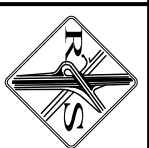




ITEM NUMBER	SUMMARY OF CULVERT REPLACEMENTS ITEMS	UNIT	QUANTITY TOTAL
0101 1	MOBILIZATION	LS	1
0102 1	MAINTENANCE OF TRAFFIC	LS	1
0102 60	WORK ZONE SIGN	ED	1440
0102 74 2	BARRICADE, TEMPORARY, TYPE III, 6'	ED	360
0102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	1080
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	240
0104 10 3	SEDIMENT BARRIER	LF	1817
0110 1 1	CLEARING & GRUBBING	LS	1
0120 1	REGULAR EXCAVATION	CY	120
0120 6	EMBANKMENT	CY	145
0400 1 2	CONCRETE CLASS I, ENDWALLS	CY	1.6
0430175115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	744
0430175118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	840
0430613323	U-ENDW ALL, WITH BAFFLES & GRATE, STD 261, 1:2 SLOPE, 15" PIPE	EA	8
0430613325	U-ENDW ALL, WITH BAFFLES & GRATE, STD 261, 1:2 SLOPE, 18" PIPE	EA	26
0430982123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	28
0430982125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	19
0522 2	SIDEWALK CONCRETE, 6" THICK	SY	1427
0570 1 2	PERFORMANCE TURF, SOD	SY	1170
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF	14

DATE	BY	DESCRIPTION	DRAWN BY	CHECKED BY	DESIGN BY	CHECKED BY	DATE
			B.A.W.	C.M.C.	D.E.M.	J.R.	7/06/11

ENGINEER OF RECORD:  
DANIELLE MARRERO, P.E. #46450



REGISTE, SLIGER ENGINEERING, INC.  
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
CERT. OF AUTHORIZATION # 9292 FL 32303  
1427 N. Bronough Street - Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505  
PROJECT NUMBER: 1007C



LEON COUNTY DEPARTMENT OF PUBLIC WORKS  
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
PHONE (850) 606-1500 \* FAX (850) 488-1260



SUMMARY OF PAY ITEMS  
PROJECT NAME: LAKESIDE DRIVE  
CULVERT REPLACEMENTS  
SHEET NO. 1

GENERAL NOTES

=====

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.  
  
UTILITY OWNERS:  

	CONTACT	TELEPHONE NUMBERS
COMPANY		
EMBARQ	MR. THOMAS DUGGAR	(850) 599-1444
TALQUIN ELECTRIC	MR. JEREMY NELMS	(850) 627-7651
MCI COMMUNICATION SERVICES	MR. CHARLES BRUNICK	(850) 265-3652
COMCAST CABLE	MR. IRVIN JENKINS	(850) 574-4060
3. ANY PUBLIC LAND CORNER OR BENCH MARK 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 ENGINEER SHOULD NOTIFY THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
4. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE COUNTY, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE COUNTY WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY.
5. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE SHALL BE REJECTED FOR USE ON THE PROJECT.
6. ALL STAGING AREAS NOT SHOWN IN THE PLANS NEED TO BE APPROVED BY LEON COUNTY PUBLIC WORKS & GROWTH MANAGEMENT PRIOR TO CONSTRUCTION.
7. ALL SOD SHALL BE OVER SEEDED AT THE DIRECTION OF THE COUNTY. THE COST OF OVER SEEDING SHALL BE INCLUDED IN THE COST OF THE SOD.
8. THE CONTRACTOR SHALL FURNISH THE ENGINEER, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE.
9. DURING ALL NON-WORK HOURS, NO EQUIPMENT, VEHICLES OR MATERIALS SHALL BE STORED WITHIN THE ROADWAY. ALL STORAGE AND/OR STAGING AREAS USED SHALL BE APPROVED BY LEON COUNTY.
10. ANY EXISTING ROAD OR STREET NAME SIGN WHICH CONFLICTS WITH CONSTRUCTION SHALL BE TEMPORARILY RELOCATED AND KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES.
11. LANE CLOSURES SHALL NOT BE ALLOWED BETWEEN THE HOURS OF 7:00 AM AND 9:00 AM OR BETWEEN 4:00 PM AND 6:00 PM. UNLESS APPROVED BY LEON COUNTY DEPARTMENT OF PUBLIC WORKS.
12. ALL FENCE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
13. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AS NOTED ON THE PLAN SHEETS. ANY OFF-SITE STORAGE AREA WILL REQUIRE PRIOR REVIEW BY COUNTY STAFF.
14. 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 CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
15. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
16. ALL MILLED AREAS WILL BE COVERED WITH TYPE SP ASPHALT THE SAME DAY THAT MILLING OCCURS.
17. ELEVATIONS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NAVD88) AND REFERENCED TO THE NATIONAL GEODETIC SURVEY (NGS) BENCHMARK PID NO. BE1807 WITH A PUBLISHED ELEVATION OF 245.18 FEET (NAVD88).
18. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.
19. ANY DISTURBED AREAS SHALL BE RECOMPACTED TO 95% OF PROCTOR AS DIRECTED BY ENGINEER AND COVER BY SOD.
20. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH ALL LEON COUNTY RULES AND REGULATIONS, THE PROJECT PLANS, AND AND THE CURRENT ADDITION OF THE FDOT DESIGN STANDARDS.
21. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL PROPERTIES.
22. ALL EXISTING FENCING THAT WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE.
23. ALL STOP BARS AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED FOLLOWING ASPHALT OVERLAY.
24. CONTRACTOR SHALL LIMIT CLEARING AND GRUBBING ACTIVITIES TO 300 FOOT SEGMENTS TO PREVENT EROSION.

	REVISIONS		ENGINEER OF RECORD:		
DATE	BY	DESCRIPTION	DRAWN BY	B.A.W.	INITIAL
			CHECKED BY	C.M.C.	
			DESIGN BY	D.E.M.	
			CHECKED BY	J.R.	
			DATE	7/26/11	
			DANIELE MARRERO, P.E. #66450		
 <b>REGISTE, SLIGER ENGINEERING, INC.</b> CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1007C					
 <b>LEON COUNTY DEPARTMENT OF PUBLIC WORKS</b> 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260					
<b>GENERAL NOTES</b>					SHEET NO.
<b>CULVERT REPLACEMENTS</b>					<b>2</b>

PAY ITEM FOOTNOTES  
=====

- 104- 10 - 13 PAY ITEM INCLUDES 320 LF OF TREE PROTECTION BARRICADE.  
 110-4 ALL TREE REMOVAL, INCLUDING GRINDING STUMPS, SHALL BE INCLUDED IN UNIT PRICE FOR CLEARING AND GRUBBING.  
 522-2 ALL REMOVAL OF EXISTING CONCRETE DRIVEWAYS SHALL BE INCLUDED IN UNIT PRICE FOR SIDEWALK CONCRETE, 6" THICK.  
 430-175-115 PAY ITEM INCLUDES COST OF REPLACEMENT OF CONCRETE DITCH PAVEMENT WHERE NEEDED.  
 430-175-118 INCLUDES COST OF ALL ASPHALT REMOVAL, EXCAVATION, TRENCHING, SUITABLE FILL, AND EXISTING PIPE/STRUCTURE REMOVAL, AND PAVEMENT RESTORATION FOR TRENCHES.  
 570-1-2 INCLUDES COST OF NORTH AMERICAN GREEN P300 OR APPROVED EQUAL, AS SHOWN ON BERM DETAIL.

PLACEMENT OF SILT FENCE

STATION	SIDE	LF	STATION	SIDE	LF	STATION	SIDE	LF
10+80.28	RT	14	400+68.40	LT	19	408+11.86	LT	19
11+43.49	RT	13	401+05.84	RT	18	408+33.01	LT	19
11+66.68	RT	13	401+10.44	LT	20	408+99.49	LT	16
12+31.72	RT	14	401+46.73	RT	18	409+38.35	LT	20
12+55.34	LT	8	402+22.09	RT	17	410+11.22	LT	20
13+09.10	LT	8	402+67.24	RT	17	410+50.14	LT	20
14+20.56	LT	8	403+06.36	RT	18	411+23.27	LT	20
14+75.02	LT	8	403+10.14	LT	20	412+05.37	LT	20
15+04.35	RT	13	403+47.94	RT	18	412+33.55 TO 413.28.47	LT	96
15+41.62	RT	13	403+50.08	LT	21	413+44.70 TO 414+30.73	LT	86
16+12.79	LT	9	403+83.05	LT	20	413+97.49	RT	21
16+65.17	LT	8	403+93.40	RT	18	414+46.40 TO 415+32.40	LT	86
17+50.43	RT	13	404+22.51	LT	20	414+46.00	RT	21
18.01.00	RT	10	404+34.03	RT	18	415+59.50	LT	11
19+98.73	RT	12	404+33.13	LT	20	416+63.74	LT	16
20+66.43	RT	10	405+20.36	LT	19	417+17.89	LT	16
28+16.34	RT	13	405+38.30	LT	19	417+63.55	LT	17
28+28.64	LT	18	405+42.57	RT	11	417+74.34	RT	23
28+64.99	RT	14	405+92.96	RT	18	418+28.02	LT	17
28+74.08	LT	18	406+15.27	LT	20	418+28.02	LT	17
28+94.36	RT	14	406+28.44	LT	20	418+31.38	RT	22
29+46.67	RT	14	406+50.68	RT	18	418+58.03	RT	22
29+75.41	LT	32	407+02.00	RT	19	418+70.66	LT	16
29+83.95	RT	14	407+16.91	LT	19	419+04.65	RT	22
30+36.12	RT	14	407+30.49	LT	18	419+39.86	LT	12
30+63.84	LT	20	407+46.08	RT	19			
31+41.22	LT	21	407+95.99	RT	13	TOTAL		1535

L - INDICATES LEFT OF & CONSTRUCTION  
 R - INDICATES RIGHT OF & CONSTRUCTION

SUMMARY OF SODDING							FIELD BOOK REFERENCE
LOCATION	P		F		SY	SY	
	L	W	L	W			
LIVINGSTON ROAD					180		
FULLER ROAD					990		
TOTAL					1170		

PHYSICAL REMOVAL OF TREES

STATION	OFFSET	DIA.	TREE SPECIES	NUMBER OF TREE DEBITS
30+14.55	23 L	28"	WATER OAK	10
400+71.60	21 L	29"	SLASH PINE	10
405+80.86	25 L	19"	LAUREL OAK	8
410+60.00	26 L	21"	LAUREL OAK	8
410+85.99	25 L	20"	WATER OAK	8
417+86.00	22 R	20"	WATER OAK	8
417+89.96	23 R	19"	LAUREL OAK	8
418+70.18	23 R	22"	WATER OAK	8
TOTAL				68


L - INDICATES LEFT OF & CONSTRUCTION  
 R - INDICATES RIGHT OF & CONSTRUCTION

TECHNICAL REMOVAL OF TREES

STATION	OFFSET	DIA.	TREE SPECIES	NUMBER OF TREE DEBITS
31+52.86	26 L	28"	SLASH PINE	10
402+57.77	23 R	22"	WATER OAK	8
403+94.52	28 L	31"	SLASH PINE	16
412+16.88	27 L	19"	WATER OAK	8
412+79.08	29 L	27"	HACKBERRY	10
413+93.41	27 L	21"	HACKBERRY	8
418+68.53	28 L	27"	HACKBERRY	10
418+73.46	32 R	18"	CEDAR	6
418+91.05	27 R	19"	CEDAR	8
417+77.23	22 R	18"	WATEROAK	6
418+22.77	23 R	28"	WATEROAK	10
TOTAL				100

L - INDICATES LEFT OF & CONSTRUCTION  
 R - INDICATES RIGHT OF & CONSTRUCTION

NOTE:  
 1. TREE CREDIT/DEBIT REQUIREMENTS ARE FOUND IN THE LEON COUNTY CODE OF ORDINANCES SEC. 10-4-364

DATE	BY	DESCRIPTION	DRAWN BY	INITIAL	ENGINEER OF RECORD:	 REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4581 - FAX: (850) 224-0585 PROJECT NUMBER: 1007C
			CHECKED BY	C.M.C.	DANIELLE MARRERO, P.E.	
			DESIGN BY	D.E.M.		
			CHECKED BY	J.R.		
			DATE	7/06/11		

SUMMARY OF QUANTITIES	SHEET NO.
PROJECT NAME: LAKESIDE DRIVE CULVERT REPLACEMENTS	3

SUMMARY OF PIPES, MITERED END SECTION, U-TYPE AND CONCRETE ENDWALLS

LOCATION - FULLER ROAD				PIPE LENGTH (LF)				END TREATMENT (QUANTITY)				REMARKS
STA.	TO STA.	SIDE		15" R.C.P.	18" R.C.P.	15" M.E.S.	18" M.E.S.	15" U-TYPE	18" U-TYPE	18" CONC.		
400+74.56	TO 401+04.56	LT		32		2						
401+12.12	TO 401+41.12	RT		32		2						
402+26.83	TO 402+61.84	RT			32		2					
403+11.43	TO 403+41.43	RT			32		2					
403+16.02	TO 403+44.02	LT		24		2						
403+90.42	TO 404+19.42	LT		24		2						
403+99.48	TO 404+28.48	RT					2					
404+39.16	TO 405+13.26	LT		72				2				
405+45.13	TO 406+10.13	LT		64		2						
405+49.95	TO 405+84.95	RT							2			
406+33.88	TO 407+11.88	LT		80		2						
406+58.81	TO 406+94.81	RT			32					2		
407+35.83	TO 408+05.83	LT		64				2				
407+94.06	TO 407+89.06	RT		48					2			
408+38.99	TO 408+91.99	LT			56							
409+44.65	TO 410+04.65	LT					2					
410+54.63	TO 411+6.63	LT					2					
412+11.35	TO 412+42.33	LT		24				2				
413+22.83	TO 413+50.75	LT							2			
414+02.87	TO 414+38.90	RT			32							
414+23.97	TO 414+51.93	LT		24		2						
415+25.24	TO 415+53.22	LT		24		2						
416+22.61	TO 416+57.51	LT			32							
417+23.63	TO 417+57.63	LT			32							
417+81.26	TO 418+23.26	RT					32			2		
418+33.66	TO 418+64.99	LT		48		2						
418+65.31	TO 418+98.30	RT			24							
419+34.84	TO 419+37.28	LT			48		1				1	

SUMMARY OF PIPES, MITERED END SECTION, U-TYPE AND CONCRETE ENDWALLS

LOCATION - LIVINGSTON ROAD				PIPE LENGTH (LF)				END TREATMENT (QUANTITY)				REMARKS
STA.	TO STA.	SIDE		15" R.C.P.	18" R.C.P.	15" M.E.S.	18" M.E.S.	15" U-TYPE	18" U-TYPE	18" CONC.		
10+84.51	TO 11+38.51	RT		56		2						
11+70.30	TO 12+25.31	RT					2					
12+61.15	TO 13+02.15	LT			32				2			
14+25.46	TO 14+66.46	LT			32				2			
15+08.31	TO 15+42.31	RT			32		2					
16+18.46	TO 16+58.46	LT			32				2			
17+55.75	TO 17+93.74	RT			32				2			
20+04.87	TO 20+59.87	RT			48				2			
28+21.30	TO 28+59.29	RT			32		2					
28+18.90	TO 428+66.91	LT			24				2			
29+01.28	TO 29+38.29	RT			32				2			
29+81.99	TO 30+55.99	LT			72				2			
29+90.31	TO 30+27.34	RT			32				2			

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION		
LIVINGSTON ROAD	40	
FULLER ROAD	80	
TOTAL EXCAVATION	120	
EMBANKMENT		
LIVINGSTON ROAD	23	
FULLER ROAD	122	
TOTAL EMBANKMENT	145	

- NOTES:
1. EARTHWORK SHOWN ARE IN-PLACE VOLUMES. NO INCREASE OF DECREASE FOR CLEARING AND GRUBBING. NO SHRINKAGE OR SWELLING ADJUSTMENTS HAVE BEEN MADE.
  2. ALL ASSOCIATED COSTS OF DEMATERING AND FILTERING SHALL BE INCLUDED INTO THE REGULAR EXCAVATION COST.


SUMMARY OF QUANTITIES

PROJECT NAME: LAKESIDE DRIVE  
CULVERT REPLACEMENTS

SHEET NO. 4

DATE	BY	DESCRIPTION

REVISIONS	INITIAL	ENGINEER OF RECORD:
		DANIELLE MARRERO, P.E. #69450

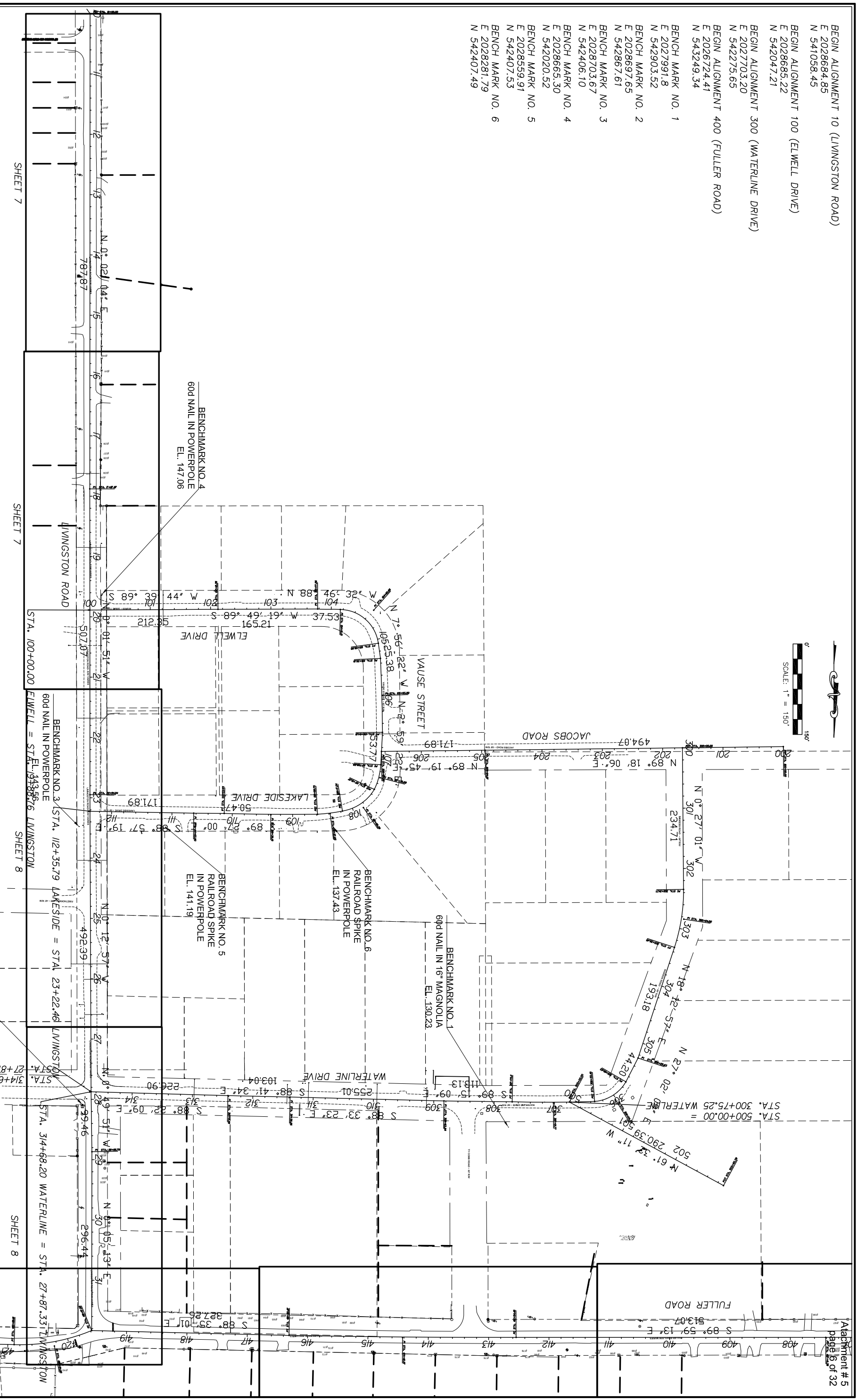


REGISTE, SLIGER ENGINEERING, INC.  
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
CERT. OF AUTHORIZATION # 9292 FL 32303  
1427 N. Bronough Street - Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505  
PROJECT NUMBER: 1007C



LEON COUNTY DEPARTMENT OF PUBLIC WORKS  
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
PHONE (850) 606-1500 \* FAX (850) 488-1260

- BEGIN ALIGNMENT 10 (LIVINGSTON ROAD)
- E 2026684.85
- N 541058.45
- BEGIN ALIGNMENT 100 (ELWELL DRIVE)
- E 2026685.22
- N 542047.21
- BEGIN ALIGNMENT 300 (WATERLINE DRIVE)
- E 2027703.20
- N 542275.65
- BEGIN ALIGNMENT 400 (FULLER ROAD)
- E 2026724.41
- N 543249.34
- BENCH MARK NO. 1
- E 2027991.8
- N 542903.52
- BENCH MARK NO. 2
- E 2028697.65
- N 542867.61
- BENCH MARK NO. 3
- E 2028703.67
- N 542406.10
- BENCH MARK NO. 4
- E 2028665.30
- N 542020.52
- BENCH MARK NO. 5
- E 2028559.91
- N 542407.53
- BENCH MARK NO. 6
- E 2028281.79
- N 542407.49



DATE	BY	DESCRIPTION	INITIAL	ENGINEER OF RECORD
		DRAWN BY	B.A.W.	DANIELLE MARRERO, P.E. P.E. #96450
		CHECKED BY	C.M.C.	
		DESIGN BY	D.E.M.	
		CHECKED BY	J.R.	
		DATE	7/06/11	

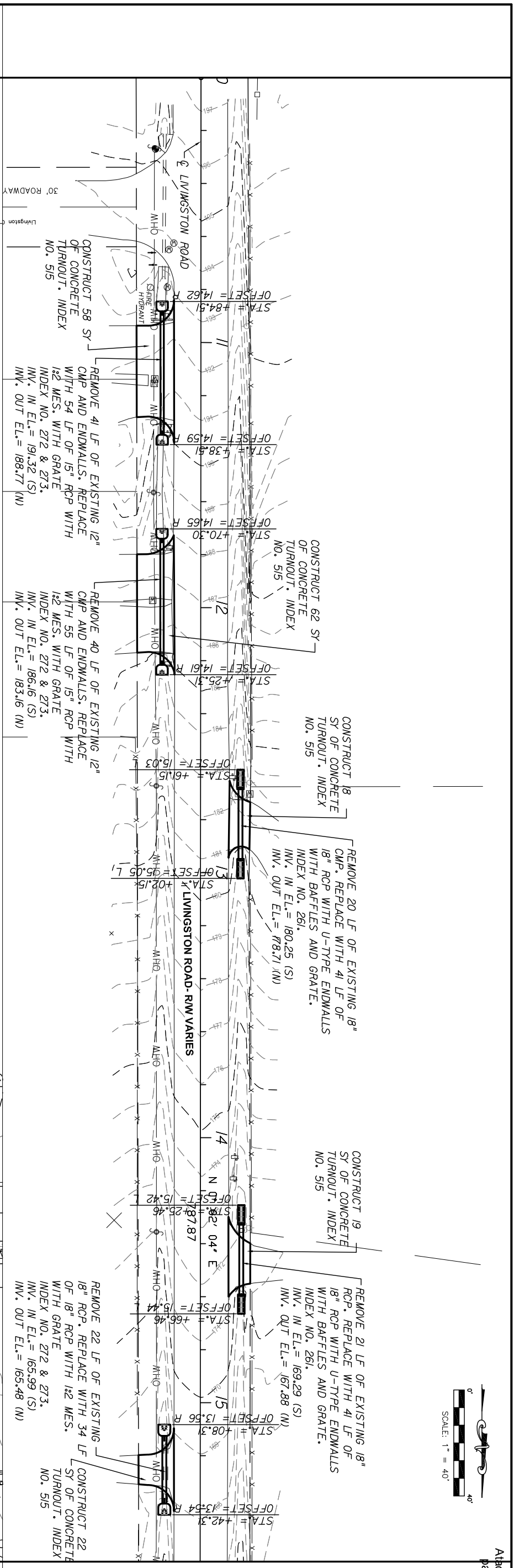
  

REGISTE, SLIGER ENGINEERING, INC.	LEON COUNTY DEPARTMENT OF PUBLIC WORKS
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT	2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308
CERT. OF AUTHORIZATION # 9292 FL 32303	PHONE (850) 608-1500 * FAX (850) 488-1260
1427 N. Bronough Street - Tallahassee, FL 32303	
PHONE: (850) 894-4581 - FAX: (850) 264-0585	
PROJECT NUMBER: 1007C	

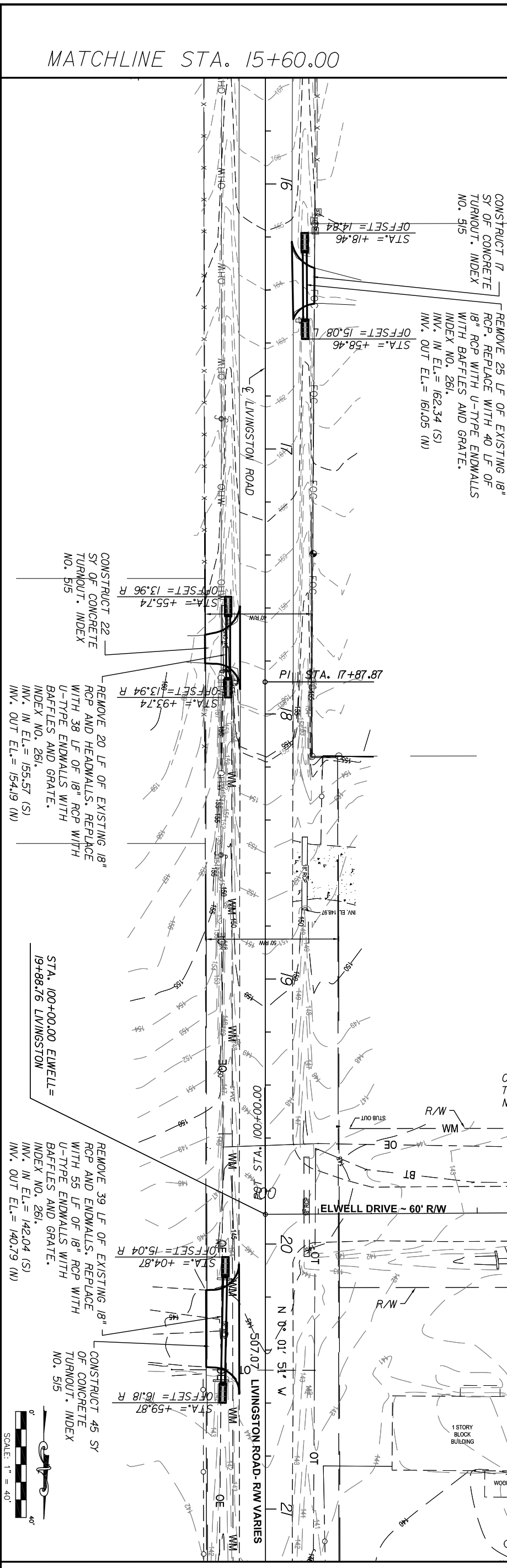
PROJECT NAME: LAKESIDE DRIVE	SHEET NO. 5
CULVERT REPLACEMENTS	





MATCHLINE STA. 15+60.00

MATCHLINE STA. 15+60.00



MATCHLINE STA. 21+20.00

DATE	BR	DESCRIPTION	INITIAL	ENGINEER OF RECORD:
				DANIELLE MARRERO, P.E.
DATE	BY	DESCRIPTION	INITIAL	
7/26/11	JLR	CHECKED BY		
		DESIGN BY		
		C.M.C.		
		D.E.M.		
		DRAWN BY		
		B.A.W.		



**REGISTE, SLIGER ENGINEERING, INC.**  
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
CERT. OF AUTHORIZATION # 9292 FL 32303  
1427 N. Bronough Street - Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505  
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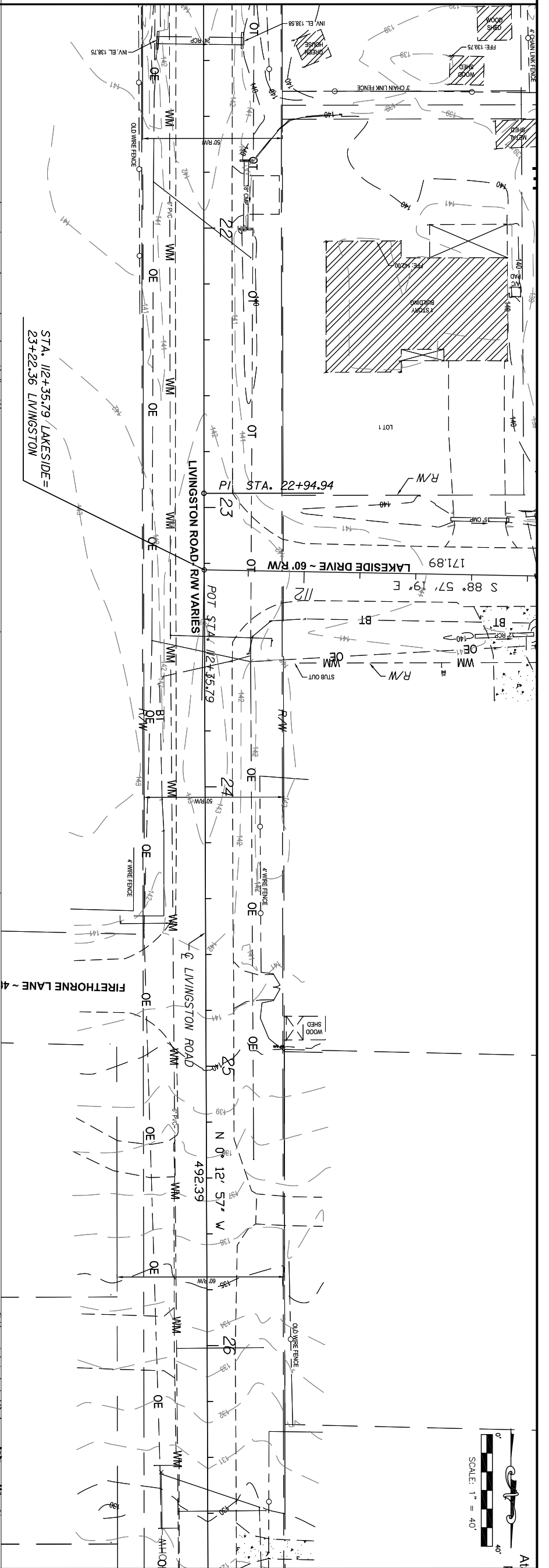
**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
PHONE (850) 608-1500 \* FAX (850) 488-1260

**PLAN VIEW**  
PROJECT NAME: **LAKESIDE DRIVE CULVERT REPLACEMENTS**

SHEET NO. **7**

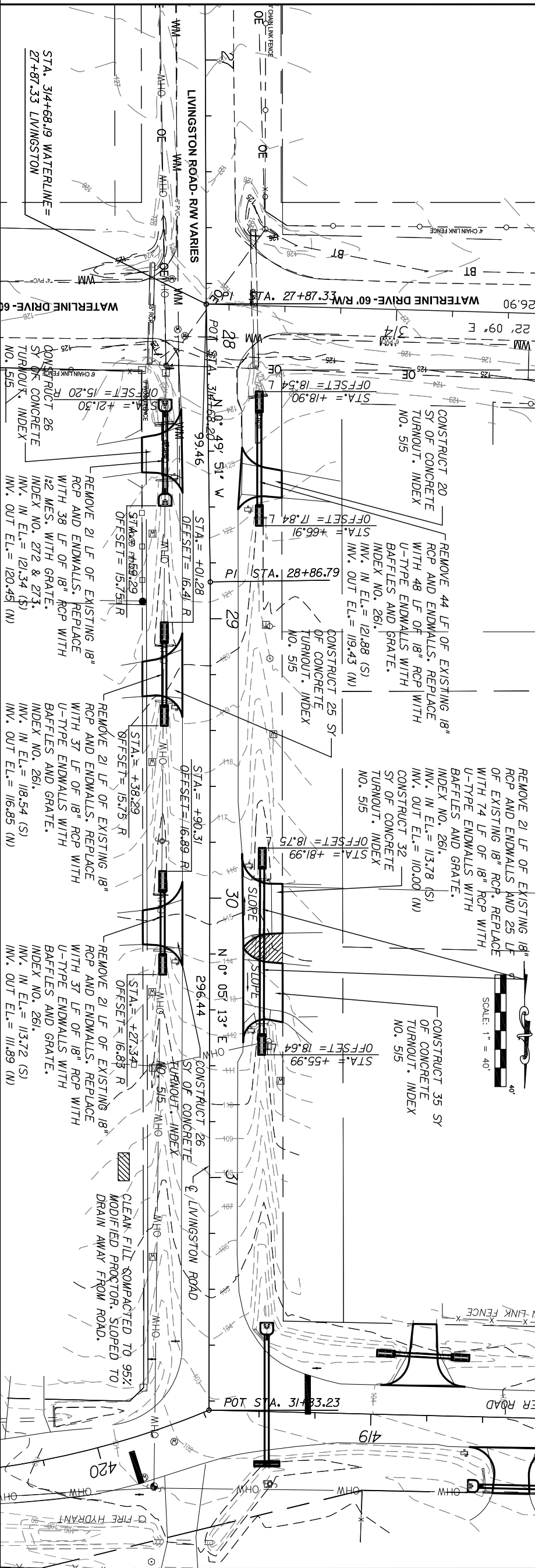



MATCHLINE STA. 21+20.00



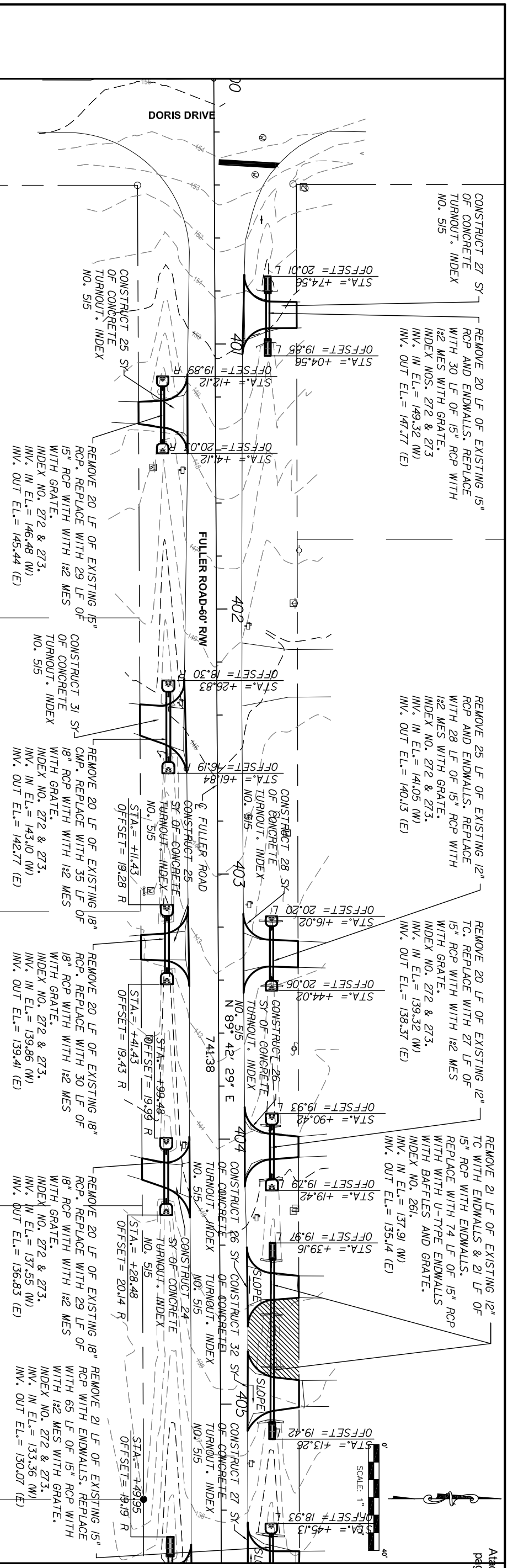
MATCHLINE STA. 26+80.00

MATCHLINE STA. 26+80.00

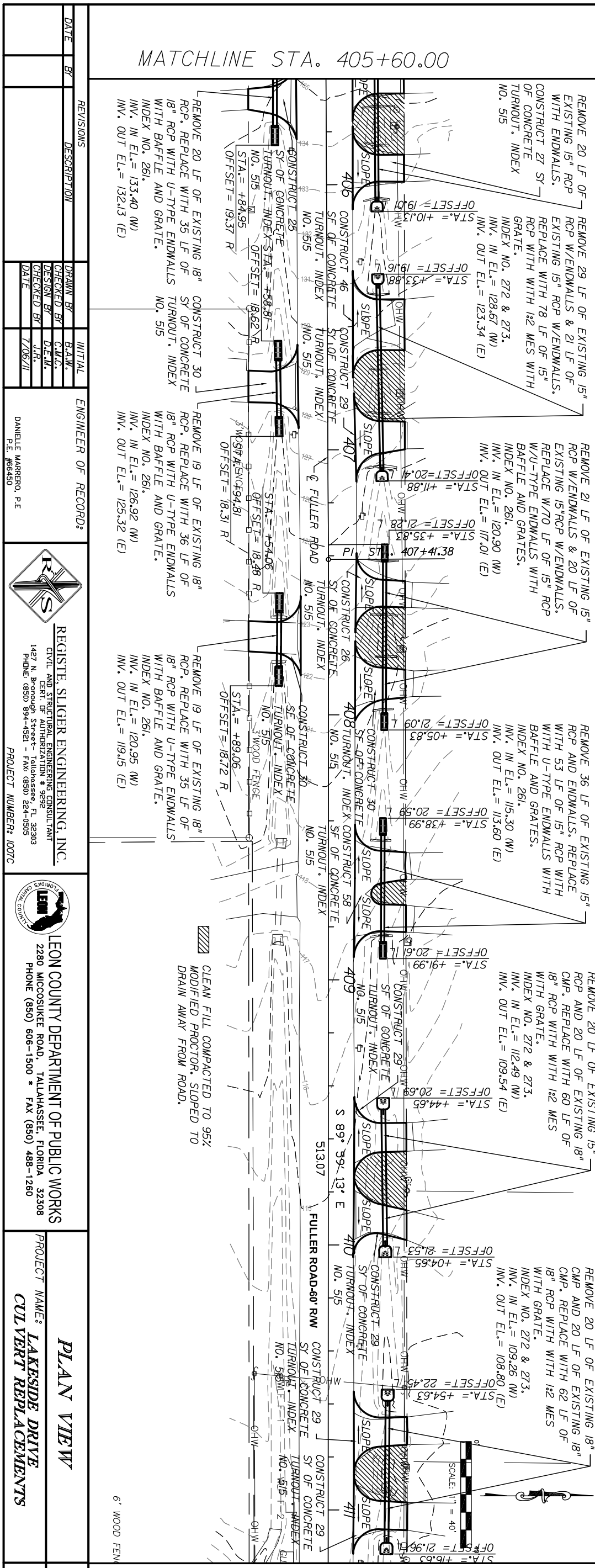


DATE	BT	DESCRIPTION	INITIAL	ENGINEER OF RECORD:
				DANIELLE MARRERO, P.E.
DRAWN BY	B.A.W.	CHECKED BY	C.M.C.	 <p>REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. Broward Street - Tallahassee, FL 32303 PHONE: (850) 934-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1007C</p>
DESIGN BY	D.E.M.	DESIGNED BY	D.E.M.	
CHECKED BY	J.R.	CHECKED BY	J.R.	
DATE	7/26/11	DATE	7/26/11	
<b>PLAN VIEW</b>				
PROJECT NAME: <b>LAKESIDE DRIVE CULVERT REPLACEMENTS</b>				
<b>8</b>				





MATCHLINE STA. 405+60.00



MATCHLINE STA. 411+20.00

DATE	BR	DESCRIPTION	DRAWN BY	INITIAL	ENGINEER OF RECORD
			B.A.W.		DANIELLE MARRERO, P.E.
CHECKED BY	C.M.C.	DESIGN BY	D.E.M.		
CHECKED BY	J.R.	DATE	7/26/11		

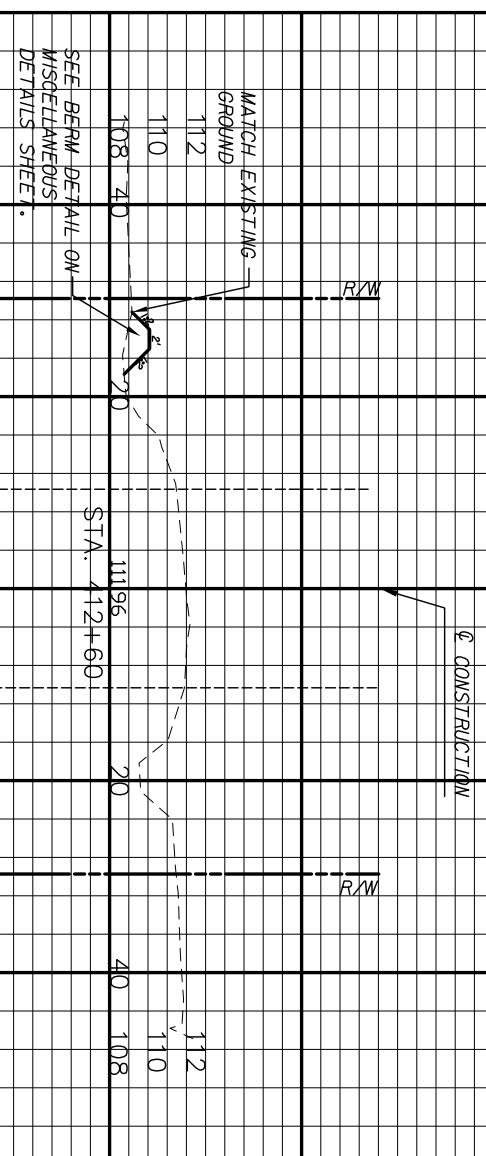
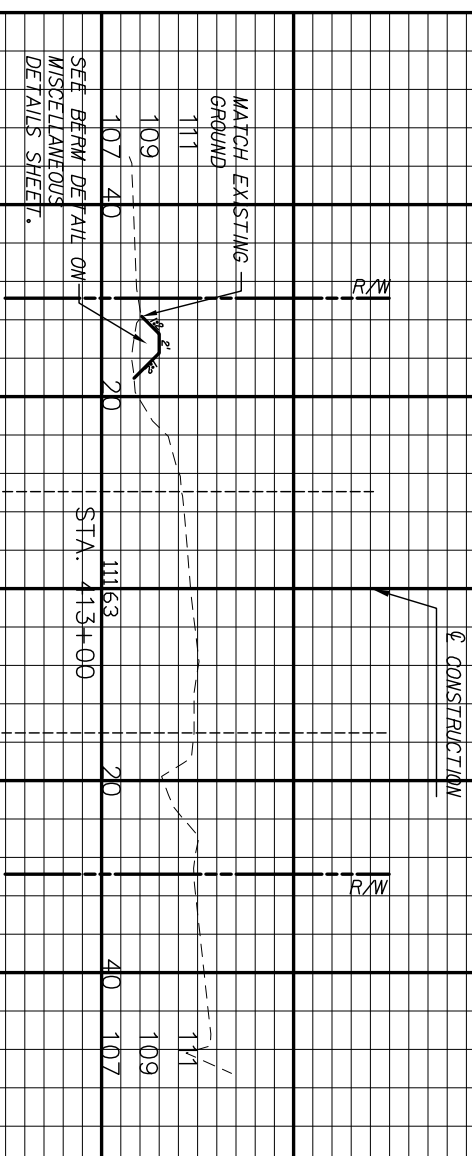
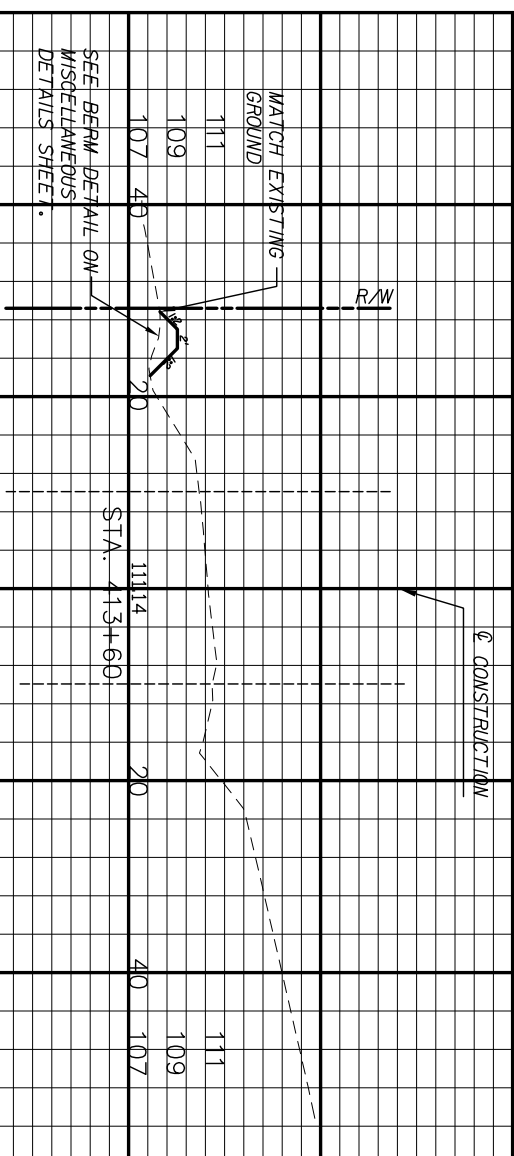
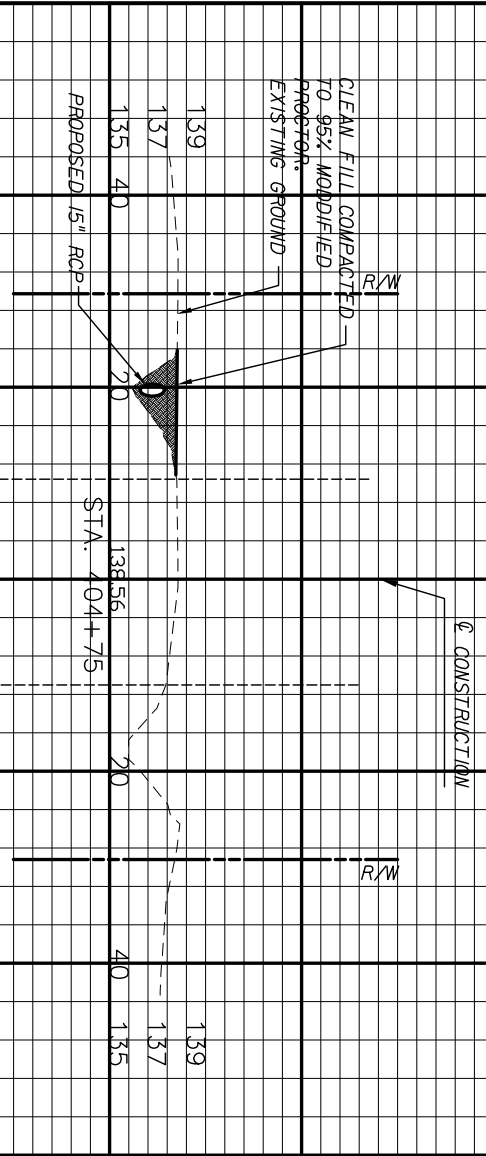
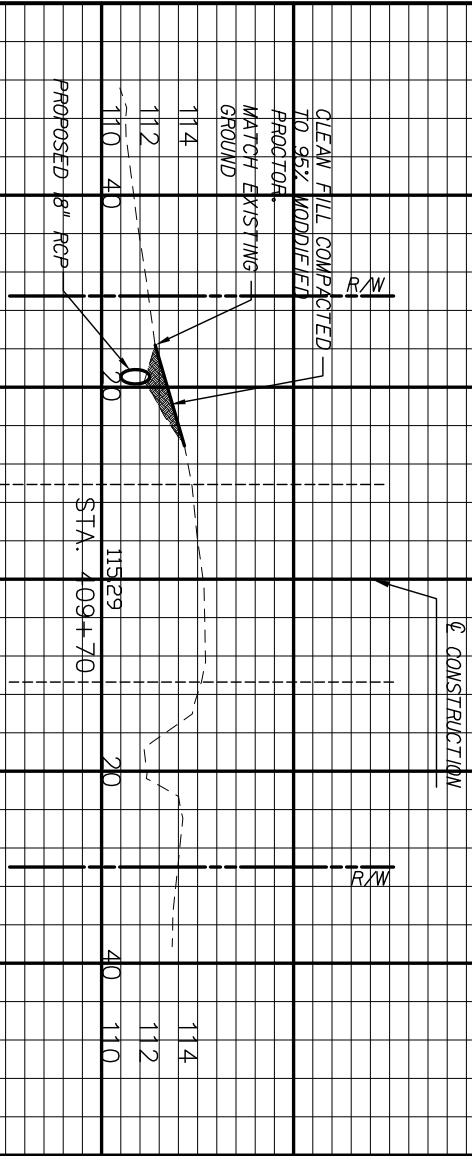
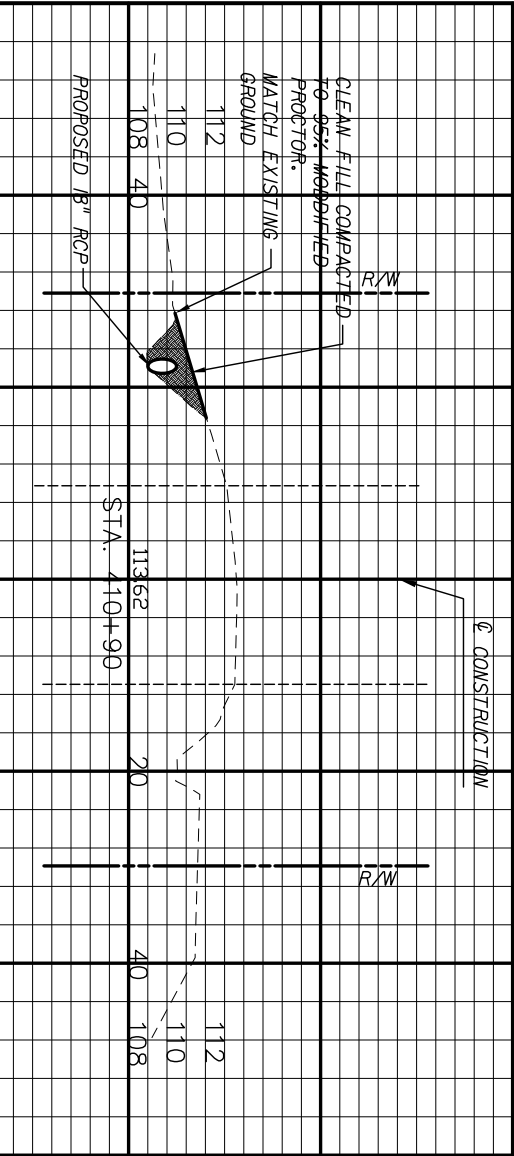
**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 824-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MICCOSUETEE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

PROJECT NAME: **LAKESIDE DRIVE  
 CULVERT REPLACEMENTS**

SHEET NO. **9**



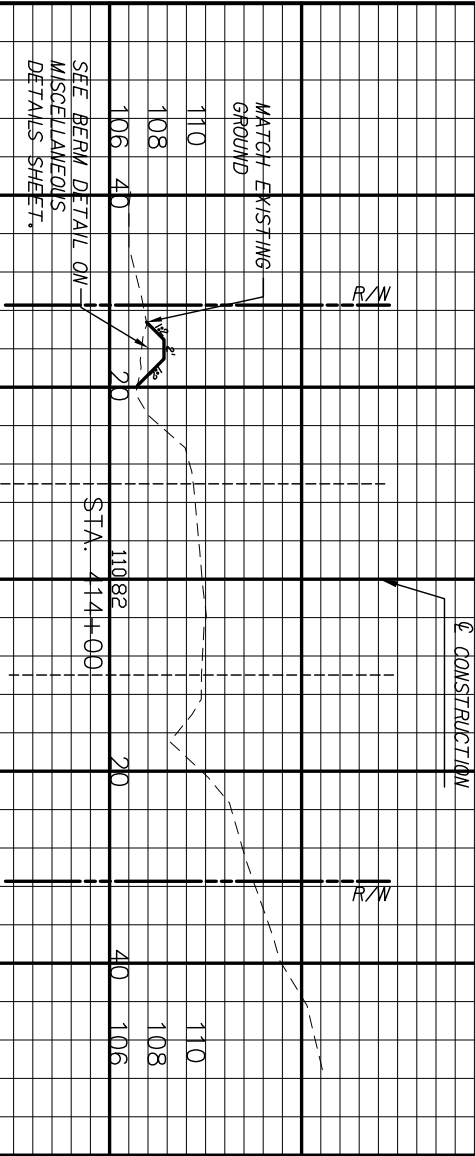
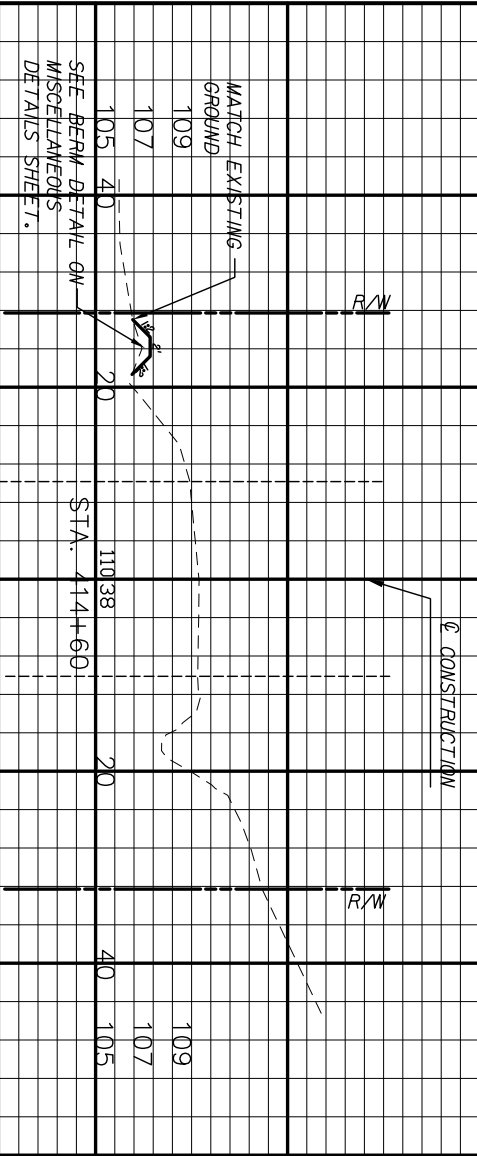
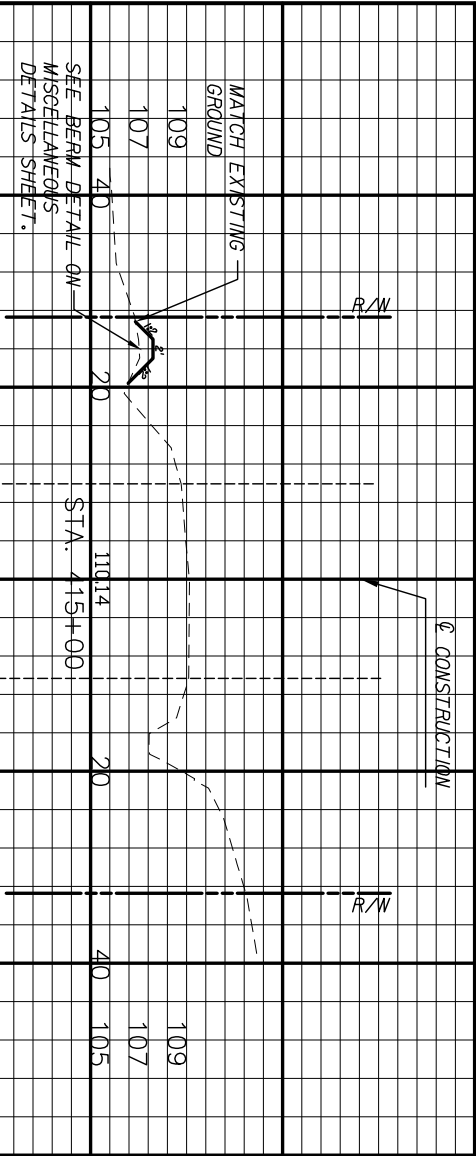


DATE	BY	DESCRIPTION	DRAWN BY	INITIAL	ENGINEER OF RECORD:
					DANIELLE MARRERO, P.E.

**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Brough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MCCOSKIE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

<b>DITCH CROSS SECTIONS</b>	<b>SHEET NO.</b>
PROJECT NAME: <b>LAKESIDE DRIVE CULVERT REPLACEMENTS</b>	<b>11</b>



REVISIONS		ENGINEER OF RECORD:	
DATE	DESCRIPTION	INITIAL	
BY			

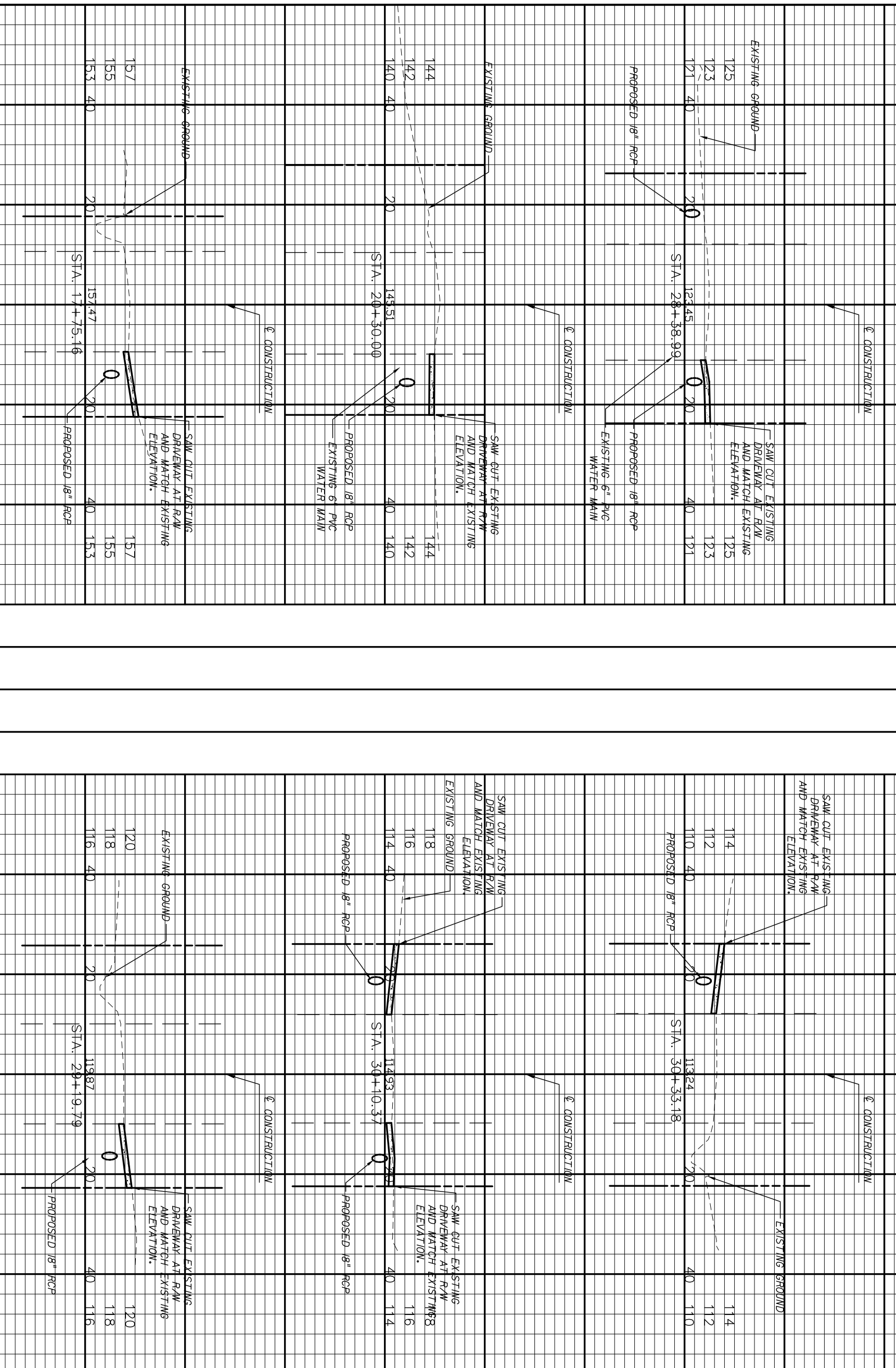
**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

**DITCH CROSS SECTIONS**  
 PROJECT NAME: **LAKESIDE DRIVE**  
**CULVERT REPLACEMENTS**

SHEET NO. **12**





DATE	BY	DESCRIPTION
REVISIONS		

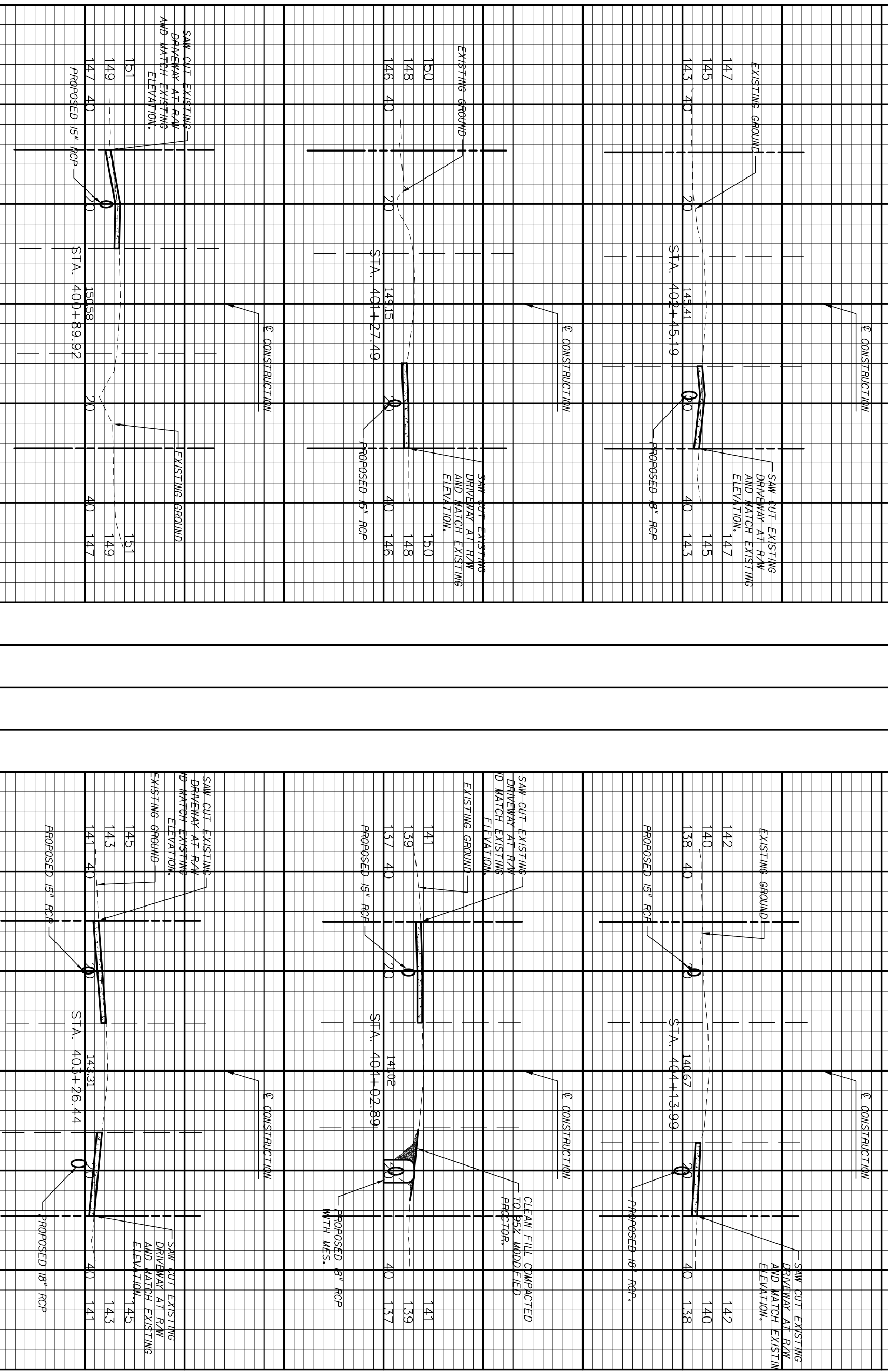
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C.M.C.		DANIELLE MARRERO, P.E.
DESIGN BY	D.E.M.	
CHECKED BY	J.R.	
DATE	7/16/11	

**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

**DRIVEWAY PROFILE**  
 PROJECT NAME: **LAKESIDE DRIVE**  
**CULVERT REPLACEMENTS**

SHEET NO. **14**



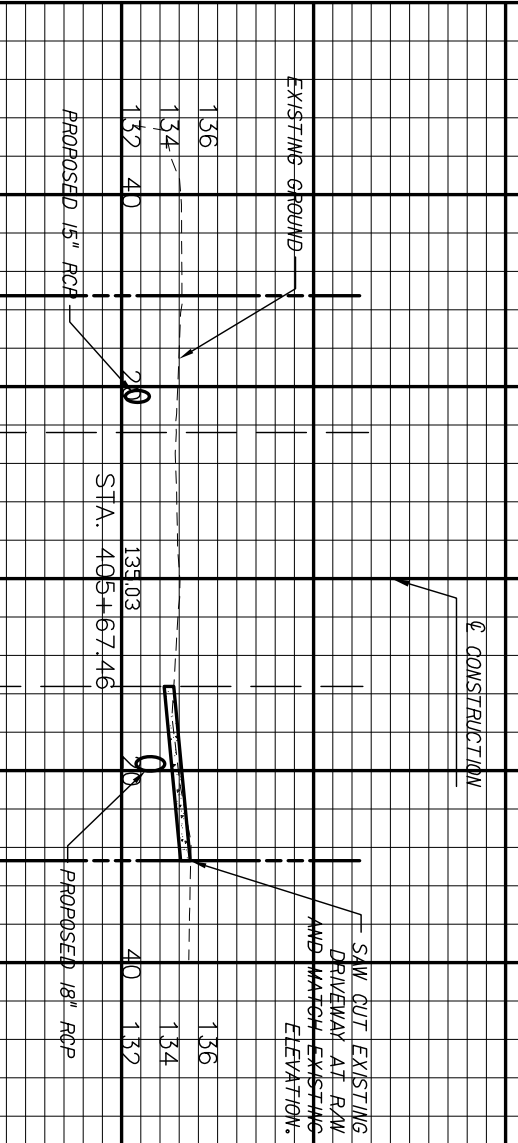
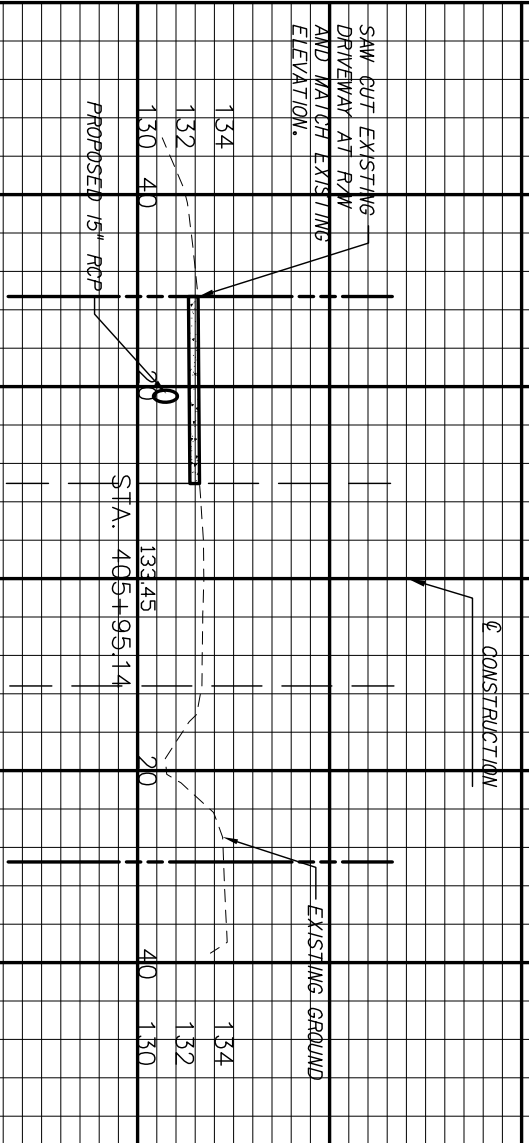
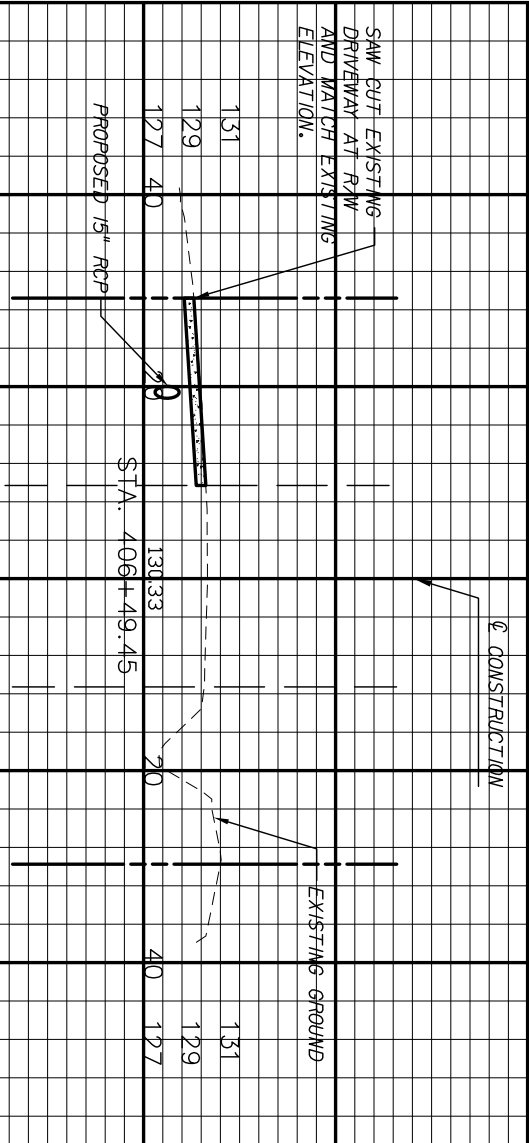
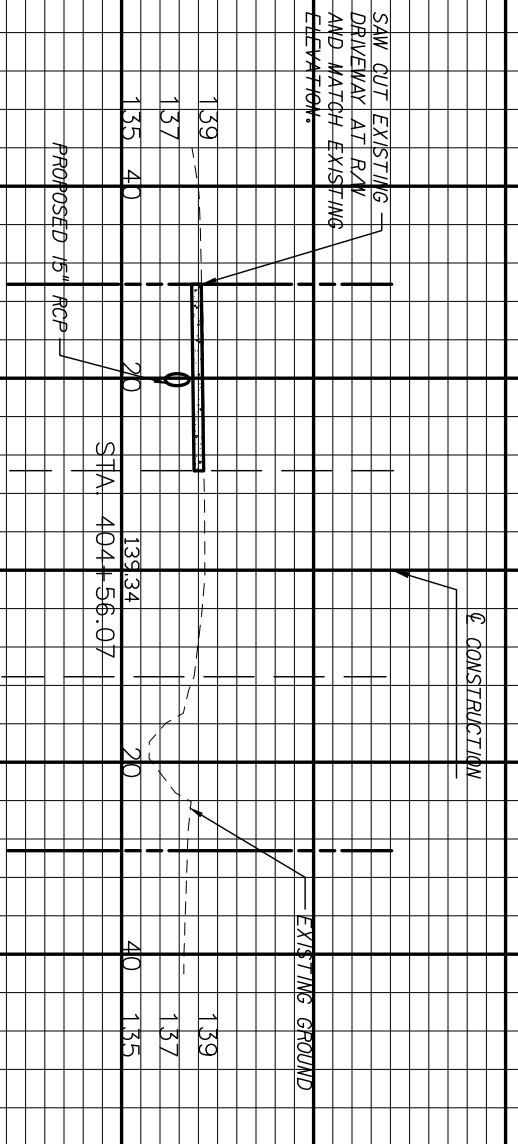
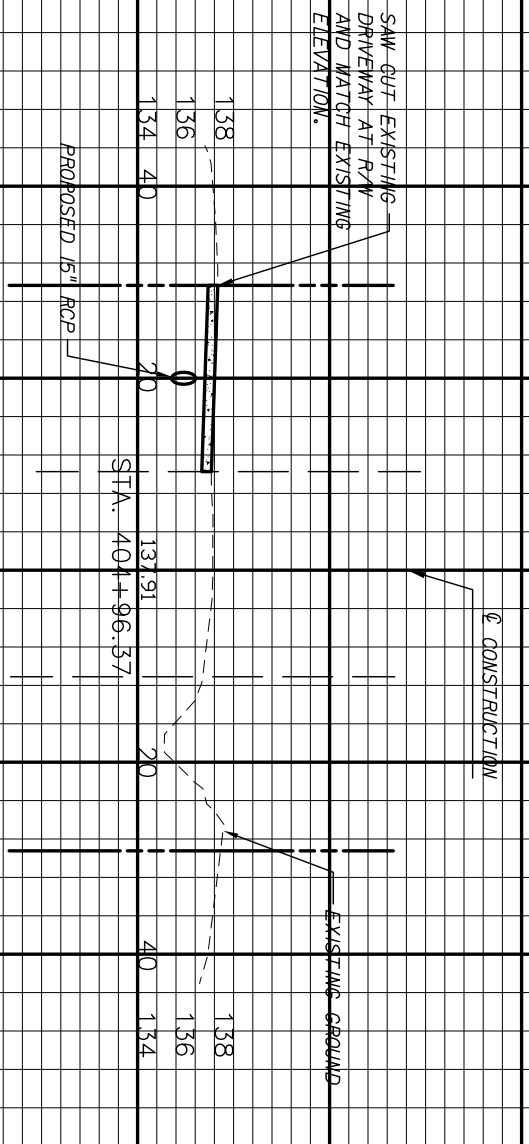
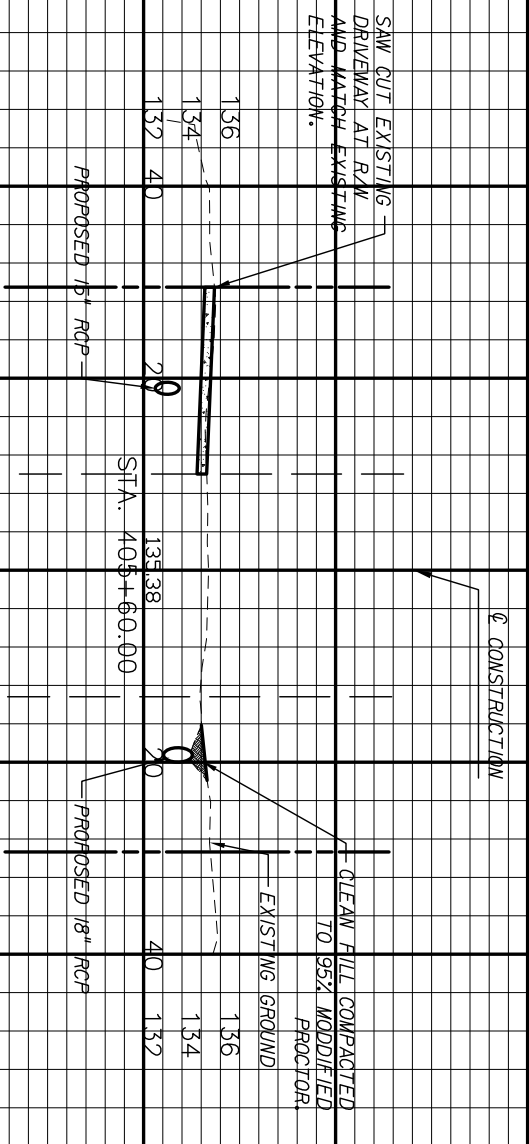
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					DANIELLE MARRERO, P.E.

**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

PROJECT NAME:	<b>DRIVEWAY PROFILE</b>	SHEET NO.
	<b>LAKESIDE DRIVE</b>	
	<b>CULVERT REPLACEMENTS</b>	<b>15</b>





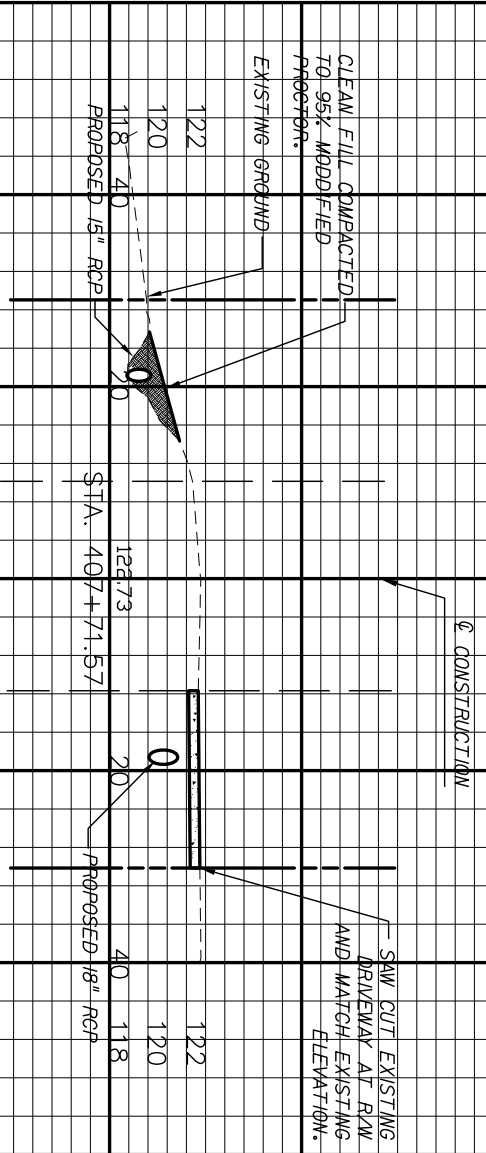
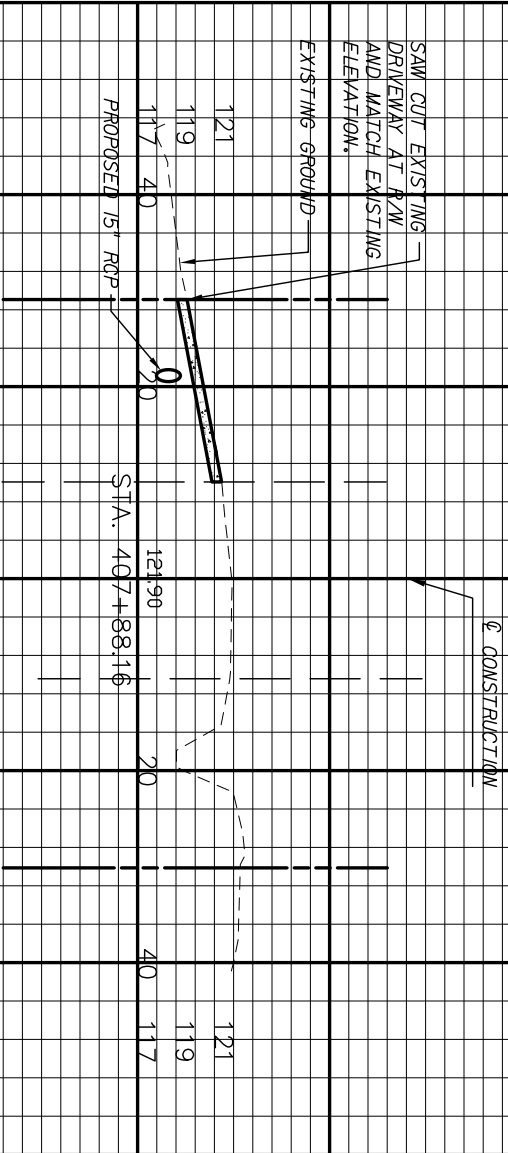
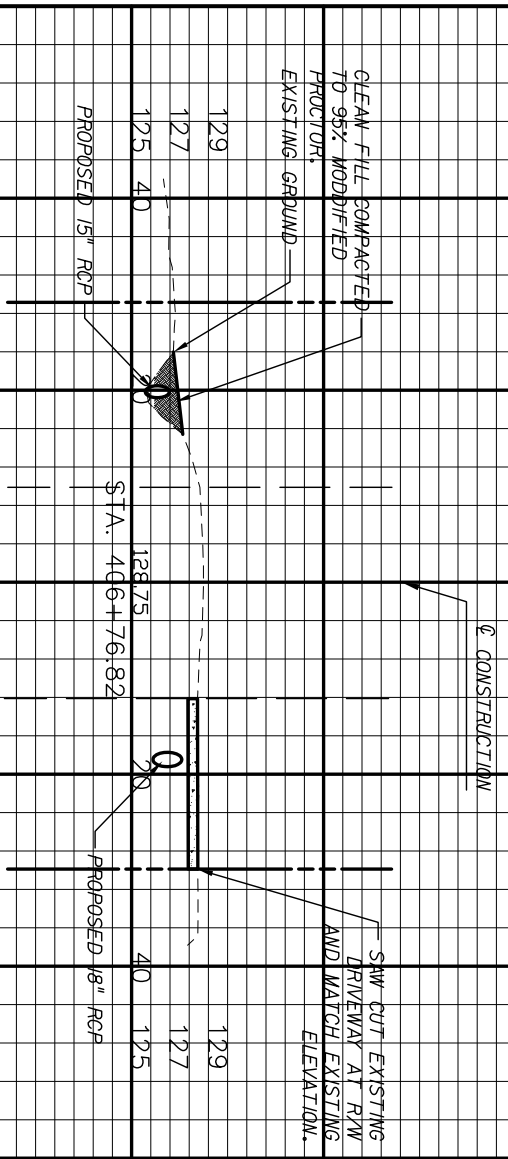
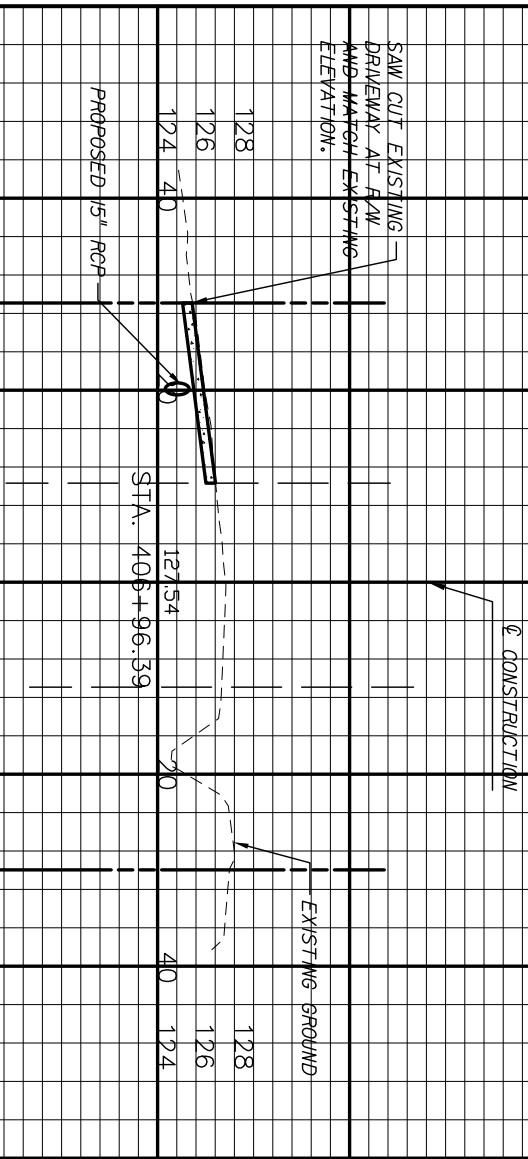
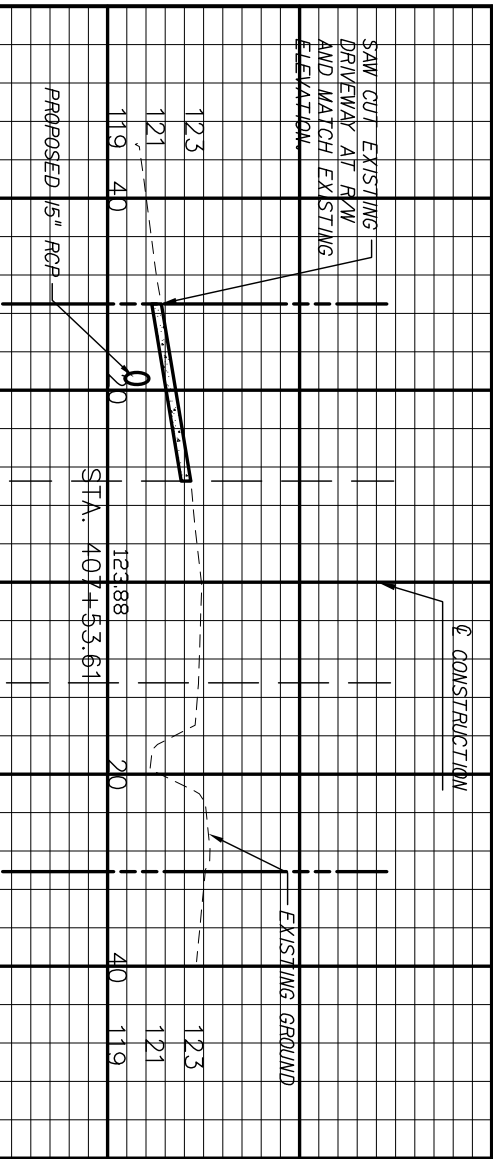
REVISIONS		ENGINEER OF RECORD:	
DATE	DESCRIPTION	INITIAL	
BY		B.A.W.	

**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

**DRIVEWAY PROFILE**  
 PROJECT NAME: **LAKESIDE DRIVE**  
**CULVERT REPLACEMENTS**

SHEET NO. **16**



REVISIONS	
DATE	DESCRIPTION

DATE	BY	DESCRIPTION

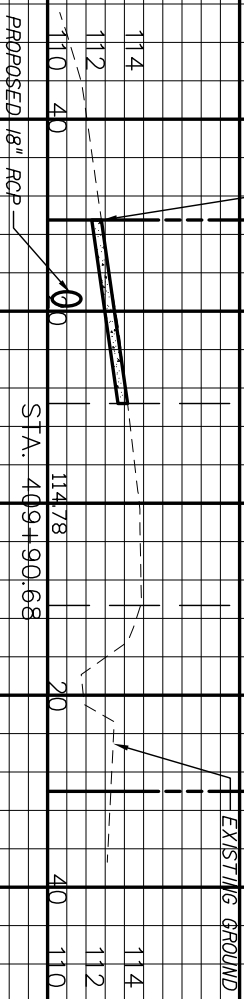
ENGINEER OF RECORD:  
DANIELLE MARRERO, P.E.  
P.E. #66450

REGISTE, SLIGER ENGINEERING, INC.  
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
CERT. OF AUTHORIZATION # 9292  
1427 N. Bronough Street - Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505  
PROJECT NUMBER: 1007C

LEON COUNTY DEPARTMENT OF PUBLIC WORKS  
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
PHONE (850) 606-1500 \* FAX (850) 488-1260

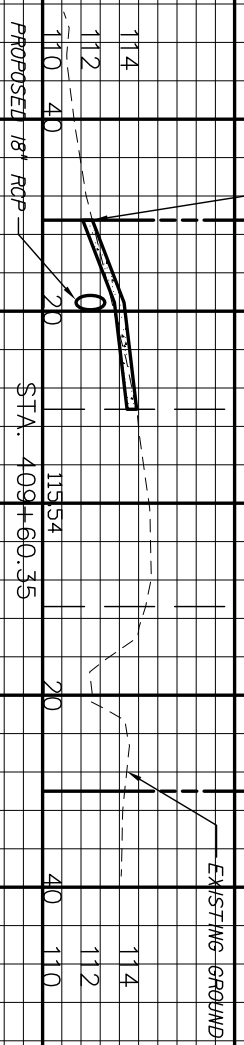
DRIVEWAY PROFILE  
LAKESIDE DRIVE  
CULVERT REPLACEMENTS  
SHEET NO. 17

SAW CUT EXISTING  
DRIVEWAY AT R/W  
AND MATCH EXISTING  
ELEVATION.



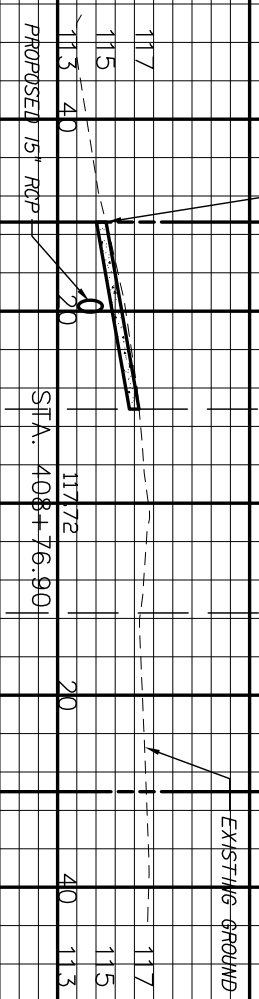
∅ CONSTRUCTION

SAW CUT EXISTING  
DRIVEWAY AT R/W  
AND MATCH EXISTING  
ELEVATION.



∅ CONSTRUCTION

SAW CUT EXISTING  
DRIVEWAY AT R/W  
AND MATCH EXISTING  
ELEVATION.

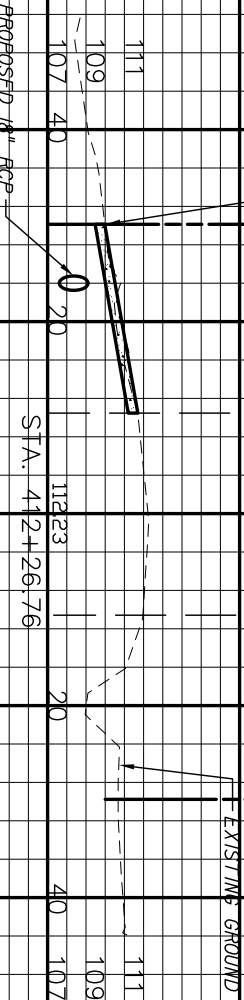


EXISTING GROUND

REVISIONS		ENGINEER OF RECORD:
DATE	DESCRIPTION	DANIELLE MARRERO, P.E.
BY	INITIAL	
	DATE	

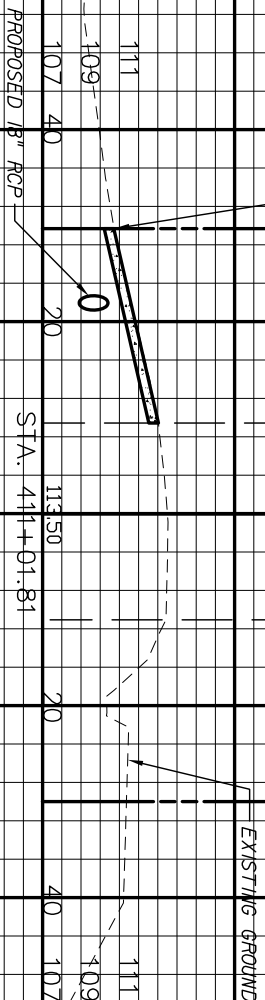
**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

SAW CUT EXISTING  
DRIVEWAY AT R/W  
AND MATCH EXISTING  
ELEVATION.



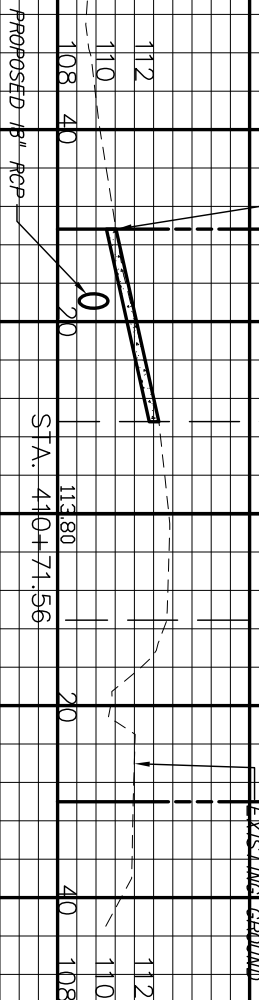
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SAW CUT EXISTING  
DRIVEWAY AT R/W  
AND MATCH EXISTING  
ELEVATION.



∅ CONSTRUCTION

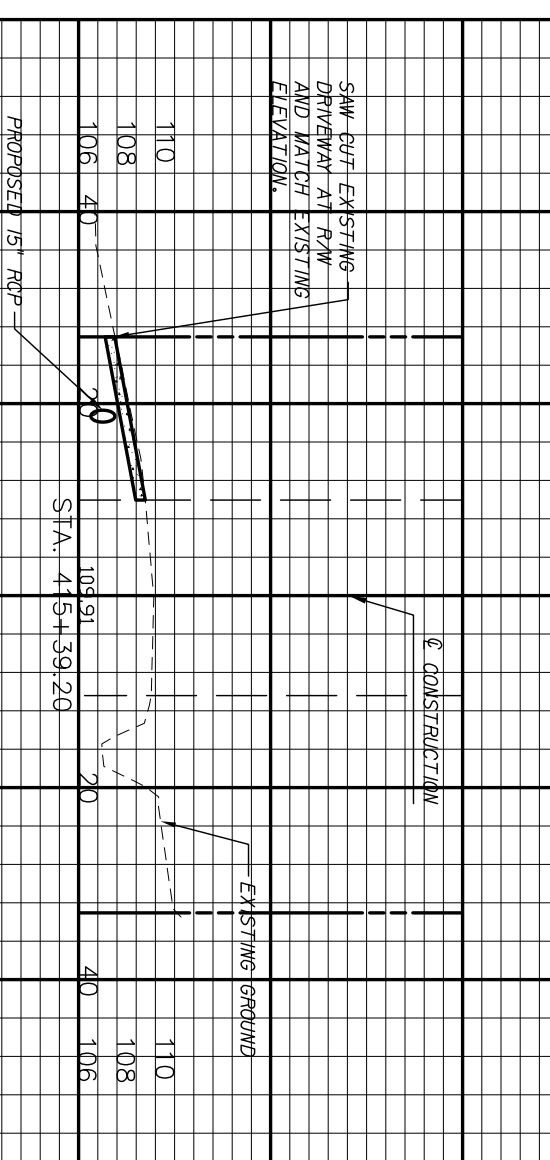
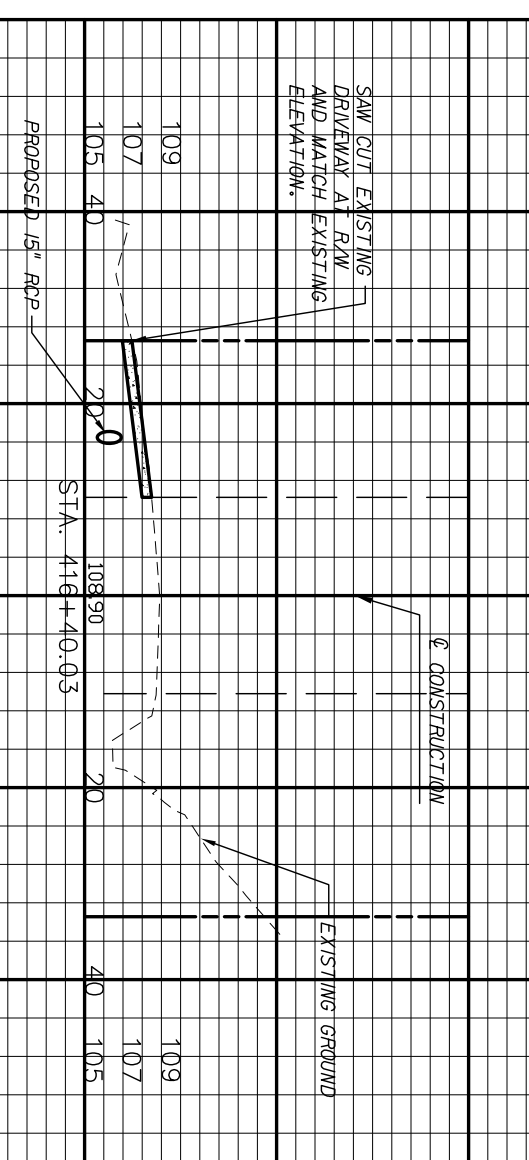
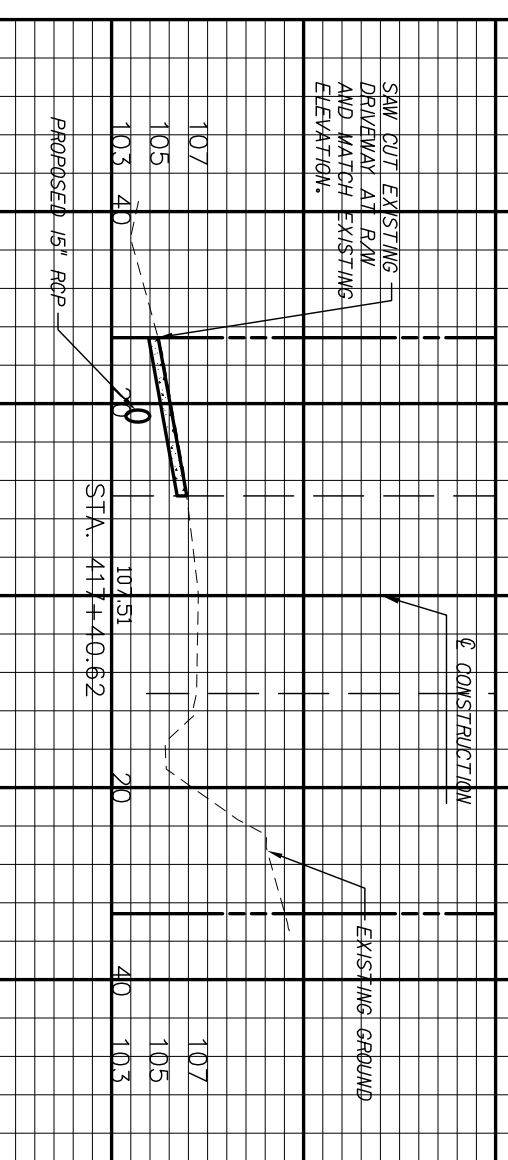
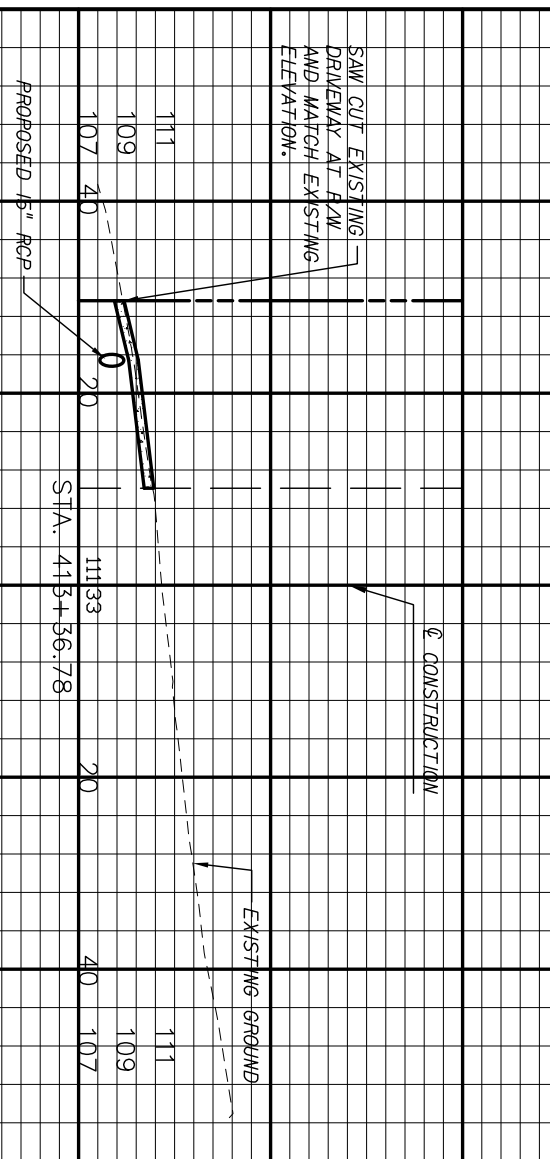
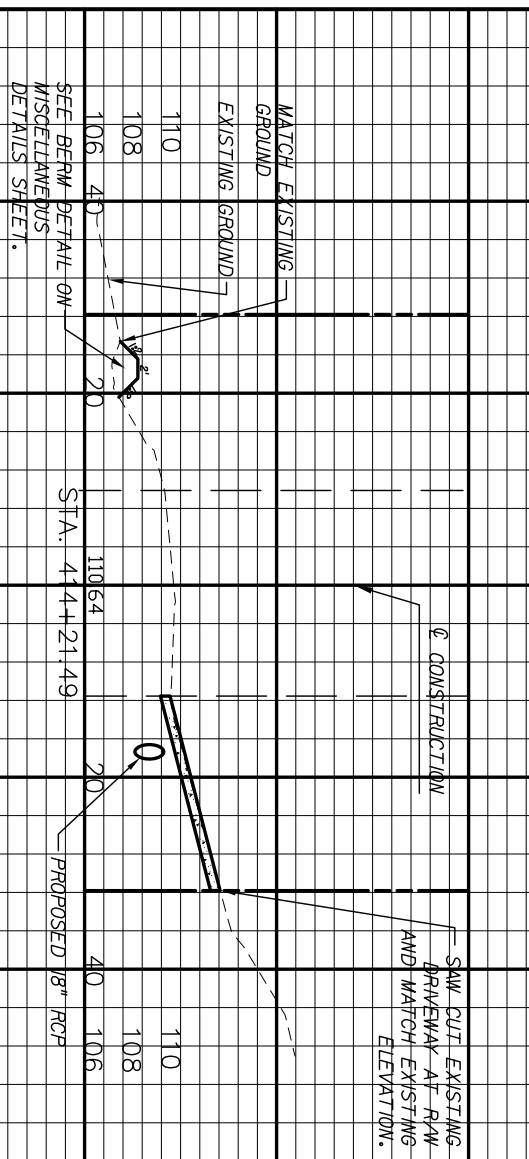
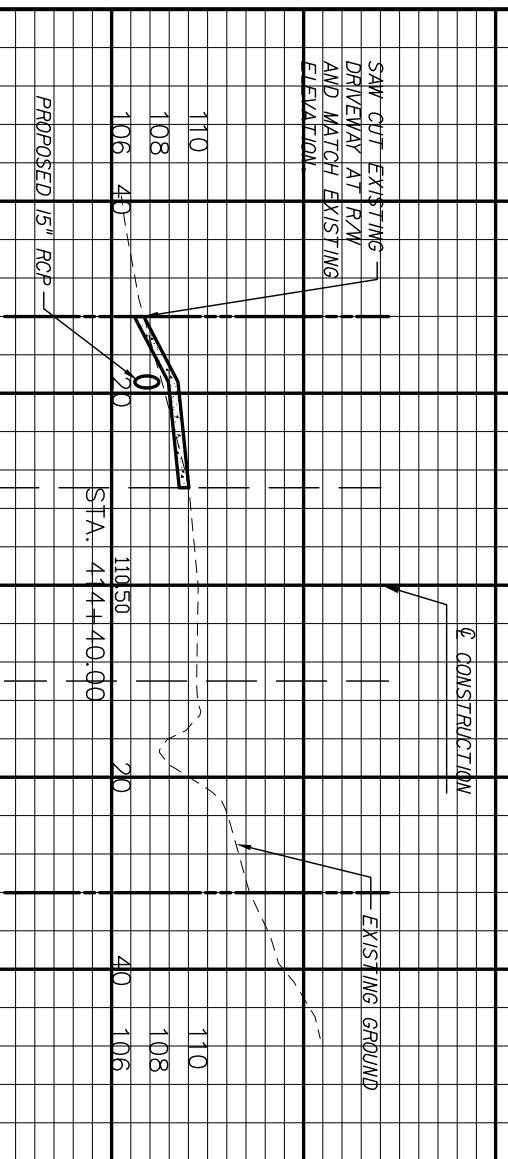
SAW CUT EXISTING  
DRIVEWAY AT R/W  
AND MATCH EXISTING  
ELEVATION.



EXISTING GROUND

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

**DRIVEWAY PROFILE**  
 PROJECT NAME: LAKESIDE DRIVE  
 CULVERT REPLACEMENTS  
 SHEET NO. 18



REVISIONS		ENGINEER OF RECORD:	
DATE	DESCRIPTION	INITIAL	
BY			

**REGISTE, SLIGER ENGINEERING, INC.**  
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
 CERT. OF AUTHORIZATION # 9292  
 1427 N. Bronough Street - Tallahassee, FL 32303  
 PHONE: (850) 894-4521 - FAX: (850) 224-0505  
 PROJECT NUMBER: 1007C

**LEON COUNTY DEPARTMENT OF PUBLIC WORKS**  
 2280 MCCOSKUE ROAD, TALLAHASSEE, FLORIDA 32308  
 PHONE (850) 606-1500 \* FAX (850) 488-1260

**DRIVEWAY PROFILE**  
 PROJECT NAME: **LAKESIDE DRIVE**  
**CULVERT REPLACEMENTS**

SHEET NO. **19**



1. CONTROLS

1.1. STABILIZATION PRACTICES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR MINIMIZING EROSION POTENTIAL BY PROVIDING TEMPORARY SEEDING AND WATER FOR AREAS THAT HAVE BEEN CLEARED AND WILL REMAIN INACTIVE FOR A PERIOD GREATER THAN 14 CALENDAR DAYS.

2. OTHER CONTROLS

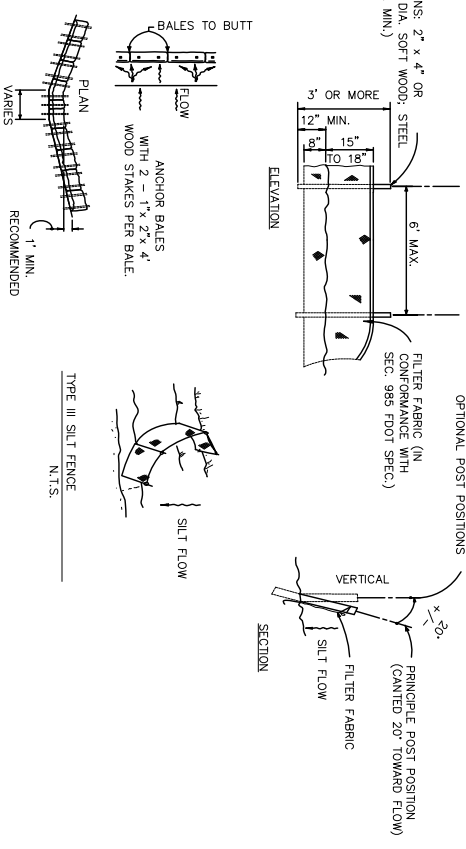
2.1. WASTE DISPOSAL: THE CONTRACTOR SHALL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES. ALL FERTILIZER, HYDROCARBON, OR OTHER CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

3. INSPECTIONS

3.1. A F.D.E.P. QUALIFIED STORMWATER MANAGEMENT CONTROL INSPECTOR PERSONAL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS .25 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAGES AND RECORD DAILY RAINFALL WHERE SITES HAVE BEEN PERMANENTLY STABILIZED. INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT EROSION CONTROL DEVICES INSTALLED IN THE FIELD AGREE WITH THE LATEST STORM WATER POLLUTION PREVENTION PLAN.

4. EROSION CONTROL NOTES



- 4.1. SILT FENCE AND FILTER FABRIC MUST BE ENTRENCHED.
- 4.2. POST FOR SILT FENCES SHALL BE EITHER 2.5 X 2 INCH DIAMETER SOFT WOOD OR 1.25 POUNDS PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 5 FEET. STEEL POST SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.
- 4.3. WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT, A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.
- 4.4. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MIN. OF 12 INCHES) WHEN EXTRA STRENGTH FABRIC IS USED. WITHOUT THE WIRE SUPPORT FENCE, POSTS SHALL NOT EXCEED 6 FEET.
- 4.5. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POST.
- 4.6. SEDIMENT MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- 4.7. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE PROPOSED AND EXISTING GRADES, PREPARED AND SEEDED.
- 4.8. SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT OR AT A TIME DIRECTED BY THE OWNER. IF THE OWNER FEELS IT IS NECESSARY FOR THE SILT FENCE TO REMAIN IN PLACE FOR SOME GIVEN TIME AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL LEAVE IT IN PLACE, IN THE PROPERLY INSTALLED WAY, AND WILL, AT THE DIRECTION OF THE OWNER, REMOVE IT AT NO ADDITIONAL COST TO THE OWNER WHEN THE OWNER DEEMS IT APPROPRIATE.
- 4.9. ALL SIDE SLOPES CREATED OR DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED AS SHOWN ON PLANS AT THE EARLIEST POSSIBLE DATE TO AVOID EROSION.
- 4.10. ANY DISTURBED AREA WHICH WILL NOT BE PAVED, SODDED OR BUILT UPON SHALL HAVE A MINIMUM OF 80 % VEGETATIVE COVER PRIOR TO FINAL INSPECTION, AND IN THE OPINION OF THE ENGINEER, WILL BE MATURE ENOUGH TO CONTROL SOIL EROSION AND SURVIVE SEVERE WEATHER CONDITIONS.
- 4.11. AREAS TO BE SODDED SHALL BE RAKED OR OTHERWISE CLEARED OF STONES LARGER THAN 2 INCHES (50 MM) IN ANY DIAMETER, STICKS, STUMPS, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH SODDING, GROWTH OF GRASSES, OR SUBSEQUENT MAINTENANCE OF GRASS-COVERED AREAS. IF ANY DAMAGE BY EROSION OR OTHER CAUSES OCCURS AFTER GRADING OF AREAS AND BEFORE BEGINNING THE APPLICATION OF FERTILIZER AND GROUND LIMESTONE, THE CONTRACTOR SHALL REPAIR SUCH DAMAGE.
- 4.12. THE SOD SHALL BE DELIVERED ALIVE, FRESH AND UNINJURED, AND SHALL BE TRANSPLANTED WITHIN 24 HOURS OF THE TIME IT WAS CUT. THE CONTRACTOR SHALL WATER THE SOD DAILY UNTIL ROOTS HAVE BEEN ESTABLISHED. DEAD SOD SHALL BE REPLACED AND MAINTAINED AT NO COST TO THE OWNER. THE SOD SHALL HAVE A SOIL MAT OF SUFFICIENT THICKNESS ADHERING FIRMLY TO THE ROOTS TO WITHSTAND ALL NECESSARY HANDLING. IN ADDITION, SOD SHALL BE SUFFICIENTLY THICK TO SECURE A DENSE STAND OF LIVE GRASS.



1. BARRIER FOR UNPAVED DITCH / SWALES  
N.T.S.

ANCHOR BALES WITH 2" x 4" WOOD STAKES PER BALE APPLICATION AND SPACING. THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART 1, SHEET 1 OF 3, INDEX NO. 102, TYPE I

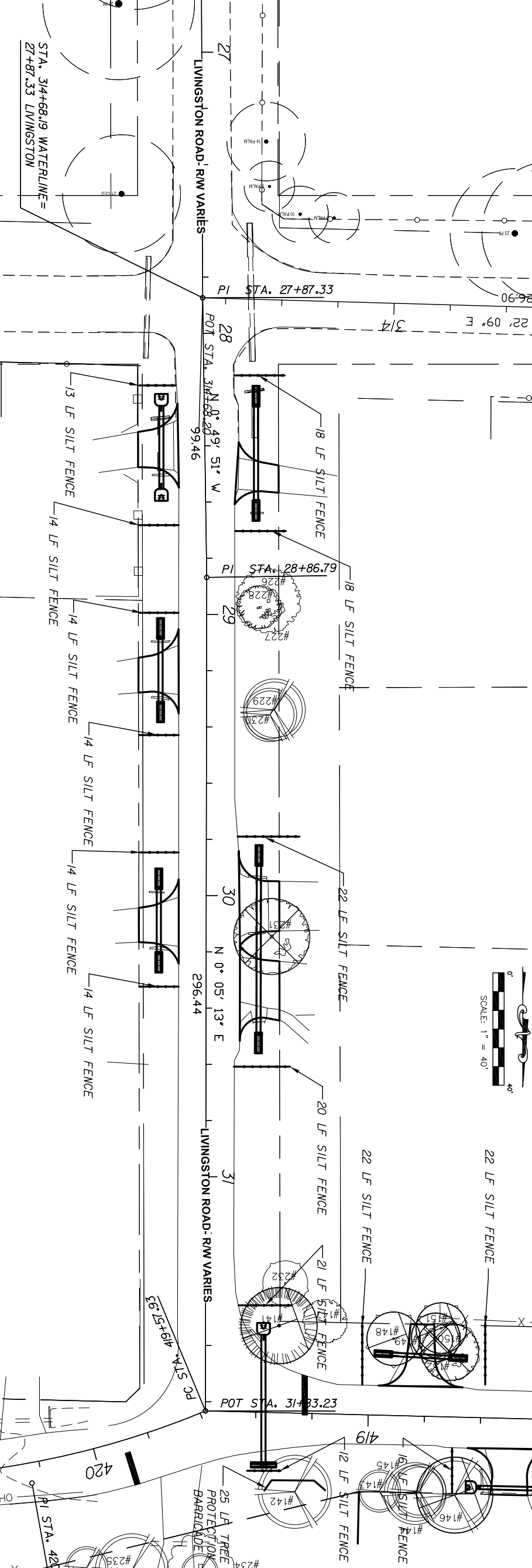
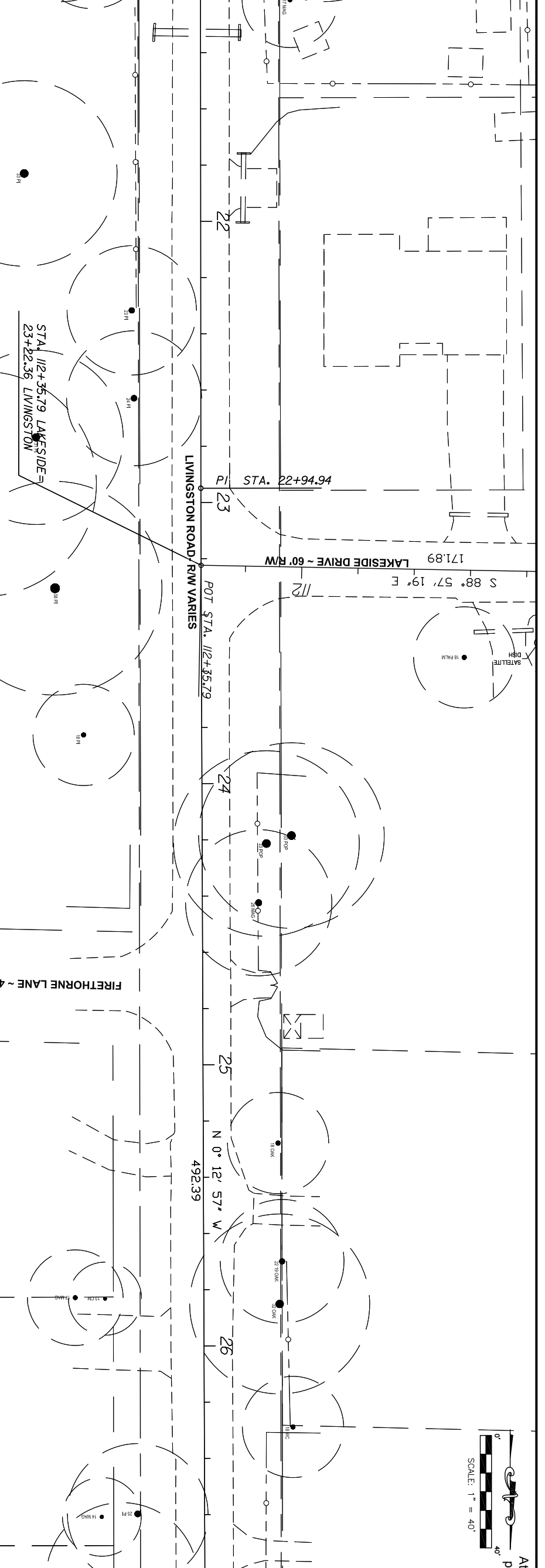
2. TREE PROTECTION DETAIL  
N.T.S.

DATE	BY	DESCRIPTION	INITIAL	ENGINEER OF RECORD:	 <p>REGISTE. SLUGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. BROADWAY STREET - TALLAHASSEE, FL 32303 PHONE: (850) 894-1551 - FAX: (850) 824-0565 PROJECT NUMBER: 1007C</p>	 <p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260</p>	<p>EROSION CONTROL NOTES AND DETAILS</p> <p>PROJECT NAME: LAKESIDE DRIVE CULVERT REPLACEMENTS</p>	SHEET NO. <b>21</b>
		DRAWN BY	B.A.W.					
		CHECKED BY	C.M.C.					
		DESIGNED BY	D.E.M.					
		CHECKED BY	J.L.R.					
		DATE	7/06/11					

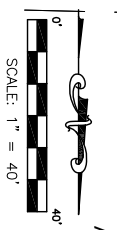


MATCHLINE STA. 21+20.00

MATCHLINE STA. 26+80.00



DATE	BY	REVISIONS	DESCRIPTION	DRAWN BY	INITIAL	ENGINEER OF RECORD	 <p>REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0585 PROJECT NUMBER: 1007C</p>	 <p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260</p>	PROJECT NAME: LAKESIDE DRIVE CULVERT REPLACEMENTS	SHEET NO.
						DANIELLE MARRERO, P.E. P.E. #69450			27	

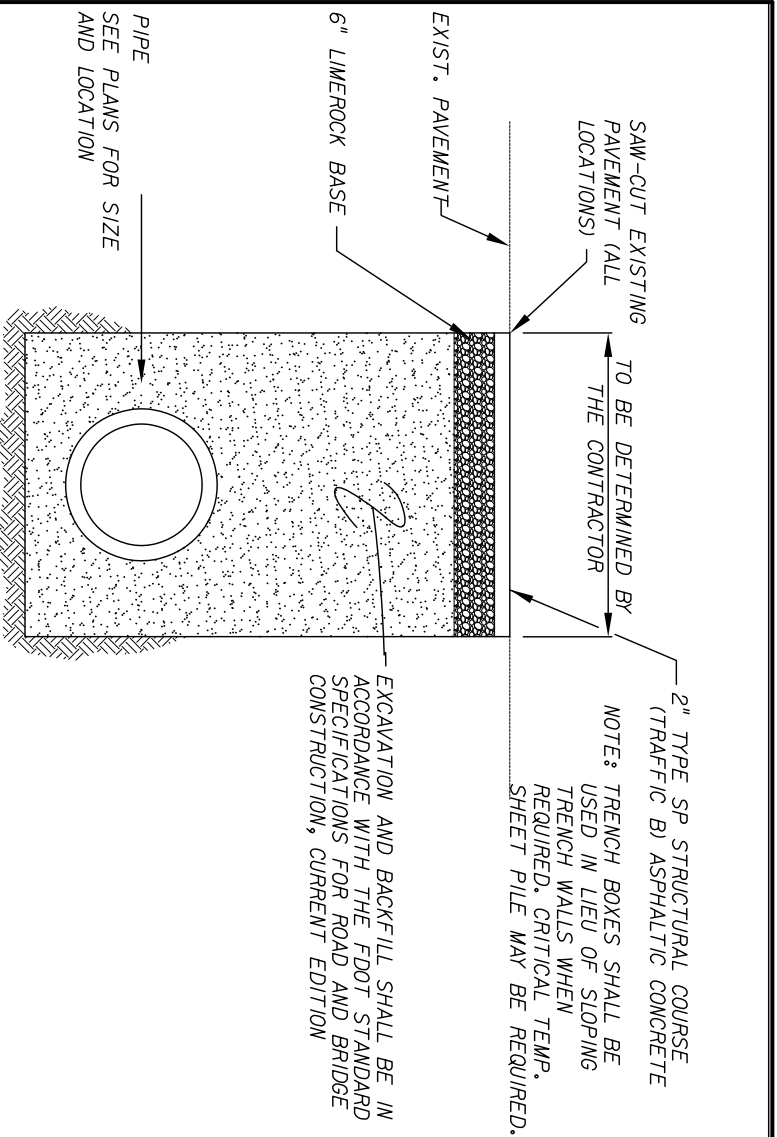


Attachment # 5  
page 24 of 32

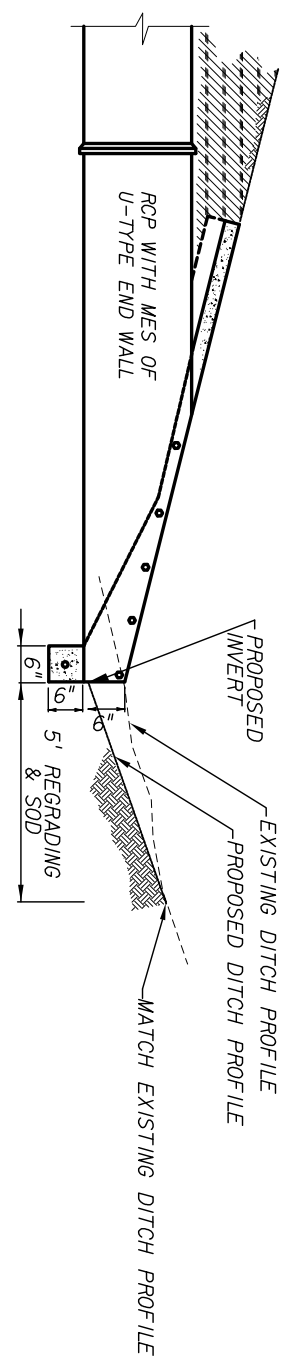




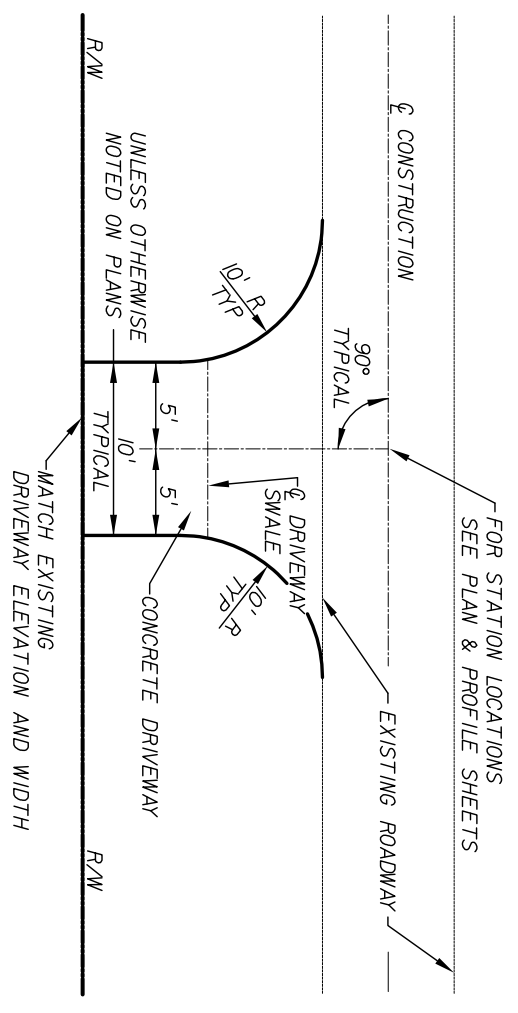




**DITCH GRADING DETAIL**



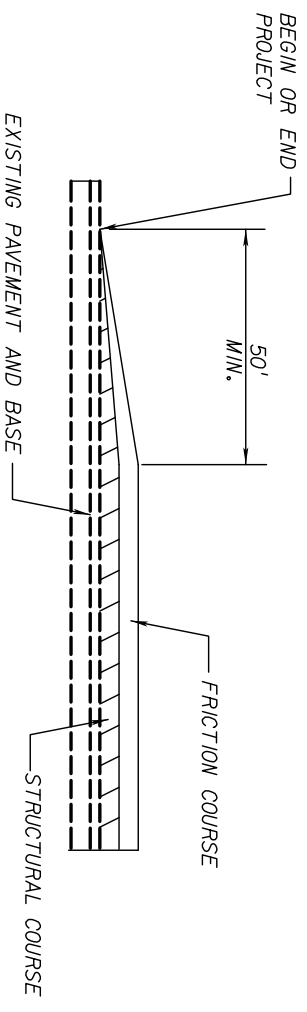
**PAVEMENT RESTORATION FOR TRENCHES**



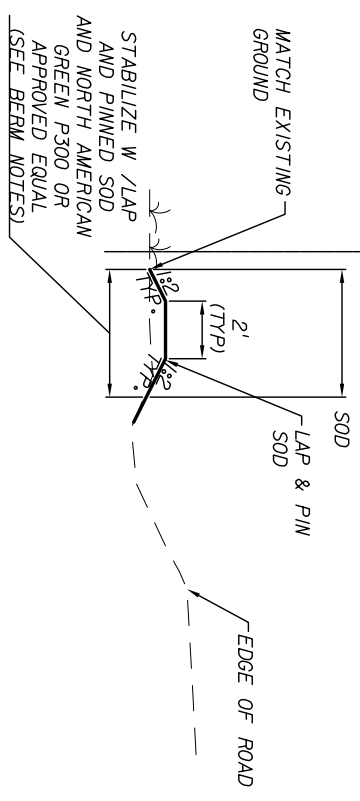
**TYPICAL CONCRETE DRIVEWAY**

- NOTES:
1. DRIVEWAYS TO BE CONSTRUCTED WITH 10' RADI UNLESS OTHERWISE STATED.
  2. CONCRETE SHALL BE 6" THICK.

**PAVEMENT TRANSITION & FEATHERING DETAIL**



**TYPICAL SECTION FULLER ROAD (LEFT)**



STA. 412+31.90 TO STA. 415+33.71

**BERM NOTES:**

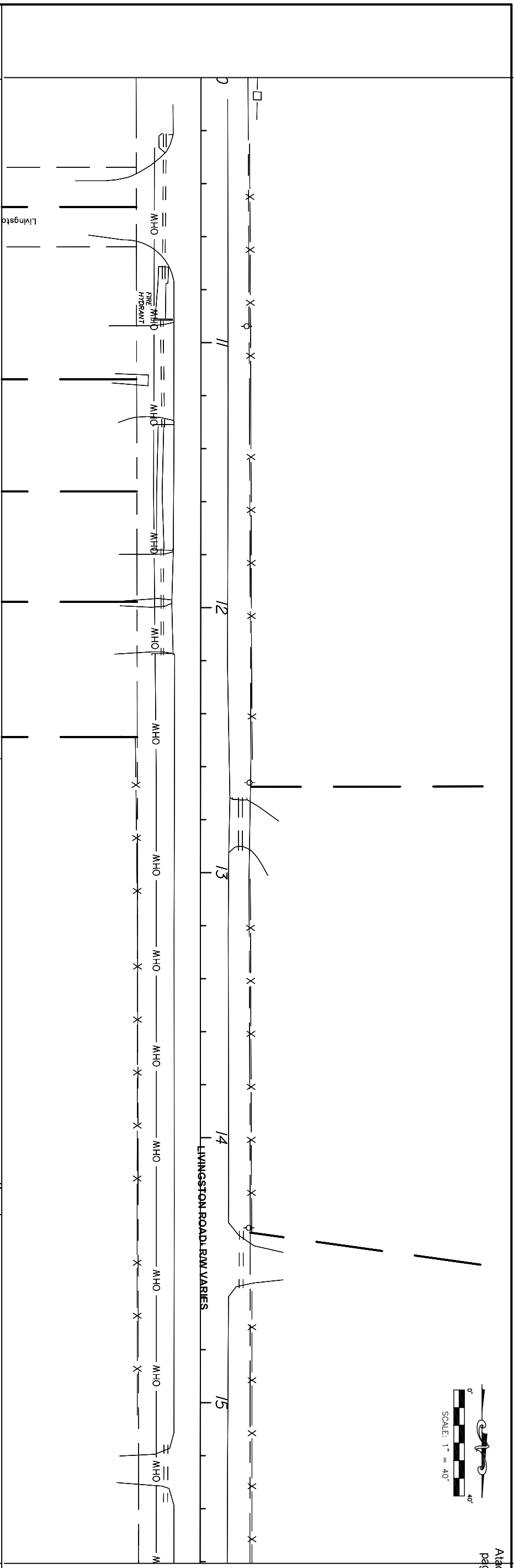
1. BERM SHALL BE FILED AND COMPACTED IN 6" INTERVALS. FILL MATERIAL SHALL BE PLASTIC SOIL - AASHTO A-2-5, A-2-6, A-4, A-5, A-6, A-7 (ALL WITH LL50).
2. EACH LIFT SHALL BE COMPACTED TO 95% MODIFIED PROCTOR.
3. ONE TEST PER LIFT PER 200 L.F. OF BERM WILL BE REQUIRED.
4. SCARIFY AND COMPACT BASE OF BERM.

REVISIONS		INITIAL		ENGINEER OF RECORD:	
DATE	BY	DESCRIPTION	DRAWN BY	CHECKED BY	DESIGN BY
			B.A.W.	C.M.C.	D.E.M.
			J.R.	L.R.	7/26/11

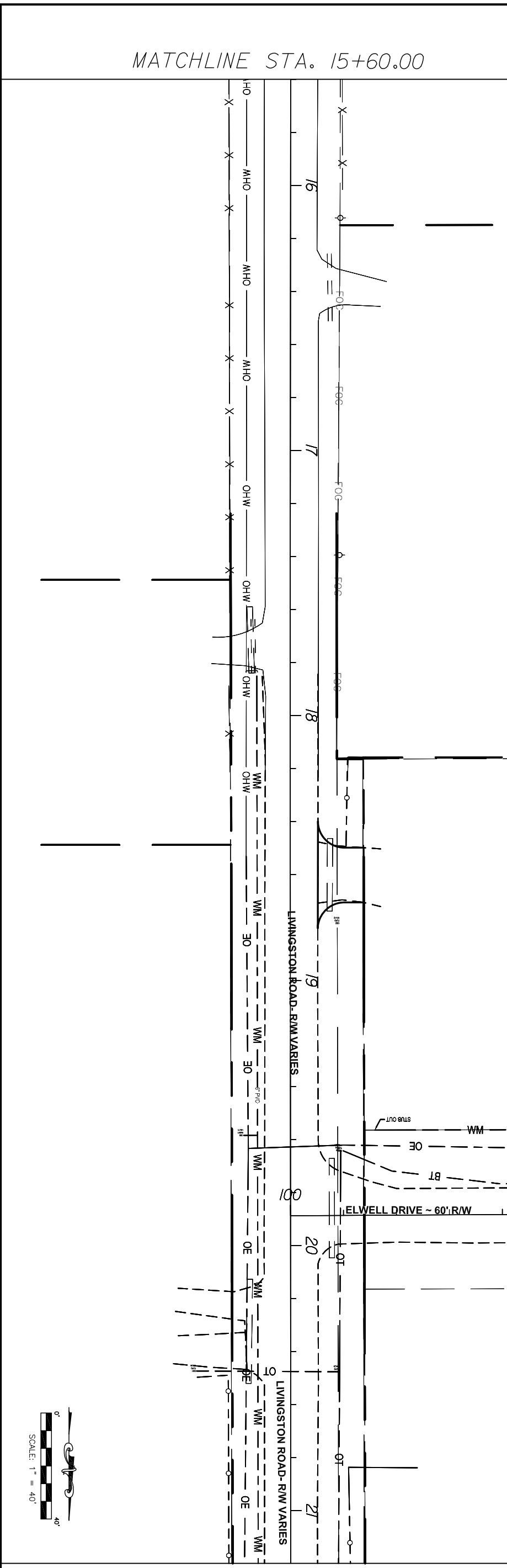
REGISTE, SLIGER ENGINEERING, INC.  
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT  
CERT. OF AUTHORIZATION # 9292 PL 32303  
1427 N. Bronough Street - Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505  
PROJECT NUMBER: 1007C

LEON COUNTY DEPARTMENT OF PUBLIC WORKS  
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308  
PHONE (850) 606-1500 \* FAX (850) 488-1260

<b>MISCELLANEOUS DETAILS</b>	SHEET NO.
PROJECT NAME: <b>LAKESIDE DRIVE CULVERT REPLACEMENTS</b>	
	<b>26</b>



MATCHLINE STA. 15+60.00

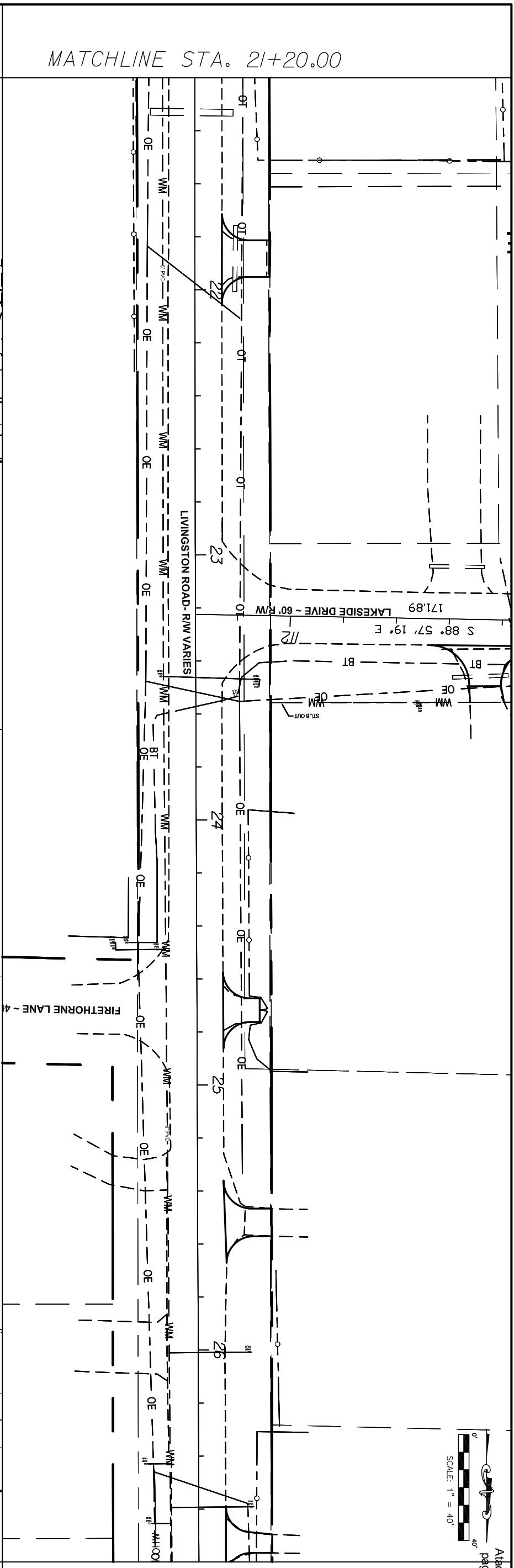


MATCHLINE STA. 21+20.00

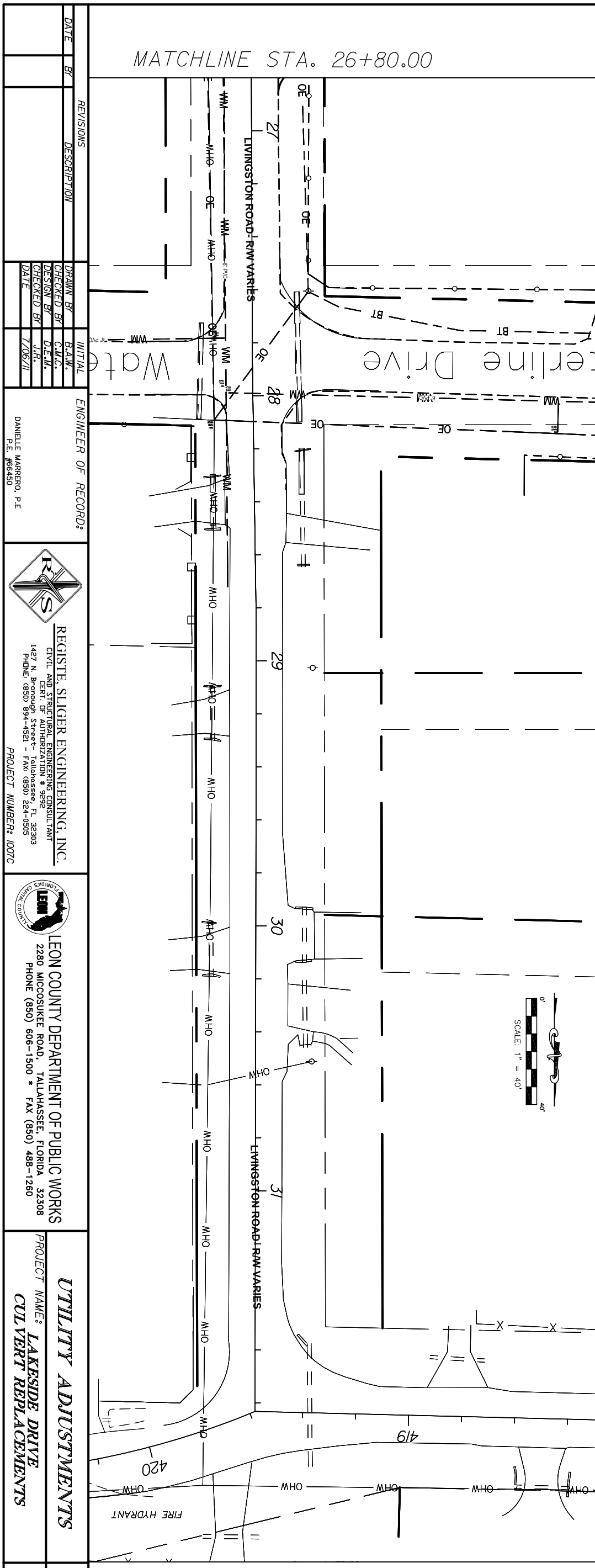
REVISIONS		ENGINEER OF RECORD:	
DATE	BY	DESCRIPTION	INITIAL
		DRAWN BY	B.A.W.
		CHECKED BY	C.M.C.
		DESIGN BY	D.E.M.
		CHECKED BY	J.R.
		DATE	7/26/11

<p>REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505</p>	
<p>PROJECT NUMBER: 1007C</p>	
<p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260</p>	
<p>UTILITY ADJUSTMENTS PROJECT NAME: LAKESIDE DRIVE CULVERT REPLACEMENTS</p>	
SHEET NO.	27

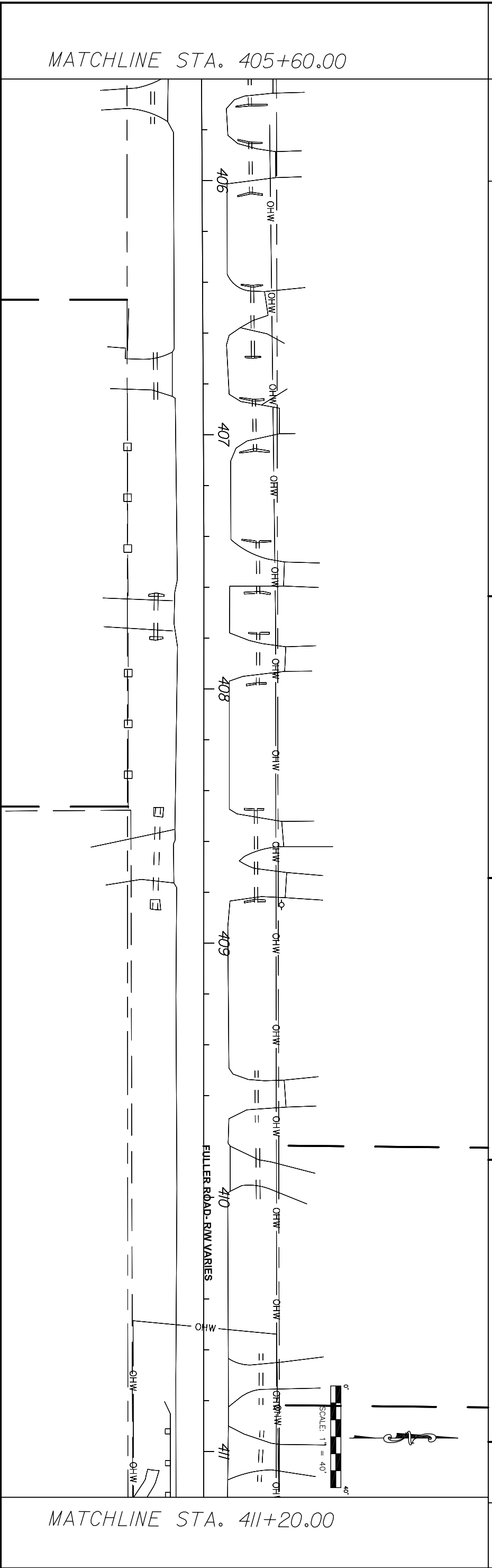
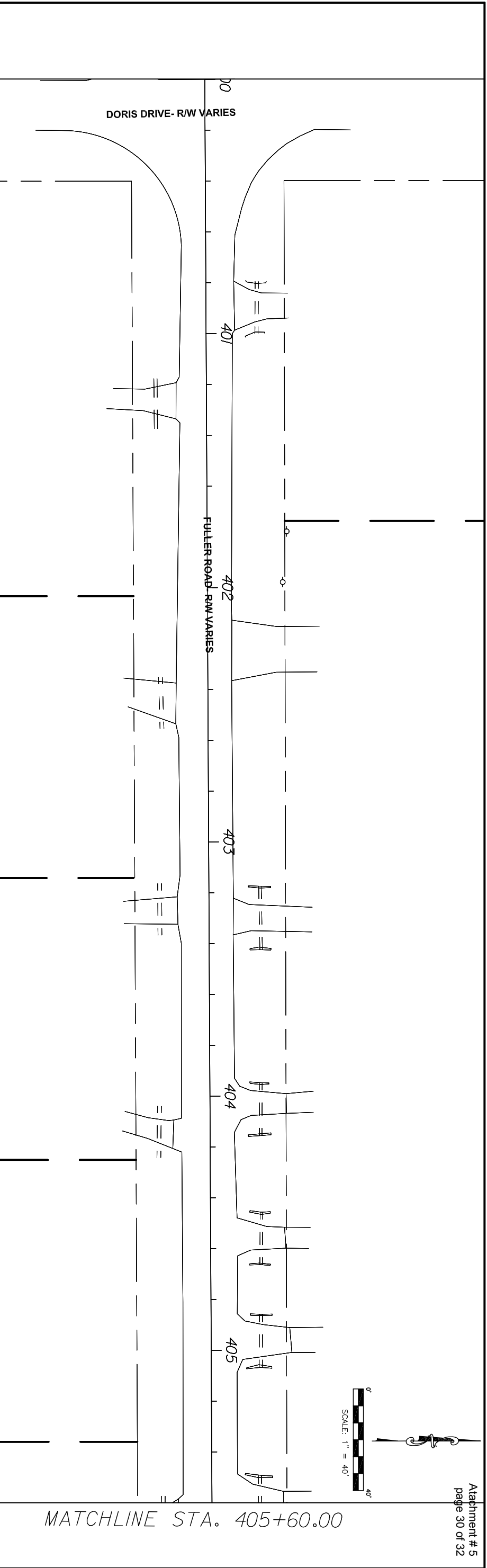


MATCHLINE STA. 26+80.00





MATCHLINE STA. 26+80.00

DATE	BY	DESCRIPTION	INITIAL	ENGINEER OF RECORD:	 <p>REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1007C</p>	 <p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260</p>	<p>UTILITY ADJUSTMENTS CULVERT REPLACEMENTS</p>	<p>SHEET NO. <b>28</b></p>
DRAWN BY	B.A.W.		<p>DANIELLE MARRERO, P.E. P.E. #69450</p>					
CHECKED BY	C.M.C.							
DESIGN BY	D.E.M.							
CHECKED BY	J.R.							
DATE	7/26/11							



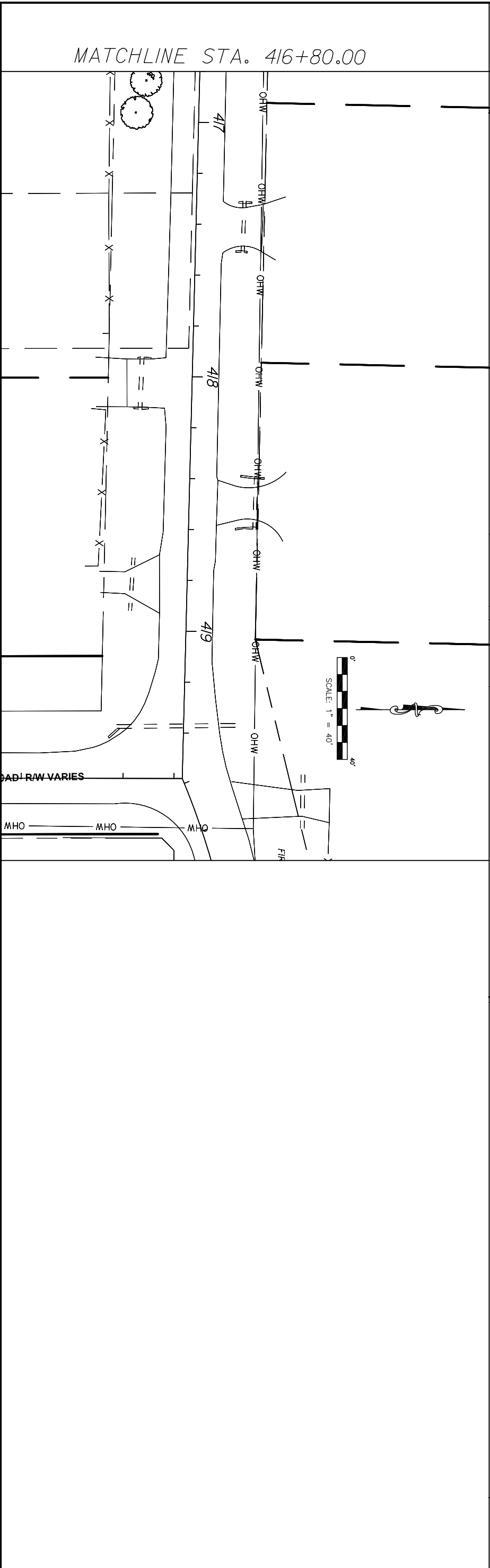
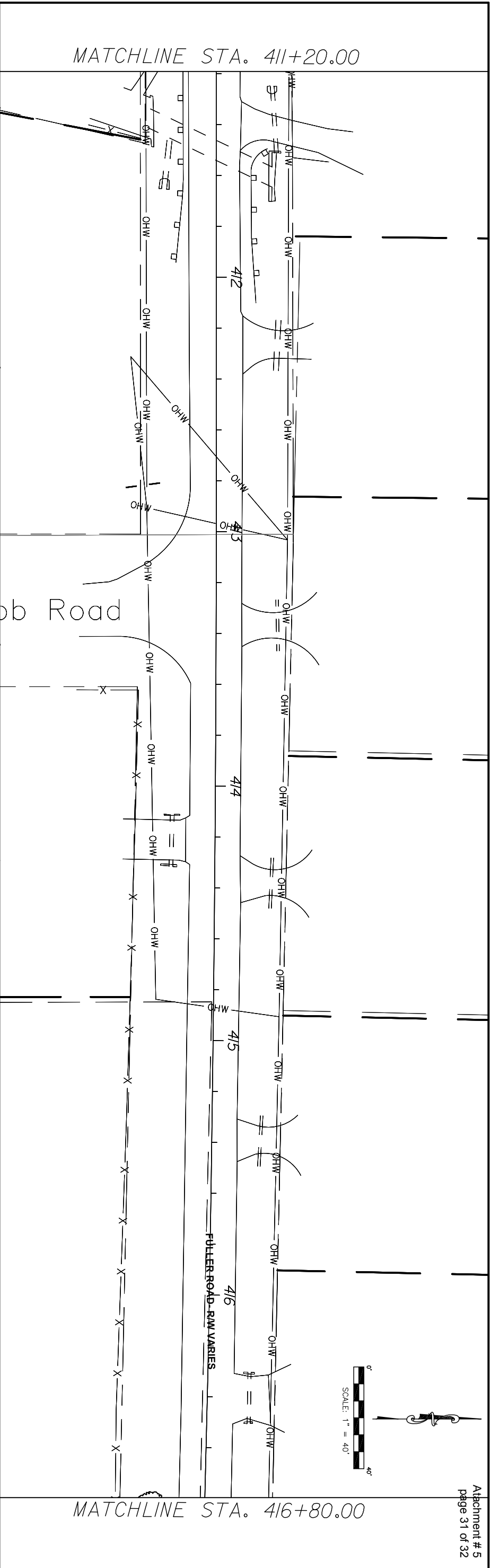
DATE	BY	DESCRIPTION	INITIAL	ENGINEER OF RECORD:
		DRAWN BY	B.A.W.	DANIELLE MARRERO, P.E. P.E. #96450
		CHECKED BY	C.M.C.	
		DESIGN BY	D.E.M.	
		CHECKED BY	J.R.	
		DATE	7/26/11	

 <p><b>REGISTE, SLIGER ENGINEERING, INC.</b> CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1007C</p>	 <p><b>LEON COUNTY DEPARTMENT OF PUBLIC WORKS</b> 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260</p>
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UTILITY ADJUSTMENTS CULVERT REPLACEMENTS	PROJECT NAME: LAKESIDE DRIVE CULVERT REPLACEMENTS	SHEET NO. <b>29</b>
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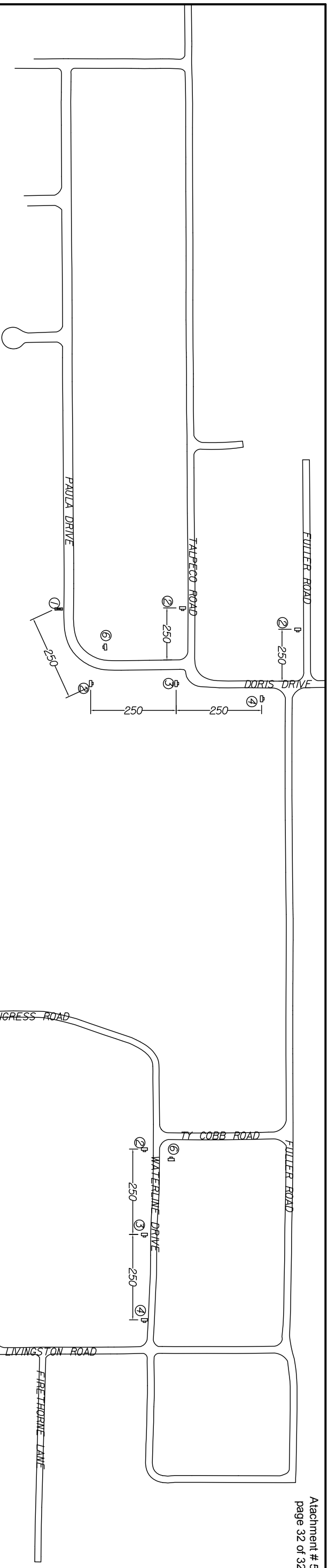
DATE	BY	REVISIONS	DESCRIPTION	DRAWN BY	INITIAL	ENGINEER OF RECORD
				B.A.W.		DANIELLE MARRERO, P.E. #96450
				C.M.C.		
				D.E.M.		
				J.R.		
				7/26/11		

 <p>REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1007C</p>	 <p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 488-1260</p>
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UTILITY ADJUSTMENTS PROJECT NAME: LAKESIDE DRIVE CULVERT REPLACEMENTS	SHEET NO. 30
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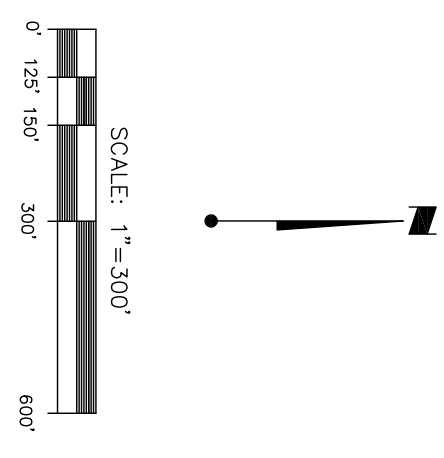
**DETOUR NOTES:**

1. ALL SIGNING, PAVEMENT MARKINGS, BARRICADES AND WARNING LIGHTS NECESSARY FOR MAINTENANCE OF TRAFFIC SHALL CONFORM TO INDEX 600.

**GENERAL NOTES:**

1. CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION AND DURATION OF DETOUR.
2. PUBLIC ACCESS TO RESIDENCES MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
3. FOR GENERAL TCZ REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO STANDARD INDEX 600.
4. CONTRACTOR SHALL PROVIDE EROSION CONTROL UNDER FDOT DESIGN STANDARDS (LATEST EDITION) FOR DURATION OF PROJECT.
5. CONTRACTOR IS RESPONSIBLE FOR KEEPING UP ROAD MAINTENANCE DURING CONSTRUCTION, INCLUDING REPLENISHING MATERIAL AFTER A MAJOR STORM.
6. LANE CLOSURE LENGTH SHALL BE LIMITED TO LESS THAN 300 LF.
7. ANY DEVIATION FROM THE MOT PLAN SHALL BE SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER AND SUBMITTED FOR REVIEW AND APPROVAL/DISAPPROVAL BY THE COUNTY.

- SYMBOLS LEGEND**
- Orange Flag For TCZ Signs
  - Type B Light For TCZ Signs
  - Work Area
  - Type III Barricade (With Flashing Light)
  - Work Zone Sign
- PORTABLE CHANGEABLE MESSAGE SIGN**
- ①
  - ②
  - ③
  - ④
  - ⑤
  - ⑥



REVISIONS		INITIAL		ENGINEER OF RECORD:	
DATE	BY	DESCRIPTION	DRAWN BY	CHECKED BY	DATE
			B.A.W.	C.M.C.	
			D.E.M.	J.R.	7/26/11

REGISTE, SLIGER ENGINEERING, INC.	
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT	
CERT. OF AUTHORIZATION # 9292 FL 32203	
1427 N. Bronough Street - Tallahassee, FL 32303	
PHONE: (850) 894-4521 - FAX: (850) 224-0505	
PROJECT NUMBER: 1007C	

LEON COUNTY DEPARTMENT OF PUBLIC WORKS	
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308	
PHONE (850) 606-1500 * FAX (850) 488-1260	

<b>TRAFFIC CONTROL PLAN</b>		SHEET NO.
PROJECT NAME: <b>LAKESIDE DRIVE CULVERT REPLACEMENTS</b>		
		<b>31</b>