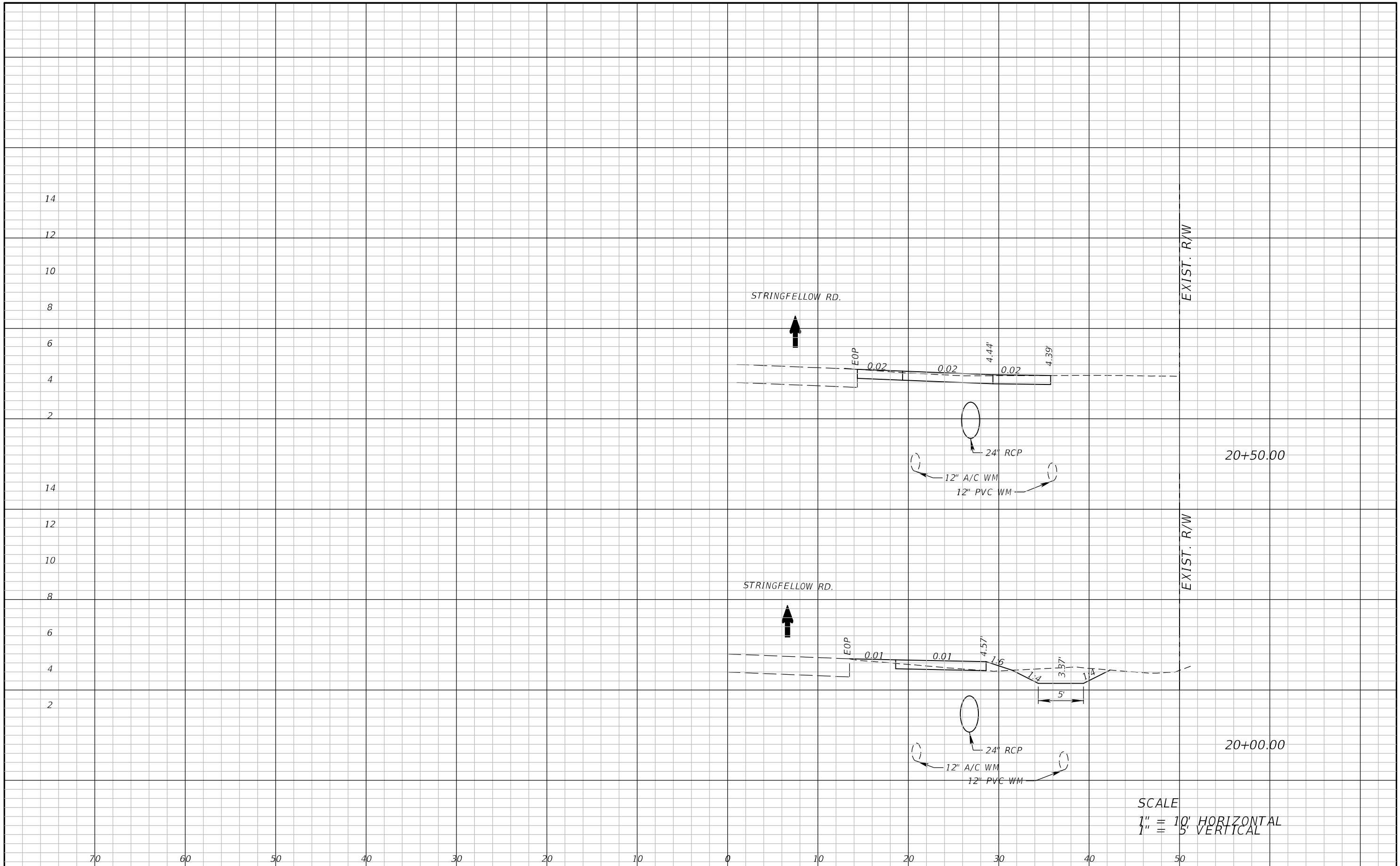
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (17)

SHEET NO.
45

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



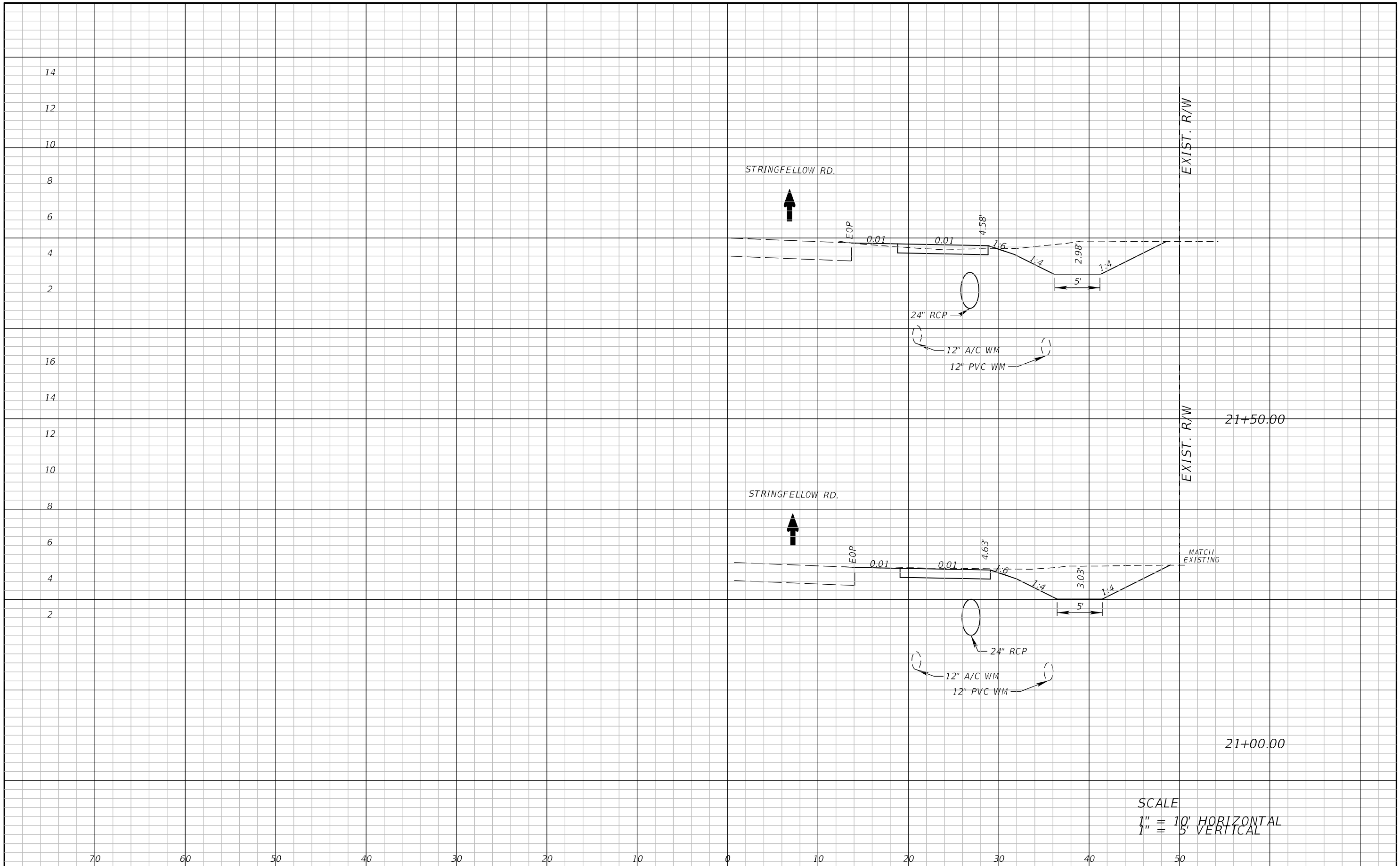
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (18)

SHEET NO.
46

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EXIST. R/W

EXIST. R/W

21+50.00

21+00.00

SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



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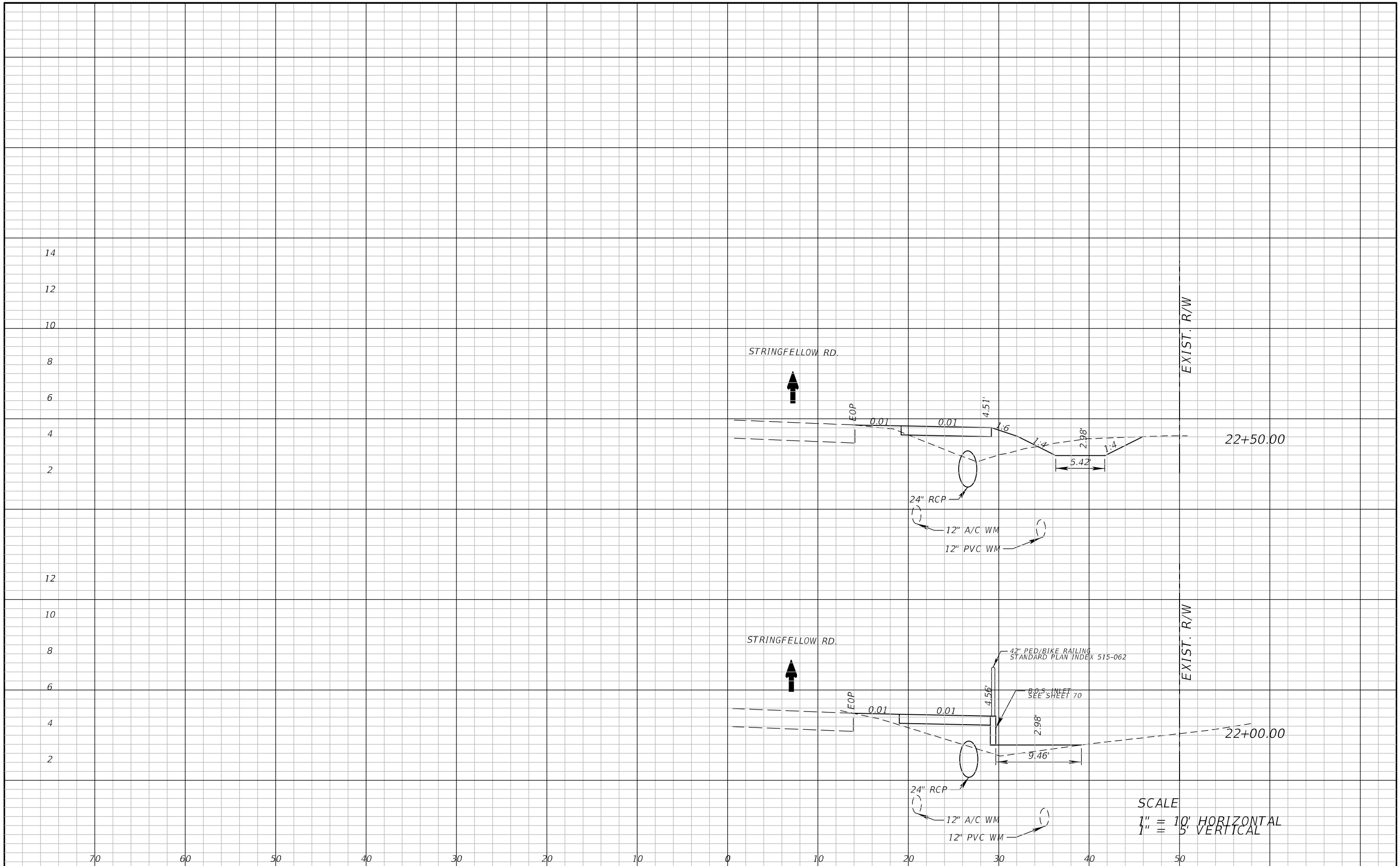
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (19)

SHEET NO.
47

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION

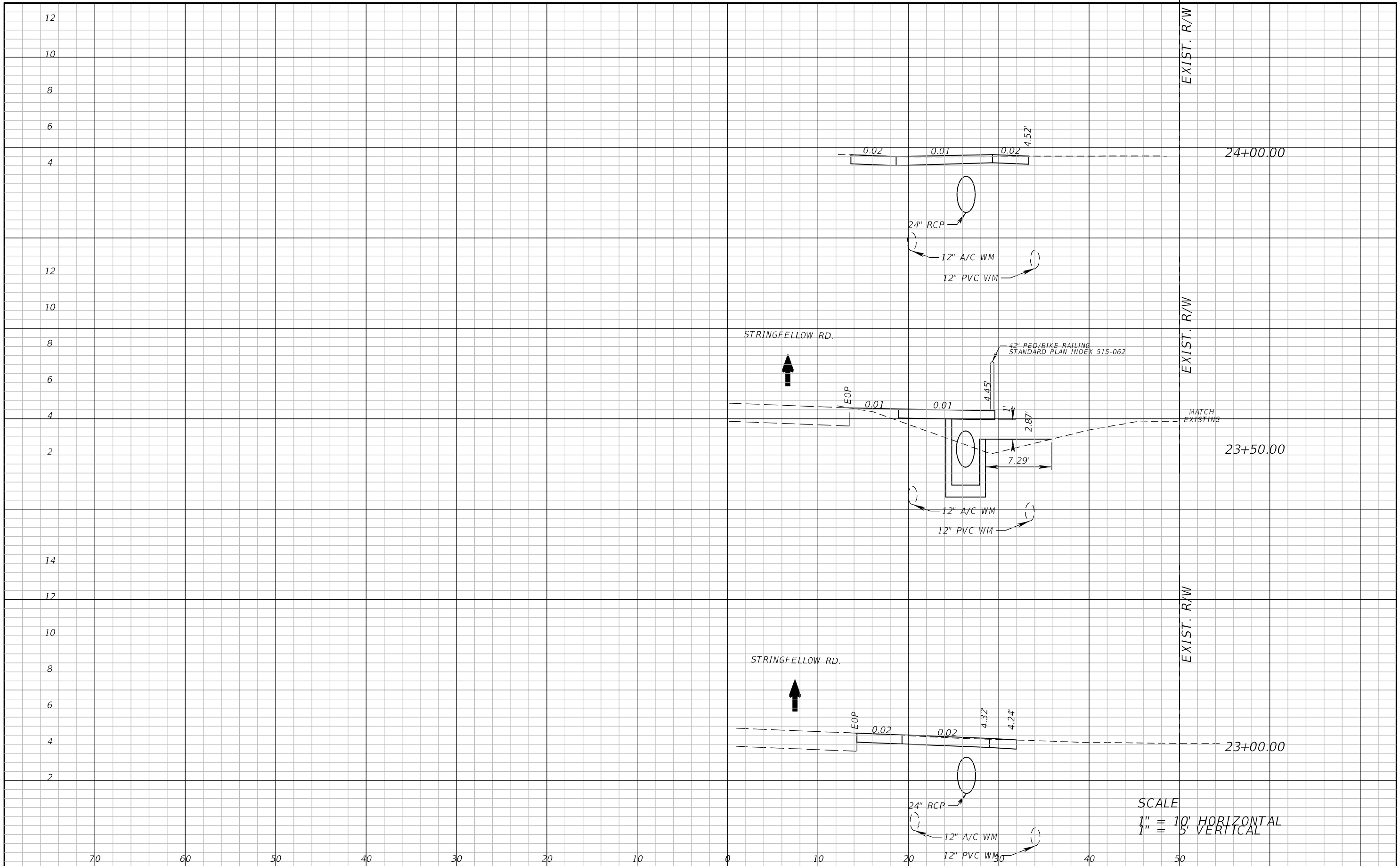


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (20)

SHEET NO.
48



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



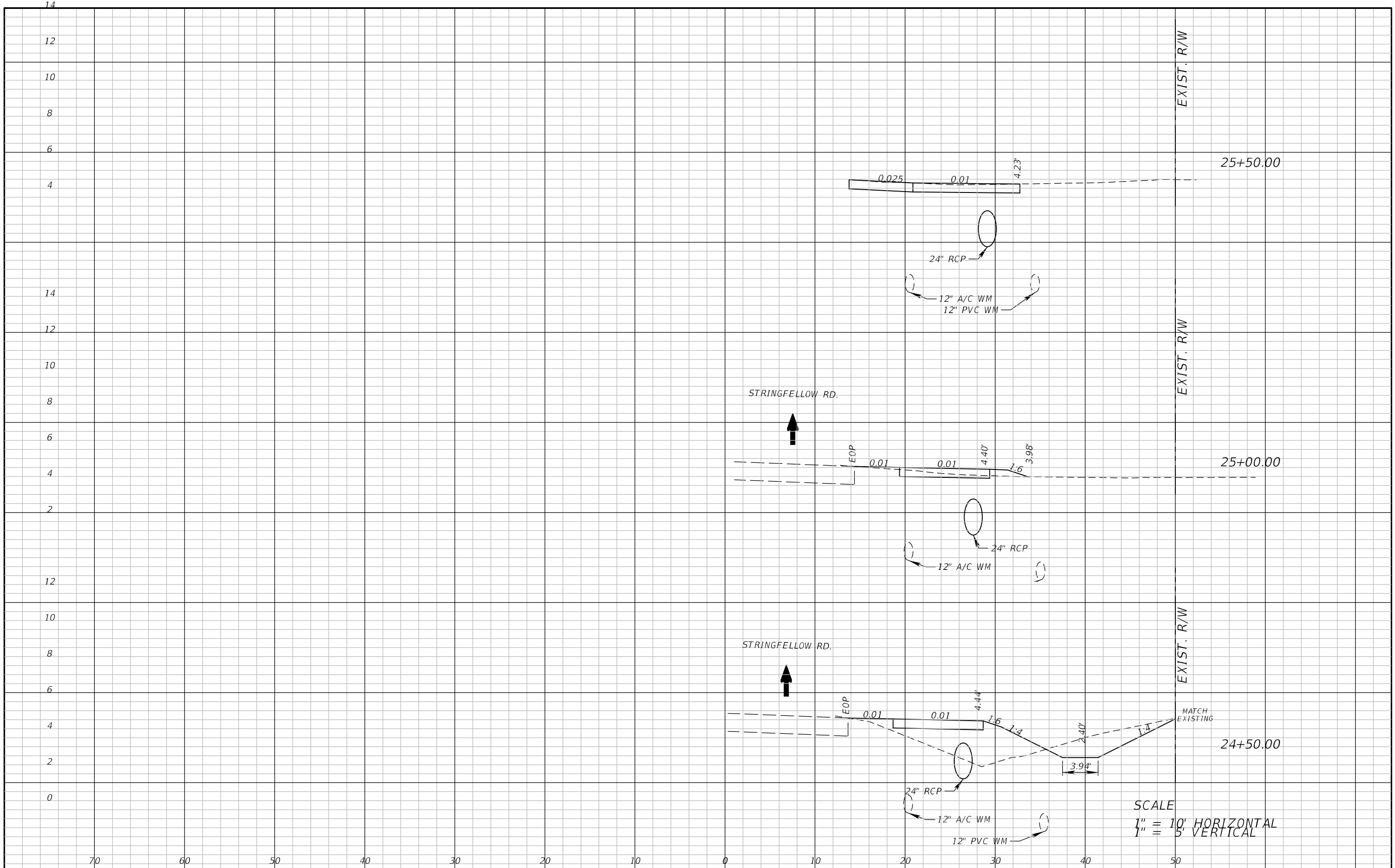
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (21)

SHEET NO.
49

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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REVISIONS	
DATE	DESCRIPTION

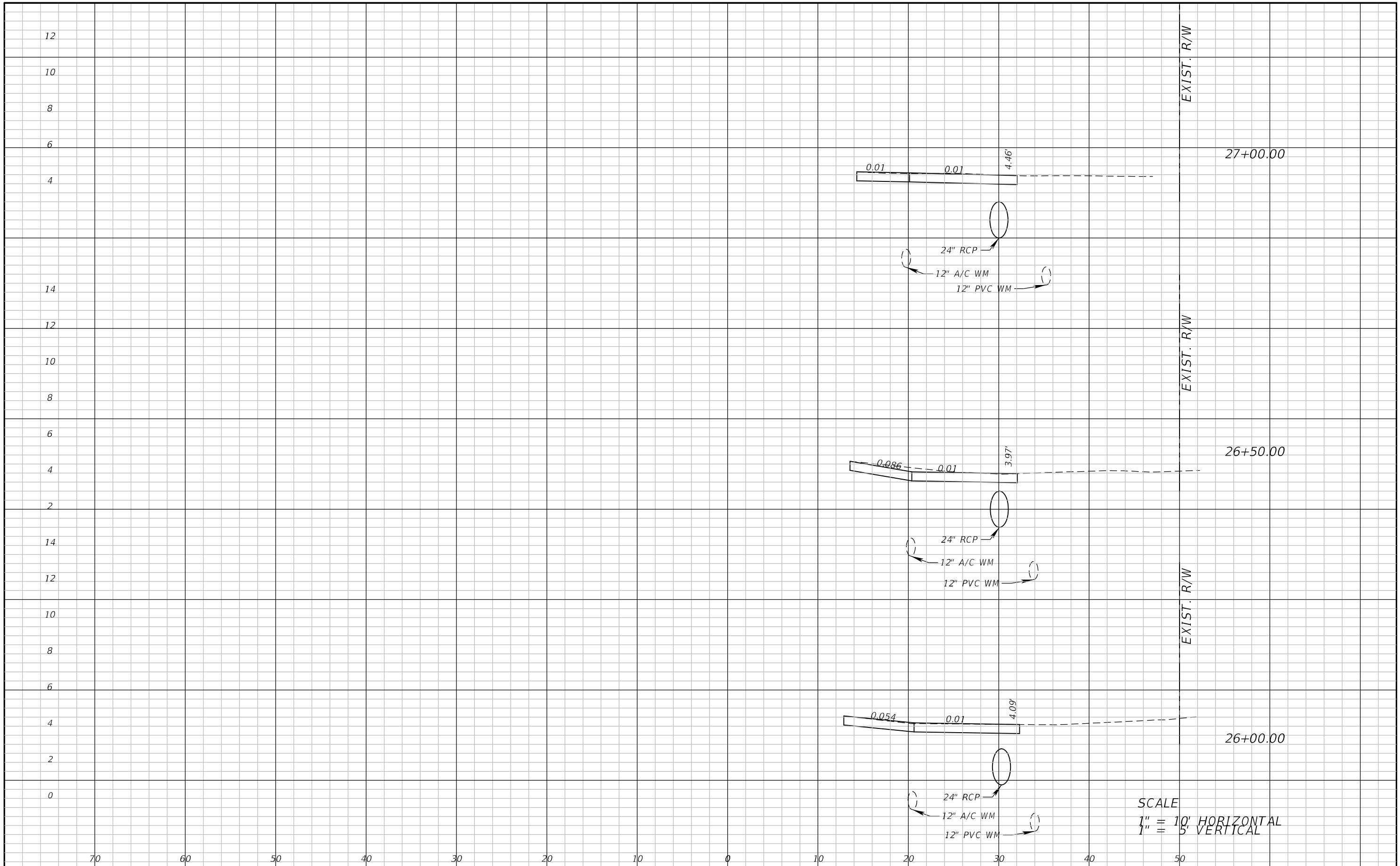


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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (22)

SHEET NO.
50



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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

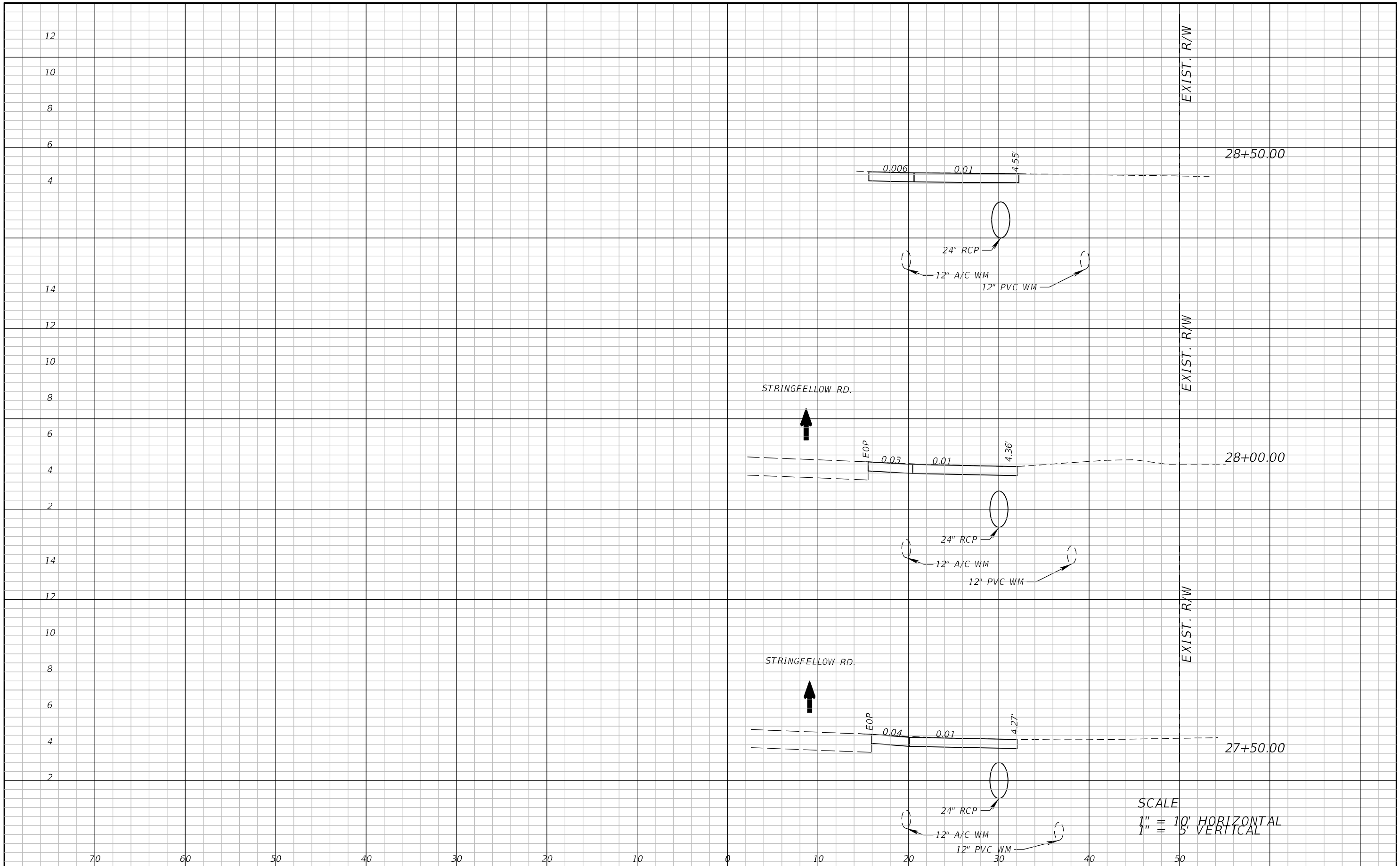


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CROSS SECTION SHEET (23)

SHEET NO.
51



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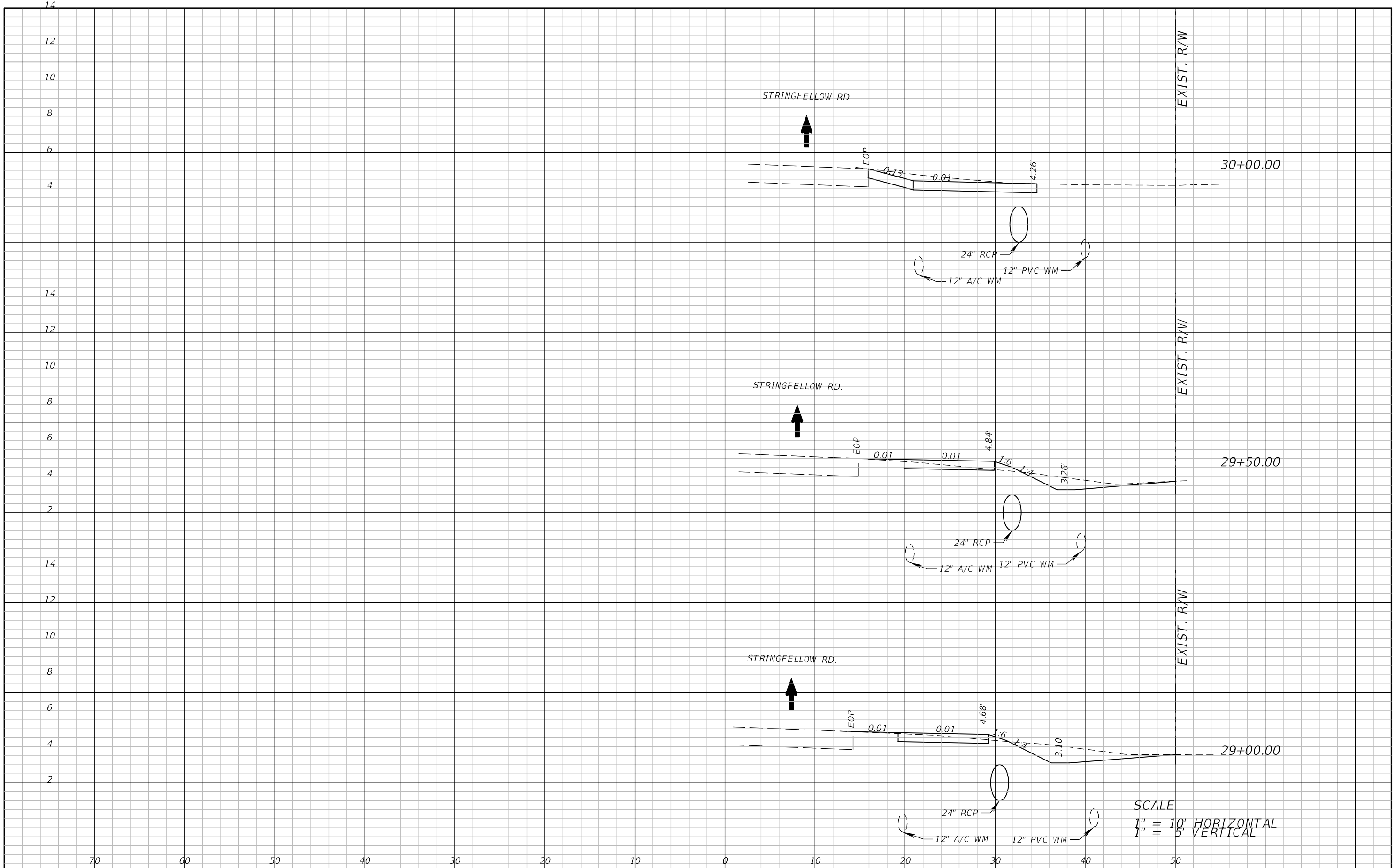


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (24)

SHEET NO.
52



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



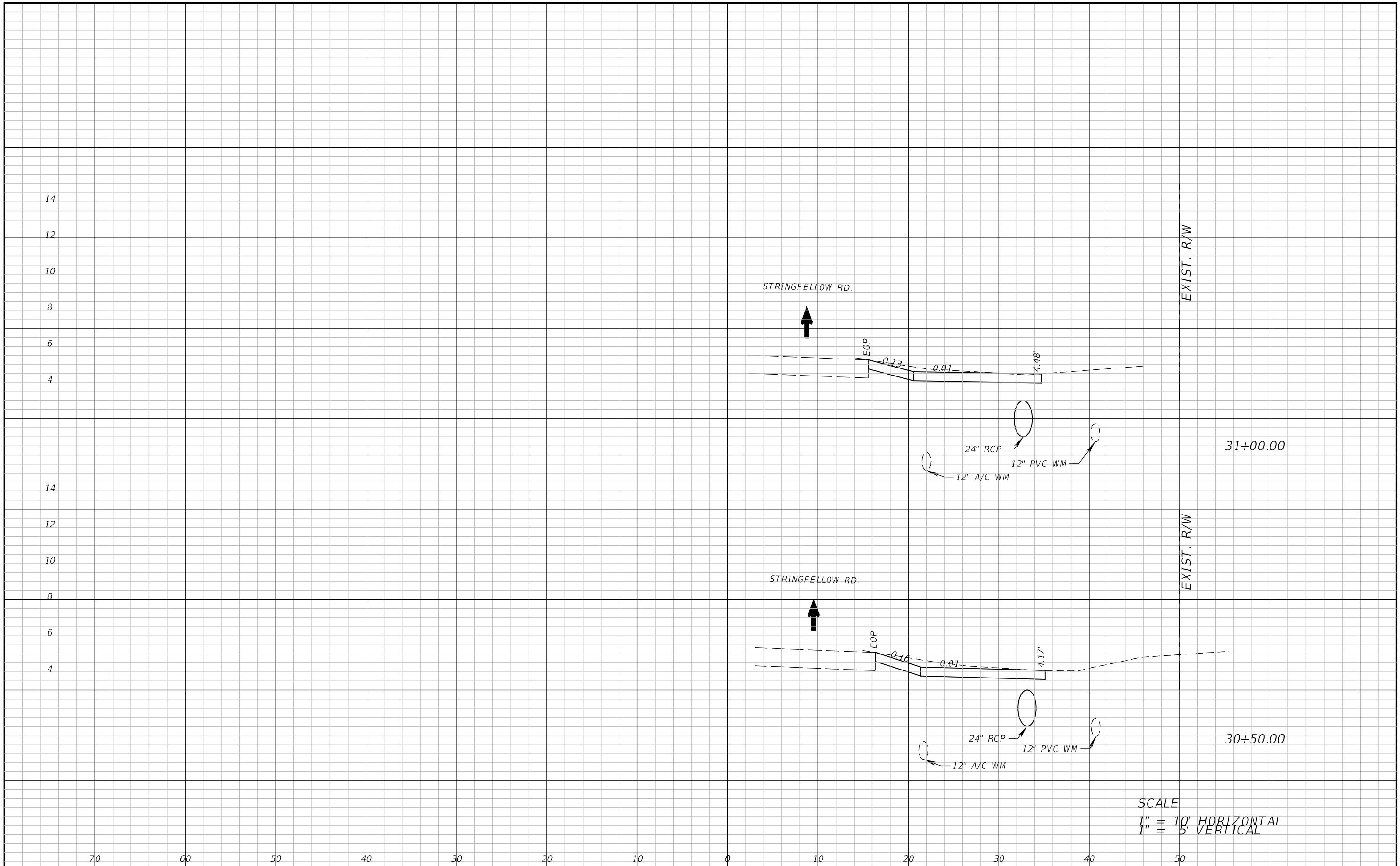
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (25)

SHEET NO.
53

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



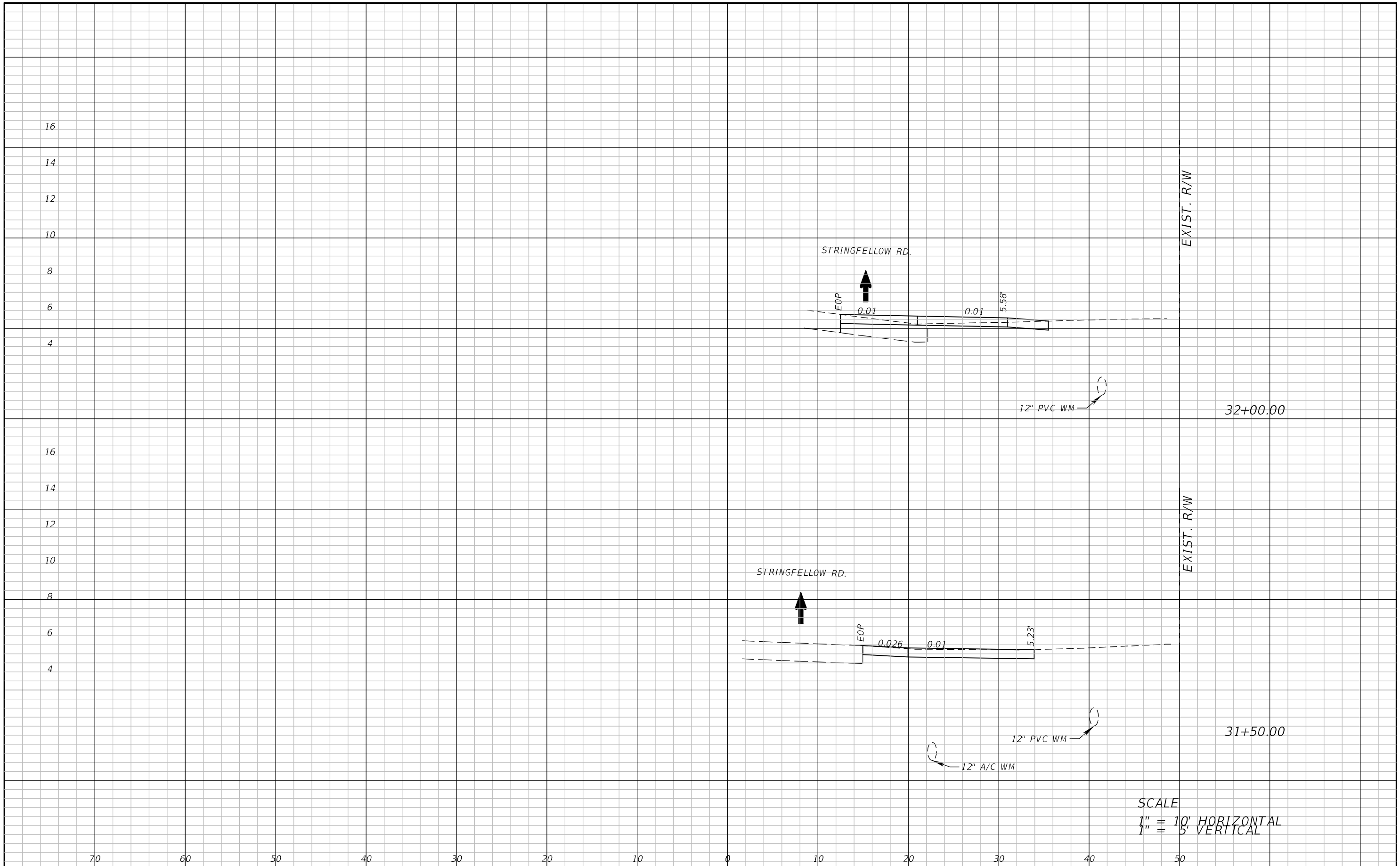
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (26)

SHEET NO.
54

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REVISIONS	
DATE	DESCRIPTION

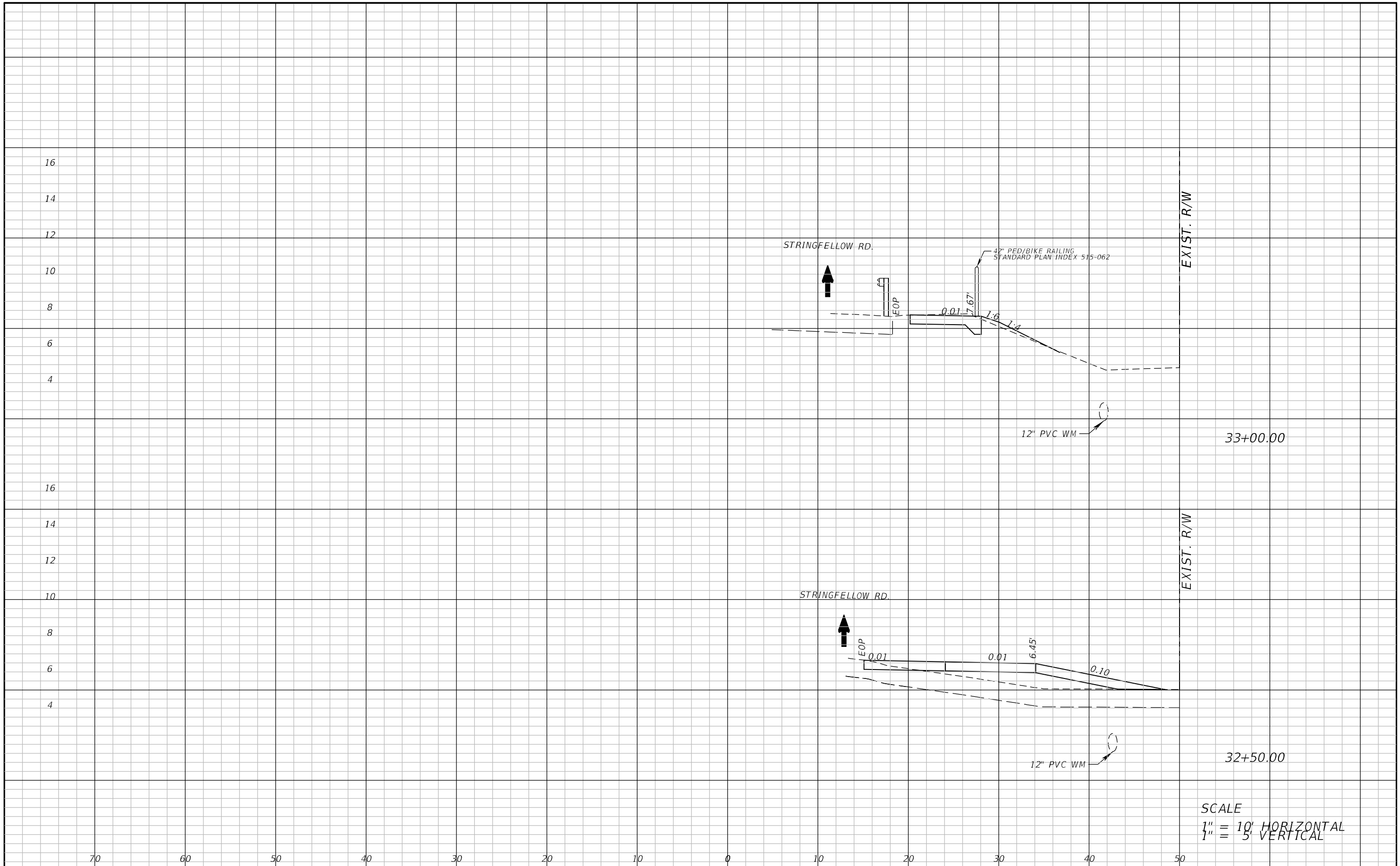


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

CROSS SECTION SHEET (27)

SHEET NO.
55



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



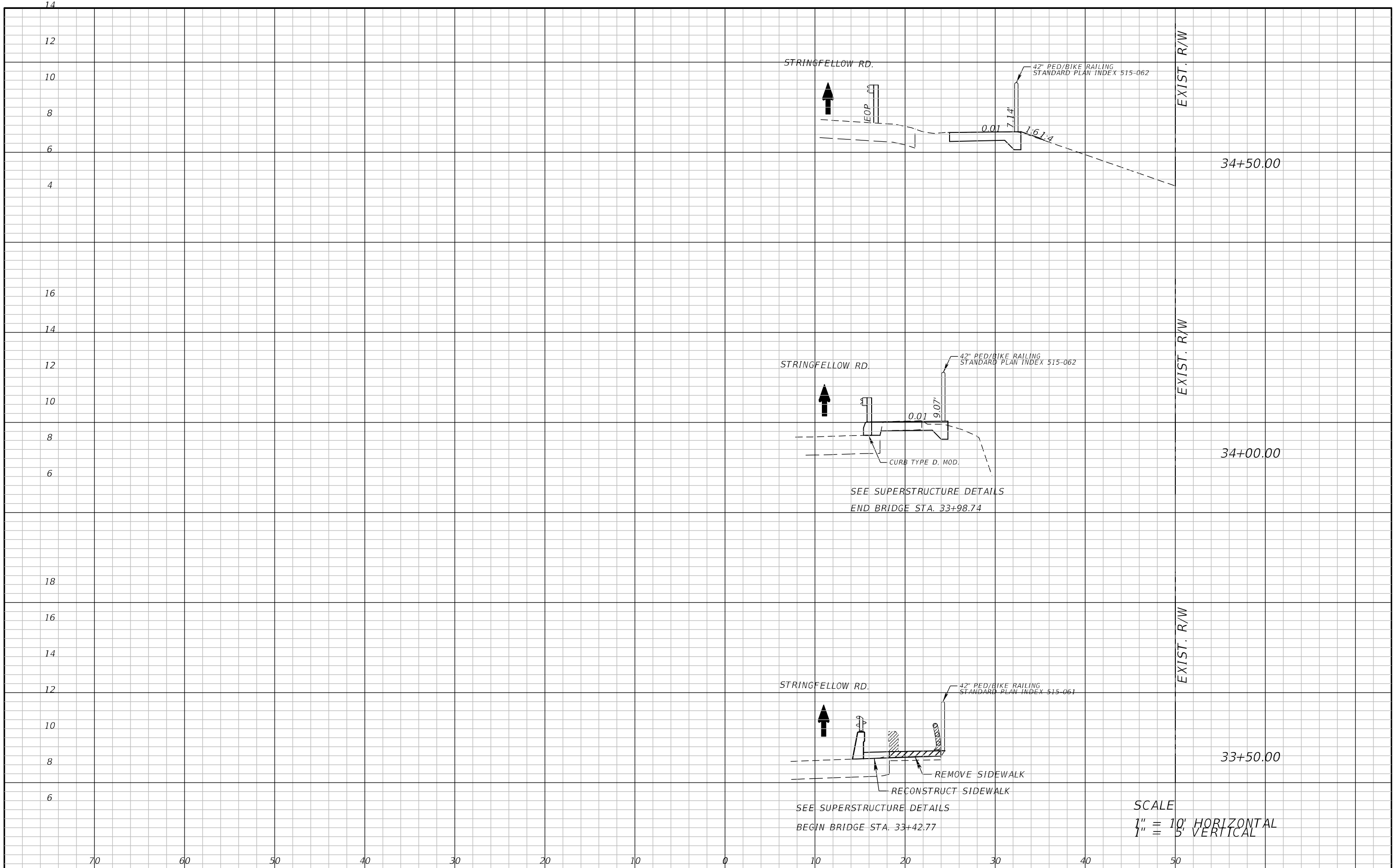
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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CROSS SECTION SHEET (28)

SHEET NO.
56

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



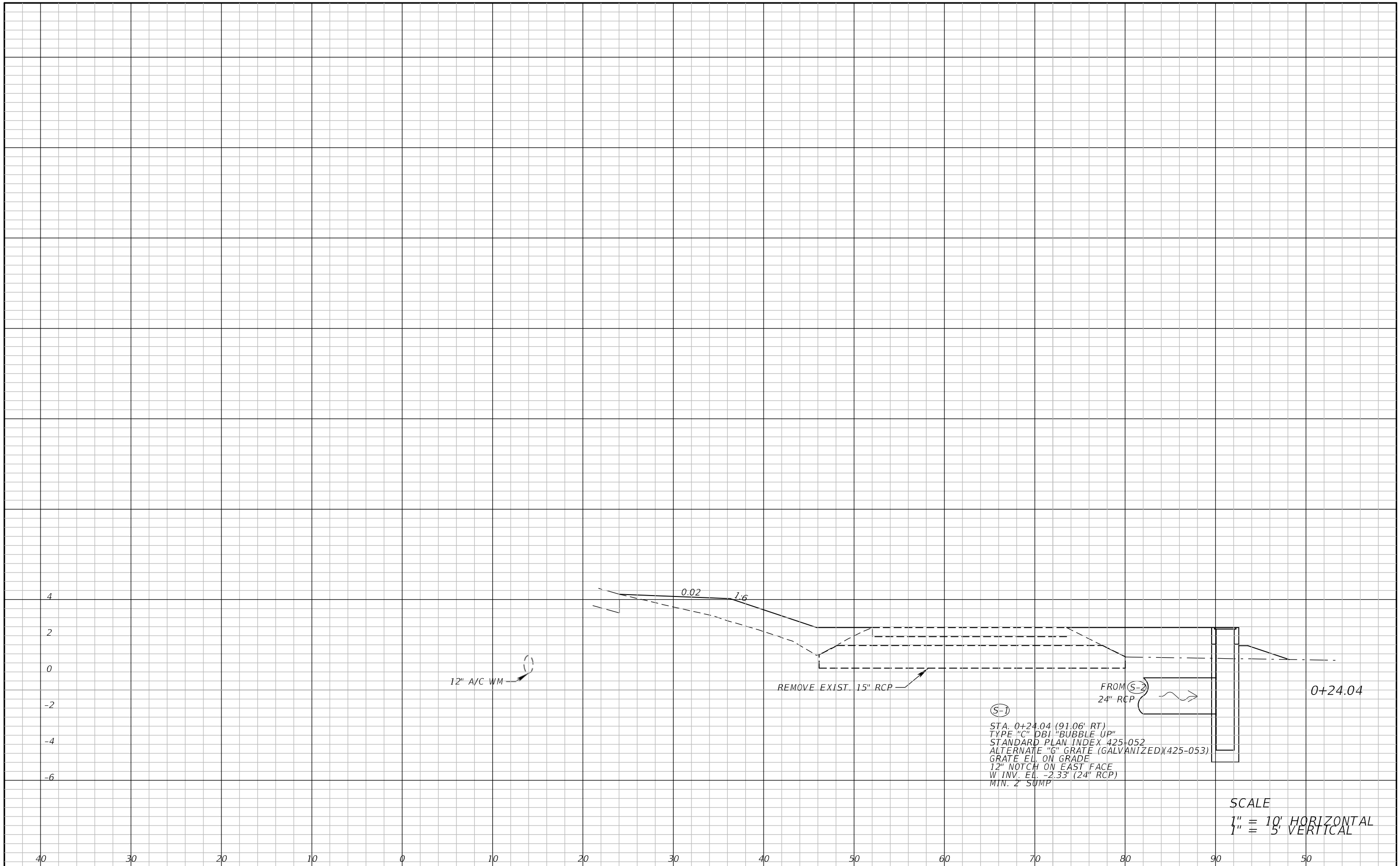
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CROSS SECTION SHEET (29)

SHEET NO.
57

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(S-1)
 STA. 0+24.04 (91.06' RT)
 TYPE "C" DBI "BUBBLE UP"
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. ON GRADE
 12" NOTCH ON EAST FACE
 W INV. EL. -2.33' (24" RCP)
 MIN. 2' SUMP

SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



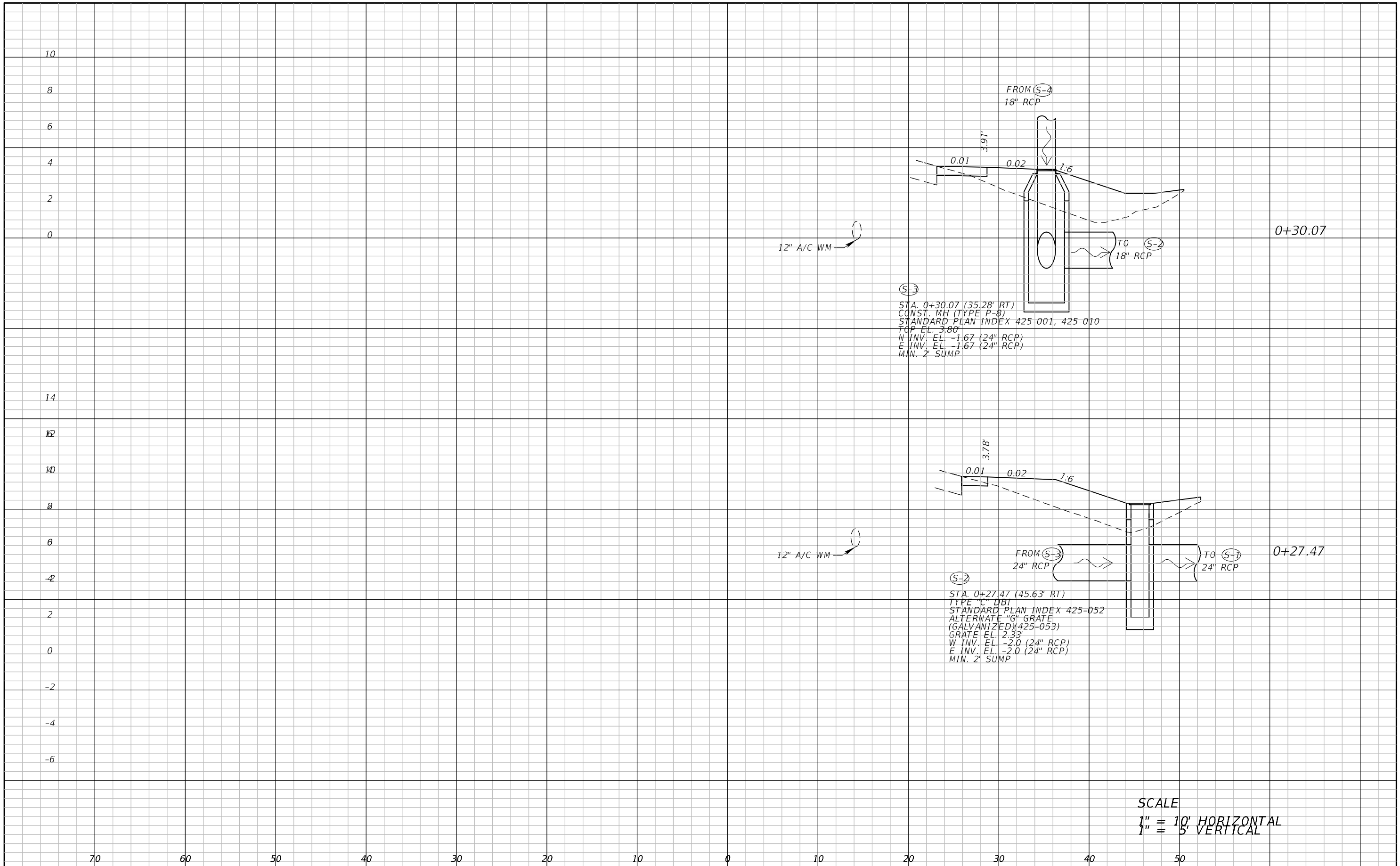
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DRAINAGE CROSS SECTION (1)

SHEET NO.
58

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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REVISIONS	
DATE	DESCRIPTION

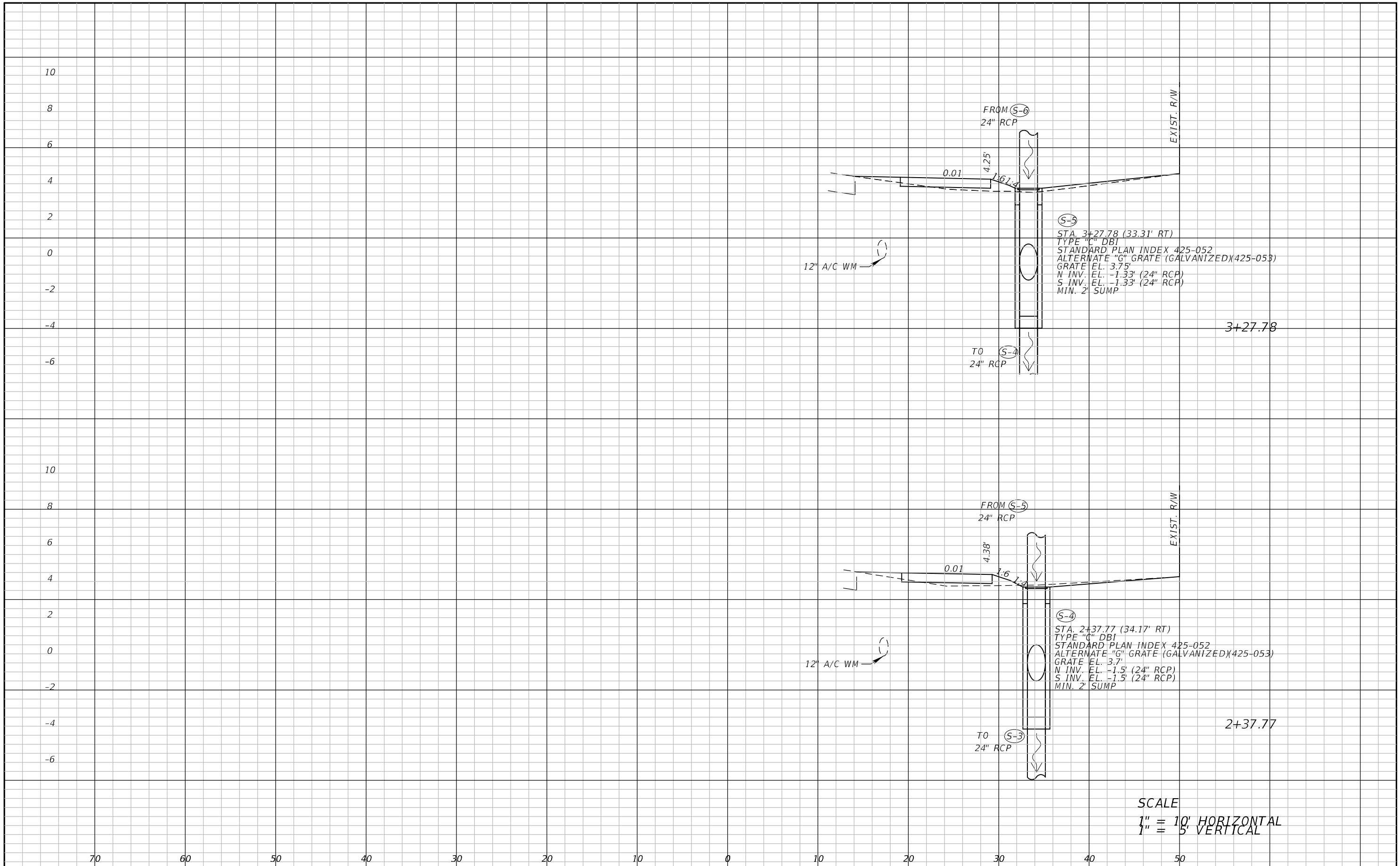


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (2)

SHEET NO.
59



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



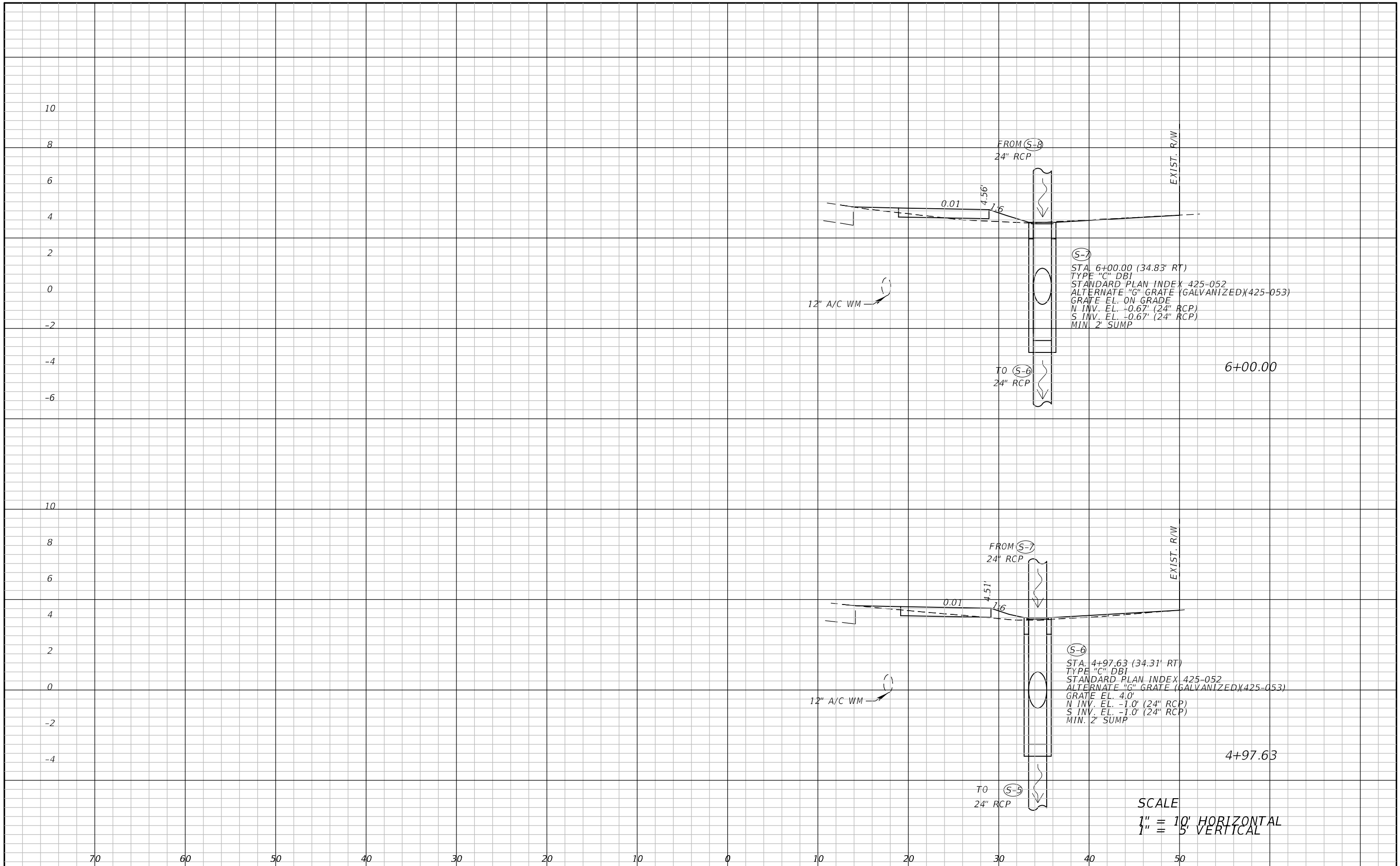
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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DRAINAGE CROSS SECTION (3)

SHEET NO.
60

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SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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DATE	DESCRIPTION

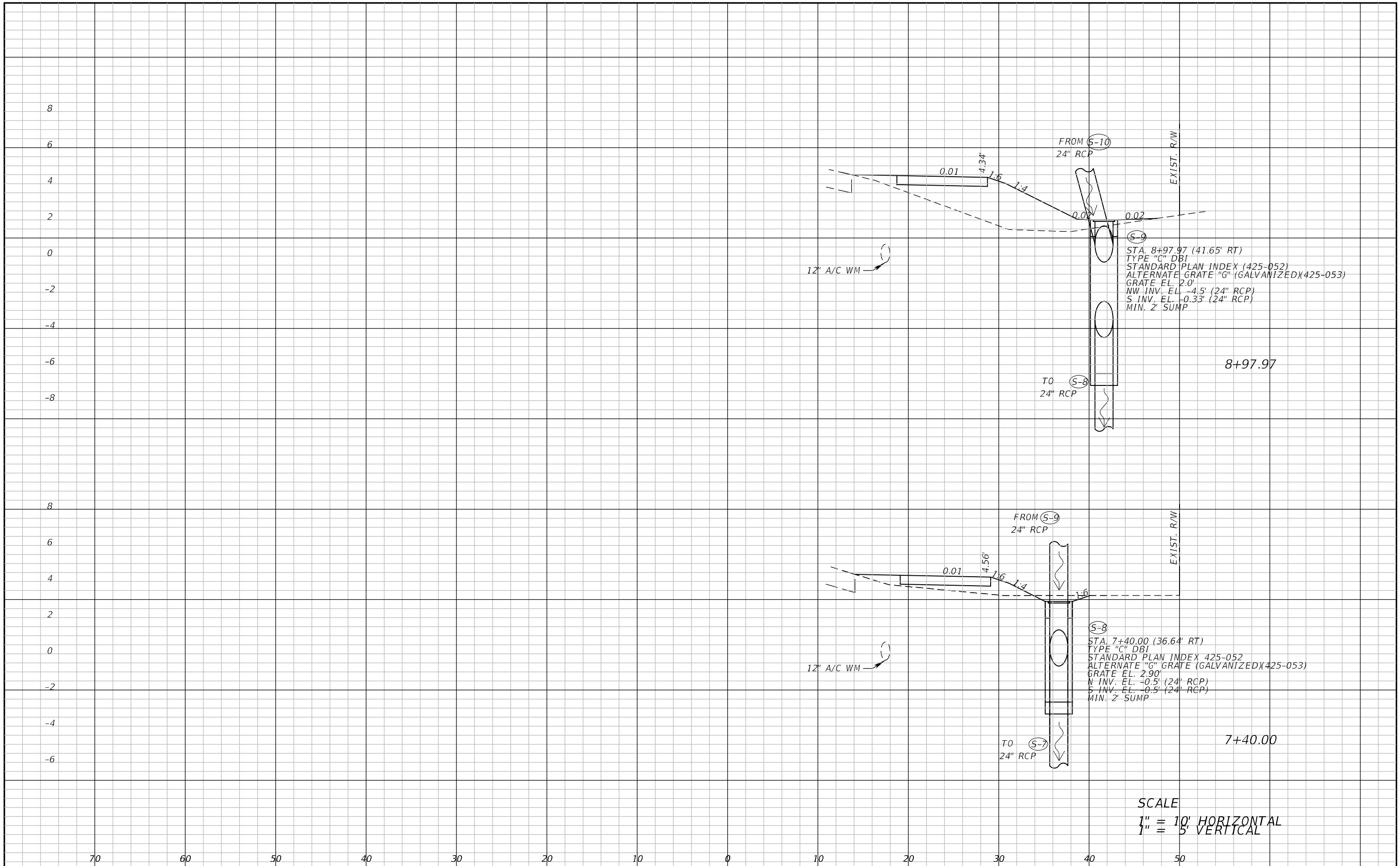


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (4)

SHEET NO.
61



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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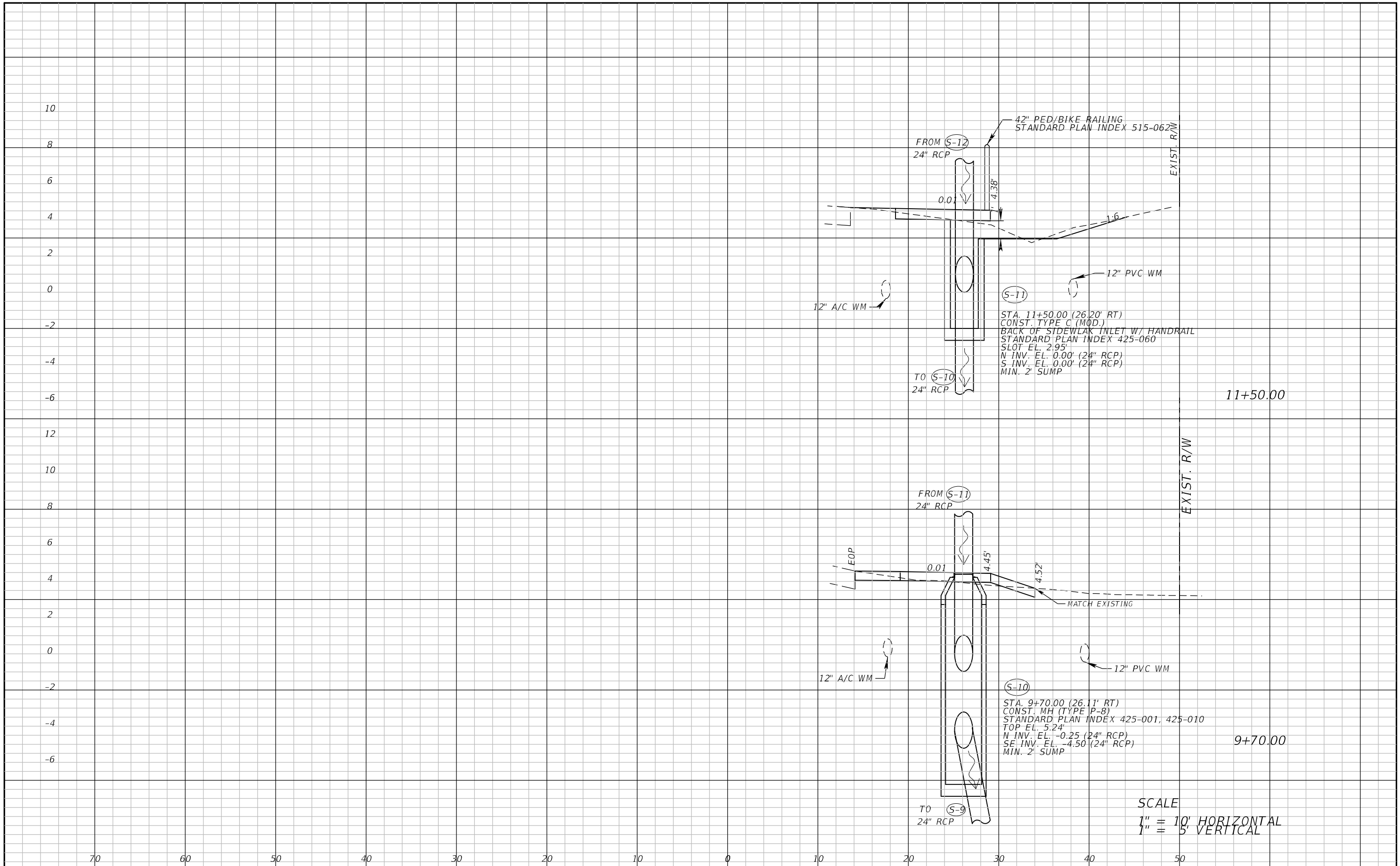


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STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (5)

SHEET NO.
62



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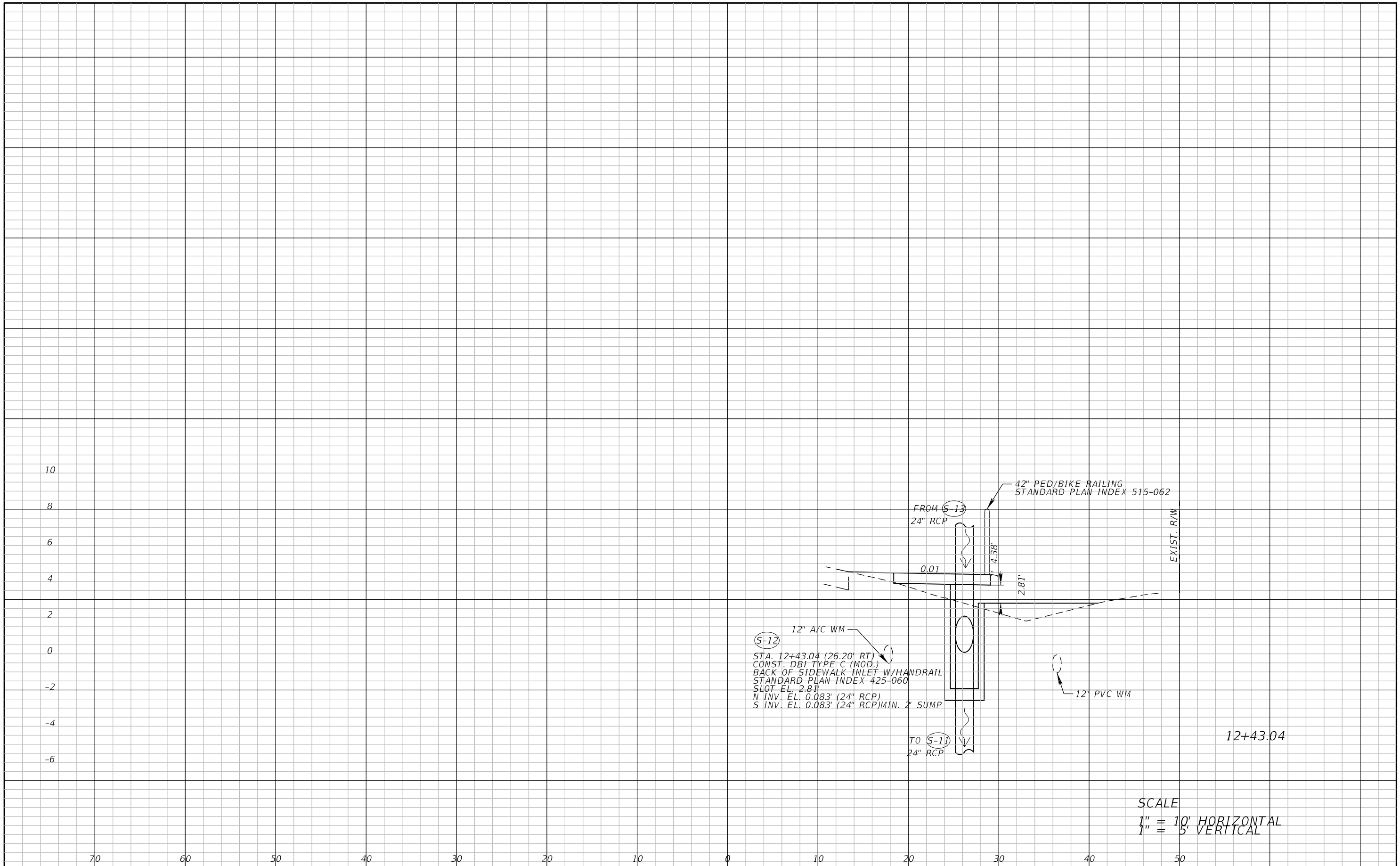


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STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (6)

SHEET NO.
63



(S-12)
 STA. 12+43.04 (26.20' RT)
 CONST. DBI TYPE C (MOD.)
 BACK OF SIDEWALK INLET W/HANDRAIL
 STANDARD PLAN INDEX 425-060
 SLOT EL. 2.81
 N INV. EL. 0.083' (24" RCP)
 S INV. EL. 0.083' (24" RCP) MIN. 2' SUMP

FROM (S-13)
 24" RCP
 4.38'
 0.01
 2.81'
 42" PED/BIKE RAILING
 STANDARD PLAN INDEX 515-062
 EXIST. R/W
 TO (S-11)
 24" RCP
 12" PVC WM

12+43.04

SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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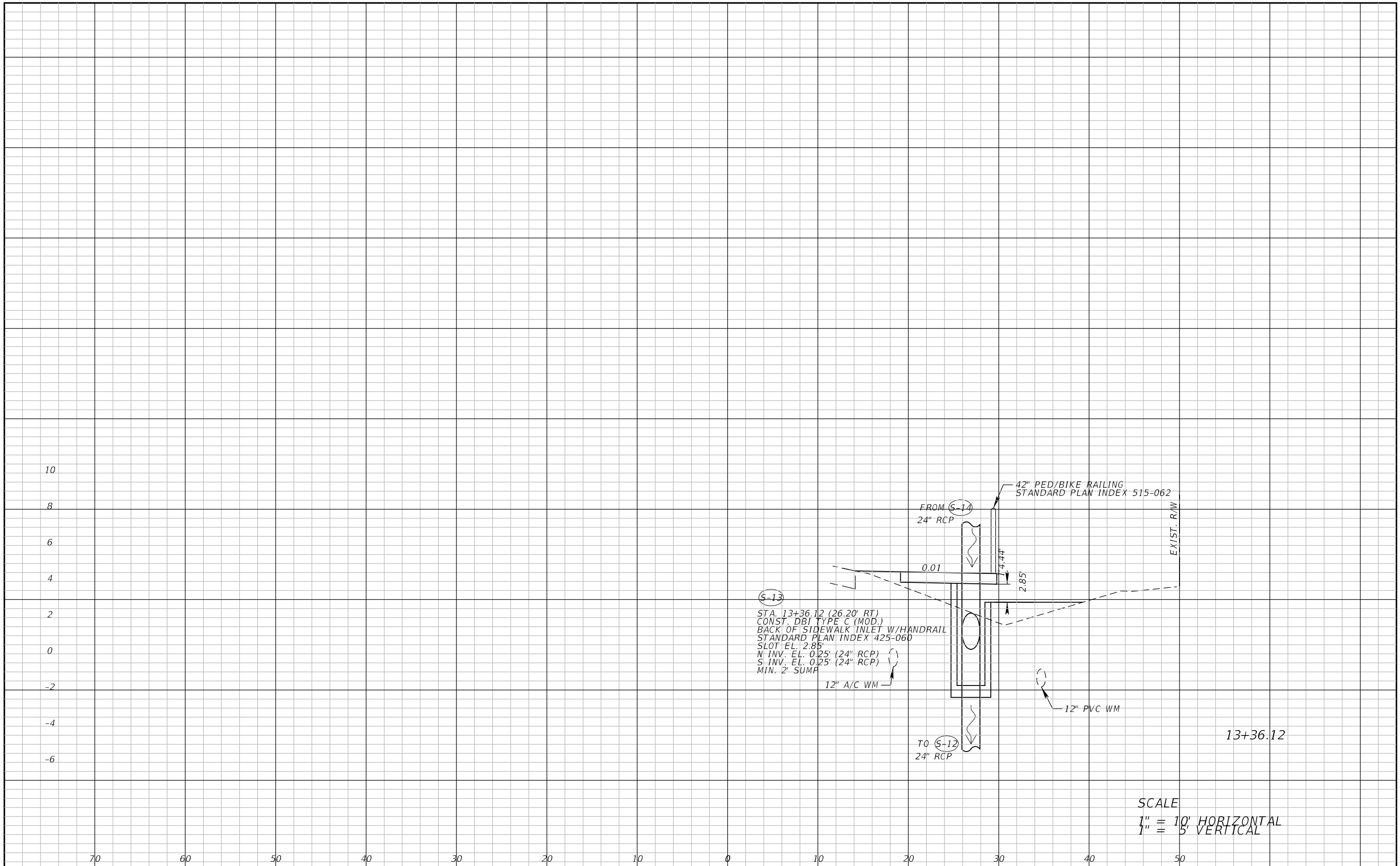


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (7)

SHEET NO.
64



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



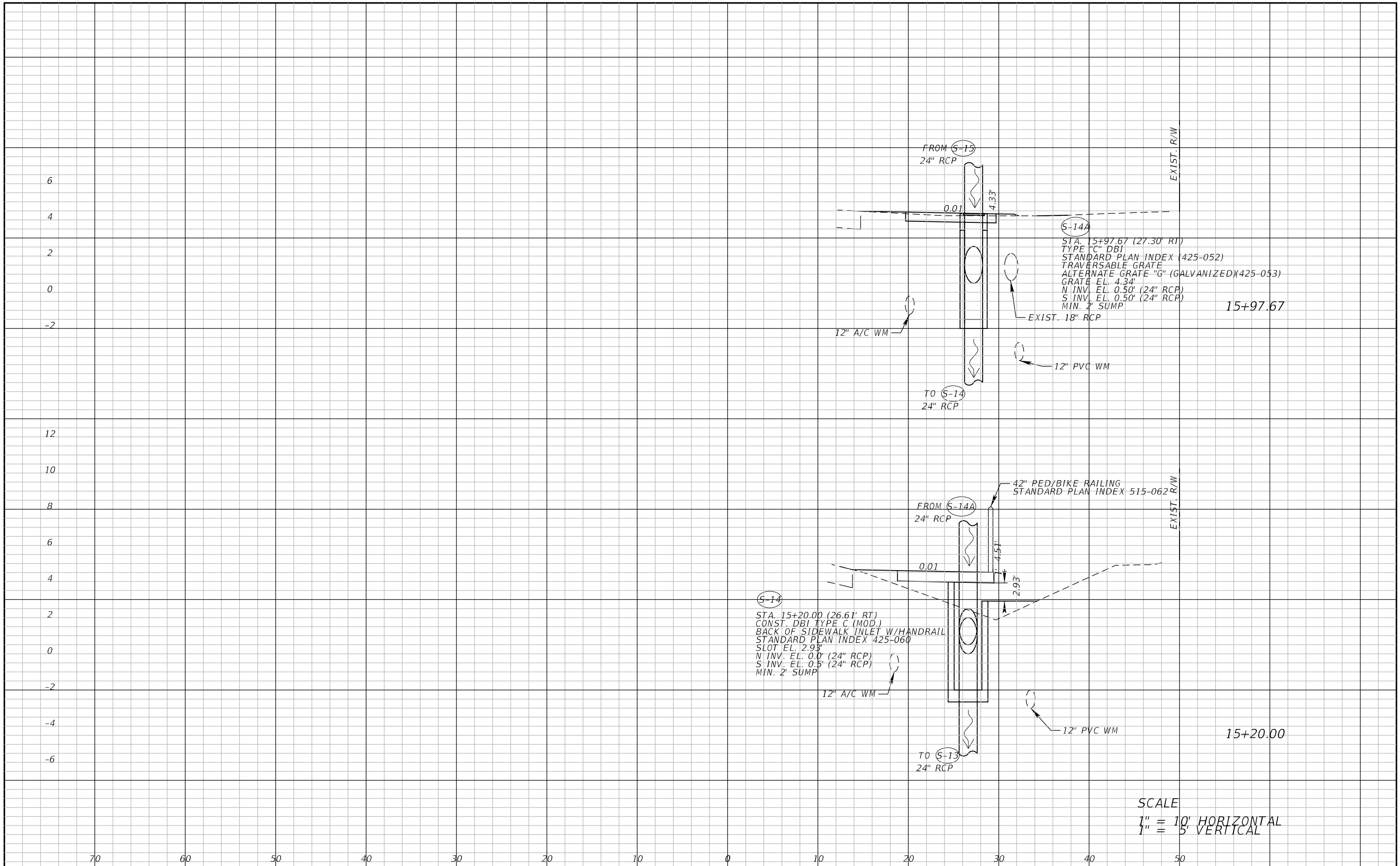
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ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002


DRAINAGE CROSS SECTION (8)

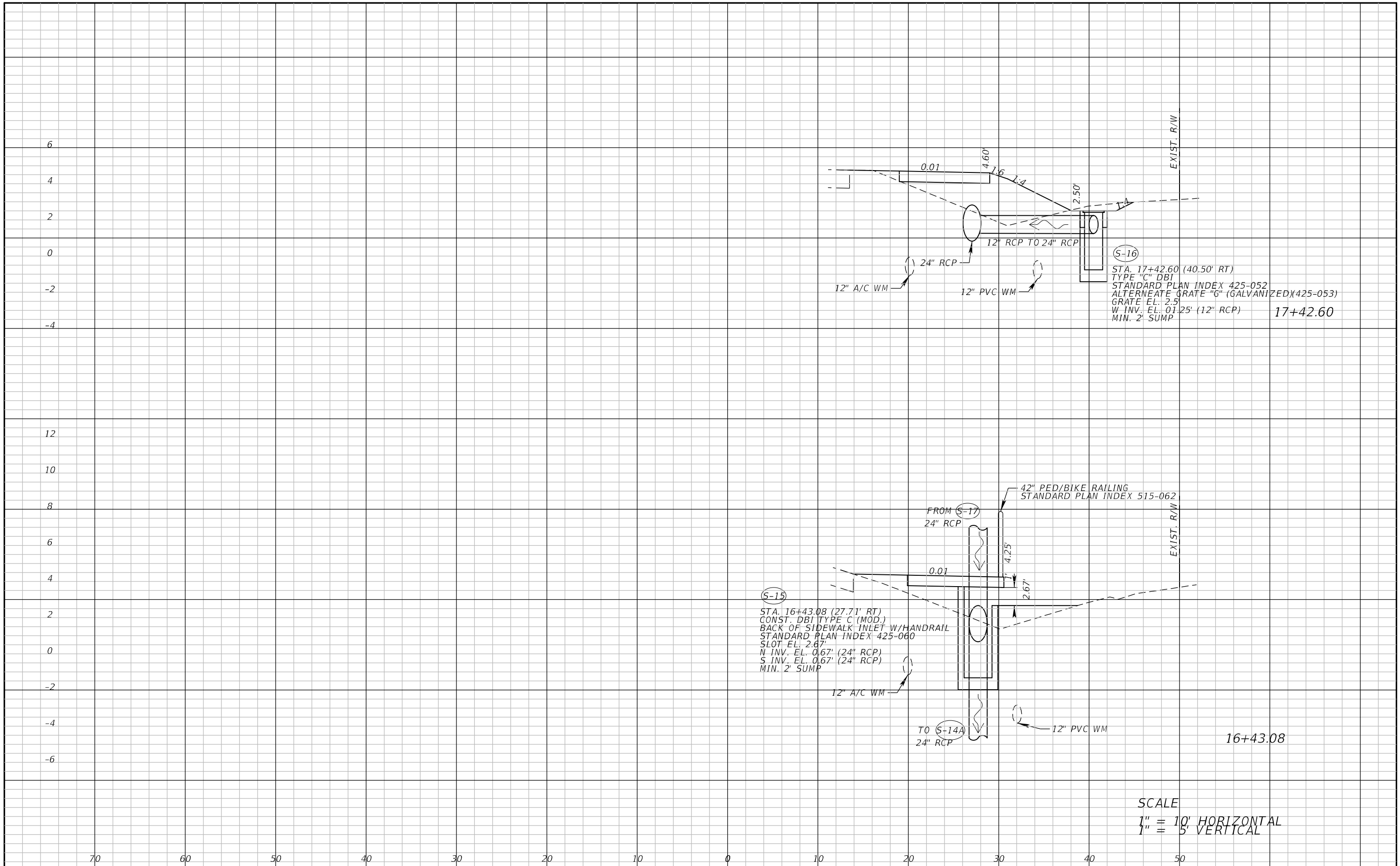
SHEET NO.
65

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REVISIONS		 LEE COUNTY SOUTHWEST FLORIDA	ATKINS 1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341	LEE COUNTY DEPARTMENT OF TRANSPORTATION			DRAINAGE CROSS SECTION (9)	SHEET NO. 66
DATE	DESCRIPTION			ROAD	COUNTY	COUNTY PROJECT NO.		
			LEE	206002				



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

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DATE	DESCRIPTION



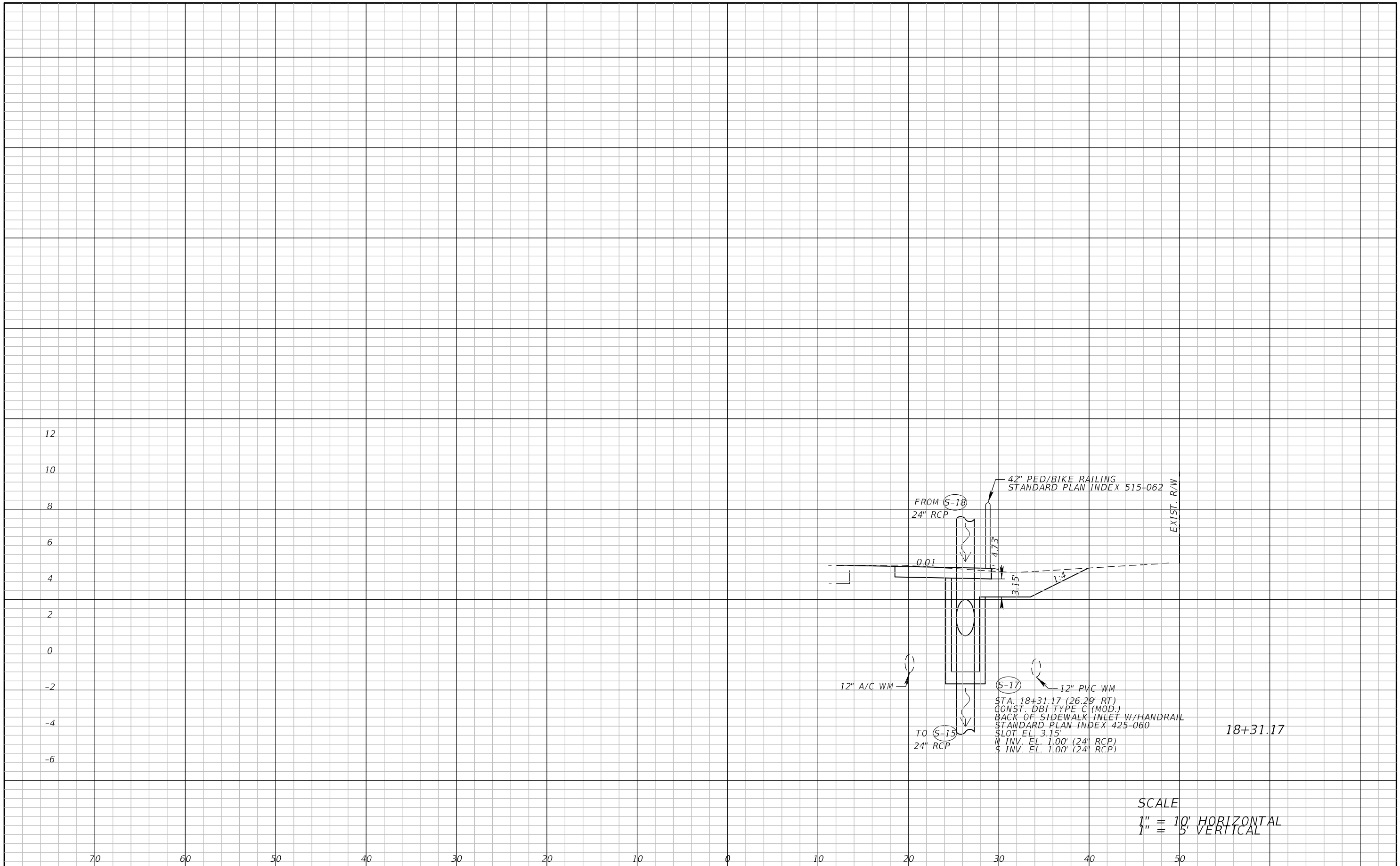
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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DRAINAGE CROSS SECTION (10)

SHEET NO.
67

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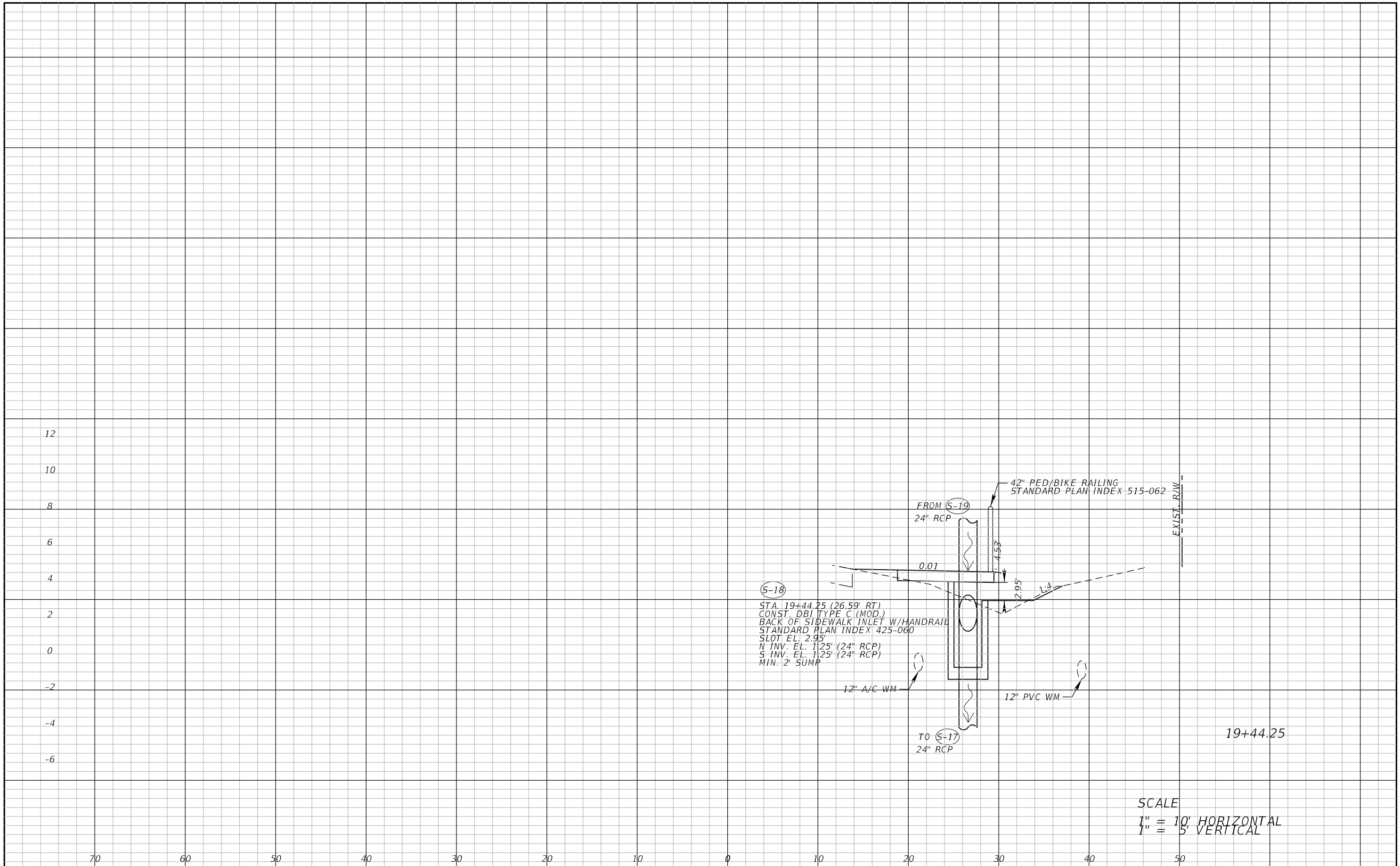


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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (11)

SHEET NO.
68



(S-18)
 STA. 19+44.25 (26.59' RT.)
 CONST. DBI TYPE C (MOD.)
 BACK OF SIDEWALK INLET W/HANDRAIL
 STANDARD PLAN INDEX 425-060
 SLOT EL. 2.95'
 N INV. EL. 1.25' (24" RCP)
 S INV. EL. 1.25' (24" RCP)
 MIN. 2' SUMP

SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



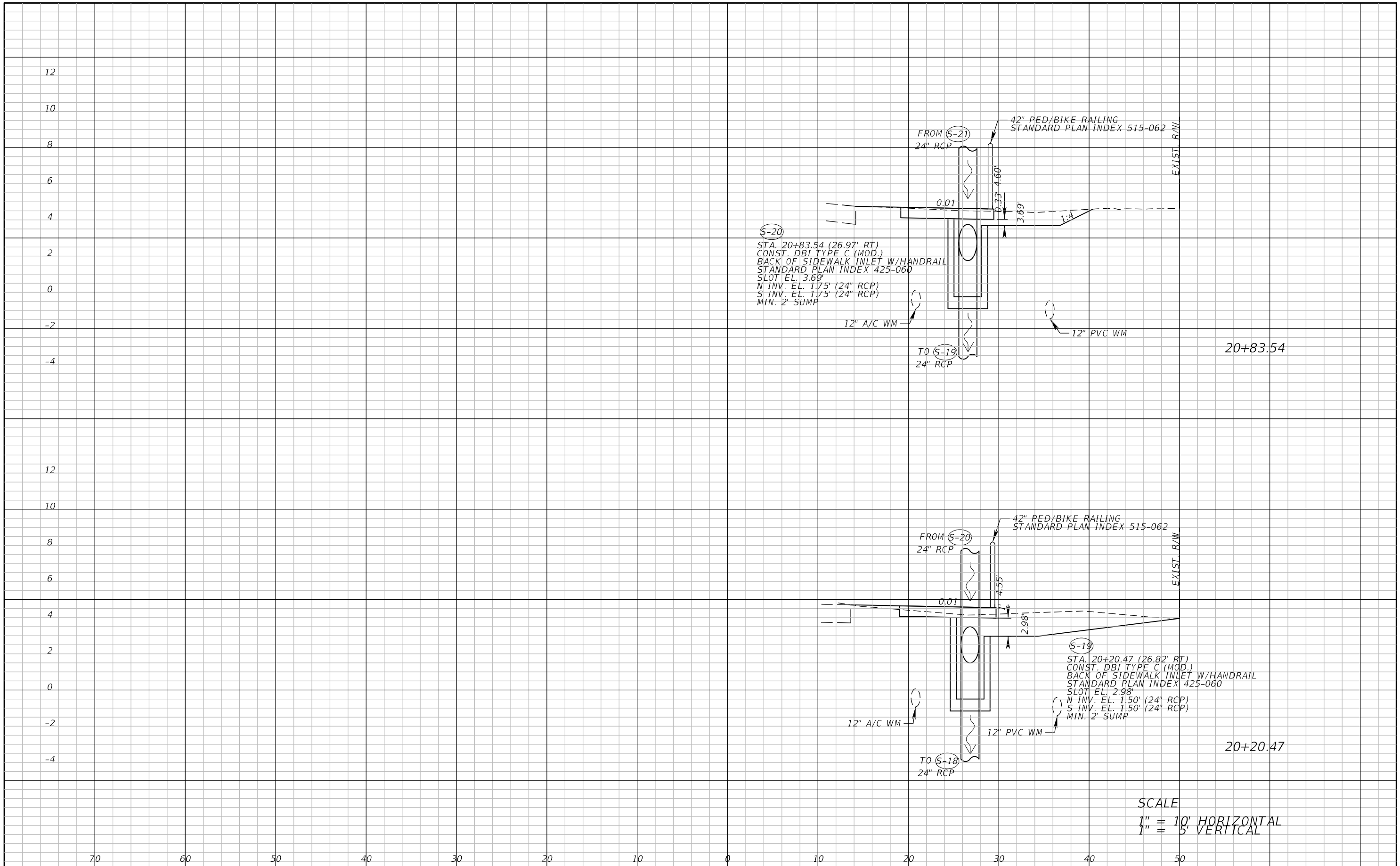
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (12)

SHEET NO.
69

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SCALE
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 1" = 5' VERTICAL

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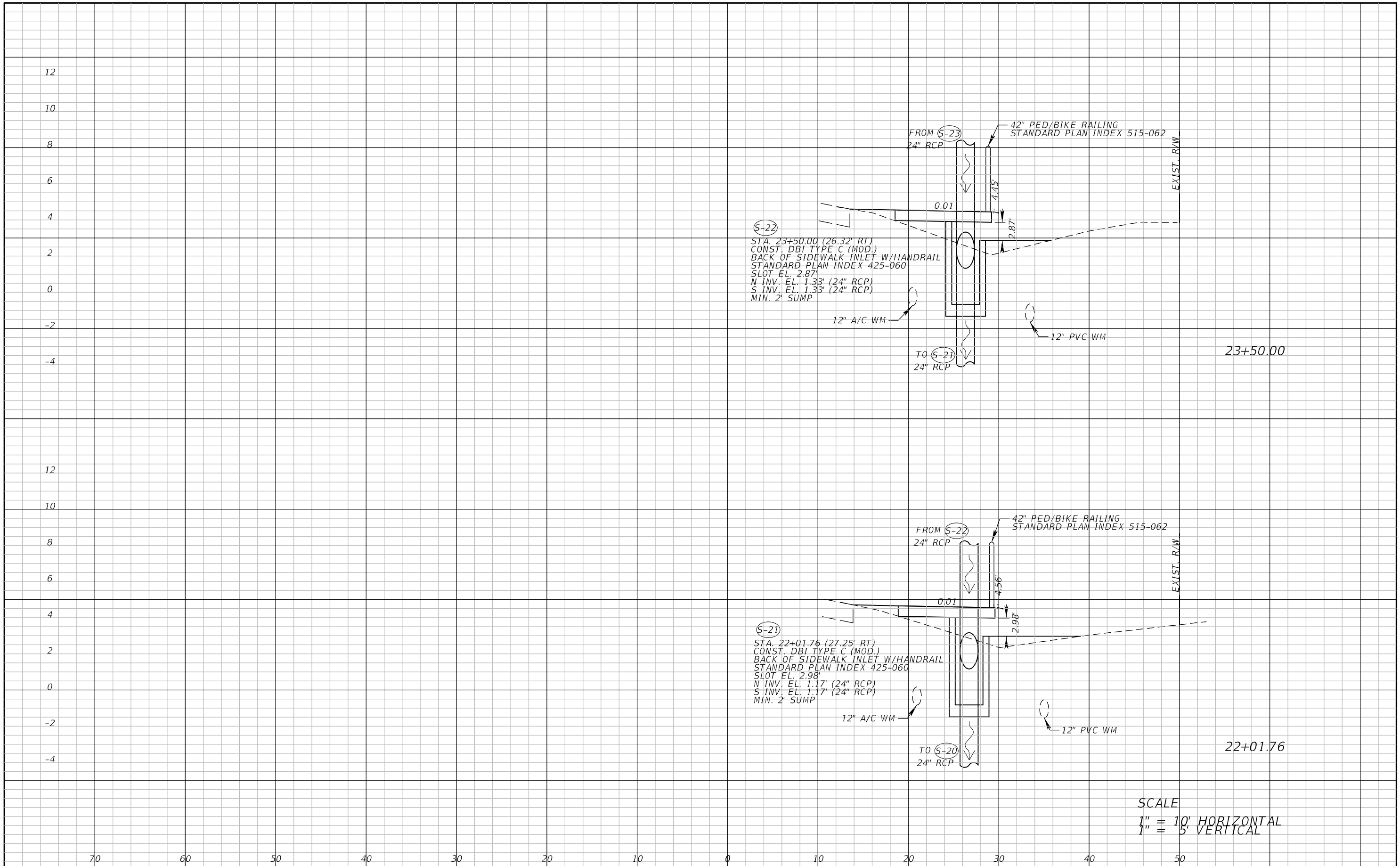
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DRAINAGE CROSS SECTION (13)

SHEET NO.
70

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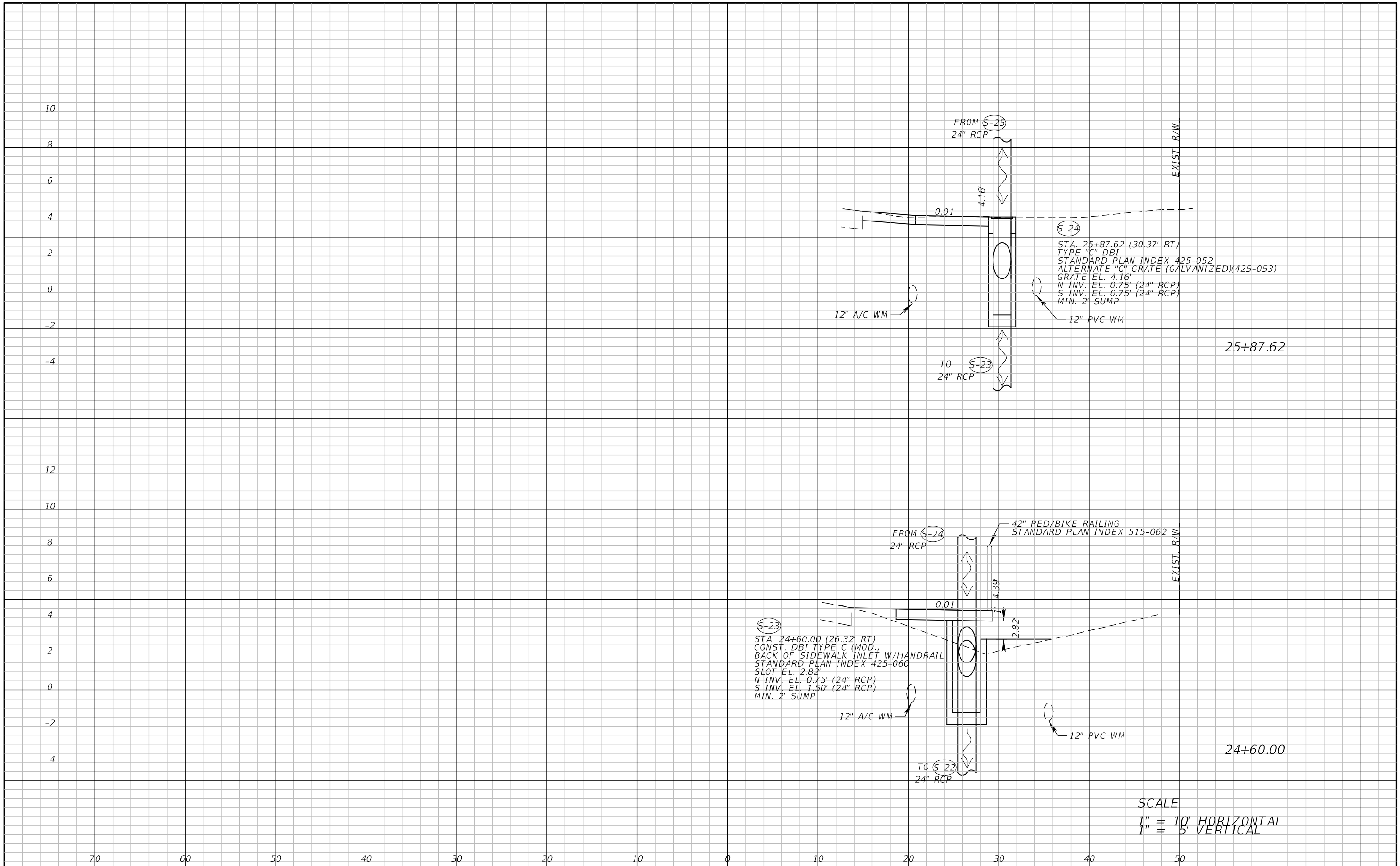
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DRAINAGE CROSS SECTION (14)

SHEET NO.
71

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SCALE
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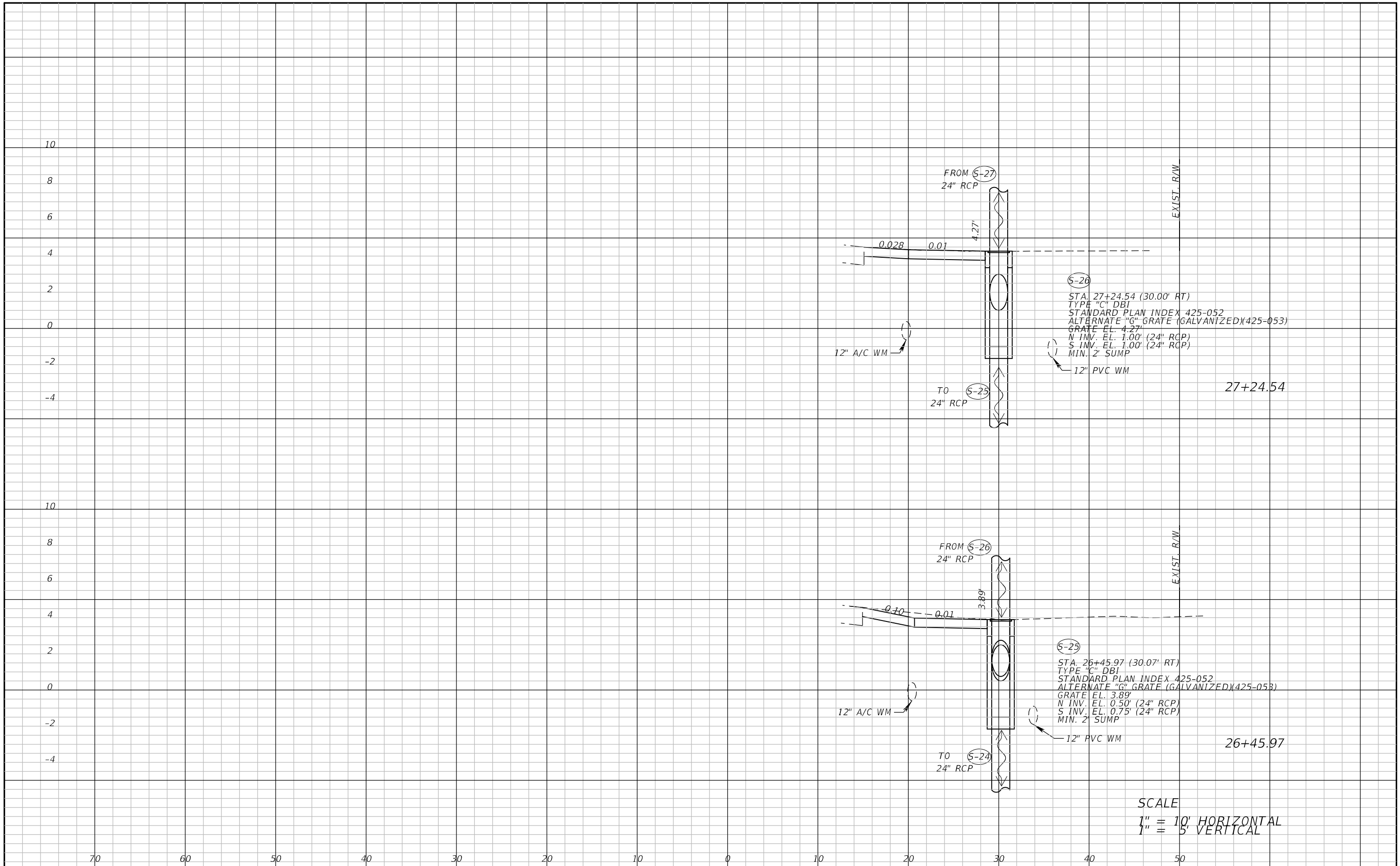


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STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (15)

SHEET NO.
72



(S-26)
 STA. 27+24.54 (30.00' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 4.27'
 N INV. EL. 1.00' (24" RCP)
 S INV. EL. 1.00' (24" RCP)
 MIN. 2' SUMP

(S-25)
 STA. 26+45.97 (30.07' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 3.89'
 N INV. EL. 0.50' (24" RCP)
 S INV. EL. 0.75' (24" RCP)
 MIN. 2' SUMP

SCALE
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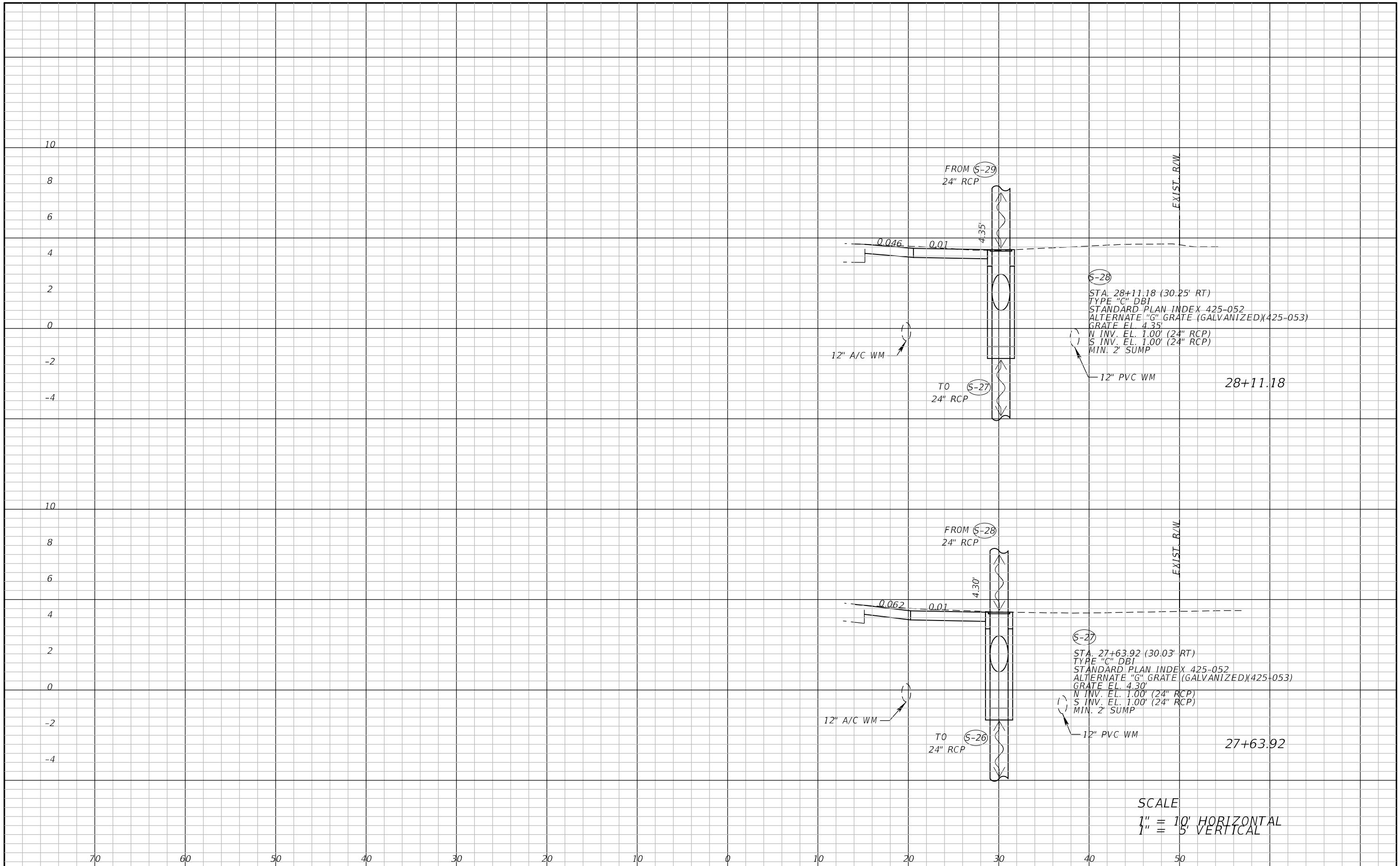


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STRINGFELLOW ROAD	LEE	206002

DRAINAGE CROSS SECTION (16)

SHEET NO.
73



SCALE
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 1" = 5' VERTICAL

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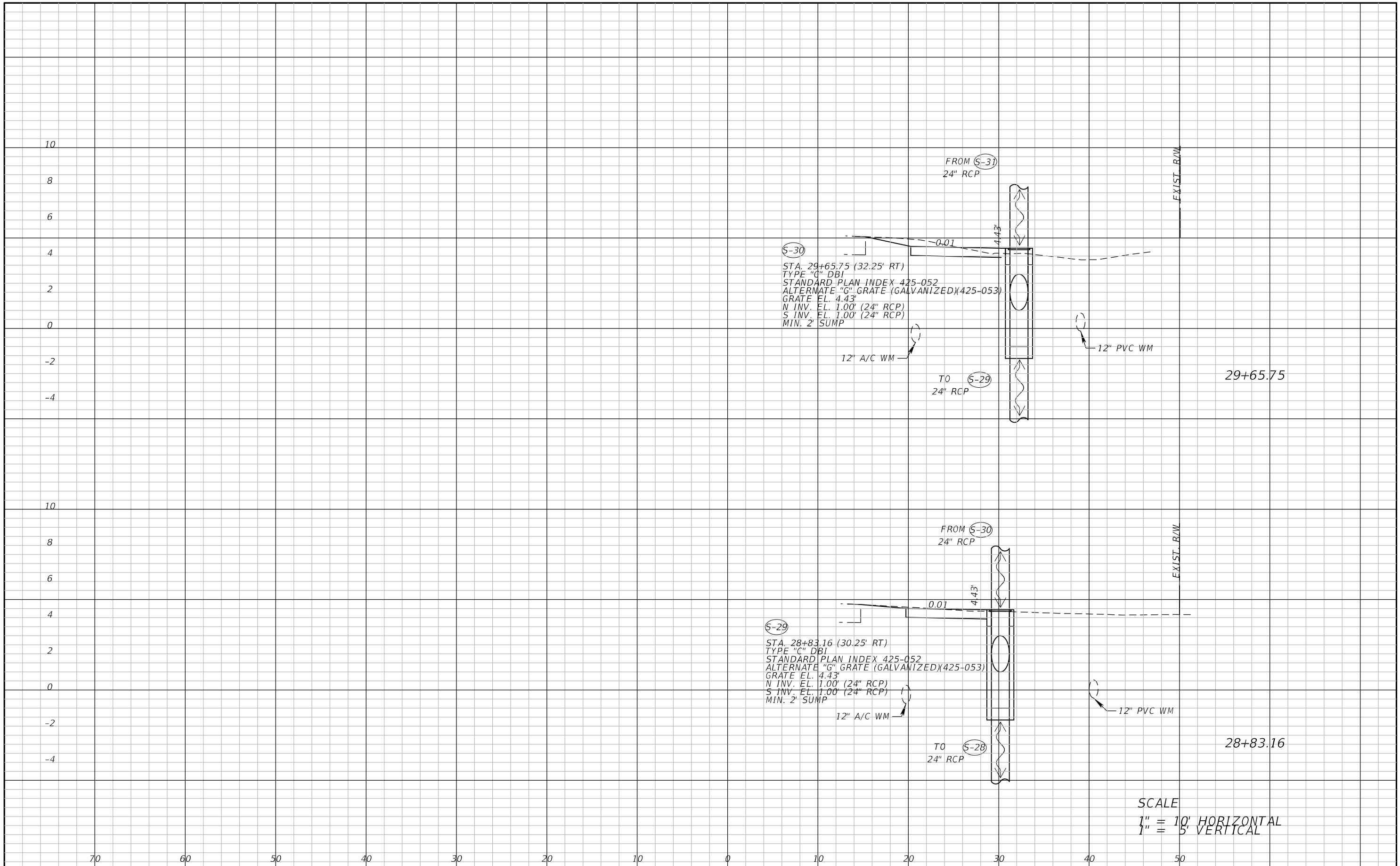


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DRAINAGE CROSS SECTION (17)

SHEET NO.
74



SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS	
DATE	DESCRIPTION



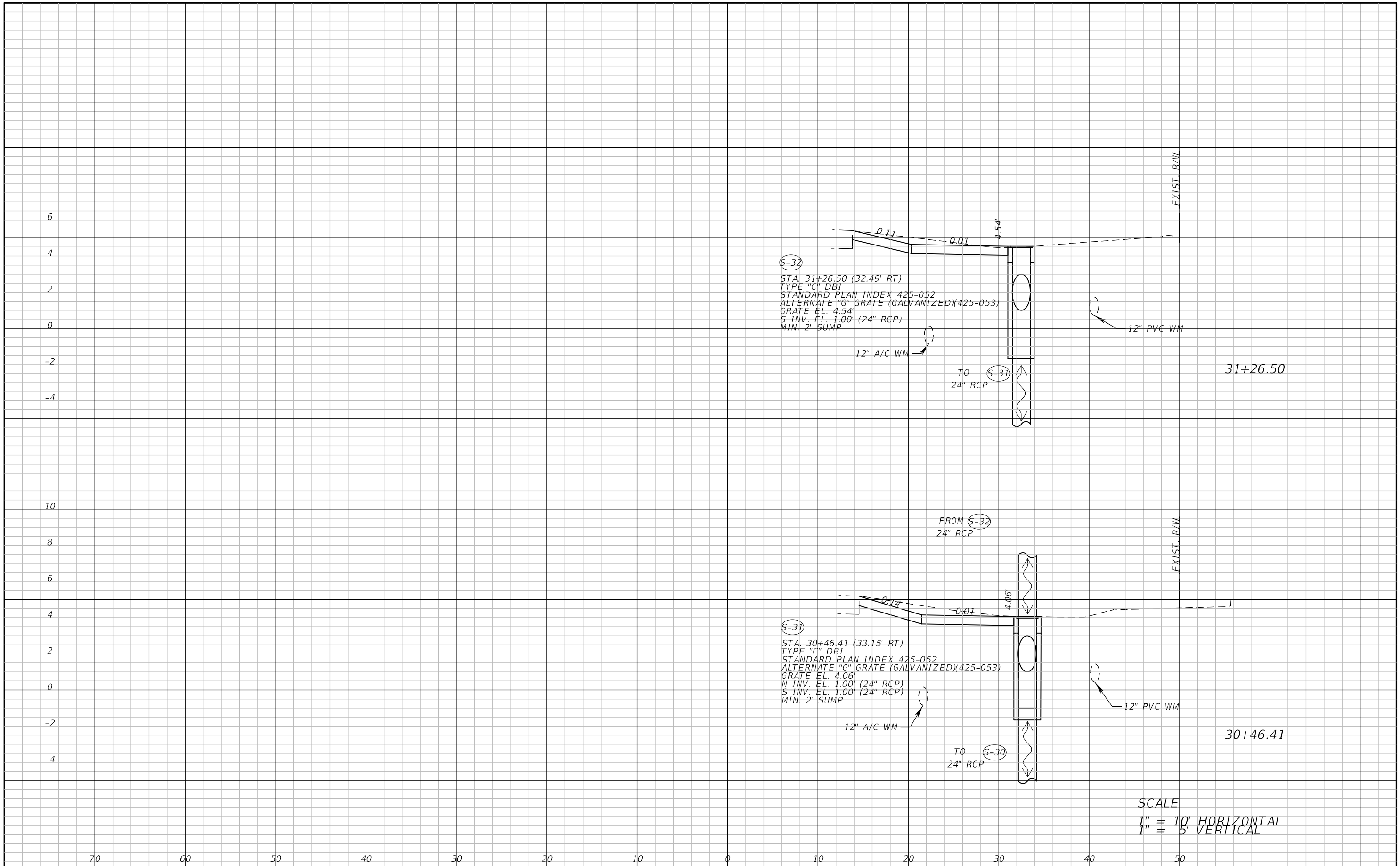
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DRAINAGE CROSS SECTION (18)

SHEET NO.
75

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(S-32)
 STA. 31+26.50 (32.49' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 4.54'
 S INV. EL. 1.00' (24" RCP)
 MIN. 2' SUMP

(S-31)
 STA. 30+46.41 (33.15' RT)
 TYPE "C" DBI
 STANDARD PLAN INDEX 425-052
 ALTERNATE "G" GRATE (GALVANIZED)(425-053)
 GRATE EL. 4.06'
 N INV. EL. 1.00' (24" RCP)
 S INV. EL. 1.00' (24" RCP)
 MIN. 2' SUMP

SCALE
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 1" = 5' VERTICAL

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DRAINAGE CROSS SECTION (19)

SHEET NO.
76

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I. SITE DESCRIPTION

(1) NATURE OF CONSTRUCTION ACTIVITY:

THIS PROJECT IS LOCATED IN LEE COUNTY ALONG THE EAST SIDE OF STRINGFELLOW RD. FROM EIGHTH AVE. TO YORK RD. THE PROPOSED IMPROVEMENTS INCLUDE MODIFYING THE DITCH ALONG STRINGFELLOW RD. IN ORDER TO ACCOMMODATE THE PROPOSED 10' SHARED USE PATH. SELECT PIPES UNDER DRIVEWAYS WILL BE REPLACED IN ORDER TO MAINTAIN DRAINAGE FLOW PATTERNS. PROJECT LENGTH IS APPROXIMATELY 0.67 MILES ALONG STRINGFELLOW RD.

THIS PROJECT WILL MAINTAIN CURRENT CONVEYANCE THROUGH THE PROJECT LIMITS AND WILL NOT PROVIDE ANY FORMAL WATER QUALITY IMPROVEMENTS.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

- (a) THE CONTRACTOR SHALL BE REQUIRED TO PREPARE A SITE SPECIFIC EROSION AND SEDIMENT 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.
- (b) THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER.
- (c) APPLICABLE EROSION AND SEDIMENT CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (E&S MANUAL).

(3) GENERAL NOTES:

- (a) ALL EROSION AND SEDIMENT CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
- (b) INSTALL EROSION AND SEDIMENT CONTROL DEVICES WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
- (c) PROVIDE SEDIMENT BARRIERS WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR DITCH/SWALE CHECK DAMS DURING CONSTRUCTION.
- (d) PROVIDE INLET PROTECTION SYSTEMS AT INLET OPENINGS.
- (e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
- (f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
- (g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
- (h) DO NOT REMOVE PERIMETER CONTROLS UNTIL ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 3.06 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 2.81 ACRES

(5) ESTIMATED DRAINAGE FLOW DIRECTION:

THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED BELOW ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

- (a) DRAINAGE MAP SHEETS: SHEET NO. 9, 10, 11.

(8) RECEIVING WATERS:

THE ONSITE RUNOFF IS CONVEYED THROUGH THE CURRENT ROADSIDE DITCHES TO CROSS DRAINS FLOWING SOUTH ALONG STRINGFELLOW RD. INTO A ROADSIDE DITCH ON EIGHTH AVE WHICH OUTFALLS INTO DAWSON CANAL NORTH OF EIGHTH AND ULTIMATELY TO MATLACHA PASS AND PINE ISLAND SOUND. THE CONTRACTOR SHALL PREVENT UNAUTHORIZED MATERIALS FROM ENTERING THE WATERWAY.

(9) NO WETLANDS AND/OR SURFACE WATER IMPACTS ARE ANTICIPATED ON THIS PROJECT.

(10) DESCRIPTION OF STORMWATER MANAGEMENT:

- (a) OFF-SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
- (b) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. SEDIMENT CONTROL WILL BE ACCOMPLISHED BY USING STREET OR VACUUM SWEEPERS.
- (c) STORMWATER RUNOFF SHALL BE CONVEYED TO EITHER TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR TO PERMANENT STORMWATER MANAGEMENT FACILITIES (TREATMENT AND ATTENUATION PONDS). THE PROPOSED SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY. THE OUTFALL STRUCTURES ARE TO BE PLUGGED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL.
- (d) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE U.S.

2. CONTROLS:

SEDIMENT AND EROSION CONTROLS:

(1) WATER QUALITY MONITORING:

- (a) WATER QUALITY MONITORING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIAL CONDITIONS OF ANY ENVIRONMENTAL PERMIT OR BY THE CONTRACTOR UPON THE OBSERVATION THAT WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS MAY BE SPECIFIED IN THE ENVIRONMENTAL PERMIT OR MAY BE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE PROJECT ADMINISTRATOR.
- (b) THE PROJECT ADMINISTRATOR WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (29 NTU'S ABOVE BACKGROUND OR 1 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
- (c) IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHALL BE STOPPED IMMEDIATELY, THE ENVIRONMENTAL PERMIT CONDITIONS FOLLOWED AND EROSION AND SEDIMENT CONTROL DEVICES RE-EVALUATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (29 NTU'S ABOVE BACKGROUND OR 1 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
- (d) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.

(2) STABILIZATION PRACTICES:

- (a) STABILIZATION MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO MAINTAINING, ESTABLISHING AND USING VEGETATION, APPLYING MULCHES, SODDING, SEEDING, BMP'S AND THE USE OF ROLLED EROSION CONTROLLED PRODUCTS. WHEN CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SIDE SLOPES SHALL BE STABILIZED WITH PERFORMANCE SODDING OR SEEDING OR ANY OTHER APPROVED METHOD OF STABILIZATION INCLUDED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (E&S MANUAL).
- (b) STABILIZATION SHALL TAKE PLACE AS SOON AS PRACTICAL IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT NO LATER THAN 7 DAYS AFTER ANY CONSTRUCTION ACTIVITY CEASES EITHER TEMPORARILY OR PERMANENTLY.
- (c) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS, AND THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN.

<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION			 <p>LEE COUNTY SOUTHWEST FLORIDA</p>	<p>ATKINS</p> <p>1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD</th> <th>COUNTY</th> <th>COUNTY PROJECT NO.</th> </tr> </thead> <tbody> <tr> <td>STRINGFELLOW ROAD</td> <td>LEE</td> <td>206002</td> </tr> </tbody> </table>			ROAD	COUNTY	COUNTY PROJECT NO.	STRINGFELLOW ROAD	LEE	206002	<p>STORMWATER POLLUTION PREVENTION PLAN (1)</p>		<p>SHEET NO.</p> <p>77</p>
DATE	DESCRIPTION																		
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STRINGFELLOW ROAD	LEE	206002																	

- (d) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF THE PROJECT HAS BEEN ACHIEVED.
- (e) SEDIMENT BARRIERS SHOULD BE USED ALONG THE LENGTH OF THE PROJECT WHERE THE GROUND SLOPES AWAY FROM THE RIGHT OF WAY OR WHERE THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFF-SITE. PARTICULAR CARE SHOULD BE USED WHEN WETLANDS OR WATERS OF THE U.S. ARE INVOLVED. SEDIMENT BARRIERS SHOULD BE USED AROUND THE PERIMETER OF STOCKPILE AREAS.
- (f) SPACING OF SEDIMENT BARRIERS USED AS DITCH OR SWALE CHECKS/DAMS SHOULD BE BASED UPON THE HEIGHT OF THE BARRIER AND THE SLOPE OF THE DITCH OR SWALE.
- (g) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING SOIL TRACKING PREVENTION SYSTEMS OR PROCEDURES AS NEEDED.

(3) STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL:

(a) ROLLED EROSION CONTROL PRODUCTS (ARTIFICIAL COVERINGS)

PURPOSE: TO PROTECT DISTURBED SLOPE SURFACES AGAINST EROSION DUE TO RAINFALL OR FLOWING WATER.

- (1) USED FOR PAUSES IN CONSTRUCTION DUE TO INCLEMENT WEATHER OR OTHER CIRCUMSTANCES: COULD INCLUDE NATURAL OR SYNTHETIC FIBER MATS, PLASTIC SHEETING OR NETS.
- (2) USED FOR EROSION CONTROL THAT FACILITATES PLANT GROWTH WHILE PERMANENT GRASS IS ESTABLISHED: COULD INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED ON A SEEDED AREA, ON FILL SLOPES OR IN DITCHES.
- (3) USED TO STABILIZE DRAINAGE CHANNELS: CONSULT E&S MANUAL TO DETERMINE CORRECT PRODUCT TYPE FOR CHANNEL STABILIZATION.

(b) RUNOFF CONTROL STRUCTURE (TEMPORARY SLOPE DRAIN)

PURPOSE: TO PROTECT HILLSIDE SURFACES AGAINST EROSION DUE TO CONCENTRATED FLOW OF RUNOFF WATER.

- (1) USED ON FILL SLOPES AND CUT SLOPES TO REDUCE SEDIMENT TRANSPORT AND COULD INCLUDE TEMPORARY SLOPE DRAINS, GRASS-LINED CHANNELS, ROCK-LINED CHANNELS AND CHECK DAMS.
- (2) RUNOFF CONTROL STRUCTURES TYPICALLY DISCHARGE TO A SEDIMENT BASIN.

(c) SEDIMENT BASIN (CONTAINMENT SYSTEM)

PURPOSE: A CONTAINMENT SYSTEM IS DESIGNED TO DETAIN AN ADEQUATE VOLUME OF RUNOFF, REDUCE THE VELOCITY OF FLOW THROUGH THE SYSTEM, ALLOW FOR SETTLEMENT OF SUSPENDED SOLIDS AND REGULATE THE DISCHARGE RATE FROM THE SEDIMENT BASIN.

- (1) SEDIMENT BASINS MUST BE PLACED IN STRATEGIC LOCATIONS WITHIN THE ACTIVE AREAS OF CONSTRUCTION. CONTRIBUTING AREA AND SIZE OF TARGET SOIL PARTICLE WILL DICTATE WHETHER THE SEDIMENT BASIN WILL BE TYPE 1, TYPE 2 OR TYPE 3 SYSTEM.
- (2) THE USE OF SMALLER PRE-SEDIMENTATION BASINS USED IN CONJUNCTION WITH LARGER PERMANENT RETENTION/DETENTION PONDS ARE EFFECTIVE IN CAPTURING LARGER VOLUMES OF SEDIMENTS. THIS TECHNIQUE REQUIRES PERIODICALLY SCHEDULED REMOVAL OF THE ACCUMULATED SEDIMENTS.

(d) SEDIMENT BARRIERS (TEMPORARY CONSTRUCTION SITE BMP'S)

PURPOSE: SEDIMENT BARRIERS EITHER OBSTRUCT FLOW OR PREVENT THE PASSAGE OF WATER WHILE CONSTRUCTION ACTIVITIES OCCUR. SMALLER SEDIMENT BARRIERS MAY FUNCTION AS A SMALL SEDIMENT CONTAINMENT SYSTEM OR AS A METHOD TO REDUCE FLOW VELOCITY.

- (1) THESE CONSTRUCTION BMP'S CAN INCLUDE SYNTHETIC BALES, STAKED SILT FENCE, TURBIDITY BARRIER, STORM SEWER INLET BARRIERS, ROCK BARRIERS, GEOSYNTHETIC BARRIERS, ETC.
- (2) APPROPRIATE LOCATIONS INCLUDE SITE PERIMETER, BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION, BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, ALONG THE TOE OF STREAM AND CHANNEL BANKS, AROUND DRAINS AND INLETS LOCATED IN LOWPOINTS OR THE DOWNSTREAM EDGE OF AREAS UNDERGOING VERTICAL OR BOX CULVERT CONSTRUCTION ACTIVITIES.
- (3) INAPPROPRIATE LOCATIONS FOR THESE SAME MEASURES INCLUDE PARALLEL TO A HILLSIDE CONTOUR, IN CHANNELS WITH CONCENTRATED FLOW (UNLESS PROPERLY REINFORCED), UPSTREAM OR DOWNSTREAM OF CULVERTS WITH CONCENTRATED FLOW, IN FRONT OF OR AROUND INLETS ON A GRADE WITH CONCENTRATED FLOW OR IN FLOWING STREAMS.

(e) INLET PROTECTION SYSTEM

PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.

- (1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME AND FILTER BARRIERS, CURB INLET "SUMP" BARRIER, CURB INLET DIVERSION BERM, CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM OR CURBINLET INSET.

- (2) SHOULD BE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ON-GOING AND ONLY WHERE SUMP CONDITIONS EXIST.
- (3) SHOULD NOT BE USED WHEN CONSTRUCTION IS COMPLETE AND SHOULD NOT BE USED IN AREAS WHERE FLOODING COULD ENCRACH INTO THE TRAVEL LANES.

11. OTHER CONTROLS:

(1) WASTE DISPOSAL

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

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

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

(3) STATE AND FEDERAL REGULATIONS: PROJECT SHOULD BE EXEMPT FROM PERMITTING SINCE THE WORK IS LIMITED TO ADDING A MULTI-USE PATHWAY <14' PER SFWMD 62-330.05> EXEMPT ACTIVITIES. GIVEN THAT THE PROPOSED IMPROVEMENTS WILL OCCUR IN UPLAND CUT DITCHES, NOT NATURAL SWALES.

(4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE LEE COUNTY WITH AN EROSION AND SEDIMENT CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS (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 MICHAEL JOHNSON (239) 334-7275.

IV. MAINTENANCE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES.

- (1) ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR AND ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.
- (2) SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- (3) SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.
- (4) STAKED SILT FENCES SHALL BE REPLACED EVERY TWELVE (12) MONTHS OR WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.
- (5) STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

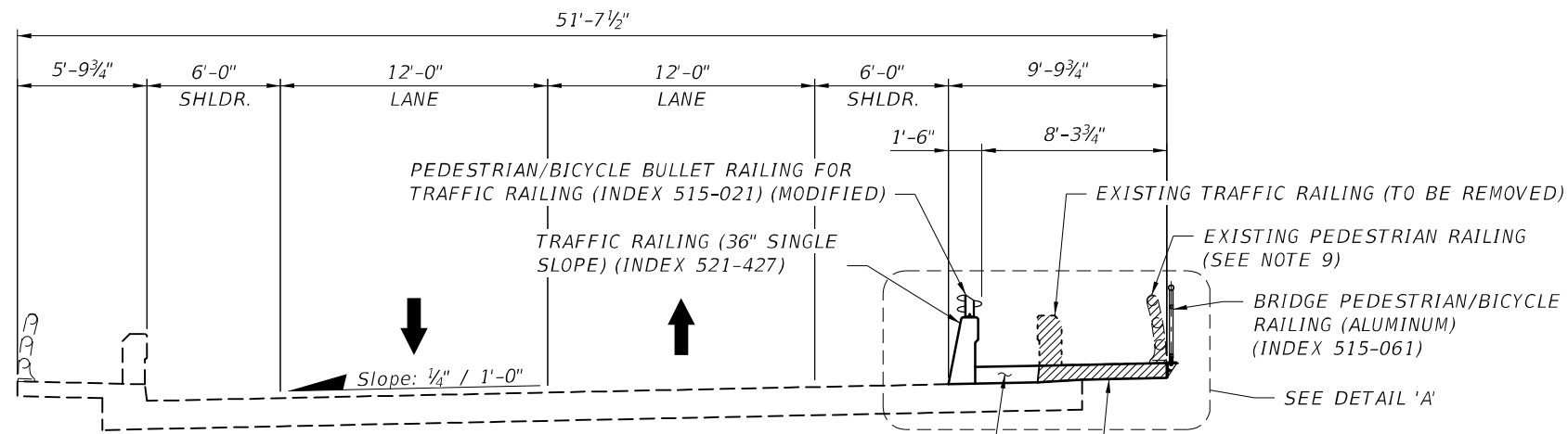
IV. INSPECTION:

- (1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT.
- (2) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.
- (3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.

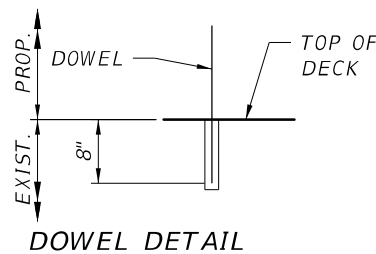
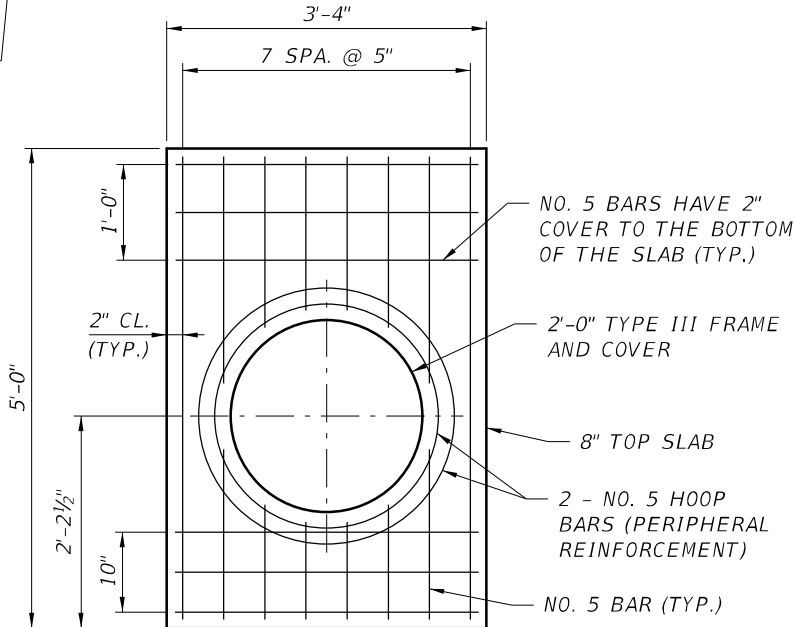
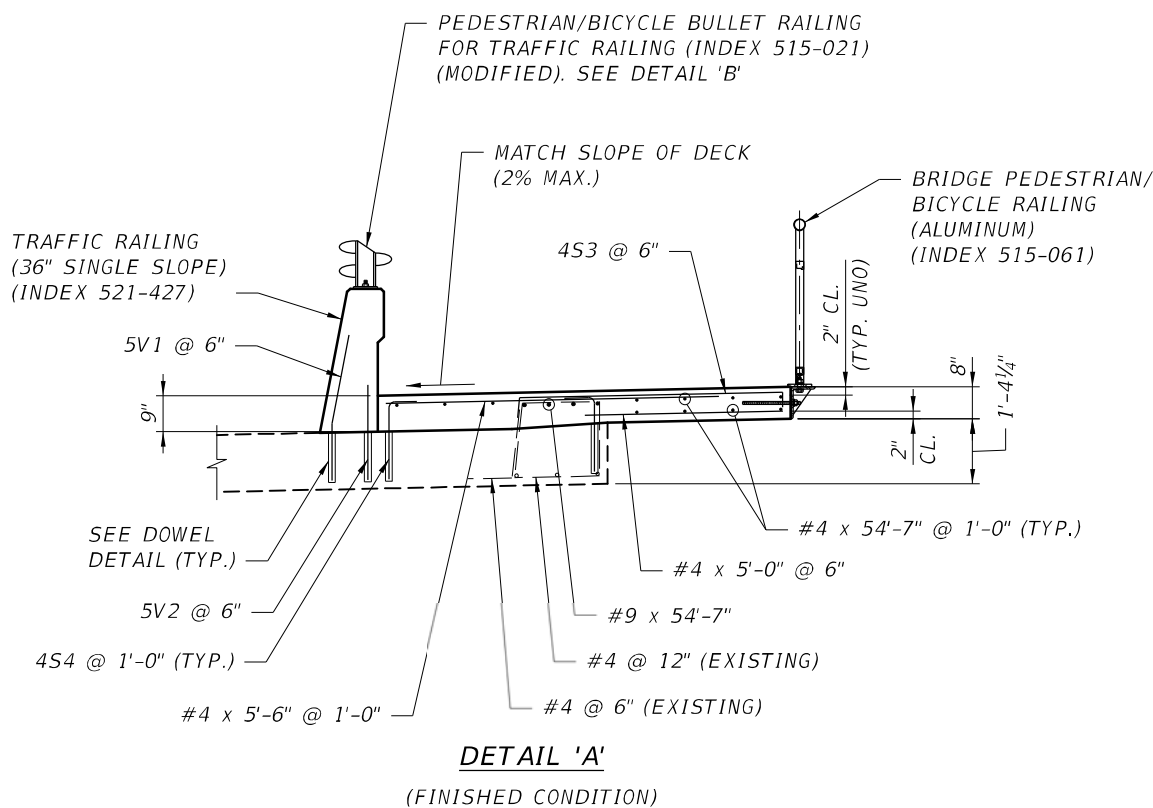
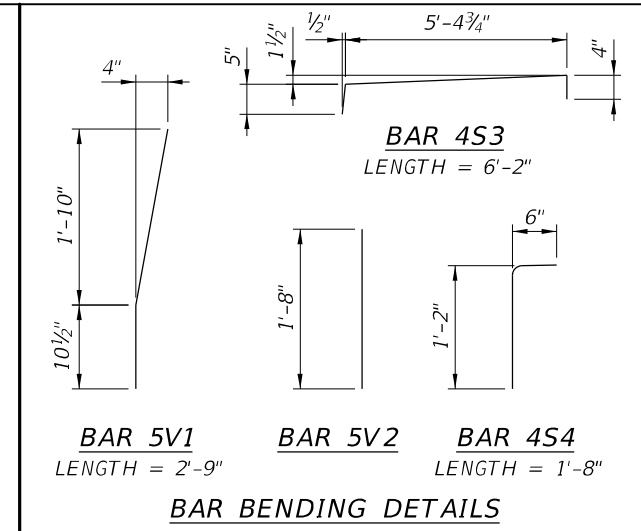
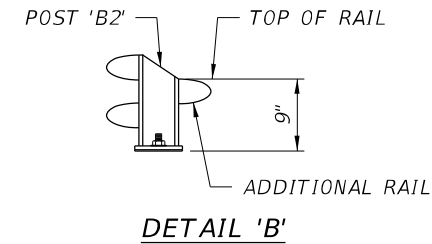
V. TRACKING AND REPORTING:

- (1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE COUNTY DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE EROSION AND SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION AND SEDIMENT CONTROL DEVICES OR LUMP SUM COST OF THE PROJECT.

REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN (2)	SHEET NO. 78
DATE	DESCRIPTION			ROAD	COUNTY	COUNTY PROJECT NO.		
			1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015 FBPE Certificate of Authorization No. 24 Michael T. Johnson, P.E. 84341	STRINGFELLOW ROAD	LEE	206002		



TYPICAL SECTION

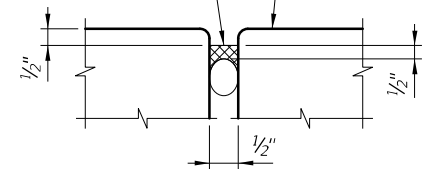


DOWEL NOTES:

1. DRILL HOLES TO A MINIMUM EDGE DISTANCE OF 3 TIMES THE DOWEL BAR DIAMETER FROM FREE EDGES OF CONCRETE AND 1" MINIMUM CLEARANCE BETWEEN THE EDGES OF THE DRILLED HOLES AND EXISTING REINFORCING BARS.
2. INSTALL DOWEL BARS PER SPECIFICATIONS SECTION 416 AND MANUFACTURER'S RECOMMENDATIONS FOR HOLE DIAMETER AND HOLE CLEANING TECHNIQUE.
3. PROVIDE TYPE HSHV ADHESIVE PER SPECIFICATIONS SECTION 937 AND SUBMIT DATA TO THE ENGINEER FOR APPROVAL.

POURED JOINT WITH BACKER ROD EXPANSION JOINT SYSTEM (INDEX 458-110)

TOP OF DECK, SIDEWALK OR APPROACH SLAB



NOTES:

1. ROUGHEN EXISTING CONCRETE SURFACE UNDER TRAFFIC RAILING AND PORTION OF WIDENED SIDEWALK TO 1/4" ± AMPLITUDE.
2. THOROUGHLY SATURATE ROUGHENED AREA WITH WATER IN ACCORDANCE WITH SPECIFICATION 400 FOR 12 HOURS IMMEDIATELY PRIOR TO PLACING CAST-IN-PLACE (CIP) CONCRETE.
3. REMOVAL OF EXISTING STRUCTURES SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS 110, UNLESS OTHERWISE NOTED AND DISPOSAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. EXISTING BARS NOT TO BE DAMAGED DURING CONCRETE REMOVAL. BARS TO BE EVALUATED TO DETERMINE IF REPLACEMENT IS WARRANTED.
5. CIP CONCRETE OVERLAY SHALL CONSIST OF CLASS IV CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5500 PSI.
6. ALL REINFORCEMENT AND DOWELS SHALL BE ASTM A615, GRADE 60.
7. QUANTITIES:
400-4-4: CONCRETE CLASS IV, SUPERSTRUCTURE = 13.2 CY
415-1-4: REINFORCING STEEL, SUPERSTRUCTURE = 2,177 LB
458-1-21: BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD = 17 LF
515-2-311: PEDESTRIAN/BICYCLE RAILING, 42" TYPE 1 = 56 LF
515-4-2: PEDESTRIAN/BICYCLE BULLET RAILING (MOD.) = 56 LF
521-5-13: TRAFFIC RAILING (36" SINGLE SLOPE) = 56 LF
8. COST OF DOWEL BARS 5V1 AND 5V2 SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR ITEM 521-427, TRAFFIC RAILING (36" SINGLE SLOPE).
9. REFER TO STANDARD PLANS INDEX 458-110, 515-021, 515-061 AND 521-427 FOR TYPICAL DETAILS NOT SHOWN.
10. EXISTING STEEL HANDRAIL TO BE RECOVERED, STORED AND RETURNED UNDAMAGED TO THE COUNTY.

LEGEND:

- EXISTING STRUCTURE
- EXISTING STRUCTURE (TO BE REMOVED)
- NEW STRUCTURE

REVISIONS	
DATE	DESCRIPTION



ATKINS
1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Rudolf P. G. Pein, P.E. 56805

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

SUPERSTRUCTURE DETAILS

SHEET NO.
79

Subsurface Utility Engineering Test Hole Datasheet



Financial Project Number:		AIM Engineering & Surveying Inc.
Project Road Name:	Stringfellow Rd	2161 Fowler Street Suite 100
Project Limits:	8th Ave and Oleander St north to the bridge south of York Rd	Ft. Myers FL, 33901
Date of Field Work:	8/26/2019, 09/04/2019-09/05/2019	239-332-4569 www.aimenqr.com

Utility Type	Utility Material	Survey Markers:	Field Crew:								
WM-Water Main	AC-Asbestos Concrete	SIRC: Set 5/8" Iron Rod with cap "AIM ENG. LB-3114 TEST HOLE"	RN, CM, RS, KE								
	PVC-Polyvinyl chloride	SMAGD: Set Mad Nail and Disk "AIM ENG LB 3114"	Prepared By: JW								
		Horizontal Datum: Florida State Plane, West Zone, NAD 83	QA/QC By: GF								
		Units: US Survey Feet	Field Books Used: 1601 Pages 25-36								
		Vertical Datum: Vertical Datum, GPS derived NAVD88 (North American Vertical Datum of 1988)	Utility Owners Identified: GPIWA								
		Additional Abbreviations: Vvh-Verified Vertical Horizontal									
		Equipment: RAMVAC AX-4000 AIR EXCAVATOR Locators-Radio Detection RD-8000, RD1000 GPR Leica Viva									
Test Hole #	Utility Type	Utility Material	Utility Size	Owner	Northing	Easting	Ground Elev.	Top of Utility Elev.	Depth of Cover	Marker Set	Comments
Vvh 1	WM	AC	12"	GPIWA	789387.99	629250.27	4.44	-0.21	4.65	SIRC	
Vvh 2	WM	AC	12"	GPIWA	789530.33	629232.45	4.10	-0.06	4.16	SIRC	
Vvh 3	WM	AC	12"	GPIWA	790429.68	629120.33	4.41	0.41	4.00	SMAGD	
Vvh 4	WM	AC	12"	GPIWA	790781.35	629077.59	4.89	0.20	4.69	SIRC	
Vvh 5	WM	AC	12"	GPIWA	788944.00	629303.07	4.73	0.65	4.08	SIRC	
Vvh 6	WM	AC	12"	GPIWA	788737.43	629329.03	4.18	0.63	3.55	SIRC	
Vvh 7	WM	AC	12"	GPIWA	788398.84	629371.22	4.63	0.80	3.83	SIRC	
Vvh 8	WM	AC	12"	GPIWA	787901.06	629432.89	4.34	0.92	3.42	SIRC	
Vvh 9	WM	PVC	12"	GPIWA	788736.78	629343.27	1.82	0.22	1.60	SIRC	
Vvh 10	WM	PVC	12"	GPIWA	790783.26	629095.97	4.28	1.15	3.13	SIRC	
Vvh 11	WM	PVC	12"	GPIWA	790431.09	629133.65	4.01	-0.89	4.90	SMAGD	
Vvh 12	WM	PVC	12"	GPIWA	789534.56	629246.23	2.11	-0.25	2.36	SIRC	
Vvh 13	WM	PVC	12"	GPIWA	789425.67	629257.46	1.70	-2.83	4.53	SIRC	
Vvh 14	WM	PVC	12"	GPIWA	788944.49	629323.87	3.44	0.73	2.71	SIRC	

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 FBPE Certificate of Authorization No. 24
 Michael T. Johnson, P.E. 84341

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	COUNTY PROJECT NO.
STRINGFELLOW ROAD	LEE	206002

*SUMMARY OF
VERIFIED UTILITIES*

SHEET NO.
80

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

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T2 UES		Subsurface Utility Engineering Test Hole Field Data					Date: 10/23/2019							
5670 Zip Drive, Fort Myers, FL 33905 Phone: 239.277.0222 / Fax: 239.277.7179		T2 Project No.: CR1200100			Vac Truck/Trailer No.: 550589		SUE Crew: R.P., J.A., A.A.		Prepared By: S.U.		Checked By: C.C.			
		Client Project No.: Stringfellow			Proj. Road Name: Pine Island		Units: U.S. Survey Feet		Datum(s): Horizontal: NAD 83/11 Vertical: NAVD 88					
Utility Material:		Utility Type:			Station & Offset Measured From:									
AC (Transite)	CMP (Corrugated Metal Pipe)	BE - Electrical	BT - Buried Telephone	30 - Edge Of Pavement	31 - "X" in Concrete	32 - Survey B/L								
CI (Cast Iron)	CPP (Corrugated Plastic Pipe)	EXP - Exploratory	CATV - Cable Television	33 - C/L of Construction	34 - Back of Curb	35 - Swing Tie								
Conc. (Concrete)	DBC (Direct Buried Cable)	FL - Fuel Line	CW - Chilled Water	Surface Type:										
Copper	DIP (Ductile Iron Pipe)	FM - Force Main	FOC - Fiber Optic Cable	A - Asphalt	B - Brick	C - Concrete	G - Gravel	NG - Natural Ground						
Duct	HDPE (High Density PE)	GM - Gas Line	RAW - Raw Water	RR - Riprap	R - Rock	S - Shell								
Fg (Fiberglass)	PE (Polyethylene Pipe)	HW - Hot Water	RCW - Reclaimed Water	Identified By:										
Galv. (Galvanized)	PVC (Polyvinyl Chloride)	IRR - Irrigation	SAN - Sanitary Sewer	20 - Sleeve	21 - Hub/Lathe	22 - Nail/Disk (See below)								
Lead	RCP (Reinforced Concrete Pipe)	SL - Street Light	STM - Storm Sewer	23 - "X" in Concrete	24 - Iron Rod & Cap (See below)									
STL (Steel)	VCP (Vitrified Clay Pipe)	TS - Traffic Signal	WM - Water Main	* Note: 22 = Set Nail and Disk Stamped "Cardno Test Hole"										
UNK (Unknown)	PL Petroleum	UNK - Unknown		* Note: 24 = Set Iron Rod & Cap Stamped "Cardno Test Hole"										
Utility Owner	Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Northing	Easting	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
GPIWA	10/23/19	TH-1	8" PVC, WM	788729.00	629337.00	2.64	2.58	0.06	NA	●	↔	24	NG	NA
Notes:														

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REVISIONS		DATE		DESCRIPTION										SHEET NO.	
															81



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1514 Broadway, Suite 202, Ft. Myers, FL 33901-3015
FBPE Certificate of Authorization No. 24
Michael T. Johnson, P.E. 84341

LEE COUNTY
DEPARTMENT OF TRANSPORTATION
ROAD COUNTY COUNTY PROJECT NO.
STRINGFELLOW ROAD LEE 206002

SUMMARY OF
VERIFIED UTILITIES (2)