

COMPONENTS OF CONTRACT PLANS SET

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2014 Design Standards and revised Index Drawings as appended herein, and 2013 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/>

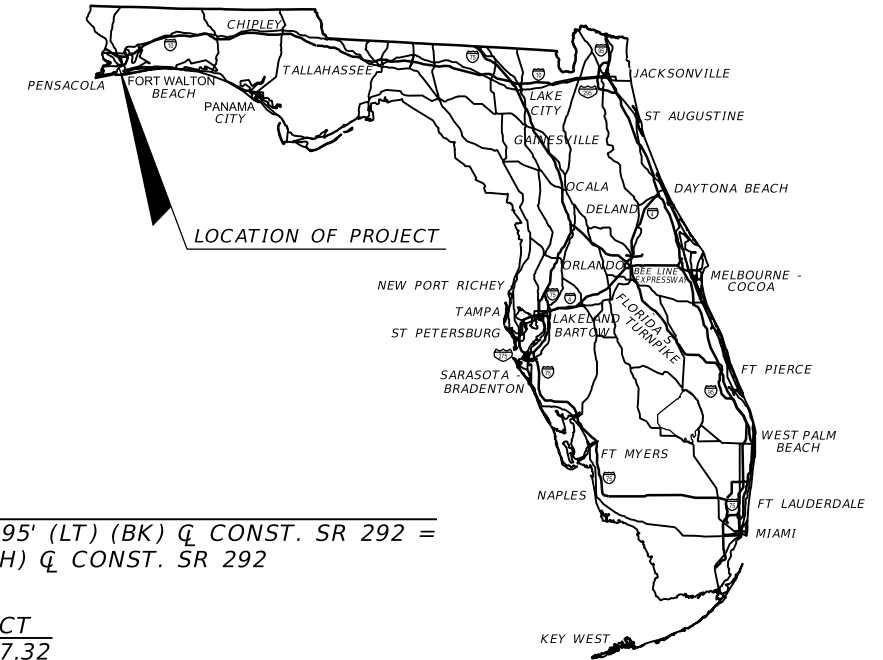
For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/>

PHASE IV SUBMITTAL
OCTOBER 2, 2013
LETTING 5/27/15

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

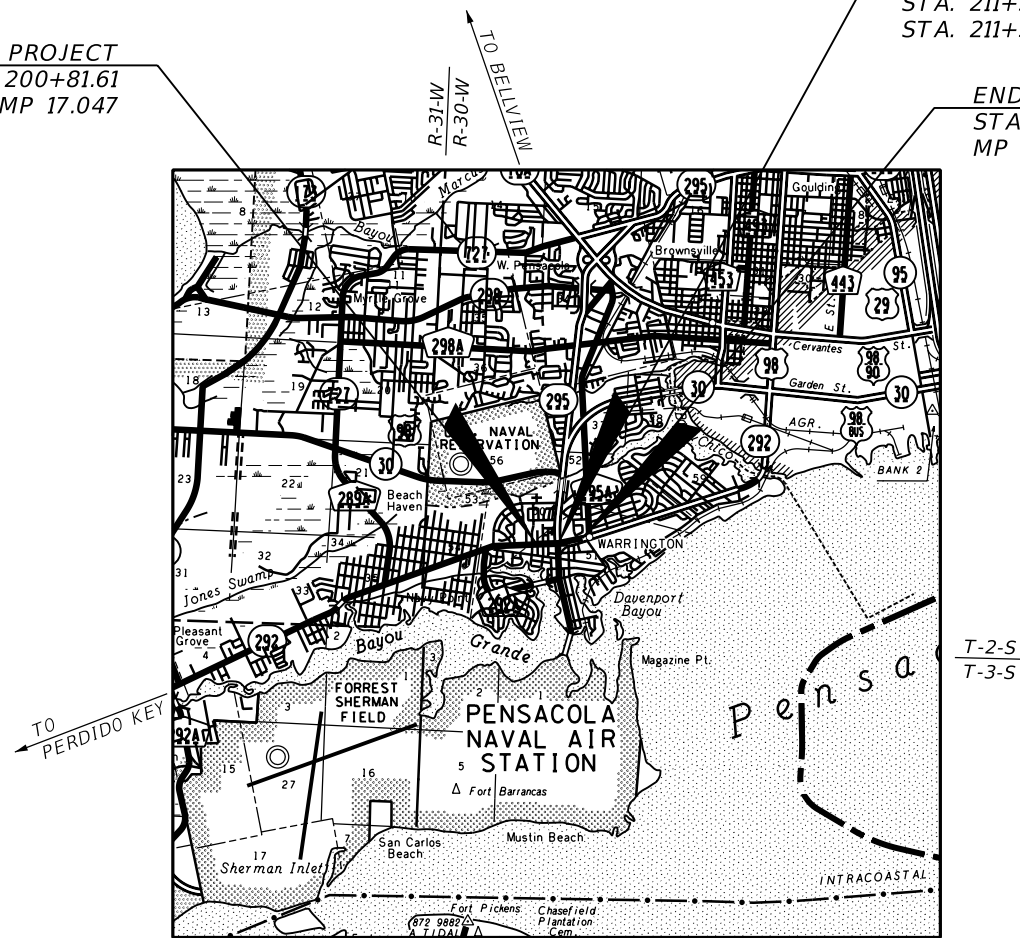
FINANCIAL PROJECT ID 409792-7-52-01
 (FEDERAL FUNDS)
 ESCAMBIA COUNTY (48050)
 STATE ROAD NO. 292



BEGIN PROJECT
 STA. 200+81.61
 MP 17.047

EQUATION:
 STA. 211+35.17, 2.95' (LT) (BK) Q CONST. SR 292 =
 STA. 211+35.17 (AH) Q CONST. SR 292

END PROJECT
 STA. 223+47.32
 MP 17.476



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

JESSICA BLOOMFIELD, P.E.
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405

PLANS PREPARED BY:

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 PHONE: (850) 872-8044
 FAX: (850) 872-8704
 CONTRACT NO. C-9282
 VENDOR NO. F-59-1685550
 CERTIFICATE OF AUTHORIZATION NO. EB-0002294

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

LENGTH OF PROJECT IS BASED ON Q CONST.

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	2,265.71	0.429
BRIDGES	N/A	N/A
NET LENGTH OF PROJECT	2,265.71	0.429
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	2,265.71	0.429

FDOT PROJECT MANAGER: JOHN GLENN, P.E.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
 ENGINEER OF RECORD: JESSICA BLOOMFIELD, P.E.

P.E. NO.: 66427

FISCAL YEAR	SHEET NO.
15	1

STATE ROAD 292 (GULF BEACH HIGHWAY) FROM MERRITT STREET TO SOUTH 3RD STREET

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTES TO REVIEWERS

1. PAVEMENT DESIGN IS PENDING FORMAL APPROVAL. THE CONCRETE PAVEMENT SECTION OF SR 295, STA. 65+83.77 TO STA 69+34.81 IS UNDER CONSIDERATION FOR MILLING AND RESURFACING INSTEAD OF COMPLETE REMOVAL AND NEW ASPHALT PAVEMENT CONSTRUCTION. PLANS, PROFILE AND CROSS SECTIONS IN THIS PLAN SUBMITTAL INDICATES PAVEMENT RECONSTRUCTION. TRAFFIC CONTROL PLANS FOR PHASE VI SHALL BE FURTHER DETAILED IN PLAN VIEW IF CONCRETE PAVEMENT IS REMOVED. TYPICAL SECTIONS FOR PHASE VI WILL BE REMOVED IF CONCRETE PAVEMENT IS REMOVED. PLANS WILL BE MODIFIED APPROPRIATELY PENDING DECISIONS REGARDING THE EXISTING CONCRETE PAVEMENT.

2. QUANTITIES RELATED TO CONTRACT TIME WILL BE ADJUSTED UPON FINAL UTILITY CERTIFICATION AND CONTRACT TIME MEMO.

3. UPON ADDITIONAL GEOTECHNICAL INVESTIGATIONS OPTIONAL PIPE MATERIALS MAY BE LISTED IN THE OPTIONAL MATERIALS TABULATION.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOTES TO REVIEWERS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		1A
					SR 292	ESCAMBIA	409792-7-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3488						
LEAD PROJECT : 409792-7-52-01		DISTRICT : 03		COUNTY/SECTION : 48050000		
PROJECT(S) : 40979275201		COUNTY : ESCAMBIA				
0001 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	40979275201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 40979275201	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 40979275201	(LS)	1.000	1.000
		0102- 3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	435.000	435.000
		0102- 14-	TRAFFIC CONTROL OFFICER	MH	72.000	72.000
		0102- 60-	WORK ZONE SIGN	ED	17584.000	17584.000
		0102- 61-	BUSINESS SIGN	EA	16.000	16.000
		0102- 74- 1	TEMPORARY BARRICADE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	21463.000	21463.000
		0102- 74- 2	BARRICADE, TEMPORARY, TYPE III, 6'	ED	289.000	289.000
		0102- 75- 1	TEMPORARY SEPARATOR, F&I REMOVE	LF	1210.000	1210.000
		0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	384.000	384.000
		0102- 77-	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	4950.000	4950.000
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	1384.000	1384.000
		0102- 79-	LIGHTS, BARRIER WALL MOUNT, TEMP, TYPE C, STEADY BURN	ED	4356.000	4356.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1320.000	1320.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	900.000	900.000
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	900.000	900.000
		0104- 10- 3	SEDIMENT BARRIER	LF	1960.000	1960.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	62.000	62.000
		0107- 1-	LITTER REMOVAL	AC	40.000	40.000
		0107- 2-	MOWING	AC	10.000	10.000
		0110- 1- 1	CLEARING & GRUBBING 40979275201	(LS)	1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	1716.000	1716.000
		0120- 1-	REGULAR EXCAVATION	CY	2367.000	2367.000
		0120- 2- 2	BORROW EXCAVATION, TRUCK MEASURE	CY	1027.000	1027.000
		0160- 4-	TYPE B STABILIZATION	SY	9779.000	9779.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	773.000	773.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	7470.000	7470.000
		0286- 2-	TURNOUT CONSTRUCTION- ASPHALT	TN	35.300	35.300
		0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	795.000	795.000
		0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	23904.000	23904.000
		0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	6073.400	6073.400
		0337- 7- 42	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22, PMA	TN	1803.900	1803.900
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	1110.000	1110.000
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	78.000	78.000
		0425- 1-201	INLETS, CURB, TYPE 9, <10'	EA	3.000	3.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	7.000	7.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	3.000	3.000
		0425- 1-341	INLETS, CURB, TYPE P-4, <10'	EA	1.000	1.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	6.000	6.000
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000	2.000

FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3488						
LEAD PROJECT : 409792-7-52-01		DISTRICT : 03		COUNTY/SECTION : 48050000		
PROJECT(S) : 40979275201		COUNTY : ESCAMBIA				
0001 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	40979275201	QUANTITY TOTAL
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	1.000	1.000
		0425- 1-421	INLETS, CURB, TYPE J-2, <10'	EA	1.000	1.000
		0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	1.000	1.000
		0425- 1-523	INLETS, DT BOT, TYPE C, JBOT, <10'	EA	2.000	2.000
		0425- 1-535	INLETS, DITCH BOTTOM TYPE C MODIFIED- BACK OF SIDEWALK, PARTIAL	EA	1.000	1.000
		0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	3.000	3.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	4.000	4.000
		0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	5.000	5.000
		0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000	1.000
		0425- 3- 43	JUNCTION BOX, DRAINAGE, P-7, PARTIAL	EA	3.000	3.000
		0425- 5-	MANHOLE, ADJUST	EA	11.000	11.000
		0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	6.000	6.000
		0425- 6-	VALVE BOXES, ADJUST	EA	4.000	4.000
		0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	1830.000	1830.000
		0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	114.000	114.000
		0430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	188.000	188.000
		0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	191.000	191.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	17.000	17.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	5208.000	5208.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	269.000	269.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4" WIDE	LF	130.000	130.000
T		0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	23.000	23.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2646.000	2646.000
		0522- 2-	CONC SIDEWALK AND DRIVEWAYS, 6" THICK	SY	857.000	857.000
		0527- 2-	DETECTABLE WARNINGS	SF	536.000	536.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	2170.000	2170.000
		0710- 11-111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	NM	4.310	4.310
		0710- 11-122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8"	LF	254.000	254.000
		0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF	3916.000	3916.000
		0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"	LF	130.000	130.000
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF	1000.000	1000.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 6", 10-30 OR 3-9 SKIP	GM	2.434	2.434
		0710- 11-151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED / GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	818.000	818.000
		0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA	34.000	34.000
		0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	152.000	152.000
		0710- 11-211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	NM	3.090	3.090
		0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF	618.000	618.000
		0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	.424	.424
		0710- 11-421	PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, SOLID, 6"	LF	80.000	80.000

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 292		ESCAMBIA	409792-7-52-01		

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FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3488						
LEAD PROJECT : 409792-7-52-01		DISTRICT : 03		COUNTY/SECTION : 48050000		
PROJECT(S) : 40979275201			COUNTY : ESCAMBIA			
0001 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	40979275201	QUANTITY TOTAL
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 40979275201	LS	1.000	1.000

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FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3488						
LEAD PROJECT : 409792-7-52-01		DISTRICT : 03		COUNTY/SECTION : 48050000		
PROJECT(S) : 40979275201			COUNTY : ESCAMBIA			
0002 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	40979275201	QUANTITY TOTAL
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	19.000	19.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	28.000	28.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	7.000	7.000
		0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	2.000	2.000
		0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	AS	1.000	1.000
		0700- 12- 22	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, TWO BEACONS	AS	2.000	2.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 40979275201	LS	1.000	1.000
		0711- 11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	127.000	127.000
		0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	1958.000	1958.000
		0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	65.000	65.000
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	500.000	500.000
		0711- 11-151	THERMOPLASTIC, STANDARD, WHITE, DOTTED/GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	409.000	409.000
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	17.000	17.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	76.000	76.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	309.000	309.000
		0711- 11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF	40.000	40.000
		0711- 15-111	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	NM	2.155	2.155
		0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	1.217	1.217
		0711- 15-211	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM	1.546	1.546
		0711- 15-231	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SKIP, 6"	GM	.212	.212

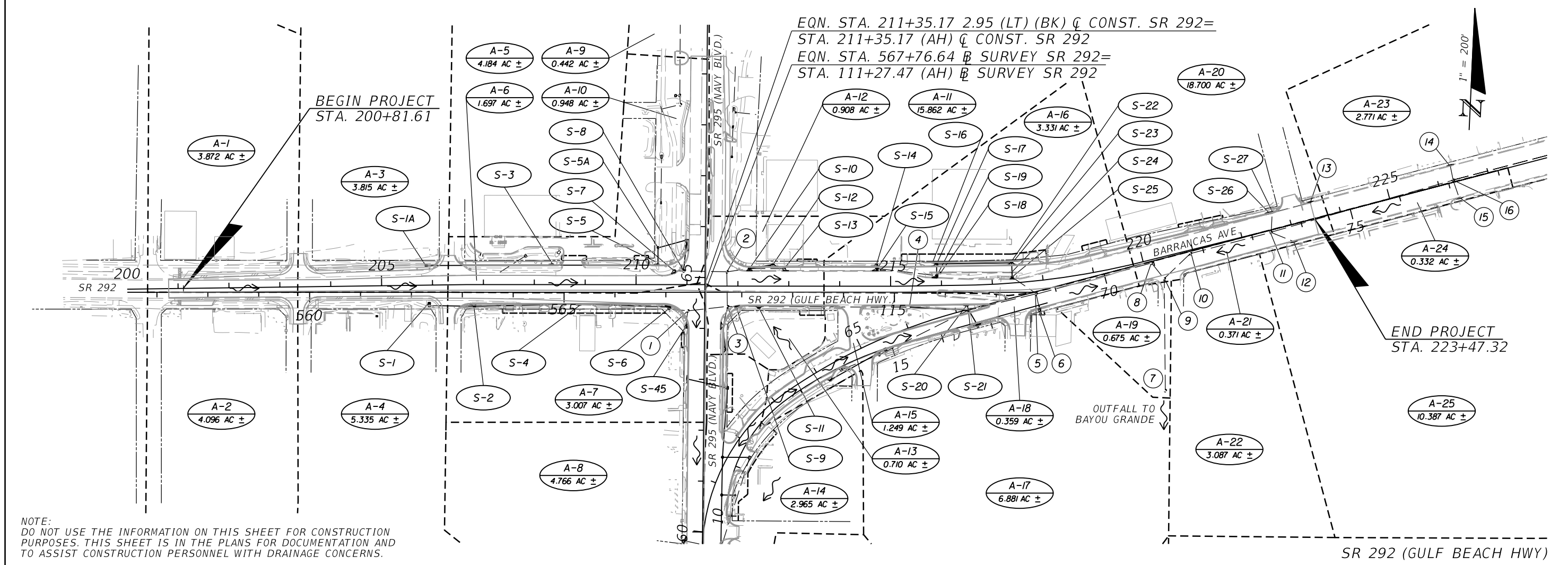
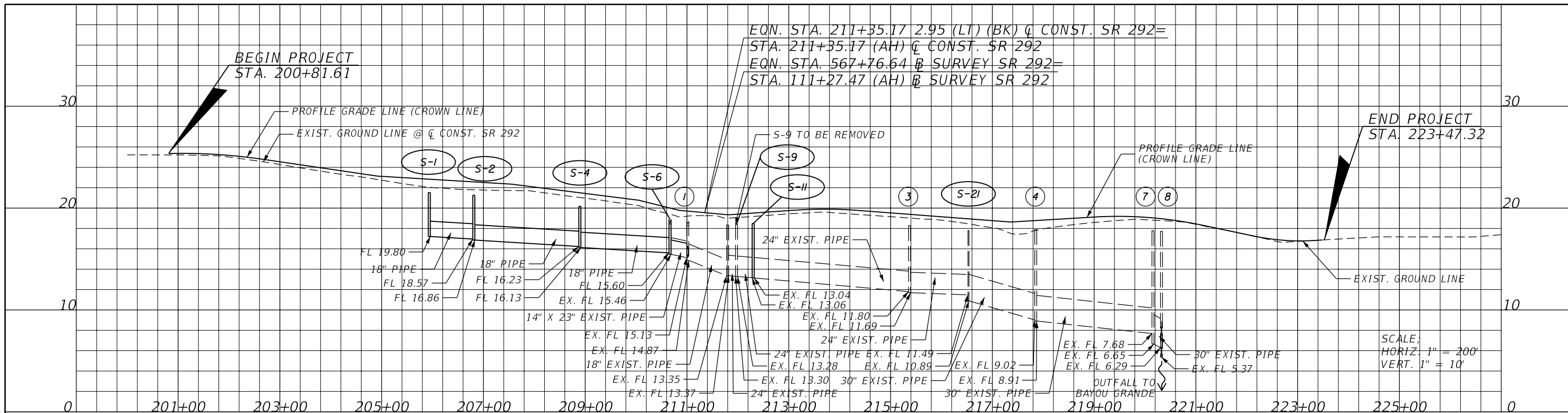
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FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3488						
LEAD PROJECT : 409792-7-52-01		DISTRICT : 03		COUNTY/SECTION : 48050000		
PROJECT(S) : 40979275201			COUNTY : ESCAMBIA			
0003 SUMMARY OF SIGNALIZATION						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	40979275201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	144.000	144.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3018.000	3018.000
		0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	80.000	80.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000	3.000
		0633- 4- 1	SIGNALS COMMUNICATION CABLE- TWISTED PAIR CABLE	LF	7552.000	7552.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	53.000	53.000
		0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000	3.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE	LF	468.000	468.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000	3.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	13.000	13.000
		0649- 31-103	MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/O LUMINAIRE-60	EA	3.000	3.000
		0649- 31-104	MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/O LUMINAIRE-70.5	EA	2.000	2.000
		0649- 31-112	MAST ARM,F&I, WIND SPEED-150,DOUBLE ARM,W/O LUMINAIRE, 36-60	EA	2.000	2.000
		0650- 1-311	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, ALUMINUM	AS	25.000	25.000
		0650- 1-511	TRAFFIC SIGNAL, F&I, 5 SECTION, 1 WAY, ALUMINUM	AS	2.000	2.000
		0653-191-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIRECTION	AS	10.000	10.000
		0653-192-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 DIRECTIONS	AS	4.000	4.000
		0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	12.000	12.000
		0660- 1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	3.000	3.000
		0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	19.000	19.000
		0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	10.000	10.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	18.000	18.000
		0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	3.000	3.000
T		0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	3.000	3.000
		0690- 10-	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	26.000	26.000
		0690- 20-	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	10.000	10.000
		0690- 32- 1	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA	2.000	2.000
		0690- 32- 2	POLE REMOVAL, SHALLOW, BOLT ON ATTACHMENT	EA	6.000	6.000
		0690- 50-	CONTROLLER ASSEMBLY, REMOVE, COMPLETE ASSEMBLY	EA	3.000	3.000
		0690- 60-	DETECTOR VEHICLE ASSEMBLY REMOVE	EA	9.000	9.000
		0690- 70-	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA	8.000	8.000
		0690- 80-	SPAN WIRE ASSEMBLY, REMOVE	EA	1.000	1.000
		0690- 90-	CONDUIT & CABLING- WITHIN INTERSECTION, REMOVE	PI	3.000	3.000
		0690- 91-	SIGNAL INTERCONNECT CABLE REMOVE	LF	7049.000	7049.000
		0690-100-	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	PI	3.000	3.000
		0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000	1.000
		0700- 3-202	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 12-20 SF	EA	8.000	8.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	3.000	3.000
		0700- 3-602	SIGN PANEL, REMOVE, 12-20 SF	EA	8.000	8.000

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

SUMMARY OF PAY ITEMS

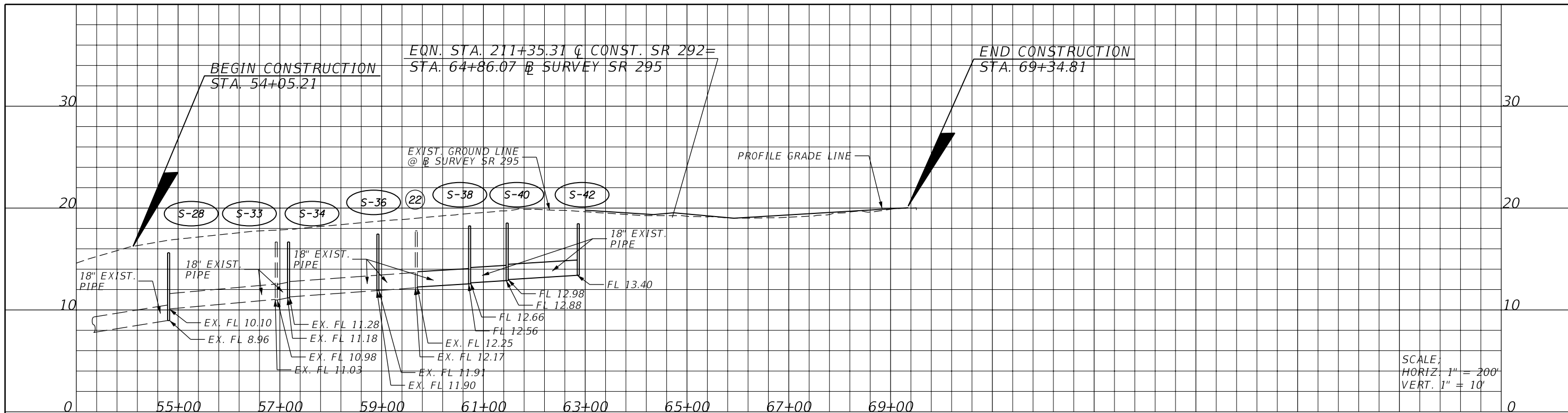


NOTE:
DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

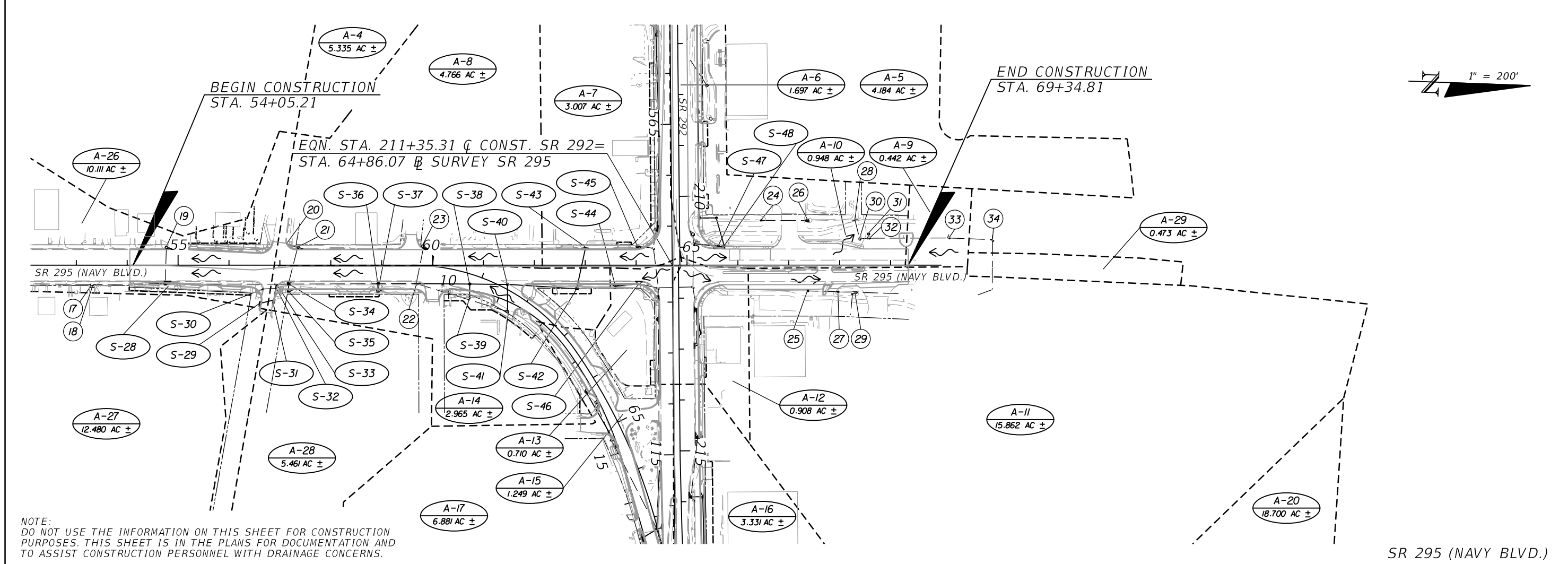
REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

DRAINAGE MAP

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SCALE:
HORIZ. 1" = 200'
VERT. 1" = 10'

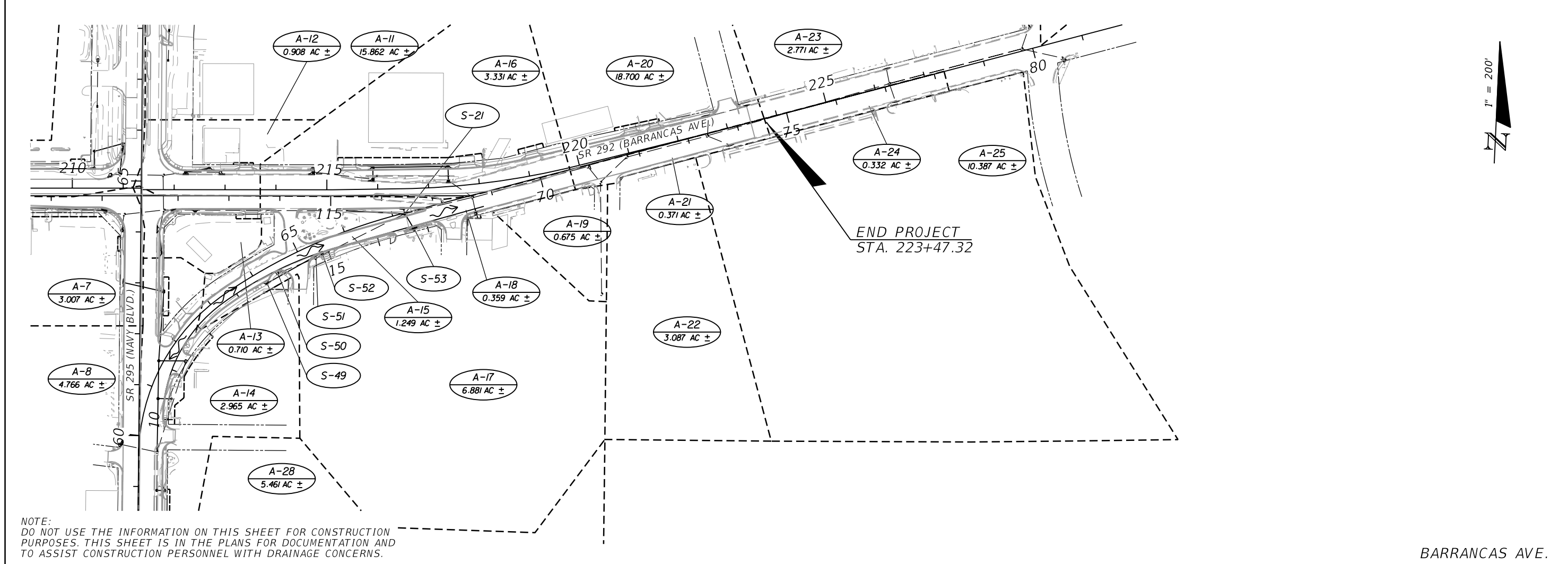
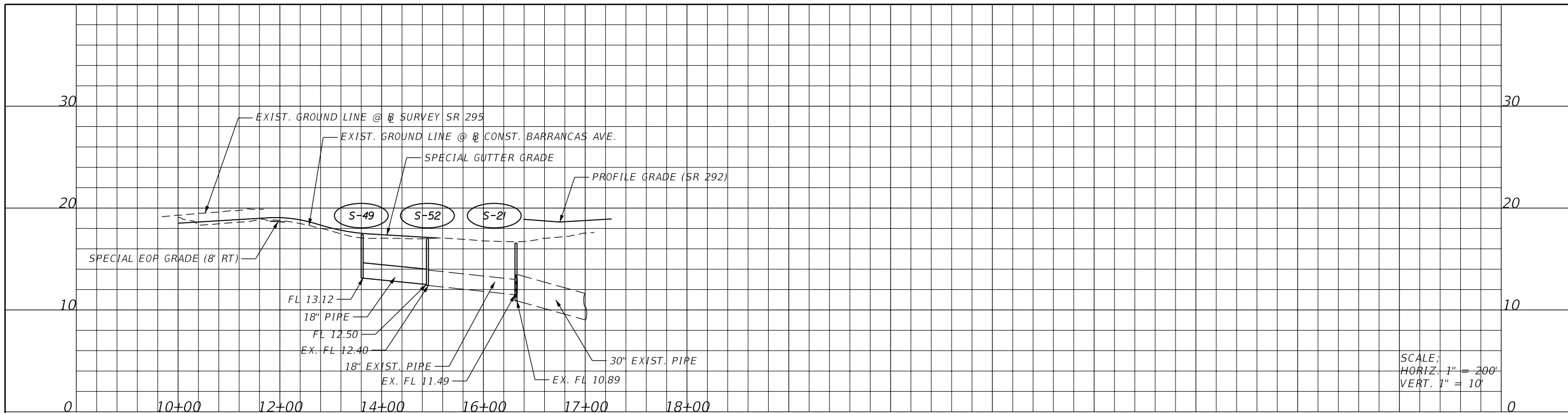


NOTE:
DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

SR 295 (NAVY BLVD.)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP SHEET NO. 5
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 292		ESCAMBIA	409792-7-52-01		

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NOTE:
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BARRANCAS AVE.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

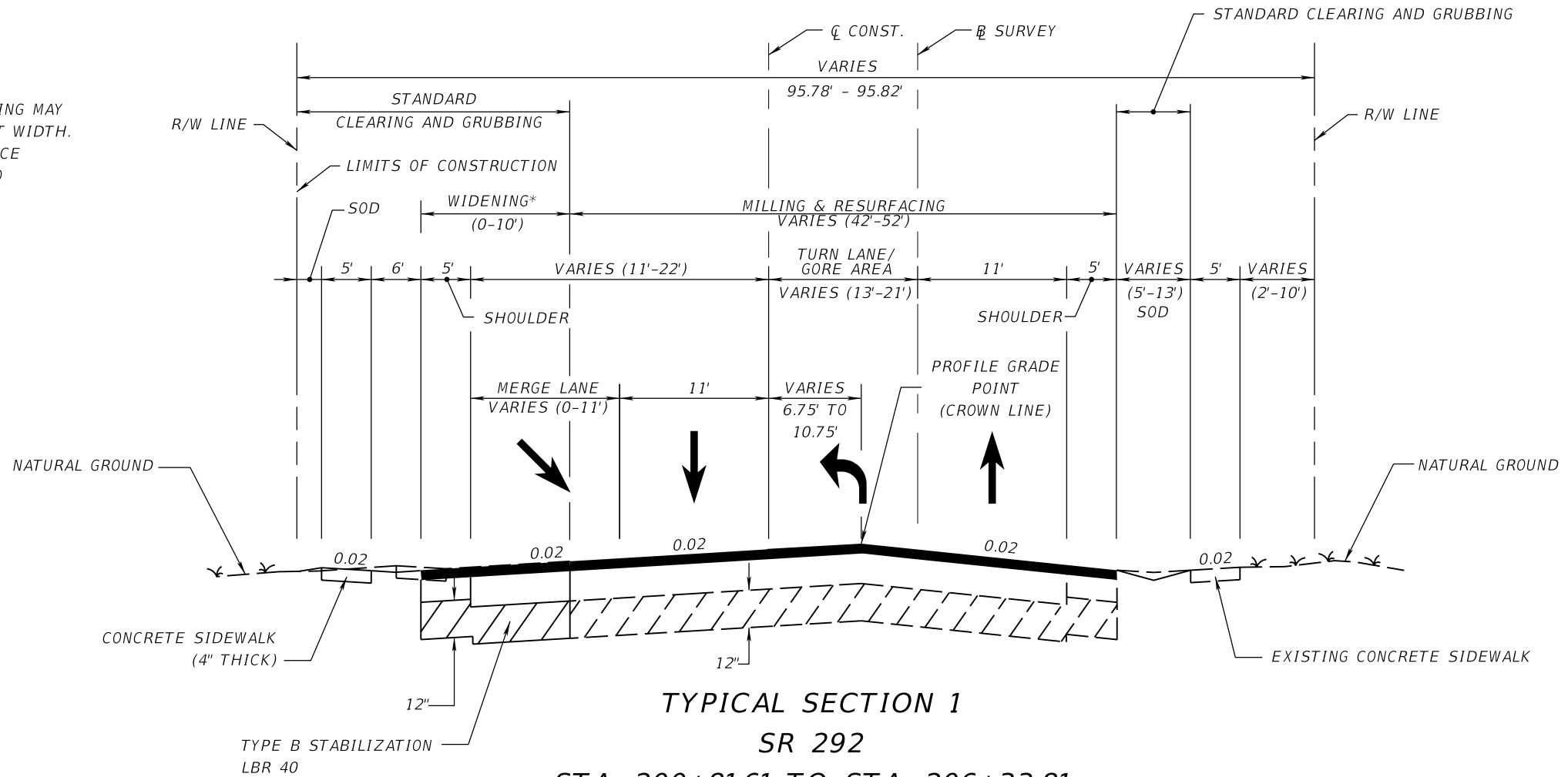
SUMMARY OF EXISTING STRUCTURES

- | | | | | | | | | |
|--|---|--|--|---|---|---|--|--|
| <p style="text-align: center;">①</p> <p>211+01.71 (51.60' RT)
DRAINAGE MANHOLE
W INV. 15.13' 14" x 23" RCP
S INV. 15.11' 14" x 23" RCP
E INV. 14.87' 15" RCP</p> | <p style="text-align: center;">②</p> <p>211+78.51 (28.35' LT)
DRAINAGE MANHOLE
W INV. 14.71' 14" x 23" RCP
S INV. 14.49' 15" RCP
E INV. 14.81' 18" RCP</p> | <p style="text-align: center;">③</p> <p>211+79.92 (40.36' RT)
DRAINAGE MANHOLE
N INV. 13.38' 15" RCP
W INV. 13.35' 15" RCP
S INV. 14.34' 18" RCP
E INV. 13.37' 24" RCP</p> | <p style="text-align: center;">④</p> <p>215+36.47 (41.72' RT)
DRAINAGE MANHOLE
W INV. 11.80 24" RCP
E INV. 11.69 24" RCP</p> | <p style="text-align: center;">⑤</p> <p>217+83.73 (25.55' RT)
DRAINAGE MANHOLE
N INV. 9.61 18" RCP
W INV. 9.02 30" RCP
S INV. 11.20 15" RCP
E INV. 8.91 30" RCP</p> | <p style="text-align: center;">⑥</p> <p>217+86.83 (58.40' RT)
CURB INLET
INV. 12.25 15" RCP</p> | <p style="text-align: center;">⑦</p> <p>219+83.17 (256.23' RT)
DRAINAGE MANHOLE
INV. 4.76 42" RCP</p> | <p style="text-align: center;">⑧</p> <p>220+15.52 (6.55' RT)
DRAINAGE MANHOLE
W INV. 7.68 30" RCP
S INV. 6.65 30" RCP</p> | <p style="text-align: center;">⑨</p> <p>220+32.25 (42.62' RT)
DRAINAGE MANHOLE
N INV. 6.29 30" RCP
S INV. 5.37 36" RCP
E INV. 5.47 42" RCP</p> |
| <p style="text-align: center;">⑩</p> <p>220+94.42 (6.78' RT)
DRAINAGE MANHOLE
SW INV. 5.65 36" RCP
E INV. 5.91 36" RCP
SW INV. 5.73 36" RCP</p> | <p style="text-align: center;">⑪</p> <p>222+57.68 (4.21' RT)
DRAINAGE MANHOLE
N INV. 8.37 15" RCP
NW INV. 12.82 6" RCP
W INV. 6.22 36" RCP
SE INV. 8.12 15" RCP
E INV. 6.62 36" RCP</p> | <p style="text-align: center;">⑫</p> <p>222+96.43 (33.08' RT)
CURB INLET
INV. 8.46 15" RCP</p> | <p style="text-align: center;">⑬</p> <p>223+47.02 (33.45' LT)
CURB INLET
INV. 9.32 15" RCP</p> | <p style="text-align: center;">⑭</p> <p>224+19.92 (33.69' LT)
CURB INLET
INV. 9.89 15" RCP</p> | <p style="text-align: center;">⑮</p> <p>224+19.92 (32.89' RT)
CURB INLET
INV. 8.87 15" RCP</p> | <p style="text-align: center;">⑯</p> <p>224+19.92 (4.21' LT)
DRAINAGE MANHOLE
N INV. 8.72 15" RCP
S INV. 8.24 15" RCP
W INV. 11.29 6" RCP
W INV. 7.51 36" RCP
E INV. 11.82 6" RCP
E INV. 7.47 30" RCP</p> | <p style="text-align: center;">⑰</p> <p>53+31.29 (38.01' RT)
DRAINAGE MANHOLE
N INV. 7.79 18" RCP
S INV. 7.71 18" RCP
E INV. 10.49 12" DROP PIPE</p> | <p style="text-align: center;">⑱</p> <p>53+30.87 (43.40' RT)
STEEL GRATE
E INV. 10.65 12" DROP PIPE</p> |
| <p style="text-align: center;">⑲</p> <p>54+77.18 (34.86' LT)
CURB INLET
INV. 11.56 15" RCP</p> | <p style="text-align: center;">⑳</p> <p>57+13.64 (42.29' LT)
STEEL GUTTER INLET
INV. 13.24 15" RCP</p> | <p style="text-align: center;">㉑</p> <p>57+34.93 (34.61' LT)
CURB INLET
S INV. 13.27 15" RCP
E INV. 15.90 15" RCP</p> | <p style="text-align: center;">㉒</p> <p>59+68.06 (36.27' RT)
DRAINAGE MANHOLE
N INV. 12.25 18" RCP
W INV. 13.57 15" RCP
S INV. 12.17 18" RCP
NE INV. 15.01 15" RCP</p> | <p style="text-align: center;">㉓</p> <p>59+81.69 (36.49' LT)
CURB INLET
INV. 13.39 15" RCP</p> | <p style="text-align: center;">㉔</p> <p>66+43.81 (88.03' LT)
MES
INV. 15.52 18" CMP</p> | <p style="text-align: center;">㉕</p> <p>67+37.32 (50.36' RT)
STEEL GRATE
INV. 15.83 15" RCP</p> | <p style="text-align: center;">㉖</p> <p>67+36.46 (87.63' LT)
MES
INV. 14.88 18" CMP</p> | <p style="text-align: center;">㉗</p> <p>67+96.57 (51.96' RT)
MES
INV. 15.81 15" RCP</p> |
| <p style="text-align: center;">㉘</p> <p>68+29.94 (88.97' LT)
ENDWALL
INV. 14.66 24" X 38" RCP</p> | <p style="text-align: center;">㉙</p> <p>68+27.70 (53.22' RT)
MES
INV. 16.25 18" RCP</p> | <p style="text-align: center;">㉚</p> <p>68+39.23 (51.58' LT)
DRAINAGE MANHOLE
N INV. 14.62 24" X 38" RCP
W INV. 14.66 24" X 38" RCP</p> | <p style="text-align: center;">㉛</p> <p>68+56.90 (61.34' LT)
CATCH BASIN
INV. 14.86 18" RCP</p> | <p style="text-align: center;">㉜</p> <p>68+57.67 (53.85' LT)
DRAINAGE MANHOLE
N INV. 14.79 24" X 38" RCP
W INV. 14.71 18" RCP
S INV. 14.71 24" X 38" RCP</p> | <p style="text-align: center;">㉝</p> <p>70+14.58 (54.11' LT)
DRAINAGE MANHOLE
N INV. 14.9 24" X 38" RCP
W INV. 15.02 18" RCP
S INV. 15.03 24" X 38" RCP</p> | <p style="text-align: center;">㉞</p> <p>71+00.35 (49.21' LT)
DRAINAGE MANHOLE
W INV. 15.29 18" RCP
S INV. 15.24 24" X 38" RCP
E INV. 15.32 24" X 38" RCP</p> | | |

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

*NOTE:
ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST



TYPICAL SECTION 1
SR 292
STA. 200+81.61 TO STA. 206+33.81

TRAFFIC DATA

CURRENT YEAR = 2010 AADT = 24,500
ESTIMATED OPENING YEAR = 2017 AADT = 26,000
ESTIMATED DESIGN YEAR = 2037 AADT = 25,900
K = 9.4% D = 55.6% T = 3.0% (24 HOUR)
DESIGN SPEED = 40 MPH
DESIGN CLEAR ZONE = 18'

NOTE: THE DESIGN CLEAR ZONE DOES NOT APPLY TO CLEAR ZONE WIDTHS FOR WORK ZONES.

WIDENING

OPTIONAL BASE GROUP 9, TYPE B-12.5 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C)
(PG 76-22) (PMA) (2.5")
FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

SHOULDER WIDENING

OPTIONAL BASE GROUP 1, TYPE B-12.5 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C)
(PG 76-22) (PMA) (1.5")
FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (2.5")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C)
(PG 76-22) (PMA) (1.5")
AND FRICTION COURSE FC-9.5
(TRAFFIC C) (PG 76-22) (PMA) (1")

SHOULDER MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

SHOULDER PAVEMENT RESURFACING

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

OVERBUILD FOR SLOPE

TYPE SP OVERBUILD (TRAFFIC C)
(PG 76-22) (PMA)
THICKNESS VARIES (0.6" TO 6.5")

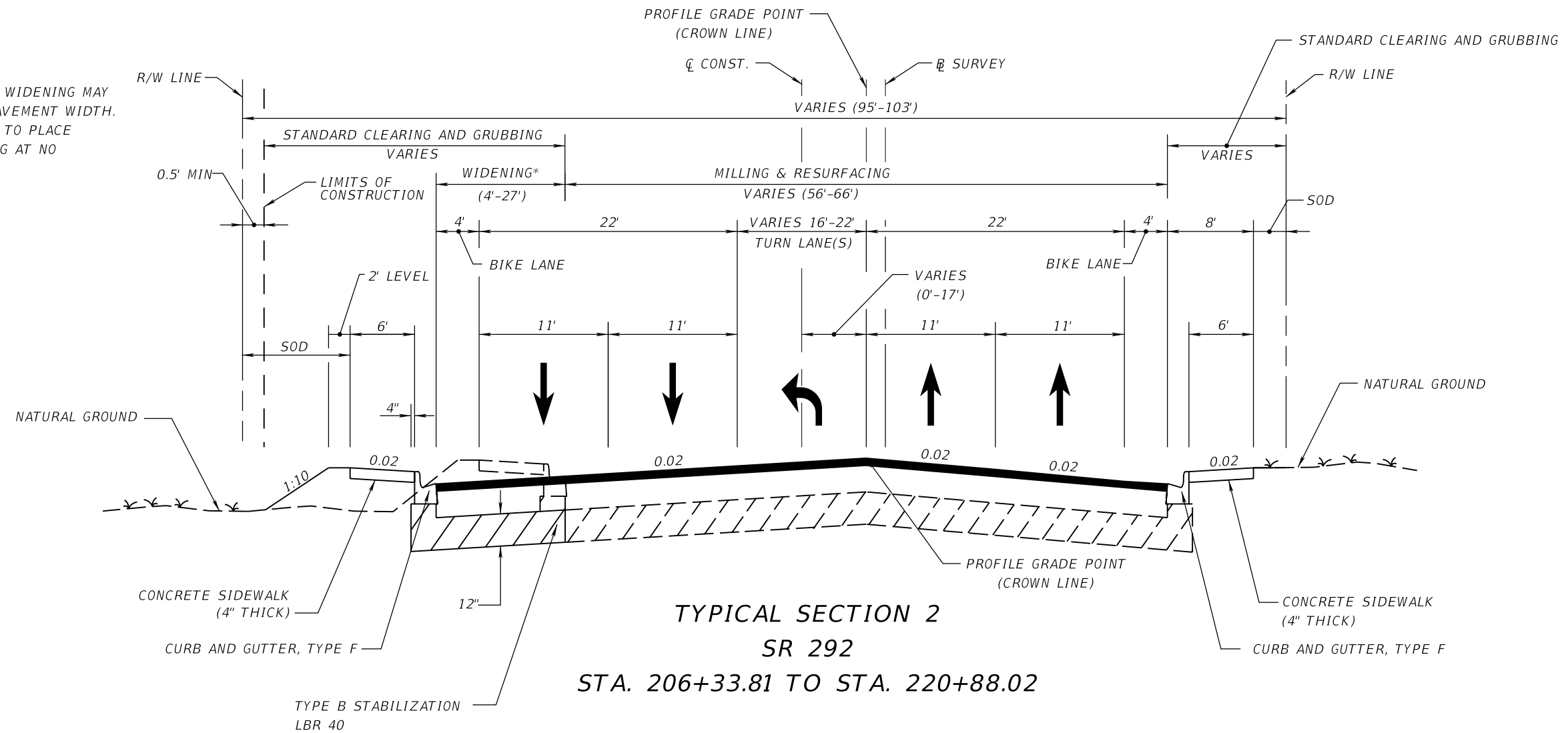
NOTE: PAVEMENT DESIGN IS PENDING FORMAL APPROVAL.

MILLING NOTES (ALL TYPICALS)

- IF ANY EXISTING CURB & GUTTER IS DAMAGED DURING MILLING, OR AT ANY TIME, IT WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- MILLING DUST OR DEBRIS SHALL NOT BE DEPOSITED ON PERVIOUS SURFACES.
- THE CONTRACTOR SHALL PROVIDE POSITIVE SUITABLE DRAINAGE OF THE REMAINING PAVEMENT AFTER MILLING. THIS OPERATION SHALL BE DONE DURING THE SAME DAY AS MILLING.
- MILLING OPERATION IN TRAVEL LANES ARE RESTRICTED TO ONLY THAT AREA WHICH CAN BE MILLED AND RESURFACED WITHIN THE SAME WORK OPERATION AND PRIOR TO OPENING TRAFFIC.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

*NOTE:
 ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH.
 CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST



TYPICAL SECTION 2
SR 292
STA. 206+33.81 TO STA. 220+88.02

MILLING (MAINLINE AND 2ND. ST.)

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2.5")

RESURFACING (MAINLINE AND 2ND. ST.)

TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (1.5")
 AND FRICTION COURSE FC-9.5
 (TRAFFIC C) (PG 76-22) (PMA) (1")

WIDENING

OPTIONAL BASE GROUP 9, TYPE B-12.5 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (2.5")
 FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

OVERBUILD FOR SLOPE

TYPE SP OVERBUILD (TRAFFIC C)
 (PG 76-22) (PMA)
 THICKNESS VARIES (2.6" TO 5.7")

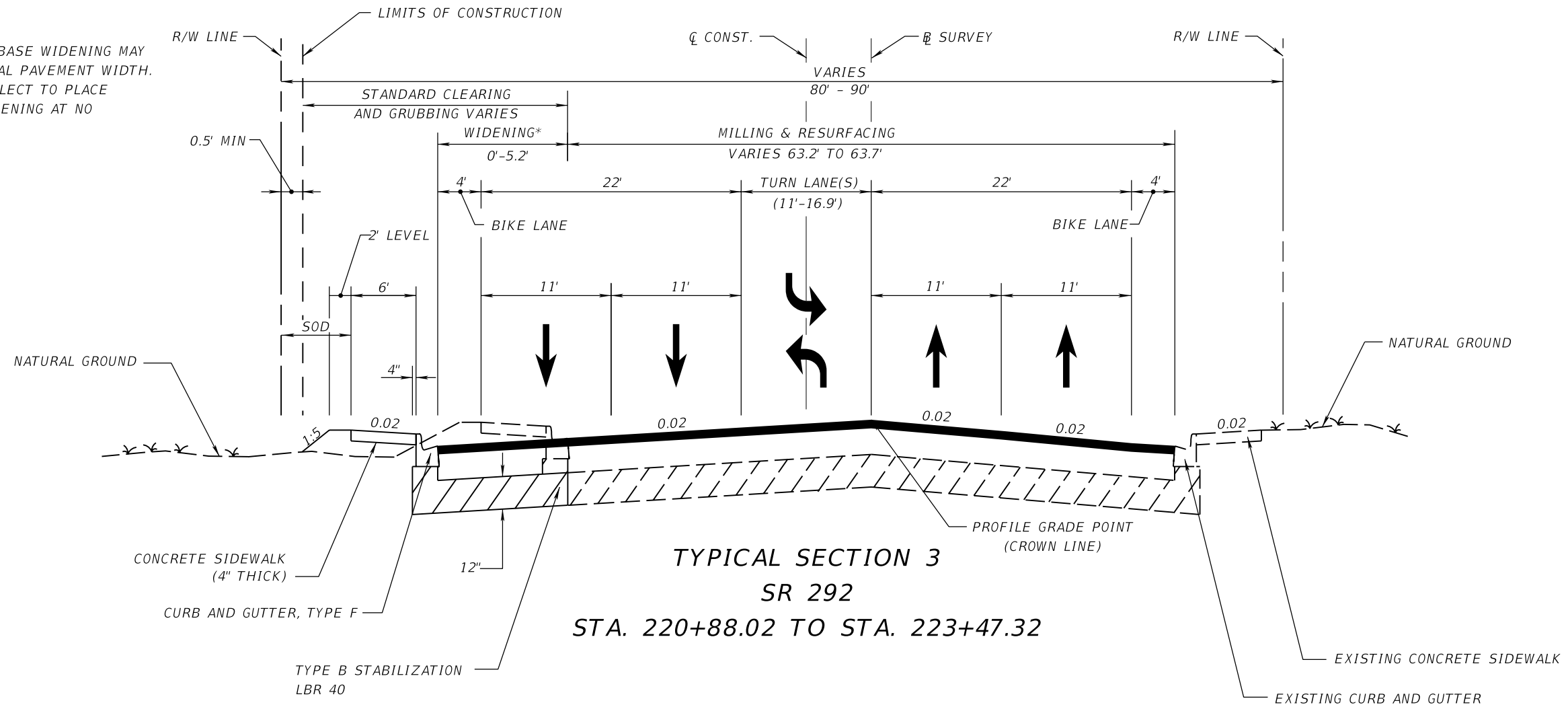
TRAFFIC DATA

CURRENT YEAR = 2010 AADT = 24,500
 ESTIMATED OPENING YEAR = 2017 AADT = 26,000
 ESTIMATED DESIGN YEAR = 2037 AADT = 25,900
 K = 9.4% D = 55.6% T = 3.0% (24 HOUR)
 DESIGN SPEED = 40 MPH
 DESIGN CLEAR ZONE = 18'

NOTE: THE DESIGN CLEAR ZONE DOES NOT APPLY TO CLEAR ZONE WIDTHS FOR WORK ZONES.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET NO. 9
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 292		ESCAMBIA	409792-7-52-01		

*NOTE:
 ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST



**TYPICAL SECTION 3
 SR 292
 STA. 220+88.02 TO STA. 223+47.32**

TRAFFIC DATA
 CURRENT YEAR = 2010 AADT = 24,500
 ESTIMATED OPENING YEAR = 2017 AADT = 26,000
 ESTIMATED DESIGN YEAR = 2037 AADT = 25,900
 K = 9.4% D = 55.6% T = 3.0% (24 HOUR)
 DESIGN SPEED = 40 MPH
 DESIGN CLEAR ZONE = 18'

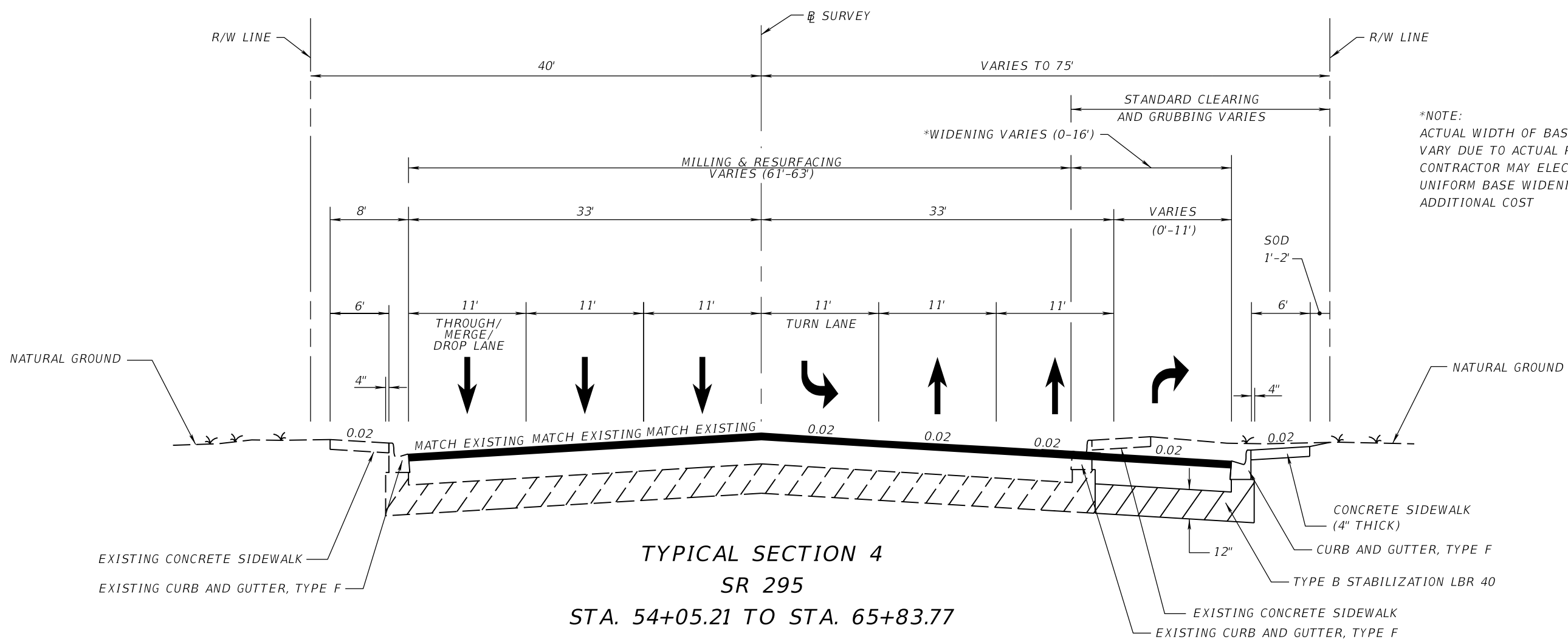
NOTE: THE DESIGN CLEAR ZONE DOES NOT APPLY TO CLEAR ZONE WIDTHS FOR WORK ZONES.

- MILLING**
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2.5")
- RESURFACING**
 TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (1.5")
 AND FRICTION COURSE FC-9.5
 (TRAFFIC C) (PG 76-22) (PMA) (1")
- WIDENING**
 OPTIONAL BASE GROUP 9, TYPE B-12.5 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (2.5")
 FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")
- OVERBUILD FOR SLOPE**
 TYPE SP OVERBUILD (TRAFFIC C)
 (PG 76-22) (PMA)
 THICKNESS VARIES (2.3" TO 3.5")

- SIDE STREET TURNOUT MILLING**
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1")
- SIDE STREET TURNOUT RESURFACING**
 FRICTION COURSE FC-9.5
 (TRAFFIC C) (PG 76-22) (PMA) (1")

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET NO. 10
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 292		ESCAMBIA	409792-7-52-01		

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***NOTE:**
ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST

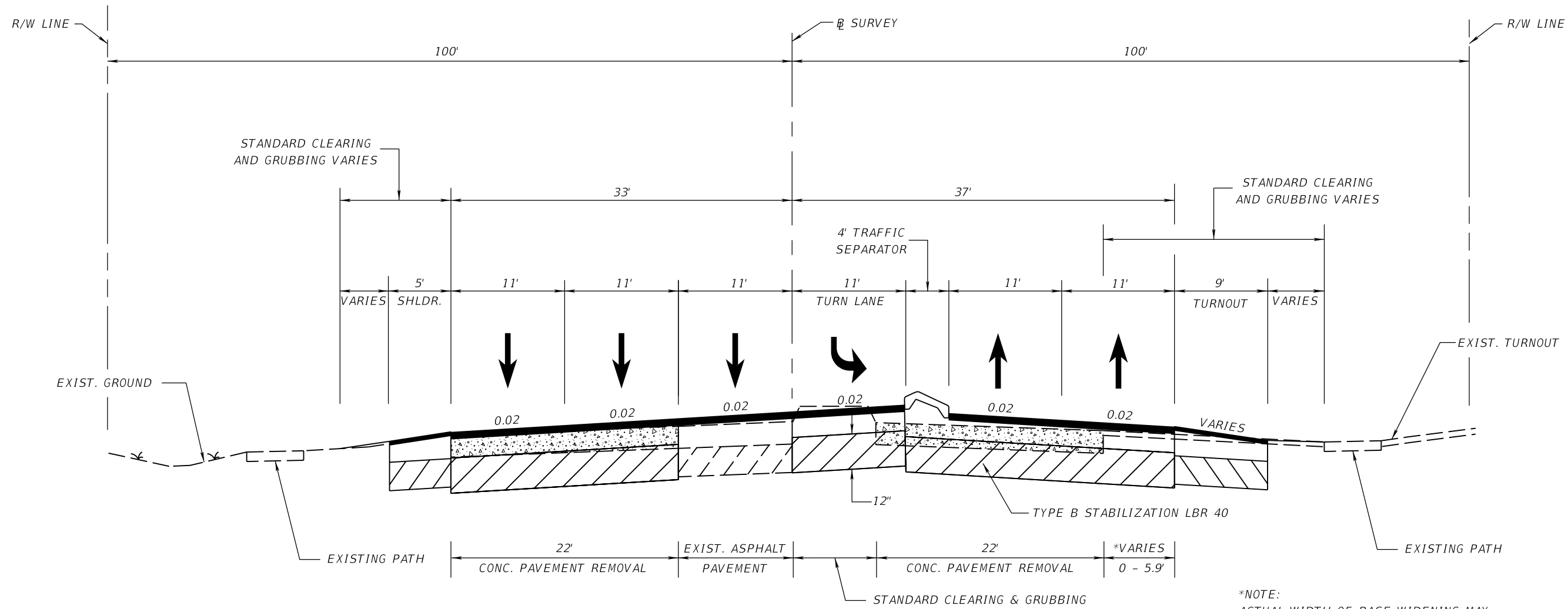
**TYPICAL SECTION 4
SR 295
STA. 54+05.21 TO STA. 65+83.77**

- MILLING (MAINLINE AND WINTHROP AVE.)**
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2.5")
- RESURFACING (MAINLINE AND WINTHROP AVE.)**
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (PMA) (1.5")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")
- WIDENING**
OPTIONAL BASE GROUP 9, TYPE B-12.5 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (PMA) (3.5")
FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")
- OVERBUILD FOR SLOPE**
TYPE SP OVERBUILD (TRAFFIC C) (PG 76-22) (PMA)
THICKNESS VARIES (2.7" TO 5.4")

- SIDE STREET TURNOUT MILLING**
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1")
- SIDE STREET TURNOUT RESURFACING**
FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET NO. 11
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 292		ESCAMBIA	409792-7-52-01		

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TYPICAL SECTION 5
SR 295
STA. 65+83.77 TO STA. 69+34.81

*NOTE:
 ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH.
 CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST

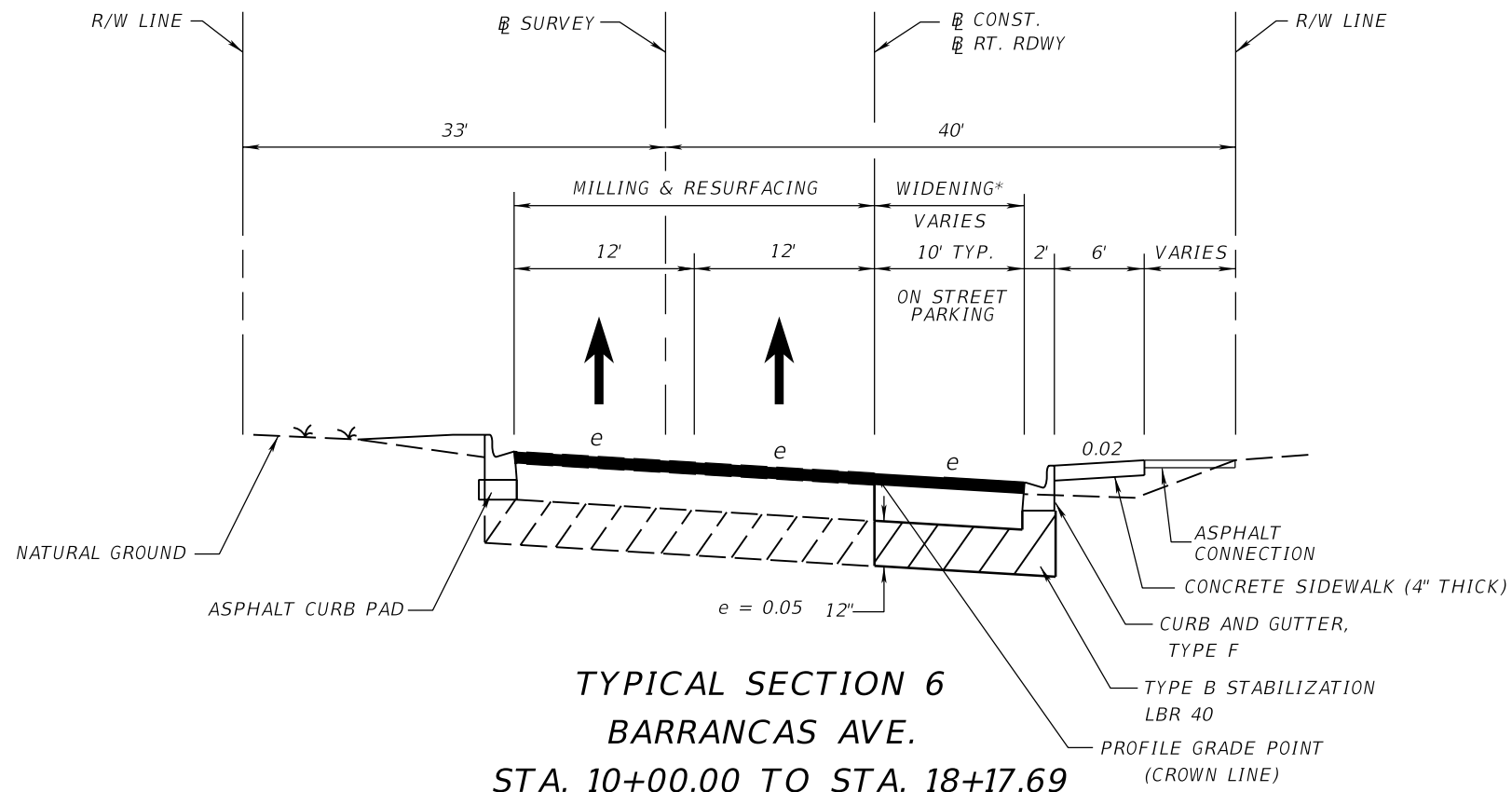
- WIDENING**
- OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (3.5")
 FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")
- SHOULDER WIDENING**
- OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (1.5")
 FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

- MILLING**
- MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (2.5")
- RESURFACING**
- TYPE SP STRUCTURAL COURSE (TRAFFIC C)
 (PG 76-22) (PMA) (1.5")
 AND FRICTION COURSE FC-9.5
 (TRAFFIC C) (PG 76-22) (PMA) (1")

- OVERBUILD FOR SLOPE**
- TYPE SP OVERBUILD (TRAFFIC C)
 (PG 76-22) (PMA)
 THICKNESS VARIES (2.7" TO 5.4")

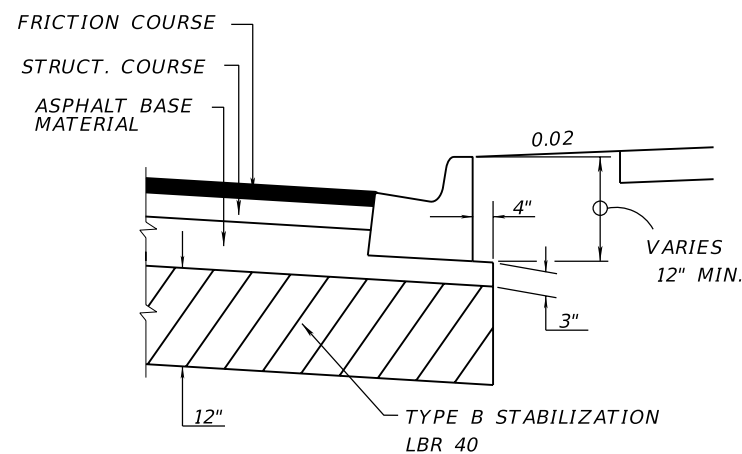
REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

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*NOTE:
ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST

**TYPICAL SECTION 6
BARRANCAS AVE.
STA. 10+00.00 TO STA. 18+17.69**

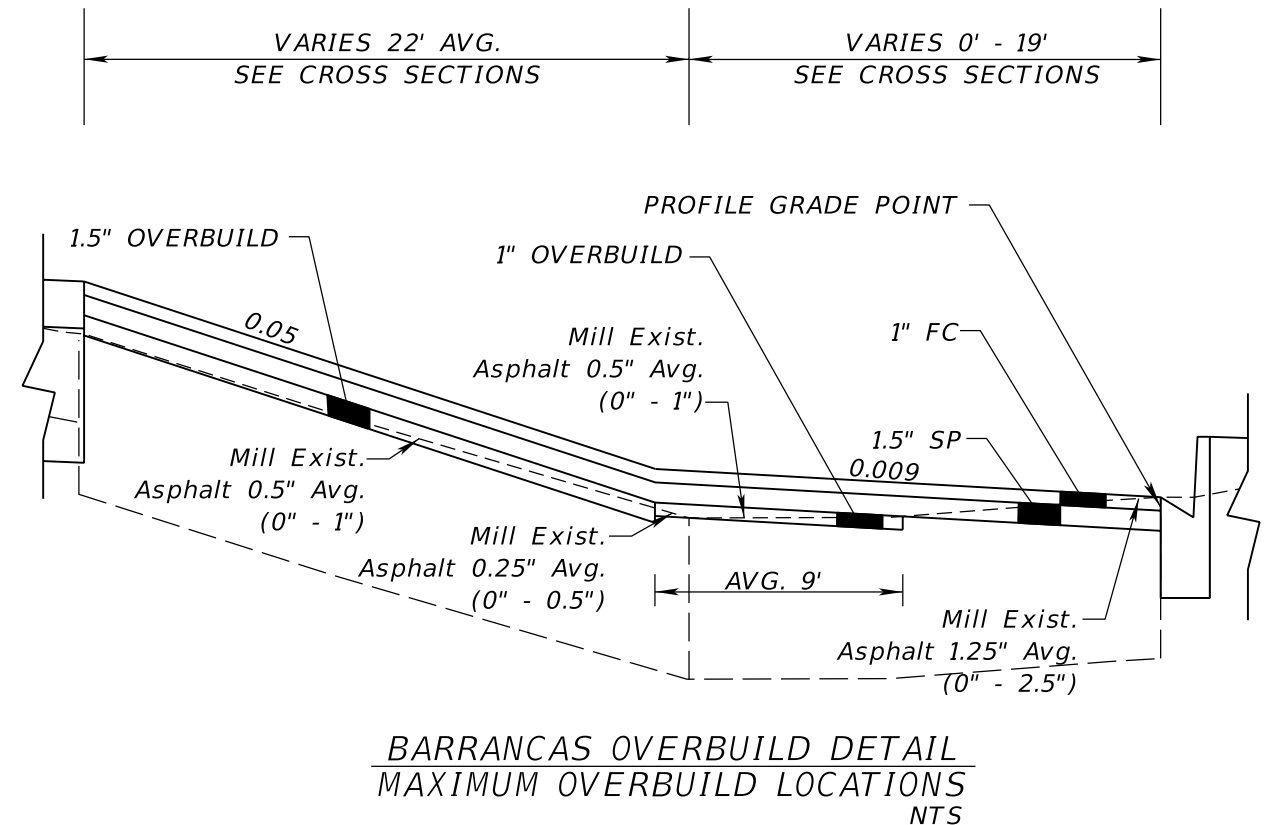
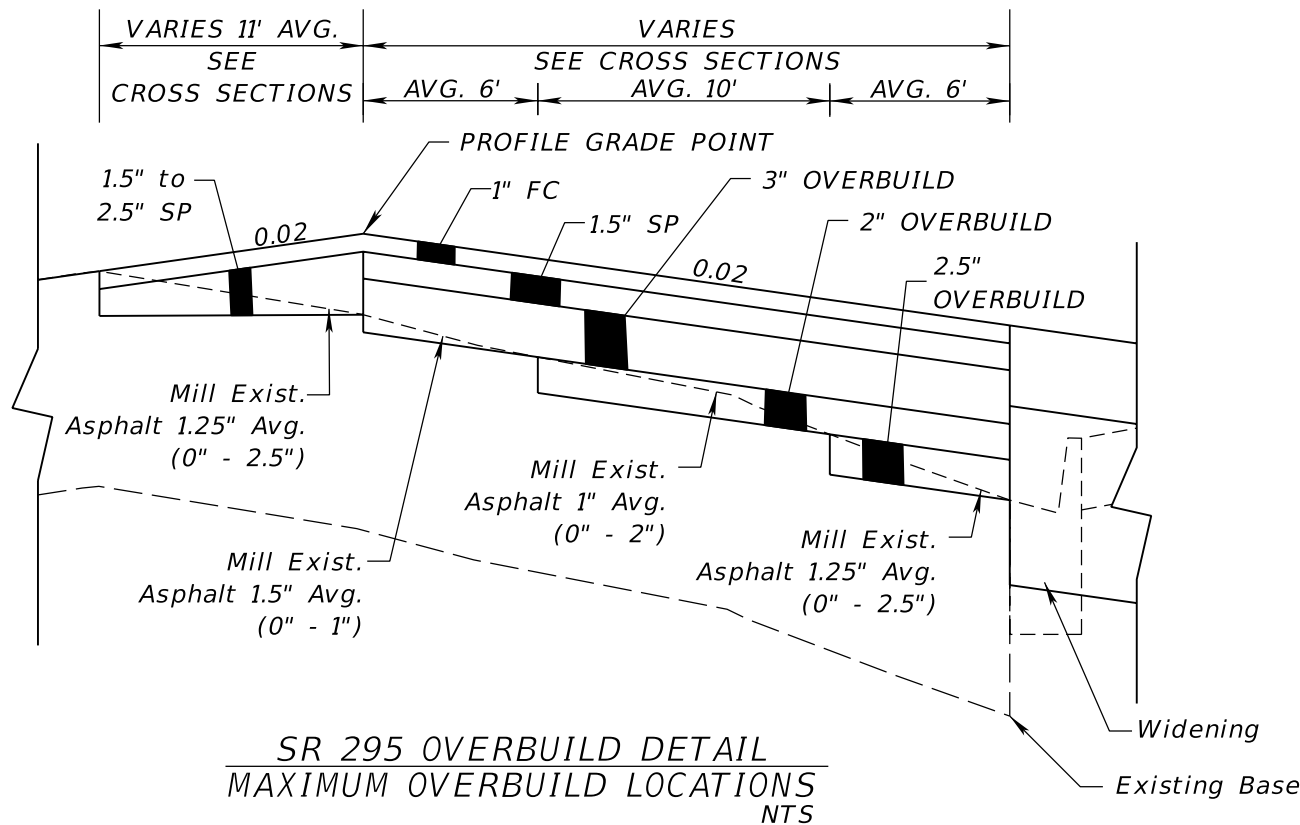
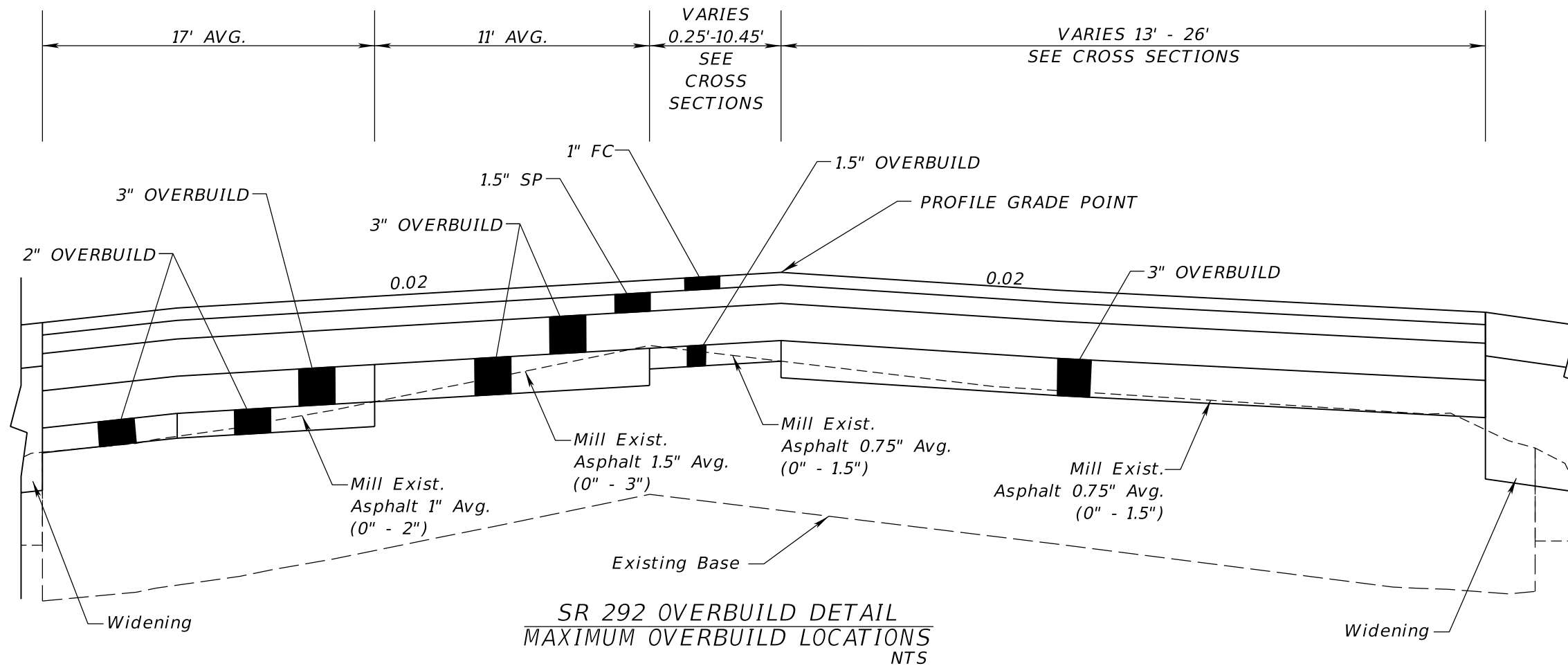


DETAIL OF ASPHALT BASE CURB PAD
NOTE: APPLIES TO TYPICALS 2,3,4 AND 6

- MILLING**
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2.5")
- RESURFACING**
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (PMA) (1.5")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")
- WIDENING**
OPTIONAL BASE GROUP 9, TYPE B-12.5 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (PMA) (2.5")
FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

- SIDE STREET TURNOUT MILLING**
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1")
- SIDE STREET TURNOUT RESURFACING**
FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (PMA) (1")

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 292	ESCAMBIA		409792-7-52-01



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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**TYPICAL SECTION
DETAILS**

SHEET NO.
14

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

SUMMARY OF PERFORMANCE TURF-SOD

LOCATION STA. TO STA.	SIDE	P			F			FIELD BOOK REFERENCE
		L	W	SY	L	W	SY	
200+81.61 to 203+22.80	LT			286.0				
200+81.61 to 201+01.21	LT			35.8				
200+81.61 to 201+00.20	RT			18.3				
200+81.61 to 203+20.88	RT			89.4				
201+05.05 to 203+17.25	RT			236.4				
201+05.86 to 203+16.07	LT			272.2				
203+50.70 to 205+12.60	RT			80.9				
203+52.55 to 206+23.89	LT			199.2				
203+54.54 to 206+11.90	RT			230.5				
203+61.76 to 206+08.41	LT			154.4				
205+85.03 to 206+15.32	RT			44.0				
206+43.61 to 207+43.23	RT			68.5				
206+47.26 to 206+63.99	LT			18.9				
214+15.61 to 215+21.09	RT			47.8				
214+41.29 to 216+55.17	LT			129.5				
65+35.30 to 65+87.77	LT			37.0				
65+48.59 to 66+85.78	LT			117.3				
67+16.14 to 68+43.76	LT			93.0				
68+07.59 to 68+32.69	RT			5.6				
69+13.18 to 69+34.81	RT			5.5				
TOTAL:				2170				

PAY ITEM NOTES

- 102-2 This pay item includes 34 TN of temporary asphalt for traffic control Phase IV.
- 110- 1- 1 This pay item includes concrete removal required for widening, turnout construction and side walk construction except for concrete pavement removed on SR 295 (travel lanes). Also includes payment for adjusting irrigation systems.
- 110- 4- This pay item is only for concrete pavement removal on SR 295 travel lanes that is shown on Typical Section 6.
- 334- 1- 13 Includes variable depth milling per the overbuild details.
- 520-1-7 Cost of asphalt curb pad and additional curb thickness required to be included in the cost of curb and gutter.
- 639- 2- 1 Payment shall be based on the linear feet of a single conductor.
- 710-11- Items are based on two applications (2 Lifts of Structural Course) of paint based on final surface quantities.

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	2787	
BORROW EXCAVATION	634	
SHRINKAGE (35%)	222	
SUBTOTAL	856	
TRUCK ADJUSTMENT (20%)	171	
TOTAL BORROW EXCAVATION	1027	

Earthwork has been calculated using the limerock base option.
See Typical Sections for base type requirements.

SUMMARY OF GRAVITY WALL & ALUMINUM HANDRAIL

LOCATION STA. TO STA.	SIDE	CLASS I CONCRETE		ALUMINUM HANDRAIL		REMARKS	FIELD BOOK REFERENCE
		CY		LF			
		P	F	P	F		
206+63.79 - 208+44.33	LT	32.6		181.0		AVG 2.5' Height	
63+99.00 - 64+09.00	LT			10.0			
TOTAL:		32.6		191.0			

SUMMARY OF TEMPORARY SIGNALIZATION

PHASE	DURATION DAYS	102-104 Temp Signals & Maintenance, Per Intersection - Each Day						102-107-1 Temp Detection & Maintenance, Per Intersection - Each Day									
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW						
		#	P	F	#	P	F	#	P	F	#	P	F				
ALL	300	3	900							3	900						
Subtotal	300	ED	900							ED	900						
Total - Prelim.		ED	900							ED	900						
Total - Final		ED								ED							

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
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2616 JENKS AVENUE
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CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

SUMMARY OF QUANTITIES

SHEET NO.

15

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SUMMARY OF INLET PROTECTION

LOCATION		SIDE	INLET PROTECTION		REMARKS	FIELD BOOK REFERENCE
STATION	OFFSET		EA			
			P	F		
205+93.71	33.67	RT	1.0			
206+81.19	38.16	RT	1.0			
208+35.65	38.42	LT	1.0			
208+89.58	38.00	RT	1.0			
210+46.01	43.58	LT	1.0			
210+65.76	45.24	RT	1.0			
210+65.76	47.63	RT	1.0			
210+74.82	27.00	LT	1.0			
211+97.31	43.73	RT	1.0			
212+22.88	35.27	LT	1.0			
212+29.97	42.40	LT	1.0			
212+29.97	41.35	RT	1.0			
212+91.96	34.50	LT	1.0			
212+91.38	42.35	LT	1.0			
214+72.41	34.60	LT	1.0			
214+72.41	42.55	LT	1.0			
215+90.53	20.01	LT	1.0			
215+82.31	45.99	LT	1.0			
215+90.63	42.50	LT	1.0			
215+98.82	26.30	LT	1.0			
216+40.62	39.35	RT	1.0			
216+40.62	51.53	RT	1.0			
217+40.37	11.82	LT	1.0			
217+40.37	20.88	LT	1.0			
217+40.37	39.77	LT	1.0			
217+44.96	42.80	LT	1.0			
217+86.45	58.32	RT	1.0			
222+63.08	32.88	LT	1.0			
222+70.61	32.88	LT	1.0			
222+96.42	33.08	RT	1.0			
223+32.48	32.48	LT	1.0			
54+74.58	37.51	RT	2.0			
54+76.88	31.89	LT	1.0			
56+61.08	74.00	RT	1.0			
56+67.70	46.72	RT	1.0			
56+87.90	69.20	RT	1.0			
56+92.91	45.71	RT	1.0			
57+12.69	42.77	LT	1.0			
57+17.20	37.05	RT	1.0			
57+17.20	51.86	RT	1.0			
57+34.95	34.63	LT	1.0			
58+92.67	51.52	RT	1.0			
59+81.68	36.49	LT	1.0			
60+72.88	63.60	RT	1.0			
61+46.69	90.91	RT	1.0			
64+03.89	35.46	LT	2.0			
64+03.89	36.50	RT	1.0			
64+03.89	41.41	RT	1.0			
65+61.90	37.47	LT	1.0			
65+72.69	36.99	LT	1.0			

SUMMARY OF INLET PROTECTION

LOCATION		SIDE	INLET PROTECTION		REMARKS	FIELD BOOK REFERENCE
STATION	OFFSET		EA			
			P	F		
67+37.91	50.74	RT	1.0			
68+57.09	60.23	LT	1.0			
69+24.42	55.11	RT	1.0			
13+62.08	14.57	RT	1.0			
13+89.87	6.10	RT	1.0			
14+71.66	6.10	RT	1.0			
14+86.90	6.02	RT	1.0			
16.73.38	1.5	RT	2.0			
17+98.49	10.05	RT	1.0			
TOTAL:			62.0			

SUMMARY OF SEDIMENT BARRIER

LOCATION		SIDE	SEDIMENT BARRIER		REMARKS	FIELD BOOK REFERENCE
STA. TO STA.	OFFSET		LF			
			P	F		
557+23 to 559+57	46	LT	234.0		SR 292	
557+23 to 559+57	32	RT	234.0		SR 292	
560+00 to 562+50	61	LT	250.0		SR 292	
560+00 to 562+51	32	RT	251.0		SR 292	
562+96 to 563+85	32	RT	89.0		SR 292	
563+00 to 564+97	63	LT	197.0		SR 292	
564+00 to 564+18	32	RT	18.0		SR 292	
565+37 to 566+43	63	LT	106.0		SR 292	
566+63 to 567+00	67	LT	37.0		SR 292	
114+08 to 115+12	59	LT	104.0		SR 292	
114+40 to 116+43	35	RT	203.0		SR 292	
65+37 to 65+88	78	LT	51.0		SR 295	
65+88 to 66+75	54	LT	87.0		SR 295	
67+88 to 68+50	54	LT	62.0		SR 295	
68+00 to 68+37	44	RT	37.0		SR 295	
TOTAL:			1960.0			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

SUMMARY OF QUANTITIES

SHEET NO.

16

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

SUMMARY OF MISCELLANEOUS ASPHALT					
LOCATION	SIDE	OTHER		REMARKS	
STA. TO STA.		THICK (IN)	SY		
			P		F
211+80.92 to 212+35.61	LT	2.00	56.0		
212+35.58 to 213+99.97	LT	2.00	91.9		
215+22.82 to 218+12.97	LT	2.00	483.7		
219+37.90 to 221+72.81	LT	2.00	189.9		
11+43.08 to 12+03.62	RT	2.00	77.1		
12+09.57 to 14+03.67	RT	2.00	211.3		
TOTAL			1110.0		

SUMMARY OF MANHOLES AND VALVE COVERS TO BE ADJUSTED								
STATION	SIDE	UTILITY OWNER	MANHOLE ADJUST		MANHOLE UTILITY ADJUST		VALVE ADJUST	
			P	F	P	F	P	F
213+64.24	LT	ECUA SANITARY SEWER			1			
219+38.24	LT	ECUA SANITARY SEWER			1			
210+93.77	LT	FDOT STORM SEWER	1					
211+01.71	RT	FDOT STORM SEWER	1					
211+78.41	LT	FDOT STORM SEWER	1					
211+79.92	RT	FDOT STORM SEWER	1					
215+36.47	RT	FDOT STORM SEWER	1					
217+83.70	RT	FDOT STORM SEWER	1					
220+15.52	RT	FDOT STORM SEWER	1					
220+94.42	RT	FDOT STORM SEWER	1					
222+57.60	RT	FDOT STORM SEWER	1					
56+92.96	RT	FDOT STORM SEWER	1					
59+68.06	RT	FDOT STORM SEWER	1					
210+93.00	LT	NAVY PUBLIC WORKS			1			
210+96.00	LT	NAVY PUBLIC WORKS			1			
17+76.92	RT	NAVY PUBLIC WORKS			1			
17+80.58	RT	NAVY PUBLIC WORKS			1			
219+85.00	RT	THE PEOPLES WATER SERVICE					1	
14+25.00	RT	THE PEOPLES WATER SERVICE					1	
17+31.00	LT	THE PEOPLES WATER SERVICE					1	
17+72.00	RT	THE PEOPLES WATER SERVICE					1	
TOTAL			11		6		4	

SUMMARY OF LITTER REMOVAL AND MOWING									
CONST. PHASE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL			MOWING			REMARKS
			CYCLES	AREA		CYCLES	AREA		
				AC/CYCLE	TOTAL (AC)		AC/CYCLE	TOTAL (AC)	
			10	4	40	10	1	10	
TOTAL				P	40	TOTAL	P	10	
				F			F		

CROSS SLOPE CORRECTION ON TANGENT ROADWAY					
CROSS SLOPE (EXISTING)		STATION - STATION	LENGTH	AVGERAGE THICKNESS	ESTIMATED CORRECTION
LT/Rdwy	RT/Rdwy			OF OVERBUILD LAYER	
3.20%	1.50%	200+81.61 - 211+00.00	1018	3.75"	1163
3.97%	4.38%	211+50.00 - 222+50.00	1100	2.79"	1241
-	3.17%	54+50.00 - 64+00.00	950	1.72"	425
5.00%	-	11+50.00 - 17+50.00	600	2.71"	152
				TOTAL	2829

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

SUMMARY OF QUANTITIES

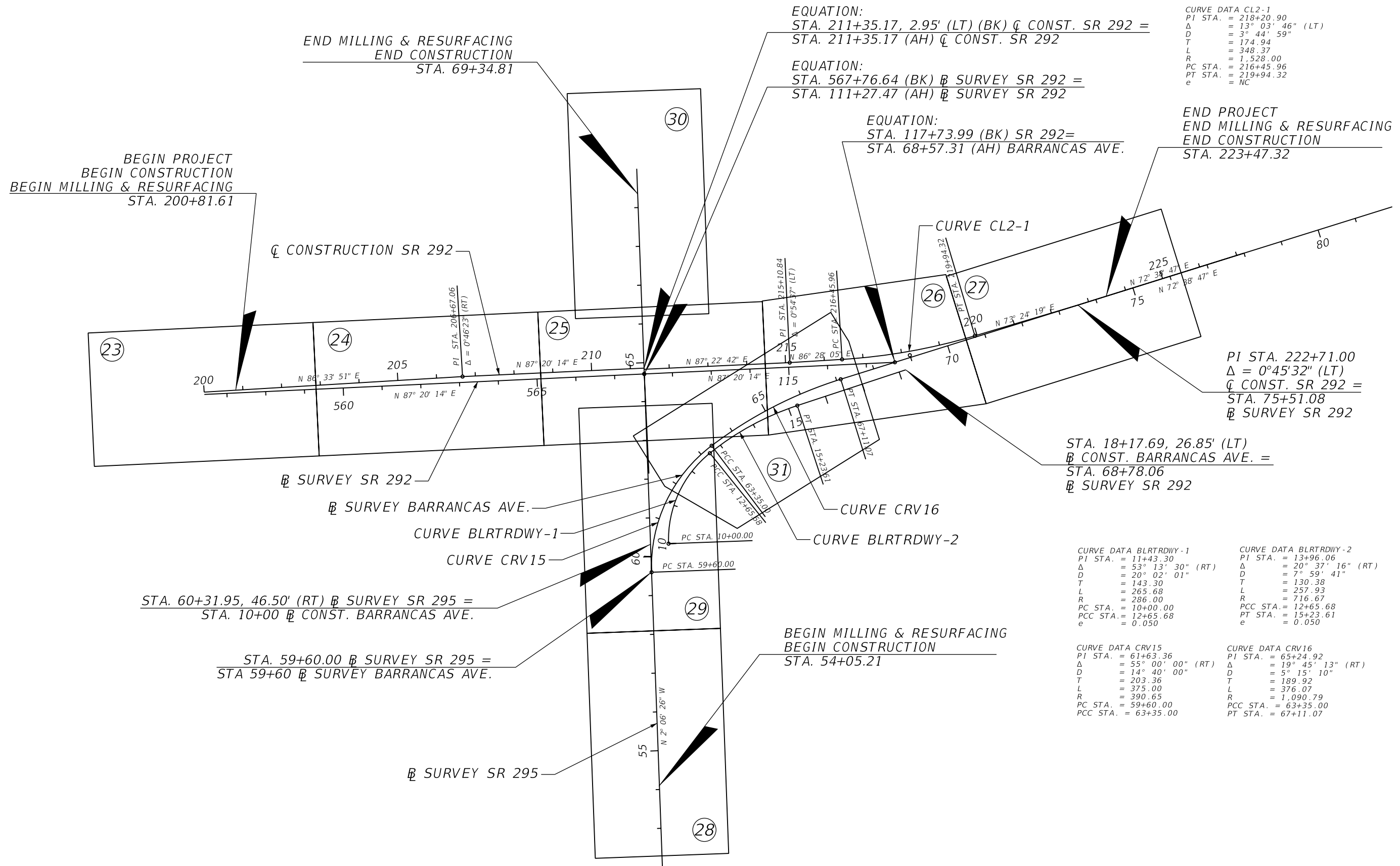
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QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL TYPE			CURB INLETS									DBI - TYPE C	DBI - TYPE C MOD, PARTIAL	MANHOLE TYPE 8	MANHOLE TYPE 8, PARTIAL	JUNCTION BOX PARTIAL	GUTTER INLET TYPE V	REMARKS
						18"	14" X 23"	24"	P-1	J-1	P-2	J-2	P-4	P-5	J-5	P-6	P-9							
P	S-1	205+93.71	RT	NEW INLET, PIPE			85										1						3.5' x 7' BOTTOM	
F																								
P	S-1A	205+87.50	LT	NEW INLET, PIPE	245												1							
F																								
P	S-2	206+81.19	RT	NEW INLET, PIPE	204				1															
F																								
P	S-3	208+35.65	LT	NEW INLET, PIPE	204																			
F																								
P	S-4	208+89.58	RT	NEW INLET, PIPE	172																			
F																								
P	S-5	210+43.01	LT	NEW INLET, PIPE	31																			
F																								
P	S-5A	65+57.98 @ 295	LT	NEW MANHOLE, PIPE			53												1					
F																								
P	S-6	210+65.76	RT	NEW INLET					1														3.5' x 6' BOTTOM	
F																								
P	S-7	210+74.83	LT	REMOVE INLET AND PIPE																				
F																								
P	S-8	210+93.75	LT	EXISTING MANHOLE																			PLUG 14"x23" PIPE FROM S-7. ADD NEW 18" PIPE FROM S-4B	
F																								
P	S-9	211+97.31	RT	REMOVE INLET																			PLUG 18" PIPE GOING FROM S-9 TO 24" MAINLINE	
F																								
P	S-10	212+22.88	LT	NEW MANHOLE TOP																			1	
F																								
P	S-11	212+41.27	RT	NEW INLET								1											3.5' x 6' BOTTOM	
F																								
P	S-12	212+68.64	LT	NEW INLET AND PIPE	45						1													
F																								
P	S-13	212+91.96	LT	REMOVE INLET AND PIPE																				
F																								
P	S-14	214+72.41	LT	NEW INLET AND PIPE	5				1															
F																								
P	S-15	214+72.41	LT	NEW MANHOLE TOP																			1	
F																								
P	S-16	215+82.31	LT	NEW INLET AND PIPE	6																		1	
F																								
P	S-17	215+90.53	LT	NEW INLET AND PIPE	144				1															
F																								
P	S-18	215+98.58	LT	REMOVE INLET AND PIPE																			REMOVE PIPE FROM S-18 TO S-24	
F																								
P	S-19	215+90.53	LT	NEW MANHOLE TOP AND PIPE	23																		1	
F																							PLUG PIPE FROM S-19 TO S-18	
P	S-20	216+40.62	RT	NEW INLET, PIPE	9																			
F																								
P	S-21	216+40.62	RT	NEW MANHOLE																			1	
F																							J BOTTOM - 5' ROUND	
P	S-22	217+40.37	LT	NEW INLET, PIPE	25																			
F																								
P	S-23	217+44.96	LT	NEW INLET AND PIPE	4																		1	
F																								
P	S-24	217+40.37	LT	REMOVE INLET AND PIPE																				
F																								
P	S-25	217+40.37	LT	NEW MANHOLE TOP																			1	
F																								
P	S-26	222+63.08	LT	NEW INLET AND PIPE	4																		1	
F																								
P	S-27	222+70.61	LT	PARTIAL JUNCTION BOX																			1	
F																								
P	S-28	54+74.58 @ 295	RT	NEW INLET																			1	
F																							5' x 4' BOTTOM	
P	S-29	56+61.08 @ 295	RT	NEW INLET AND PIPE	24																			
F																								
P	S-30	56+66.93 @ 295	RT	REMOVE INLET AND PIPE																				
F																								
P	S-31	56+87.90 @ 295	RT	NEW INLET, PIPE	31																			
F																								

SHEET TOTALS -		PLAN QUANTITY	1176	138	0	3	1	2	1	0	6	1	1	2	2	0	2	4	1	0		
		FINAL QUANTITY																				

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES			SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID						
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CURVE DATA CL2-1
 PI STA. = 218+20.90
 $\Delta = 13^{\circ} 03' 46''$ (LT)
 D = 3° 44' 59"
 T = 174.94
 L = 348.37
 R = 1,528.00
 PC STA. = 216+45.96
 PT STA. = 219+94.32
 e = NC

CURVE DATA BLRTRDWAY-1
 PI STA. = 11+43.30
 $\Delta = 53^{\circ} 13' 30''$ (RT)
 D = 20° 02' 01"
 T = 143.30
 L = 265.68
 R = 286.00
 PC STA. = 10+00.00
 PCC STA. = 12+65.68
 e = 0.050

CURVE DATA BLRTRDWAY-2
 PI STA. = 13+96.06
 $\Delta = 20^{\circ} 37' 16''$ (RT)
 D = 7° 59' 41"
 T = 130.38
 L = 257.93
 R = 716.67
 PCC STA. = 12+65.68
 PT STA. = 15+23.61
 e = 0.050

CURVE DATA CRV15
 PI STA. = 61+63.36
 $\Delta = 55^{\circ} 00' 00''$ (RT)
 D = 14° 40' 00"
 T = 203.36
 L = 375.00
 R = 390.65
 PC STA. = 59+60.00
 PCC STA. = 63+35.00

CURVE DATA CRV16
 PI STA. = 65+24.92
 $\Delta = 19^{\circ} 45' 13''$ (RT)
 D = 5° 15' 10"
 T = 189.92
 L = 376.07
 R = 1,090.79
 PCC STA. = 63+35.00
 PT STA. = 67+11.07

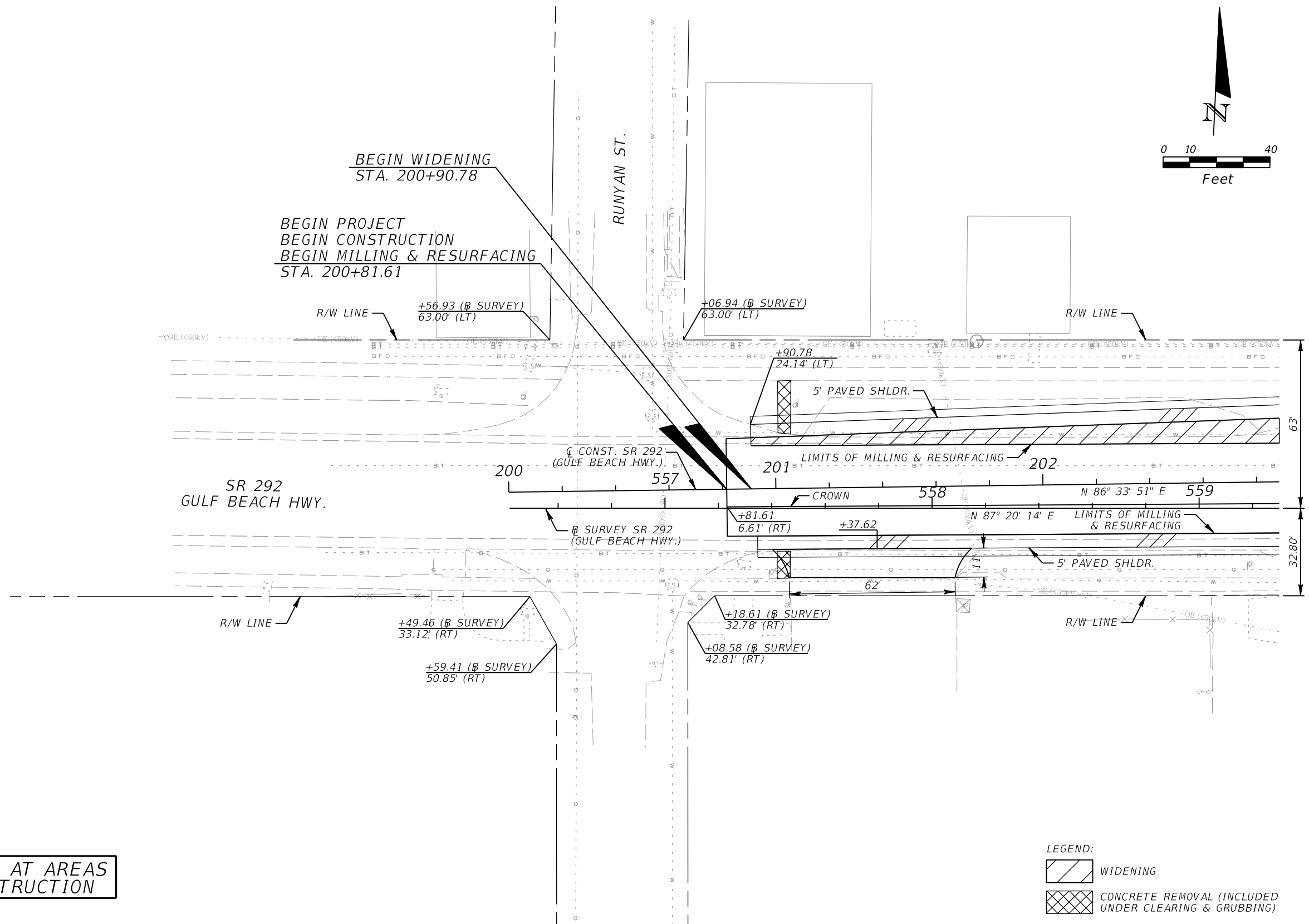
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GENERAL NOTES

1. REFER TO THE PROJECT CONTROL SHEETS FOR DATUM, REFERENCE TIE AND BENCH MARK INFORMATION.
2. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
3. ANY PUBLIC LAND SURVEY SYSTEM CORNER OR ANY MONUMENT THAT PERPETUATES THE FDOT R/W WITHIN THE PROJECT LIMITS OF CONSTRUCTION IS TO BE PROTECTED BY THE CONTRACTOR. IF A MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE DISTRICT SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
4. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
5. ALL PROJECTS REQUIRING WELL-POINTING OR OTHER PUMPING OF GROUND WATER OR SURFACE WATER WILL NEED TO BE COORDINATED WITH THE DISTRICT CONTAMINATION IMPACTS COORDINATOR (DCIC) IN ORDER TO ASSURE ALL ASPECTS OF THE NPDES PERMIT REQUIREMENTS ARE FULFILLED. THE DCIC CAN BE REACHED IN THE DISTRICT OFFICE OR BY CALLING (850) 330-1511. AN ADDITIONAL PERMIT MAY BE NEEDED, DEPENDENT UPON THE CONTRACTOR'S APPROACH TO CERTAIN ASPECTS OF THE PROJECT.
6. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION DESCRIBED ON THE PLANS. ANY OFF-SITE STORAGE AREA WILL REQUIRE PRIOR REVIEW BY FDOT DEMO STAFF. THE CONTRACTOR WILL SUBMIT A REQUEST FOR USE OF OFF-SITE AREAS TO MRS. AMANDA MARSHALL, ENVIRONMENTAL SPECIALIST, FDOT, P.O. BOX 607, CHIPLEY, FLORIDA 32428-0607.
7. THE CONTRACTOR SHALL REMOVE MEMORIAL MARKERS THAT ARE IN CONFLICT WITH CONSTRUCTION AND THEY SHALL BE DELIVERED TO THE LOCAL MAINTENANCE ENGINEER OR ASSET MAINTENANCE CONTRACTOR WITH A NOTE DESCRIBING THE LOCATION (STA./OFFSET) OF THE MARKER THAT WAS REMOVED. THESE MARKERS WILL BE REPLACED BY MAINTENANCE PERSONNEL AFTER COMPLETION OF CONSTRUCTION.
8. EXISTING IRRIGATION SYSTEMS IMPACTED SHALL BE RELOCATED WHEN CLEARING AND GRUBBING FOR WIDENING, SIDEWALKS, CURB RAMPS, AND ANY OTHER DISTURBING ACTIVITY.
9. IF A MONITORING WELL IS ENCOUNTERED WITHIN OR ADJACENT TO THE PROJECT CORRIDOR, AND IS NOT SHOWN IN THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DISTRICT CONTAMINATION IMPACTS COORDINATOR (OR DISTRICT ENVIRONMENTAL MANAGER) AT (850) 330-1511.
10. BUILDINGS TO BE REMOVED BY OTHERS, UNLESS OTHERWISE NOTED.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

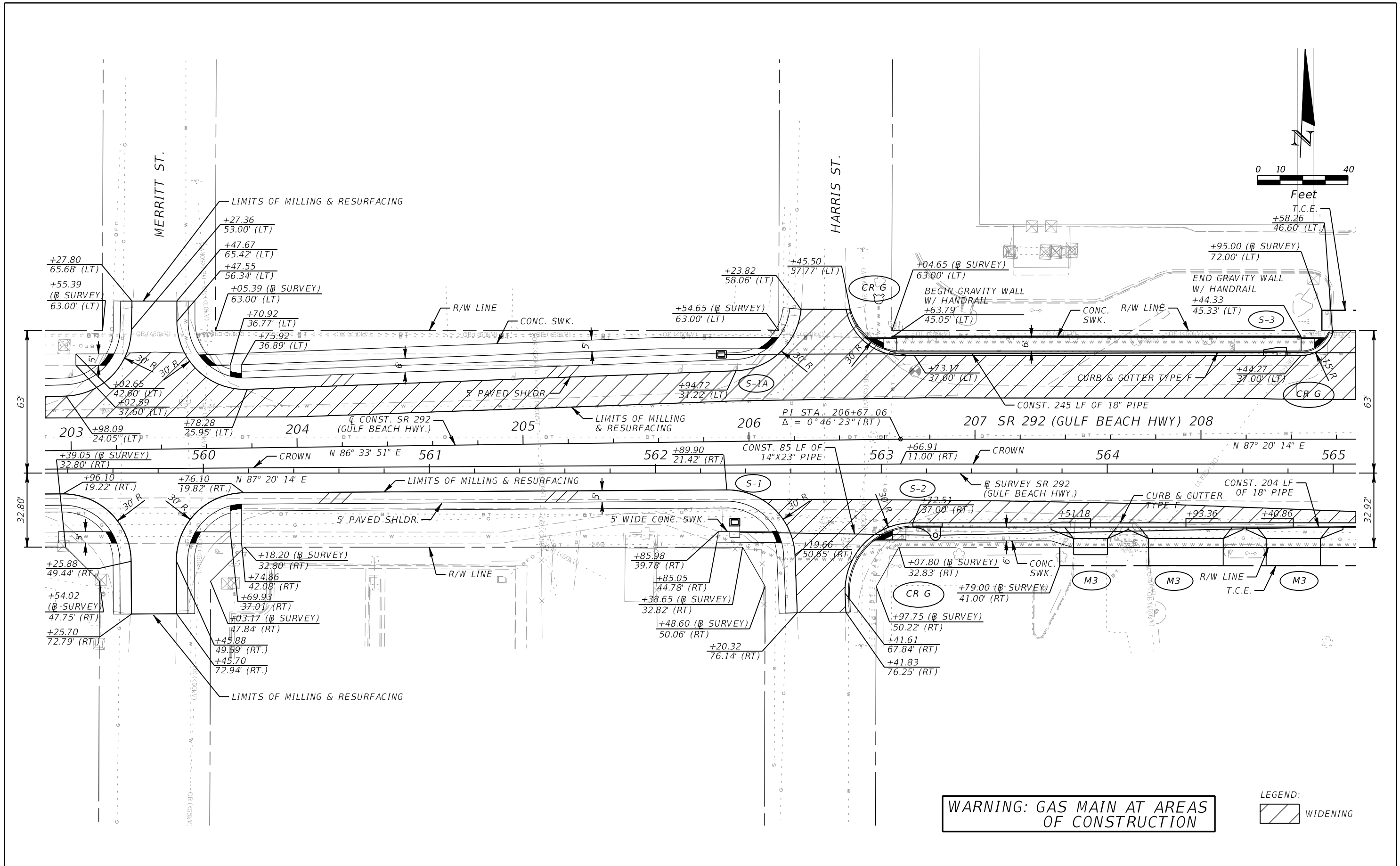


WARNING: GAS MAIN AT AREAS OF CONSTRUCTION

- LEGEND:**
-  WIDENING
 -  CONCRETE REMOVAL (INCLUDED UNDER CLEARING & GRUBBING)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		23
					SR 292	ESCAMBIA	409792-7-52-01		

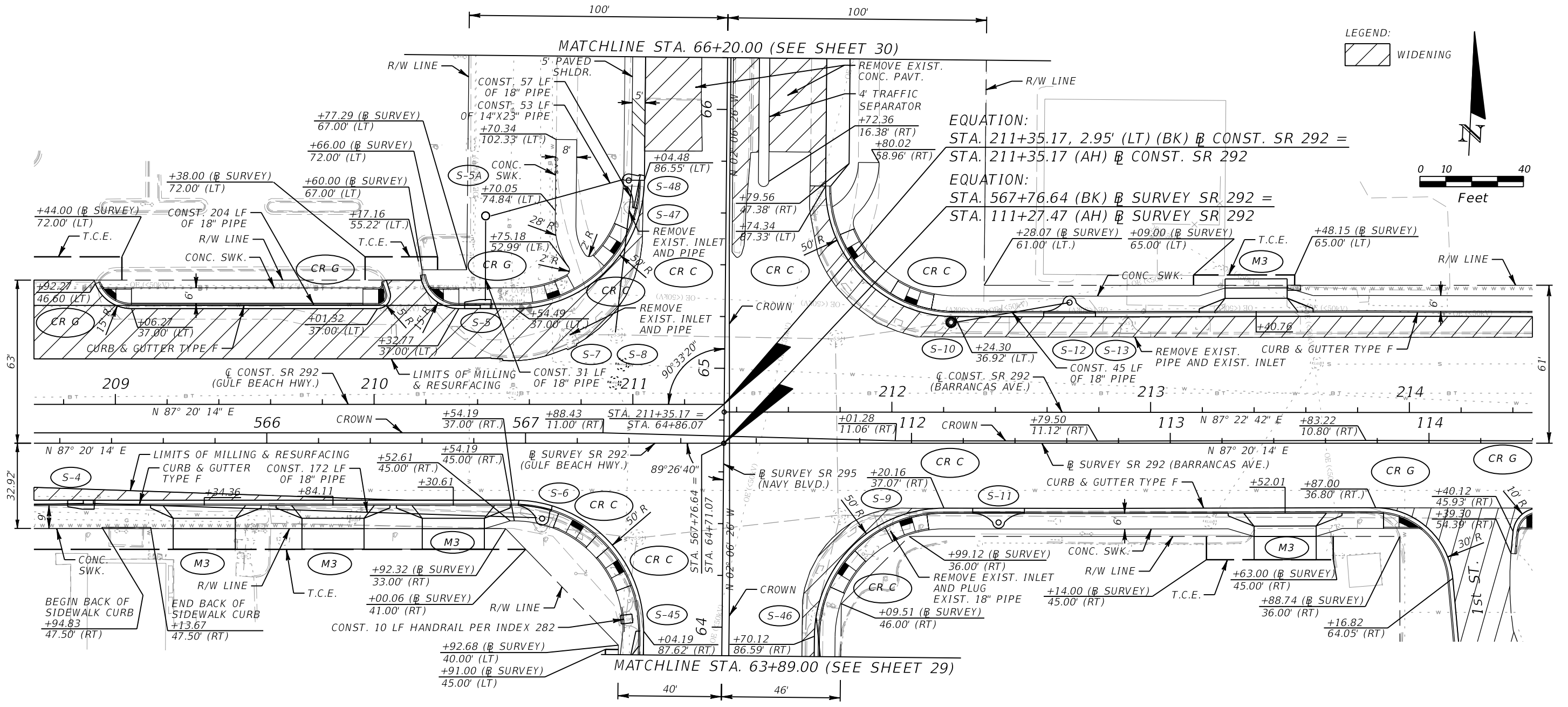
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



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REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

ROADWAY PLANS



LEGEND: WIDENING

EQUATION:
 STA. 211+35.17, 2.95' (LT) (BK) @ CONST. SR 292 =
 STA. 211+35.17 (AH) @ CONST. SR 292

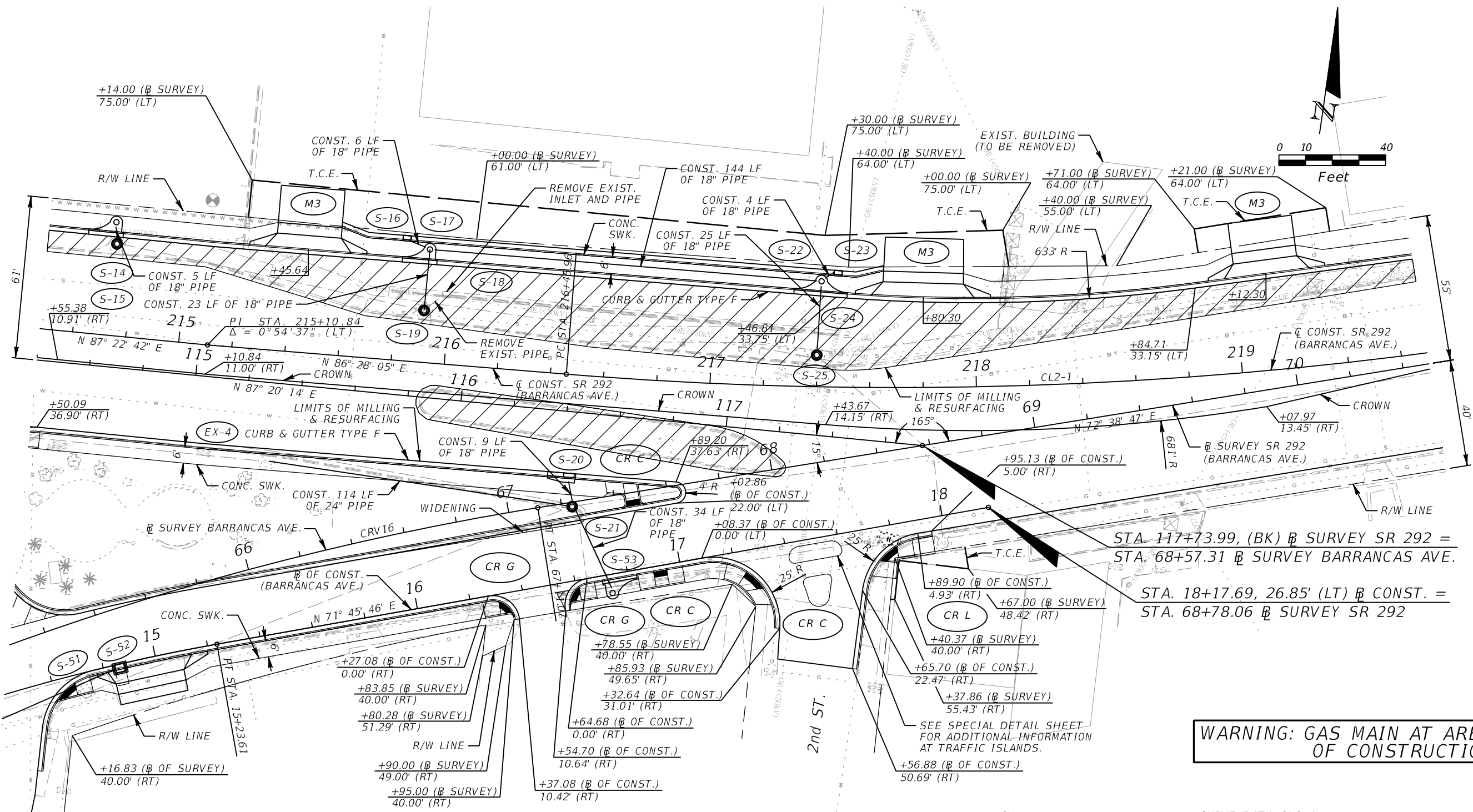
EQUATION:
 STA. 567+76.64 (BK) @ SURVEY SR 292 =
 STA. 111+27.47 (AH) @ SURVEY SR 292

* SEE PLAN SHEET 31 FOR INFORMATION ABOUT 1st ST. AND BARRANCAS AVE.

WARNING: GAS MAIN AT AREAS OF CONSTRUCTION

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

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WARNING: GAS MAIN AT AREAS OF CONSTRUCTION

* SEE PLAN SHEET 31 FOR INFORMATION ABOUT 1st ST. AND BARRANCAS AVE.

CURVE DATA CRV16
 PI STA. = 65+24.92
 Δ = 19°45'13" (RT)
 D = 5°15'10"
 T = 189.92
 L = 376.07
 R = 1,090.79
 PC STA. = 63+35.00
 PT STA. = 67+11.07

CURVE DATA BLRTRDWY-2
 PI STA. = 13+96.06
 Δ = 20°37'16" (RT)
 D = 7°59'41"
 T = 130.38
 L = 257.93
 R = 716.67
 PCC STA. = 12+65.68
 PT STA. = 15+23.61
 e = 0.050

CURVE DATA CL2-1
 PI STA. = 218+20.90
 Δ = 13°03'46" (LT)
 D = 3°44'59"
 T = 174.94
 L = 348.37
 R = 1,528.00
 PC STA. = 216+45.96
 PT STA. = 219+94.32
 e = NC

LEGEND:
 WIDENING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

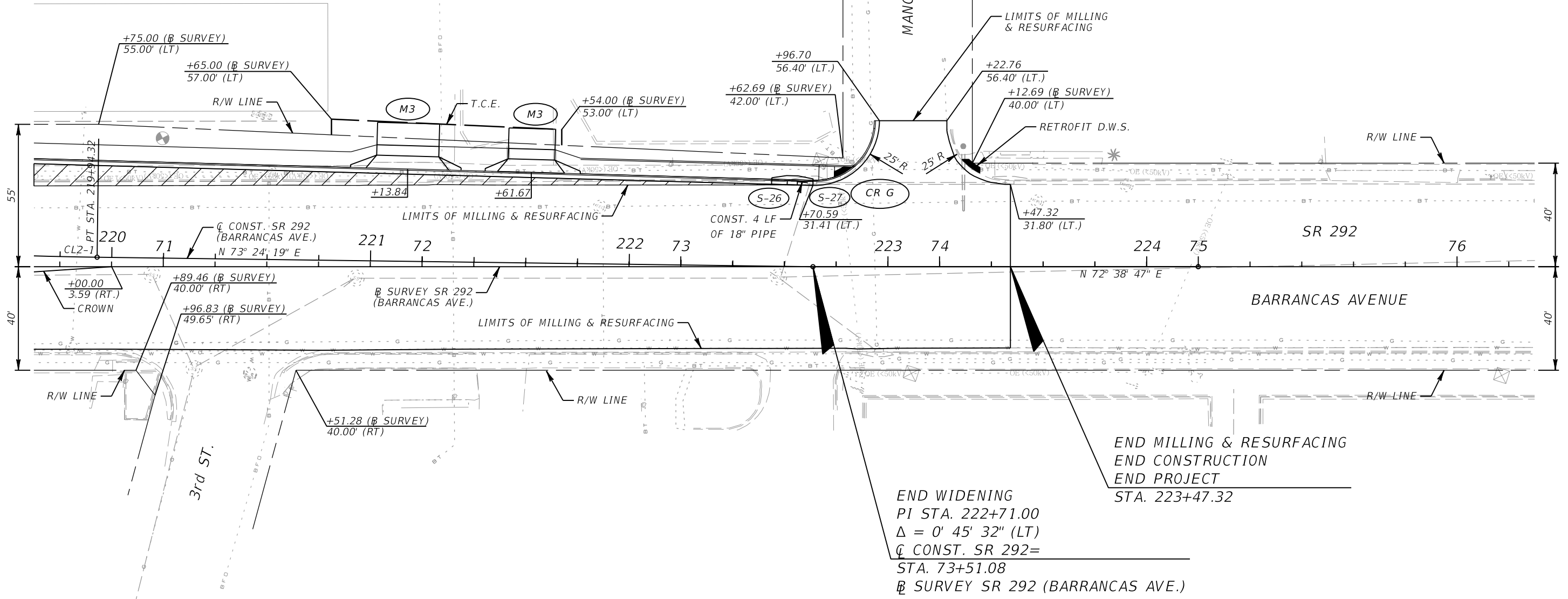
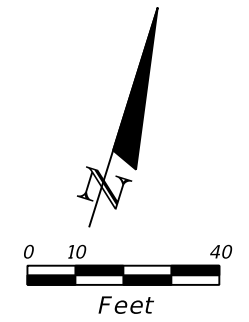
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

ROADWAY PLANS

SHEET NO. 26

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CURVE DATA CL2-1
 PI STA. = 218+20.90
 Δ = 13° 03' 46" (LT)
 D = 3° 44' 59"
 T = 174.94
 L = 348.37
 R = 1,528.00
 PC STA. = 216+45.96
 PT STA. = 219+94.32
 e = NC

END WIDENING
 PI STA. 222+71.00
 Δ = 0' 45' 32" (LT)
 \dot{C} CONST. SR 292 =
 STA. 73+51.08
 \dot{B} SURVEY SR 292 (BARRANCAS AVE.)

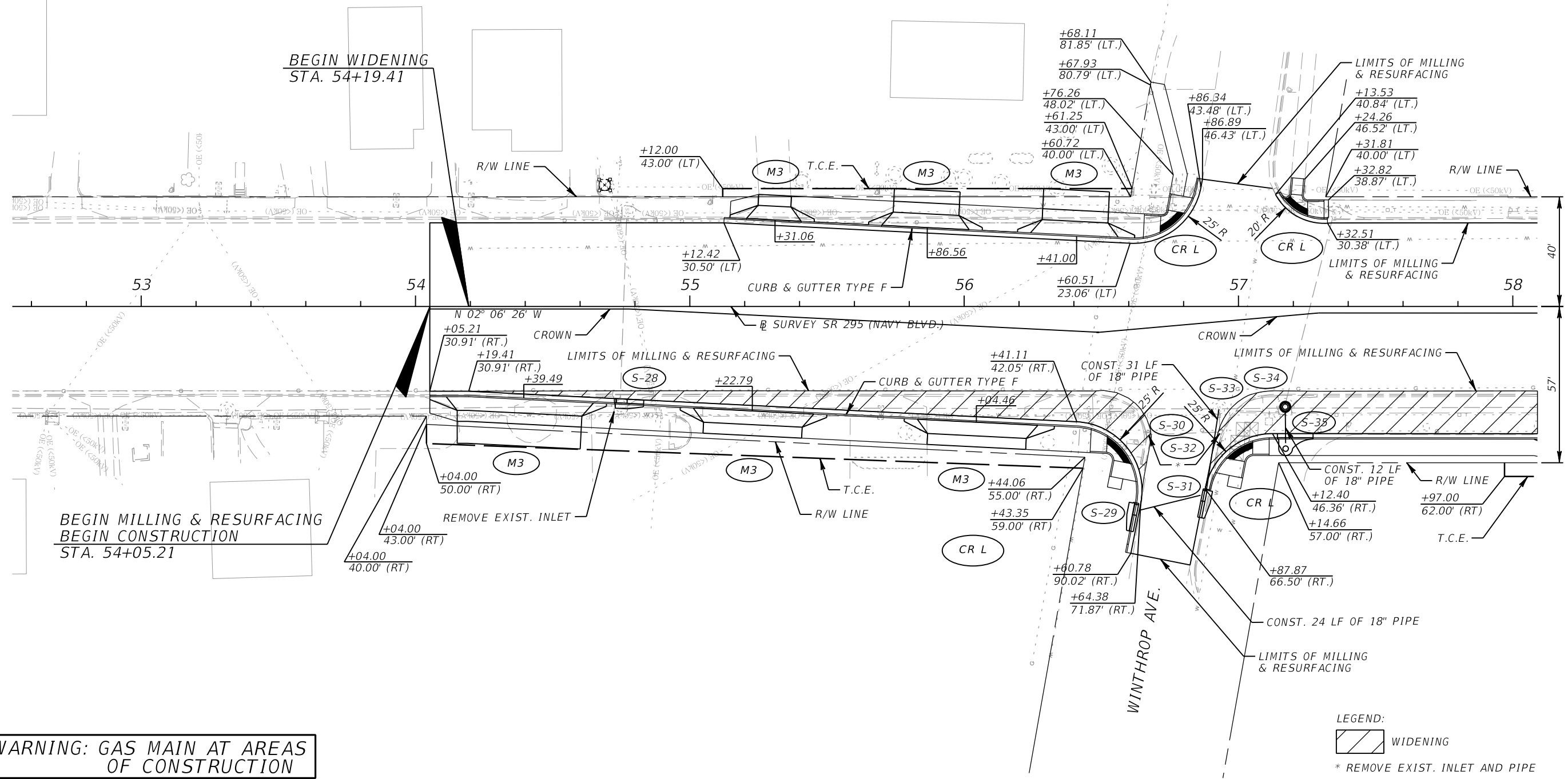
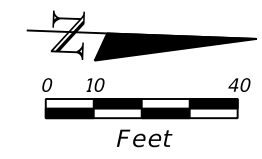
END MILLING & RESURFACING
 END CONSTRUCTION
 END PROJECT
 STA. 223+47.32

WARNING: GAS MAIN AT AREAS OF CONSTRUCTION

LEGEND:
 WIDENING

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

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BEGIN MILLING & RESURFACING
BEGIN CONSTRUCTION
STA. 54+05.21

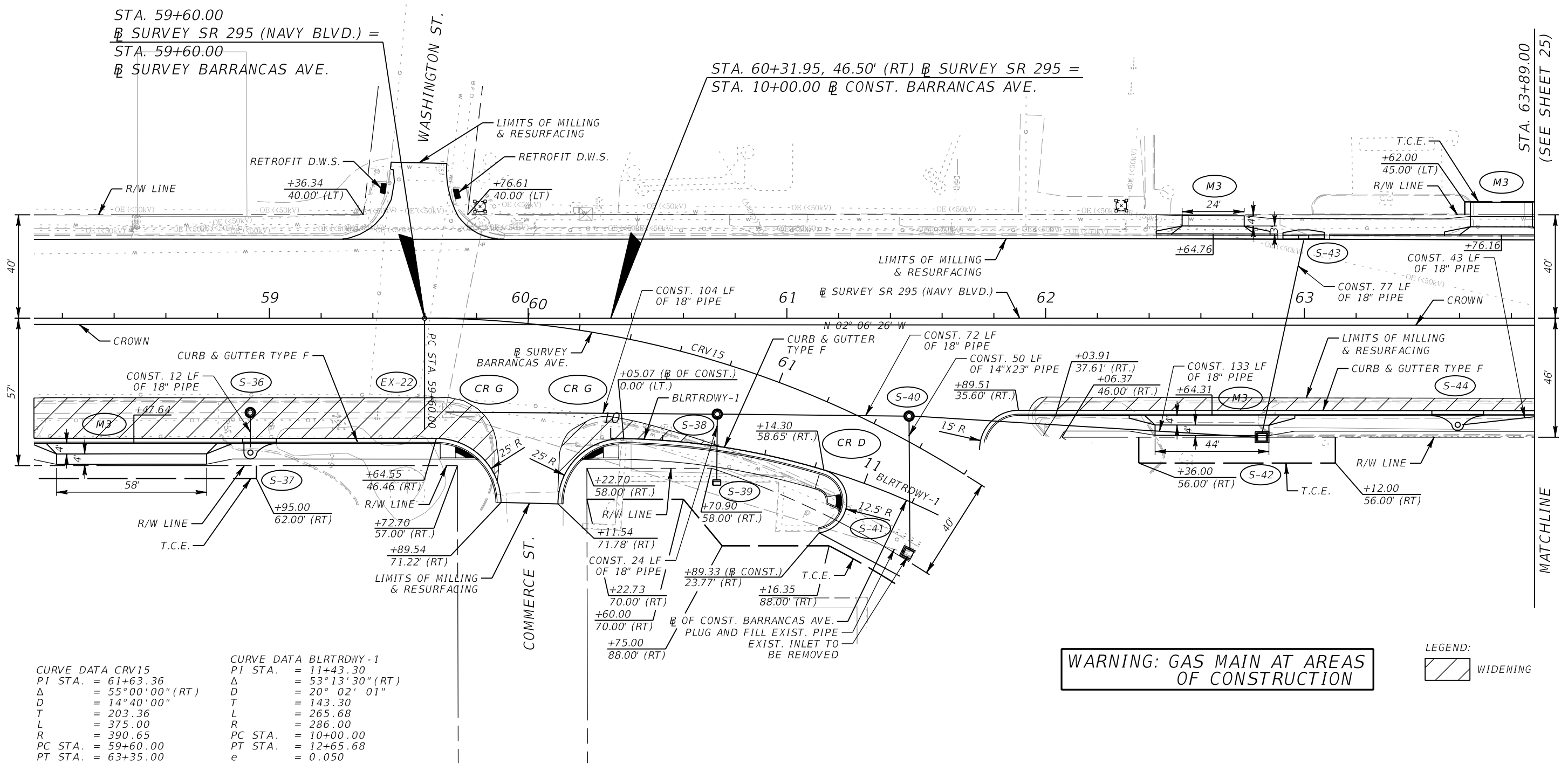
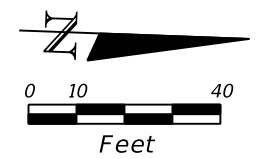
BEGIN WIDENING
STA. 54+19.41

**WARNING: GAS MAIN AT AREAS
OF CONSTRUCTION**

LEGEND:
 WIDENING
 * REMOVE EXIST. INLET AND PIPE

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



CURVE DATA CRV15

PI STA.	= 61+63.36
Δ	= 55°00'00" (RT)
D	= 14°40'00"
T	= 203.36
L	= 375.00
R	= 390.65
PC STA.	= 59+60.00
PT STA.	= 63+35.00

CURVE DATA BLRTRDWY-1

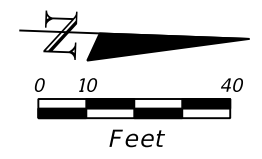
PI STA.	= 11+43.30
Δ	= 53°13'30" (RT)
D	= 20°02'01"
T	= 143.30
L	= 265.68
R	= 286.00
PC STA.	= 10+00.00
PT STA.	= 12+65.68
e	= 0.050

WARNING: GAS MAIN AT AREAS OF CONSTRUCTION

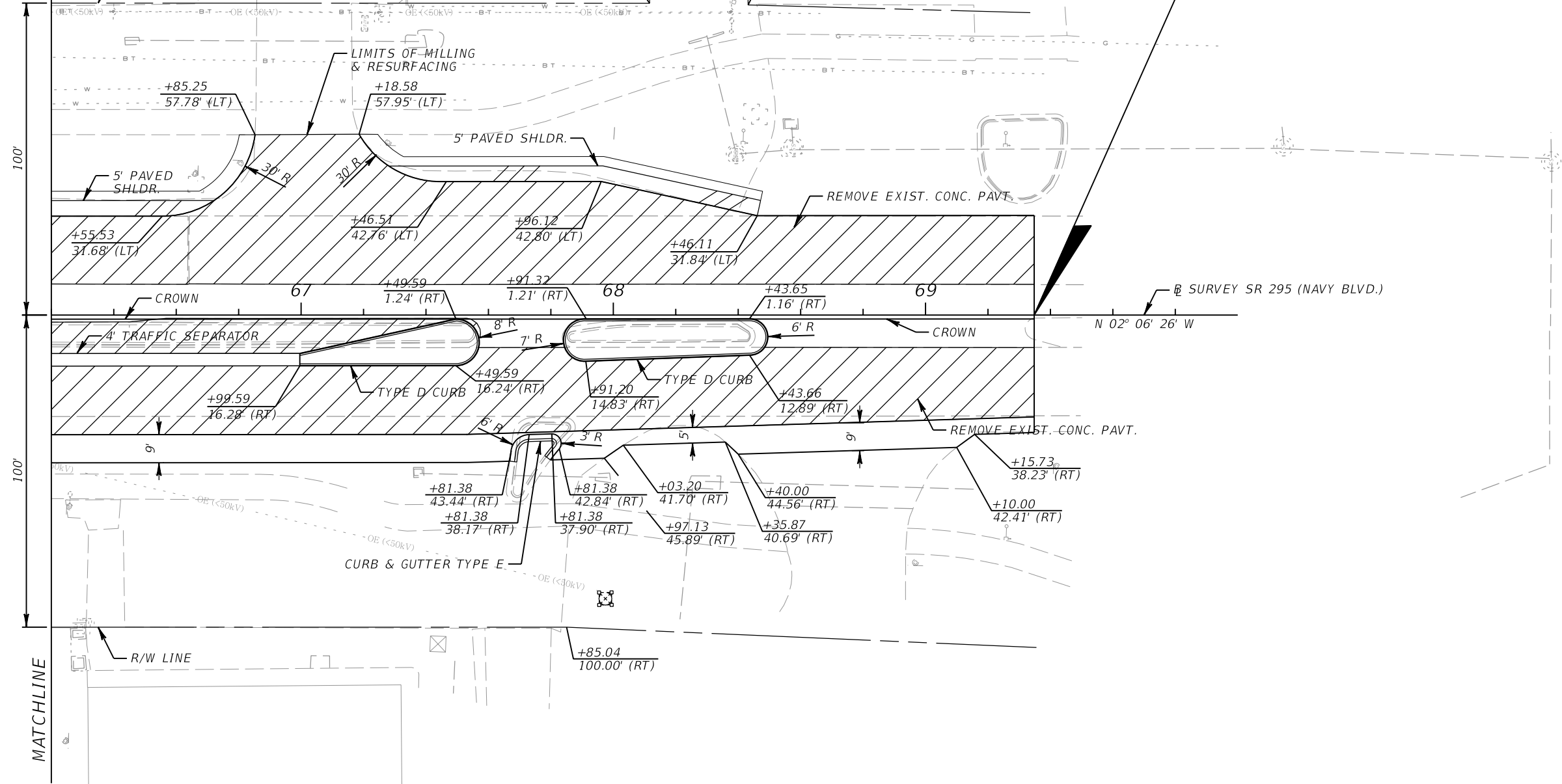
LEGEND:
 WIDENING

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS	SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

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STA. 66+20.00
(SEE SHEET 25)



END CONSTRUCTION
END WIDENING
END MILLING & RESURFACING
STA. 69+34.81

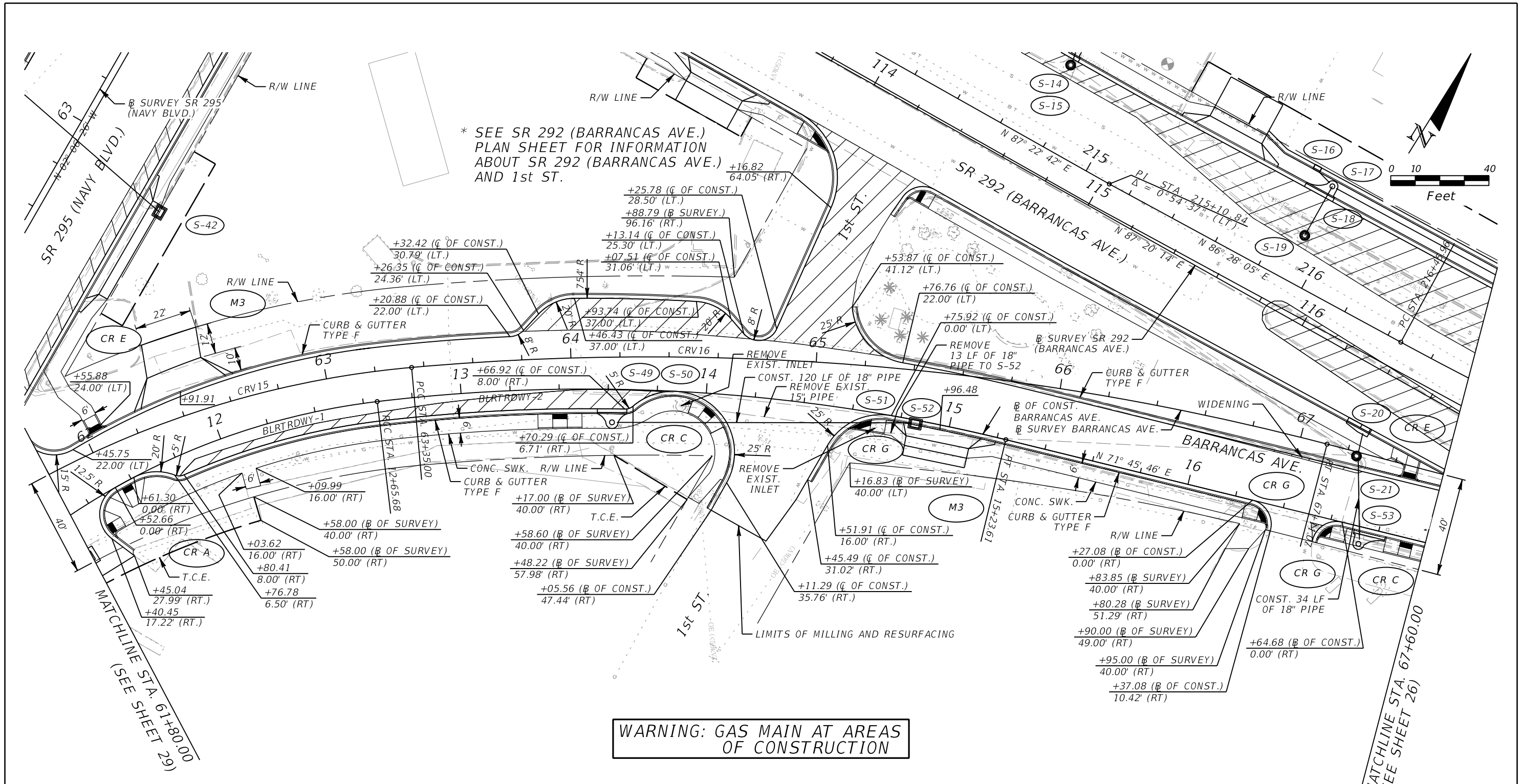
MATCHLINE

LEGEND:
 WIDENING

WARNING: GAS MAIN AT AREAS OF CONSTRUCTION

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

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* SEE SR 292 (BARRANCAS AVE.)
 PLAN SHEET FOR INFORMATION
 ABOUT SR 292 (BARRANCAS AVE.)
 AND 1st ST.

**WARNING: GAS MAIN AT AREAS
 OF CONSTRUCTION**

CURVE DATA CRV15
 PI STA. = 61+63.36
 Δ = 55°00'00" (RT)
 D = 14°40'00"
 T = 203.36
 L = 375.00
 R = 390.65
 PC STA. = 59+60.00
 PT STA. = 63+35.00

CURVE DATA CRV16
 PI STA. = 65+24.92
 Δ = 19°45'13" (RT)
 D = 5°15'10"
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 PC STA. = 63+35.00
 PT STA. = 67+11.07

CURVE DATA BLRTRDWAY-1
 PI STA. = 11+43.30
 Δ = 53°13'30" (RT)
 D = 20°02'01"
 T = 143.30
 L = 265.68
 R = 286.00
 PC STA. = 10+00.00
 PT STA. = 12+65.68
 e = 0.050

CURVE DATA BLRTRDWAY-2
 PI STA. = 13+96.06
 Δ = 20°37'16" (RT)
 D = 7°59'41"
 T = 130.38
 L = 257.93
 R = 716.67
 PCC STA. = 12+65.68
 PT STA. = 15+23.61
 e = 0.050

LEGEND:
 WIDENING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

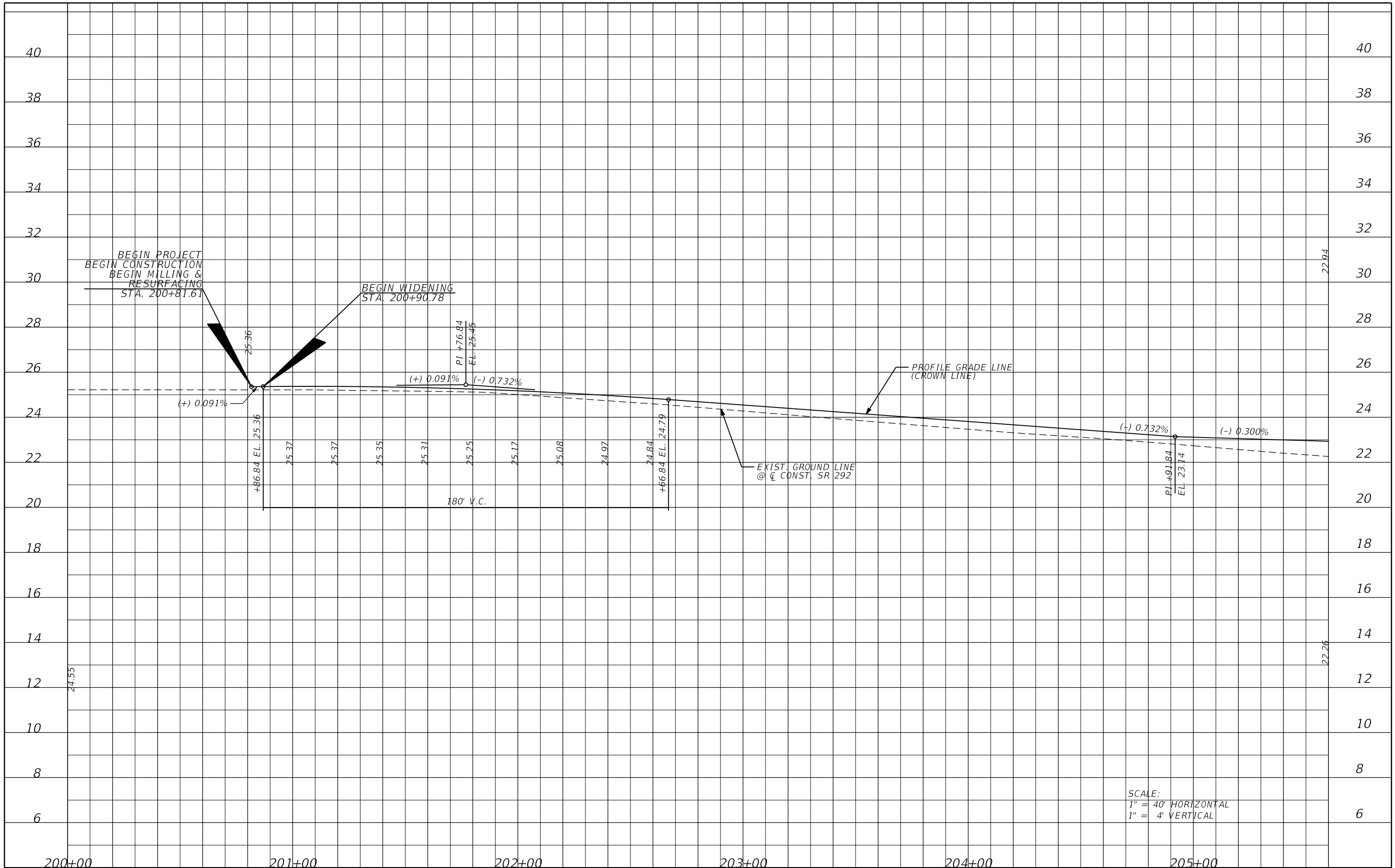
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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ROADWAY PLANS

SHEET NO.
31

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

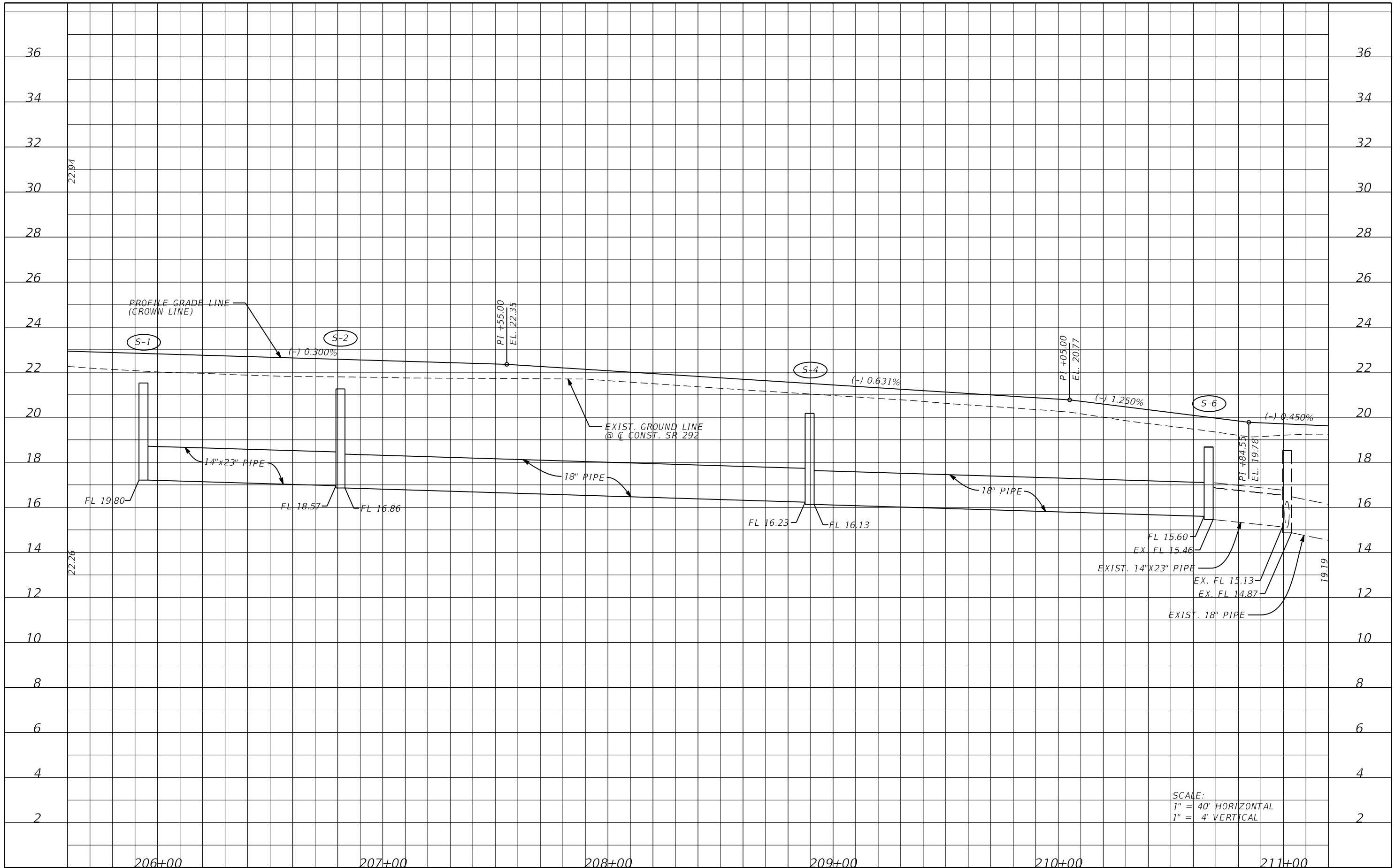
JESSICA BLOOMFIELD, P.E.
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 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

PROFILE SHEET

SHEET NO.
32

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SCALE:
 1" = 40' HORIZONTAL
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

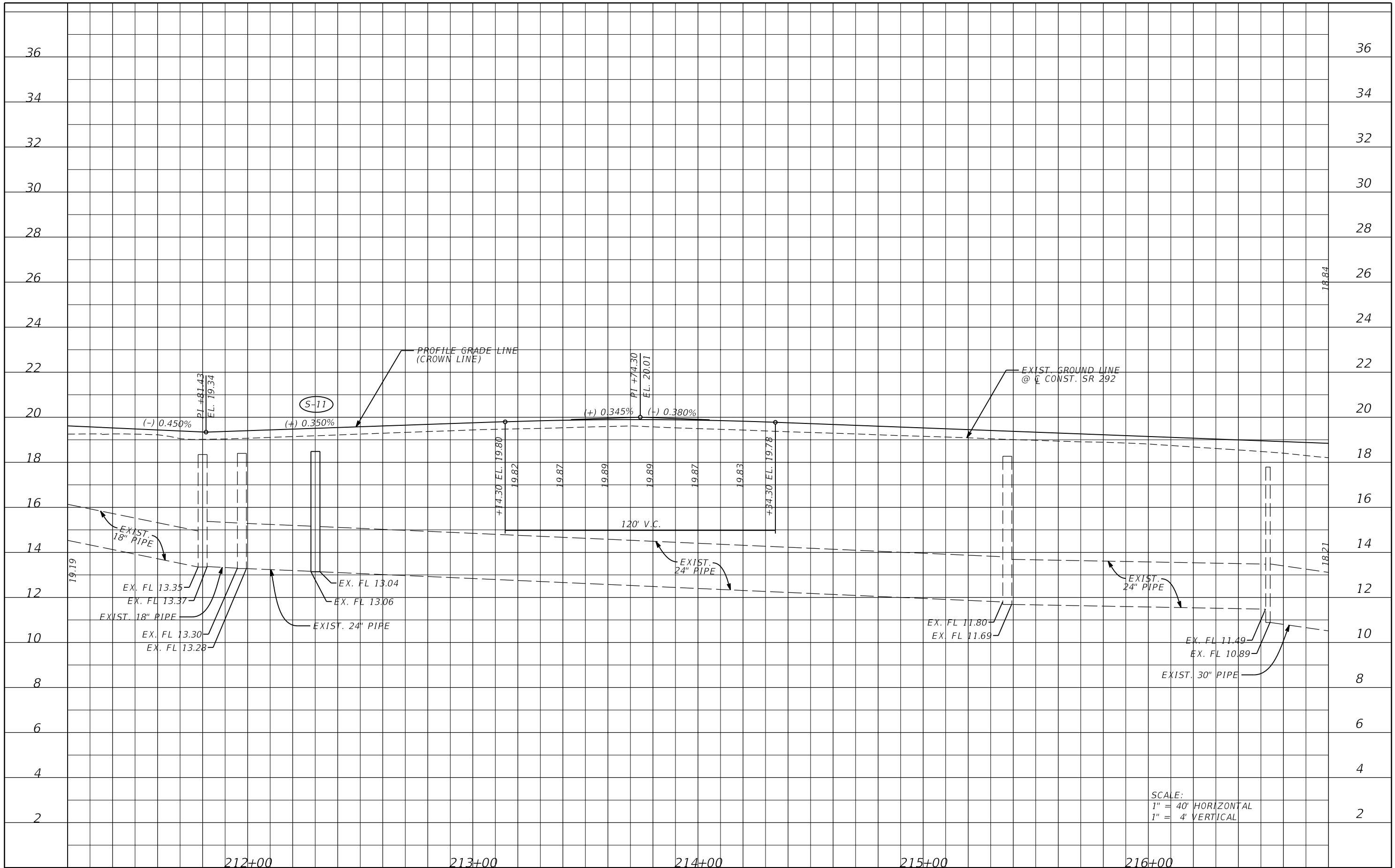
JESSICA BLOOMFIELD, P.E.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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PROFILE SHEET

SHEET
NO.
33

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SCALE:
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

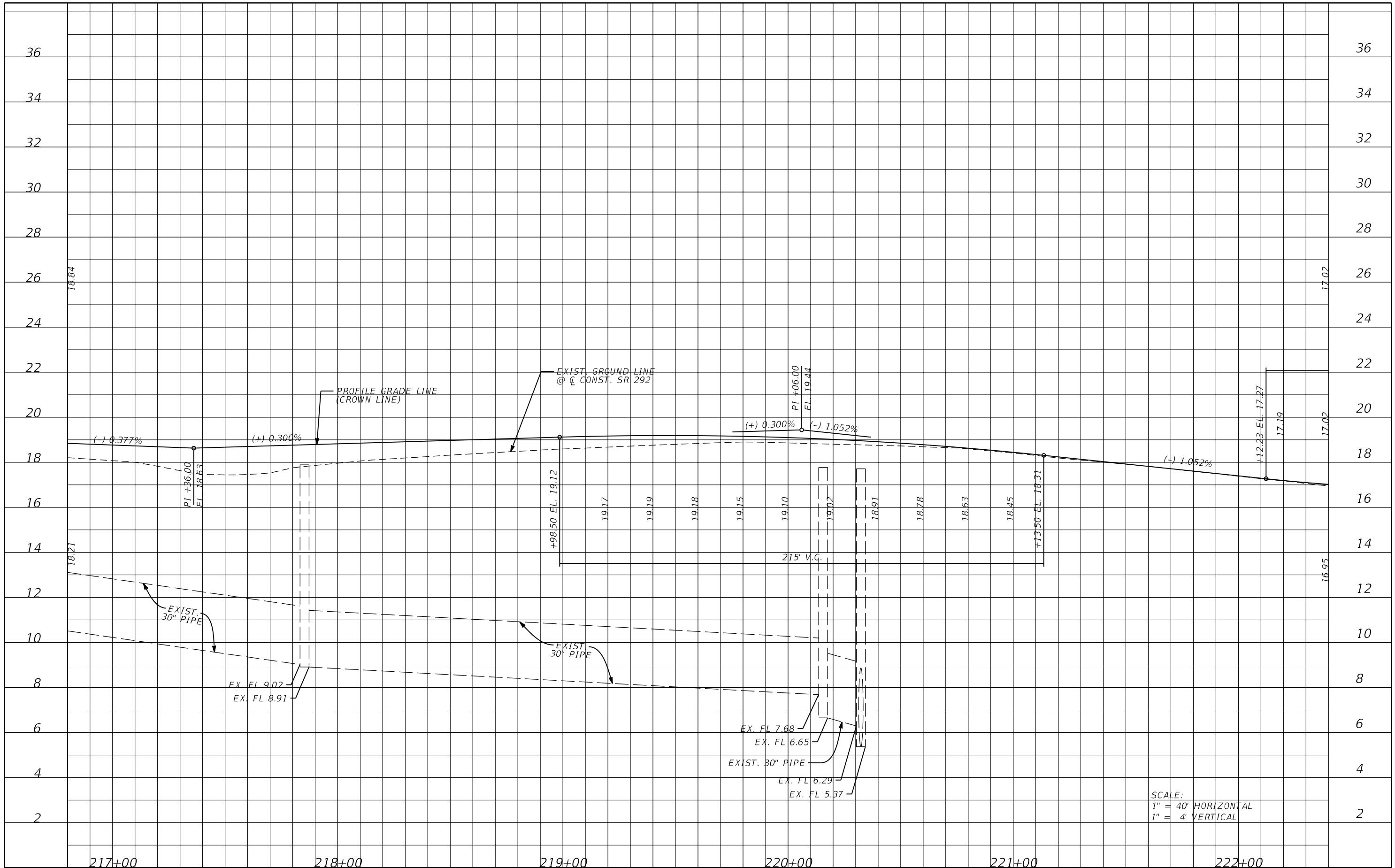
JESSICA BLOOMFIELD, P.E.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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PROFILE SHEET

SHEET NO.
34

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

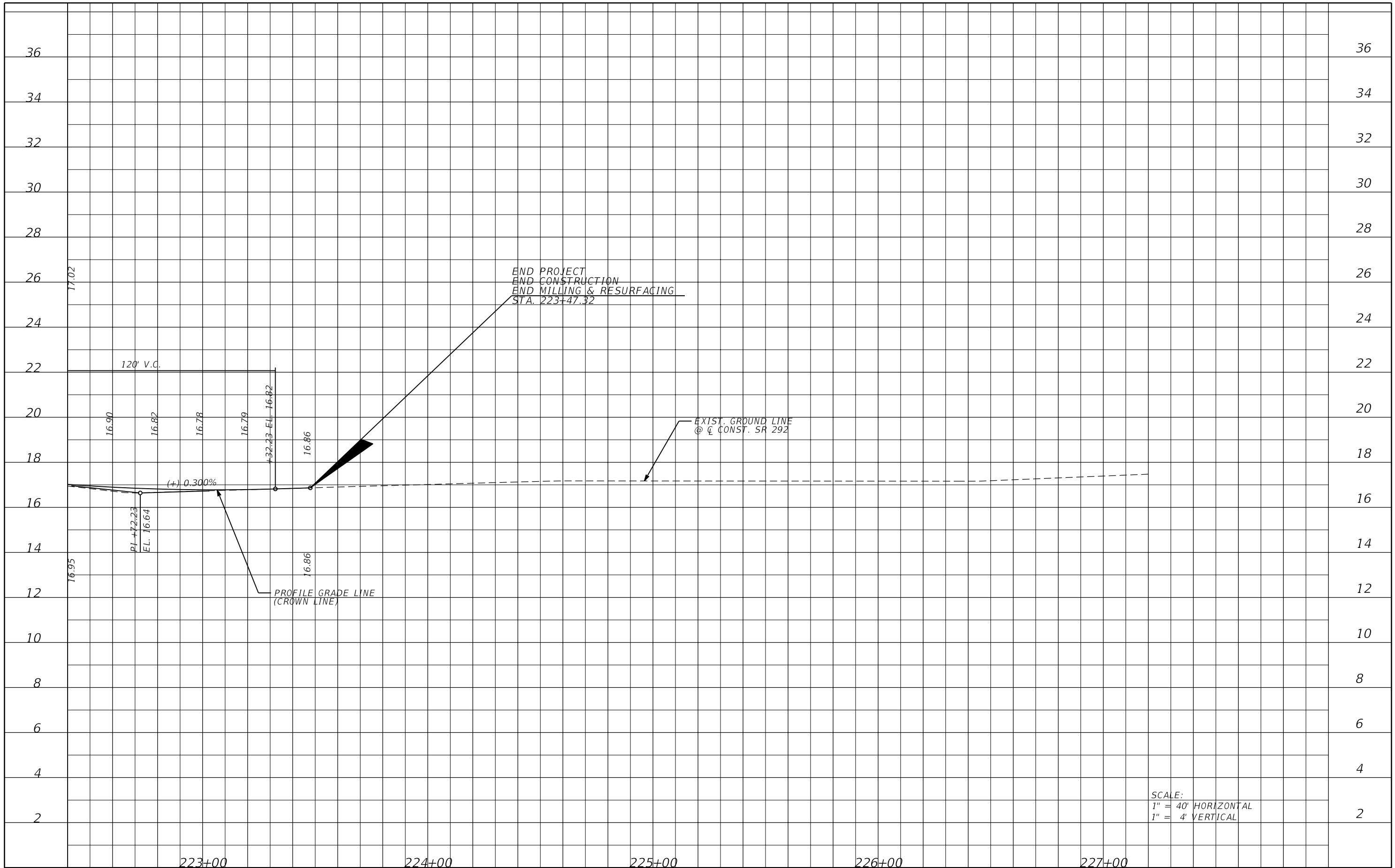
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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PROFILE SHEET

SHEET NO.
35

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

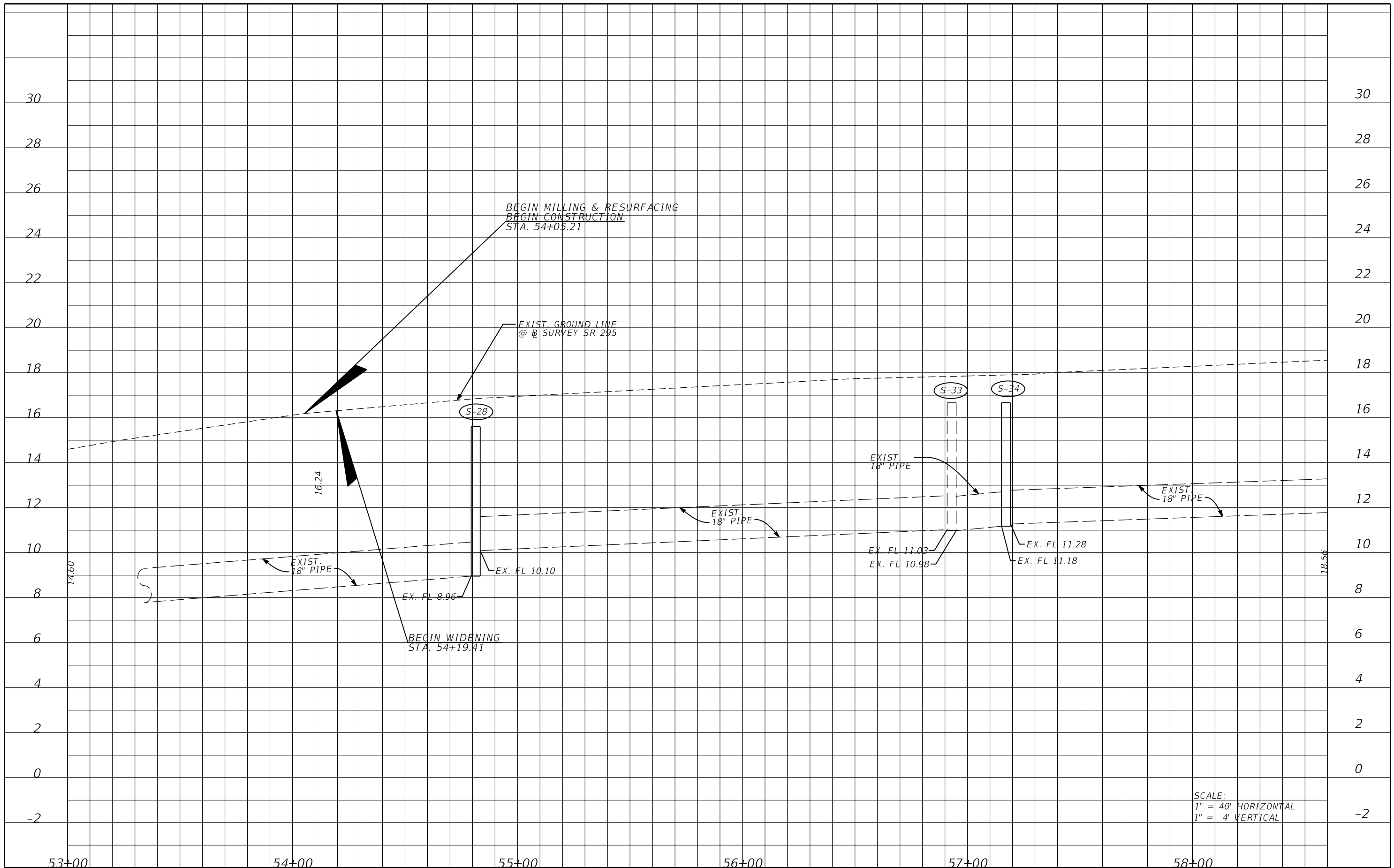


SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

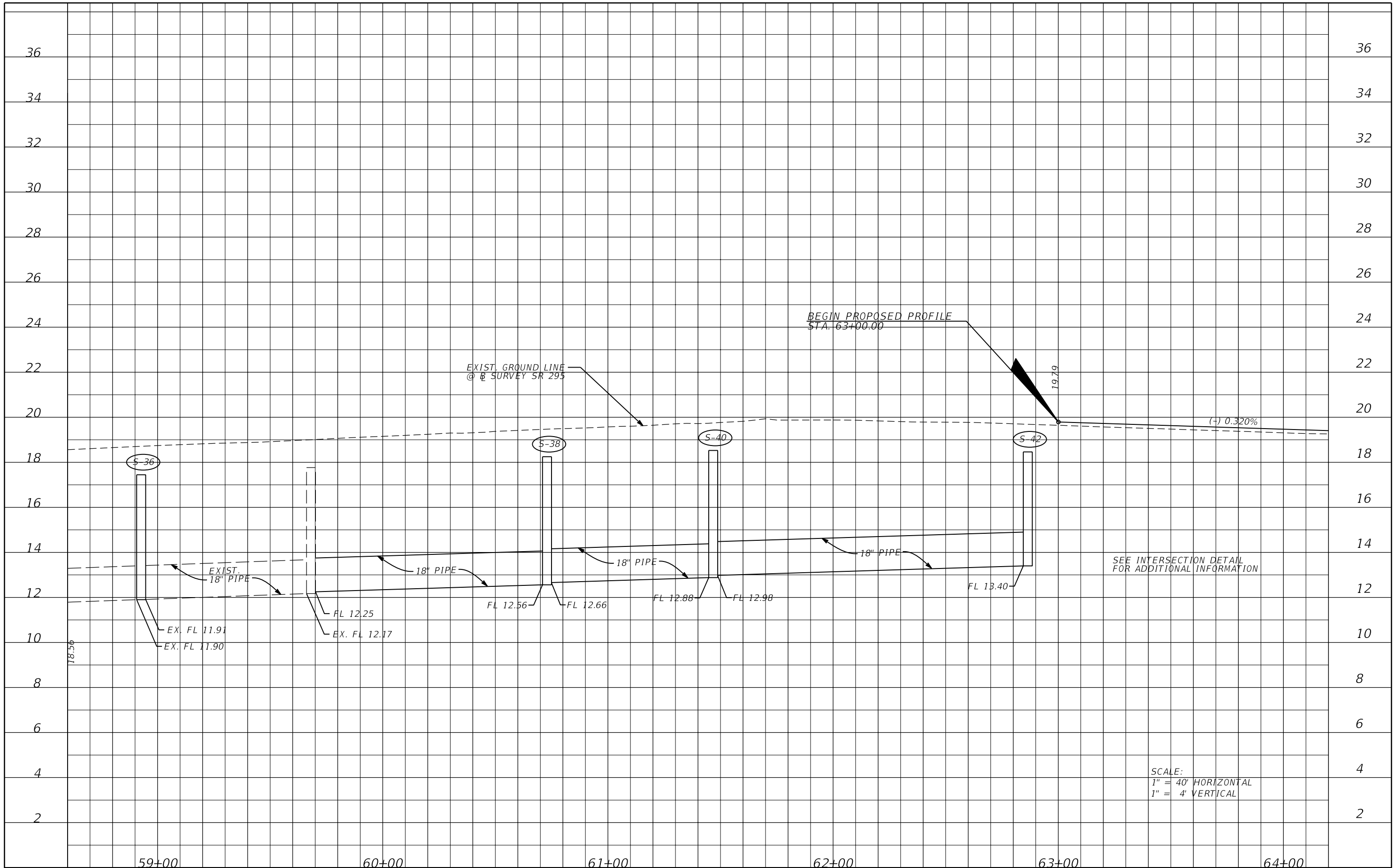
PROFILE SHEET

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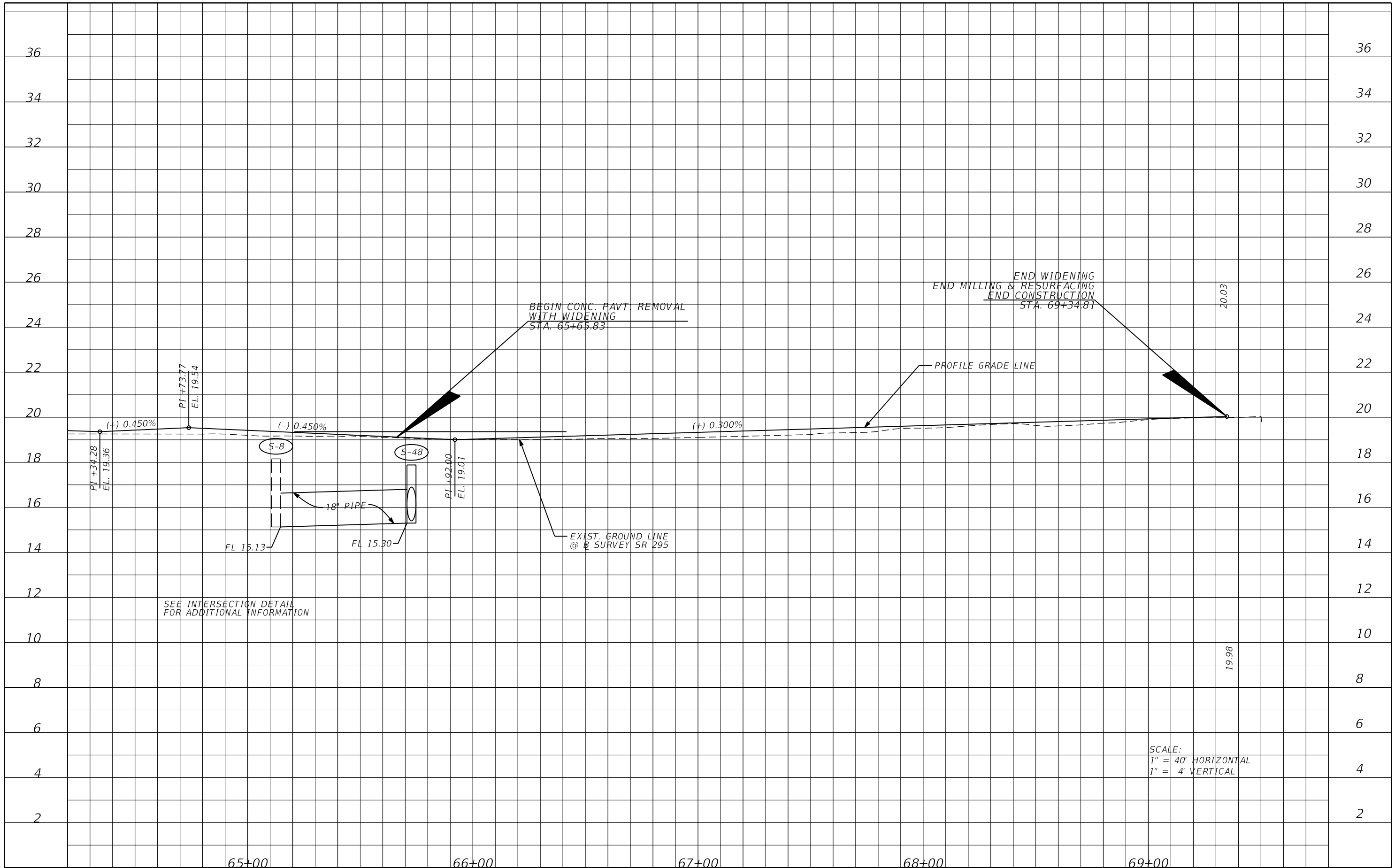
REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET SR 295	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		37
					SR 292	ESCAMBIA	409792-7-52-01		



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

DATE		REVISIONS		JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET SR 295	SHEET NO. 38
DESCRIPTION		DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 292	ESCAMBIA	409792-7-52-01			

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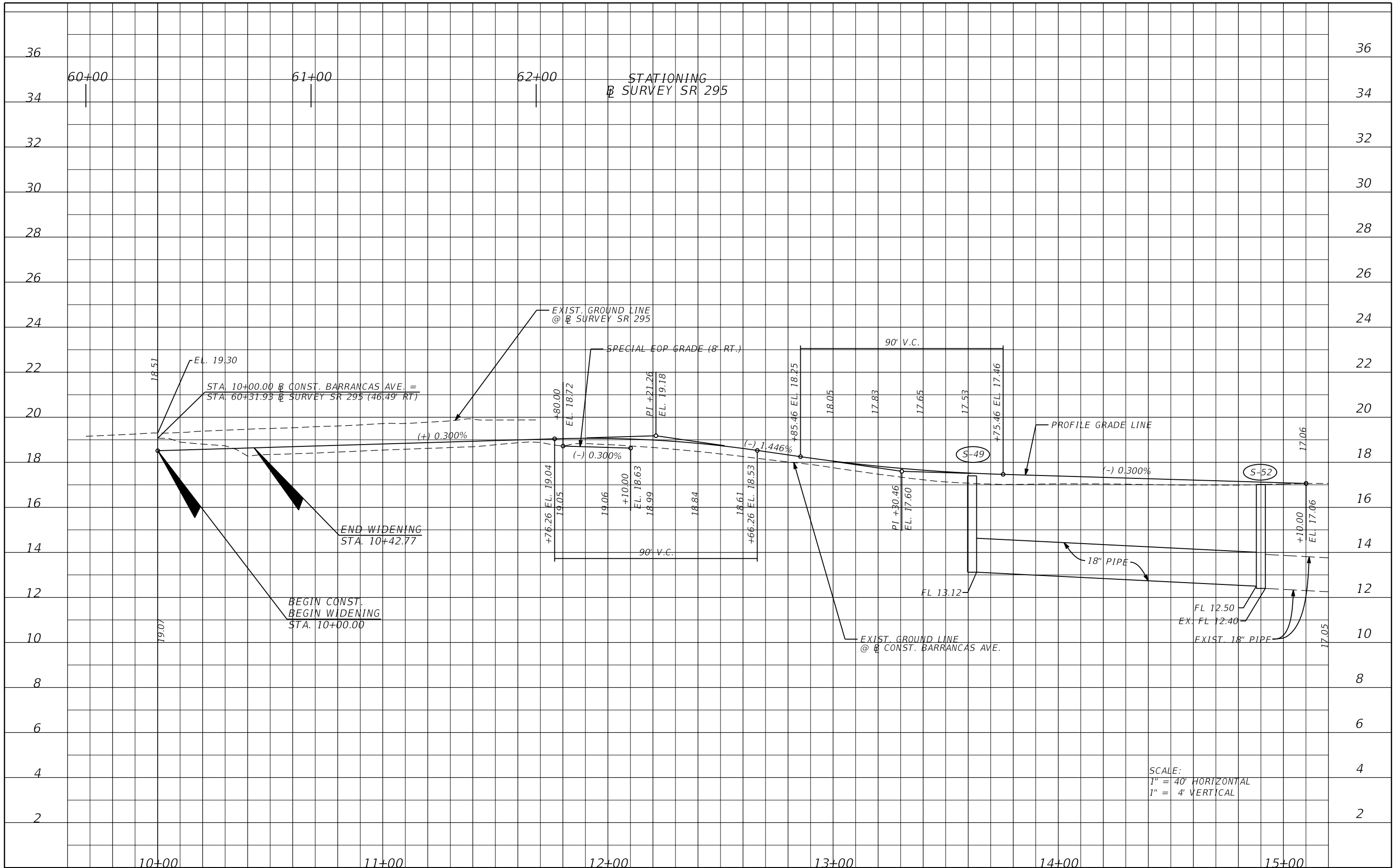


SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION

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

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REVISIONS															
DATE	DESCRIPTION														
		<table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 292</td> <td>ESCAMBIA</td> <td>409792-7-52-01</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 292	ESCAMBIA	409792-7-52-01							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID													
SR 292	ESCAMBIA	409792-7-52-01													

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SCALE:
 1" = 40' HORIZONTAL
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

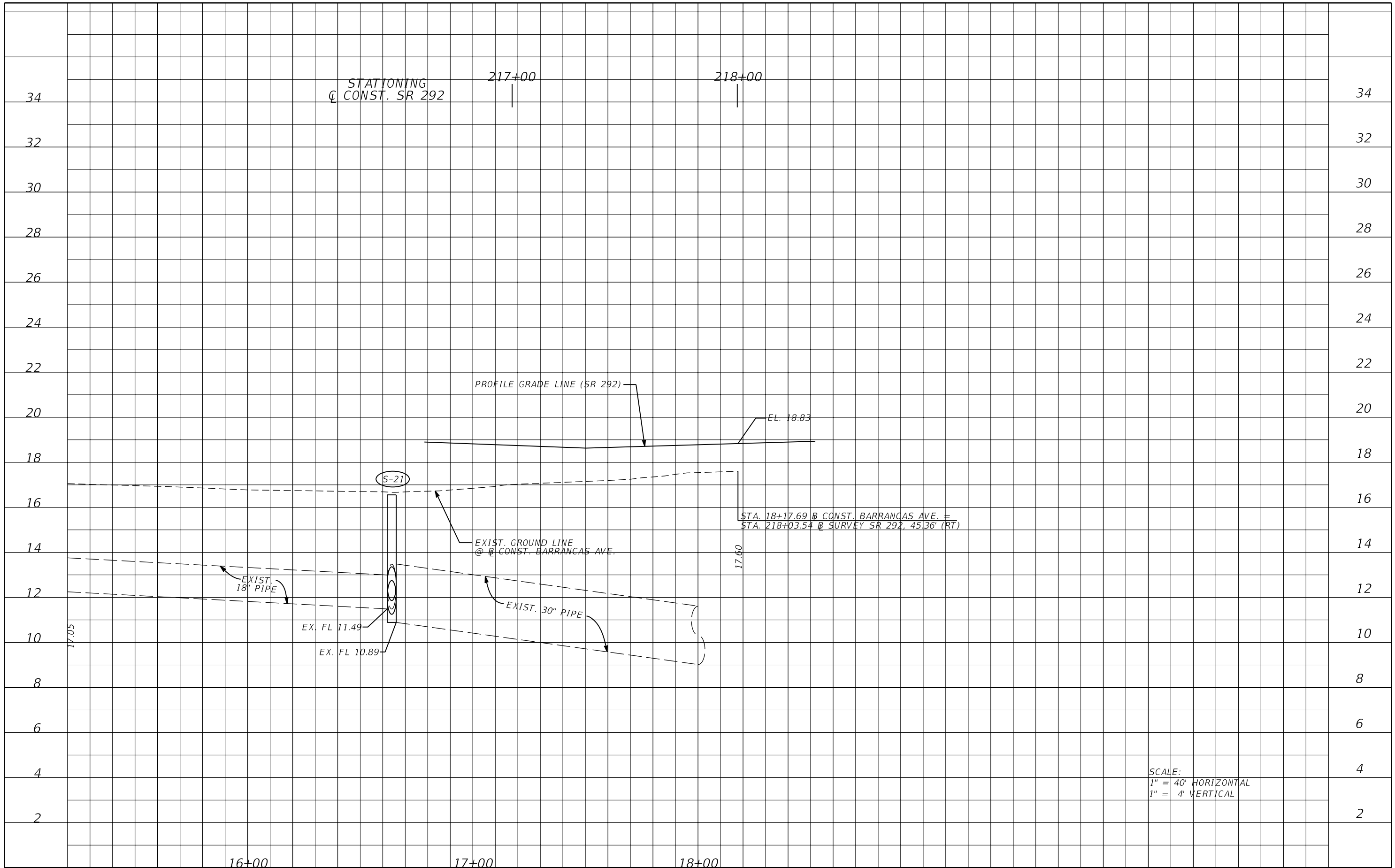
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

PROFILE SHEET
BARRANCAS AVE.

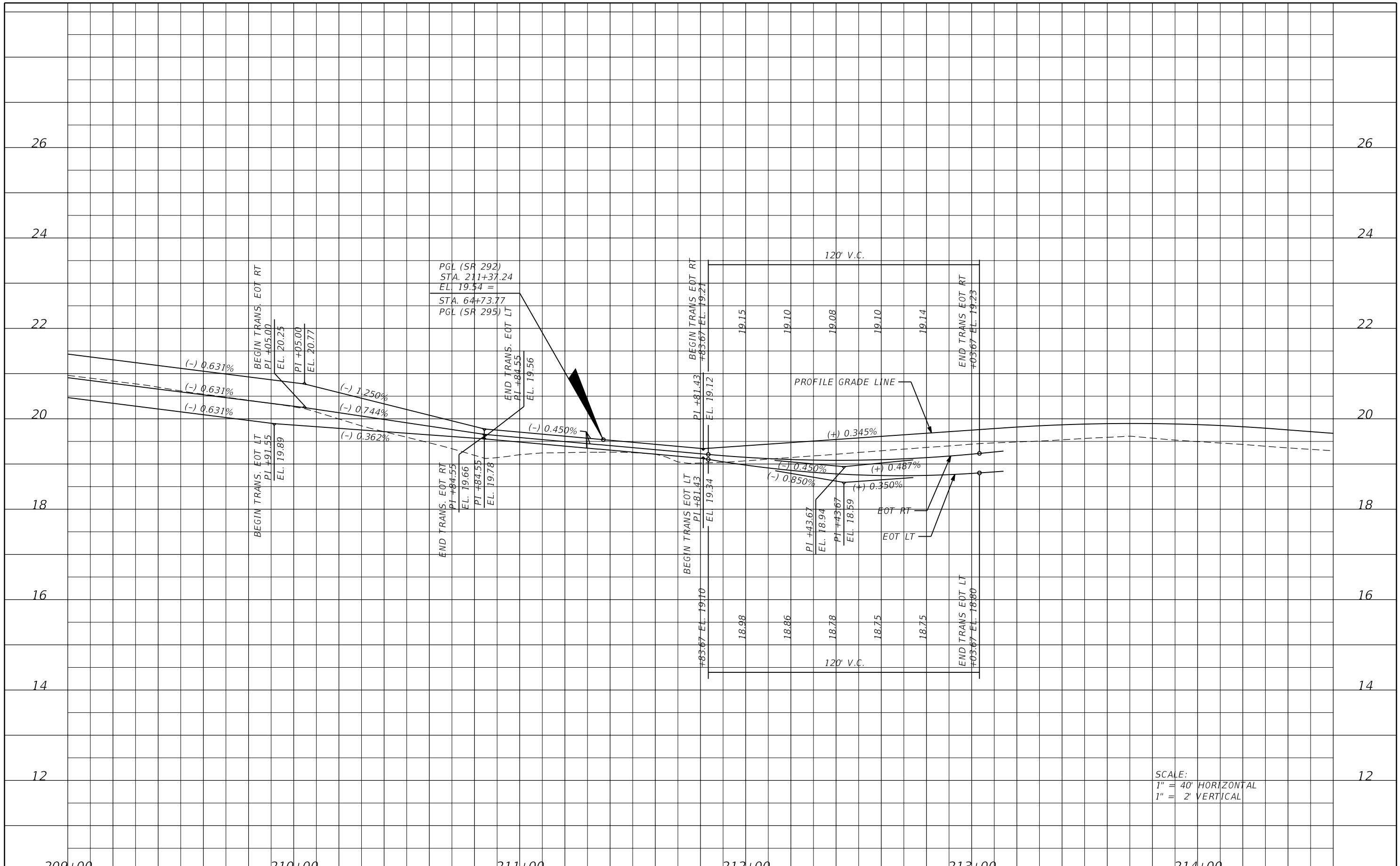
SHEET NO.
 40

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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

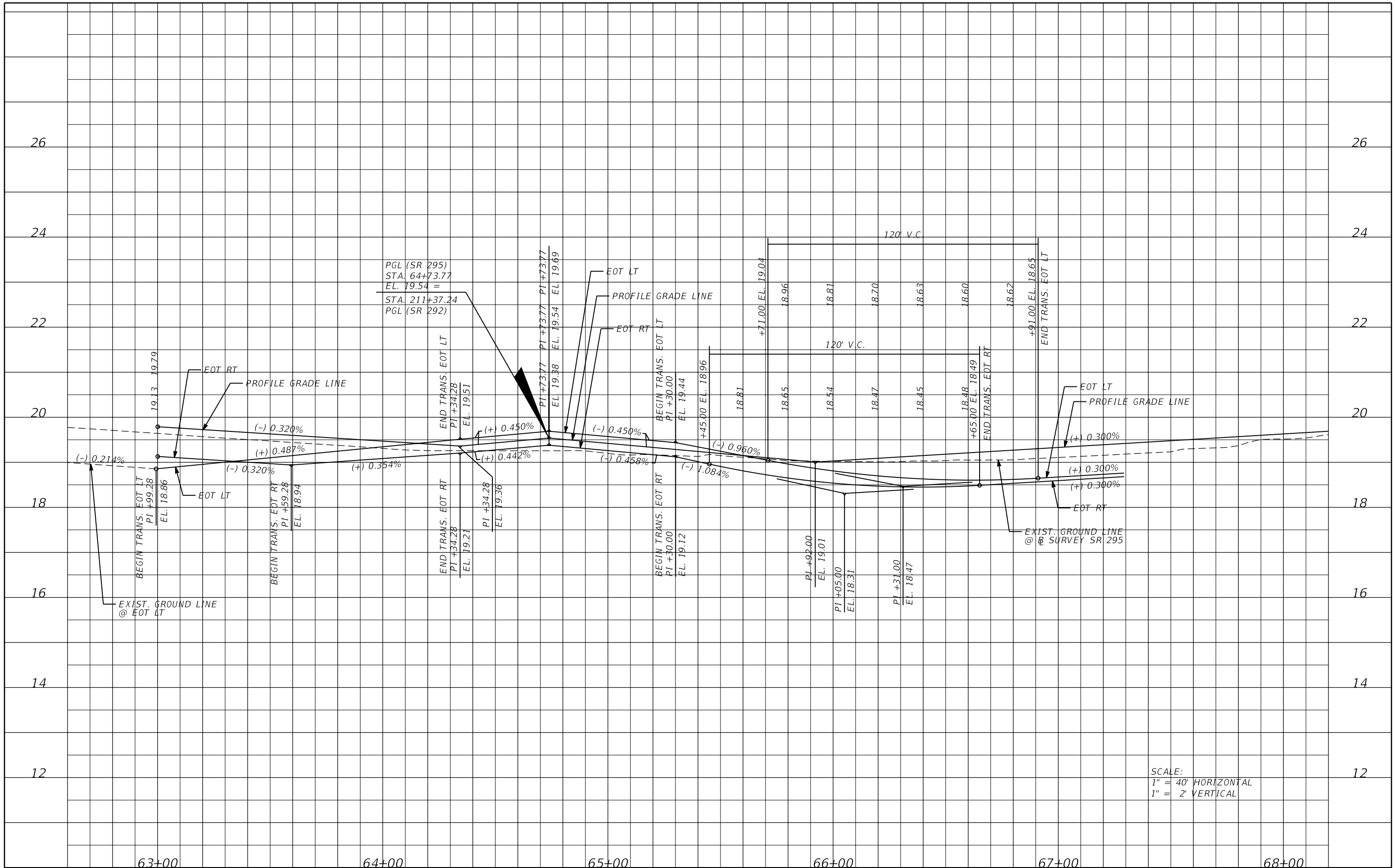
REVISIONS		JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PROFILE SHEET BARRANCAS AVE.	SHEET NO.					
DATE	DESCRIPTION		DATE	DESCRIPTION		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">ROAD NO.</td> <td style="width: 33%;">COUNTY</td> <td style="width: 33%;">FINANCIAL PROJECT ID</td> </tr> <tr> <td style="text-align: center;">SR 292</td> <td style="text-align: center;">ESCAMBIA</td> <td style="text-align: center;">409792-7-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 292	ESCAMBIA
ROAD NO.	COUNTY	FINANCIAL PROJECT ID									
SR 292	ESCAMBIA	409792-7-52-01									



SCALE:
 1" = 40' HORIZONTAL
 1" = 2' VERTICAL

DATE		DESCRIPTION		REVISIONS		JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION PROFILE DETAIL SR 292		SHEET NO.
ROAD NO.		COUNTY		FINANCIAL PROJECT ID		SR 292	ESCAMBIA	409792-7-52-01	42				

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SCALE:
 1" = 40' HORIZONTAL
 1" = 2' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

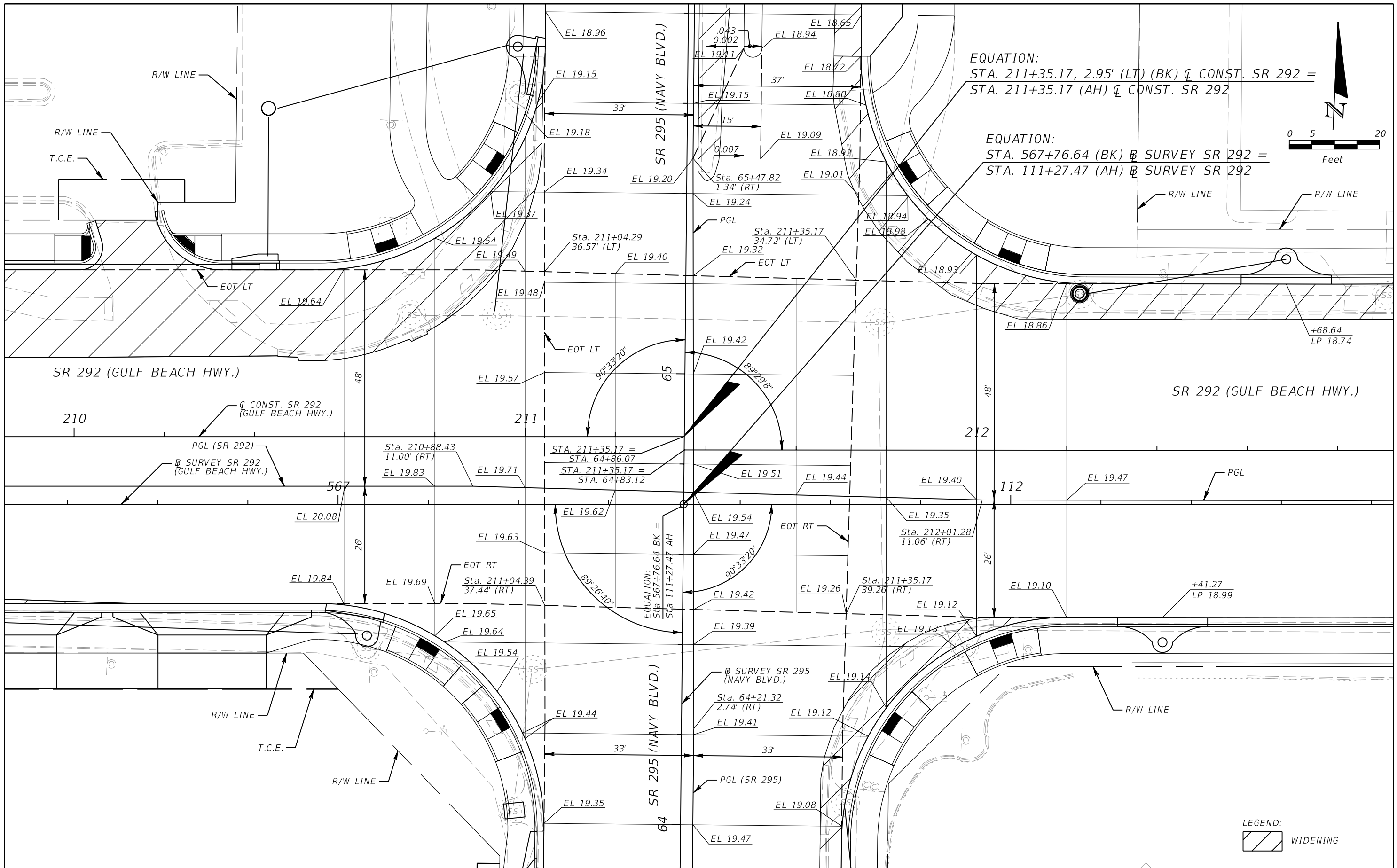
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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**INTERSECTION PROFILE
 DETAIL SR 295**

SHEET NO.
 43

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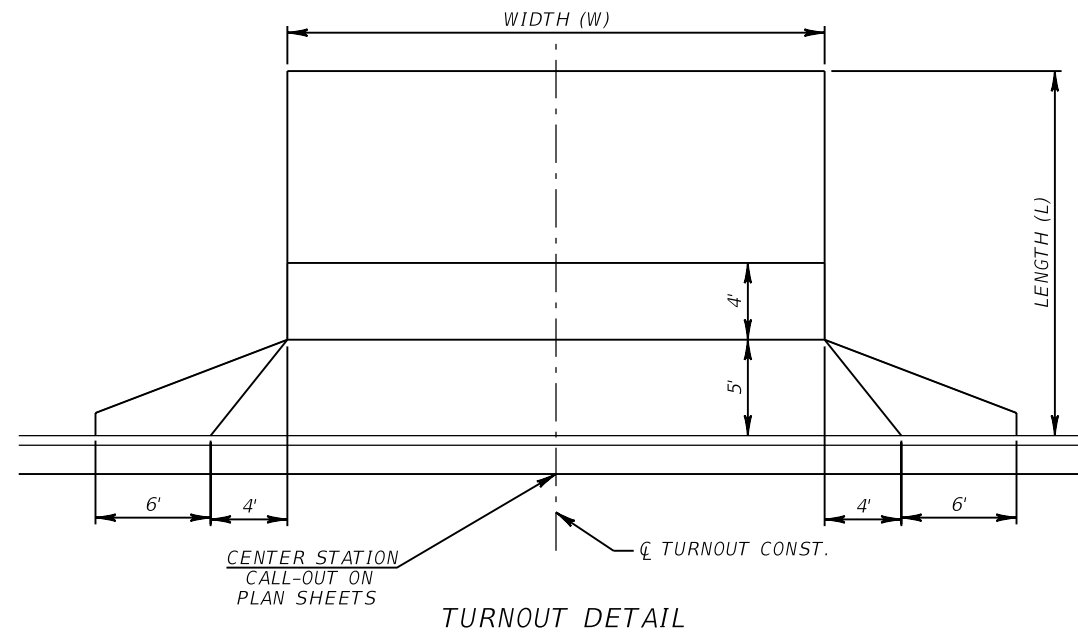
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

INTERSECTION DETAIL

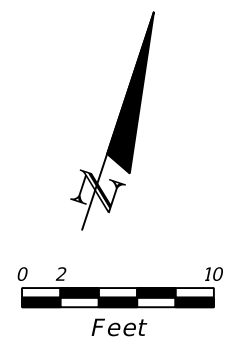
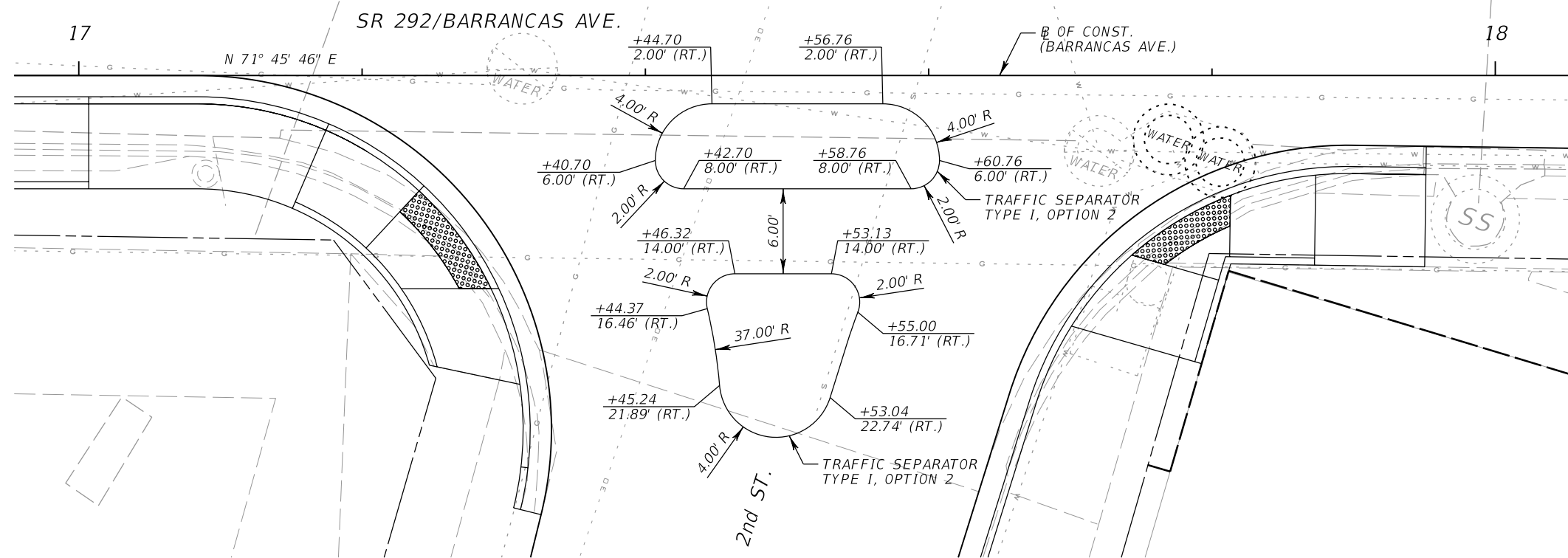
SHEET NO.
44



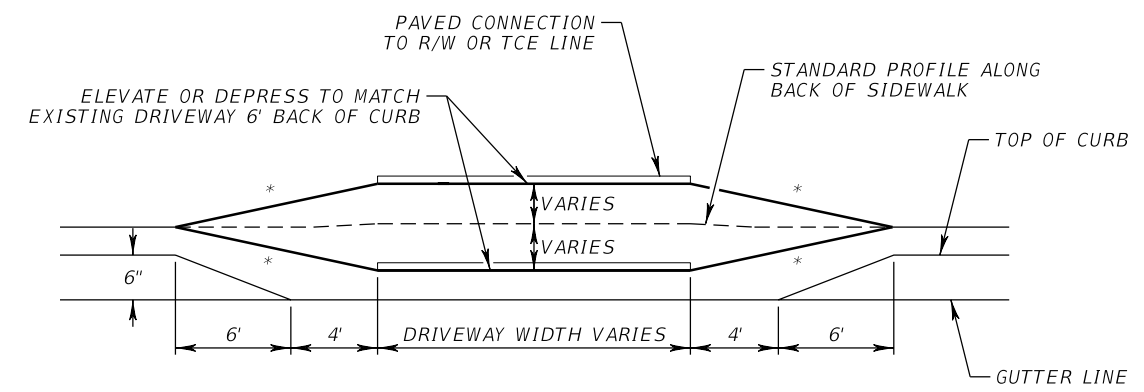
TURNOUTS LOCATIONS					
LOCATION	SIDE	TYPE	WIDTH	LENGTH	REMARKS
STATION					
BARRANCAS AVE.					
11+91.91	LT.		SEE ROADWAY PLANS		
14+96.48	RT.	M3	25.67'	13'	
207+51.18	RT.	M3	15'	12'	
207+53.36	RT.	M3	33'	17'	
208+40.86	RT.	M3	24'	17'	
209+34.36	RT.	M3	24'	17'	
209+84.11	RT.	M3	24'	17'	
210+30.61	RT.	M3	24'	17'	
213+40.76	LT.	M3	24'	12.5'	
213+52.01	RT.	M3	24'	18'	
215+45.64	LT.	M3	24'	23'	
217+80.30	LT.	M3	29'	22'	
219+12.30	LT.	M3	24'	20'	
221+13.84	LT.	M3	24'	18'	
221+61.67	LT.	M3	18'	17'	
NAVY BLVD.					
54+39.49	RT.	M3	45'	17'	
55+22.79	RT.	M3	36'	9'	
55+31.06	LT.	M3	12'	9'	
55+86.56	LT.	M3	24'	13.5'	
56+04.46	RT.	M3	36'	9'	
56+41.00	LT.	M3	24'	16.85'	
58+47.64	RT.		SEE ROADWAY PLANS		
62+64.31	RT.		SEE ROADWAY PLANS		
62+64.76	LT.		SEE ROADWAY PLANS		
63+76.16	LT.	M3	24'	12.5'	

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

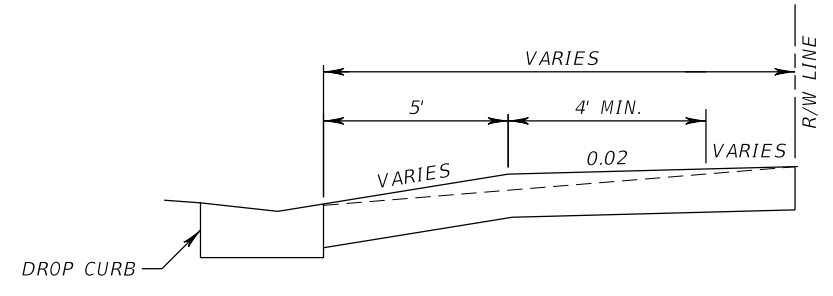
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TRAFFIC ISLAND DETAIL



PROFILE
NTS



CROSS SECTION
NTS

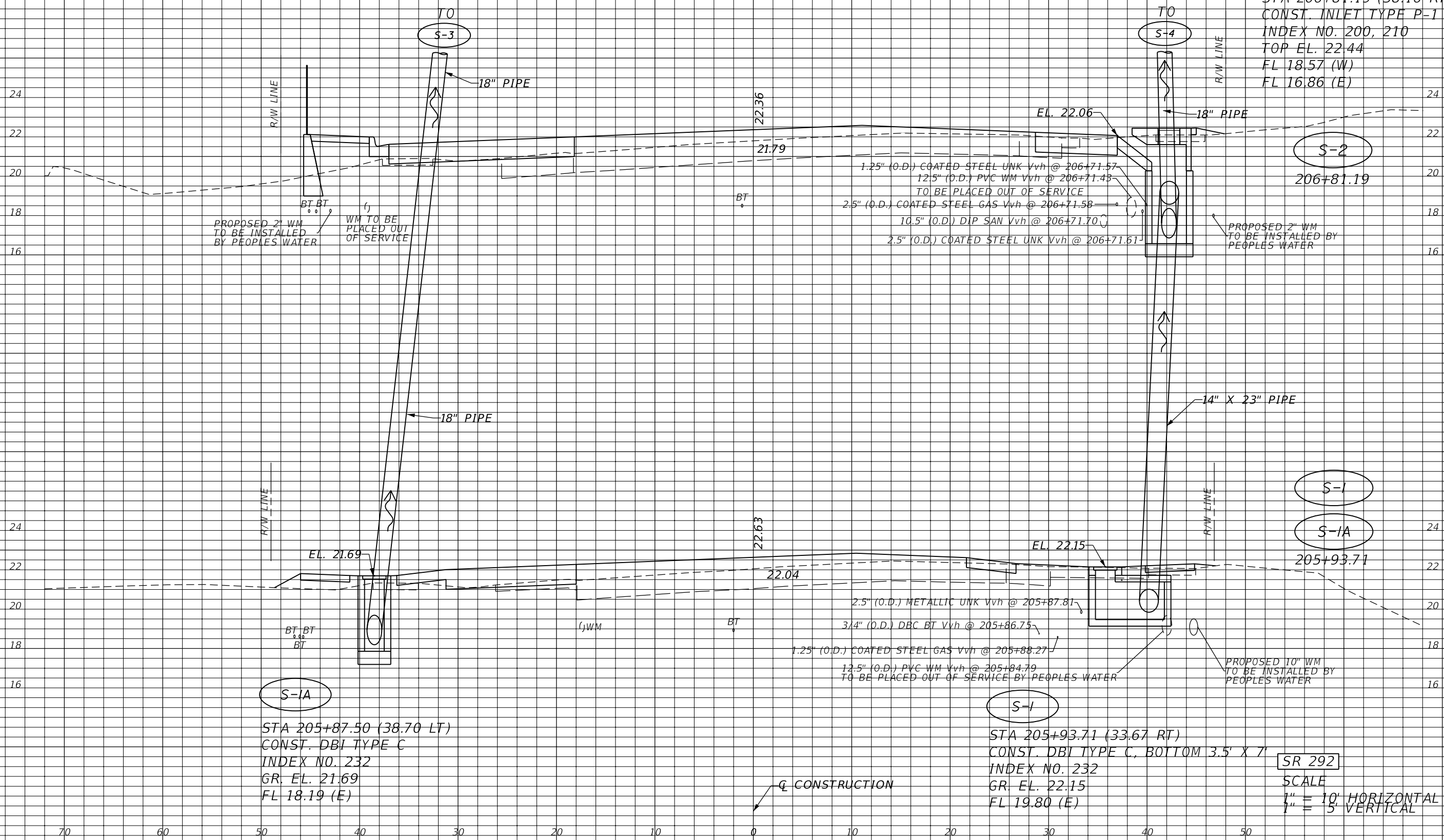
SPECIAL URBAN FLARED TURNOUT DETAILS

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

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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 THESE LOCATIONS.

CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

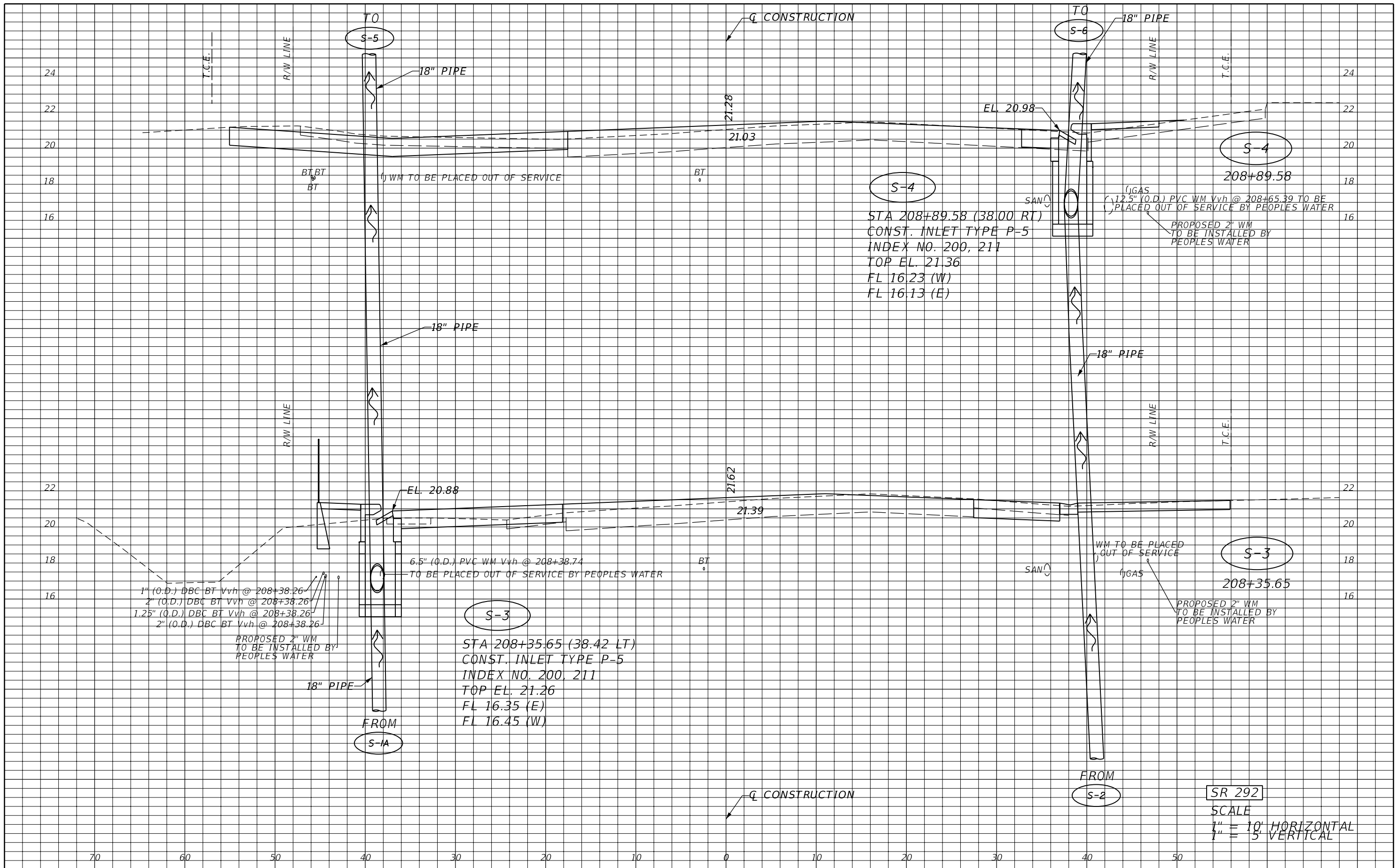
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DRAINAGE STRUCTURES

SHEET NO.
47

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S-4
 STA 208+89.58 (38.00 RT)
 CONST. INLET TYPE P-5
 INDEX NO. 200, 211
 TOP EL. 21.36
 FL 16.23 (W)
 FL 16.13 (E)

S-3
 STA 208+35.65 (38.42 LT)
 CONST. INLET TYPE P-5
 INDEX NO. 200, 211
 TOP EL. 21.26
 FL 16.35 (E)
 FL 16.45 (W)

1" (O.D.) DBC BT Vvh @ 208+38.26
 2" (O.D.) DBC BT Vvh @ 208+38.26
 1.25" (O.D.) DBC BT Vvh @ 208+38.26
 2" (O.D.) DBC BT Vvh @ 208+38.26
 PROPOSED 2" WM
 TO BE INSTALLED BY
 PEOPLES WATER

S-3
 STA 208+35.65
 CONST. INLET TYPE P-5
 INDEX NO. 200, 211
 TOP EL. 21.26
 FL 16.35 (E)
 FL 16.45 (W)

SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

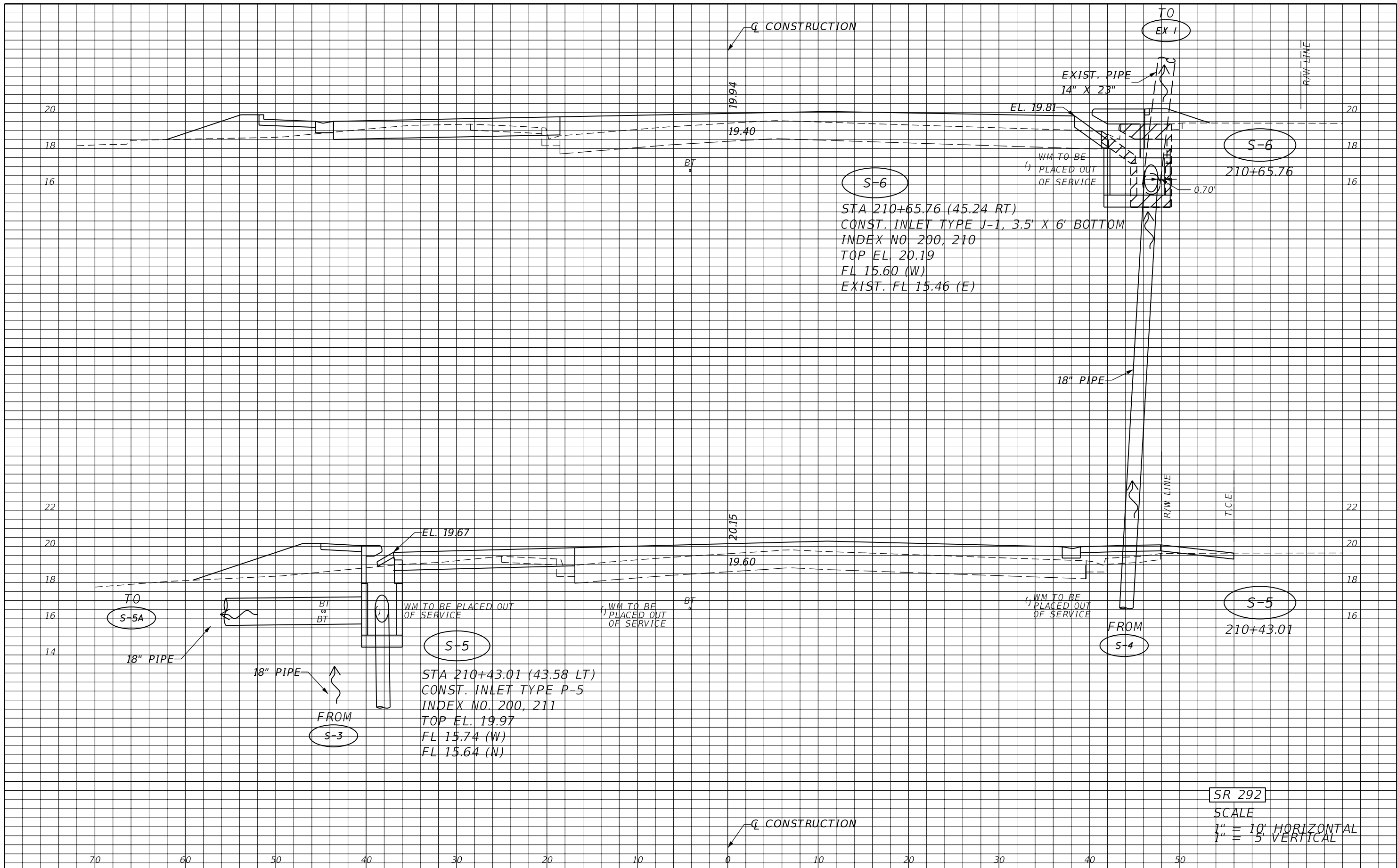
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
48

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SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

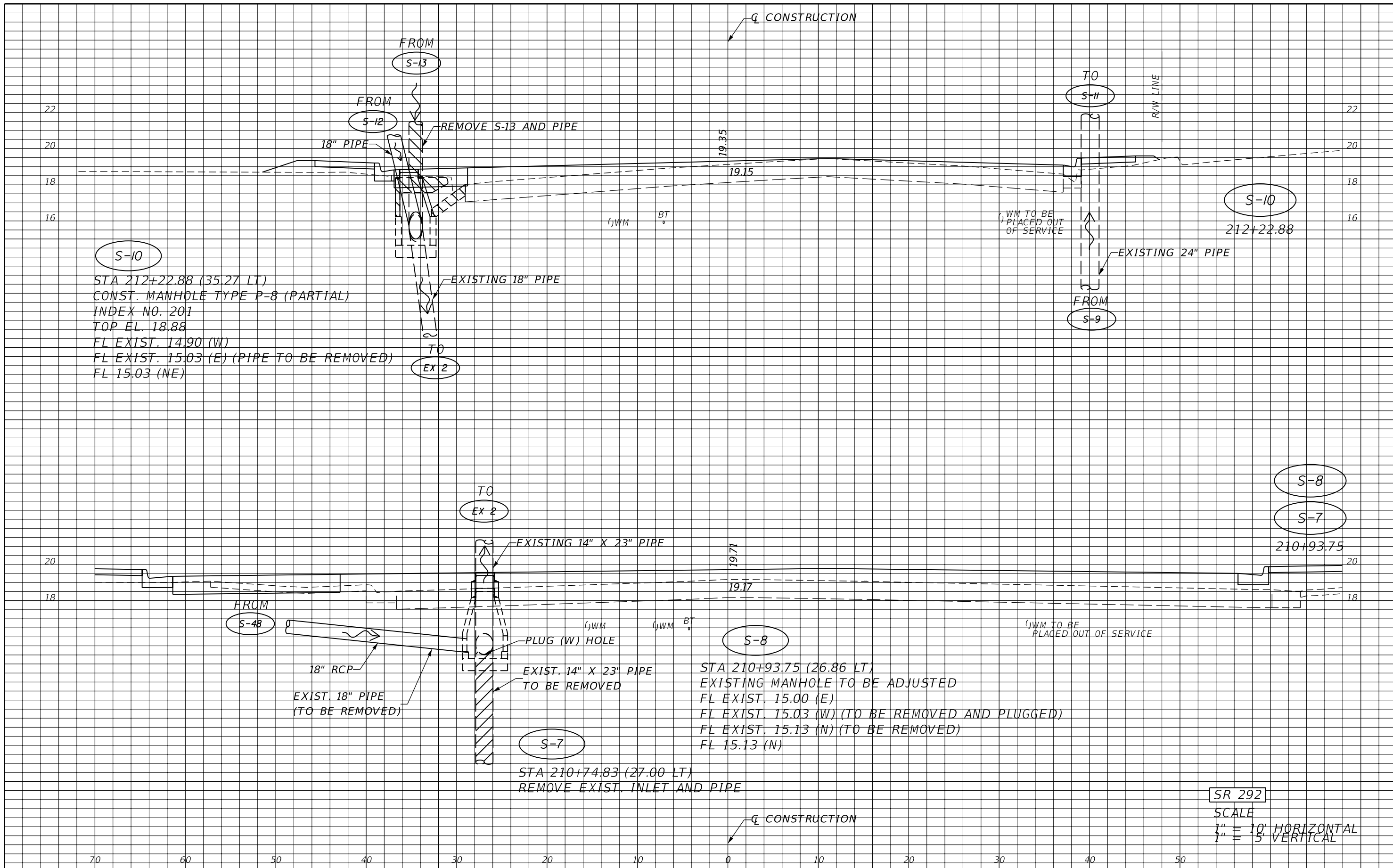
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
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 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
49

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S-10
 STA 212+22.88 (35.27 LT)
 CONST. MANHOLE TYPE P-8 (PARTIAL)
 INDEX NO. 201
 TOP EL. 18.88
 FL EXIST. 14.90 (W)
 FL EXIST. 15.03 (E) (PIPE TO BE REMOVED)
 FL 15.03 (NE)

S-8
 STA 210+93.75 (26.86 LT)
 EXISTING MANHOLE TO BE ADJUSTED
 FL EXIST. 15.00 (E)
 FL EXIST. 15.03 (W) (TO BE REMOVED AND PLUGGED)
 FL EXIST. 15.13 (N) (TO BE REMOVED)
 FL 15.13 (N)

S-7
 STA 210+74.83 (27.00 LT)
 REMOVE EXIST. INLET AND PIPE

SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

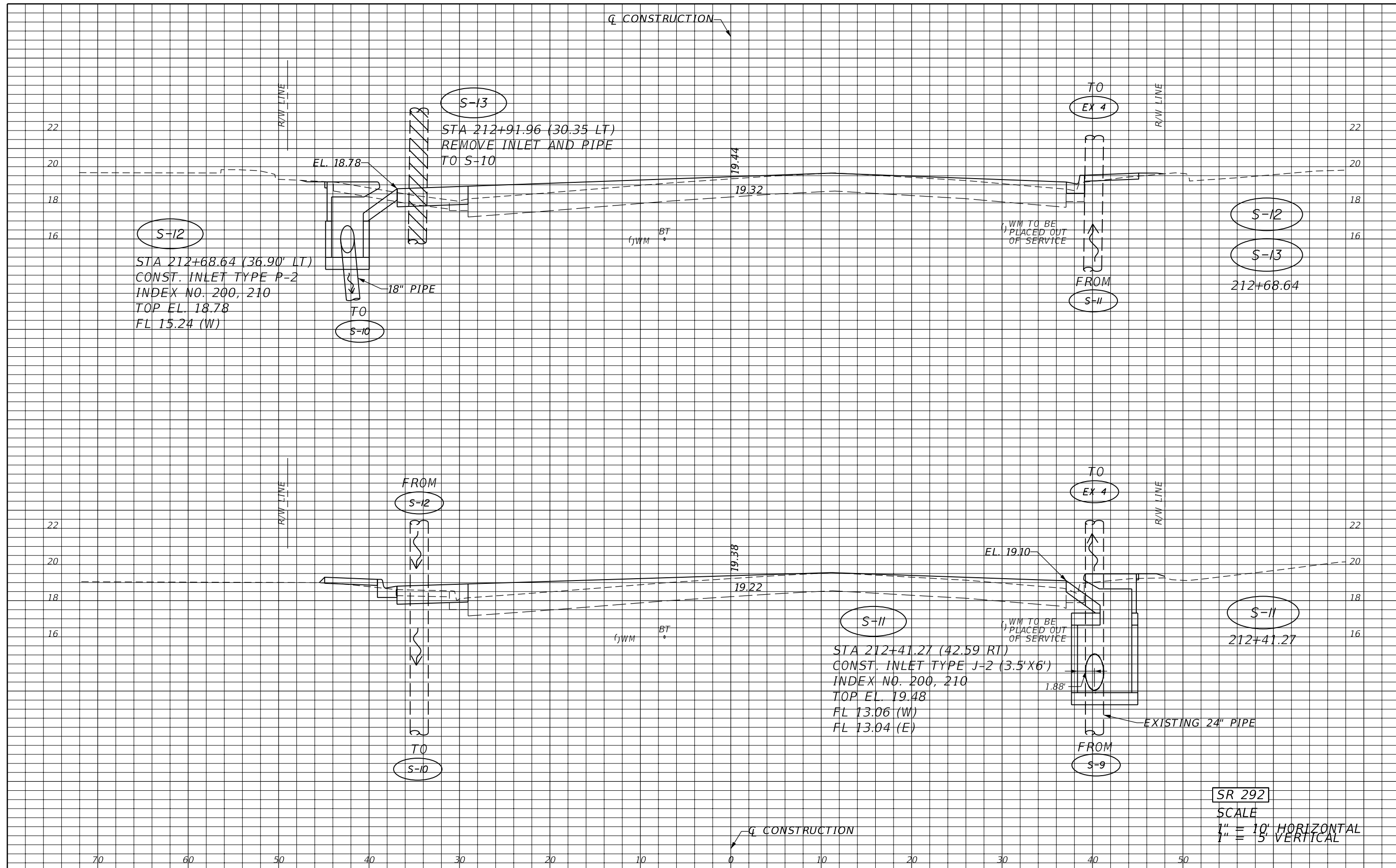
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES
 SHEET NO. 50

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SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

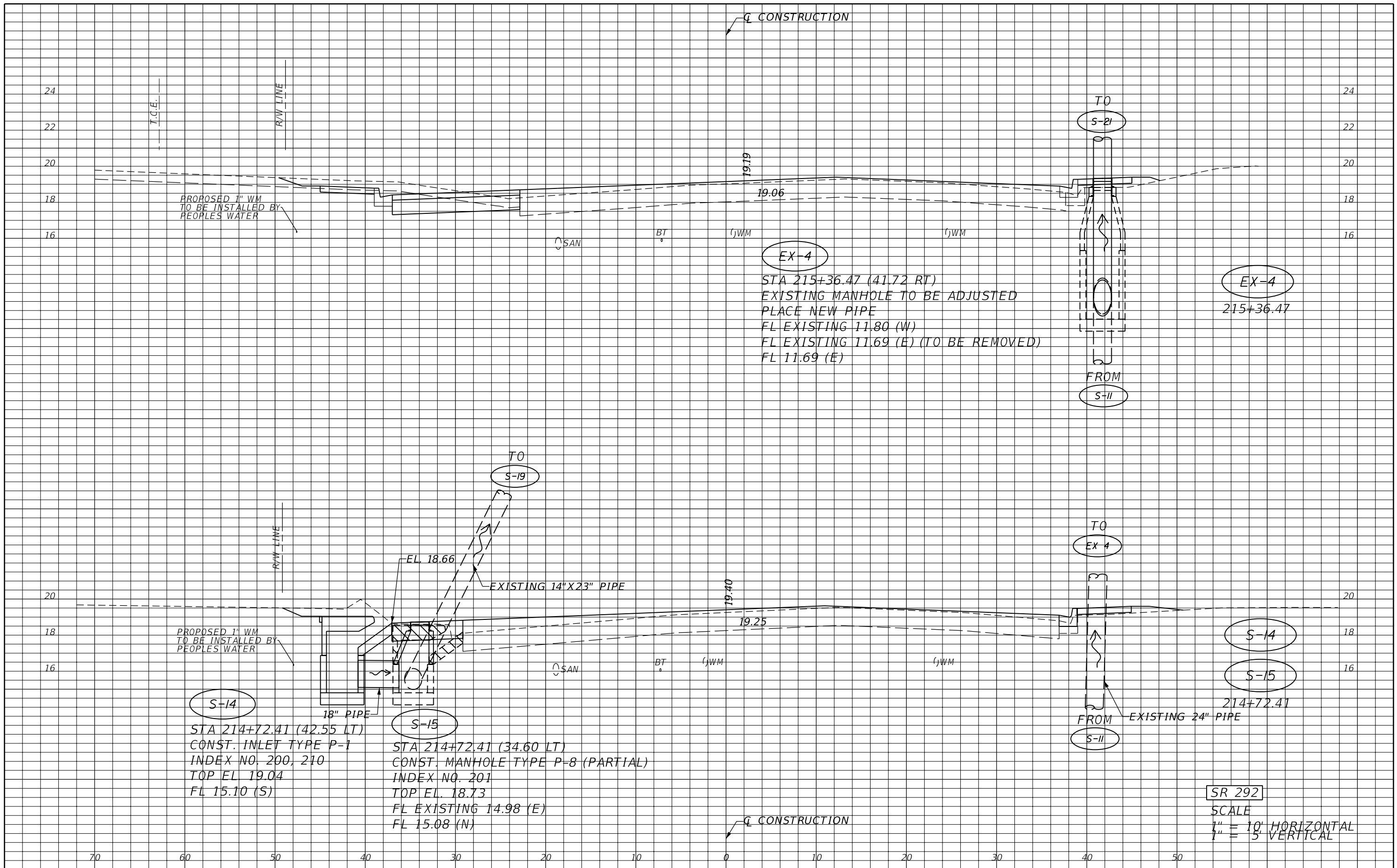
JESSICA BLOOMFIELD, P.E.
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 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
51

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SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

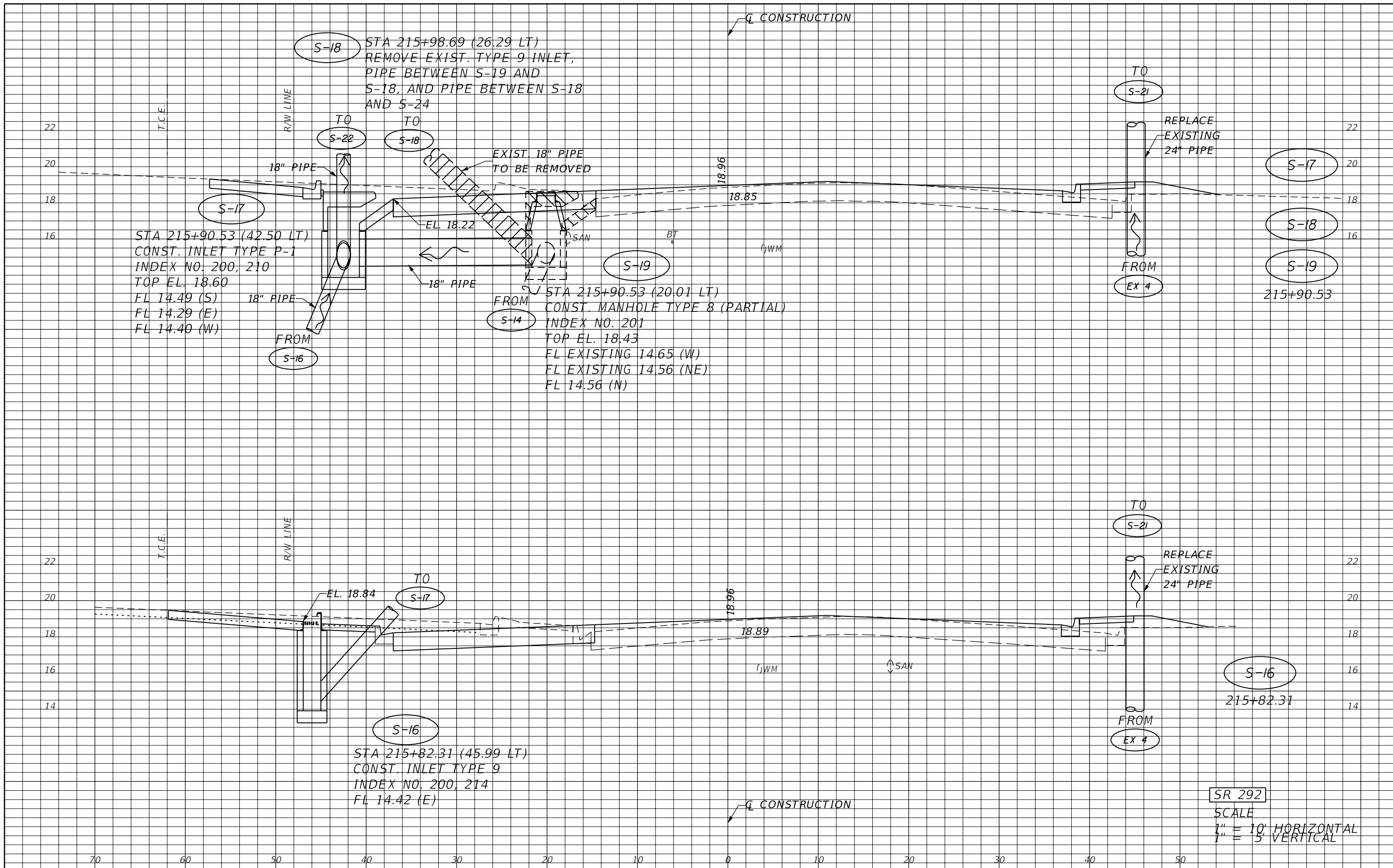
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DRAINAGE STRUCTURES

SHEET NO.
52

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SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

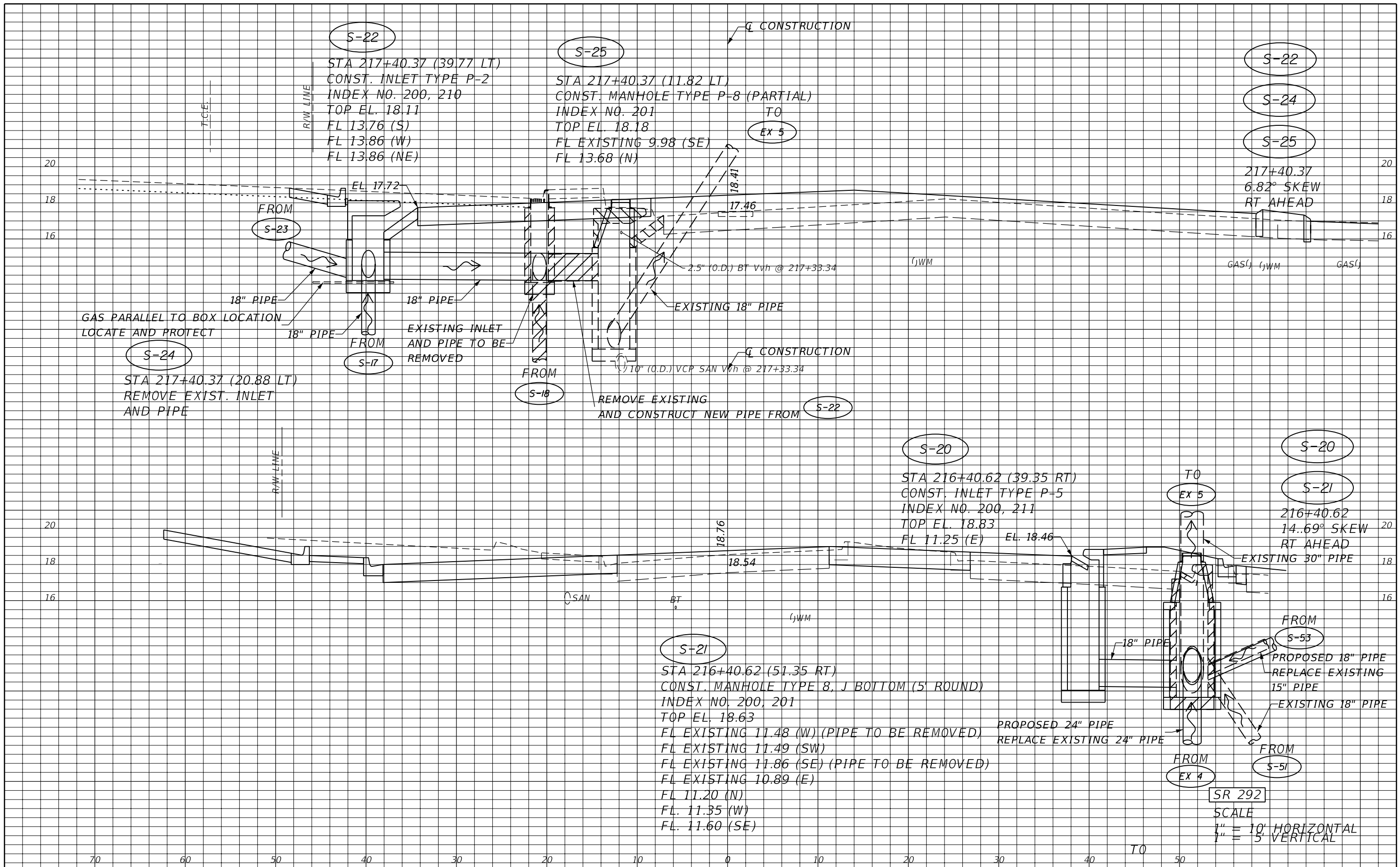
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES		SHEET NO. 53
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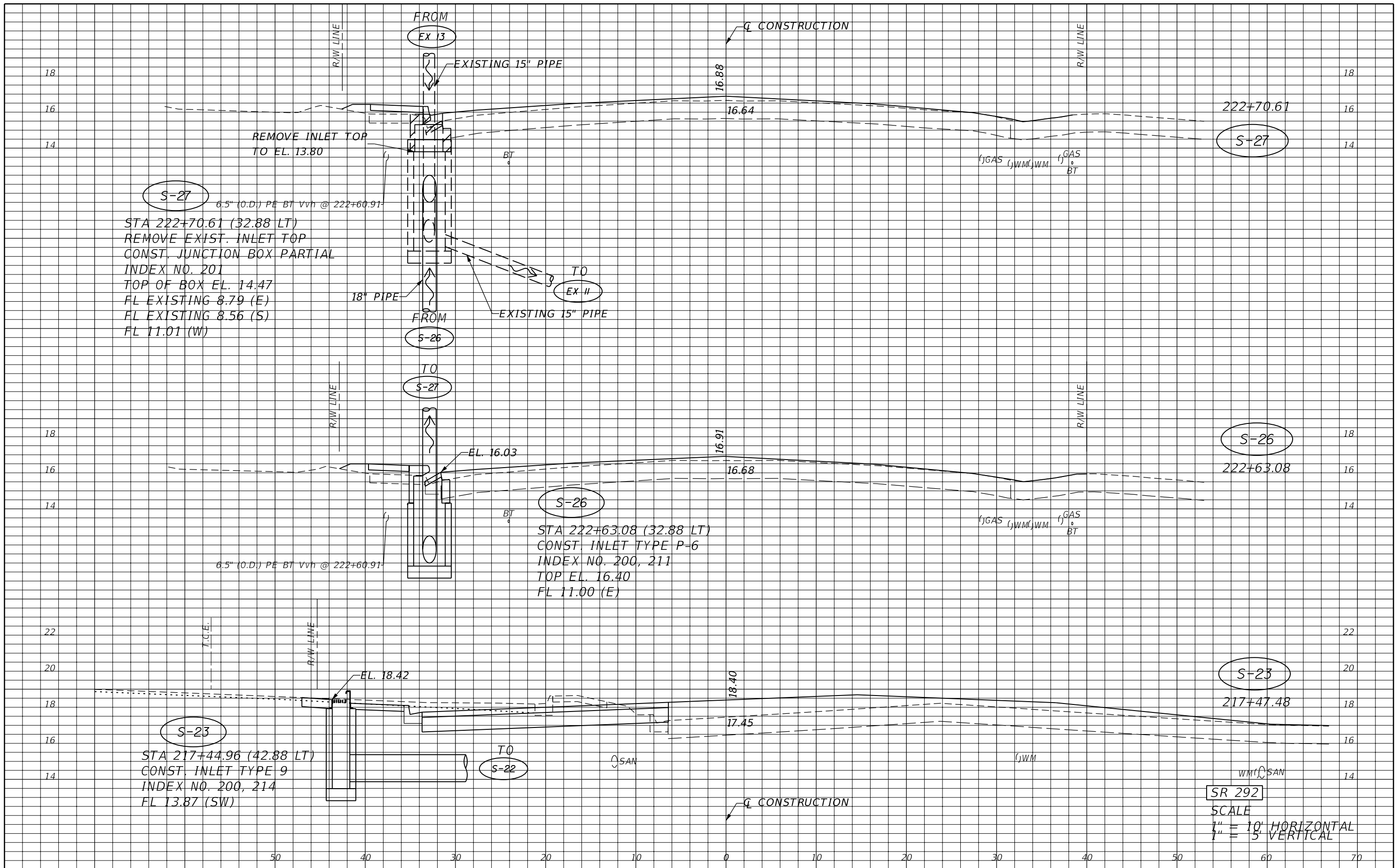


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REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 292	ESCAMBIA	409792-7-52-01		

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

SR 292
SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL



S-27
 6.5" (O.D.) PE BT Vvh @ 222+60.91
 STA 222+70.61 (32.88 LT)
 REMOVE EXIST. INLET TOP
 CONST. JUNCTION BOX PARTIAL
 INDEX NO. 201
 TOP OF BOX EL. 14.47
 FL EXISTING 8.79 (E)
 FL EXISTING 8.56 (S)
 FL 11.01 (W)

S-26
 STA 222+63.08 (32.88 LT)
 CONST. INLET TYPE P-6
 INDEX NO. 200, 211
 TOP EL. 16.40
 FL 11.00 (E)

S-23
 STA 217+44.96 (42.88 LT)
 CONST. INLET TYPE 9
 INDEX NO. 200, 214
 FL 13.87 (SW)

SR 292
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

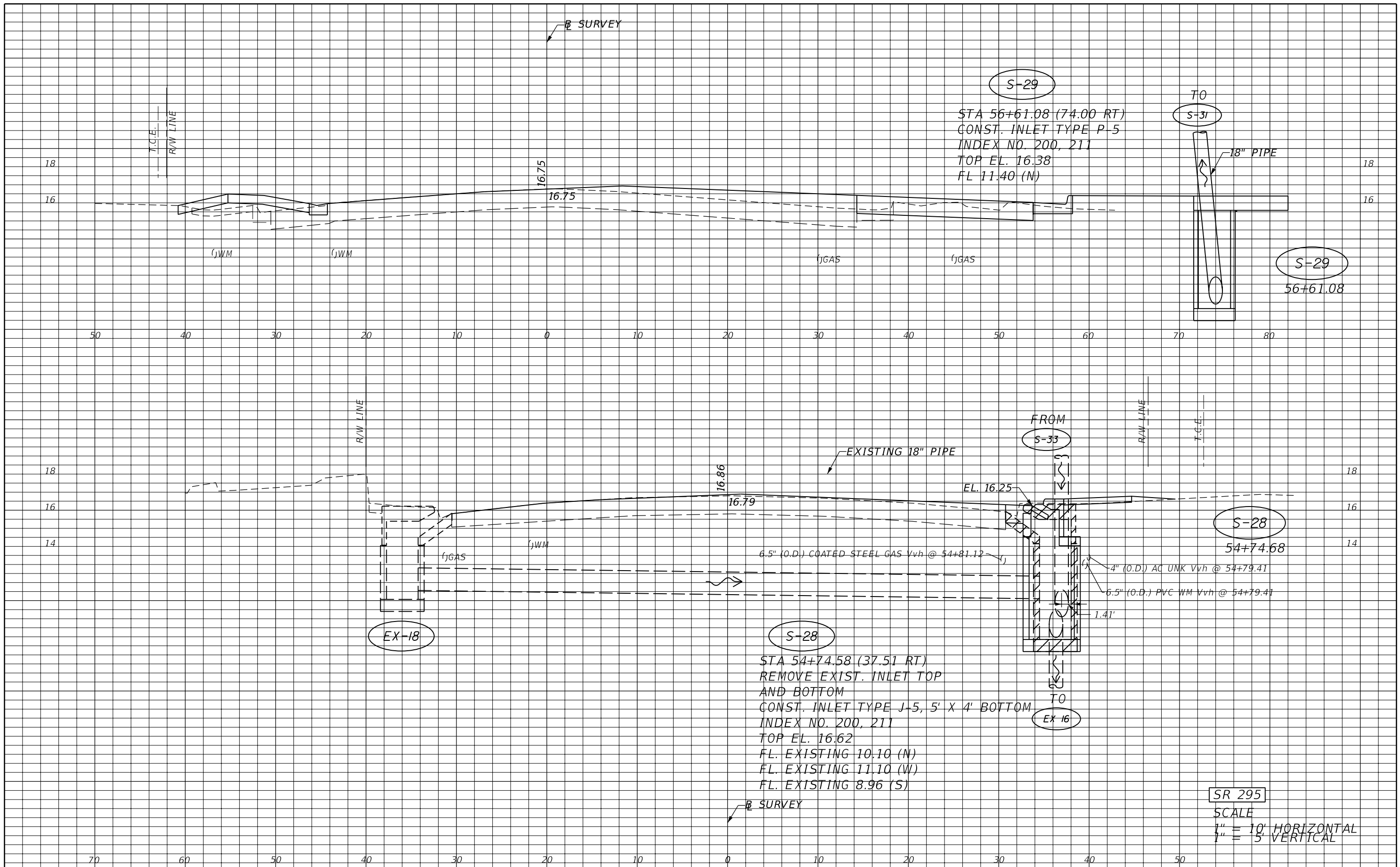
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
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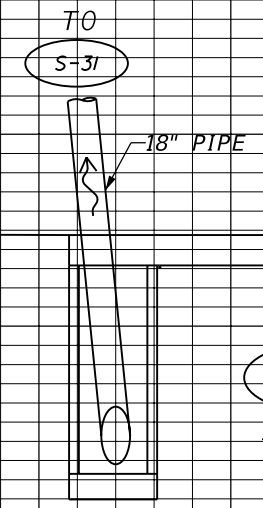
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DRAINAGE STRUCTURES
 SHEET NO. 55

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S-29
 STA 56+61.08 (74.00 RT)
 CONST. INLET TYPE P-5
 INDEX NO. 200, 211
 TOP EL. 16.38
 FL 11.40 (N)



S-29
 56+61.08

S-28
 STA 54+74.58 (37.51 RT)
 REMOVE EXIST. INLET TOP
 AND BOTTOM
 CONST. INLET TYPE J-5, 5' X 4' BOTTOM
 INDEX NO. 200, 211
 TOP EL. 16.62
 FL. EXISTING 10.10 (N)
 FL. EXISTING 11.10 (W)
 FL. EXISTING 8.96 (S)

FROM
 S-33

TO
 EX 16

S-28
 54+74.68

SR 295
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

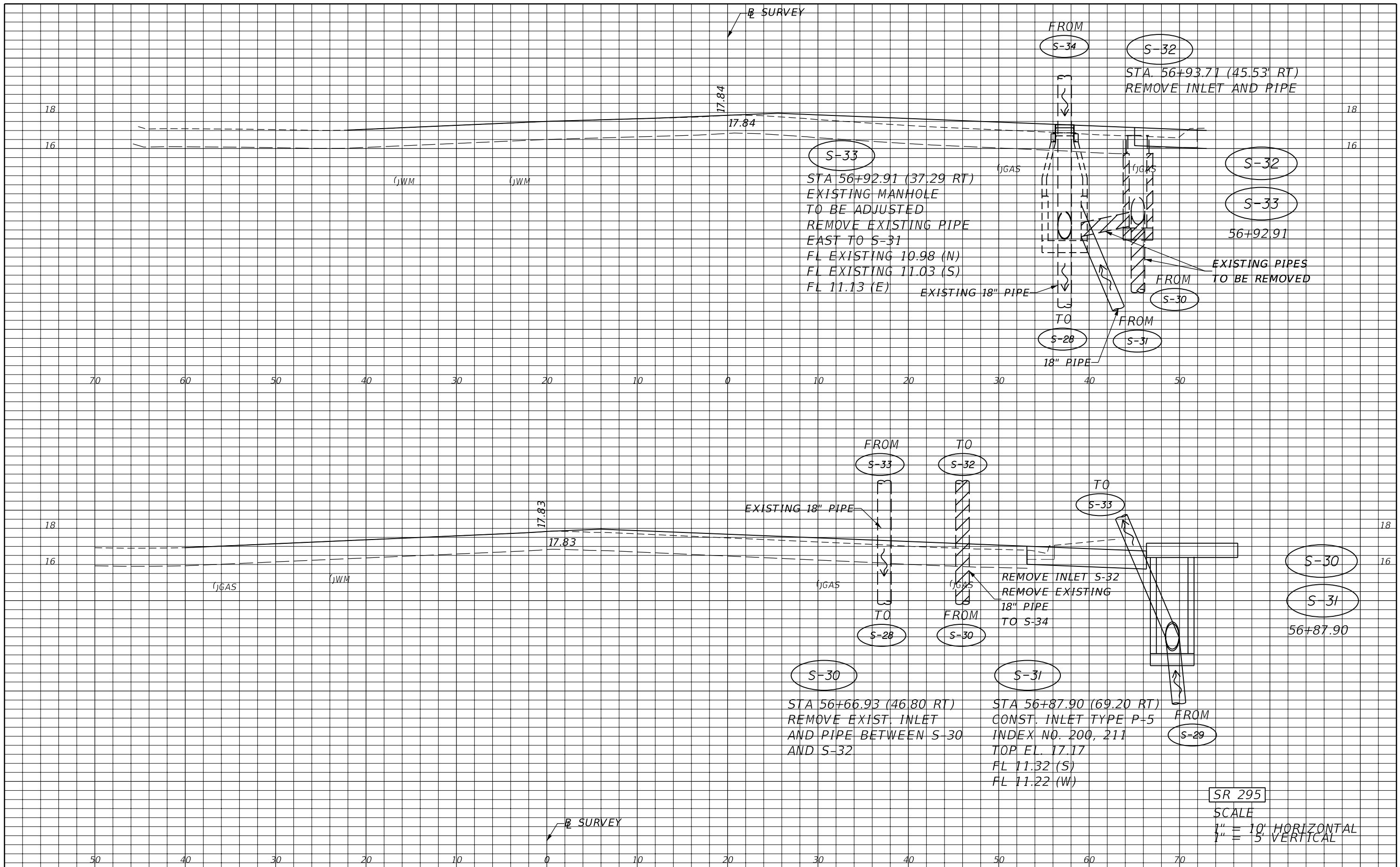
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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DRAINAGE STRUCTURES

SHEET NO.
56

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SR 295
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

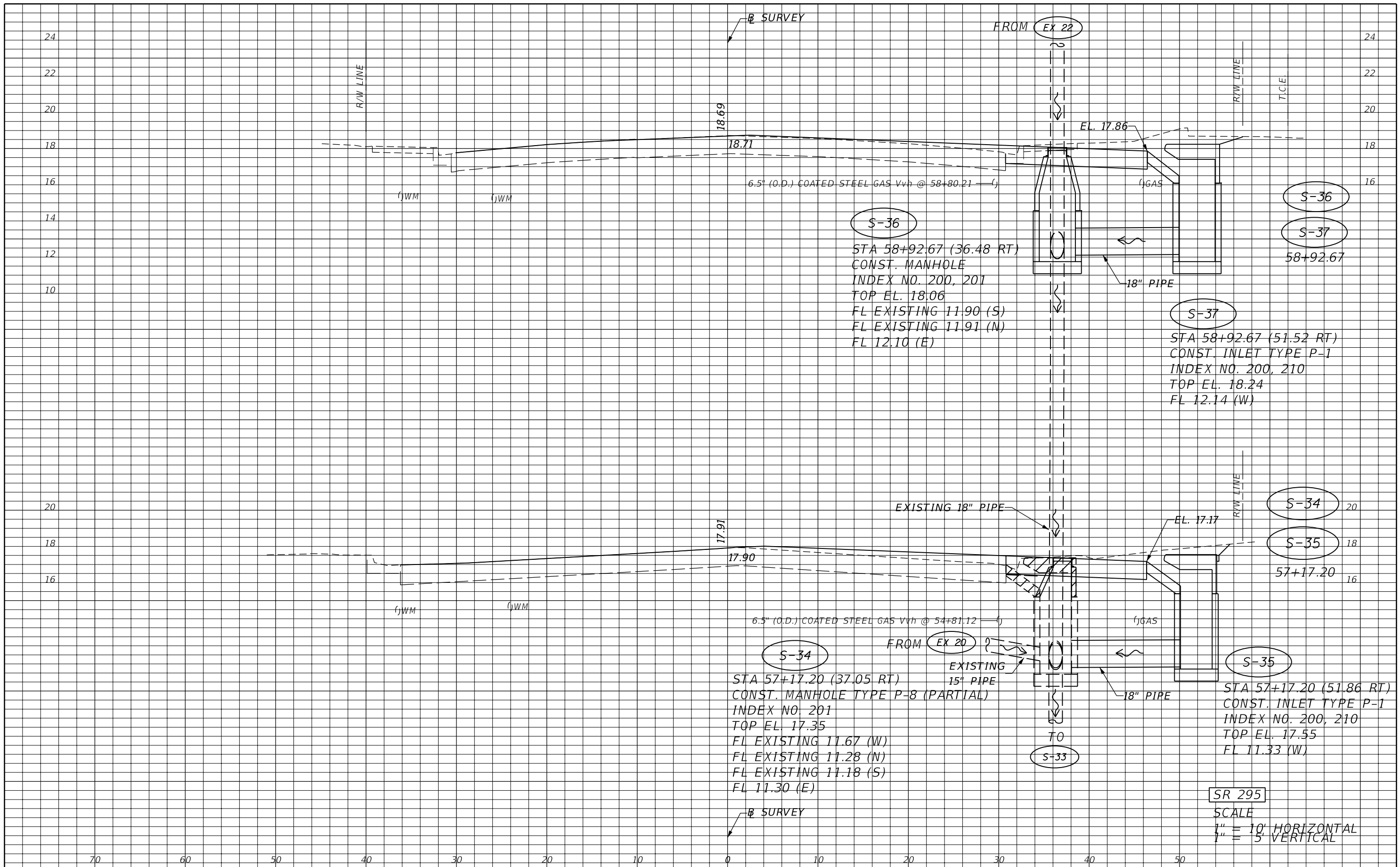
JESSICA BLOOMFIELD, P.E.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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DRAINAGE STRUCTURES

SHEET NO.
57

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

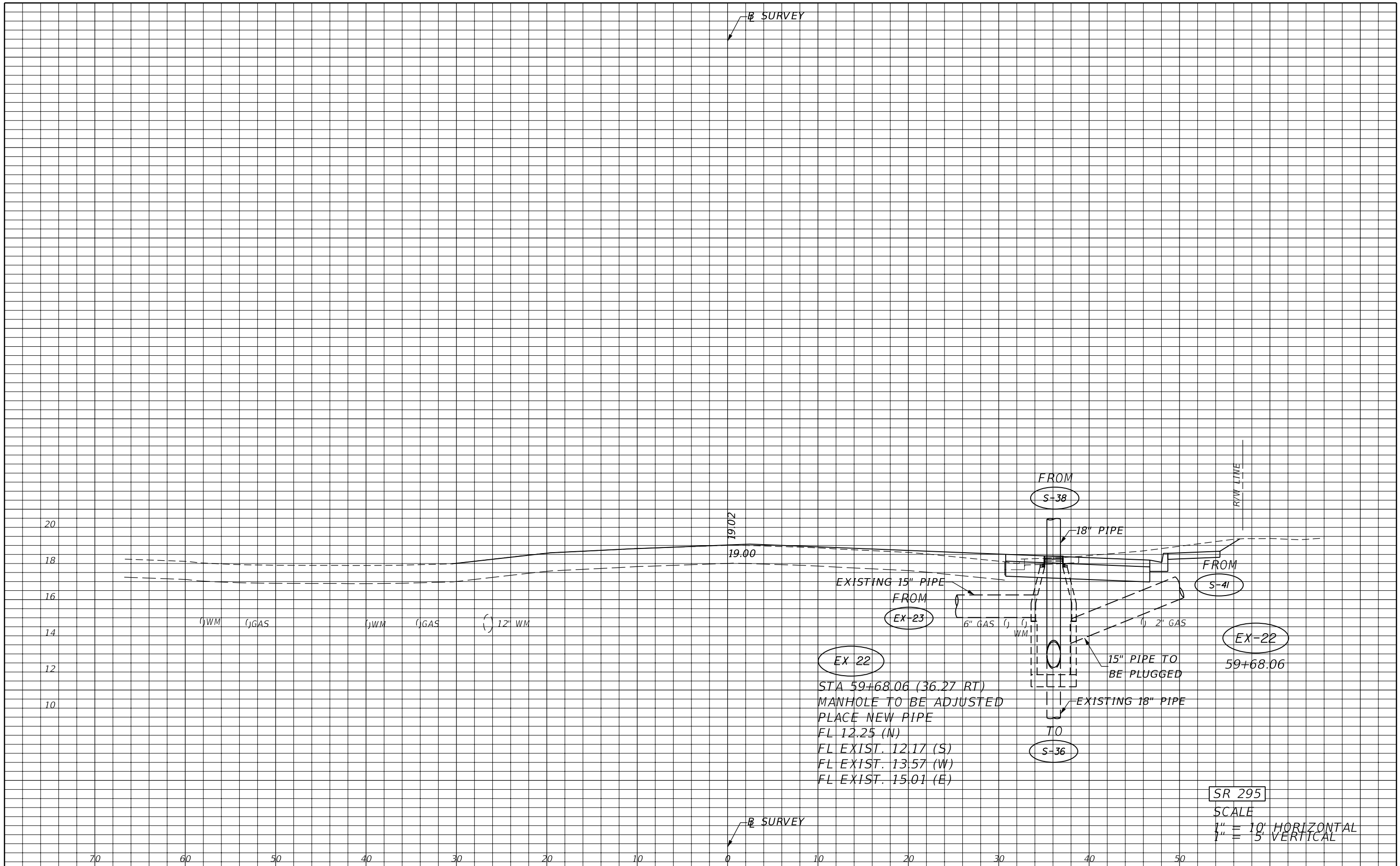
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DRAINAGE STRUCTURES

SHEET NO.
58

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EX 22

STA 59+68.06 (36.27 RT)
 MANHOLE TO BE ADJUSTED
 PLACE NEW PIPE
 FL 12.25 (N)
 FL EXIST. 12.17 (S)
 FL EXIST. 13.57 (W)
 FL EXIST. 15.01 (E)

FROM
S-38

TO
S-36

FROM
S-41

EX-22
59+68.06

SR 295

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

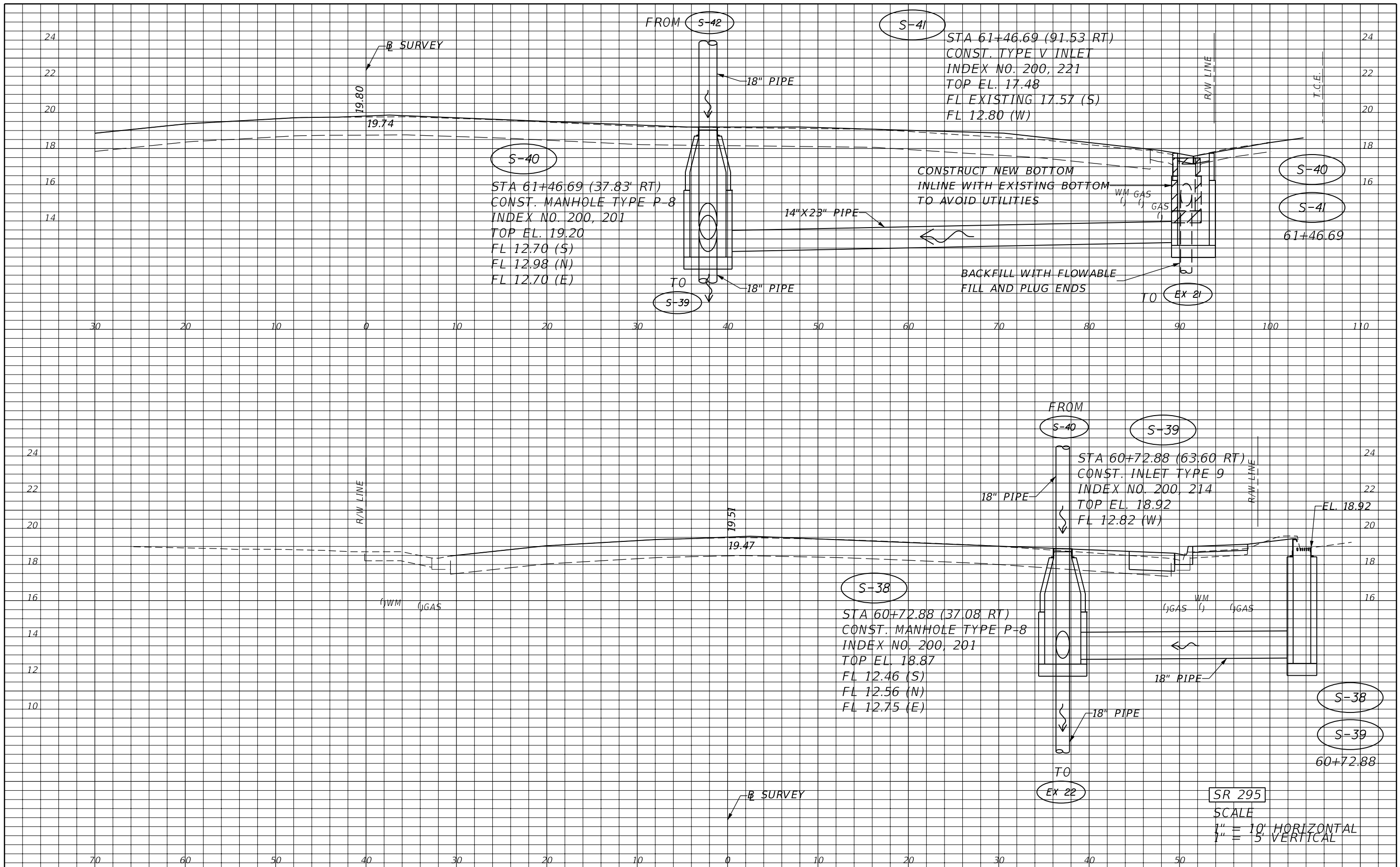
JESSICA BLOOMFIELD, P.E.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
59

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SR 295
SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

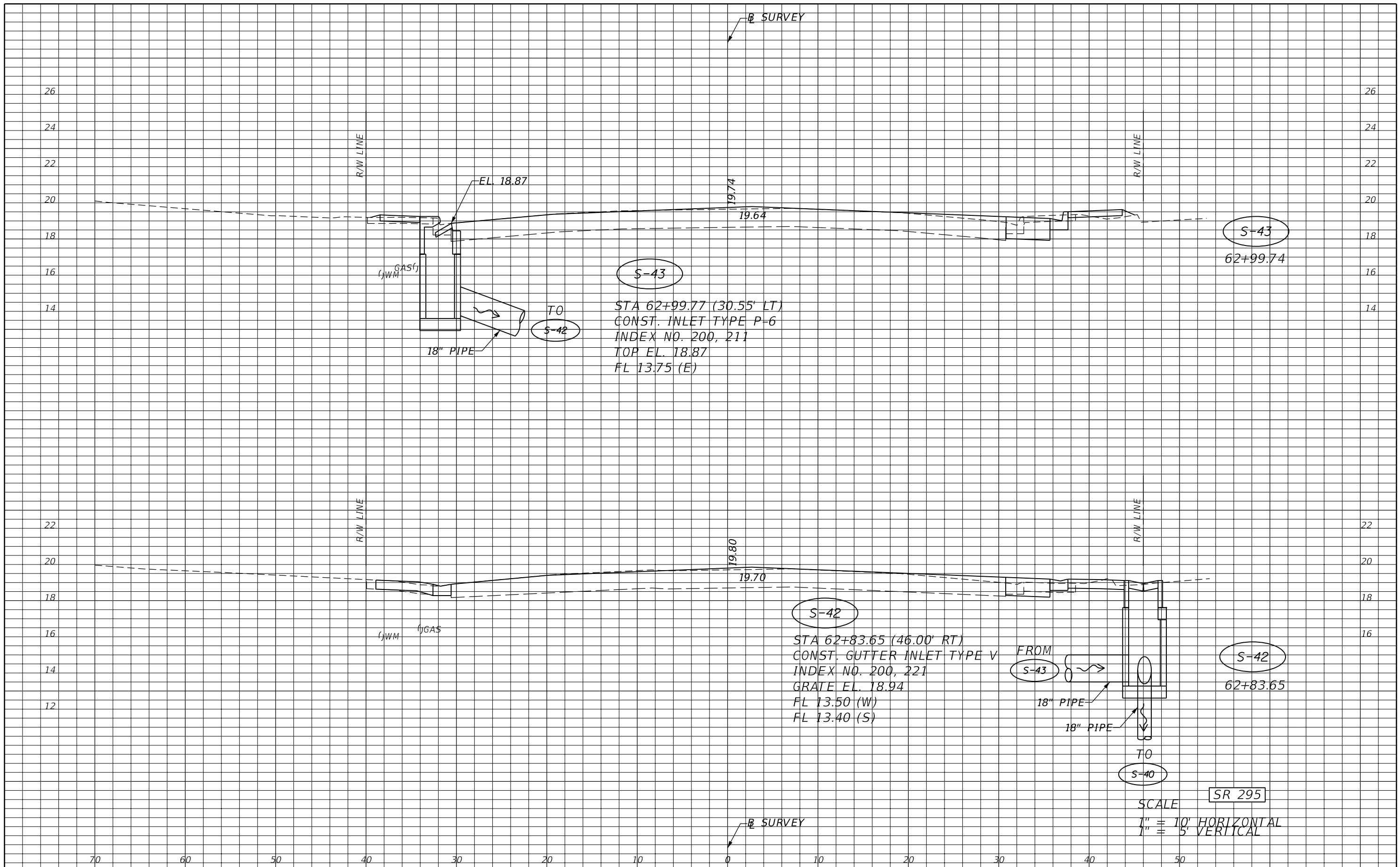
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
60

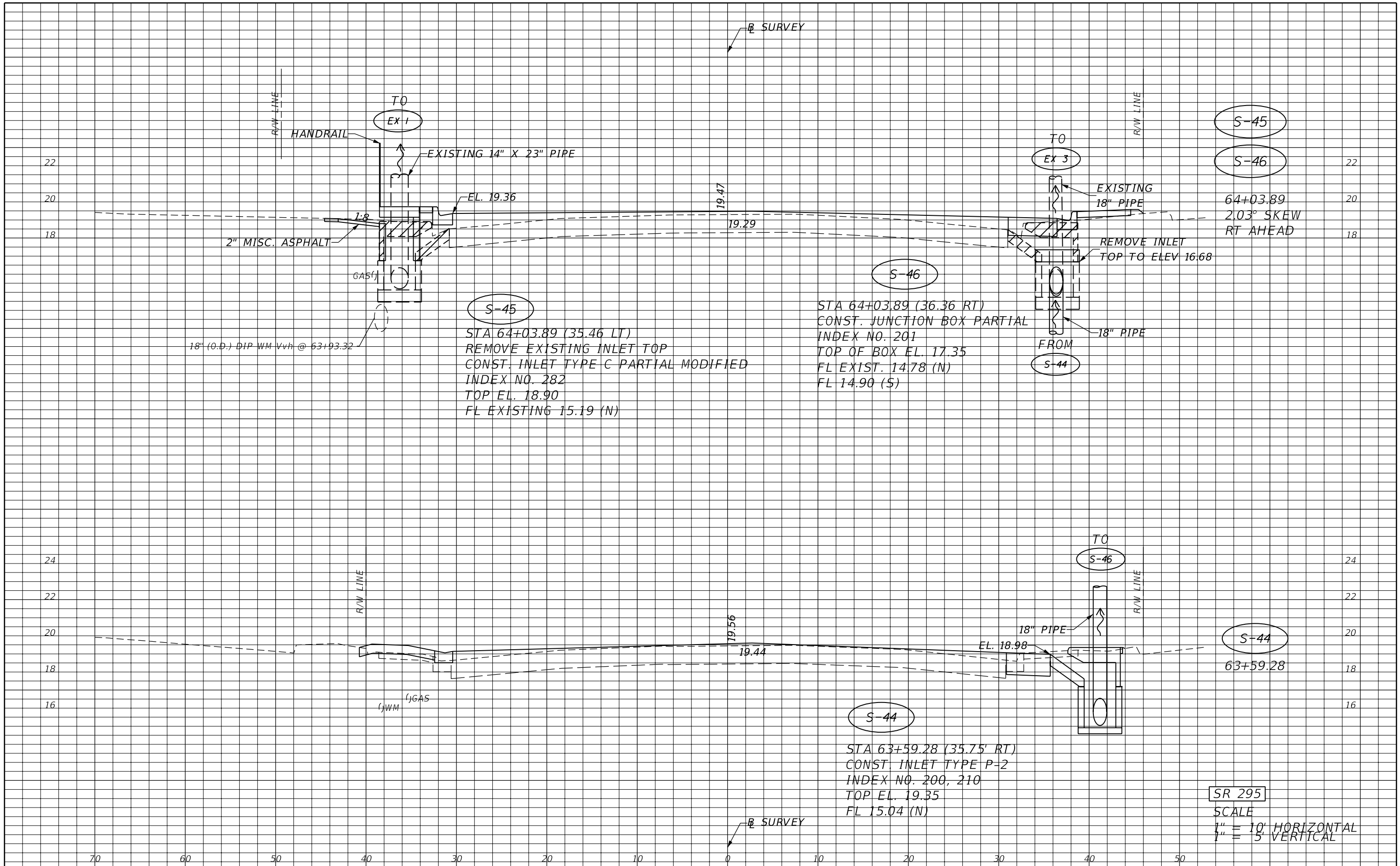
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 61
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 292	ESCAMBIA	409792-7-52-01		

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294



18" (O.D.) DIP WM Vvh @ 63+93.32

S-45
 STA 64+03.89 (35.46 LT)
 REMOVE EXISTING INLET TOP
 CONST. INLET TYPE C PARTIAL MODIFIED
 INDEX NO. 282
 TOP EL. 18.90
 FL EXISTING 15.19 (N)

S-46
 STA 64+03.89 (36.36 RT)
 CONST. JUNCTION BOX PARTIAL
 INDEX NO. 201
 TOP OF BOX EL. 17.35
 FL EXIST. 14.78 (N)
 FL 14.90 (S)

S-44
 STA 63+59.28 (35.75 RT)
 CONST. INLET TYPE P-2
 INDEX NO. 200, 210
 TOP EL. 19.35
 FL 15.04 (N)

S-45

S-46

S-44

SR 295

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

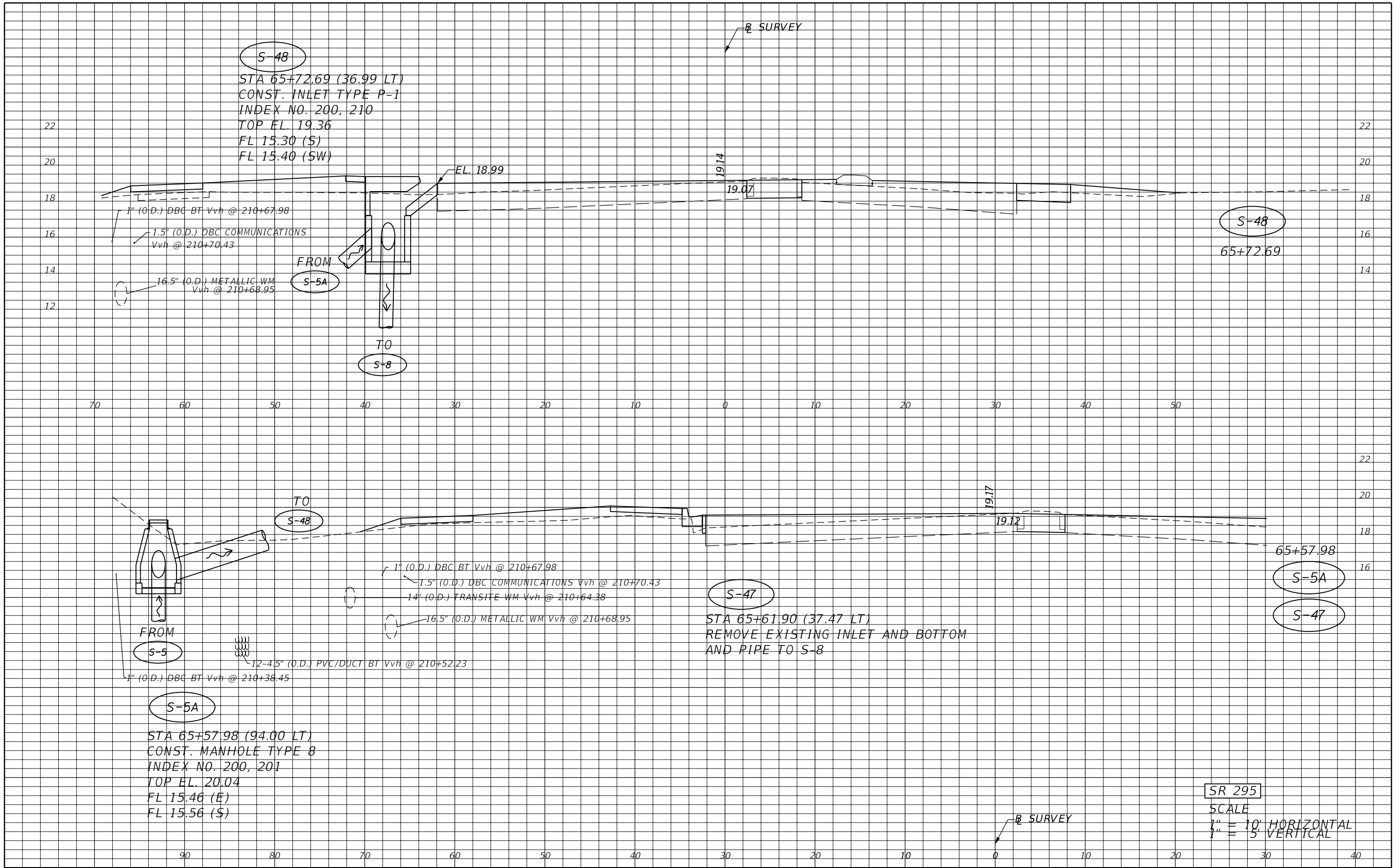
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
62

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



S-48
 STA 65+72.69 (36.99 LT)
 CONST. INLET TYPE P-1
 INDEX NO. 200, 210
 TOP EL. 19.36
 FL 15.30 (S)
 FL 15.40 (SW)

S-48
 65+72.69

S-5A
 STA 65+57.98 (94.00 LT)
 CONST. MANHOLE TYPE 8
 INDEX NO. 200, 201
 TOP EL. 20.04
 FL 15.46 (E)
 FL 15.56 (S)

S-5A
S-47
 65+57.98

S-47
 STA 65+61.90 (37.47 LT)
 REMOVE EXISTING INLET AND BOTTOM
 AND PIPE TO S-8

SR 295
 SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

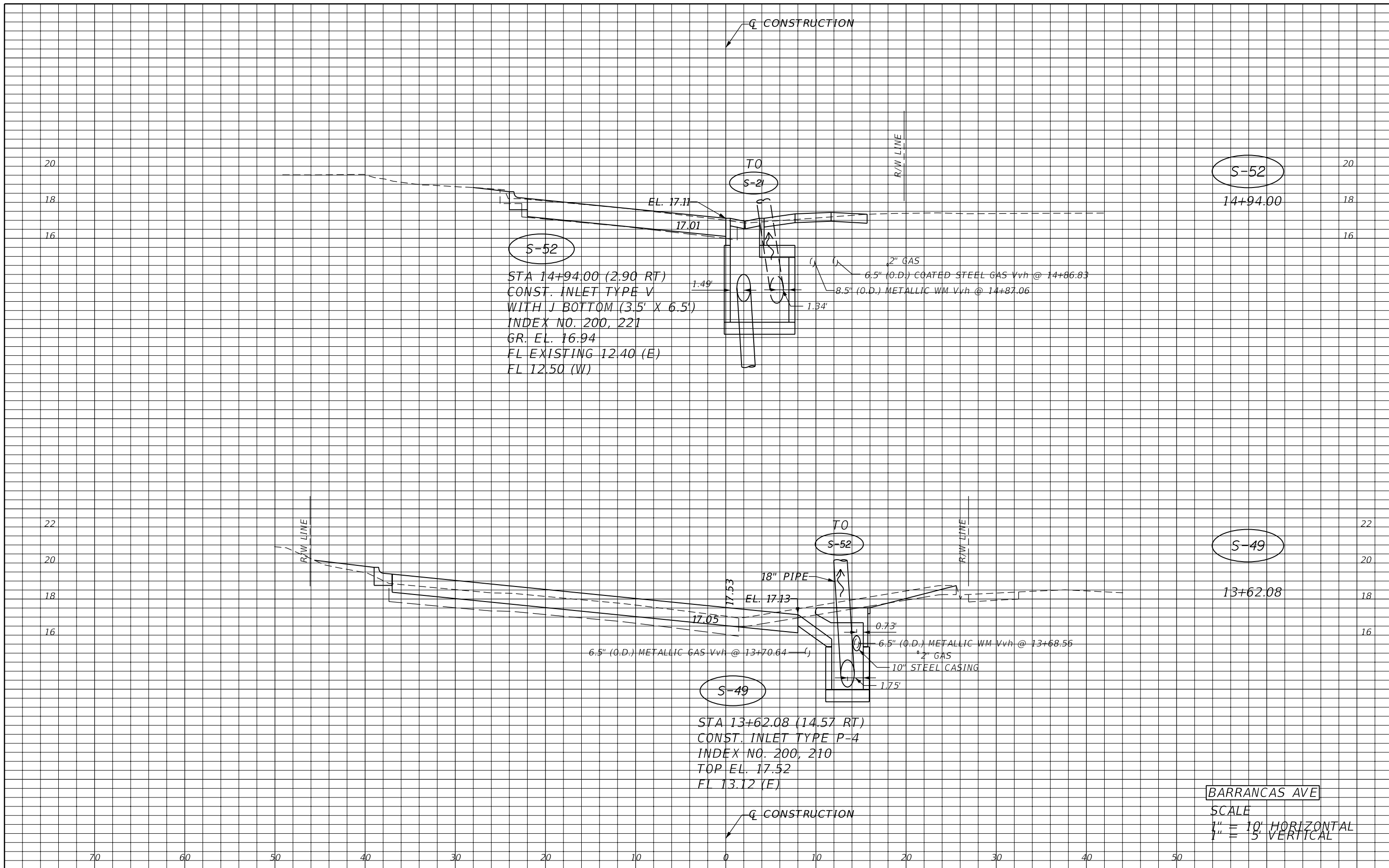
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

DRAINAGE STRUCTURES

SHEET NO.
63

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

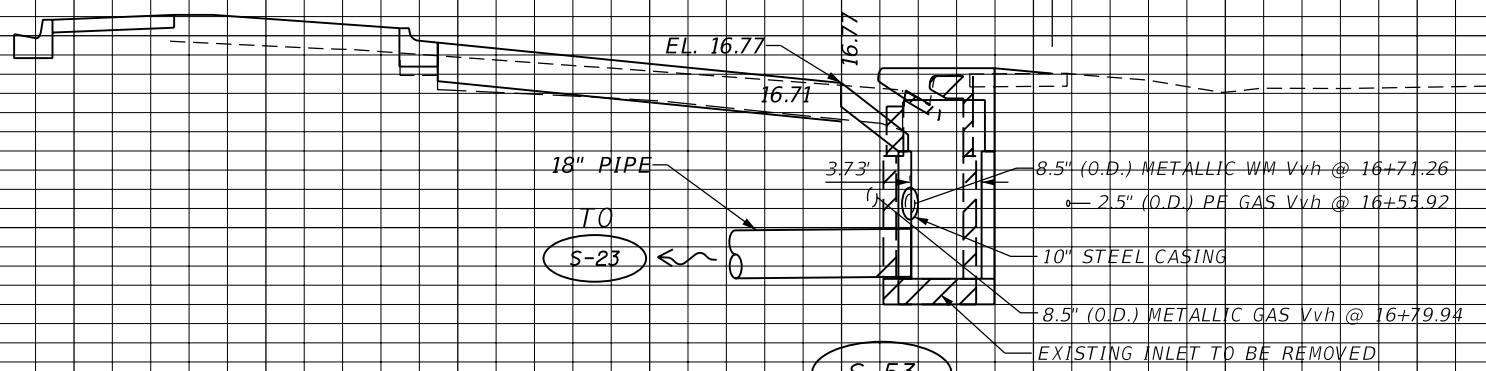
DRAINAGE STRUCTURES

SHEET NO.
64

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

CONSTRUCTION

R/W LINE

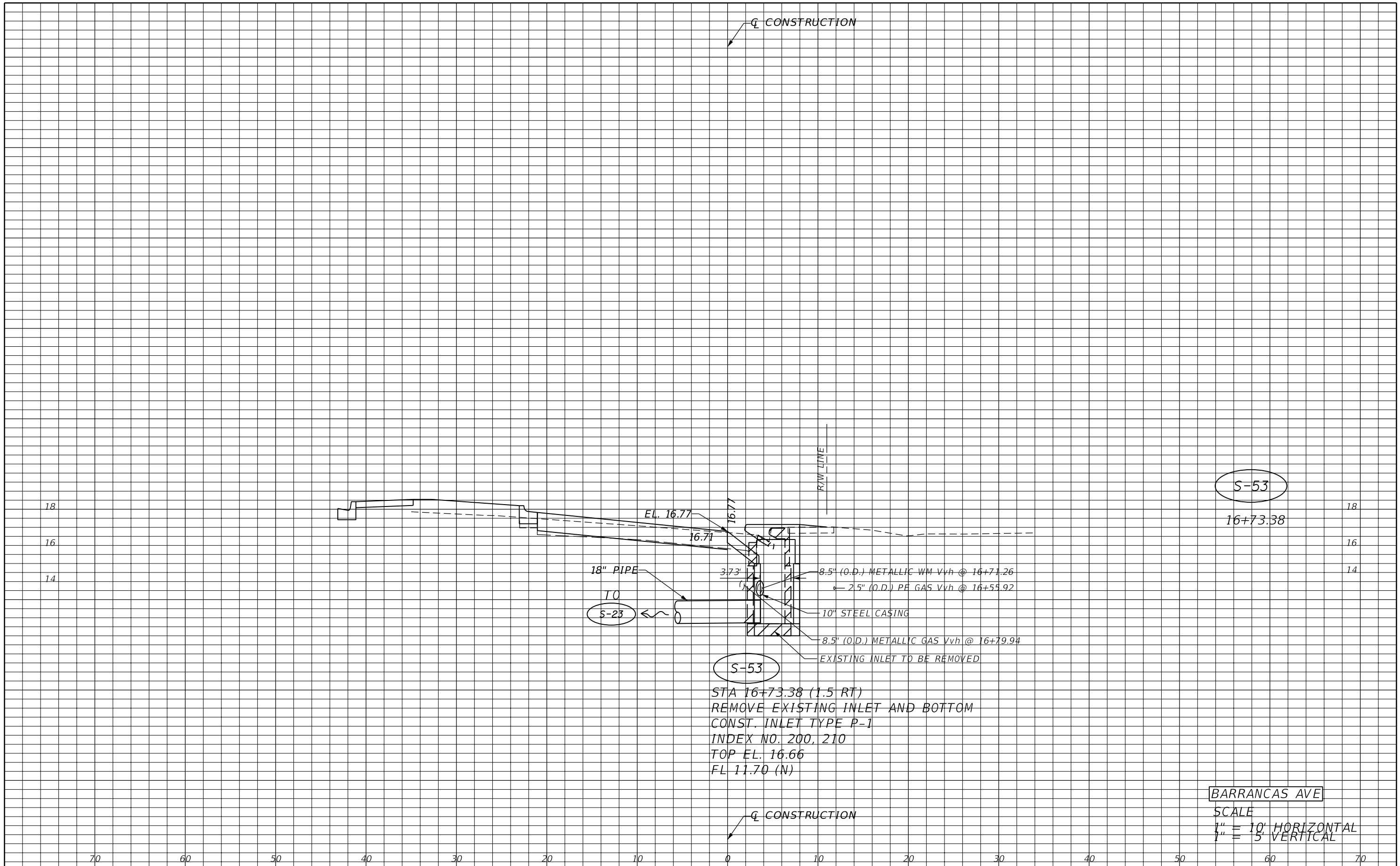


S-53
16+73.38

S-53
STA 16+73.38 (1.5 RT)
REMOVE EXISTING INLET AND BOTTOM
CONST. INLET TYPE P-1
INDEX NO. 200, 210
TOP EL. 16.66
FL 11.70 (N)

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

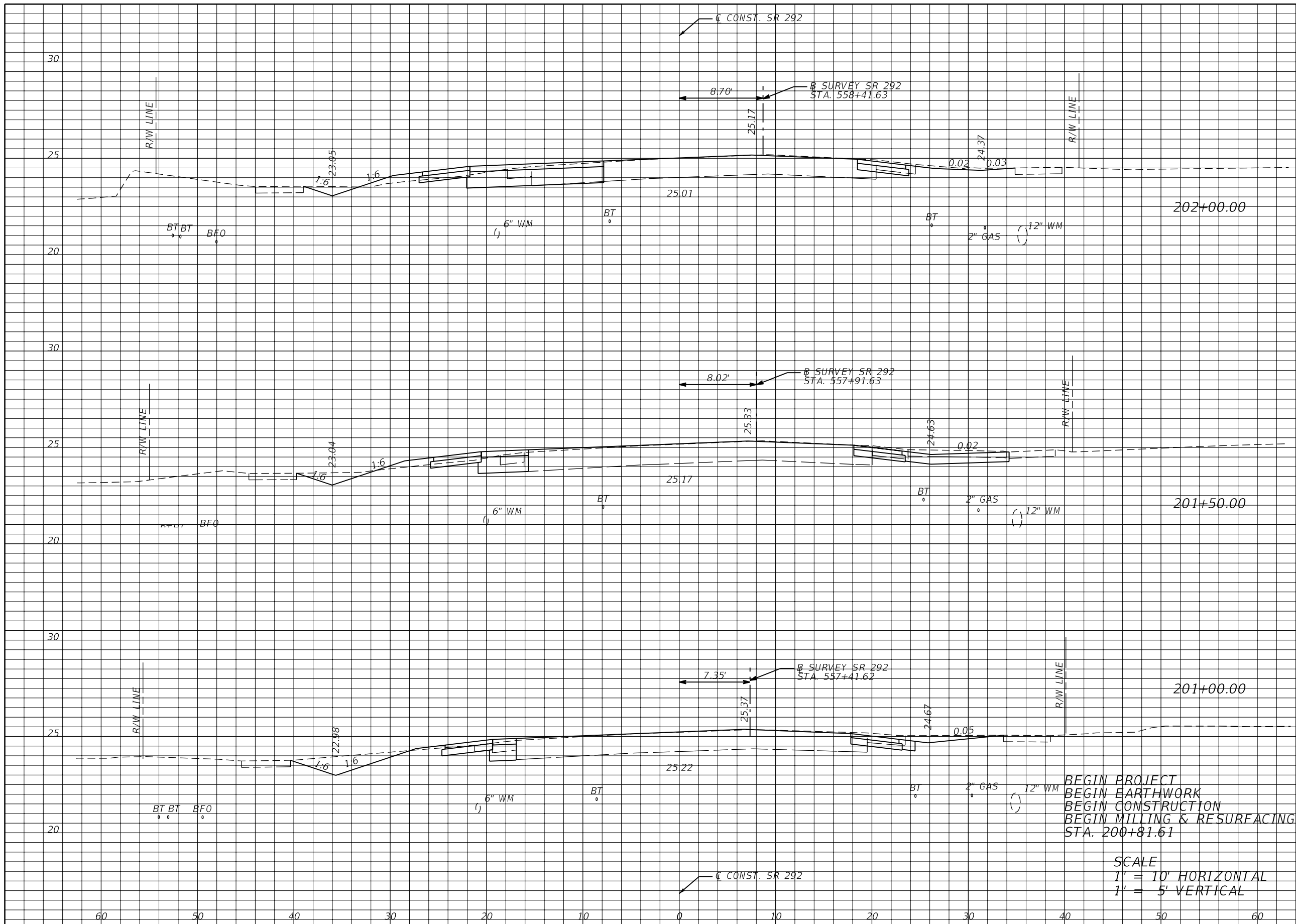
CONSTRUCTION



REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 65
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

DRAINAGE STRUCTURES

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
18	32	5	9		
16	30	5	8		
16	3	4	1		
0	0	0	0		

BEGIN PROJECT
 BEGIN EARTHWORK
 BEGIN CONSTRUCTION
 BEGIN MILLING & RESURFACING
 STA. 200+81.61

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

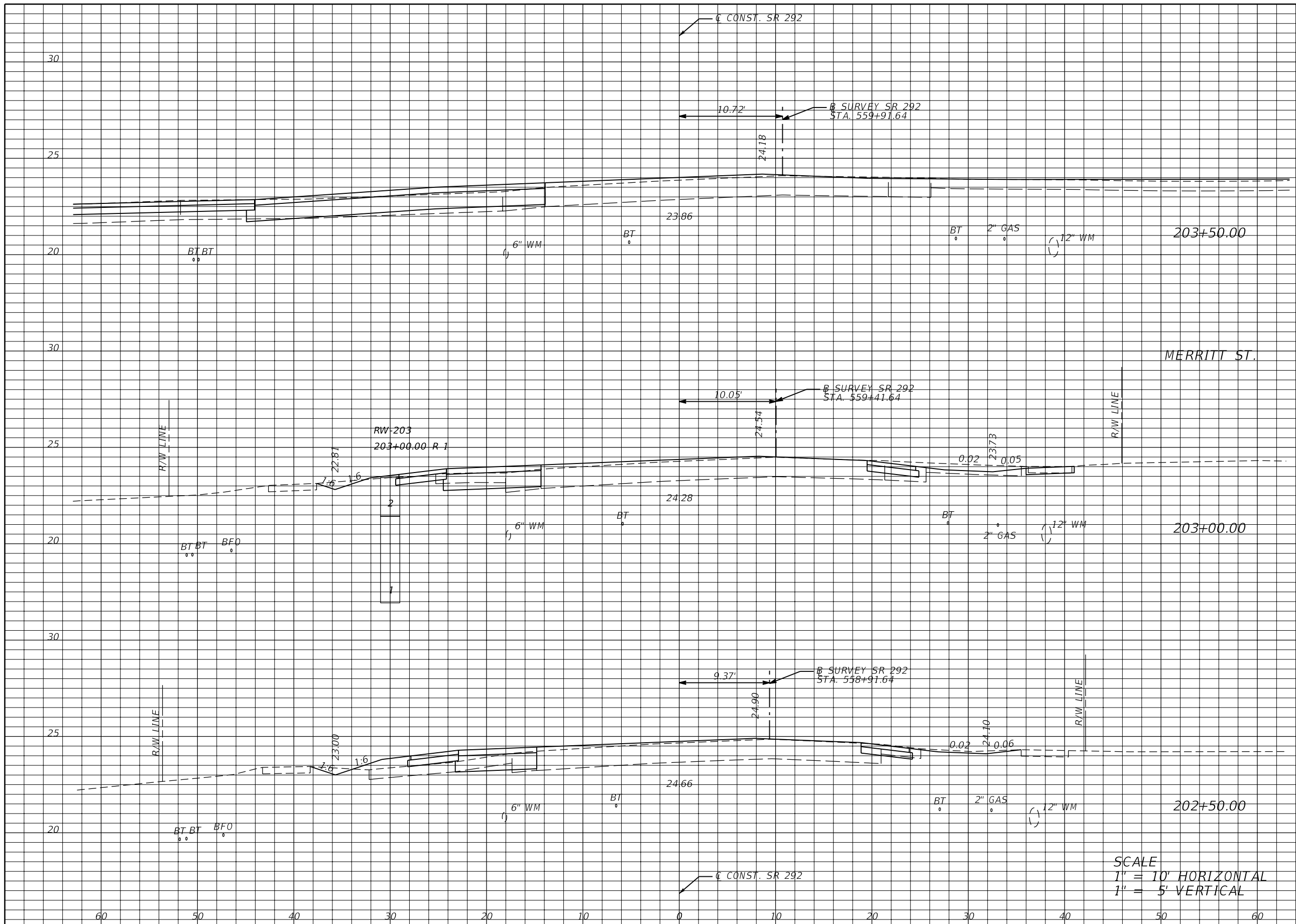
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
66

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
38	49	2			5
14	23	4			8
11	27	6			10

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

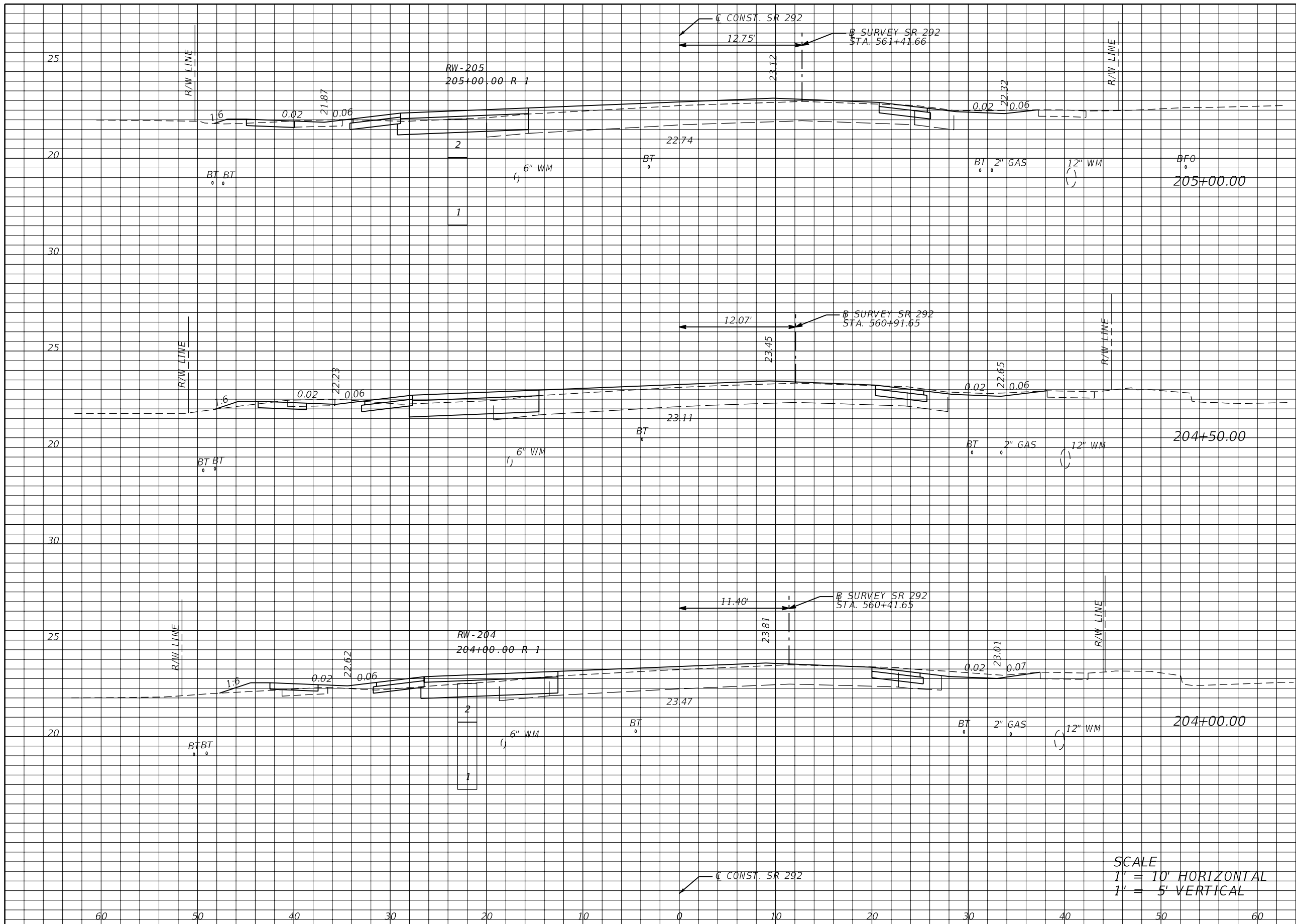
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
67

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
16	31	3	5		
17	28	2	6		
14	48	5	6		

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

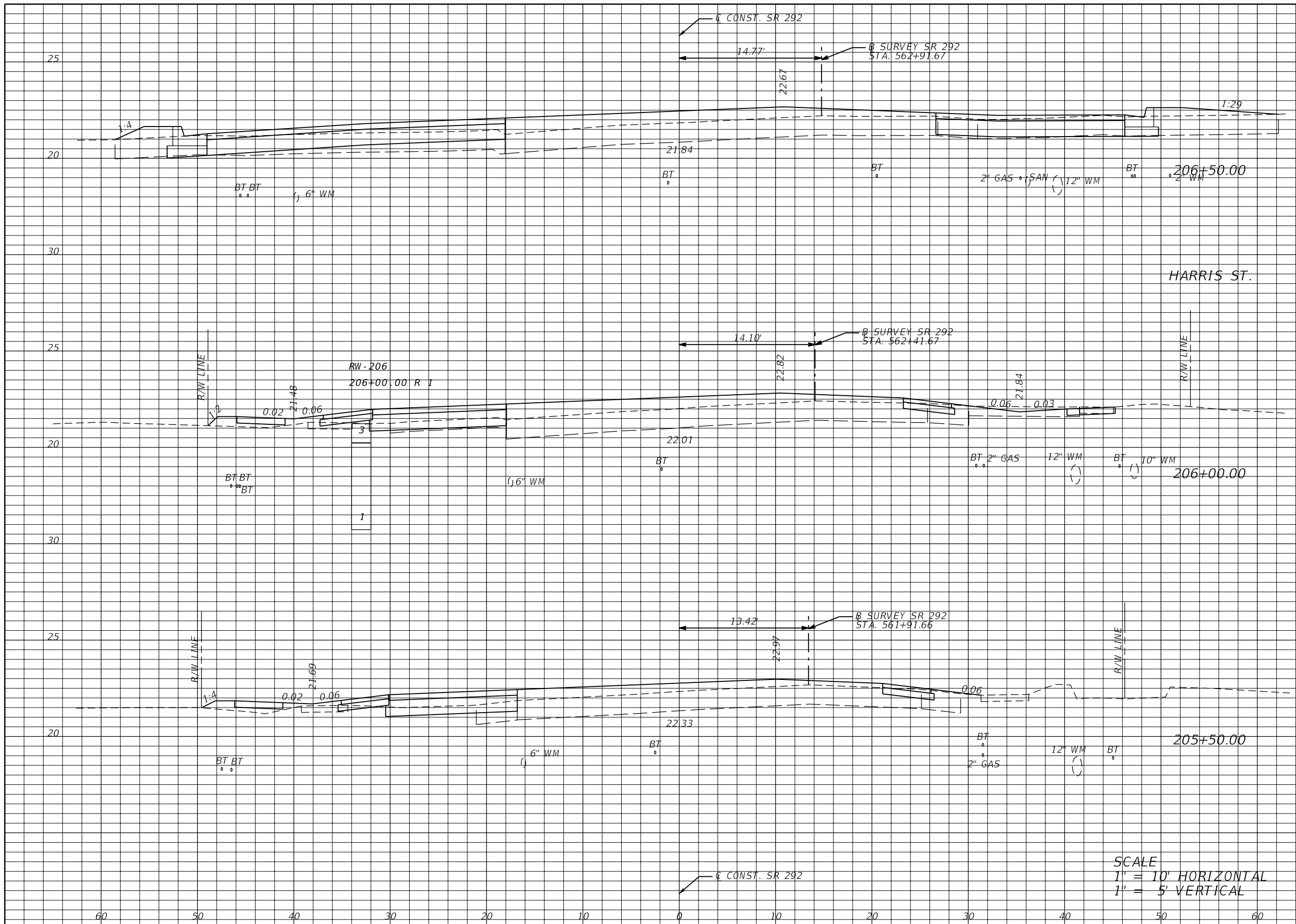
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
68

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
47	53	6	10		
10	17	4	10		
9	23	6	8		

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

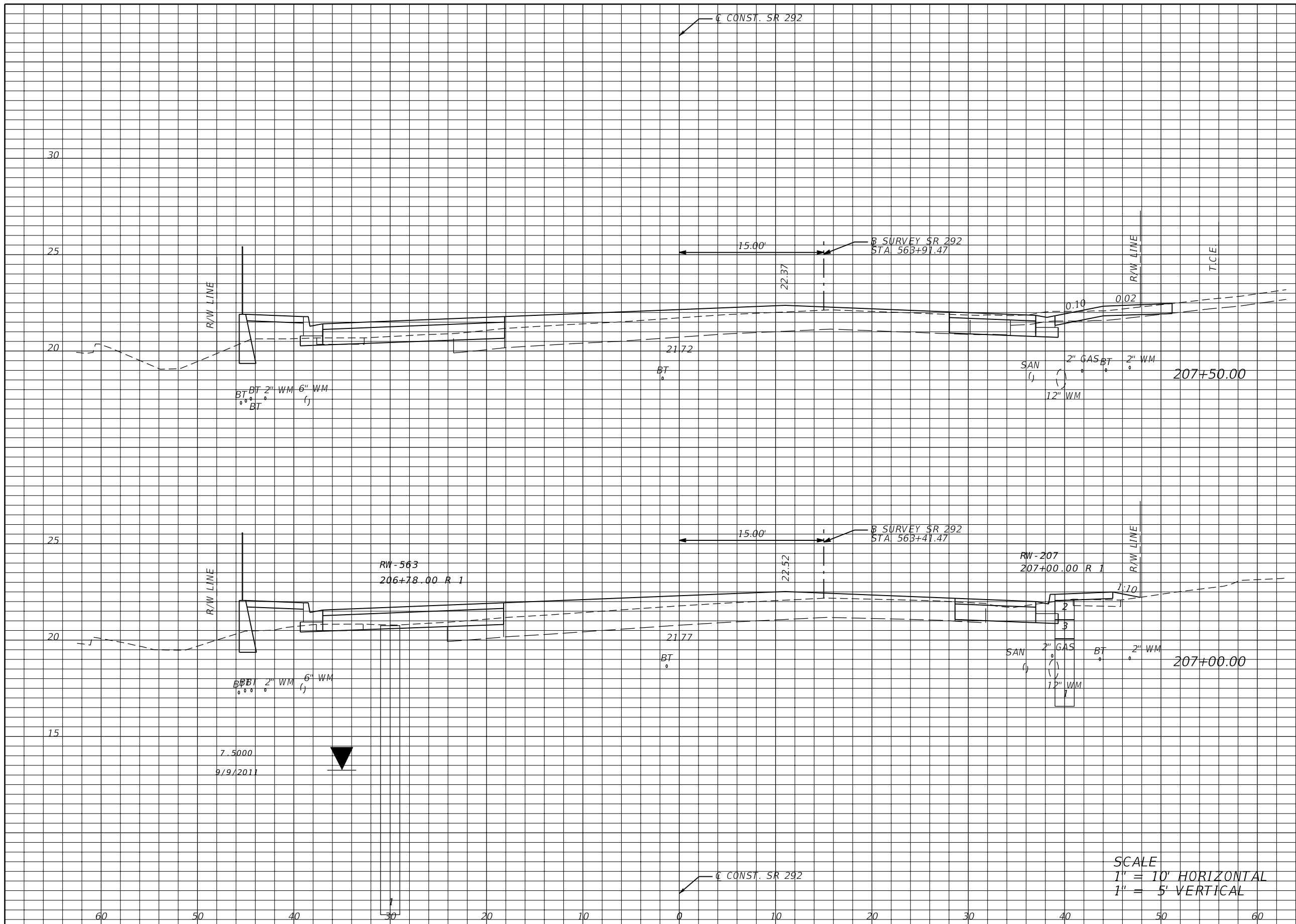
JESSICA BLOOMFIELD, P.E.
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 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
69

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
25	37	5		12	
15	58	8		13	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

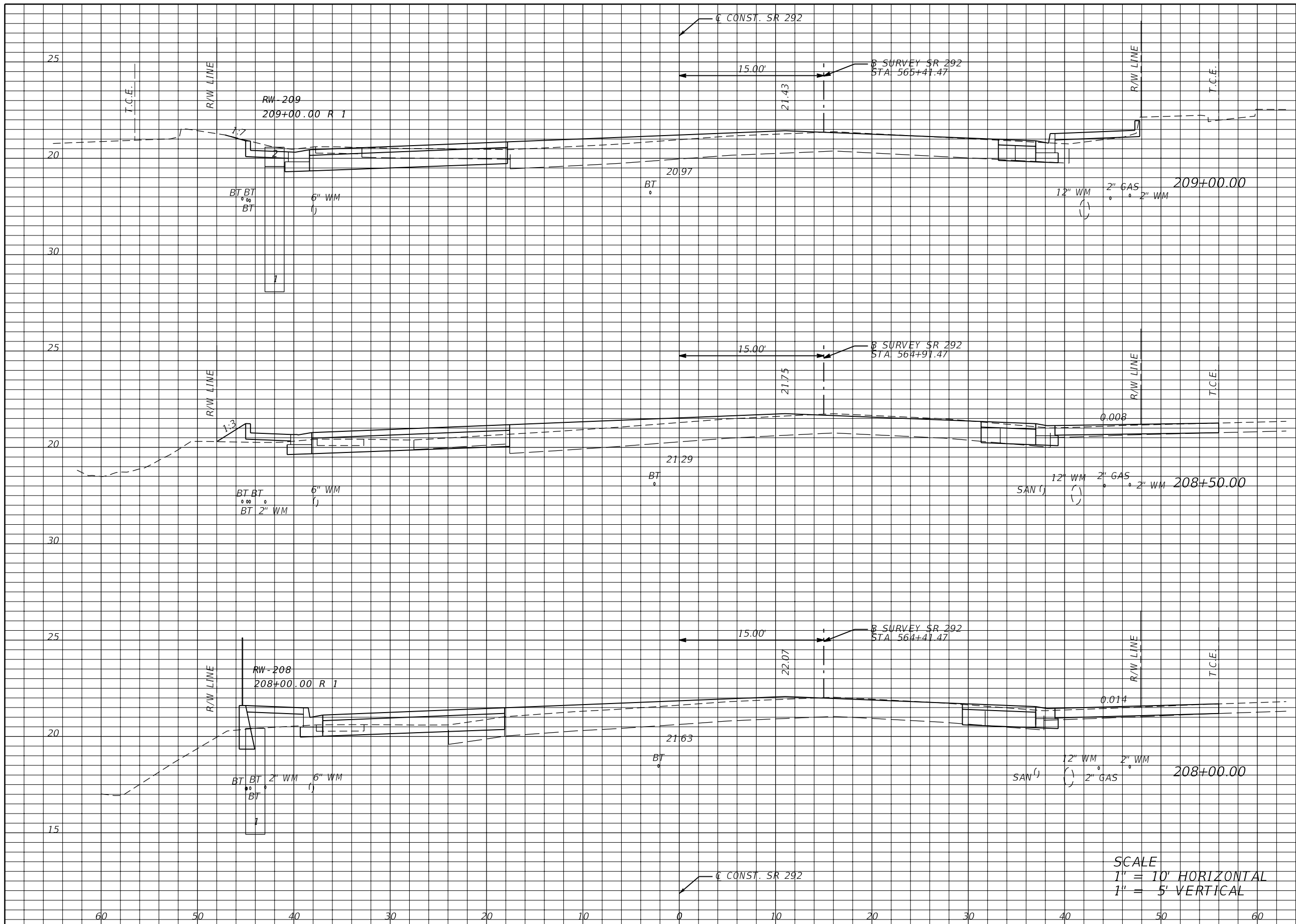
JESSICA BLOOMFIELD, P.E.
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 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
70

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
31	55	1	3		
28	51	2	6		
27	48	4	8		

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

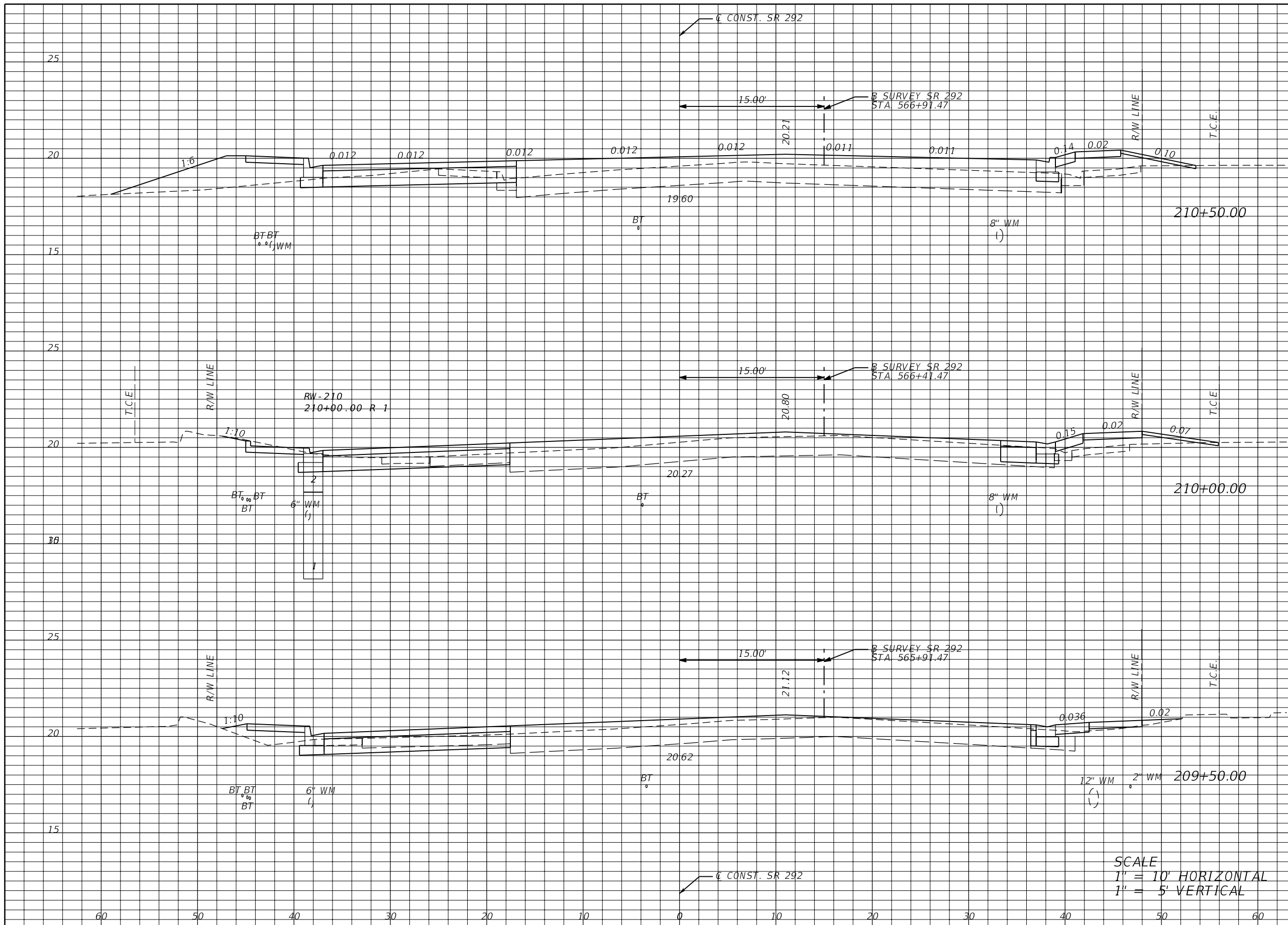
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS	SHEET NO. 71
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23-.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
33	49	9			11
20	35	3			8
17	45	5			6

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

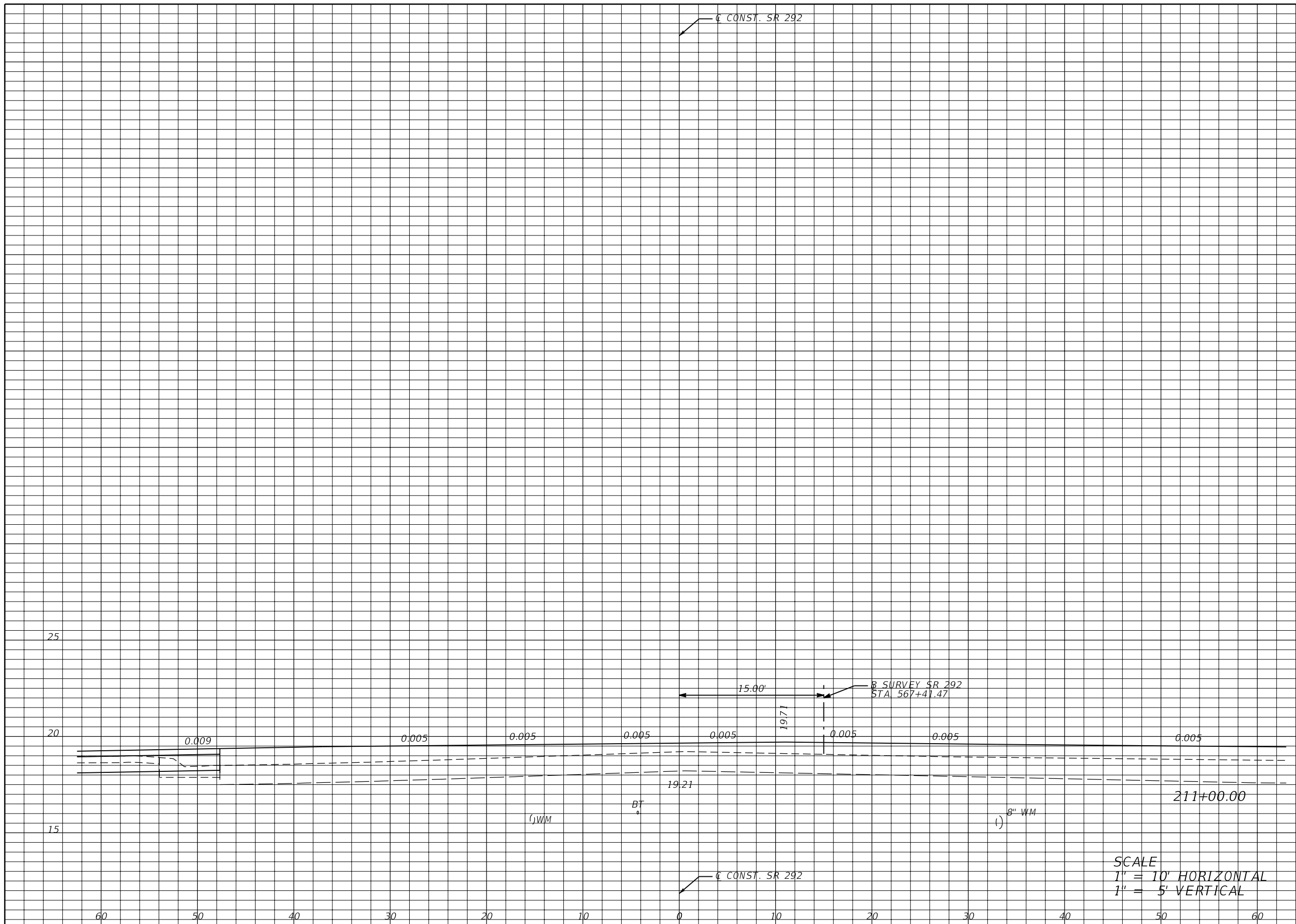
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
72

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular Exc.		Embankment	
A	V	A	V
24	53	10	17

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

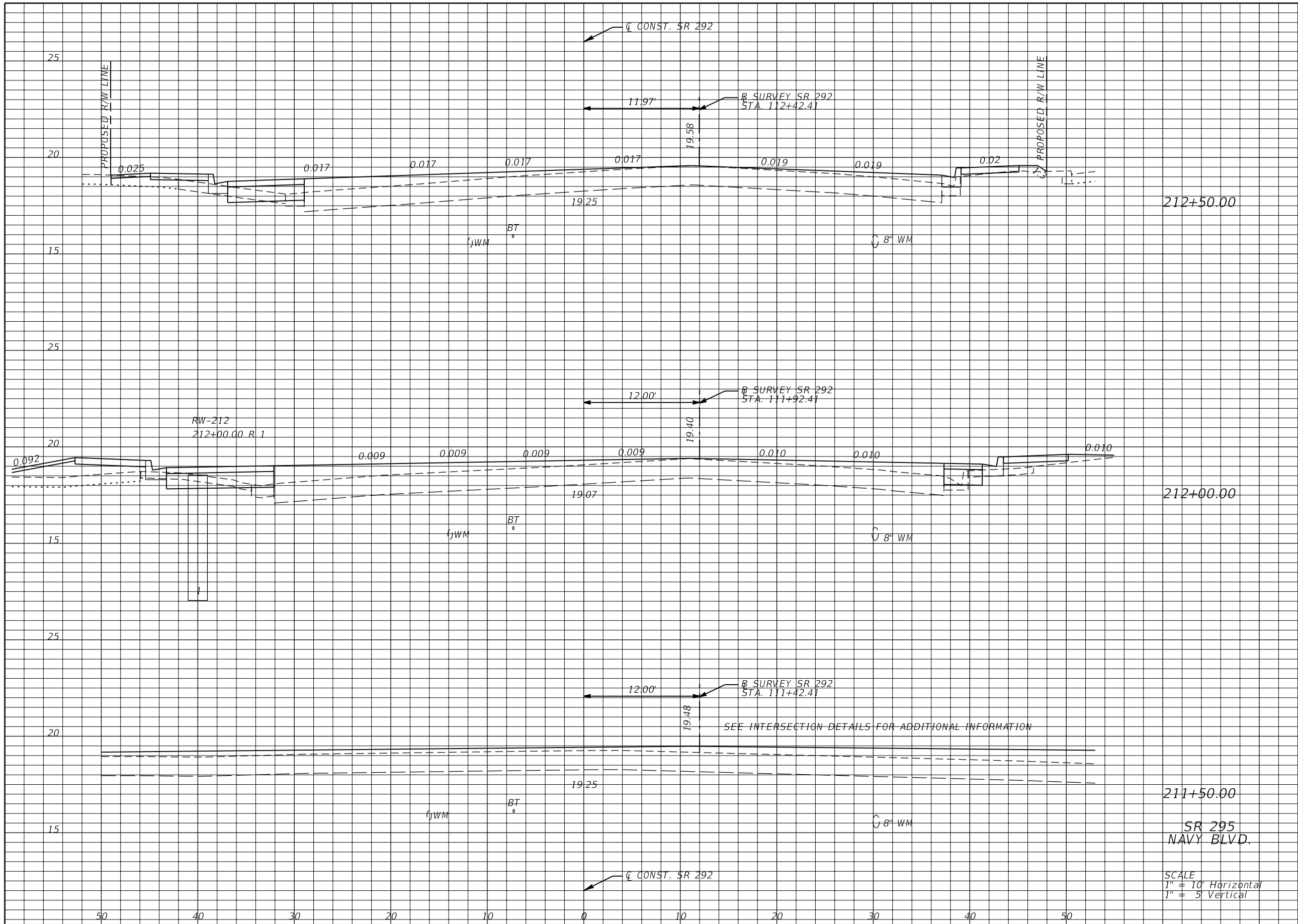
JESSICA BLOOMFIELD, P.E.
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 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
73

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2	18	6	10		
17	15	5	5		
0	22	0	9		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

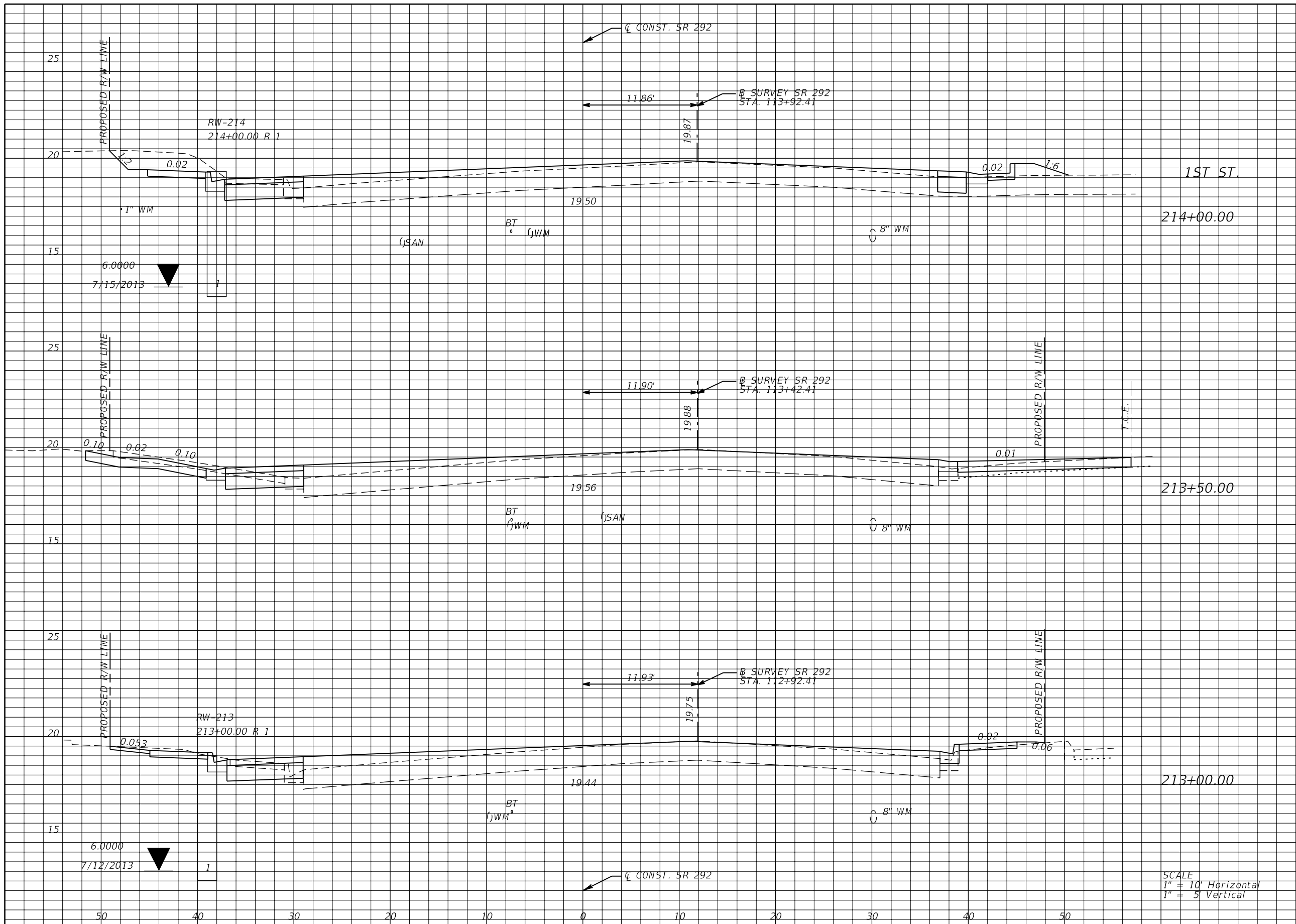
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
74

SCALE
1" = 10' Horizontal
1" = 5' Vertical

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
25	44	2	5		
22	31	3	4		
11	12	1	6		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

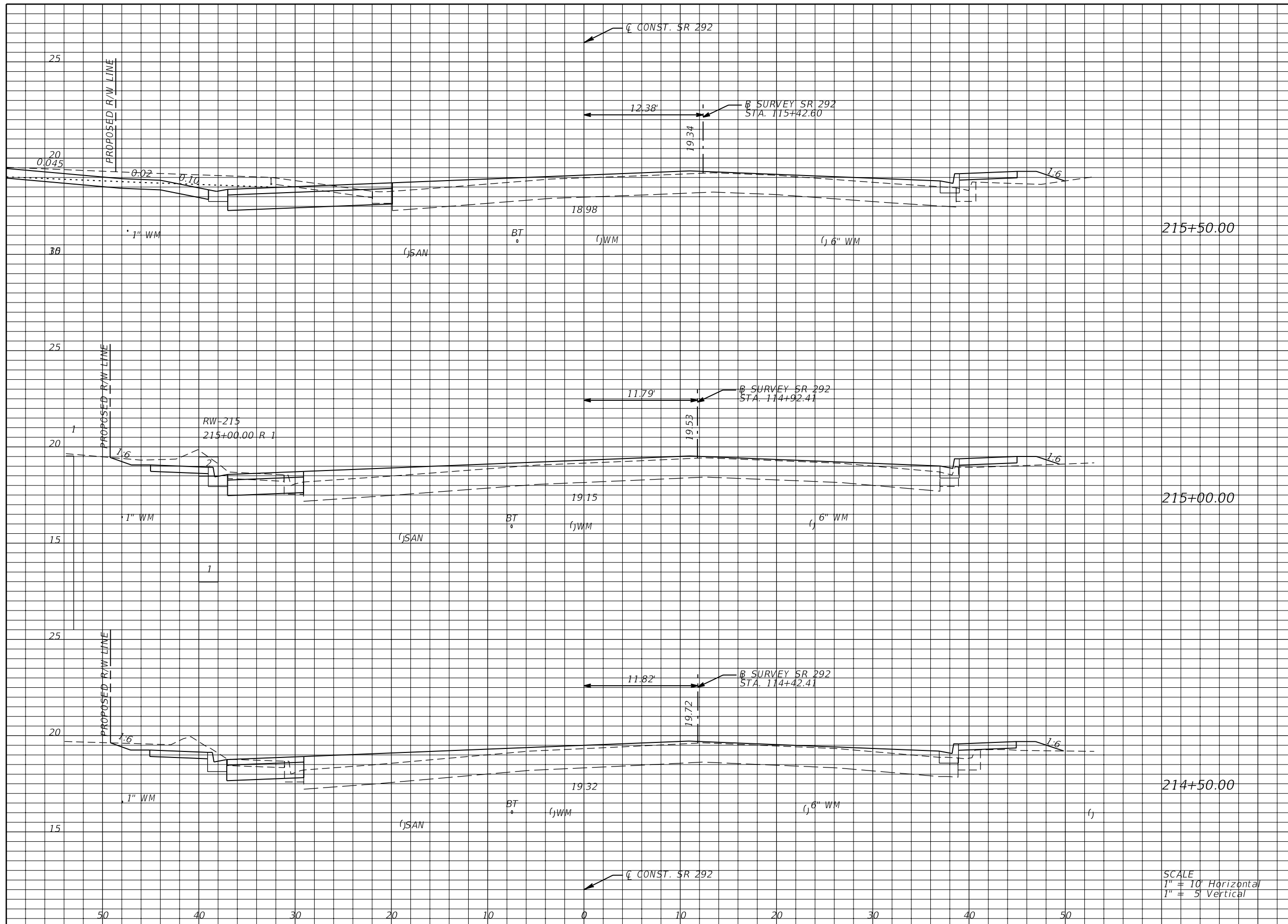
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET
NO.
75

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
27	39	5	7		
15	28	3	6		
15	37	4	6		

SCALE
 1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

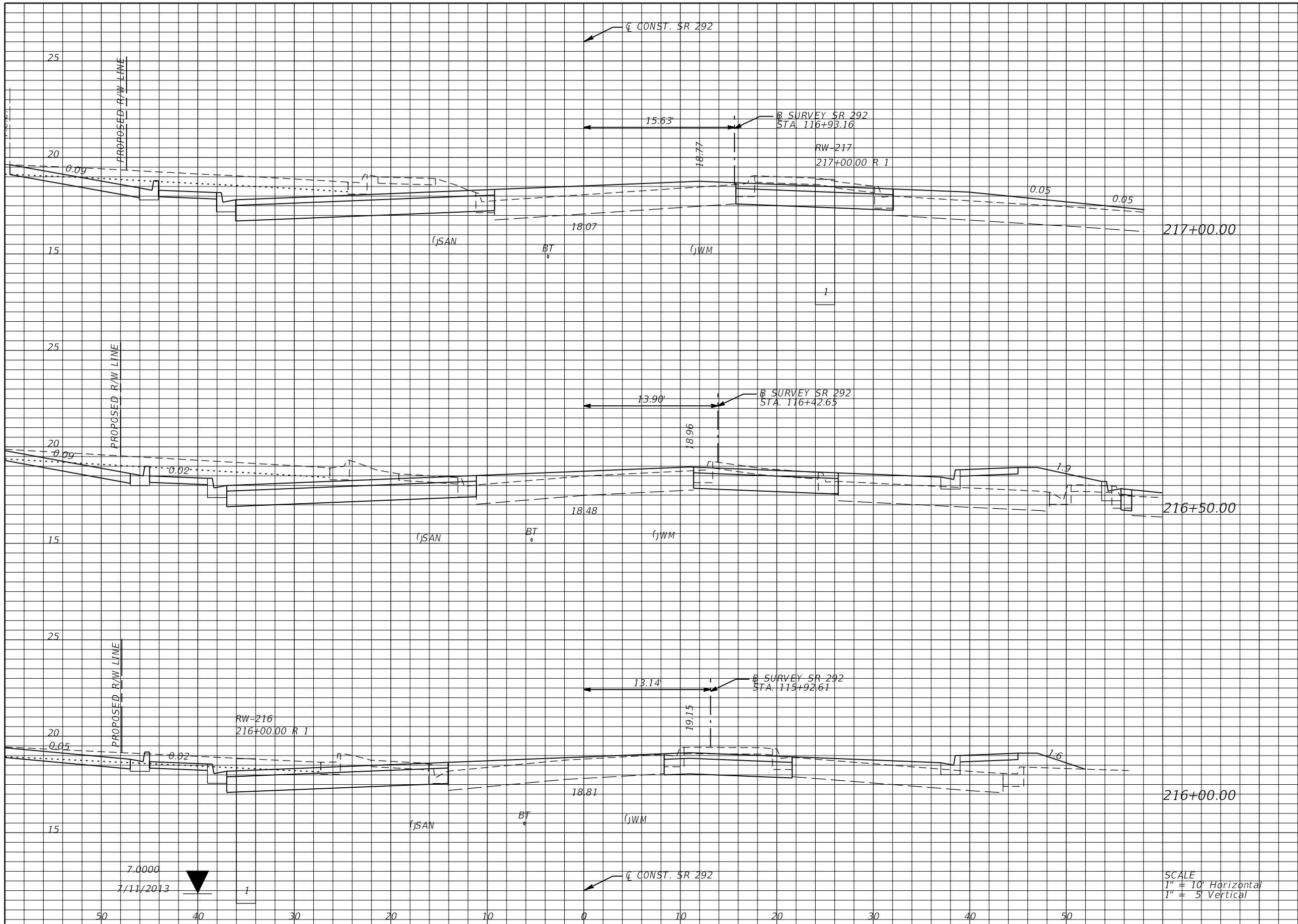
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
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 2616 JENKS AVENUE
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET
NO.
76

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
75	134	3	16		
70	107	14	21		
46	68	9	13		

7.0000
7/11/2013

SCALE
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

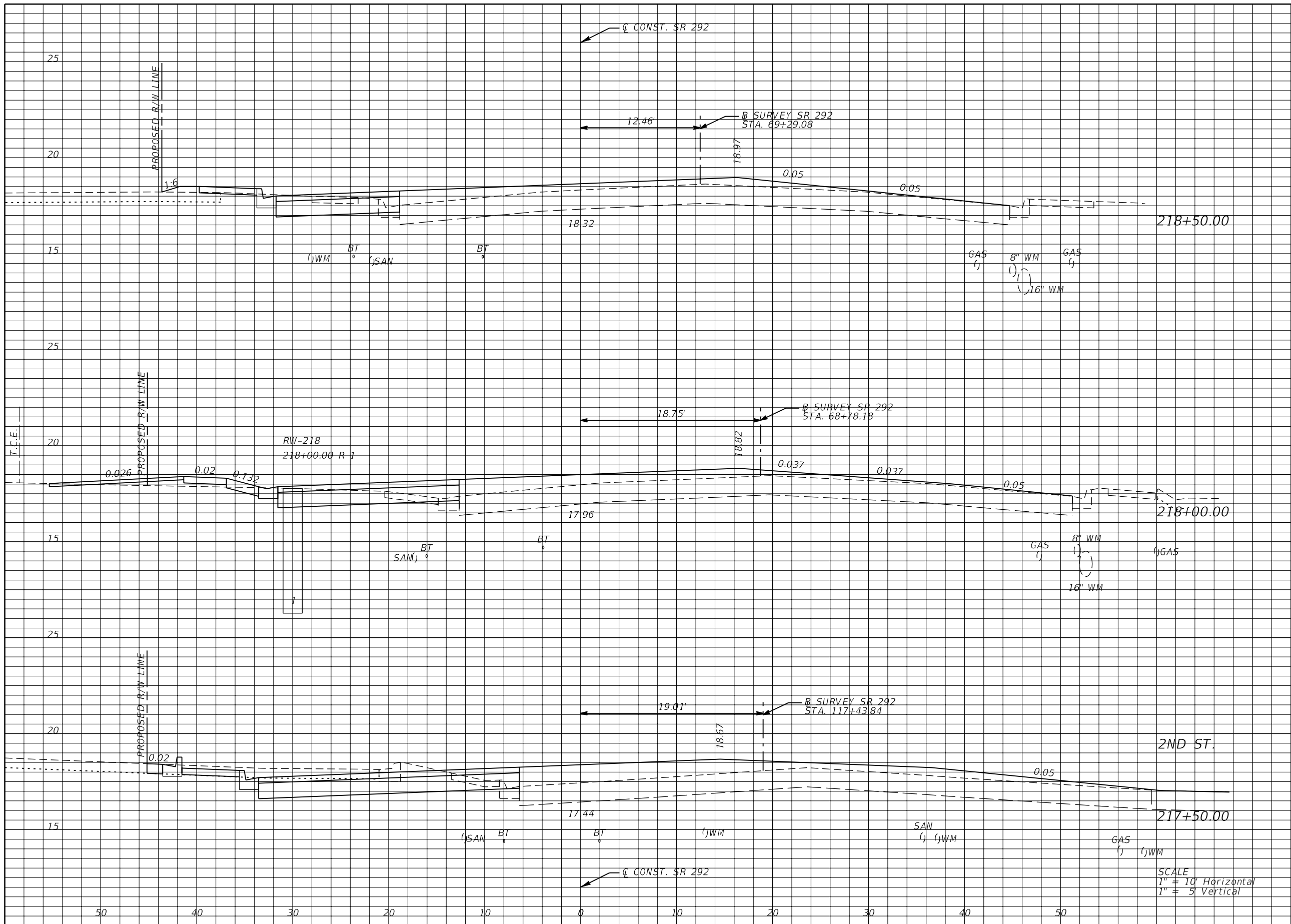
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
77

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
12	23	3	6		
13	37	4	4		
27	94	0	3		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

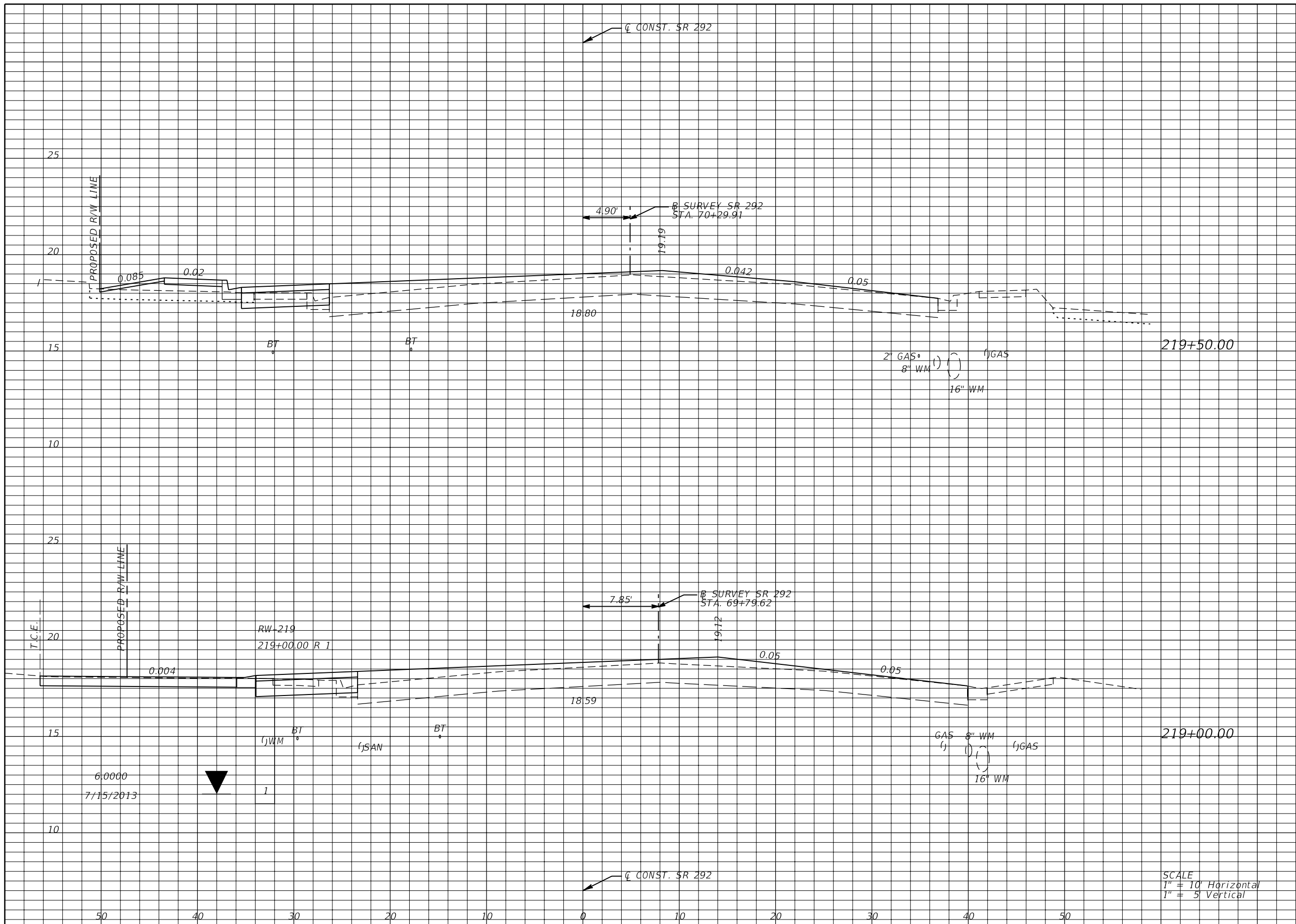
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
78

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Regular		Exc.		Embankment	
A	V	A	V	A	V
6	21	5	6	17	27
				2	5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

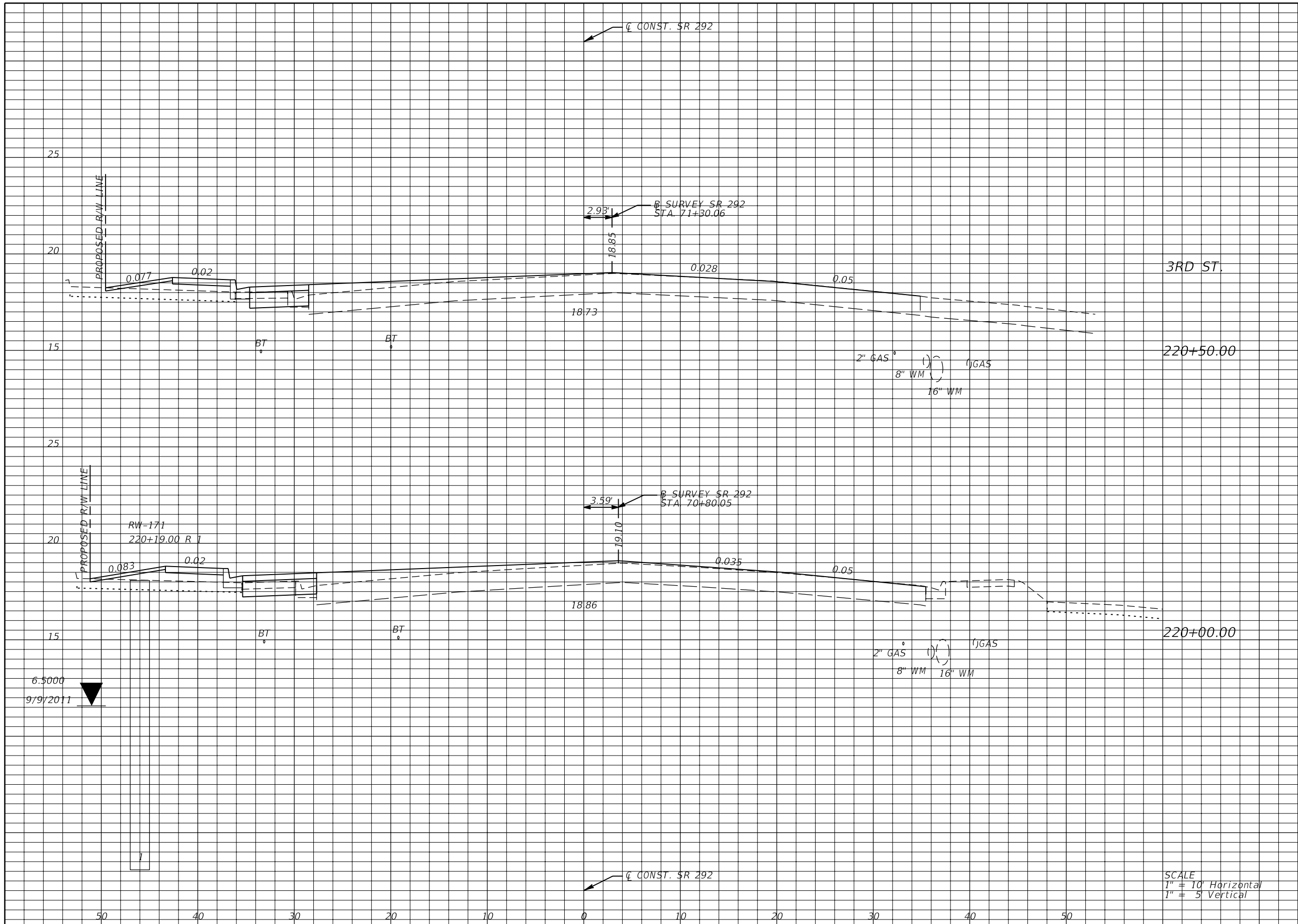
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
79

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
4	8	3	8	6	10

6.5000
9/9/2011

SCALE
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

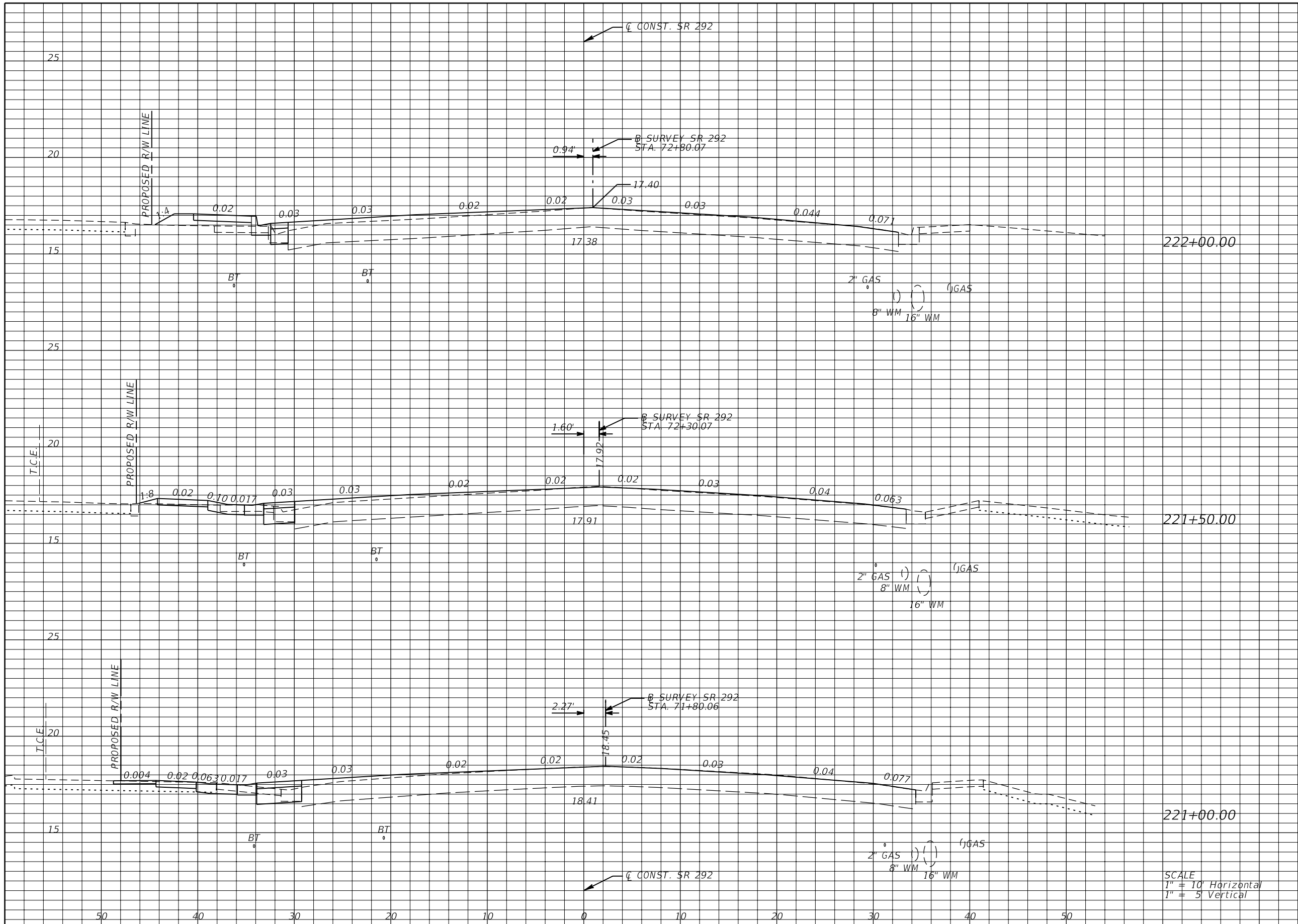
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
80

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1	5	5	6		
4	7	2	3		
4	7	1	4		

SCALE
 1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

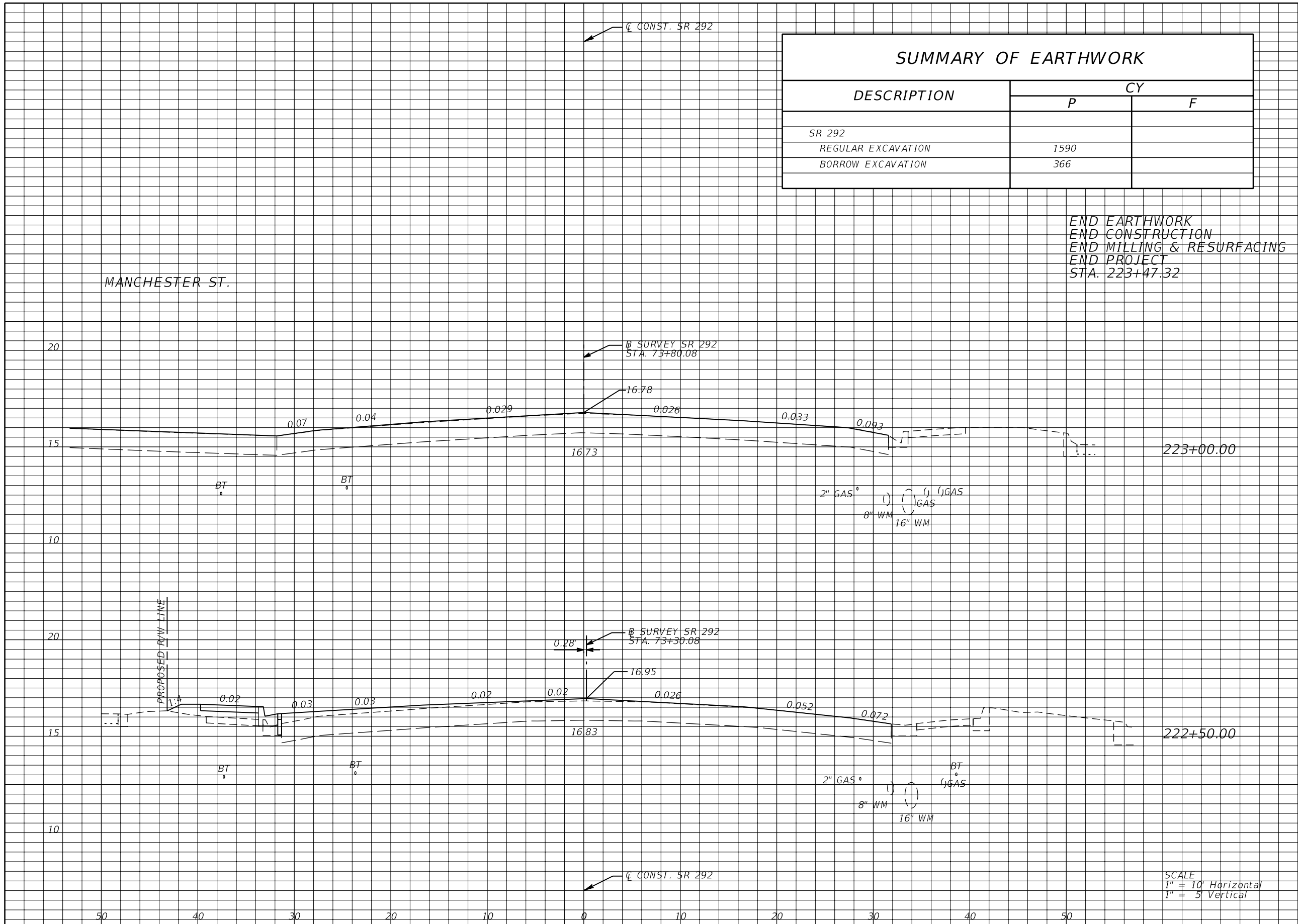
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET
NO.
81

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
SR 292		
REGULAR EXCAVATION	1590	
BORROW EXCAVATION	366	

END EARTHWORK
 END CONSTRUCTION
 END MILLING & RESURFACING
 END PROJECT
 STA. 223+47.32

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	14	0
0	0	0	0	15	19

SCALE
 1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

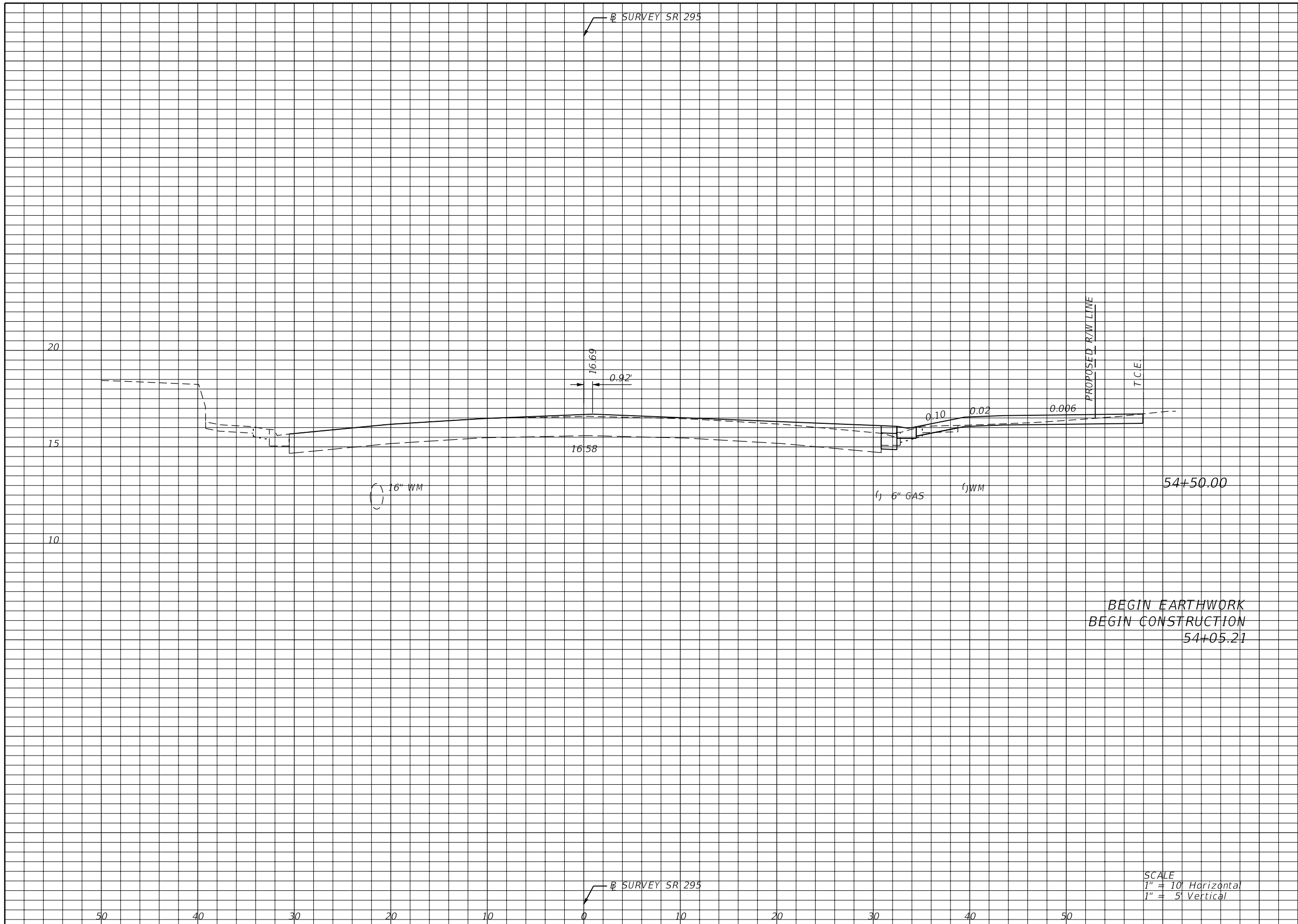
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS

SHEET NO.
82

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	1	7		7	
2	0	3		0	

BEGIN EARTHWORK
 BEGIN CONSTRUCTION
 54+50.00

SCALE
 1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
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 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

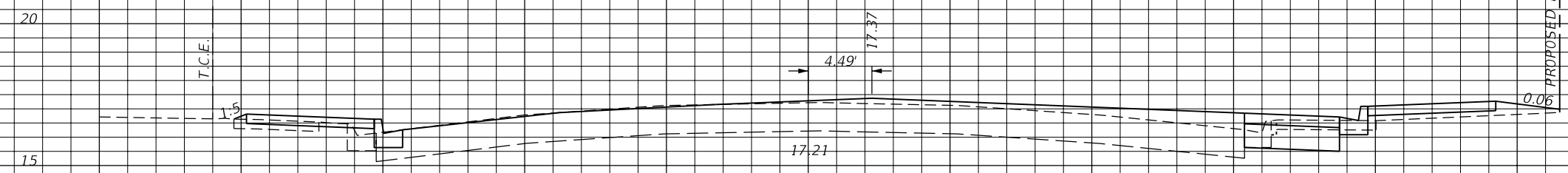
CROSS SECTIONS
SR 295

SHEET NO.
 83

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

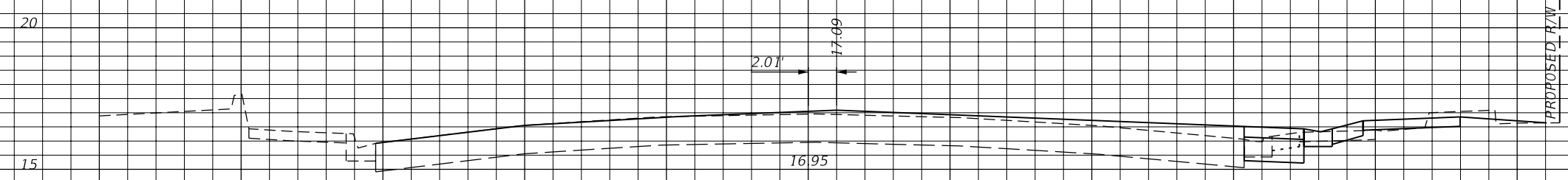
B SURVEY SR 295

Regular		Exc.		Embankment	
A	V	A	V	A	V



55+50.00

4	8	3	6
---	---	---	---



55+00.00

5	5	4	10
---	---	---	----

SCALE
1" = 10' Horizontal
1" = 5' Vertical

B SURVEY SR 295

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
84

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

B SURVEY SR 295

Regular		Exc.		Embankment	
A	V	A	V	A	V
10	12	1	8		
3	6	8	10		



SCALE
 1" = 10' Horizontal
 1" = 5' Vertical

B SURVEY SR 295

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

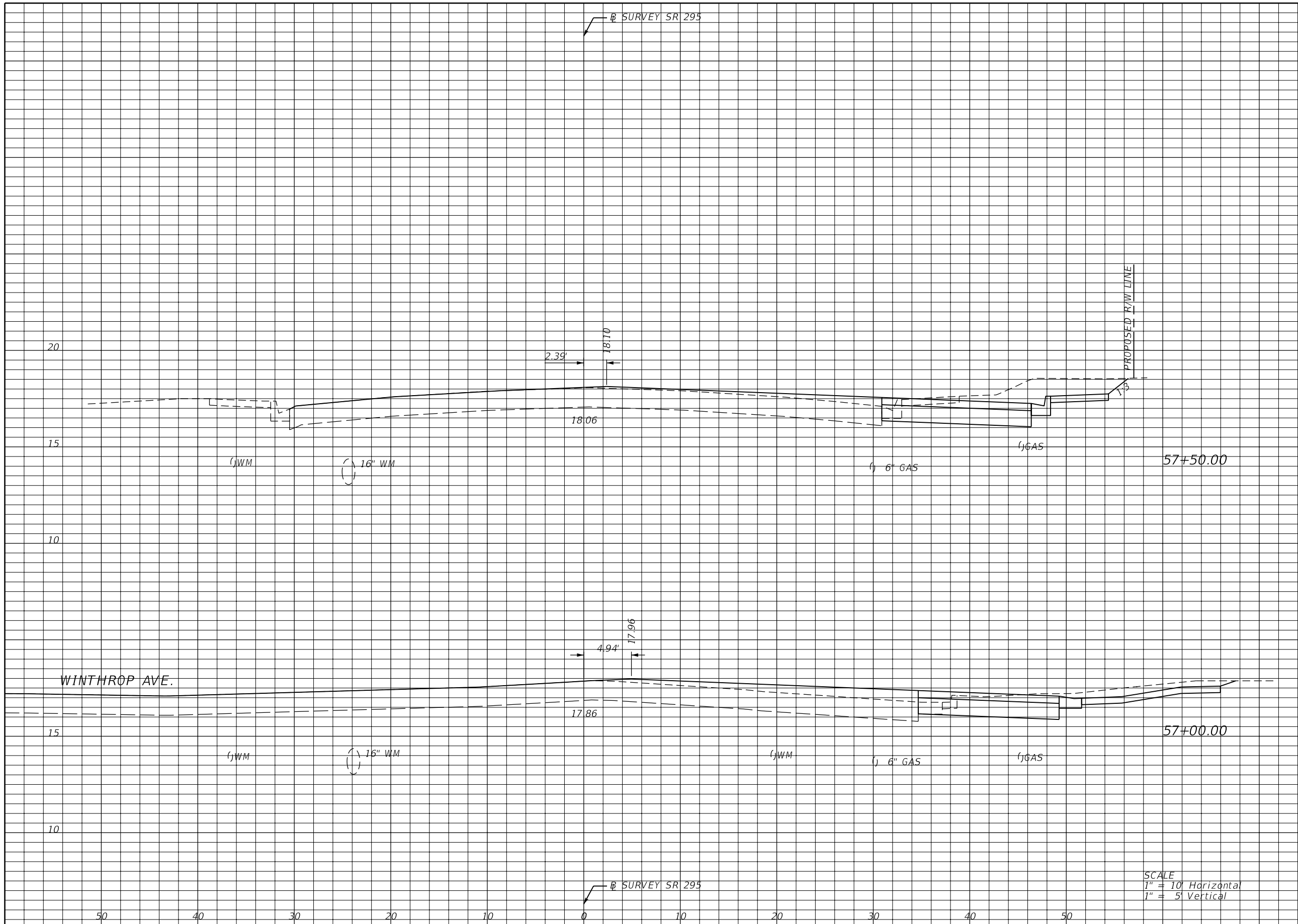
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
 85

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
19	31	3		3	
14	22	0		1	

SCALE
 1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

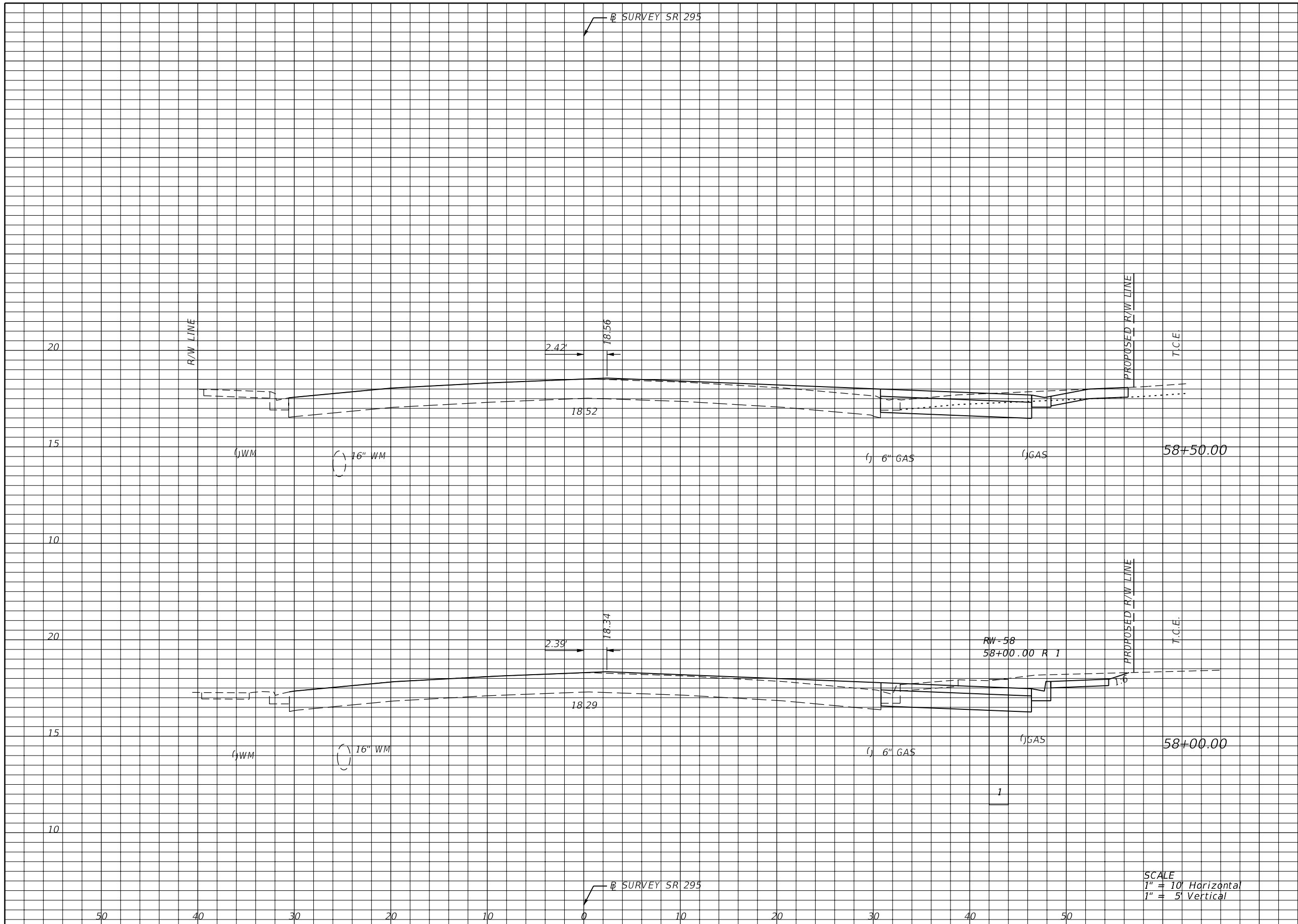
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
 86

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Regular		Exc.		Embankment	
A	V	A	V	A	V
8	26	4	6	20	36
		3	6		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

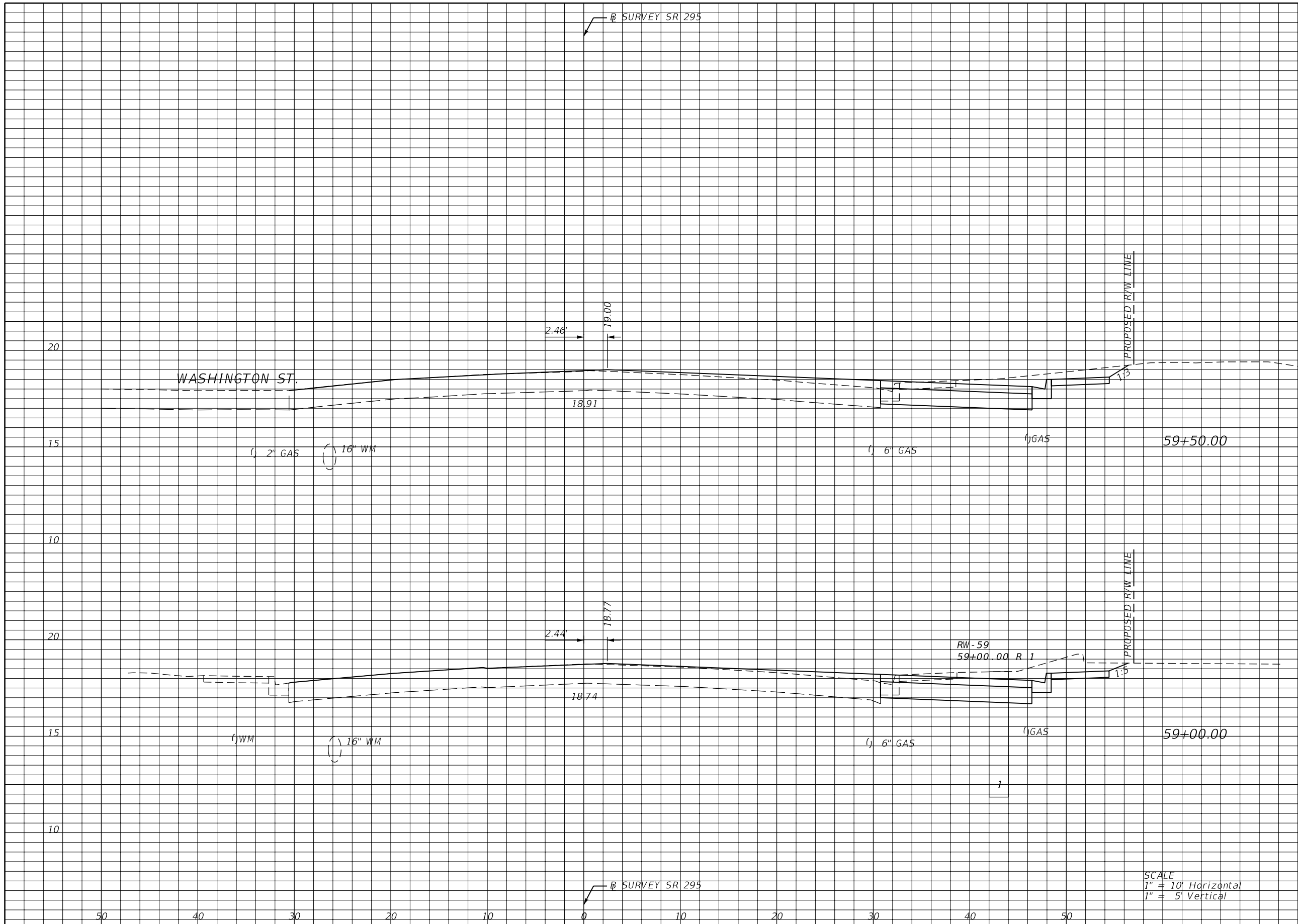
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
87

SCALE
1" = 10' Horizontal
1" = 5' Vertical

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
17	32	0	4		
18	24	4	7		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

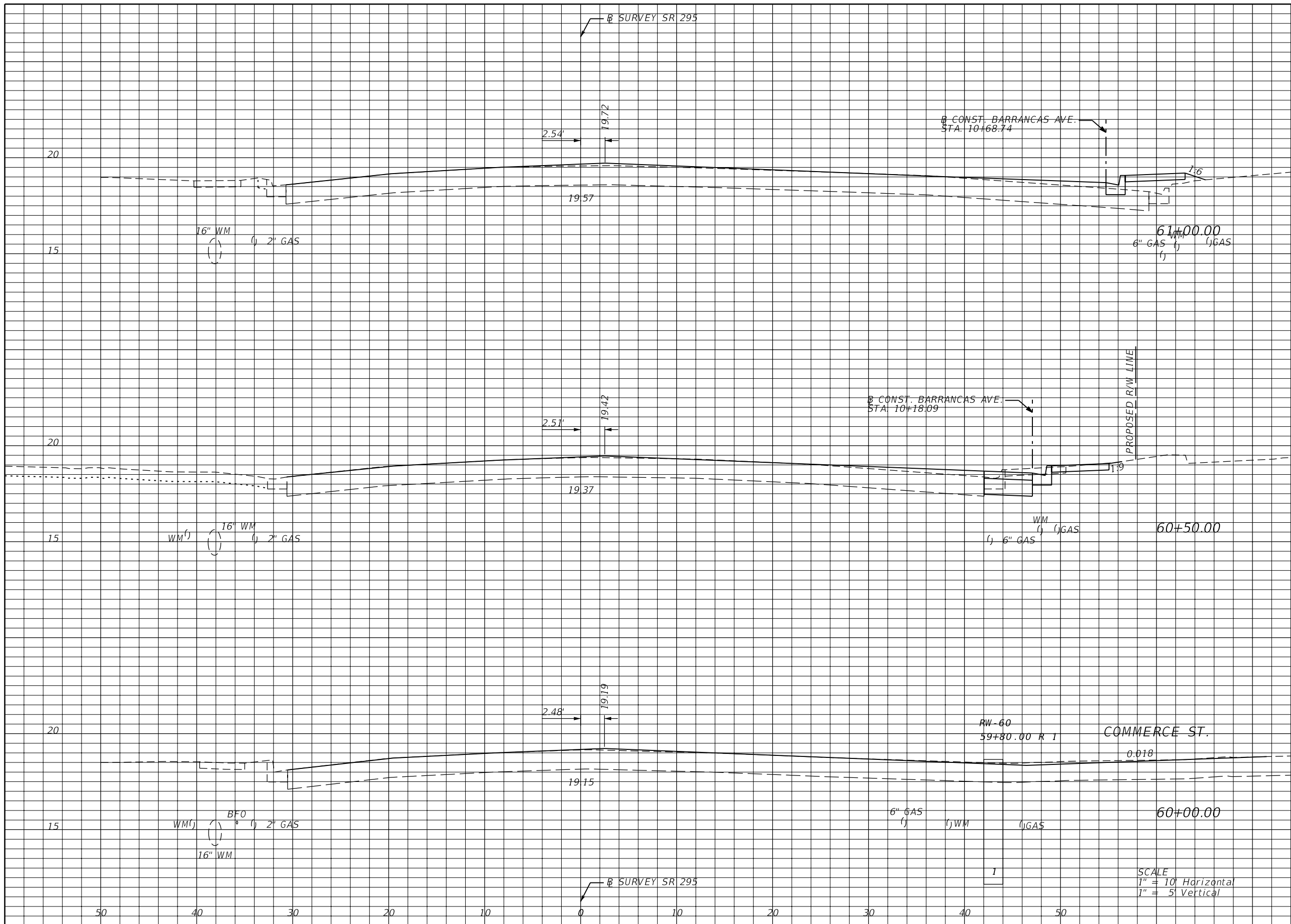
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
88

SCALE
1" = 10' Horizontal
1" = 5' Vertical

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1	6	7	8		
6	6	2	2		
0	16	0	0		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

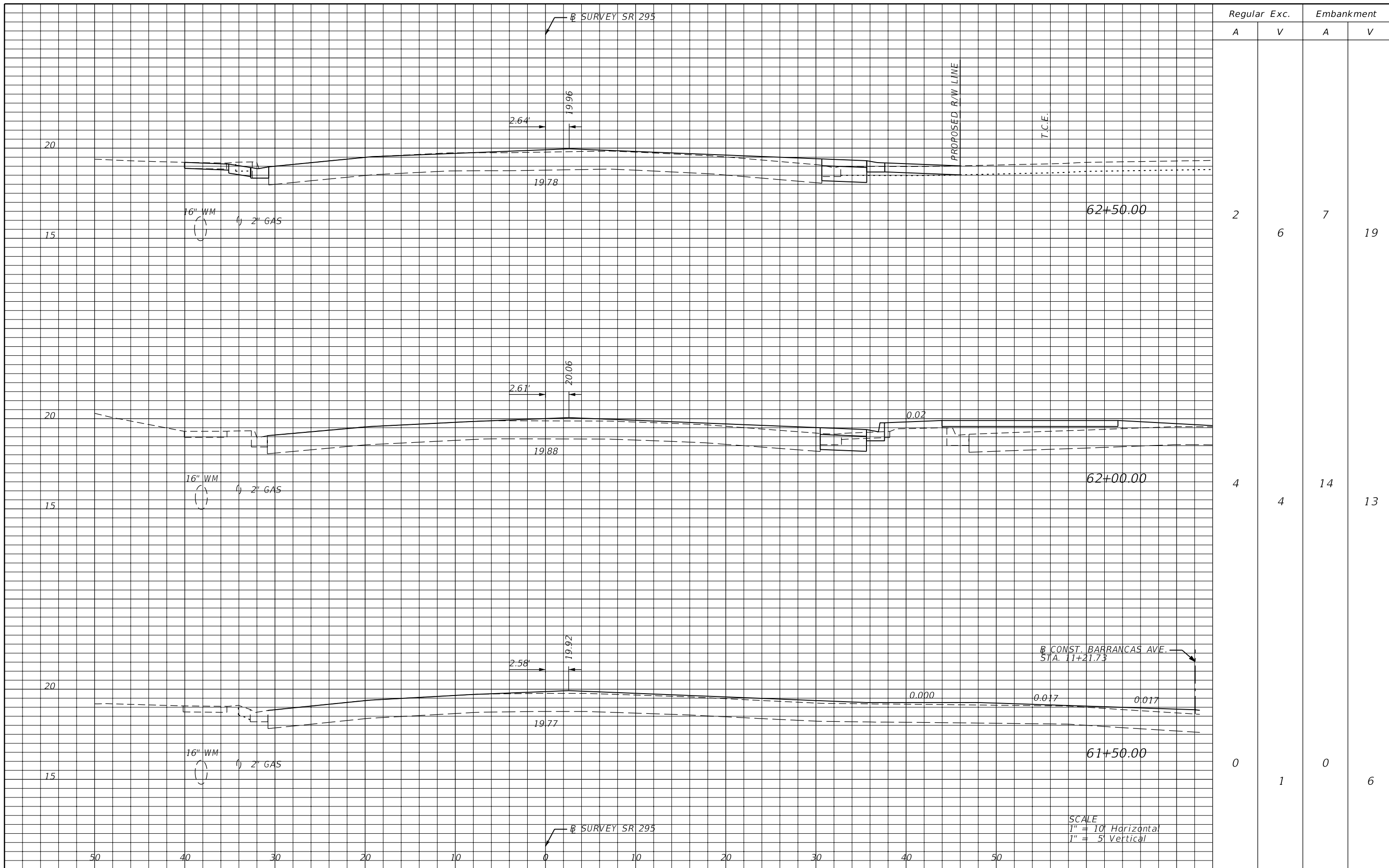
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
89

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2	6	7		7	19
4	4	14		14	13
0	1	0		0	6

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

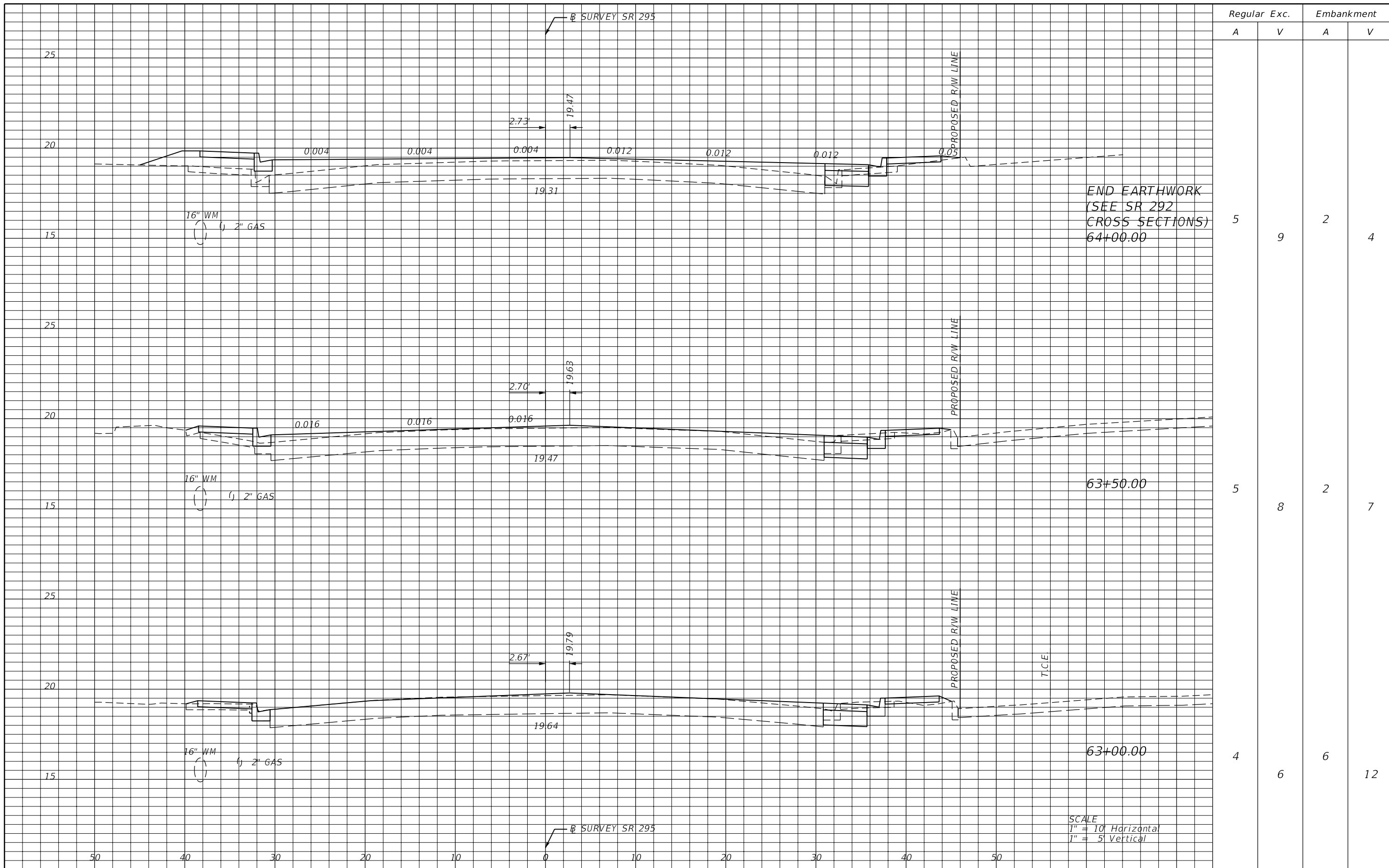
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
90

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
5	9	2		4	
5	8	2		7	
4	6	6		12	

END EARTHWORK
(SEE SR 292
CROSS SECTIONS)
64+00.00

63+50.00

63+00.00

SCALE
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

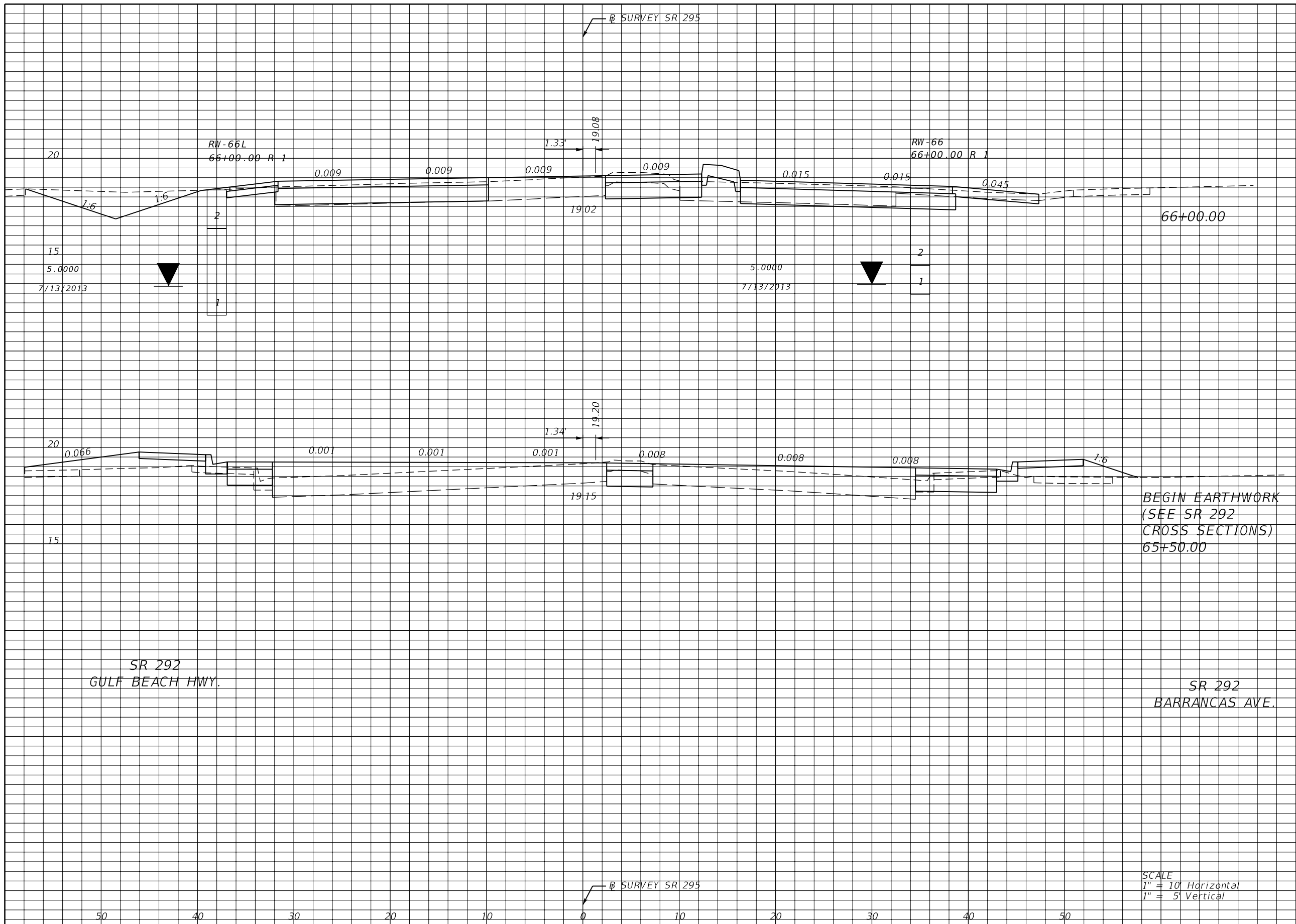
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET
NO.
91

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
79	96	6	17		
25	0	12	0		

SR 292
GULF BEACH HWY.

SR 292
BARRANCAS AVE.

SCALE
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

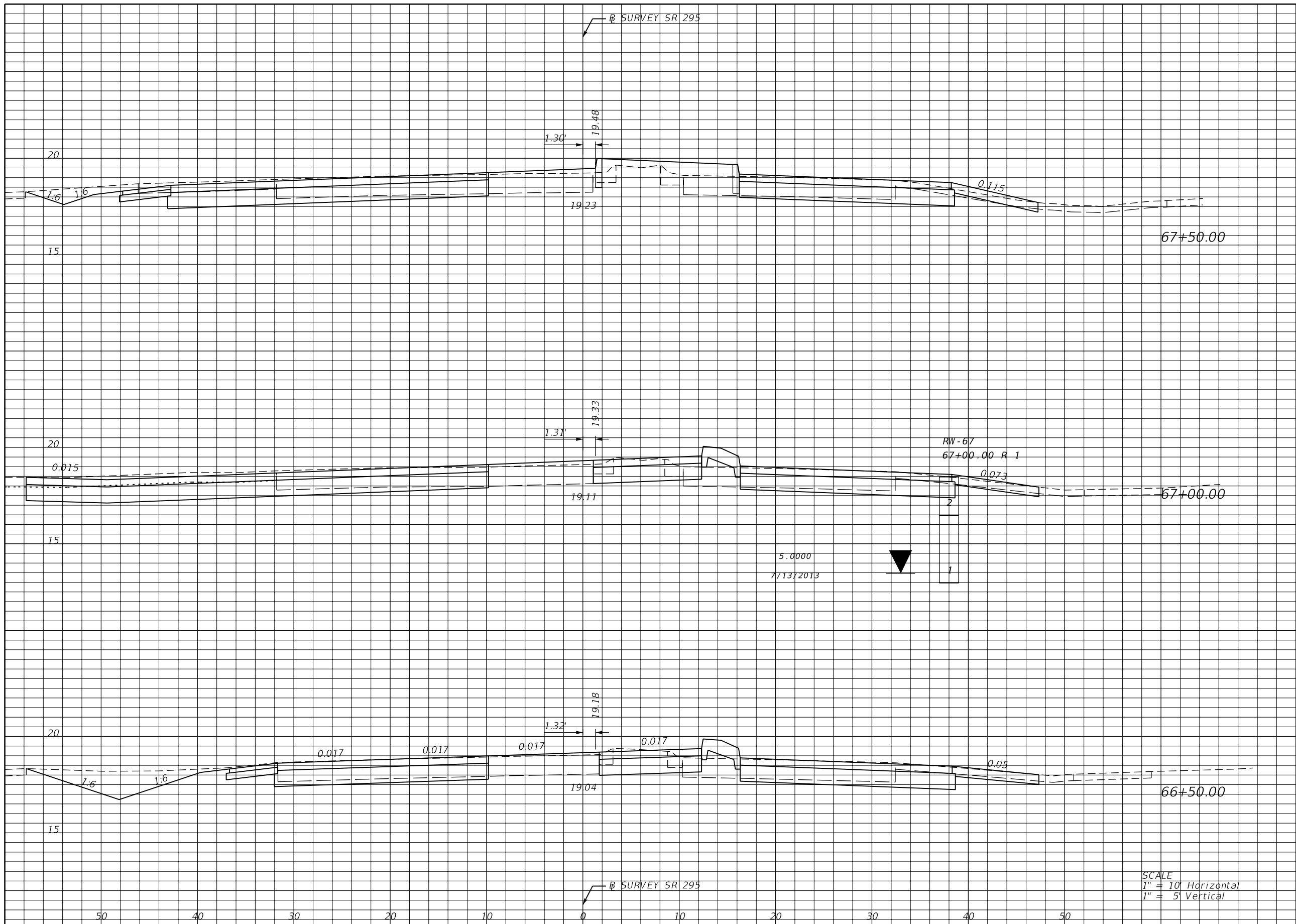
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
92

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
70	133	8		10	
74	126	3		7	
62	131	5		10	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

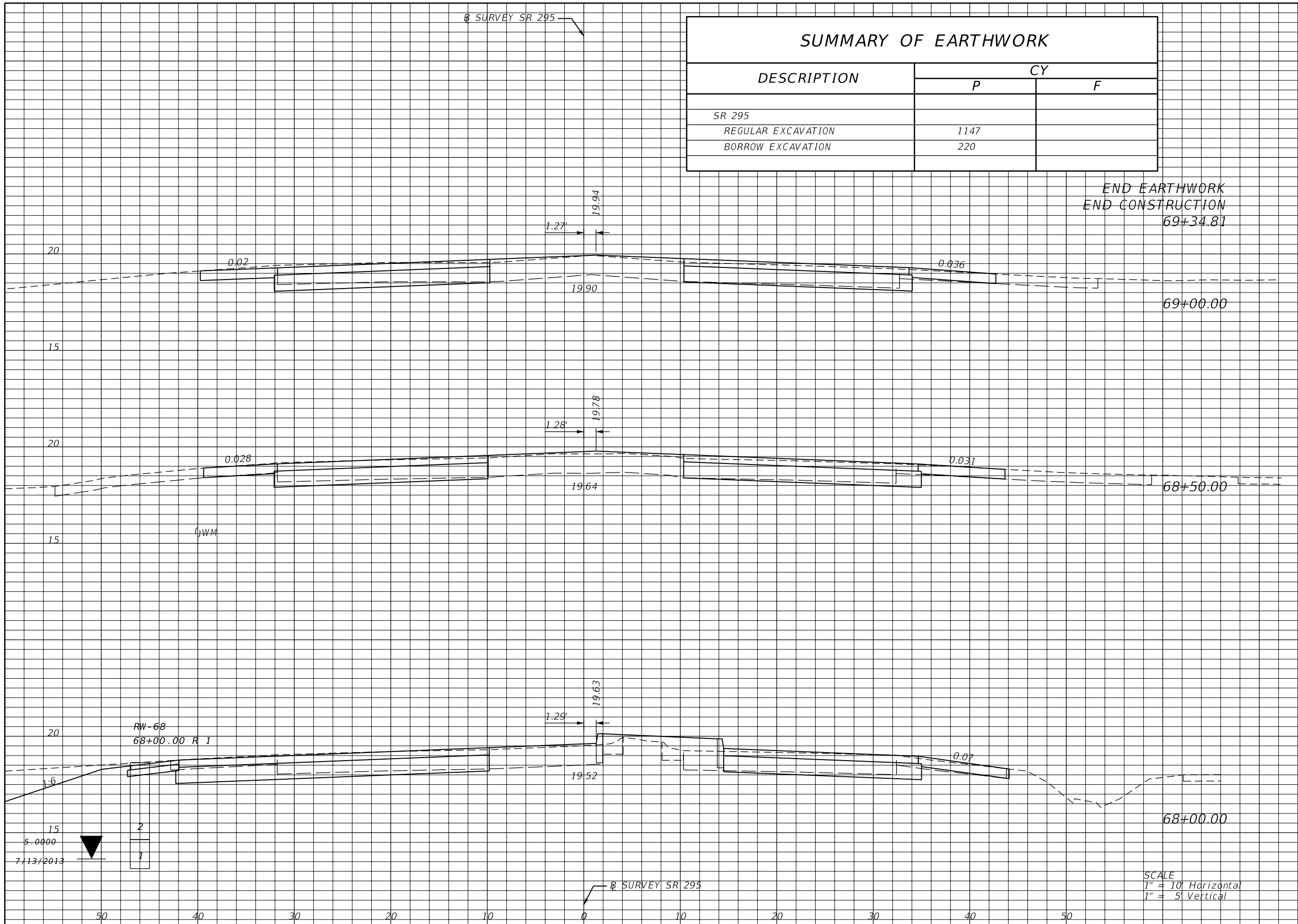
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET
NO.
93

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
SR 295		
REGULAR EXCAVATION	1147	
BORROW EXCAVATION	220	



Regular	Exc.	Embankment	
		A	V
0	46	0	3
50	100	3	7
58	119	5	12
71	131	8	15

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

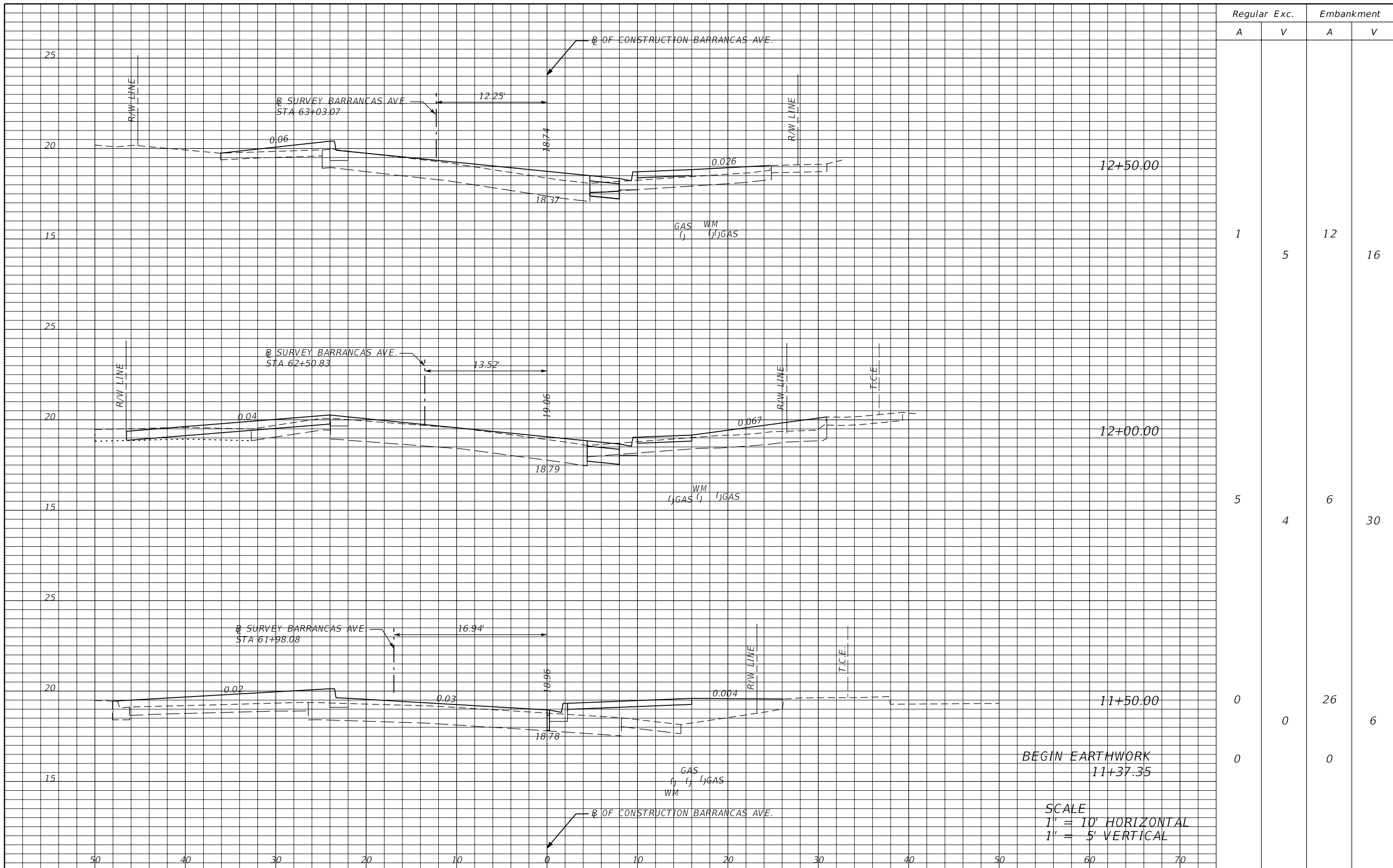
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

CROSS SECTIONS
SR 295

SHEET NO.
94

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Regular		Exc.		Embankment	
A	V	A	V	A	V
1	5	12	16		
5	4	6	30		
0	0	26	6		
0	0	0	0		

BEGIN EARTHWORK
11+37.35

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

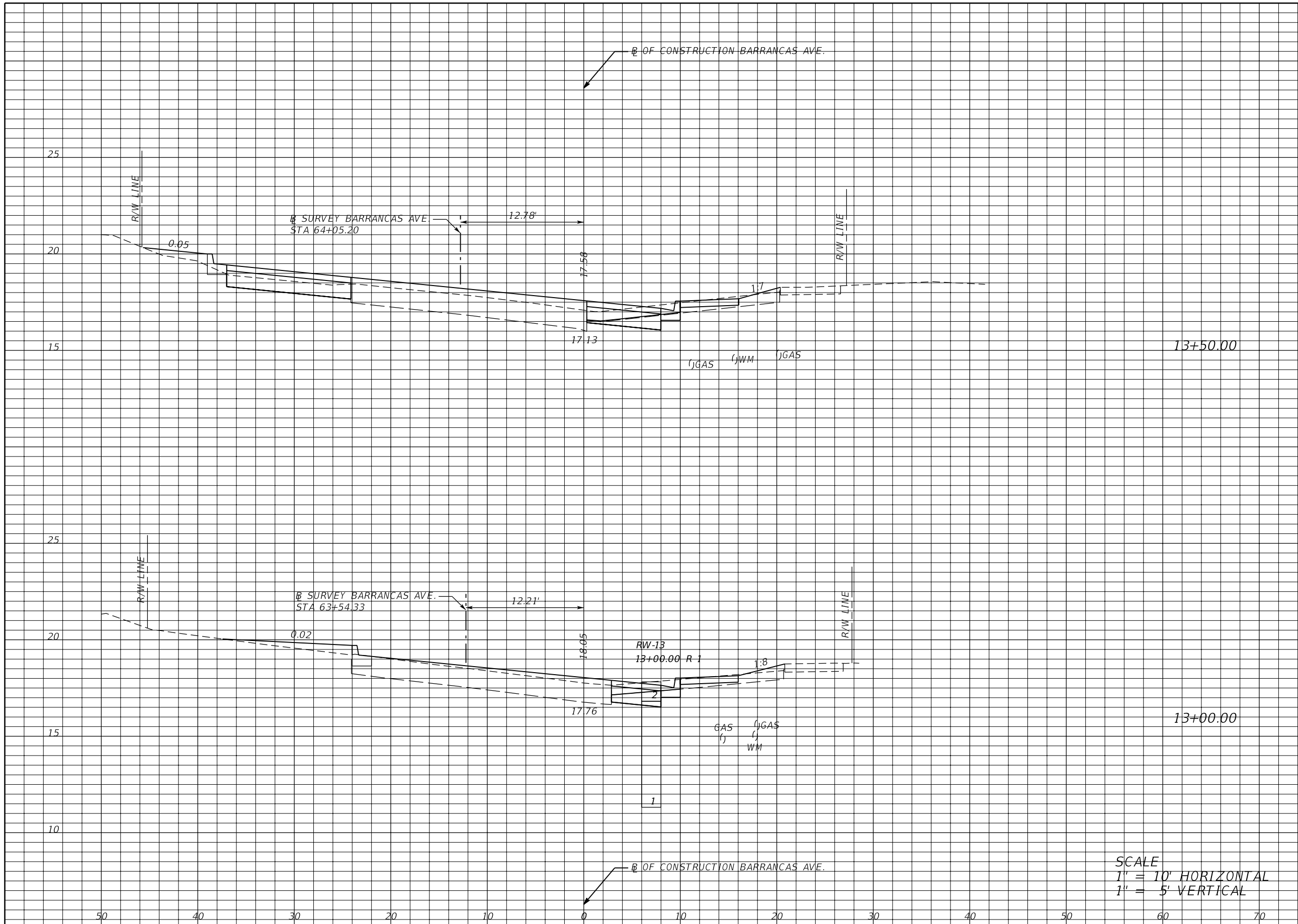
JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**CROSS SECTIONS
BARRANCAS AVE.**

SHEET NO.
95

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
13	15	5	10	4	16

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

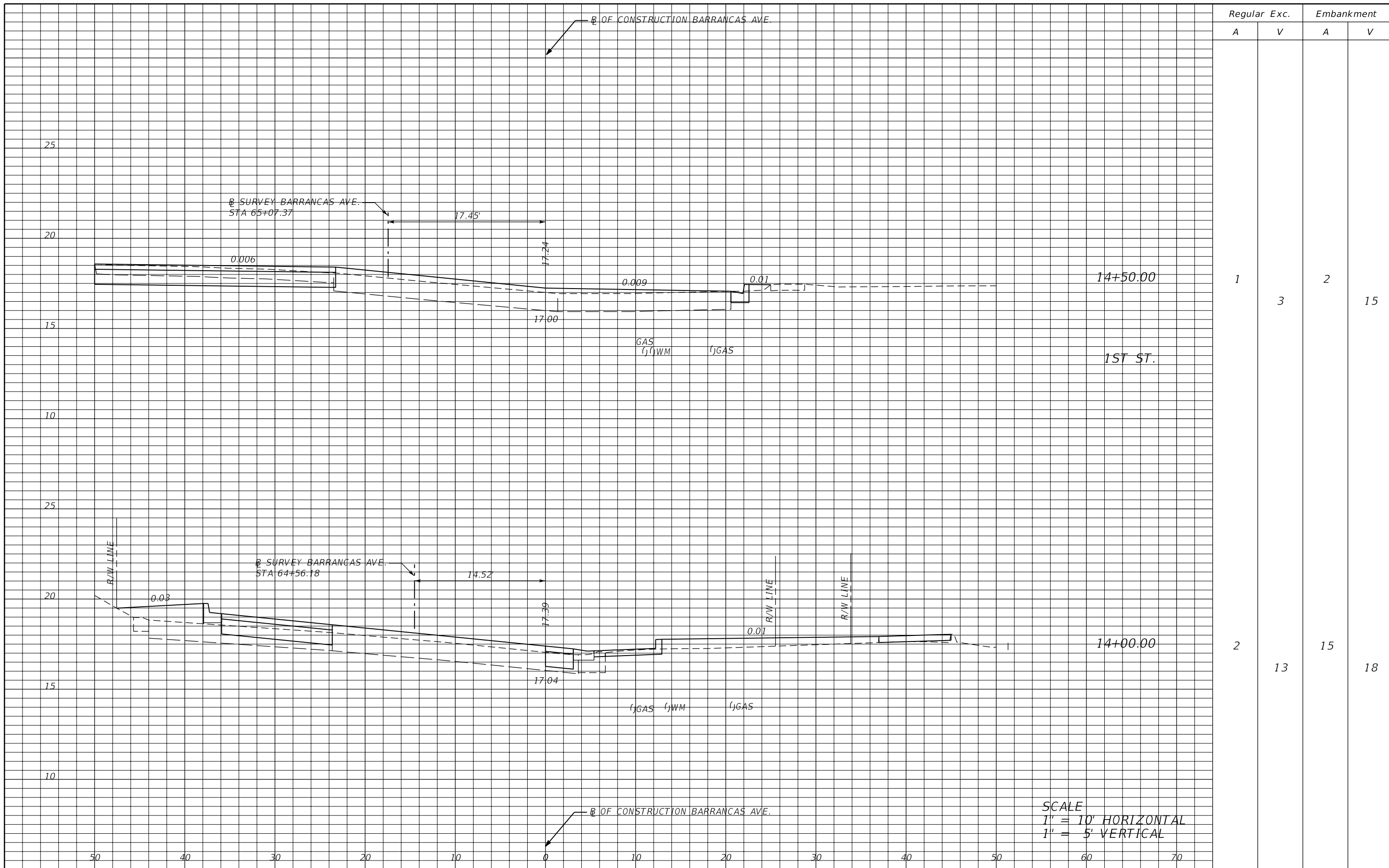
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**CROSS SECTIONS
BARRANCAS AVE.**

SHEET NO.
96

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1	3	2		15	
2	13	15		18	

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

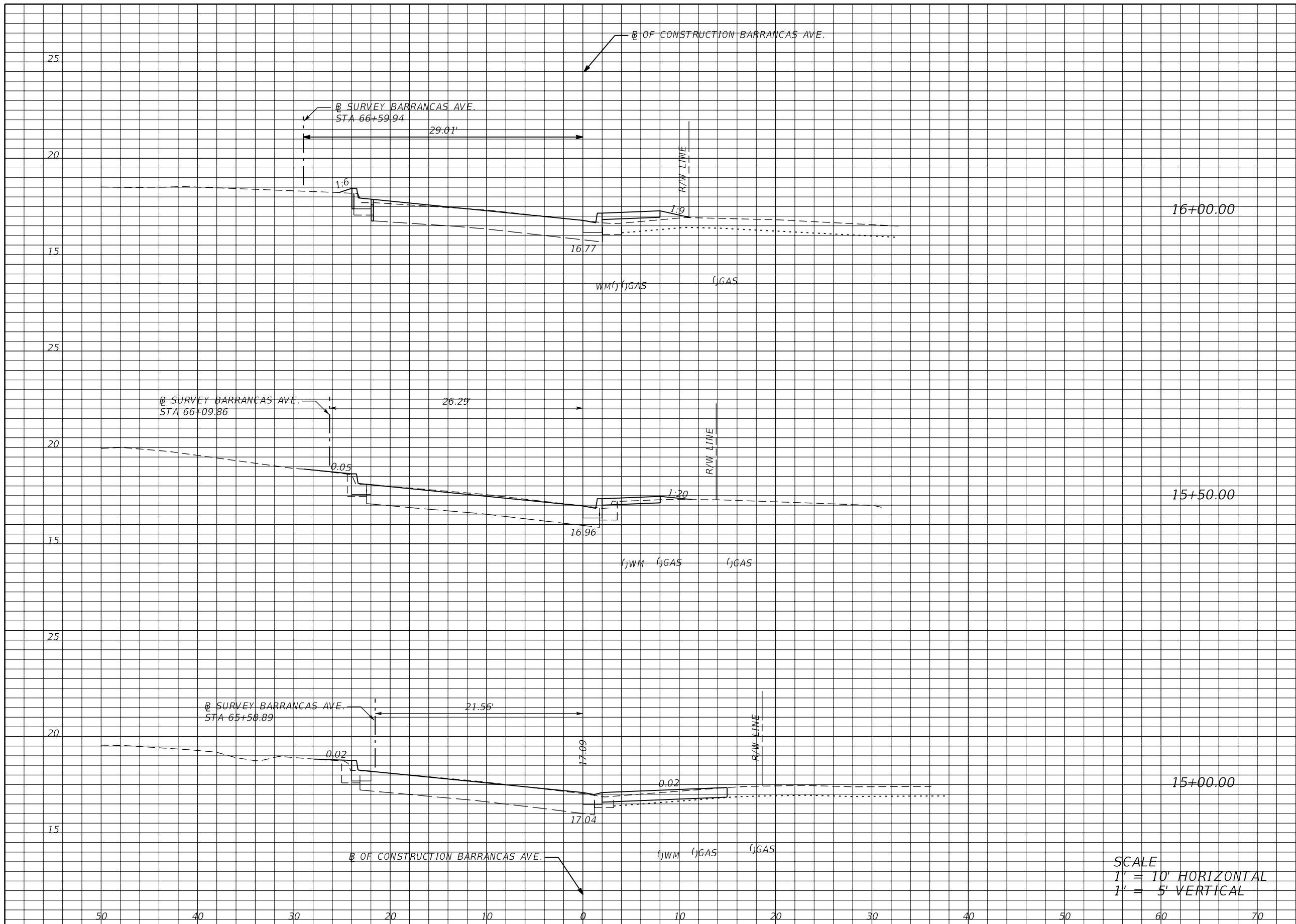
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**CROSS SECTIONS
BARRANCAS AVE.**

SHEET NO.
97

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	1	2	1	2	2
1	1	1	1	1	1
0	1	0	1	0	2

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

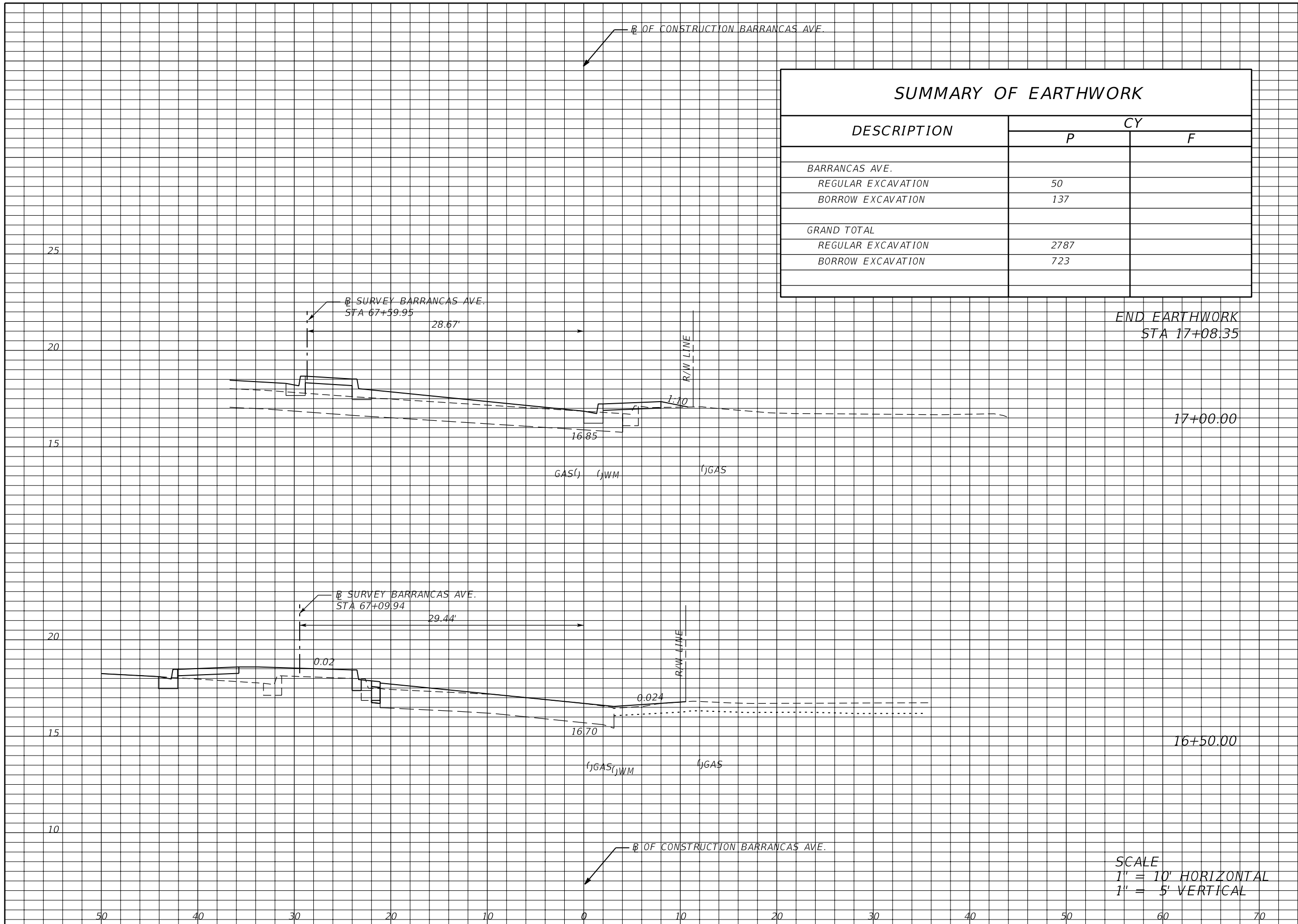
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
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 2616 JENKS AVENUE
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**CROSS SECTIONS
BARRANCAS AVE.**

SHEET NO.
98

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
BARRANCAS AVE.		
REGULAR EXCAVATION	50	
BORROW EXCAVATION	137	
GRAND TOTAL		
REGULAR EXCAVATION	2787	
BORROW EXCAVATION	723	

Regular Exc.		Embankment	
A	V	A	V
0	0	2	0
0	1	4	11
1	1	8	10

END EARTHWORK
STA 17+08.35

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
P.E. LICENSE NUMBER 66427
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**CROSS SECTIONS
BARRANCAS AVE.**

SHEET NO.
99

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

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

1.0. SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THIS OPERATIONAL IMPROVEMENT PROJECT INVOLVES WIDENING TO PROVIDE ADDITIONAL THROUGH LANES AND BIKE LANES, DRAINAGE IMPROVEMENTS, SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS AND ADA IMPROVEMENTS THROUGH THE INTERSECTION OF SR 292 (GULF BEACH HIGHWAY) AND SR 295 (NAVY BOULEVARD). EXISTING DRAINAGE PATTERNS WILL REMAIN ESSENTIALLY UNCHANGED WITH ROADWAY RUNOFF BEING CAPTURED AND CONVEYED IN THE EXISTING SYSTEM.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES IN THE SECTION 104 EROSION CONTROL PLANS. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. INSTALL CONTROL MEASURES
2. CLEARING AND GRUBBING, EARTHWORK FOR STORM DRAIN CONSTRUCTION.
3. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF CURB, SUBGRADE, BASE, PAVEMENT, SIDEWALK, TURNOUTS AND OTHER MISCELLANEOUS ITEMS.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 11.01 AC
TOTAL AREA TO BE DISTURBED: 1.72 AC

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.85
DURING: 0.86
AFTER: 0.86

SOIL DATA: IN GENERAL, THE ESCAMBIA COUNTY SOIL SURVEY LISTS THE PREDOMINANT SOIL IN THE AREA AS: FOXWORTH SAND.

OUTFALL INFORMATION:

THERE IS 1 OUTFALL.

#1 DESCRIPTION : SUNSET AVENUE POND TO DAVENPORT BAYOU AND ULTIMATELY PENSACOLA BAY AND THE GULF OF MEXICO

LOCATION: LATITUDE 30°22'59.65" N LONGITUDE: 87°16'32.89" W
RECEIVING WATER NAME: NOT APPLICABLE

1.E. SITE MAP:

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

•DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS.

•APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PROFILE SHEETS.

•AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED AS PROPOSED WORK ON THE PLAN SHEETS, THE PROFILE SHEETS, AND THE CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

•AREAS NOT TO BE DISTURBED: MOST OF THE PROJECT OUTSIDE THE TRAVEL WAY WILL BE DISTURBED DURING CONSTRUCTION. MOST OF THE EXISTING SURFACE IS IMPERVIOUS (PAVEMENT).

•LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN IN THE SUMMARY OF QUANTITIES IN THE PLANS. TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITIES SHEETS.

•LOCATION OF PERMANENT CONTROLS: LOCATION OF PERMANENT STABILIZATION IS SHOWN IN THE PLANS.

•AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS AND THE PLAN-PROFILE SHEETS.

•SURFACE WATERS: THE ONLY SURFACE WATER WITHIN THE SITE IS THE DITCH SYSTEM FROM THE BEGINNING OF THE PROJECT TO SR 295.

•DISCHARGE POINTS TO SURFACE WATERS: THERE IS ONLY ONE, THE SUNSET AVENUE POND (VORTECHS SEDIMENT REMOVAL SYSTEM).

1.F. RECEIVING WATERS:

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES. THERE ARE NO WETLAND AREAS ON THE PROJECT SITE.

2.0. CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

2.A.1. STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP ON THE SECTION 104 EROSION CONTROL PLAN.

TEMPORARY:

•TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

- ASPHALT OF CONCRETE SURFACE
- SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2. STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

- SEDIMENT BARRIERS IN ACCORDANCE WITH SPECIFICATION SECTION 104.
- INLET PROTECTION IN ACCORDANCE WITH SPECIAL DETAILS SHOWN IN THE CONTRACTOR'S TTC PLAN.

PERMANENT:

SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.B. STORMWATER MANAGEMENT:

STORMWATER WILL BE CONVEYED THROUGH STORMSEWER NETWORKS AND ROADSIDE SWALES/DITCHES.

2.C. OTHER CONTROLS:

2.C.1. WASTE DISPOSAL:

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

•PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.

•DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

•DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2. OFF-SITE VEHICLE TRACKING & DUST CONTROL:

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

•COVERING LOADED HAUL TRUCKS WITH TARPULINS.

•REMOVING EXCESS DIRT FROM THE ROADS DAILY.

•STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO SPECIFICATION SECTION 104.

•USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

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

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4. FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE FDOT STANDARD SPECIFICATIONS.

2.C.5. TOXIC SUBSTANCES:

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

2.D.4. APPROVED STATE AND LOCAL PLANS AND PERMITS:

FDEP RULE CHAPTER 62-25 F.A.C.

3.0. MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

•SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS, IN ACCORDANCE TO SPECIFICATION SECTION 104.

•INLET PROTECTION: REMOVE MILLED MATERIAL AND DEBRIS FROM BAGS TO KEEP FROM ENTERING TRAFFIC LANE AND CURB INLETS.

•THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP ON THE SECTION 104 EROSION CONTROL PLAN.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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4.0. INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- STRUCTURAL CONTROLS.

LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0. NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT DISTRICT HAZARDOUS MATERIALS COORDINATOR, ALAN HAGANS AT (850) 330-1511.

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MAINTENANCE OF TRAFFIC - GENERAL NOTES

1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, F.D.O.T. STANDARD SPECIFICATIONS, 2014 DESIGN STANDARDS INDEX 600, 611, 612, 613, 614, 615, 616, 617, 618, 619, 621, 622, 625, 628 and 660 AND AS DETAILED IN THESE PLANS.
2. ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS OF AN EVACUATION NOTICE FOR A HURRICANE OR ANY OTHER EMERGENCY EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVENT AS DIRECTED BY THE PROJECT ADMINISTRATOR.
3. ALL EXISTING WARNING, GUIDE AND REGULATORY SIGNS ON INTERSECTING SIDE STREETS SHALL BE MAINTAINED AT ALL TIMES. ANY PERMANENT TRAFFIC SIGNS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED.
4. ALL TEMPORARY STRIPING SHALL BE OF THE SAME WIDTH AS PERMANENT STRIPING.
5. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH INDEX 613, 614, 615 AND 616 WHEN INSTALLING PERMANENT RAISED PAVEMENT MARKERS, PERMANENT PAVEMENT MARKINGS, AND TEMPORARY MARKINGS.
6. THE CONTRACTOR SHALL ERECT SIGN W8-11 (UNEVEN LANES) WHENEVER A GRADE DIFFERENCE EXISTS BETWEEN LANES. THE SIGN SHALL BE ERECTED 500 FT. PRIOR TO THIS CONDITION (EXACT LOCATION MAY BE MODIFIED BASED ON FIELD CONDITIONS).
7. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO-WAY TRAFFIC TO AT LEAST ONE DRIVEWAY OF BUSINESS ESTABLISHMENTS AT ALL TIMES.
8. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
9. LANE CLOSURES SHALL NOT BE PERMITTED ANYWHERE ALONG THE PROJECT BETWEEN THE HOURS OF 6 AM TO 6 PM.
10. PER FDOT SPECIFICATION 8-6.4, SUSPENSION OF CONTRACTOR'S OPERATIONS--HOLIDAYS AND SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE: BLUE ANGELS AIR SHOW AT PENSACOLA NAS.
11. FLAGGER SIGNS ARE TO BE FULLY COVERED WHEN NO WORK IS BEING PERFORMED AND THE HIGHWAY IS OPEN TO TWO-WAY TRAFFIC.
12. THE CONTRACTOR SHALL UTILIZE A TRAFFIC CONTROL OFFICER, WITH A MARKED LAW ENFORCEMENT VEHICLE, DURING SIGNAL MODIFICATIONS AT INTERSECTIONS. THE OFFICERS SERVICES WILL BE REQUIRED FOR AN ESTIMATED 72 HOURS TOTAL FOR THE FOLLOWING INTERSECTIONS:
 SR 292 AND SR 295 - 24 HRS
 SR 292 AND 2ND STREET- 24 HRS
 SR 295 AND WINTHROP AVE - 24 HRS
13. EXISTING TRAFFIC SIGNALS AND TIMING WILL BE MAINTAINED BY THE CONTRACTOR UNTIL THE SIGNALS ARE REMOVED. SIGNAL TIMING SHALL BE MAINTAINED THROUGH OUT CONSTRUCTION. SIGNAL HEADS SHALL BE ADJUSTED TO ALIGN WITH LANES AS NECESSARY WITH LANE SHIFTS.
14. THE TRAFFIC SIGNALS SHALL BE OPERATED BY ACTUATION IMMEDIATELY AFTER INITIAL LOOPS ARE RENDERED INOPERATIVE THROUGH THE USE OF TEMPORARY LOOPS/DETECTORS, PERMANENT LOOPS, ETC., AS DIRECTED BY THE ENGINEER.
15. THE CONTRACTOR SHALL INSTALL TEMPORARY PAVEMENT MARKINGS AND REFLECTIVE PAVEMENT MARKERS AT THE END OF EACH OPERATION OR DAYS OPERATION PRIOR TO OPENING TRAFFIC.
16. MILLING OPERATIONS IN TRAVEL LANES ARE RESTRICTED TO ONLY THAT AREA WHICH CAN BE MILLED AND RESURFACED WITHIN THE SAME WORK OPERATION AND PRIOR TO OPENING TO TRAFFIC.
17. TEMPORARY PAVEMENT REQUIRMENTS:
 ANY TEMPORARY PAVEMENT CALLED FOR ON THE PLANS OR PROPOSED BY THE CONTRACTOR SHALL AS A MINIMUM BE: OPTIONAL BASE GROUP 8 WITH TYPE SP STRUCTURAL COURSE (2.5") ON A FIRMLY COMPACTED AND UNYIELDING SUBGRADE. COST OF TEMPORARY PAVEMENT INCLUDING INSTALLATION, MATERIALS, AND REMOVAL SHALL BE INCLUDED IN THE MAINTENANCE OF TRAFFIC PAY ITEM 102-1. THE CONTRACTOR IS RESPONSIBLE TO BOTH CONSTRUCT AND MAINTAIN ALL TEMPORARY PAVEMENT THROUGH THE PHASING OF THE PROJECT.
18. ALL DRAINAGE INLETS THAT ARE CONSTRUCTED PRIOR TO FINAL SURROUNDING GRADE BEING ACHIEVED WILL REQUIRE TEMPORARY COVERING THAT WILL ALLOW DRAINAGE FLOW AND PROTECT THE INLET DURING TTCP PHASES.
19. THE LOCATION OF ALL TRAFFIC CONTROL DEVICES SHOWN IN THE PLANS IS APPROXIMATE ONLY AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET ACTUAL FIELD CONDITIONS. LONGITUDINAL DIMENSIONS ARE TO BE ADJUSTED TO FIT FIELD CONDITIONS.

RECOMMENDED GENERAL CONSTRUCTION SEQUENCE

* APPLIES TO ALL PHASES

1. INSTALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL DEVICES.
2. INSTALL EROSION CONTROL ITEMS.
3. COMPLETE CLEARING AND GRUBBING AND CONCRETE REMOVAL.
4. CONSTRUCT DRAINAGE MODIFICATIONS.
5. MILL ROADWAY, CONSTRUCT OVERBUILD FOR SLOPE CORRECTION, CONSTRUCT STRUCTURAL COURSE.
6. CONSTRUCT ROADWAY WIDENING.
7. CONSTRUCT NEW CURB AND GUTTER.
8. CONSTRUCT SIDEWALK AND DRIVEWAY TURNOUTS.
9. PLACE FRICTION COURSE AND FINAL SURFACE PAVEMENT MARKINGS.
10. CLEAN SITE, REMOVE EROSION CONTROL DEVICES, AND CONSTRUCTION SIGNING.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

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TRAFFIC CONTROL PLAN - PHASE NOTES

PHASE I

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS, AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL. INCLUDING PROJECT INFORMATION SIGNS (4) TO REMAIN IN USE DURING ENTIRE DURATION OF PROJECT UNLESS CONFLICTS OCCUR WITH SUBSEQUENT PHASES.
- B. INSTALL EROSION CONTROL DEVICES. (EACH PHASE AS NEEDED)

PHASE II ISLAND REMOVAL ON SR 292

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS, AND OTHER DEVICES FOR TRAFFIC CONTROL PER INDEX 613, 614, 615 AND 616.
- B. MILL, CONSTRUCT OVERBUILD AND STRUCTURAL COURSE ON LANES ADJACENT TO WORK ZONE AS NECESSARY. SUCH THAT UPON COMPLETING WORK IN PHASE II, THE ROADWAY SURFACE WILL BE SMOOTH, PROVIDE POSITIVE DRAINAGE TO OUTSIDE LANES (NO RUNOFF TRAPPED IN LANES). OVERBUILD CONSTRUCTED ADJACENT TO EXISTING INLETS SHALL NOT BLOCK FLOW INTO INLETS.
- C. REMOVE EXISTING ISLAND, @ CONST. SR 292, STA. 215+90.56-217+23.60, CONSTRUCT BASE AND STRUCTURAL COURSES TO MATCH EXISTING PAVEMENT ELEVATION.

PHASE III 2ND ST., SOUTH SIDE OF BARRANCAS & NEW SIGNAL

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS, AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL.
- B. PLACE TEMPORARY MARKINGS AND RPM'S PER PHASE III DETAILS.
- C. RELOCATE CURB INLETS, REMOVE EXISTING SIDEWALKS AND CURB AND GUTTER. CONSTRUCT NEW CURB AND GUTTER, SIDEWALK, ISLANDS AT 2ND ST. AS SHOWN ON THE PLANS.
- D. CONSTRUCT NEW SIGNAL AT 2ND ST.
- E. REMOVE EXISTING SIGNAL AT 2ND ST. AND SR 292 PER INDEX 625. PERFORM SIGNAL REMOVAL AND TEMPORARY ROAD CLOSURE AT 3:00 A.M. OR AS DIRECTED BY THE ENGINEER.

PHASE IV SR 292, LT. SIDE WIDENING

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL PER INDEX 613, 614, 615, AND 616. WIDENING FROM STA. 212+00 TO 223+00, LT., IS SHOWN IN THE PHASE IV DETAILS.
- B. MILL, CONSTRUCT OVERBUILD AND STRUCTURAL COURSE ON LANES ADJACENT TO WORK ZONE AS NECESSARY. SUCH THAT UPON COMPLETING WORK IN PHASE IV, THE ROADWAY SURFACE WILL BE SMOOTH, PROVIDE POSITIVE DRAINAGE TO OUTSIDE LANES (NO RUNOFF TRAPPED IN LANES). OVERBUILD CONSTRUCTED ADJACENT TO EXISTING INLETS SHALL NOT BLOCK FLOW INTO INLETS.
- C. RELOCATE CURB INLETS, INSTALL CONDUIT AND SIGNAL COMPONENTS, REMOVE EXISTING SIDEWALKS, CURB AND GUTTER AND CONSTRUCT NEW AS SHOWN ON PLANS.
- D. CONST. WIDENING BASE AND STRUCTURAL COURSES.
- E. PLACE TEMPORARY MARKINGS & RPM'S.

PHASE V SR 292, RT. SIDE WIDENING

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL PER INDEX 613, 614, 615 AND 616.
- B. RELOCATE CURB INLETS, INSTALL CONDUIT AND SIGNAL COMPONENTS, REMOVE CURB AND GUTTER AND CONSTRUCT NEW ITEMS AS SHOWN ON PLANS.
- C. CONST. WIDENING BASE AND STRUCTURAL COURSES.
- D. PLACE TEMPORARY MARKINGS & RPM'S.

PHASE VI SR 295, CONC. PAVEMENT REPLACEMENT

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL.
- B. REMOVE EXISTING ISLANDS, @ SURVEY SR 295, STA. 65+42.88 - 68+45.41, AND CONSTRUCT TEMPORARY PAVEMENT EVEN WITH ADJACENT EXISTING PAVEMENT. SEE TYPICAL SECTIONS FOR LOCATIONS OF TEMPORARY PAVEMENT. PLACE TEMPORARY MARKINGS & RPM'S. TEMPORARILY SHIFT TRAFFIC TO WEST AS SHOWN ON THE TYPICAL SECTION. REMOVE AN 18' WIDE SECTION OF THE NORTHBOUND CONCRETE PAVEMENT. CONSTRUCT STABILIZATION, BASE AND STRUCTURAL COURSE PER FINAL DESIGN PLANS. KEEP POSITIVE DRAINAGE ON PAVEMENT CROSS SLOPES, BY CONSTRUCTING ASPHALT WEDGES IF NEEDED ON OPEN TRAFFIC LANES.

PHASE VI, CONTINUED SR 295, CONC. PAVEMENT REPLACEMENT

- C. PLACE TEMPORARY STRIPING AND RPM'S ALONG RECONSTRUCTED PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS FOR NORTHBOUND TRAFFIC. WITHIN WORK ZONE, REMOVE REMAINING 4' WIDTH SECTION OF CONCRETE PAVEMENT, CONSTRUCT STABILIZATION, BASE AND STRUCTURAL COURSES PER FINAL DESIGN PLANS. KEEP POSITIVE DRAINAGE ON ALL PAVEMENT SLOPES.
- D. PLACE TEMPORARY STRIPING AND RPM'S PER TYPICAL SECTION. NORTHBOUND LANES CAN REMAIN STRIPED AS IN PHASE VI C., SOUTHBOUND LEFT TURN LANE SHIFTS EAST, AND SOUTHBOUND THRU LANES SHIFT SLIGHTLY WEST TO 10' LANE WIDTHS. REMOVE AS MUCH OF THE SOUTHBOUND CONCRETE PAVEMENT AS POSSIBLE WITHIN THE WORK ZONE. CONSTRUCT STABILIZATION, BASE AND STRUCTURAL COURSES PER FINAL DESIGN PLANS. KEEP POSITIVE DRAINAGE ON ALL PAVEMENT SLOPES.
- E. PLACE TEMPORARY STRIPING AND RPM'S PER TYPICAL SECTION. REMOVE REMAINING PORTION OF THE SOUTHBOUND CONCRETE SLABS, CONSTRUCT STABILIZATION, BASE AND STRUCTURAL COURSE PER FINAL DESIGN PLANS.
- F. CONSTRUCT TRAFFIC SEPARATORS PRIOR TO SHIFTING SOUTHBOUND LANES TO THEIR FINAL LOCATION. STRIPE PAVEMENT AND PLACE RPM'S FOR FINAL LANE CONFIGURATION AS SHOWN IN THE SIGNING AND PAVEMENT MARKING PLANS. REMOVE TEMPORARY PAVEMENT, CONSTRUCT RIGHT TURN LANES AND PAVED SHOULDERS/TURNOUT CONSTRUCTION PER FINAL PLANS.

PHASE VII SR 295, RT. SIDE

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS, AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL PER INDEX 613, 614, 615, AND 616.
- B. MILL AND RESURFACE EXISTING ASPHALT PAVEMENT AND CONSTRUCT OVERBUILD AS REQUIRED ADJACENT TO WIDENING AREAS. KEEP EXISTING INLETS OPEN ADJACENT TO OVERBUILD LOCATIONS.
- C. RELOCATE CURB INLETS, INSTALL CONDUIT AND SIGNAL COMPONENTS, REMOVE EXISTING SIDEWALKS, CURB AND GUTTER AND CONSTRUCT NEW AS SHOWN ON PLANS.
- D. CONSTRUCT WIDENING BASE AND STRUCTURAL COURSES.
- E. PLACE TEMPORARY PAVEMENT MARKINGS & RPM'S.

PHASE VIII SR 295, LT. SIDE

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS, AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL PER INDEX 613, 614, 615, AND 616.
- B. MILL AND RESURFACE EXISTING ASPHALT PAVEMENT AND CONSTRUCT OVERBUILD AS REQUIRED ADJACENT TO WIDENING AREAS. KEEP EXISTING INLETS OPEN ADJACENT TO OVERBUILD LOCATIONS.
- C. RELOCATE CURB INLETS, INSTALL CONDUIT AND SIGNAL COMPONENTS, REMOVE EXISTING SIDEWALKS, CURB AND GUTTER AND CONSTRUCT NEW AS SHOWN ON PLANS.
- D. CONSTRUCT WIDENING BASE AND STRUCTURAL COURSES.
- E. PLACE TEMPORARY PAVEMENT MARKINGS & RPM'S.

PHASE IX BARRANCAS AVE.

- A. INSTALL SIGNS, BARRICADES, DRUMS OR CONES, WARNING LIGHTS, AND OTHER DEVICES REQUIRED FOR TRAFFIC CONTROL PER INDEX 613, 614, 615, AND 616.
- B. MILL AND RESURFACE EXISTING ASPHALT PAVEMENT AND CONSTRUCT OVERBUILD AS REQUIRED ADJACENT TO WIDENING AREAS. KEEP EXISTING INLETS OPEN ADJACENT TO OVERBUILD LOCATIONS.
- C. RELOCATE CURB INLETS, REMOVE EXISTING CURB AND GUTTER AND CONSTRUCT NEW WORK AS SHOWN ON PLANS.
- D. CONSTRUCT WIDENING BASE AND STRUCTURAL COURSES.
- E. PLACE TEMPORARY PAVEMENT MARKINGS & RPM'S.

PHASE X

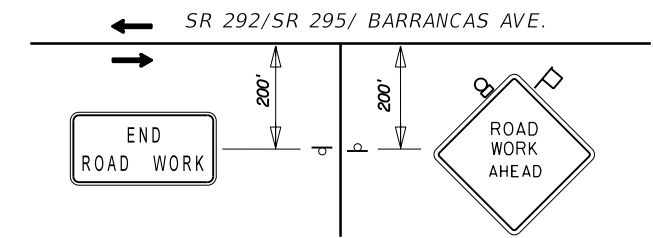
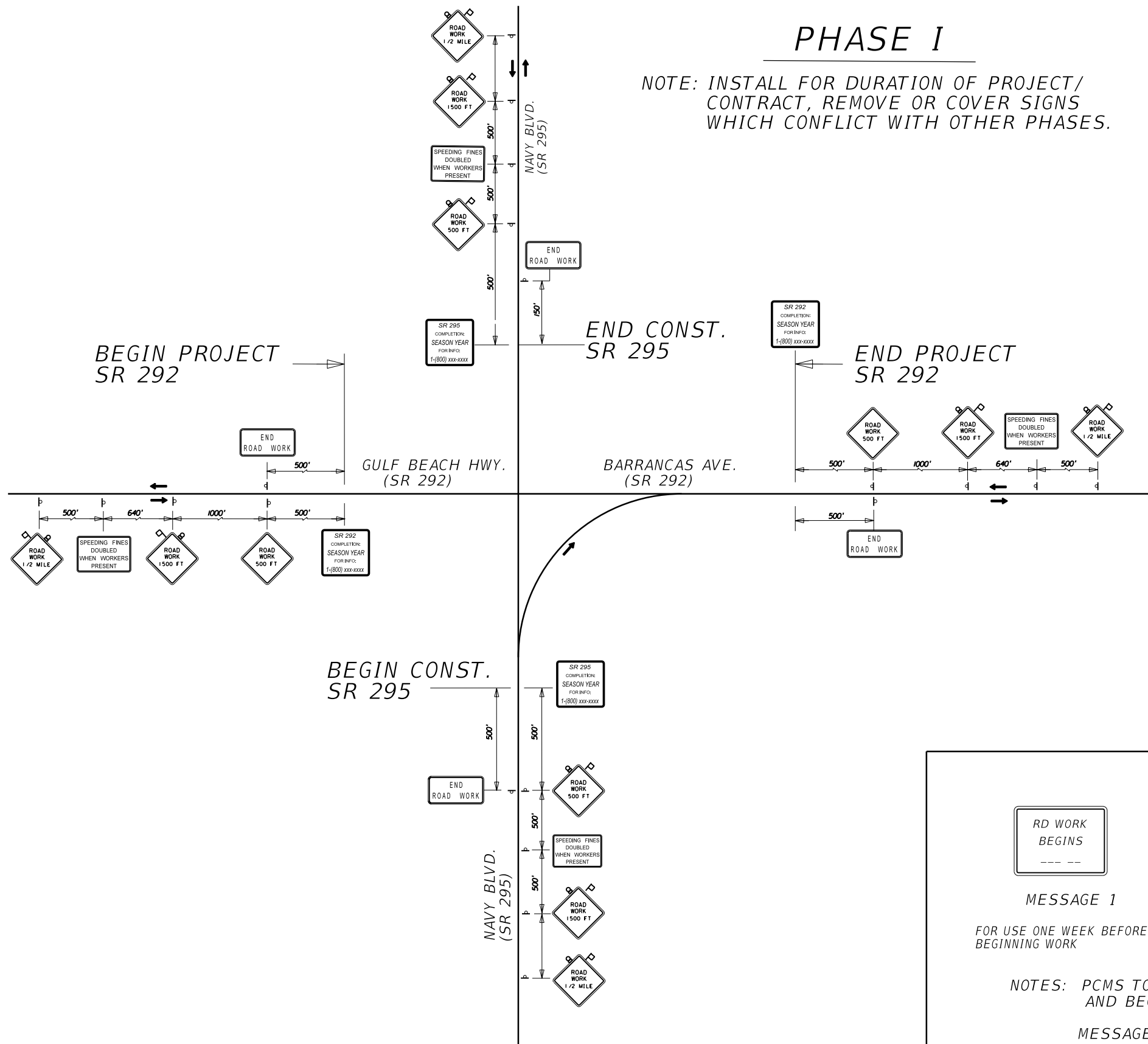
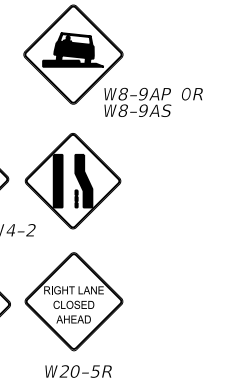
- A. PLACE TEMPORARY MARKINGS & RPM'S.
- B. PLACE REMAINING OVERBUILD, AS REQUIRED TO MEET CROSS SLOPES SPECIFIED ON FRICTION COURSE, FINAL SURFACE PAVEMENT MARKINGS & RPM'S.
- C. REMOVE TEMPORARY SIGNS, INSTALL PERMANENT SIGNS, AND COMPLETE TRAFFIC AND PEDESTRIAN SIGNAL WORK.
- D. CLEAN UP SITE AND REMOVE ALL CONSTRUCTION RELATED SIGNING.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">TRAFFIC CONTROL PLAN NOTES</h2>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		103
						SR 292	ESCAMBIA		409792-7-52-01

PHASE I

NOTE: INSTALL FOR DURATION OF PROJECT/
CONTRACT, REMOVE OR COVER SIGNS
WHICH CONFLICT WITH OTHER PHASES.

TO BE LOCATED AS REQUIRED DEPENDING
ON OPERATION BEING PERFORMED. SEE
STANDARD INDEX 604, 606 AND 613 FOR
PLACEMENT DETAILS.



TYPICAL SIDE STREET SIGNING

- RUNYAN ST. - N&S
- MANCNESTER ST.
- MERRITT ST. - N&S
- COMMERCE ST.
- HARRIS ST. - N&S
- WASHINGTON ST.
- 1ST. ST.
- RAYMOND ST.
- 2ND. ST.
- WINTHROP AVE. - E&W
- 3RD. ST.

MESSAGES FOR PCMS



MESSAGE 1

FOR USE ONE WEEK BEFORE
BEGINNING WORK



MESSAGE 1

FOR USE DURING CONSTRUCTION
ACTIVITIES NOT REQUIRING LANE
CLOSURES.



MESSAGE 2



MESSAGE 1

FOR USE DURING CONSTRUCTION
ACTIVITIES REQUIRING LANE CLOSURES.



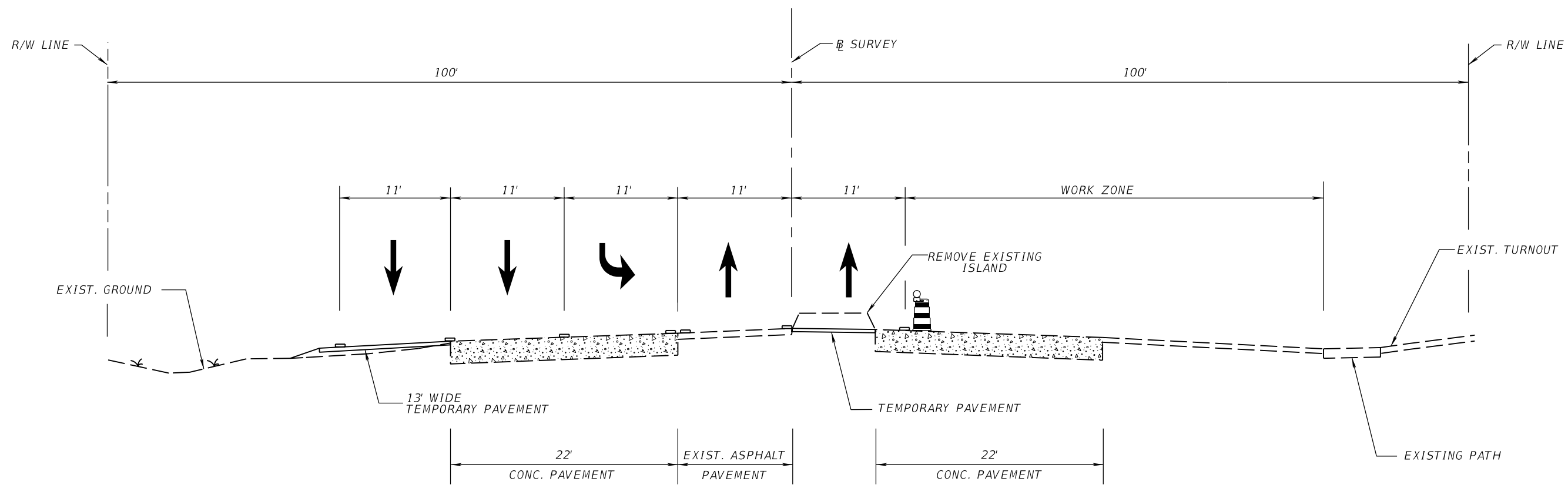
MESSAGE 2

NOTES: PCMS TO BE PLACED 250' BEFORE BEGIN AND END PROJECT
AND BEGIN AND END CONSTRUCTION ON SR 295

MESSAGES AND LOCATION MAY BE ALTERED AS DIRECTED
BY THE ENGINEER.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2>TRAFFIC CONTROL PLAN</h2>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		104
					SR 292	ESCAMBIA	409792-7-52-01		

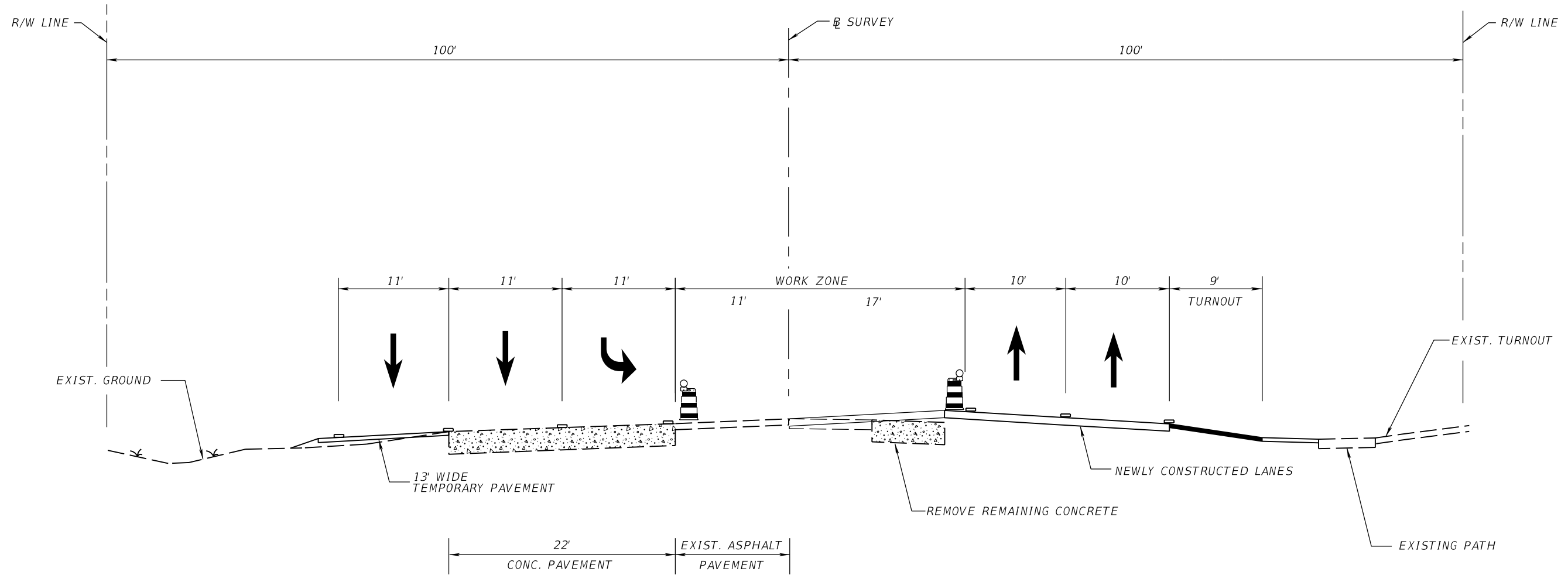
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



TYPICAL SECTION
PHASE VI B.

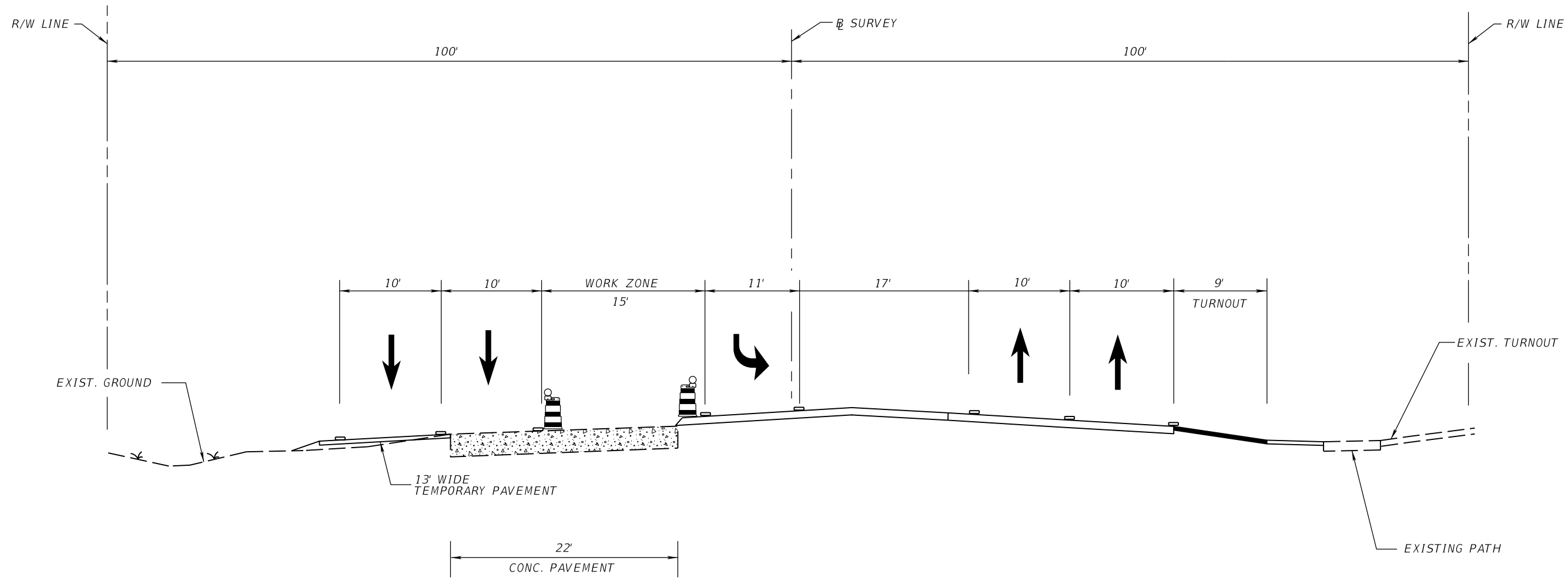
REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN	SHEET NO. 105
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 292	ESCAMBIA		409792-7-52-01

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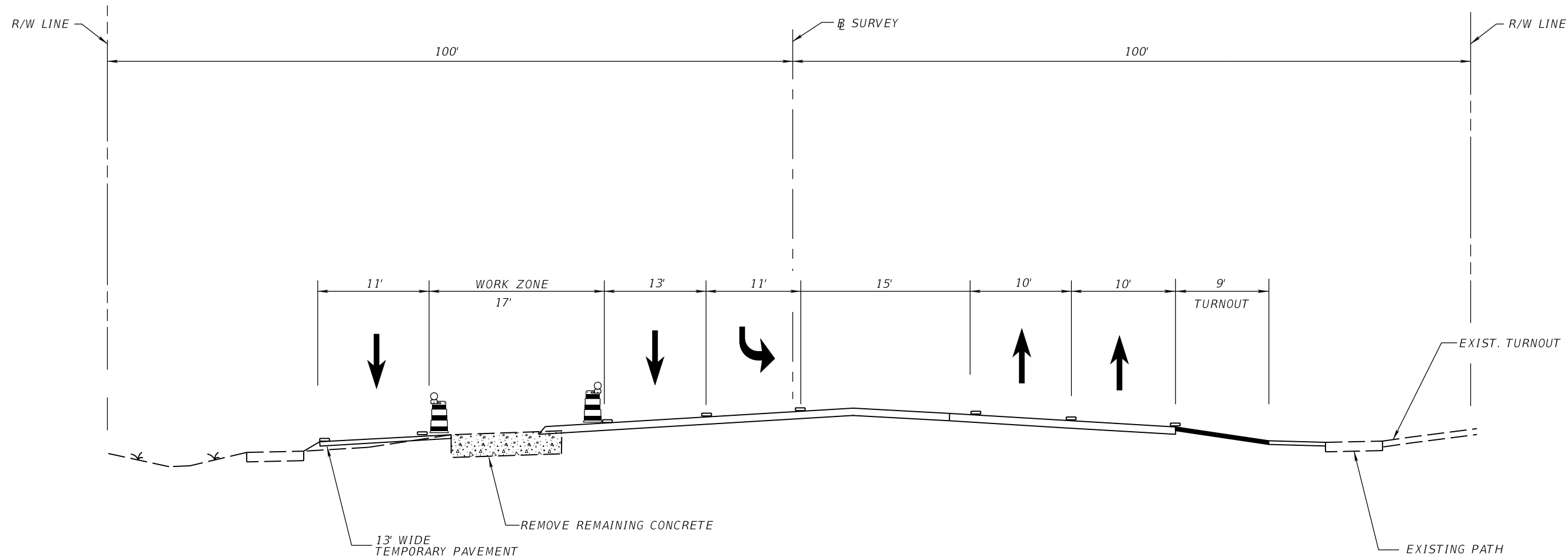
TYPICAL SECTION
PHASE VI C.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		106
					SR 292	ESCAMBIA	409792-7-52-01		



TYPICAL SECTION
PHASE VI D.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN	SHEET NO. 107
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		



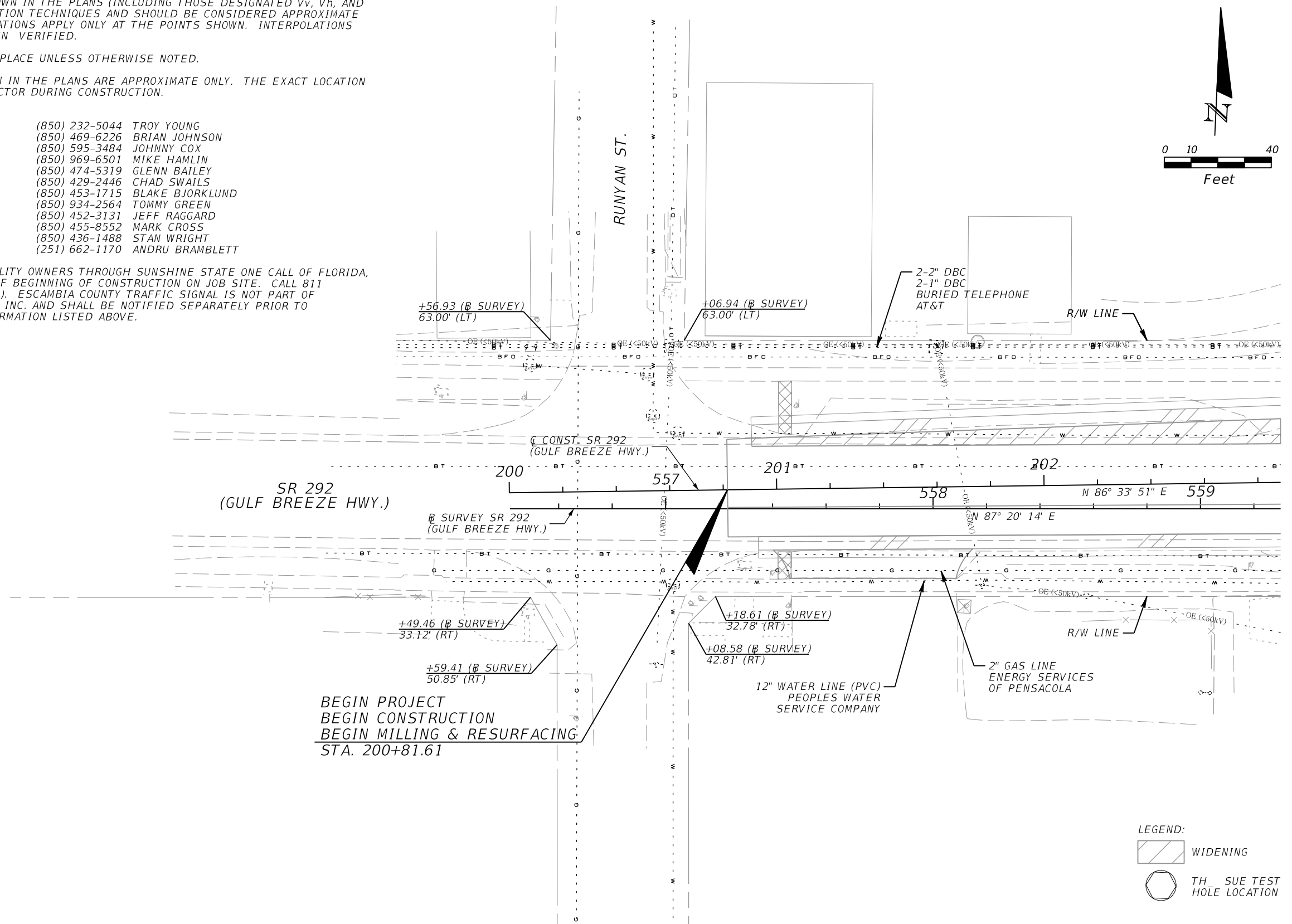
TYPICAL SECTION
PHASE VI E.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		108
					SR 292	ESCAMBIA	409792-7-52-01		

GENERAL NOTES

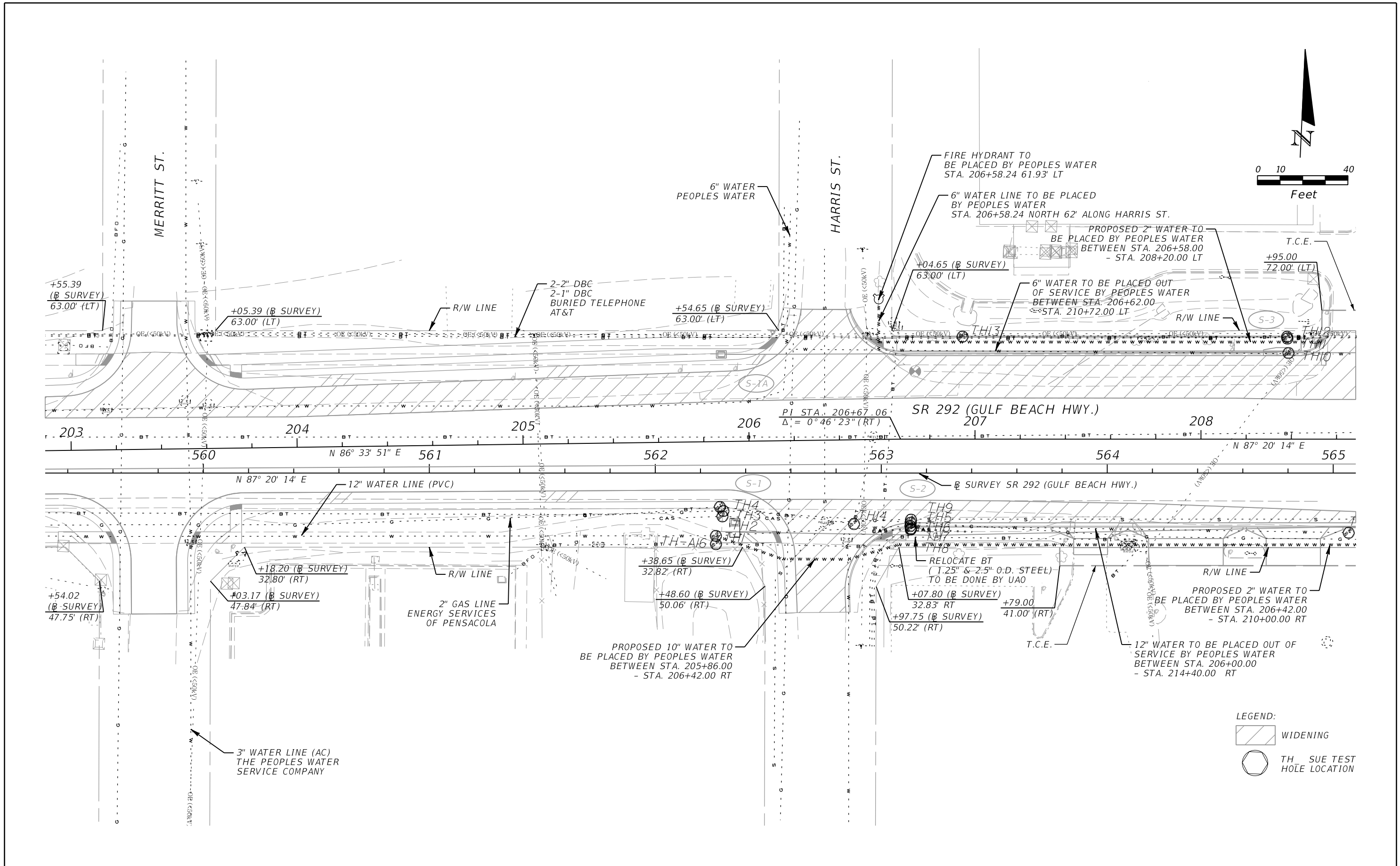
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
3. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.
4. UTILITY/AGENCY OWNERS:



COX COMMUNICATIONS	(850) 232-5044	TROY YOUNG
ESCAMBIA COUNTY SCHOOL DISTRICT	(850) 469-6226	BRIAN JOHNSON
ESCAMBIA COUNTY, TRAFFIC SIGNAL	(850) 595-3484	JOHNNY COX
EMERALD COAST UTILTY AUTHORITY	(850) 969-6501	MIKE HAMLIN
PENSACOLA ENERGY	(850) 474-5319	GLENN BAILEY
GULF POWER	(850) 429-2446	CHAD SWAILS
GULF SOUTH PIPELINE CO LP	(850) 453-1715	BLAKE BJORKLUND
MEDIACOM	(850) 934-2564	TOMMY GREEN
NAVY PUBLIC WORKS	(850) 452-3131	JEFF RAGGARD
THE PEOPLES WATER SERVICE CO	(850) 455-8552	MARK CROSS
ATT FL	(850) 436-1488	STAN WRIGHT
SOUTHERN LIGHT LLC	(251) 662-1170	ANDRU BRAMBLETT
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, INC. TWO BUSINESS DAYS IN ADVANCE OF BEGINNING OF CONSTRUCTION ON JOB SITE. CALL 811 (NATIONWIDE TOLL FREE UTILITY LOCATE). ESCAMBIA COUNTY TRAFFIC SIGNAL IS NOT PART OF SUNSHINE STATE ONE CALL OF FLORIDA, INC. AND SHALL BE NOTIFIED SEPARATELY PRIOR TO CONSTRUCTION WITH THE CONTACT INFORMATION LISTED ABOVE.



REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 109
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

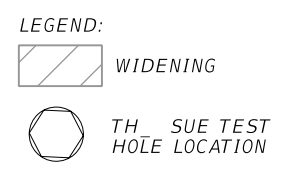
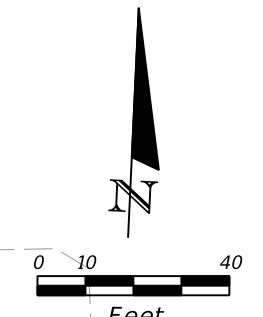
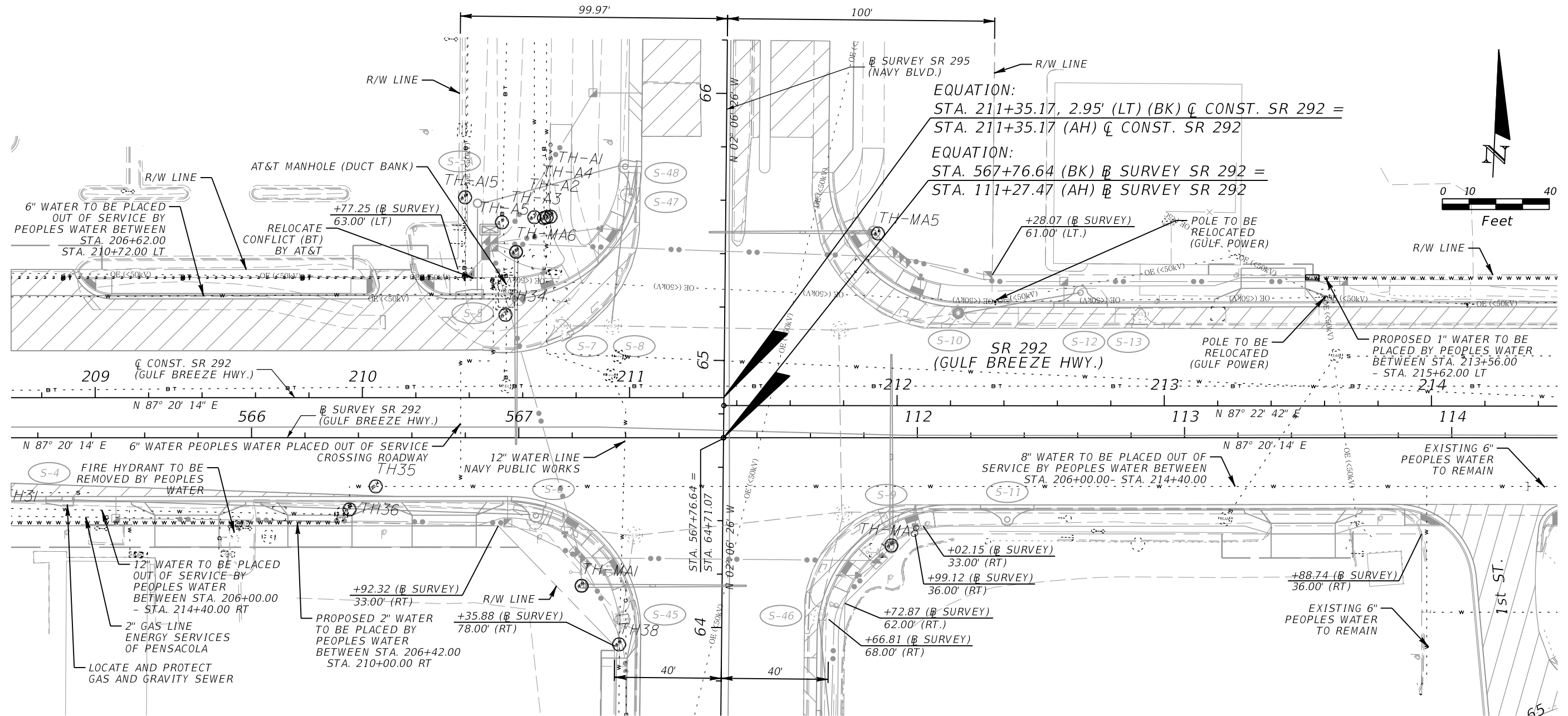
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



LEGEND:
 WIDENING
 TH SUE TEST HOLE LOCATION

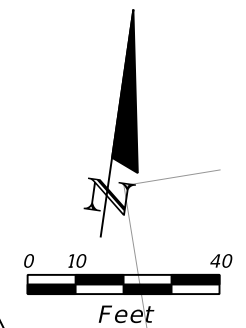
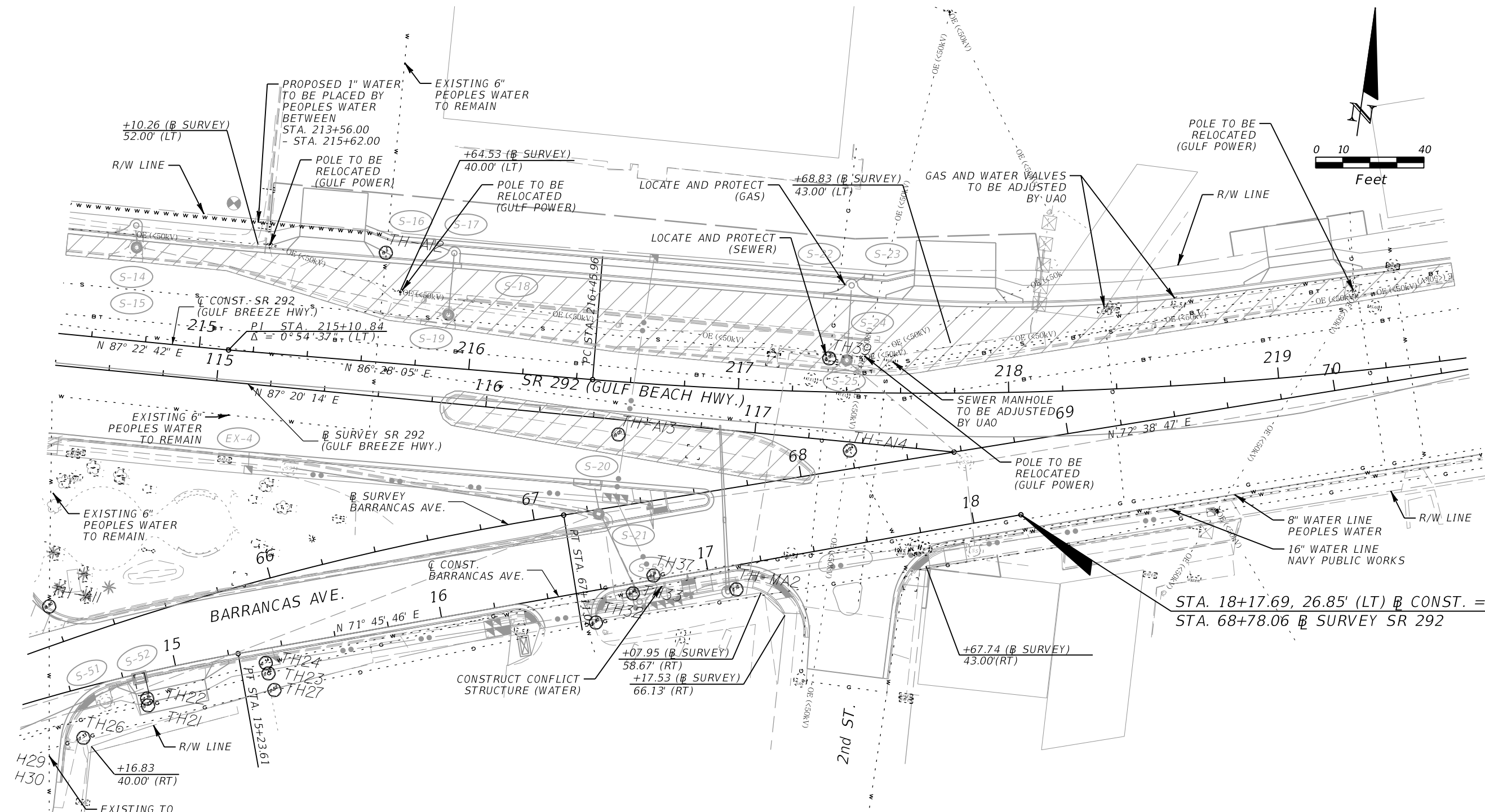
REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 110
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

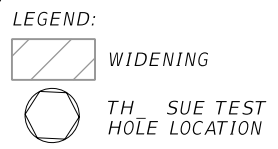


REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 111
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

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<p>CURVE DATA CRV16 PI STA. = 65+24.92 Δ = 19°45'13" (RT) D = 5°15'10" T = 189.92 L = 376.07 R = 1,090.79 PC STA. = 63+35.00 PT STA. = 67+11.07</p>	<p>CURVE DATA BLRTRDWY-2 PI STA. = 13+96.06 Δ = 20°37'16" (RT) D = 7°59'41" T = 130.38 L = 257.93 R = 716.67 PCC STA. = 12+65.68 PT STA. = 15+23.61 e = 0.050</p>	<p>CURVE DATA CL2-1 PI STA. = 218+20.90 Δ = 13°03'46" (LT) D = 3°44'59" T = 174.94 L = 348.37 R = 1,528.00 PC STA. = 216+45.96 PT STA. = 219+94.32 e = NC</p>
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

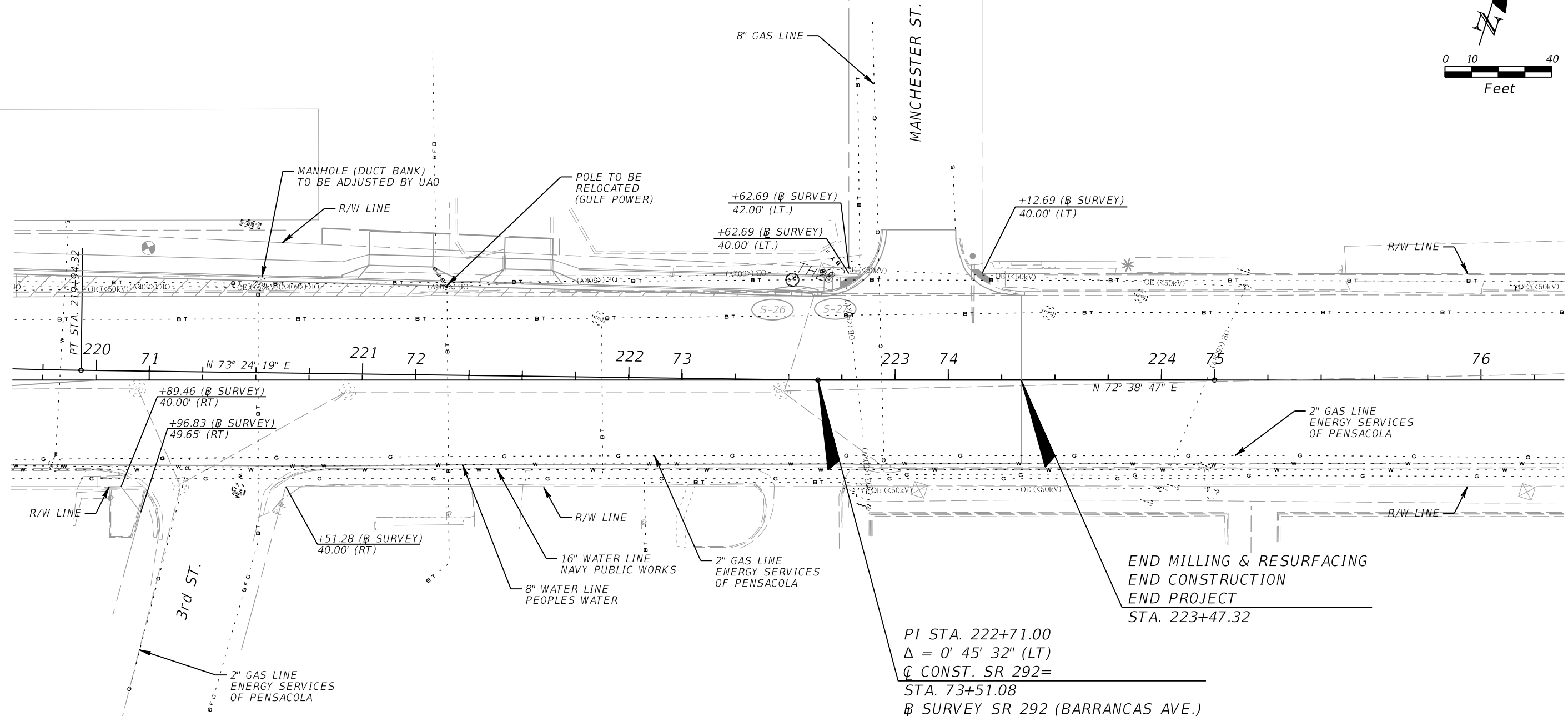
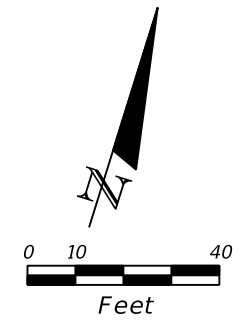
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**UTILITY ADJUSTMENT
SHEET**

SHEET
NO.
112

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



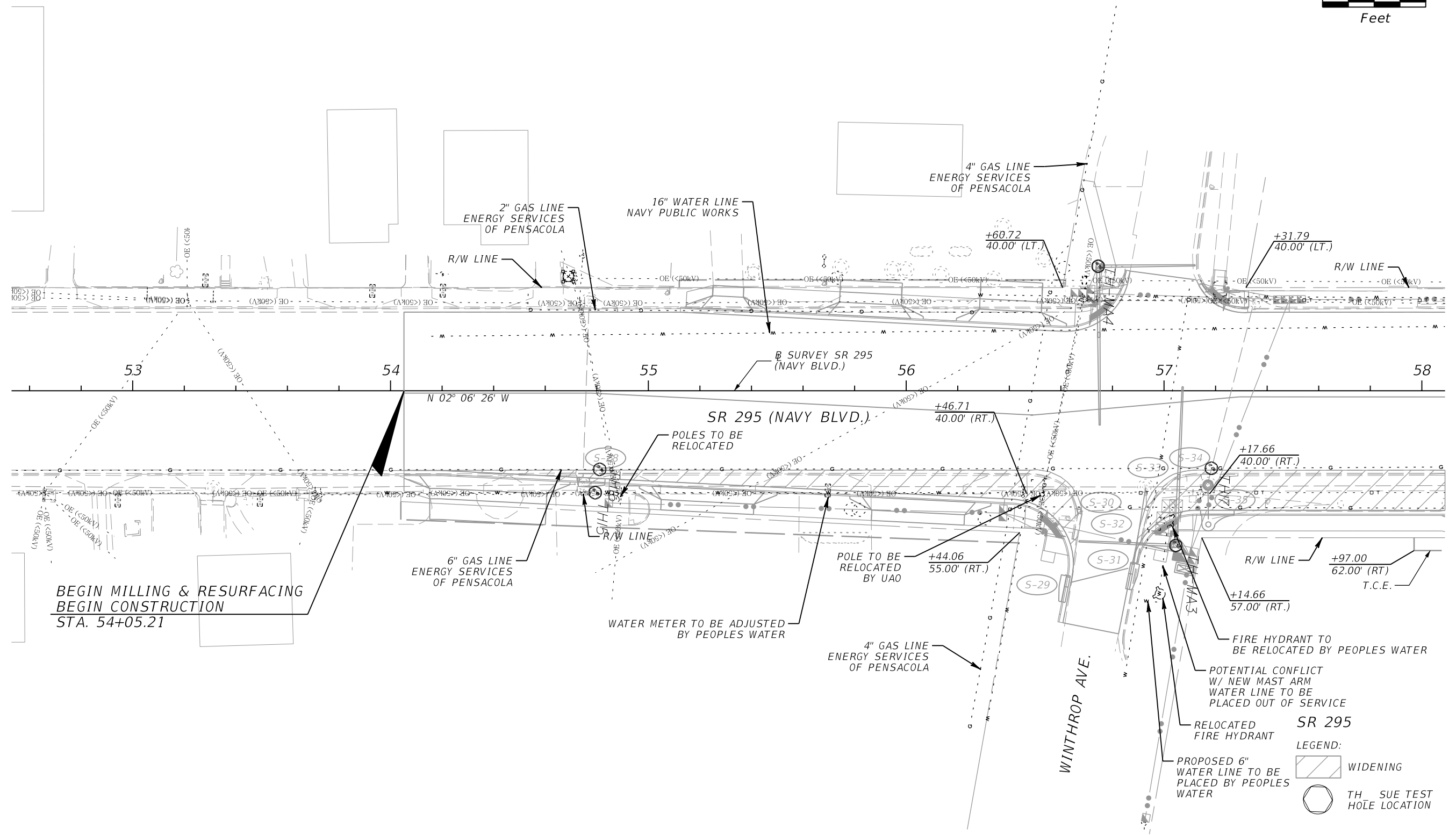
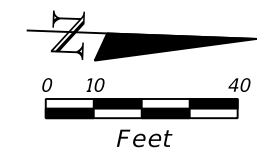
CURVE DATA CL2-1
 PI STA. = 218+20.90
 Δ = 13° 03' 46" (LT)
 D = 3° 44' 59"
 T = 174.94
 L = 348.37
 R = 1,528.00
 PC STA. = 216+45.96
 PT STA. = 219+94.32
 e = NC

LEGEND:
 WIDENING
 TH SUE TEST HOLE LOCATION

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 113
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

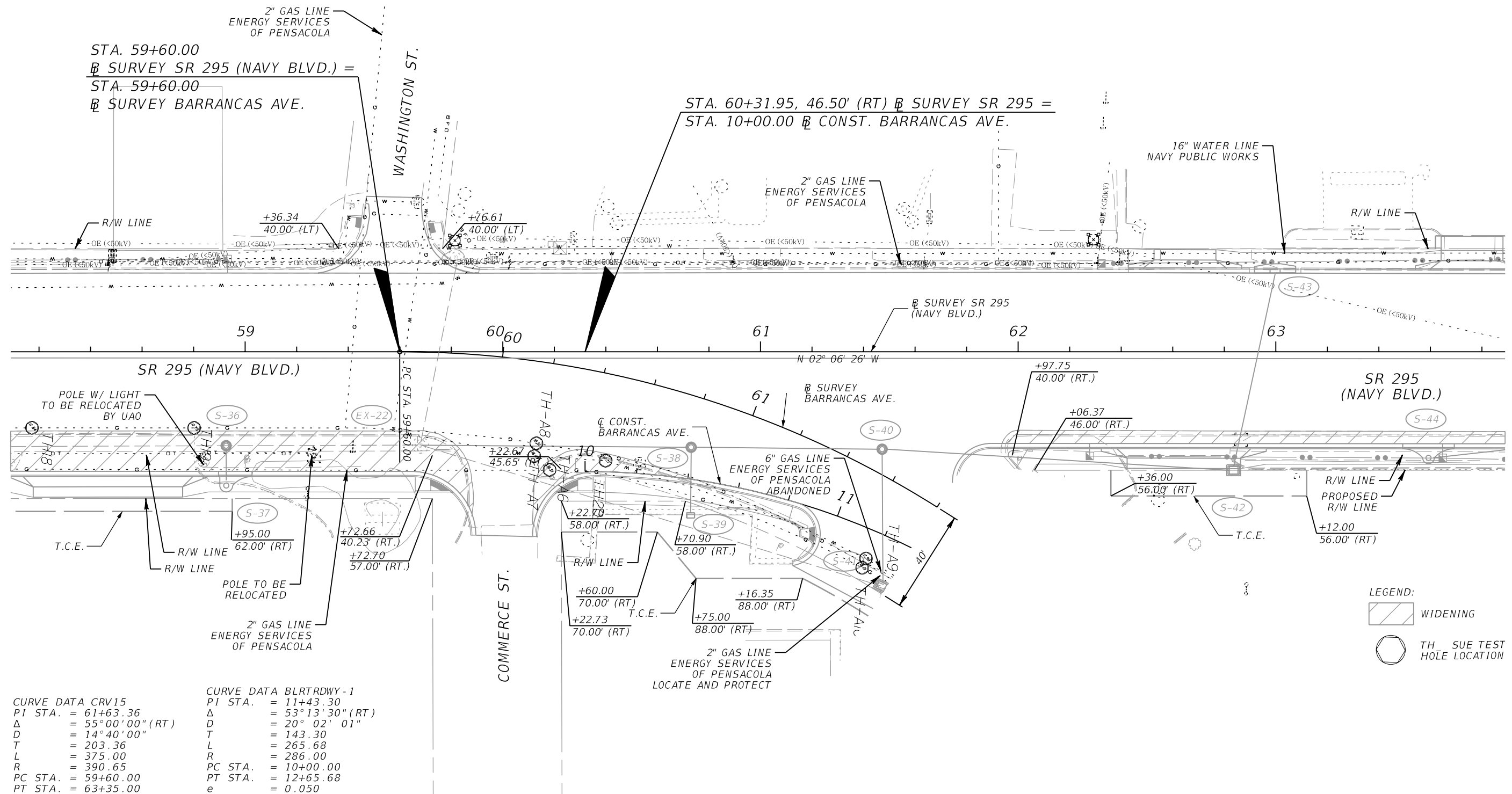
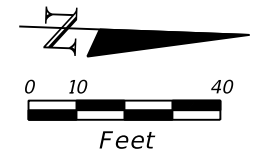
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

AWG



REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 114
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

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CURVE DATA CRV15
 PI STA. = 61+63.36
 Δ = 55°00'00" (RT)
 D = 14°40'00"
 T = 203.36
 L = 375.00
 R = 390.65
 PC STA. = 59+60.00
 PT STA. = 63+35.00

CURVE DATA BLRTRDWAY-1
 PI STA. = 11+43.30
 Δ = 53°13'30" (RT)
 D = 20°02'01"
 T = 143.30
 L = 265.68
 R = 286.00
 PC STA. = 10+00.00
 PT STA. = 12+65.68
 e = 0.050

LEGEND:
 WIDENING
 TH SUE TEST HOLE LOCATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

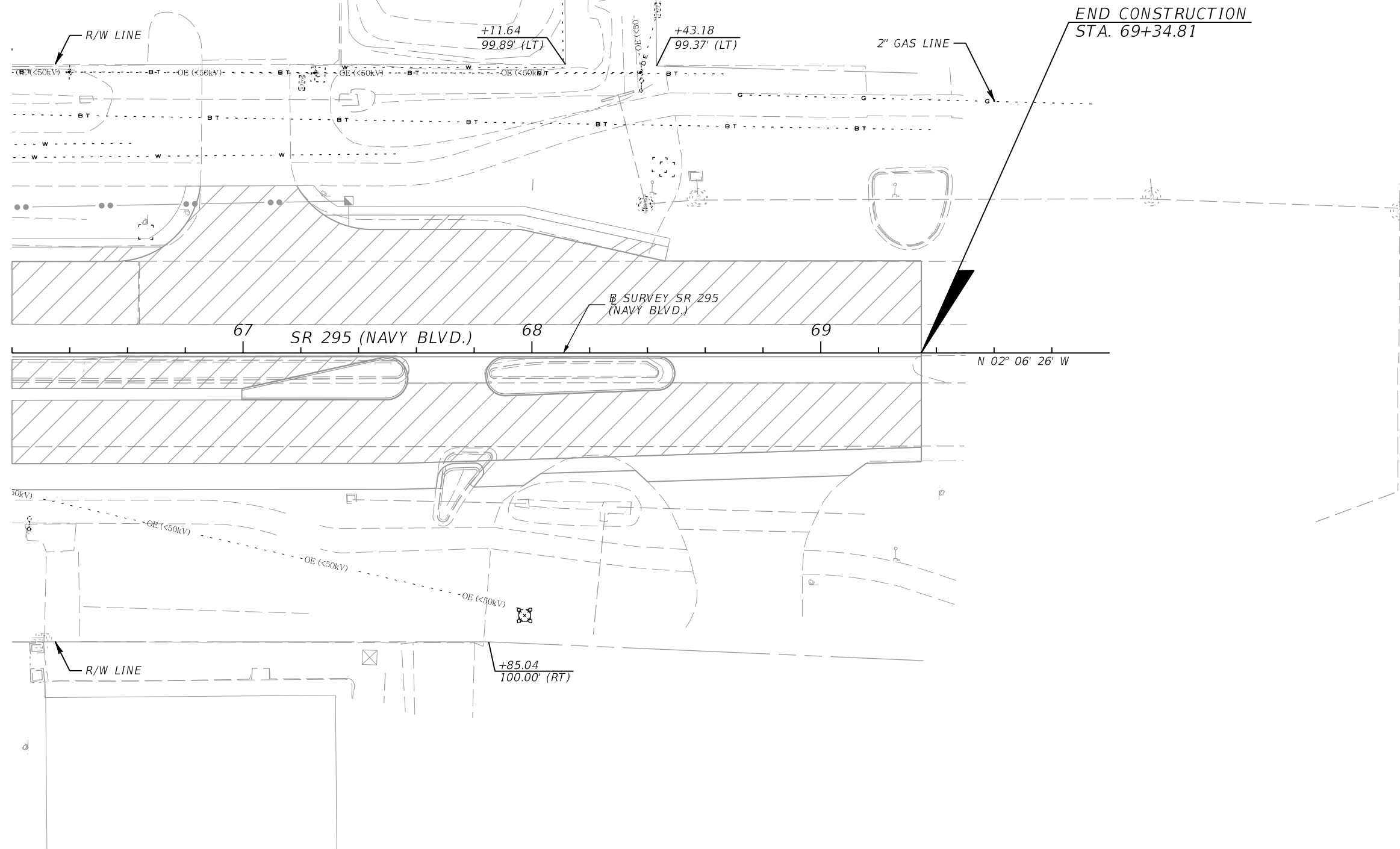
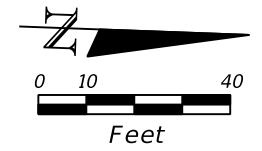
JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

**UTILITY ADJUSTMENT
SHEET**

SHEET NO.
115

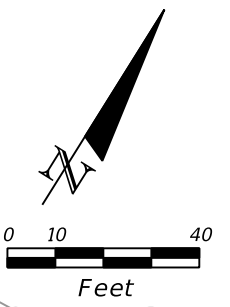
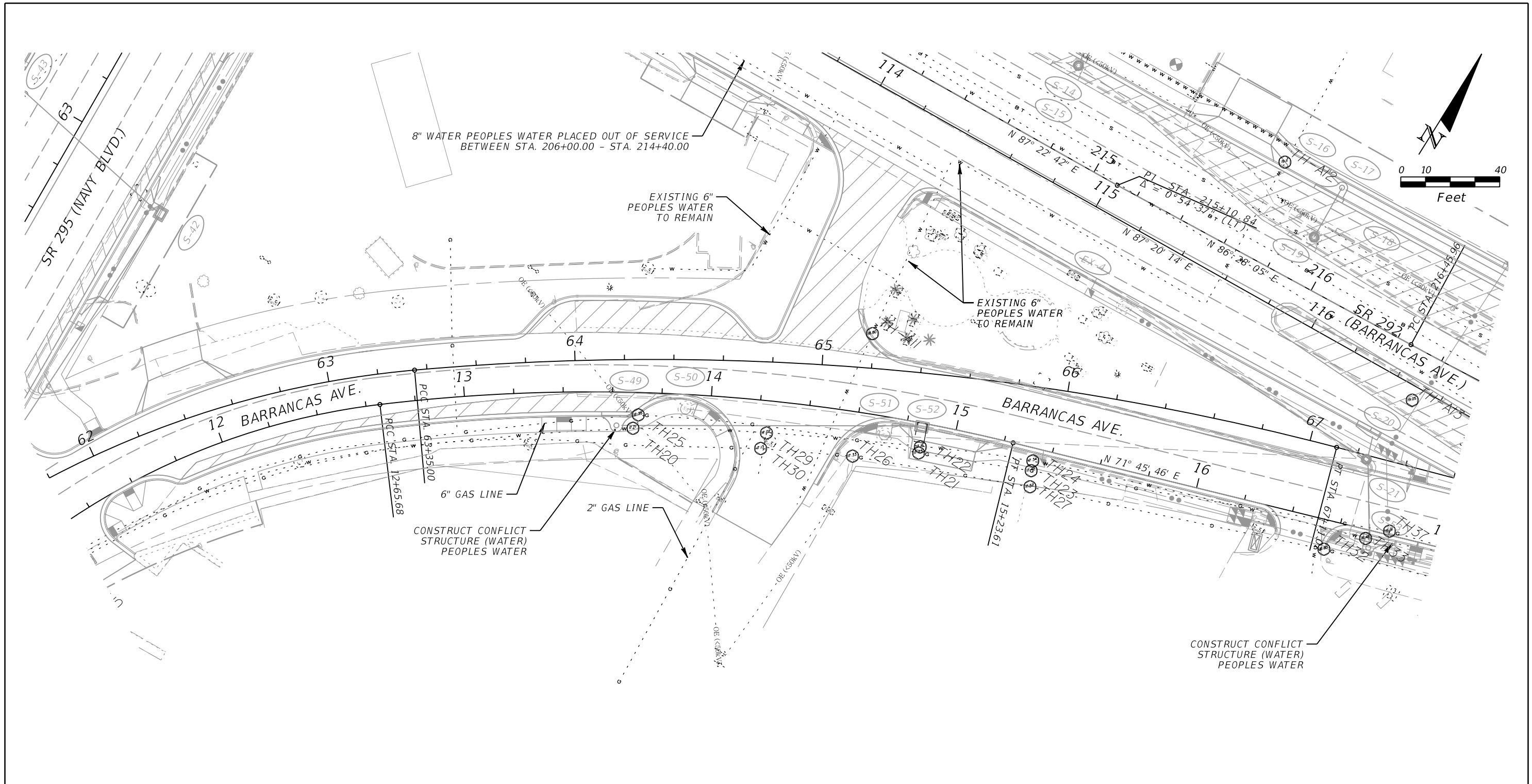
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- LEGEND:
-  WIDENING
 -  TH SUE TEST HOLE LOCATION

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		116
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

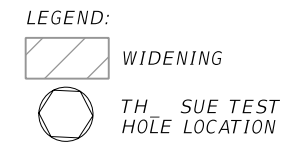


CURVE DATA CRV15
 PI STA. = 61+63.36
 Δ = 55°00'00" (RT)
 D = 14°40'00"
 T = 203.36
 L = 375.00
 R = 390.65
 PC STA. = 59+60.00
 PT STA. = 63+35.00

CURVE DATA CRV16
 PI STA. = 65+24.92
 Δ = 19°45'13" (RT)
 D = 5°15'10"
 T = 189.92
 L = 376.07
 R = 1,090.79
 PC STA. = 63+35.00
 PT STA. = 67+11.07

CURVE DATA BLRTRDWAY-1
 PI STA. = 11+43.30
 Δ = 53°13'30" (RT)
 D = 20°02'01"
 T = 143.30
 L = 265.68
 R = 286.00
 PC STA. = 10+00.00
 PT STA. = 12+65.68
 e = 0.050

CURVE DATA BLRTRDWAY-2
 PI STA. = 13+96.06
 Δ = 20°37'16" (RT)
 D = 7°59'41"
 T = 130.38
 L = 257.93
 R = 716.67
 PCC STA. = 12+65.68
 PT STA. = 15+23.61
 e = 0.050



REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 117
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

DATE OF SURVEY: JULY 2013
 SURVEY MADE BY: ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.
 SUBMITTED BY: DERWOOD C. SHEPPARD, JR., P.E.

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 MATERIALS AND RESEARCH

DISTRICT: THREE
 ROAD NO.: 292
 COUNTY: ESCAMBIA

FINANCIAL PROJECT ID : 409792-7-52-01
 PROJECT NAME: SR 292 (GULF BEACH HIGHWAY)

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 201+10.38 SURVEY ENDS STA. : 223+47.32

REFERENCE: CONSTRUCTION C

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		NO. OF TESTS	SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)			AASHTO GROUP	DESCRIPTION
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT		10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX		
1	--	--	--	--	33	100	62-86	14-52	4-21	2-10	--	--	--	A-3	BROWN, GRAY, AND WHITE FINE SAND
2	--	--	--	--	8	91-100	72-85	26-39	13-26	12-19	--	--	--	A-2-4	BROWN AND GRAY SILTY FINE SAND
3	1	3.6	1	9	1	100	81	34	20	19	--	--	--	A-2-4	DARK GRAY SILTY FINE SAND WITH ORGANICS (ORG 2.5-4.9%)

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

▽ - MEASURED GROUNDWATER

▽ - SEASONAL HIGH GROUNDWATER

GNE - GROUNDWATER NOT ENCOUNTERED

STRATUM NOTES

1. STRATA 1 AND 2 ARE "SELECT" SOILS
2. STRATUM 3 IS A "SELECT" SOIL WITH AN AVERAGE ORGANIC CONTENT GREATER THAN TWO AND ONE-HALF PERCENT, BUT NO INDIVIDUAL VALUE GREATER THAN FIVE PERCENT.
3. REUSE OF THESE STRATA SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARD INDEX 505.
4. REMOVAL OF THESE STRATA SHALL BE PERFORMED IN ACCORDANCE WITH FDOT DESIGN STANDARD INDEX 500, UNLESS OTHERWISE NOTED IN THE PLANS.

REVISIONS				DERWOOD C. SHEPPARD, JR., P.E. P.E. LICENSE NUMBER 69229 ENVIRONMENTAL & GEOTECHNICAL SPECIALIST, INC. 104 NORTH MAGNOLIA DRIVE TALLAHASSEE, FL 32301 CERTIFICATE OF AUTHORIZATION 00006222	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		118
					SR 292	ESCAMBIA	409792-7-52-01		

SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, type)	SIZE	MATERIALS	B/L and/or C/L			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
TH1	WATER MAIN	12-1/2" OD	PVC	(AL1) 562+26.83	27.83'	RT	22.1	19.9	-
TH2	UNKNOWN	2-1/2" O.D.	METALLIC	(AL1) 562+29.73	19.18'	RT	22.1	20.1	
TH3	GAS MAIN	1-1/4" O.D.	COATED STEEL	(AL1) 562+30.16	16.78'	RT	22.1	19.0	
TH4	BURIED TELEPHONE	3/4" O.D.	DBC	(AL1) 562+28.62	15.01'	RT	22.2	20.0	
TH5	GAS MAIN	2-1/2" O.D.	COATED STEEL	(AL1) 563+13.05	21.96'	RT	22.0	18.9	
TH6	WATER MAIN	12-1/2" O.D.	PVC	(AL1) 563+12.90	23.42'	RT	22.1	19.2	
TH7	UNKNOWN	2-1/2" O.D.	COATED STEEL	(AL1) 563+13.09	24.57'	RT	22.0	18.5	
TH8	UNKNOWN	1-1/2" O.D.	COATED STEEL	(AL1) 563+13.05	25.00'	RT	22.0	18.8	
TH9	UNKNOWN	10-1/2" O.D.	DUCTILE IRON	(AL1) 563+13.17	20.61'	RT	22.0	19.4	
TH10	WATER MAIN	6-1/2" O.D.	PVC	(AL1) 564+80.21	53.10'	LT	20.4	17.8	
TH11	BURIED TELEPHONE	2" O.D.	DBC	(AL1) 564+79.73	59.49'	LT	20.3	17.7	
"	BURIED TELEPHONE	2" O.D.	DBC	(AL1) 564+79.73	59.49'	LT	20.3	17.5	
"	BURIED TELEPHONE	1-1/4" O.D.	DBC	(AL1) 564+79.73	59.49'	LT	20.3	17.4	
TH12	BURIED TELEPHONE	1" O.D.	DBC	(AL1) 564+79.58	60.28'	LT	20.3	17.5	
TH13	BURIED TELEPHONE	2" O.D.	DBC	(AL1) 563+35.98	60.33'	LT	20.2	18.4	
"	BURIED TELEPHONE	2" O.D.	DBC	(AL1) 563+35.98	60.33'	LT	20.2	-	TOP ELEVATION UNDETERMINED, DIRECTLY BENEATH PREVIOUS
"	BURIED TELEPHONE	1" O.D.	DBC	(AL1) 563+35.98	60.33'	LT	20.2	18.3	
"	BURIED TELEPHONE	1" O.D.	DBC	(AL1) 563+35.98	60.33'	LT	20.2	-	TOP ELEVATION UNDETERMINED, DIRECTLY BENEATH PREVIOUS
TH14	BURIED TELEPHONE	4-1/2" O.D.	PVC	(AL1) 562+87.93	22.57'	RT	22.3	19.3	
"	BURIED TELEPHONE	4-1/2" O.D.	PVC	(AL1) 562+87.93	22.57'	RT	22.3	18.0	
TH15	WATER MAIN	6-1/2" O.D.	PVC	(AL2) 54+79.41	39.53'	RT	16.5	13.4	
"	UNKNOWN	4" O.D.	AC/TRANSITE	(AL2) 54+79.41	39.53'	RT	16.5	13.7	
TH16	GAS MAIN	6-1/2" O.D.	COATED STEEL	(AL2) 54+81.12	30.49'	RT	16.0	13.6	
TH17	GAS MAIN	6-1/2" O.D.	COATED STEEL	(AL2) 57+18.38	30.07'	RT	17.1	14.2	
TH18	GAS MAIN	6-1/2" O.D.	COATED STEEL	(AL2) 58+17.27	29.54'	RT	17.5	15.7	
TH19	GAS MAIN	6-1/2" O.D.	COATED STEEL	(AL2) 58+80.21	29.57'	RT	17.8	15.9	
TH20	WATER MAIN	6-1/2" O.D.	METALLIC	(AL3) 64+23.21	27.79'	RT	17.7	15.5	
TH21	GAS MAIN	6-1/2" O.D.	COATED STEEL	(AL3) 65+42.43	32.39'	RT	17.2	15.0	
TH22	WATER MAIN	8-1/2" O.D.	METALLIC	(AL3) 65+42.89	29.89'	RT	17.2	15.0	
TH23	GAS MAIN	6-1/2" O.D.	COATED STEEL	(AL3) 65+89.93	33.91'	RT	17.4	15.0	
TH24	WATER MAIN	8-1/2" O.D.	METALLIC	(AL3) 65+90.00	29.90'	RT	17.3	15.1	
TH25	GAS MAIN	6-1/2" O.D.	METALLIC	(AL3) 64+25.49	22.40'	RT	17.4	15.1	
TH26	GAS MAIN	2-1/2" O.D.	HDPE	(AL3) 65+15.07	36.03'	RT	17.3	13.9	
TH27	GAS MAIN	2-1/2" O.D.	HDPE	(AL3) 65+90.42	40.42'	RT	17.5	14.7	
TH28	BURIED TELEPHONE	6-1/2" O.D.	HDPE	(AL3) 73+41.48	37.68'	LT	16.0	13.9	
TH29	WATER MAIN	8-1/2" O.D.	METALLIC	(AL3) 64+78.70	28.77'	RT	17.0	14.6	
TH30	GAS MAIN	2-1/2" O.D.	HDPE	(AL3) 64+76.52	35.10'	RT	17.1	12.9	
TH31	WATER MAIN	12-1/2" O.D.	PVC	(AL1) 565+06.86	26.45'	RT	21.0	17.6	
TH32	GAS MAIN	2-1/2" O.D.	HDPE	(AL3) 67+16.49	41.15'	RT	16.8	13.5	
TH33	WATER MAIN	8-1/2" O.D.	METALLIC	(AL3) 67+31.71	32.67'	RT	16.5	13.9	
TH34	BURIED TELEPHONE	(12) 4-1/2" O.D.	PVC	(AL2) 65+16.29	82.04'	LT	19.2	14.3	DUCT BANK OF 12 PIPES ARRANGED IN 4 x 3 RECTANGLE
TH35	WATER MAIN	12-1/2" O.D.	PVC	(AL1) 566+46.49	18.22'	RT	20.1	17.0	
TH36	WATER MAIN	12-1/2" O.D.	PVC	(AL1) 566+36.66	26.82'	RT	19.9	17.6	
TH37	GAS MAIN	8-1/2" O.D.	METALLIC	(AL3) 67+40.31	27.37'	RT	16.9	14.3	
TH38	WATER MAIN	18" O.D.	DUCTILE IRON	(AL2) 63+93.32	38.34'	LT	18.9	14.3	
TH39	GAS MAIN	1" O.D.	METALLIC	(AL1) 117+24.74	30.07'	LT	19.0	14.9	
MA1	PROPOSED AREA CLEAR	N/A	N/A	(AL1) 567+23.52	55.43'	RT	19.2	N/A	
MA2	PROPOSED AREA CLEAR	N/A	N/A	(AL3) 67+69.77	37.31'	RT	17.1	N/A	
MA3	PROPOSED AREA CLEAR	N/A	N/A	(AL2) 57+04.59	60.02'	RT	17.6	N/A	
MA4	PROPOSED AREA CLEAR	N/A	N/A	(AL2) 56+74.47	48.30'	LT	16.9	N/A	
MA5	PROPOSED AREA CLEAR	N/A	N/A	(AL2) 65+48.11	57.06'	RT	18.4	N/A	
MA6	PROPOSED AREA CLEAR	N/A	N/A	(AL2) 65+39.90	78.30'	LT	18.7	N/A	
MA8	PROPOSED AREA CLEAR	N/A	N/A	(AL2) 64+30.77	63.22'	RT	19.6	N/A	

LEGEND: AL1 = S.R. 292/GULF BEACH HIGHWAY AL3 = S.R. 292/BARRANCAS AVENUE HDPE = HIGH DENSITY POLYETHYLENE O.D. = OUTSIDE DIAMETER TH = TEST HOLE
 AL2 = S.R. 295/NAVY BOULEVARD DBC = DIRECT BURIED CABLE N/A = NOT APPLICABLE PVC = POLYVINYL CHLORIDE MA = MAST ARM

REVISIONS				SOUTHEASTERN SURVEYING AND MAPPING CORPORATION, L.B. NO. 2108 THOMAS K. MEAD, P.S.M. NO. 5624 1130 HIGHWAY 90 CHIPLEY, FLORIDA 32428 PHONE (850) 638-0790	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF VERIFIED UTILITIES	SHEET NO. UTV-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 54J7, F.A.C.

SUMMARY OF VERIFIED UTILITIES

V _{vh} #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	⌀ and/or Ⓞ			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
TH-A1	AT&T, COM	1-1/2"	DIRECT BURIED CABLE	567+11.90	82.78'	LT	18.592'	15.892'	UTILITY NOT MARKED BY OWNER
TH-A2	POSSIBLE AT&T, BURIED TELEPHONE	1"	DIRECT BURIED CABLE	567+09.45	82.22'	LT	18.528'	16.028'	UTILITY NOT MARKED BY OWNER
TH-A3	PEOPLE'S WATER, WATER MAIN	14"	TRANSITE	567+05.85	82.53'	LT	18.366'	15.366'	NOT MARKED BY OWNER. ABANDONED PEOPLE'S WATER
TH-A4	NAVY WATER, WATER MAIN	16-1/2"	METALLIC	567+10.42	82.50'	LT	18.550'	13.750'	UTILITY NOT MARKED BY OWNER
TH-A5	AT&T, COM	12 @ 4-1/2"	PVC/DUCT	566+93.70	80.60'	LT	17.812'	12.512'	UTILITY NOT MARKED BY OWNER
TH-A6	PENSACOLA ENERGY, GAS	2-1/2"	HDPE	111+68.93	453.33'	RT	18.510'	14.610'	
TH-A7	PEOPLE'S WATER, WATER MAIN	8-1/2"	METALLIC	111+63.53	459.24'	RT	18.494'	17.044'	
TH-A8	PENSACOLA ENERGY, GAS	7"	COATED STEEL	111+58.55	458.34'	RT	18.509'	15.509'	ALSO FOUND 2-1/2" METALLIC UNK 1.50' EAST
TH-A8	UNKNOWN OWNER, UNKNOWN TYPE	2-1/2"	METALLIC	111+58.55	458.34'	RT	18.509'	15.759'	UNKNOWN UTILITY FOUND AT TH-A8
TH-A9	PEOPLE'S WATER, WATER MAIN	8-1/2"	METALLIC	112+04.55	330.88'	RT	17.994'	15.294'	ALSO FOUND 1-1/2" PVC UNKNOWN 1.00' NW
TH-A9	UNKNOWN OWNER, UNKNOWN TYPE	1-1/2"	PVC	112+04.55	330.88'	RT	17.994'	14.694'	UNKNOWN UTILITY FOUND AT TH-A9
TH-A10	PENSACOLA ENERGY, GAS	2-1/2"	HDPE	112+08.13	332.38'	RT	18.006'	13.756'	ALSO FOUND 2-1/2" COATED STEEL GM 1.75' NW
TH-A10	PENSACOLA ENERGY, GAS	7"	COATED STEEL	112+08.13	332.38'	RT	18.006'	16.106'	PENSACOLA ENERGY GM TO BE ABANDONED
TH-A11	PEOPLE'S WATER, WATER MAIN	8-1/2"	METALLIC	114+46.35	89.06'	RT	18.802'	12.802'	GPR SCAN ON SAME LINE IN HIGHWAY WM IS AT 5.50'
TH-A12	PEOPLE'S WATER, WATER MAIN	8-1/2"	METALLIC	115+57.73	53.17'	LT	19.114'	16.014'	
TH-A13	UNKNOWN OWNER, UNKNOWN TYPE	4-1/2"	METALLIC	116+49.81	5.47'	RT	19.053'	15.473'	
TH-A14	NAVY WATER, WATER MAIN	N/A	N/A	117+35.61	3.12'	RT	18.235'	11.235'	DEPTH IS BY GPR SCAN ONLY AND IS APPROXIMATE TEST HOLE IS IN TRAVEL LANE
TH-A15	UNKNOWN OWNER, BURIED TELEPHONE	1"	DIRECT BURIED CABLE	566+79.91	89.97'	LT	19.656'	15.556'	
TH-A16	UNKNOWN OWNER, BURIED TELEPHONE	6-1/2"	PVC	562+26.87	31.34'	RT	22.219'	18.919'	

LEGEND:
 AL1 = S.R. 292/GULF BEACH HIGHWAY AL3 = S.R. 292/BARRANCAS AVENUE HDPE = HIGH DENSITY POLYETHYLENE O.D. = OUTSIDE DIAMETER TH = TEST HOLE
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REVISIONS				SOUTHEASTERN SURVEYING AND MAPPING CORPORATION, L.B. NO. 2108 THOMAS K. MEAD, P.S.M. NO. 5624 1130 HIGHWAY 90 CHIPLEY, FLORIDA 32428 PHONE (850) 638-0790	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF VERIFIED UTILITIES	SHEET NO. UTV-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

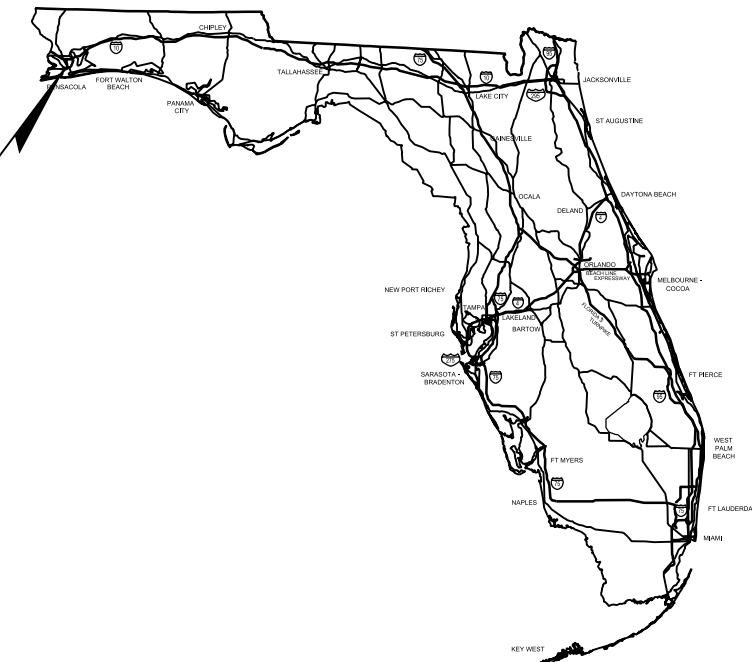
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 5J17, F.A.C.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 409792-7-52-01
FEDERAL FUNDS
ESCAMBIA COUNTY (48050)
STATE ROAD NO. 292

PROJECT LOCATION



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	SIGNING AND PAVEMENT MARKING NOTES
S-4 - S-12	SIGNING AND PAVEMENT MARKING PLANS

SIGNING & PAVEMENT MARKING SHOP DRAWINGS TO BE SUBMITTED TO:

JESSICA BLOOMFIELD, P.E.
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405

PLANS PREPARED BY:

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
PHONE: (850) 872-8044
FAX: (850) 872-8704
CONTRACT NO. C-9282
VENDOR NO. F-59-1685550
CERTIFICATE OF AUTHORIZATION NO. EB-0002294

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

PHASE IV SUBMITTAL
OCTOBER 2, 2013
LETTING 5/27/15

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: JESSICA BLOOMFIELD, P.E.

P.E. NO.: 66427

FISCAL YEAR	SHEET NO.
15	S-1

FDOT PROJECT MANAGER: JOHN GLENN, P.E.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			S-4		S-5		S-6		S-7		S-8		S-9		S-10		S-11		S-12		PLAN	FINAL	PLAN	FINAL			
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL							
700-1-11	SINGLE POST SIGN INSTALL, UP TO 12 SF	AS	1		4		2		2					3		1		6				19					
700-1-12	SINGLE POST SIGN INSTALL, 12-20 SF	AS											1									1					
700-1-50	SINGLE POST SIGN, RELOCATE	AS			9		6		7		1		2		2			1				28					
700-1-60	SINGLE POST SIGN, REMOVE	AS	2		2		1		1				1									7					
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA					1										1					2					
700-4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA										1										1					
700-12-22	SIGN BEACON, F&I GROUND MOUNT-SOLAR POWERED, TWO BEACONS	AS																				2					
*	RPM (BI-DIRECTIONAL WHITE/RED)	EA	5		39		86		75		18		41		80		27		21			392		392			
*	RPM (BI-DIRECTIONAL YELLOW)	EA	10		68		28		40		28		28		96				2			300		300			
*	PAINTED PAVMT MARKINGS, STD, WHITE, SOLID, 6"	NM	0.114		0.245		0.468		0.353		0.110		0.204		0.337		0.164		0.160			2.155		2.155			
*	PAINTED PAVMT MARKINGS, STD, WHITE, SOLID, 8"	LF													126				1			127		127			
*	PAINTED PAVMT MARKINGS, STD, WHITE, SOLID, 12"	LF			440		686		105		117		451						159			1958		1958			
*	PAINTED PAVMT MARKINGS, STD, WHITE, SOLID, 18"	LF													65							65		65			
*	PAINTED PAVMT MARKINGS, STD, WHITE, SOLID, 24"	LF			49		189		57		17		112		26				50			500		500			
*	PAINTED PAVMT MARKINGS, STD, WHITE, SKIP, 6"	GM			0.107		0.117		0.215		0.154		0.144		0.320		0.160					1.217		1.217			
*	PAINTED PAVMT MARKINGS, STD, WHITE, DOTTED/GUIDLINE/6-10 GAP EXT., 6"																										
	GUIDELINE (2-4)	LF			28		116		156		10		74		25							409		409			
*	PAINTED PAVMT MARKINGS, STD, WHITE, MESSAGE	EA			4		3		4				2		3				1			17		17			
*	PAINTED PAVMT MARKINGS, STD, WHITE, ARROWS	EA	2		10		22		14		4		7		14		2		1			76		76			
*	PAINTED PAVMT MARKINGS, STD, YELLOW, SOLID, 6"	NM	0.068		0.301		0.204		0.265		0.121		0.133		0.287		0.069		0.097			1.546		1.546			
*	PAINTED PAVMT MARKINGS, STD, YELLOW, SOLID, 18"	LF			86		8		29				41		145							309		309			
*	PAINTED PAVMT MARKINGS, STD, YELLOW, SKIP, 6"	GM									0.076		0.046		0.061		0.030					0.212		0.212			
*	PAINTED PAVMT MARKINGS, STD, BLUE, SOLID, 6"	LF																	40			40		40			
711-11-122	THERMOPLASTIC, STD, WHITE, SOLID, 8"	LF													126				1			127		127			
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF			440		686		105		117		451						159			1958		1958			
711-11-124	THERMOPLASTIC, STD, WHITE, SOLID, 18"	LF													65							65		65			
711-11-125	THERMOPLASTIC STD, WHITE, SOLID, 24"	LF			49		189		57		17		112		26				50			500		500			
711-11-151	THERMOPLASTIC, STD, WHITE, DOTTED/GUIDLINE/6-10 GAP EXT., 6"																										
	GUIDELINE (2-4)	LF			28		116		156		10		74		25							409		409			
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	EA			4		3		4				2		3				1			17		17			
711-11-170	THERMOPLASTIC, STD, WHITE, ARROWS	EA	2		10		22		14		4		7		14		2		1			76		76			
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF			86		8		29				41		145							309		309			
711-11-421	THERMOPLASTIC, STD, BLUE, SOLID, 6"	LF																	40			40		40			
711-15-111	THERMOPLASTIC, STD.-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 6"	NM	0.114		0.245		0.468		0.353		0.110		0.204		0.337		0.164		0.160			2.155		2.155			
711-15-131	THERMOPLASTIC, STD.-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6", 10-30 SKIP	GM			0.107		0.117		0.215		0.154		0.144		0.320		0.160					1.217		1.217			
711-15-211	THERMOPLASTIC, STD.-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM	0.068		0.301		0.204		0.265		0.121		0.133		0.287		0.069		0.097			1.546		1.546			
711-15-231	THERMOPLASTIC, STD.-OPEN GRADED ASPHALT SURFACES, YELLOW, SKIP, 6"	GM									0.076		0.046		0.061		0.030					0.212		0.212			

* THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION WITH THE SECOND APPLICATION BEING THERMOPLASTIC TO BE PLACED THIRTY DAYS LATER AND PAID FOR WITH THERMOPLASTIC PAY ITEMS

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">TABULATION OF QUANTITIES</h2>				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					ROAD NO.	COUNTY	FINANCIAL PROJECT ID					S-2
								SR 292	ESCAMBIA	409792-7-52-01					

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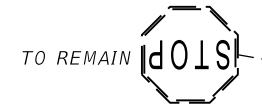
SIGNING AND PAVEMENT MARKING NOTES

1. SIGNING AND PAVEMENT MARKINGS ARE TO BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE AMERICANS WITH DISABILITIES ACT, THE DESIGN STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE PLANS.
2. ALL EXISTING F.D.O.T. SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, STOCKPILED AND RELOCATED BY THE CONTRACTOR. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER.
3. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PROJECT ENGINEER, SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
4. ALL REMOVED SIGNS AND THEIR SUPPORTS BECOME PROPERTY OF THE CONTRACTOR TO BE DISPOSED OF PROPERLY UNLESS OTHERWISE NOTED IN THE PLANS.
5. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS.
6. PAVEMENT MESSAGES AND ARROWS SHALL BE PLACED IN ONE SEGMENT.
7. THE LANE WIDTH DIMENSIONS SHOWN IN THE SIGNING AND PAVEMENT MARKING PLANS REFLECT THE NOMINAL LANE WIDTHS, NOT THE DISTANCE BETWEEN THE STRIPES. SEE INDEX 17346 FOR PLACEMENT OF LANE LINES.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-3
					SR 292	ESCAMBIA	409792-7-52-01		

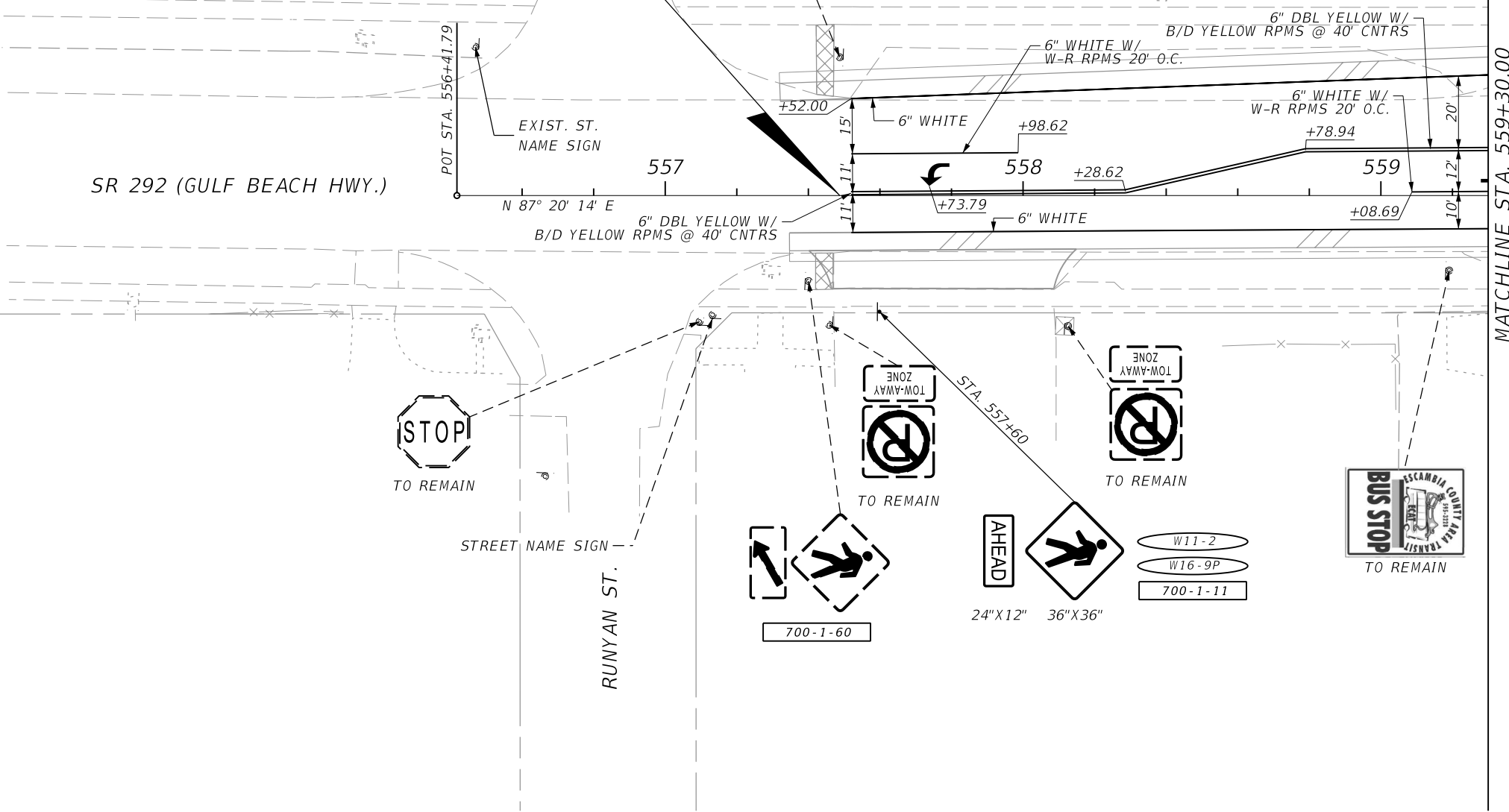


BEGIN SIGNING AND
PAVEMENT MARKINGS
STA. 557+48.76 @ SURVEY
(STA. 201+07.66 @ CONST.)



RUNYAN ST.

700-1-60



MATCHLINE STA. 559+30.00

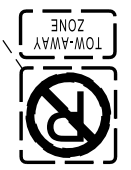


STREET NAME SIGN

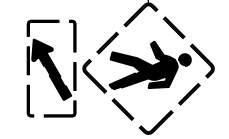
RUNYAN ST.



TO REMAIN



TO REMAIN



700-1-60

AHEAD

24"X12" 36"X36"

W11-2
W16-9P
700-1-11

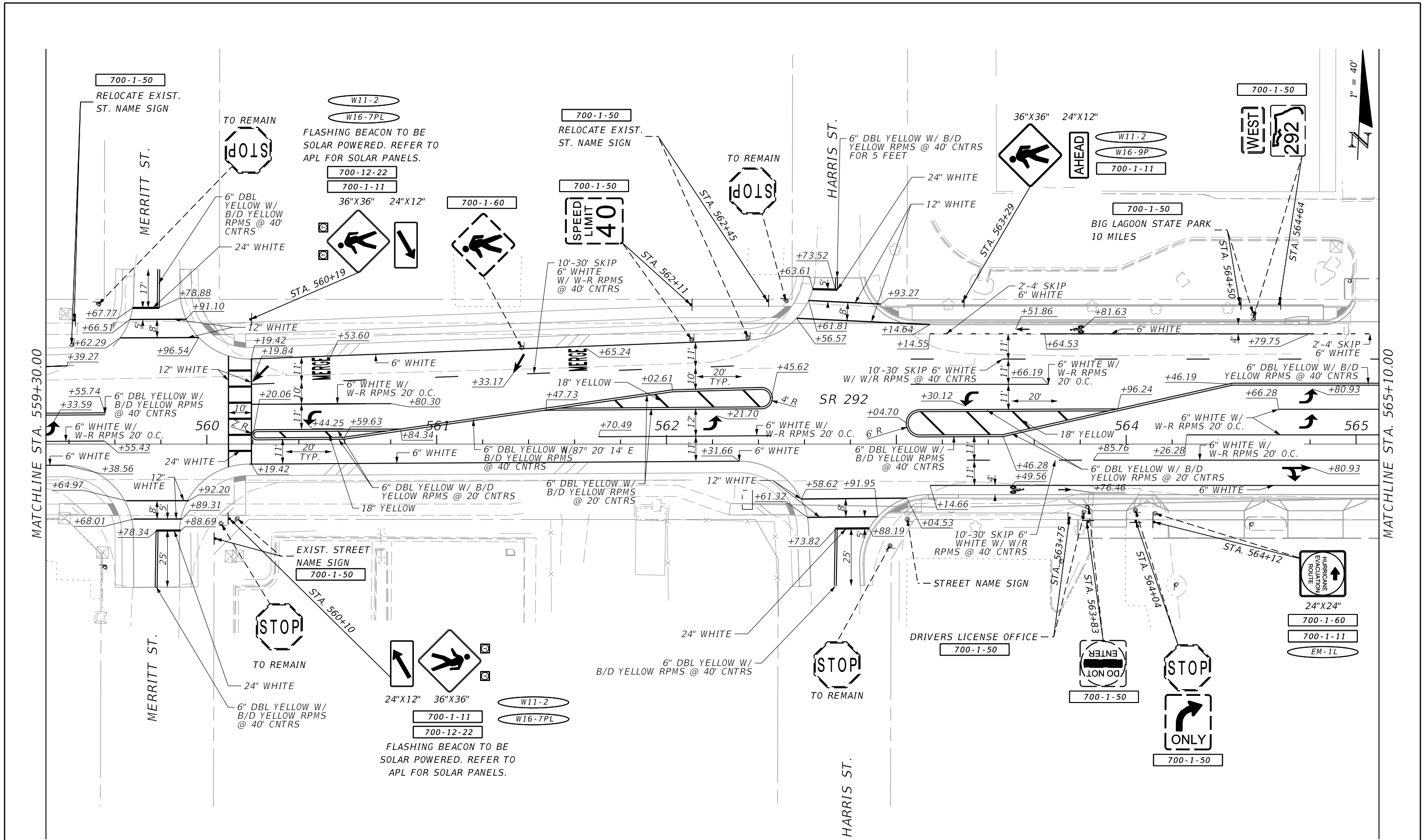


TO REMAIN

SR 292 (GULF BEACH HWY)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO. S-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-28.008, F.A.C.



SR 292 (GULF BEACH HWY)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JESSICA BLOOMFIELD, P.E.
 P.E. LICENSE NUMBER 66427
 METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 292	ESCAMBIA	409792-7-52-01

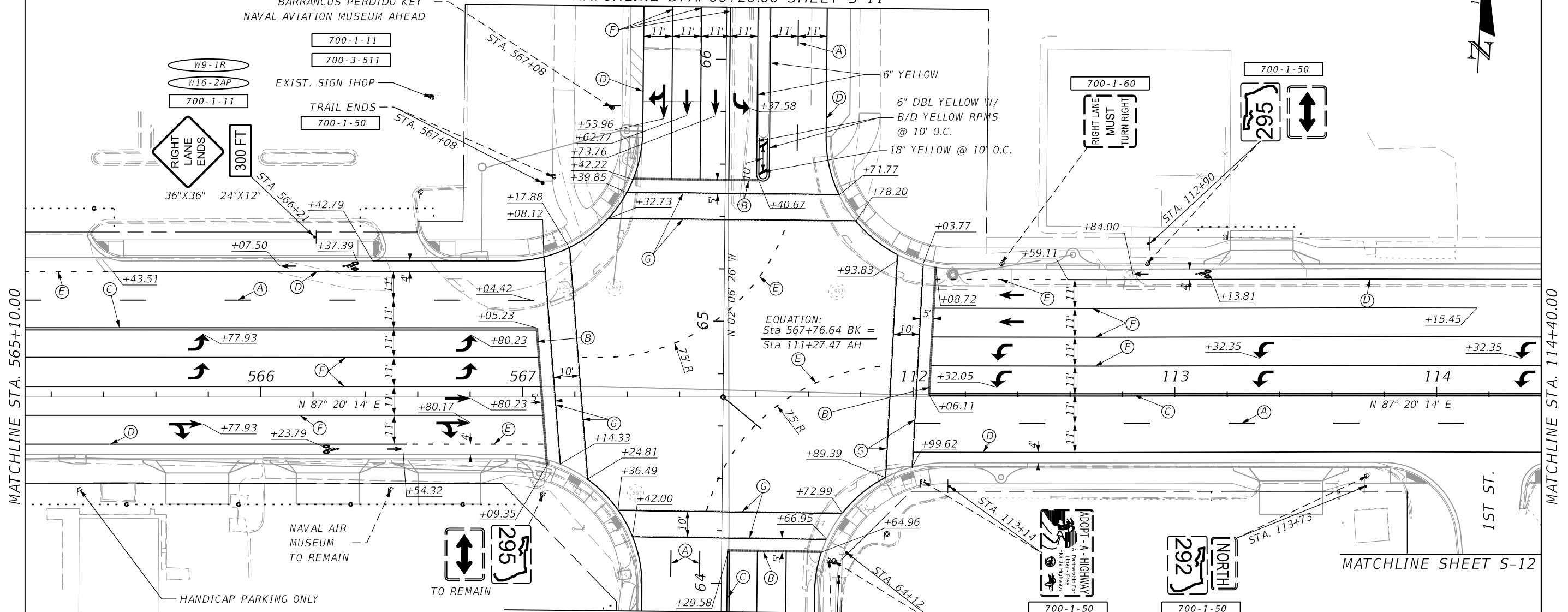
**SIGNING & PAVEMENT
MARKING PLANS**

SHEET NO.
S-5

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-28.008, F.A.C.

GULF ISLANDS NATIONAL SEASHORE AHEAD FORT
BARRANCUS PERDIDO KEY
NAVAL AVIATION MUSEUM AHEAD

MATCHLINE STA. 66+20.00 SHEET S-11



MATCHLINE STA. 565+10.00

MATCHLINE STA. 114+40.00

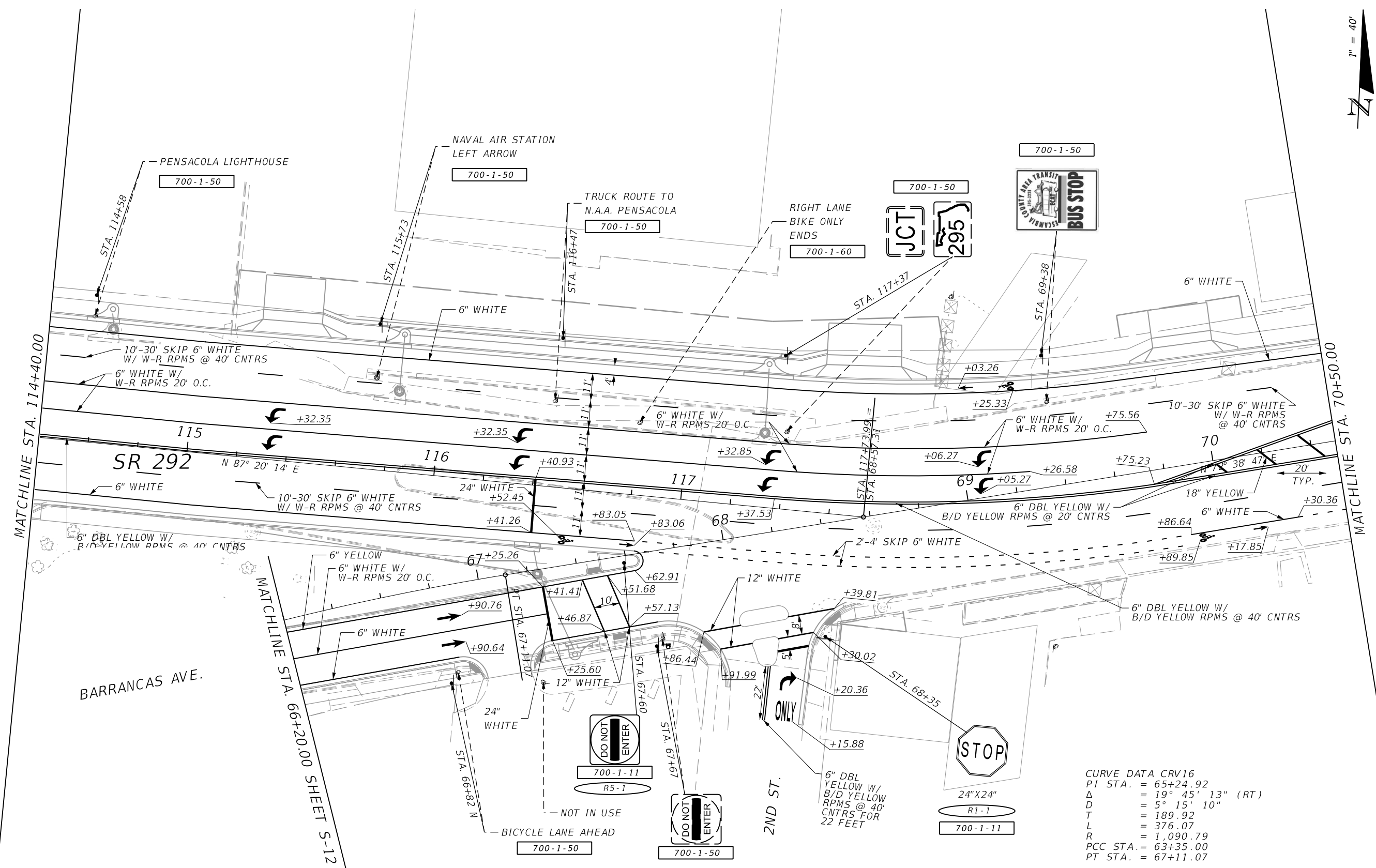
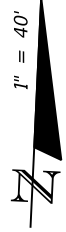
MATCHLINE STA. 63+89.00 SHEET S-10

- (A) 10'-30' SKIP 6" WHITE W/ W-R RPMS @ 40' CNTRS
- (B) 24" WHITE
- (C) 6" DBL YELLOW W/ B/D YELLOW RPMS @ 40' CNTRS
- (D) 6" WHITE
- (E) 2'-4' SKIP 6" WHITE
- (F) 6" WHITE W/ W-R RPMS 20' O.C.
- (G) 12" WHITE

SR 292 (GULF BEACH HWY) AT SR 295 (NAVY BLVD.)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. S-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 292	ESCAMBIA	409792-7-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-28.008, F.A.C.

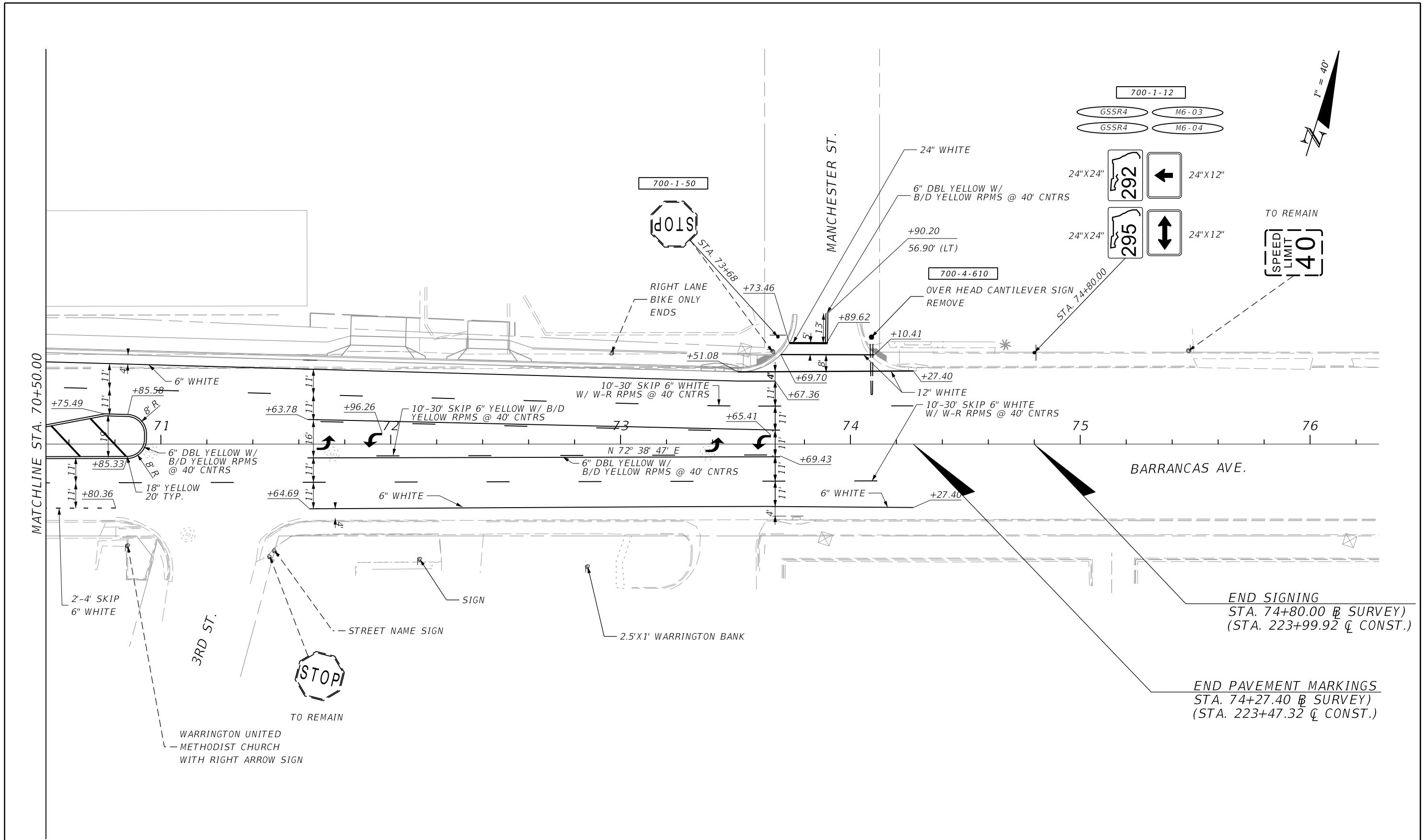


CURVE DATA CRV16
 PI STA. = 65+24.92
 Δ = 19° 45' 13" (RT)
 D = 5° 15' 10"
 T = 189.92
 L = 376.07
 R = 1,090.79
 PCC STA. = 63+35.00
 PT STA. = 67+11.07

SR 292 (GULF BEACH HWY AT 2ND ST.)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO. S-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

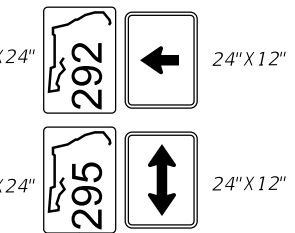
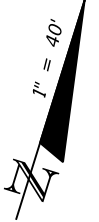


700-1-12
 GSSR4 M6-03
 GSSR4 M6-04

700-1-50

700-4-610

TO REMAIN
 SPEED LIMIT 40



END SIGNING
 STA. 74+80.00 B SURVEY)
 (STA. 223+99.92 Q CONST.)

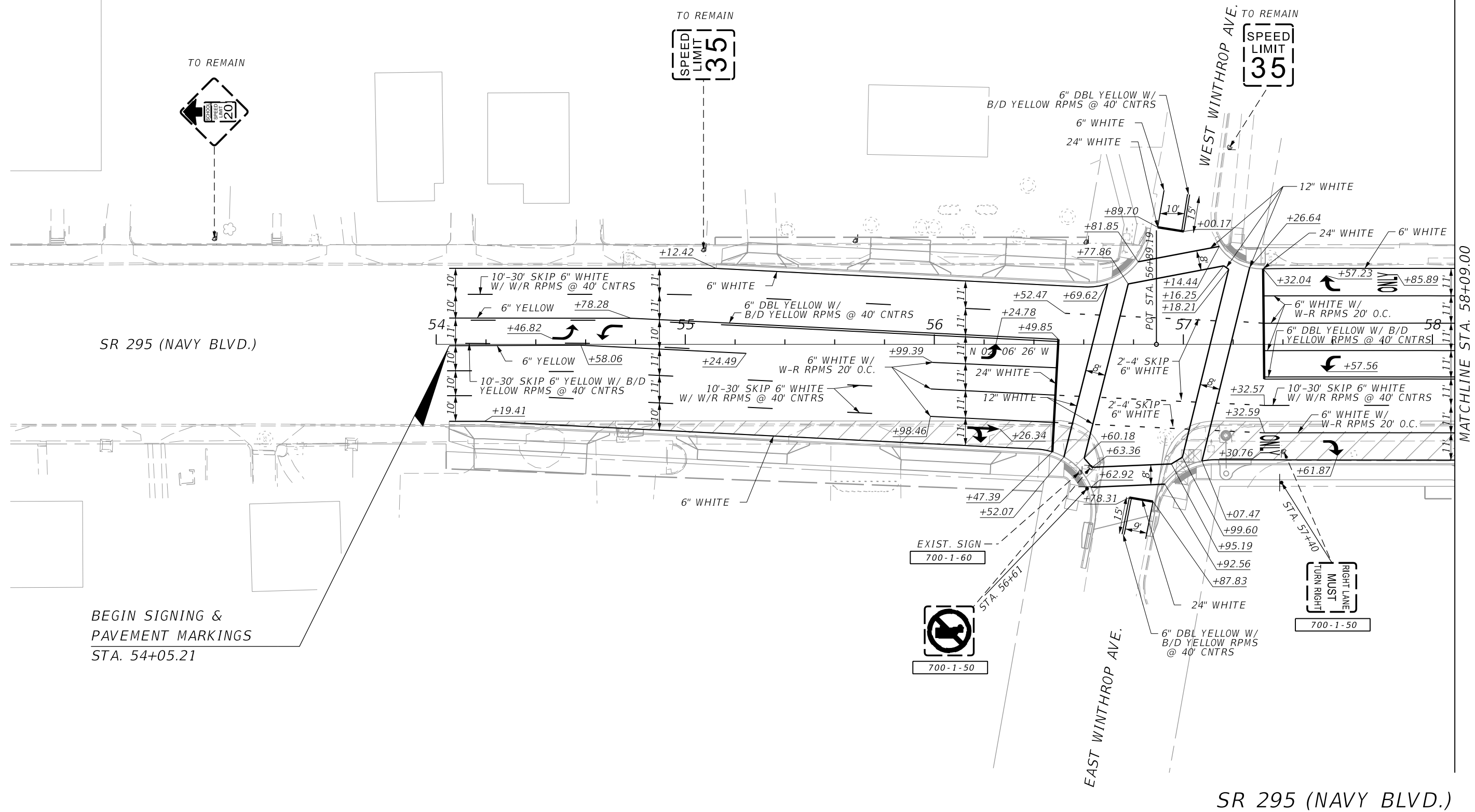
END PAVEMENT MARKINGS
 STA. 74+27.40 B SURVEY)
 (STA. 223+47.32 Q CONST.)

SR 292 (BARRANCAS AVE.)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 292	ESCAMBIA		409792-7-52-01

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

1" = 40'

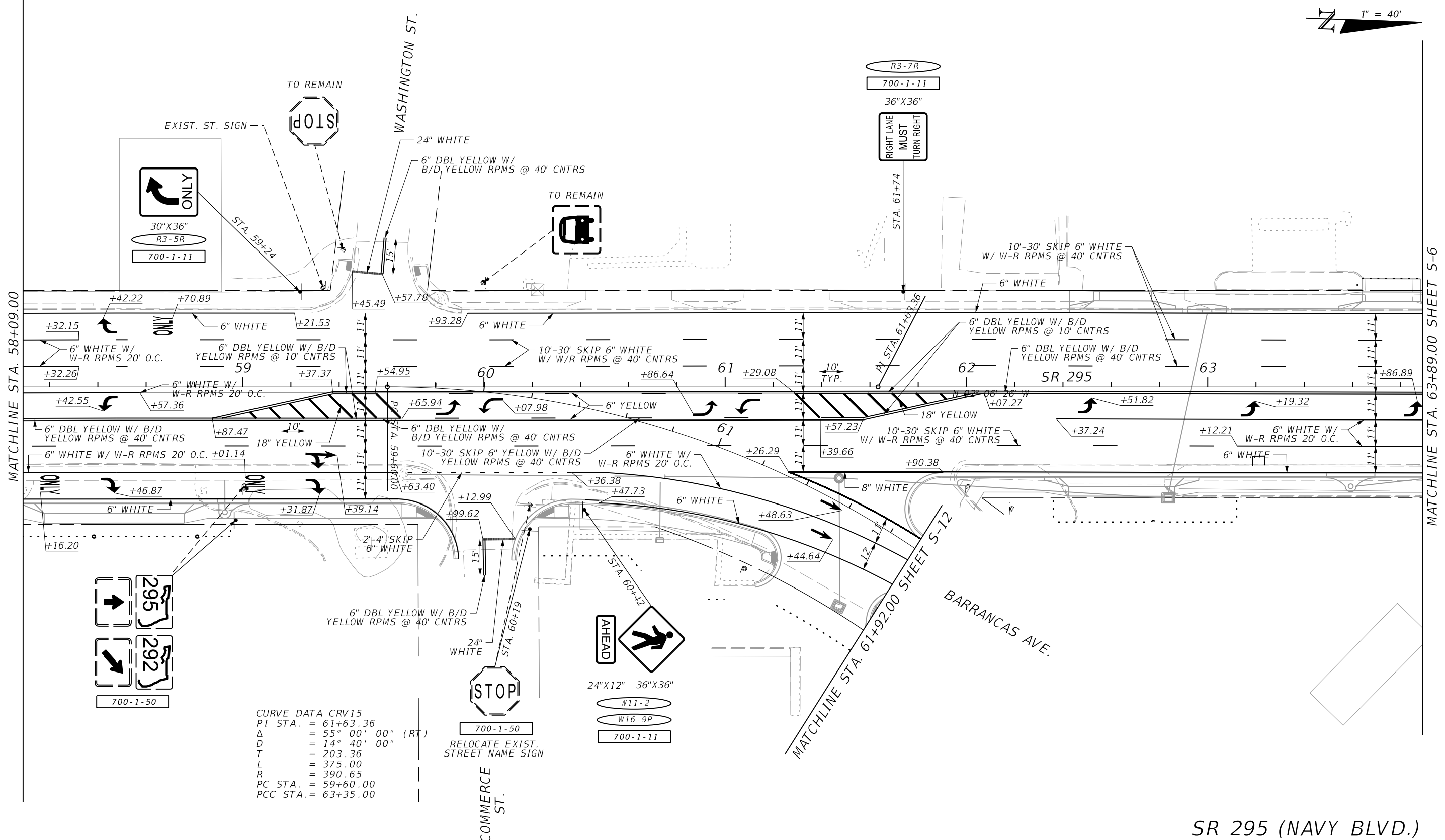
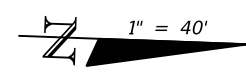


BEGIN SIGNING & PAVEMENT MARKINGS
STA. 54+05.21

MATCHLINE STA. 58+09.00

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		S-9

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

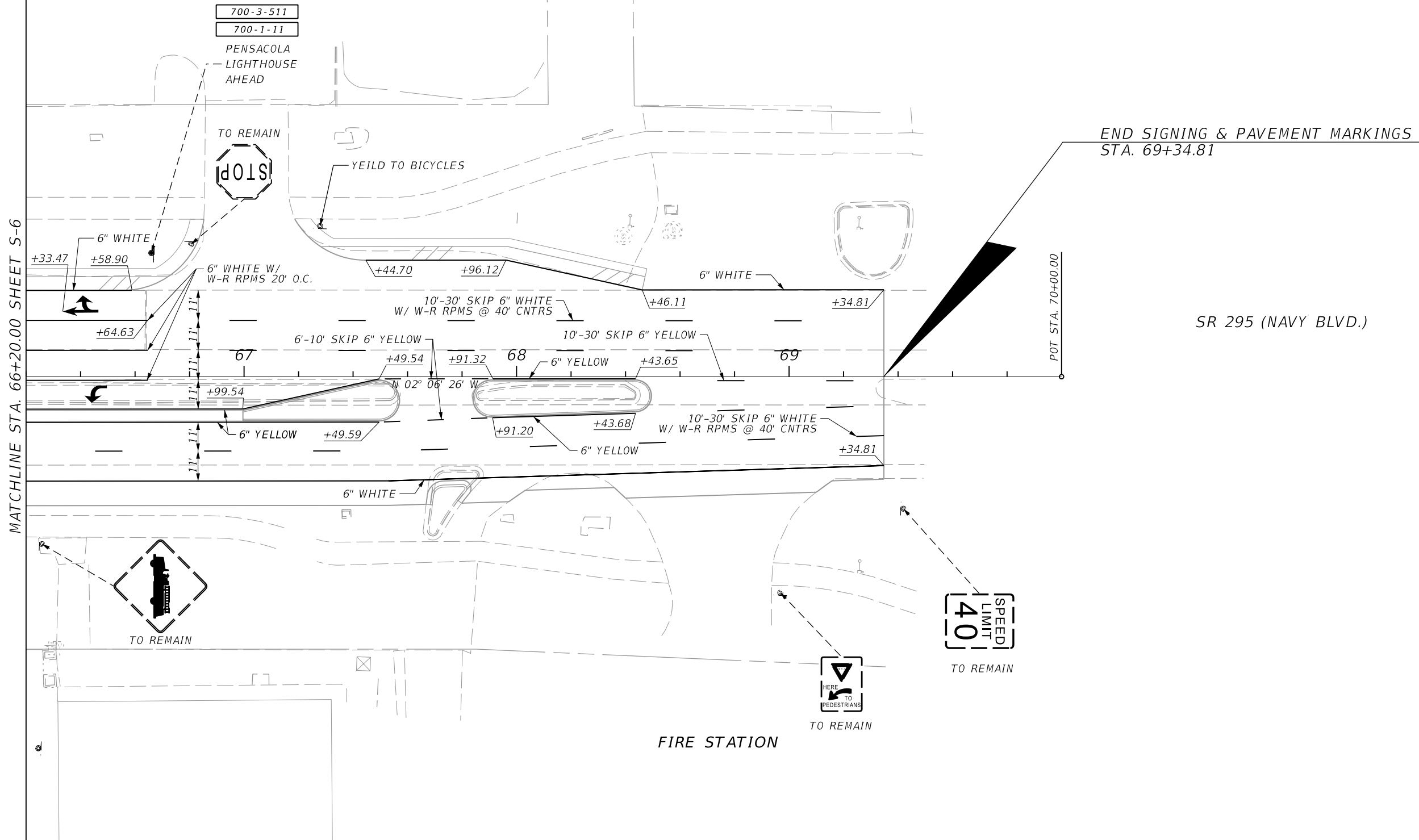


CURVE DATA CRV15
 P1 STA. = 61+63.36
 Δ = 55° 00' 00" (RT)
 D = 14° 40' 00"
 T = 203.36
 L = 375.00
 R = 390.65
 PC STA. = 59+60.00
 PCC STA. = 63+35.00

SR 295 (NAVY BLVD.)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		S-10

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MATCHLINE STA. 66+20.00 SHEET S-6

END SIGNING & PAVEMENT MARKINGS
STA. 69+34.81

SR 295 (NAVY BLVD.)

POT STA. 70+00.00

700-3-511
700-1-11

PENSACOLA
LIGHTHOUSE
AHEAD



YEILD TO BICYCLES

6" WHITE

6" WHITE W/
W-R RPMS 20' O.C.

10'-30' SKIP 6" WHITE
W/ W-R RPMS @ 40' CNTRS

6" WHITE

6'-10' SKIP 6" YELLOW

10'-30' SKIP 6" YELLOW

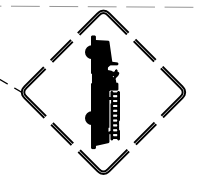
6" YELLOW

6" YELLOW

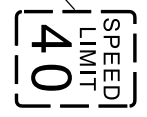
10'-30' SKIP 6" WHITE
W/ W-R RPMS @ 40' CNTRS

6" YELLOW

6" WHITE



TO REMAIN



TO REMAIN



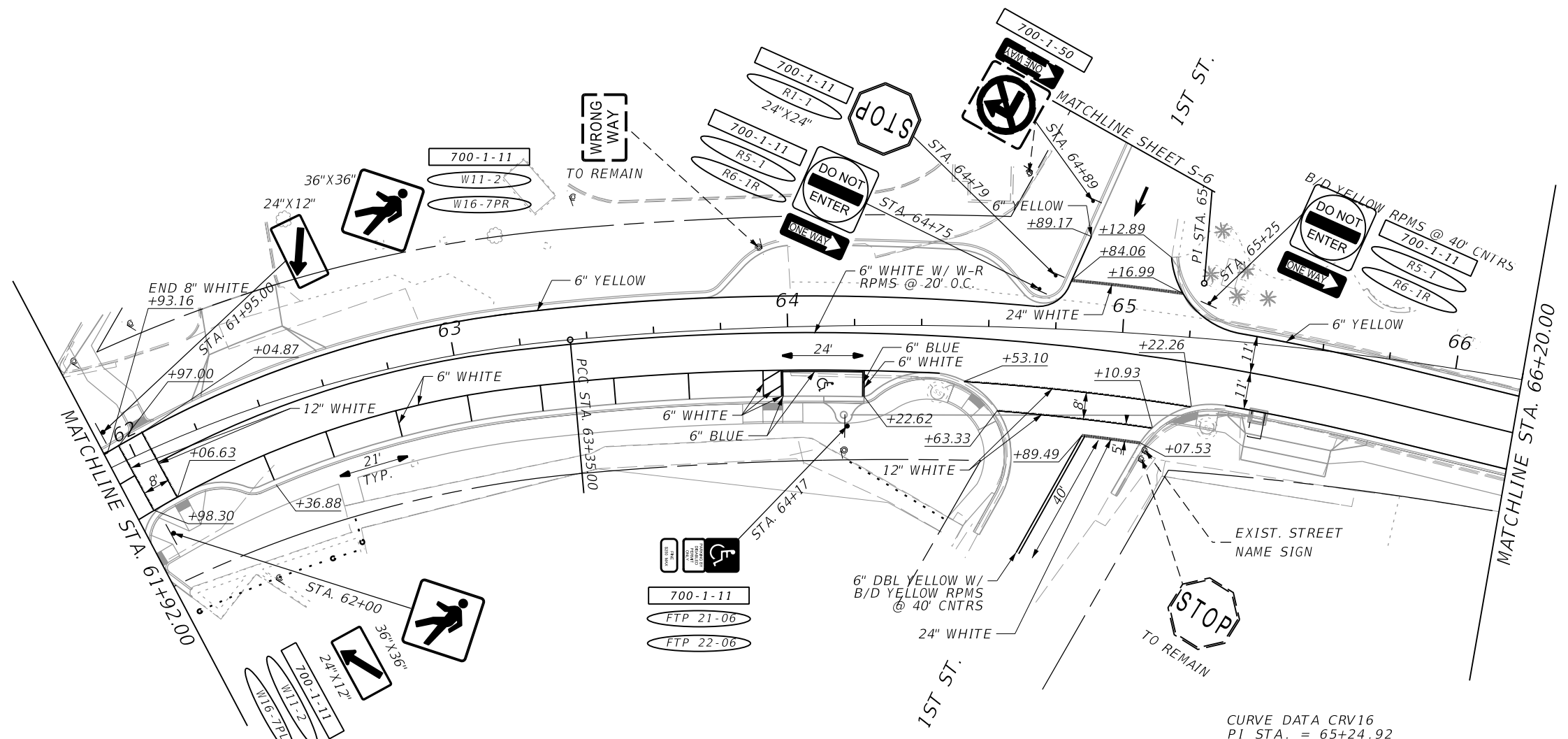
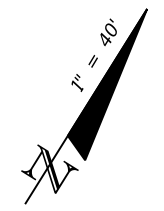
TO REMAIN

FIRE STATION

SR 295 (NAVY BLVD.)

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 292	ESCAMBIA		409792-7-52-01

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CURVE DATA CRV15
 PI STA. = 61+63.36
 Δ = 55° 00' 00" (RT)
 D = 14° 40' 00"
 T = 203.36
 L = 375.00

CURVE DATA CRV16
 PI STA. = 65+24.92
 Δ = 19° 45' 13" (RT)
 D = 5° 15' 10"
 T = 189.92
 L = 376.07
 R = 1,090.79
 PCC STA. = 63+35.00
 PT STA. = 67+11.07

BARRANCAS AVE.

REVISIONS				JESSICA BLOOMFIELD, P.E. P.E. LICENSE NUMBER 66427 METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 292	ESCAMBIA	409792-7-52-01		S-12

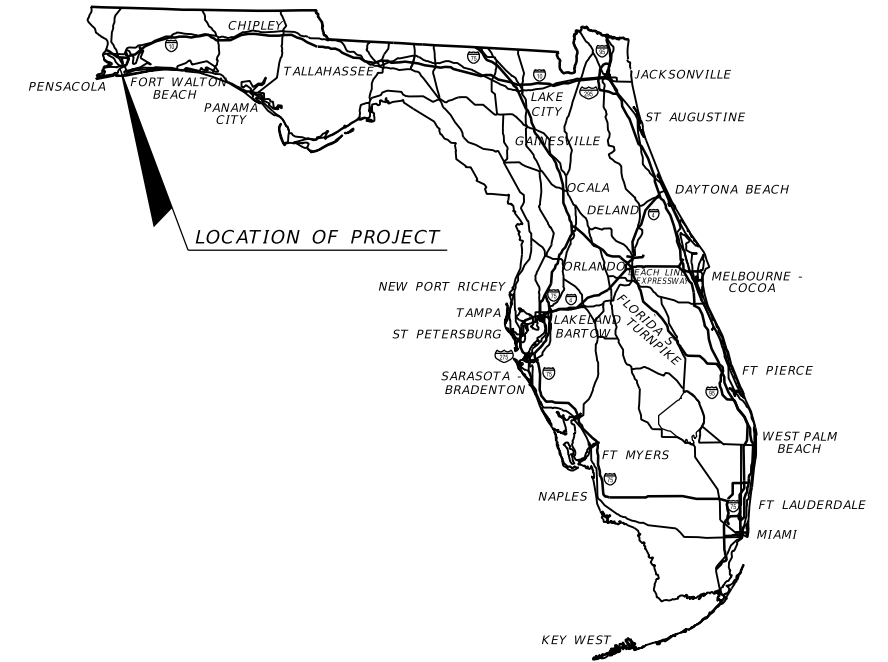
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 409792-7-52-01
(FEDERAL FUNDS)
ESCAMBIA COUNTY (48050)
STATE ROAD NO. 292

SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEYSHEET
T-2 - T-3	TABULATION OF QUANTITIES
T-4	GENERAL NOTES
T-5 - T-10	PLAN SHEETS
T-11 - T-21	INTERCONNECT PLAN SHEETS
T-22	STANDARD MAST ARM TABULATION SHEET
T-23	MAST ARM ASSEMBLIES DATA TABLE
T-24 - T-25	REPORT OF CORE BORINGS
T-26	PEDESTRIAN SIGNAL PEDESTAL DETAIL

SIGNALIZATION SHOP DRAWINGS
TO BE SUBMITTED TO:

CADE BRAUD, P.E.
METRIC ENGINEERING, INC.
615 CRESCENT EXECUTIVE CT, SUITE 524
LAKE MARY, FL 32746

PLANS PREPARED BY:

METRIC ENGINEERING, INC.
615 CRESCENT EXECUTIVE CT, SUITE 524
LAKE MARY, FL 32746
PHONE: (407) 644-1898
FAX: (407) 644-2376
CONTRACT NO. C-9282
VENDOR NO. F-59-1685550
CERTIFICATE OF AUTHORIZATION NO.
EB-0002294

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

ROADWAY PLANS
ENGINEER OF RECORD: CADE BRAUD, P.E.

P.E. NO.: 64488

PHASE IV SUBMITTAL
OCTOBER 2, 2013

FDOT PROJECT MANAGER: JOHN GLENN, P.E.

FISCAL YEAR	SHEET NO.
15	T-1

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET		
			T-5		T-6		T-7		T-8		T-9		T-10		T-11		T-12		T-13		T-14		PLAN	FINAL		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL					
630-2-11	CONDUIT (F&I, OPEN TRENCH)	LF			106								38									144					
630-2-12	CONDUIT (F&I, DIRECTIONAL BORE)	LF	991		175		593		83		699		85						266		126	3018					
630-2-14	CONDUIT (F&I, ABOVEGROUND)	LF			20		20						20						20			80					
632-7-1	SIGNAL CABLE (F&I)	PI			1				1				1									3					
633-4-1	TWISTED PAIR CABLE (F&I)	LF	631		106		749		57		700		25		349		550		400		555	4122					
635-2-11	PULL & SPLICE BOX (F&I, 13" X 24")	EA	5		14		4		11		3		14						2			53					
639-1-122	ELEC POWER SERV (UG, FROM POWER COMPANY)	AS			1		1				1											3					
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF			27		272		24		130		15									468					
641-2-12	PRESTRESSED CONC POLE (F&I, P-II SERVICE POLE)	EA			1				1				1									3					
646-1-11	ALUMINUM SIGNALS POLE (PEDESTAL)	EA			7				2				4									13					
649-31-103	STEEL MAST ARM ASS (F&I,150, 60')	EA			2				1													3					
649-31-104	STEEL MAST ARM ASS (F&I,150, 70.5')	EA			2																	2					
649-31-112	STEEL MAST ARM ASS (F&I,150, 36'-60')	EA											2									2					
650-1-311	TRAFFIC SIGNAL (F&I,3 SECT,1 WAY,ALUM)	AS	11				4				10											25					
650-1-511	TRAFFIC SIGNAL (F&I,5 SECT,1 WAY,ALUM)	AS	2																			2					
653-191	PEDESTRIAN SIGNAL (F&I,LED COUNTDOWN,1 DIR)	AS			8				2													10					
653-192	PEDESTRIAN SIGNAL (F&I,LED COUNTDOWN,2 DIR)	AS											4									4					
660-1-109	LOOP DETECTOR INDUCTIVE (F&I,TYPE 9)	EA			7				2				3									12					
660-1-110	LOOP DETECTOR INDUCTIVE (F&I,TYPE 10)	EA			1								2									3					
660-2-102	LOOP ASSEMBLY (F&I,TYPE B)	AS	4				4				6							2		3	19						
660-2-106	LOOP ASSEMBLY (F&I,TYPE F)	AS	6								4											10					
665-1-11	PED DETECTOR (F&I,STANDARD)	EA			8				2				8									18					
670-5-110	TRAFFIC CONTROLLER ASSEMBLY (F&I,NEMA)	AS			1				1				1									3					
670-5-400	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)	AS												1								1					
690-10	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	12				8				6											26					
690-20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	8				2															10					
690-32-1	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA									2											2					
690-32-2	POLE REMOVAL, SHALLOW, BOLT ON ATTACHMENT	EA	4				2															6					
690-50	CONTROLLER ASSEMBLY (REMOVE, COMPLETE ASSEMBLY)	EA	1				1				1											3					
690-60	DETECTOR VEHICLE ASSEMBLY REMOVE	EA	9																			9					
690-70	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA	8																			8					
690-80	SPAN WIRE ASSEMBLY REMOVE	EA									1											1					
690-90	REMOVE CONDUIT & CABLING	PI	1				1				1											3					
690-91	SIGNAL INTERCONNECT CABLE, REMOVE	LF	629		66		565				517		8		349		550		380		555	3619					
690-100	SIGNAL EQUIPMENT, MISCELLANEOUS REMOVE	PI	1				1				1											3					
700-3-201	SIGN PANELS (F&I, OVERHEAD MOUNT, UP TO 12 SF)	EA					1															1					
700-3-202	SIGN PANELS (F&I, OVERHEAD MOUNT, 12-20 SF)	EA	4								4											8					
700-3-601	SIGN PANELS (REMOVE, UP TO 12 SF)	EA	2				1															3					
700-3-602	SIGN PANELS (REMOVE, 12-20 SF)	EA	4				2				2											8					

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO. T-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		

GENERAL:

1. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES THROUGH THE UTILITY NOTIFICATION CENTER LIAISON EXCAVATORS ("SUNSHINE-1CALL") SYSTEM AT LEAST TWO BUSINESS DAYS IN ADVANCE OF THE ACTUAL BEGINNING OF UNDERGROUND CONSTRUCTION ON THE JOB SITE. THE TELEPHONE NUMBER IS 1-800-432-4770 OR DIAL 811.
2. AS DIRECTED BY THE PROJECT ADMINISTRATOR, THE CONTRACTOR SHALL ADJUST CONDUIT AND PULL BOXES IN ORDER TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
4. THE CONTRACTOR WHO IS ENGAGED IN INSTALLING OR MAINTAINING TRAFFIC SIGNAL WITHIN DISTRICT THREE SHALL HAVE ALL WORK PERFORMED UNDER THE SUPERVISION OF A TECHNICIAN CERTIFIED BY THE INTERNATIONAL MUNICIPAL SIGNAL ORGANIZATION (IMSA) AS A LEVEL II, TRAFFIC SIGNAL TECHNICIAN. THE TECHNICIAN SHALL REPORT TO THE JOB SITE WITHIN FOUR HOURS OF NOTIFICATION TO THE WORK SITE SUPERVISOR TO CORRECT ANY PROBLEM OR EMERGENCY THAT MAY ARISE. IN ADDITION, A TECHNICIAN CERTIFIED AS AN I.M.S.A. LEVEL I TRAFFIC SIGNALIZATION WORK IS IN PROGRESS.
5. THE CONTRACTOR SHALL HAND DIG THE FIRST 4' AT EACH POLE LOCATION AND 2' AT EACH PEDESTAL LOCATION TO VERIFY NO UTILITY CONFLICTS.
6. THE CONTRACTOR SHALL VERIFY COLOR CODES FOR ALL SIGNAL CABLES WITH THE MAINTAINING AGENCY BEFORE ORDERING.
7. THE RIGHT OF WAY SHOWN OUTSIDE OF THE ROADWAY CONSTRUCTION LIMITS IS APPROXIMATE, THEREFORE, ANY CHANGES TO THE DESIGN MUST BE APPROVED BY THE ENGINEER.
8. TRAFFIC SIGNAL EQUIPMENT REMOVED FROM THIS PROJECT SHALL BECOME THE PROPERTY OF THE MAINTAINING AGENCY (ESCAMBIA COUNTY, (850) 595-1862), UNLESS DIRECTED OTHERWISE. THE COST FOR DELIVERING REMOVED TRAFFIC EQUIPMENT TO THE MAINTAINING AGENCY SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM.
9. SCHEDULE AN INSPECTION WITH MR. GENE SYFRETT AND MR. KENNETH CANADY (850) 595-1862 WITH ESCAMBIA COUNTY, TRANSPORTATION AND TRAFFIC OPERATIONS FOR SIGNAL COMMUNICATIONS INTERCONNECT PRIOR TO PLACING SIGNAL IN NORMAL OPERATION MODE.
10. FURNISH ALL TEST EQUIPMENT NECESSARY TO CONDUCT THE FIELD TESTS AT THE TIME OF THE INSPECTION, INCLUDING A BUCKET TRUCK. COMPENSATION FOR THIS EQUIPMENT AND ASSISTANCE SHALL BE INCLUDED IN THE ASSOCIATED PAY ITEM FOR ALL COMPONENTS OF THE SIGNAL TO UNDERGO TESTING.
11. USE CONDUITS OF SUFFICIENT SIZE TO ALLOW THE CONDUCTORS TO BE INSTALLED WITHOUT ANY DAMAGE AND MEETING NEC REQUIREMENTS. USE CONDUIT THAT IS AT LEAST TWO INCHES (50MM) IN DIAMETER, EXCEPT FOR ELECTRICAL POWER AND TELEPHONE SERVICE DUCTS, WHICH SHALL BE A MINIMUM OF ONE INCH (25MM) IN DIAMETER.
12. INSTALL SIGNAL CABLE ONLY IN CONTINUOUS LENGTH BETWEEN THE OVERHEAD AND THE CONTROLLER CABINET. SPLICE CABLE ONLY IN THE SIGNAL HEADS OR STRUCTURE HAND HOLES FOR MAST ARM INSTALLATIONS, OR DISCONNECT HANGERS FOR SPAN- WIRE INSTALLATIONS.
13. PROVIDE PULL BOXES WITH LIDS CONSTRUCTED FOR A NON -CONDUCTIVE COMPOSITE MATERIAL. THESE LIDS SHALL BE STAMPED OR CAST WITH THE MANUFACTURER'S LOGO AND THE LEGEND "TRAFFIC SIGNAL", COST TO BE INCLUSIVE OF PAY ITEM.
14. INSTALL CONDUIT ACCORDING TO ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 17781, ALTERNATIVE NUMBER 2. UTILIZE THIS METHOD FOR ALL APPLICATIONS IN THE DISTRICT, WITHOUT REGARD TO THE PRESENCE OF CURB AND GUTTER.

CONTROLLER:

1. THE TRAFFIC CONTROLLER CABINET ASSEMBLY SHALL BE COMPLIANT WITH ESCAMBIA COUNTY'S LATEST CABINET SPECIFICATIONS AND BE 100% COMPATIBLE WITH THE ESCAMBIA COUNTY SIGNAL SYSTEM.
2. THE TRAFFIC CONTROLLER CABINET SHALL BE WIRED FOR SOP 10 OPERATIONS, BUT SHOULD BE CONFIGURED FOR THE APPLIED INTERSECTION.
3. GENERATOR HARNESS ASSEMBLY: THE PAY ITEM FOR THE CONTROLLER CABINET ASSEMBLY SHALL INCLUDE ALL WORK AND MATERIALS NECESSARY FOR THE INSTALLATION OF A COMPLETE GENERATOR HARNESS ASSEMBLY WITH EGRESS PORT, WHOSE DESIGN HAS BEEN STANDARDIZED THROUGHOUT DISTRICT THREE. THE CONTRACTOR SHALL VISIT AN EXISTING INTERSECTION WHERE SAID STANDARDIZED HARNESS IS INSTALLED IN ORDER TO VERIFY NECESSARY EQUIPMENT. DETAILS RELATED TO THE STANDARDIZED GENERATOR HARNESS INSTALLATION ARE AS FOLLOWS:

A TOTAL OF TWENTY-FIVE (25) FEET OF TYPE "SEOW" OR "SO" 10-3 AWG COPPER CABLE SHALL BE PROVIDED. A MALE PLUG (LEVITRON # 5226-C, 5-15P) SHALL BE ATTACHED TO TWENTY-THREE (23) FEET OF CABLE CONNECTED INTO THE CONTROLLER CABINET TERMINAL STRIP. A FEMALE CONNECTOR (LEVITRON, PART # 5369-C, 5-20R) SHALL BE ATTACHED TO TWO (2) FEET OF "SO" CABLE SPLICED INTO THE #6 AWG ELECTRICAL SERVICE WIRE. THREE INSULATED MECHANICAL OR COMPRESSION CLAMPS (NO SPLIT BOLTS OR WIRE NUTS) FOR COPPER WIRE SHALL BE UTILIZED TO SPLICE CABLE TO ELECTRICAL SERVICE WIRE. A VERTICAL MOUNT, SELF CLOSING, METALLIC, WEATHER-PROOF COVER AND GASKET SHALL BE PROVIDED AS AN EGRESS PORT, WHICH SHALL HAVE SUFFICIENT ROOM FOR THE MALE PLUG TO EXIT AND ENTER FOR TEMPORARY CONNECTION TO EMERGENCY GENERATOR.

4. WIRE EACH TRAFFIC MOVEMENT SEPARATELY, AND THEN COMBINE AT THE FIELD TERMINALS IN THE CONTROLLER CABINET TO OBTAIN THE SOP OPERATION AS PRESCRIBED IN THE PLANS.

ELECTRICAL SERVICES:

1. ELECTRICAL POWER SERVICE SHALL INCLUDE THE COST OF ANY PERMITS AND INITIAL CONNECTION FEES THAT MAY BE ASSESSED BY THE POWER COMPANY OR LOCAL GOVERNMENT, WHENEVER APPLICABLE. THIS APPLIES TO OVERHEAD AND UNDERGROUND SERVICES.
2. UNDERGROUND ELECTRICAL POWER SERVICE SHALL INCLUDE ANY COST FOR THE OVERHEAD-TO-UNDERGROUND UTILITY ADJUSTMENT WORK THAT MAY BE ASSESSED BY THE POWER COMPANY. THE WORK TO BE ACCOMPLISHED BY THE POWER COMPANY INVOLVES DESCENT OF THEIR POLE WITH CONDUIT AND SERVICE CONDUCTORS TO A PULL BOX SHOWN ON THE PLANS IN CLOSE PROXIMITY TO THE UTILITY POLE.
3. ELECTRICAL POWER SERVICE SHALL BE "METERED" PER GULF POWER COMPANY.

SIGNAL HEADS:

1. THE CONTRACTOR SHALL INSTALL HORIZONTAL MOUNTED POLYCARBONATE SIGNAL HEADS WITH LED INDICATIONS, UNLESS SHOWN OTHERWISE.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE SPARE CONDUCTORS AT EACH SIGNAL HEAD.
3. THE PAY ITEM FOR HORIZONTAL MOUNTED VEHICULAR SIGNAL ASSEMBLIES SHALL INCLUDE THE COST OF A HORIZONTAL ARTICULATING BRACKET FOR ALL PROJECTS UTILIZING MAST ARM OR MONOTUBE SUPPORTS.

MAST ARM ASSEMBLIES:

1. CONTRACTOR SHALL VERIFY POLE AND FOUNDATION ELEVATIONS PRIOR TO ORDERING MAST ARM ASSEMBLIES. POLE AND FOUNDATION ELEVATION IS CRITICAL DUE TO THE USE OF HORIZONTAL SIGNAL HEADS IN THE DISTRICT. MOUNT HORIZONTAL HEADS AT APPROXIMATELY THE SAME ELEVATION AS THE HORIZONTAL MAST ARM MEMBER. MOUNTING SIGNAL HEADS VERTICALLY OR BELOW THE MAST ARM ELEVATION IS UNACCEPTABLE.
2. ENSURE DRILLED SHAFT FOUNDATION ELEVATION MATCHES THE ELEVATION OF ANY ADJACENT SIDEWALK THAT IS EITHER EXISTING OR CONSTRUCTED AS PART OF THE PROJECT.
3. THE REPAIR TO POLES/MAST ARMS AS A RESULT OF DAMAGE OR EFFECT OF FIELD CUTTING OR DRILLING OPERATIONS, SHALL BE AT NO ADDITIONAL COST, AND SHALL INCLUDE FIELD GALVANIZING OF THE AFFECTED AREAS.

UTILITIES:

1. SEE ROADWAY PLANS FOR UTILITY INFORMATION.

VEHICLE DETECTION:

1. NOTIFY THE TRAFFIC SIGNAL MAINTAINING AGENCY'S ENGINEERING DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF LOOP INSTALLATION. PERMIT THE AGENCY'S REPRESENTATIVE TO CHALK THE LOOPS AND OBSERVE THEIR INSTALLATION AT THEIR OPTION.
2. INSTALL LOOP ASSEMBLIES BEFORE PLACING THE FINAL COURSE OF ASPHALT.
3. PLACE AND SEAL LOOP AND LEAD-IN WIRES IMMEDIATELY AFTER SAWING.
4. SPLICE LOOP ASSEMBLIES TO THE LEAD-IN WIRES AT THE NEAREST PULL BOX.
5. INSTALL EACH LOOP ON A SEPARATE CHANNEL, EXCEPT ADVANCE LOOPS WHICH MAY HAVE A MAXIMUM OF TWO LOOPS PER CHANNEL ON TWO LANE APPROACHES, OR THREE LOOPS PER CHANNEL ON THREE LANE APPROACHES.
6. USE 2-INCH CONDUIT. PLACE UNDER PAVEMENT FOR LOOP WINDOWS (THE TWISTED-PAIRS OF LOOP LEAD-INSL).
7. SAWCUT ALL TYPE-A AND TYPE-F LOOP ASSEMBLIES TO THE DIMENSIONS OF SIX-BY-FIFTY FEET AND TYPE-B LOOP ASSEMBLIES SIX-BY-SIX FEET.

PED FEATURES:

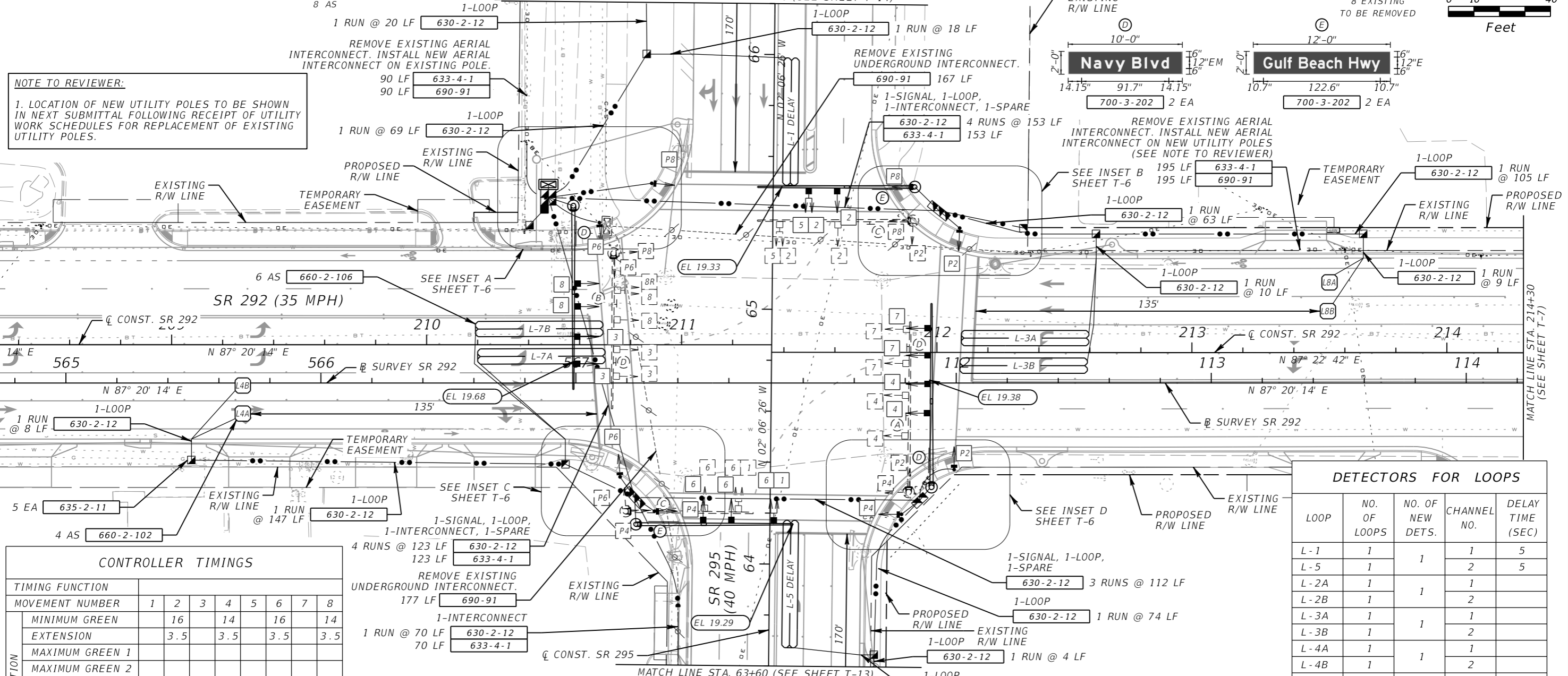
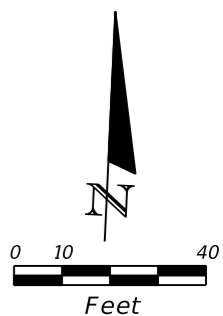
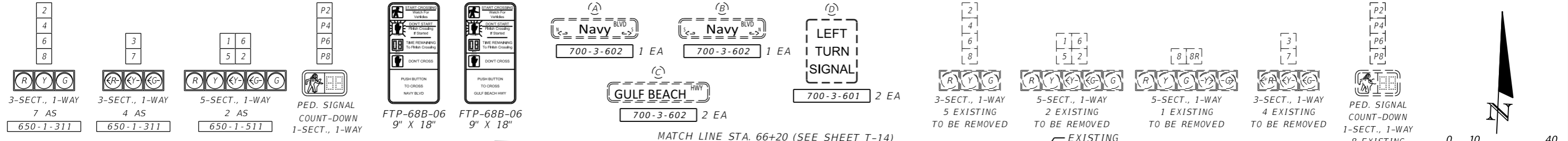
1. ALL PEDESTRIAN SIGNALS SHALL BE POLYCARBONATE WITH COUNTDOWN TYPE LED INDICATIONS.

PAY ITEM NOTES:

1. PAY ITEM NO. 646-1-11 TO INCLUDE AN ALUMINUM POLE WITH A TRANSFORMER BASE FOR FRANGIBILITY.
2. PAY ITEM NO. 649-31-2XX SHALL INCLUDE FIELD VERIFYING AND IDENTIFYING AS FREE OF CONFLICTS AND/OR OBJECTS BY THE CONTRACTOR PRIOR TO PROCUREMENT OF THE ASSOCIATED MAST ARM/POLE ASSEMBLY. ASSEMBLIES SHALL BE GALVANIZED.
3. PAY ITEM NO. 665-1-11 INCLUDES THE COST OF FTP-68B-06 SIGNS.
4. PAY ITEM NO. 690-100 INCLUDES REMOVAL OF ABANDONED PULL BOXES AND CABLING.

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DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			292		ESCAMBIA	409792-7-52-01		

GENERAL NOTES



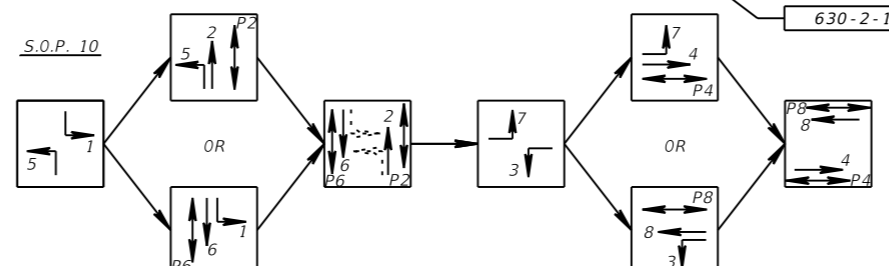
NOTE TO REVIEWER:
 1. LOCATION OF NEW UTILITY POLES TO BE SHOWN IN NEXT SUBMITTAL FOLLOWING RECEIPT OF UTILITY WORK SCHEDULES FOR REPLACEMENT OF EXISTING UTILITY POLES.

CONTROLLER TIMINGS

TIMING FUNCTION	1	2	3	4	5	6	7	8
MINIMUM GREEN	16	14	16	14				
EXTENSION	3.5	3.5	3.5	3.5				
MAXIMUM GREEN 1								
MAXIMUM GREEN 2								
YELLOW CLEARANCE								
ALL RED								
PEDESTRIAN WALK	7	7	7	7				
PED. CLEARANCE	23	23	24	26				
RECALL								
DET. FUNCTION								
FLASH MODE								

REMOVAL ITEMS

12 EA	690-10
8 EA	690-20
4 EA	690-32-2
1 EA	690-50
9 EA	690-60
8 EA	690-70
1 PI	690-90
1 PI	690-100



NOTES:
 1. EXISTING TIMINGS TO REMAIN EXCEPT AS NOTED.
 2. CONTRACTOR'S ATTENTION IS DIRECTED TO THE EXISTENCE OF OVERHEADED UTILITIES WHICH MAY INTERFERE WITH NORMAL CONSTRUCTION PRACTICES AT THIS LOCATION.

DETECTORS FOR LOOPS

LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC)
L-1	1	1	1	5
L-5	1	1	2	5
L-2A	1	1	1	
L-2B	1	1	2	
L-3A	1	1	1	
L-3B	1	1	2	
L-4A	1	1	1	
L-4B	1	1	2	
L-6A	1	1	1	
L-6B	1	1	2	
L-6C	1	1	1	
L-7A	1	1	1	
L-7B	1	1	2	
L-8A	1	1	1	
L-8B	1	1	2	

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

CADE BRAUD, P.E. # 64488
 METRIC ENGINEERING, INC.
 615 CRESCENT EXECUTIVE CT
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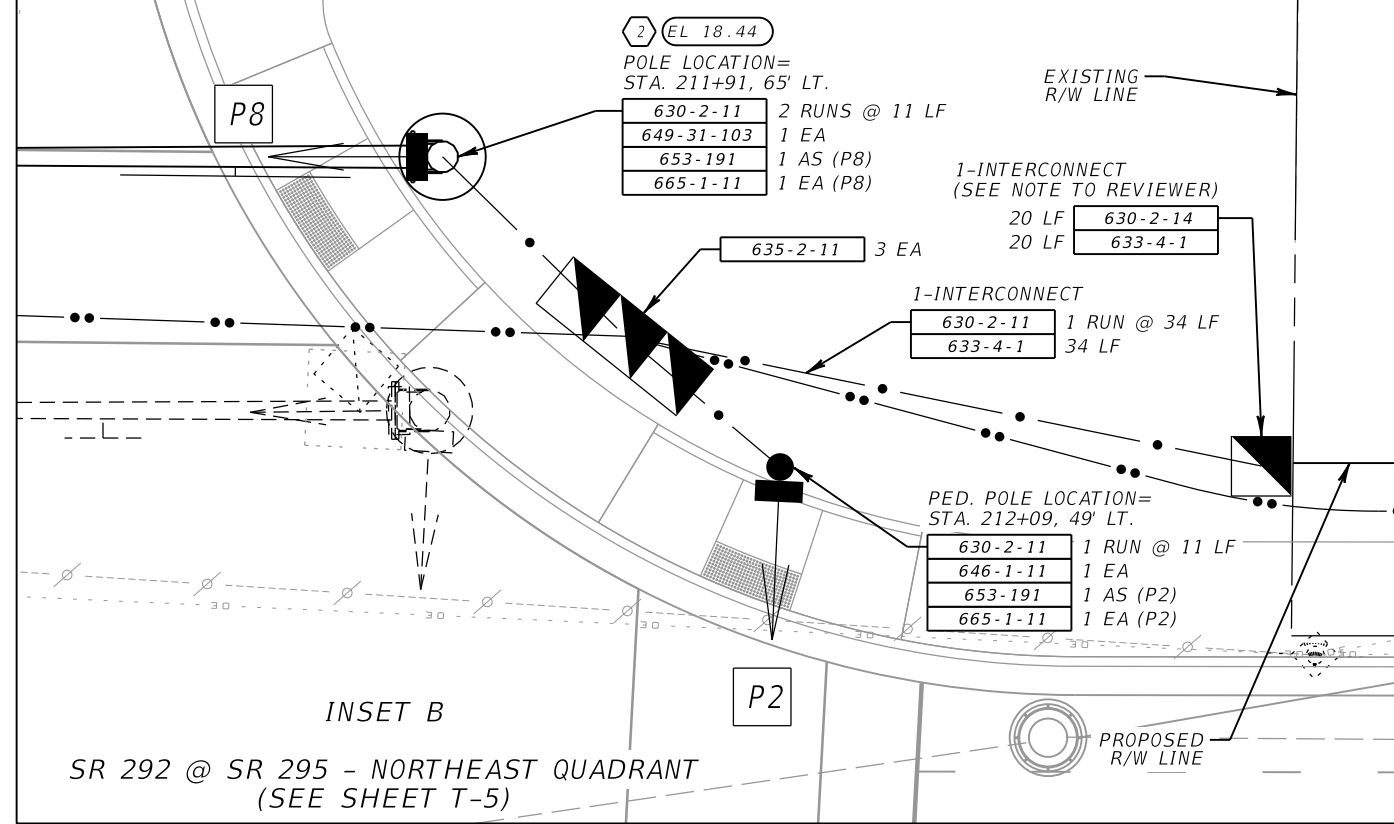
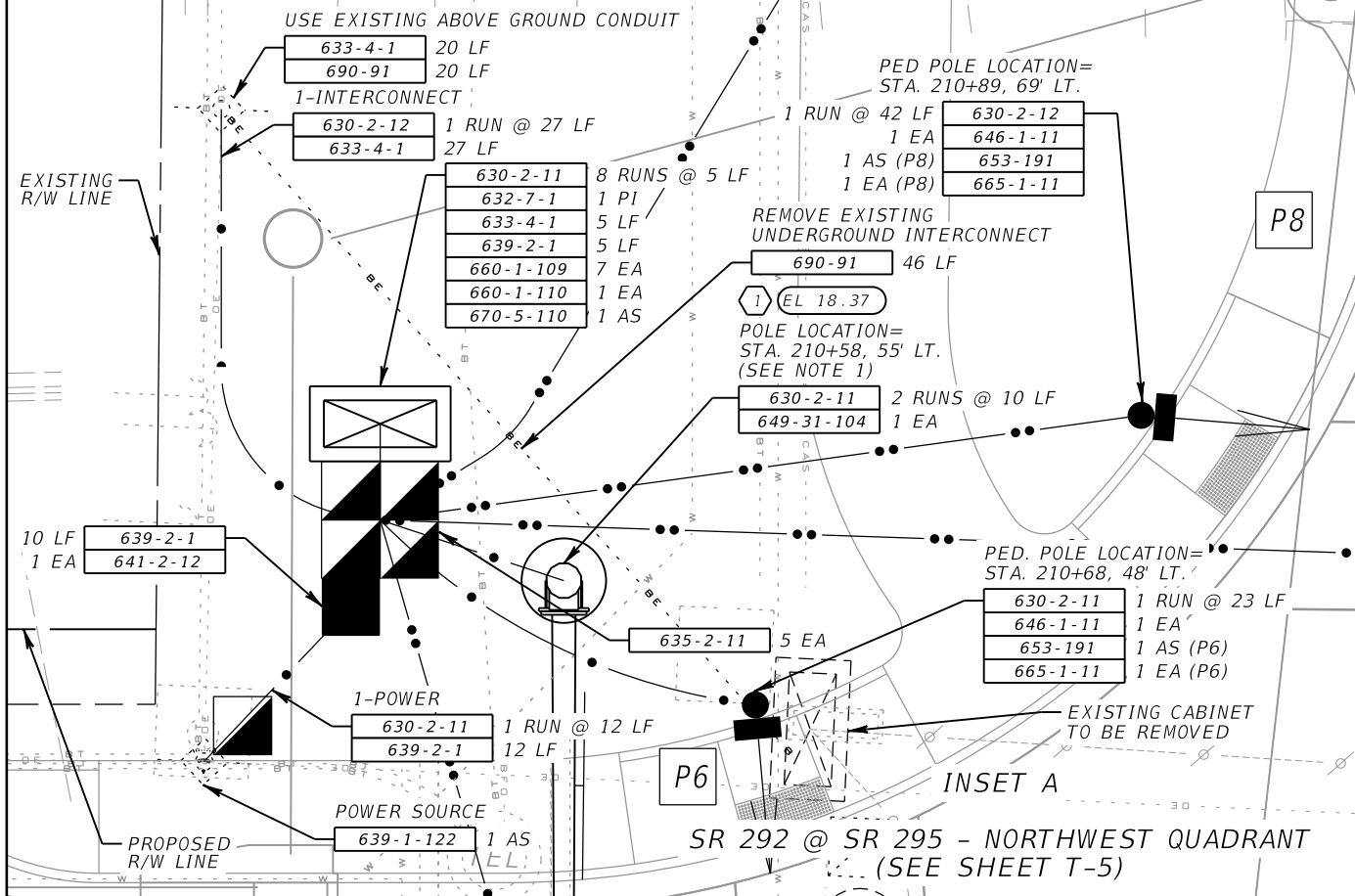
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
292	ESCAMBIA	409792-7-52-01

PLAN SHEET

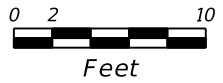
SHEET NO. T-5

SR 292 @ SR 295



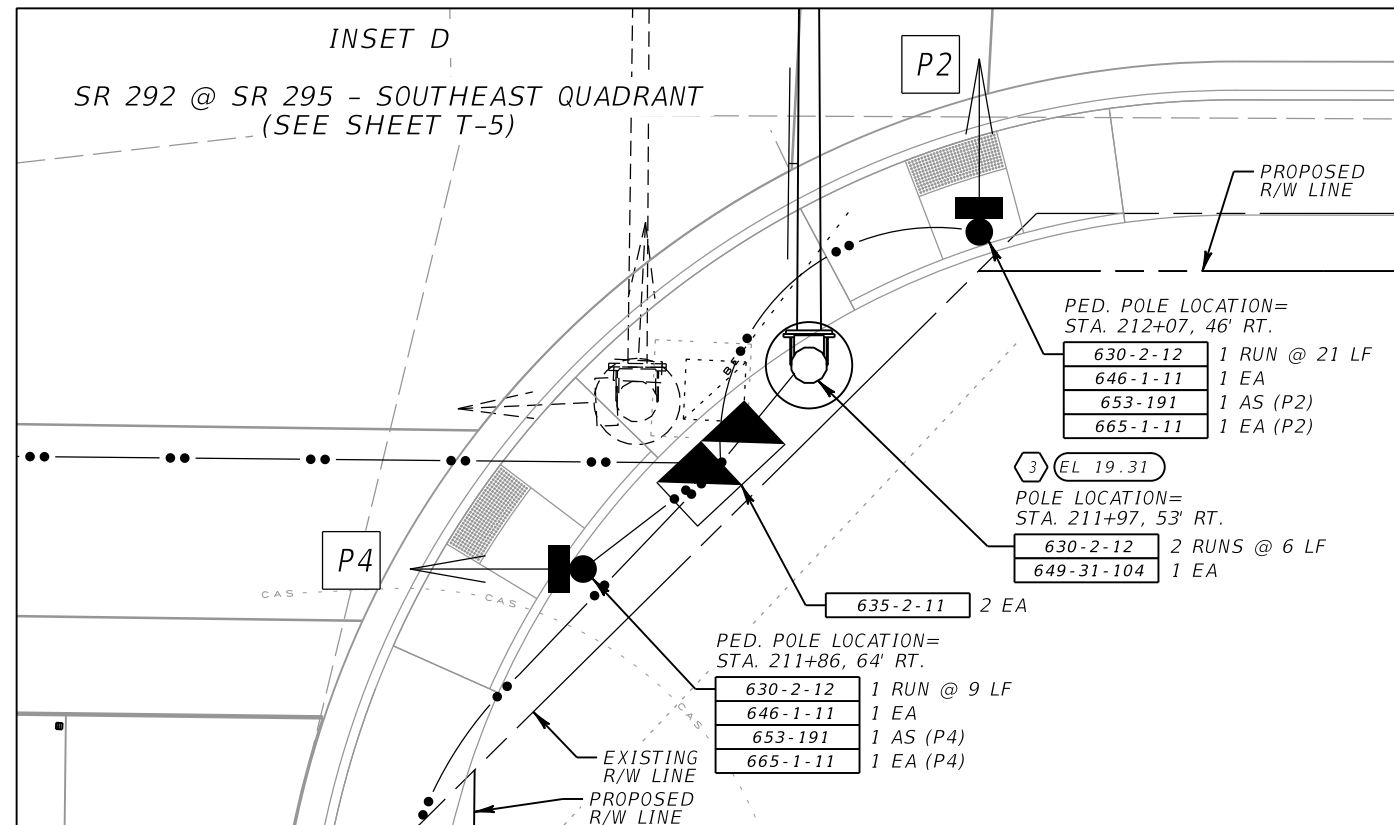
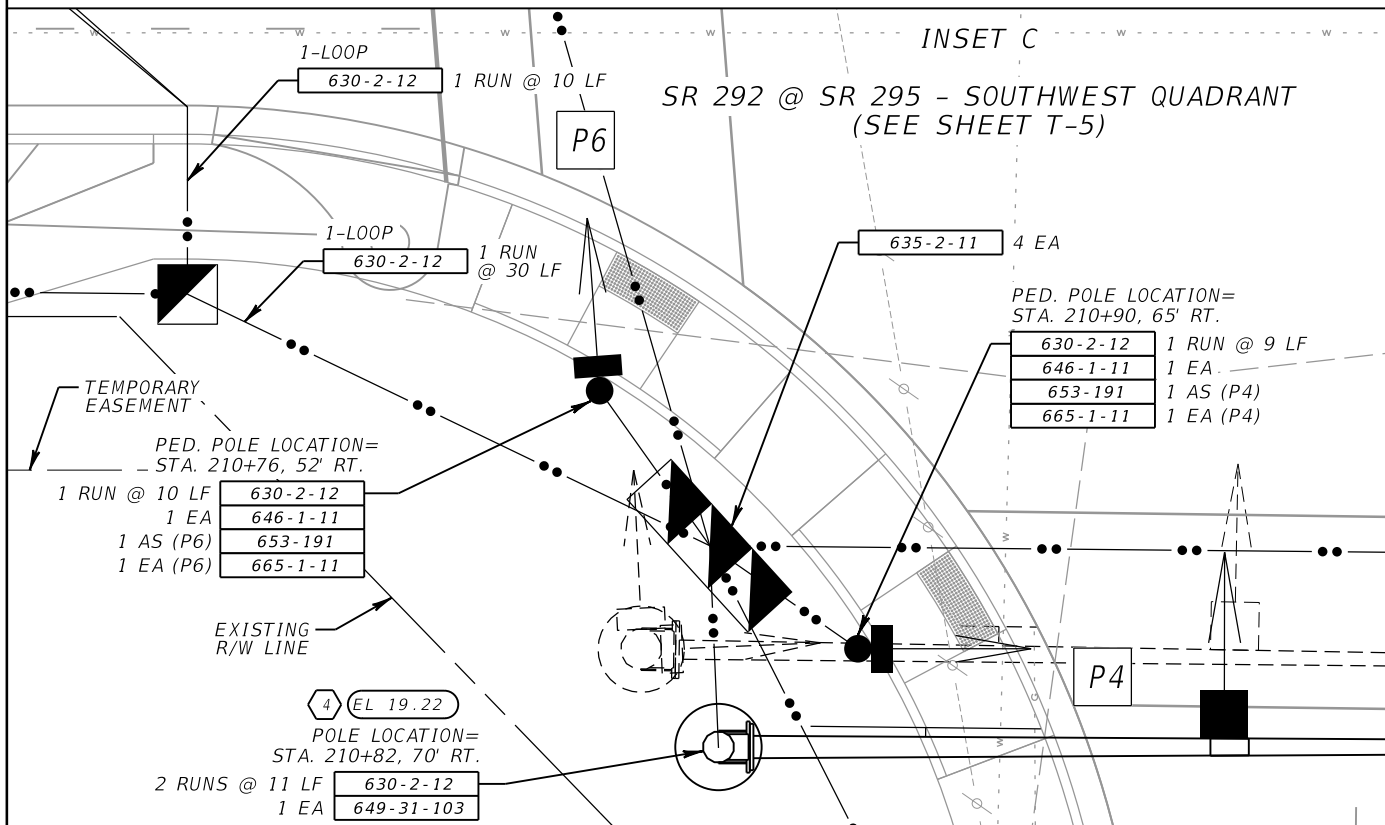
NOTES:

1. CONTRACTOR TO TAKE PRECAUTIONS DURING INSTALLATION OF MAST ARM ID #1 TO PREVENT DAMAGE TO EXISTING BURIED ELECTRIC AND WATER MAIN.



NOTE TO REVIEWER:

1. RUN OF UNDERGROUND INTERCONNECT FROM NEW PULL BOX TO NEAREST NEW UTILITY POLE TO BE SHOWN IN NEXT SUBMITTAL FOLLOWING RECEIPT OF UTILITY WORK SCHEDULE FOR REPLACEMENT OF EXISTING UTILITY POLES.



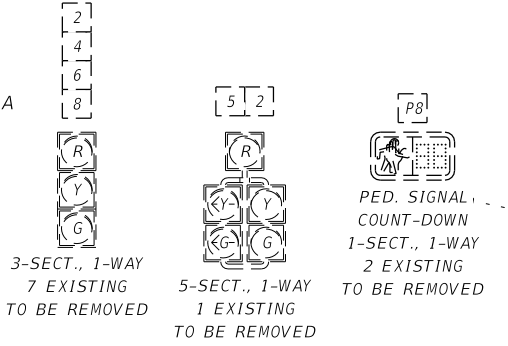
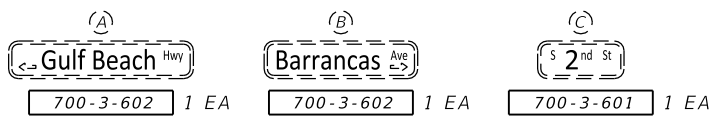
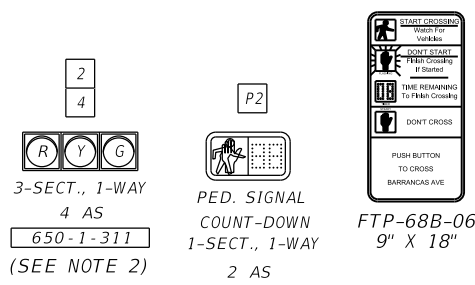
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CADE BRAUD, P.E. # 64488
METRIC ENGINEERING, INC.
615 CRESCENT EXECUTIVE CT
SUITE 524
LAKE MARY, FLORIDA 32746
TEL. (407) 644-1898
FAX. (407) 644-2376
CERTIFICATE OF AUTHORIZATION 2294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
292	ESCAMBIA	409792-7-52-01

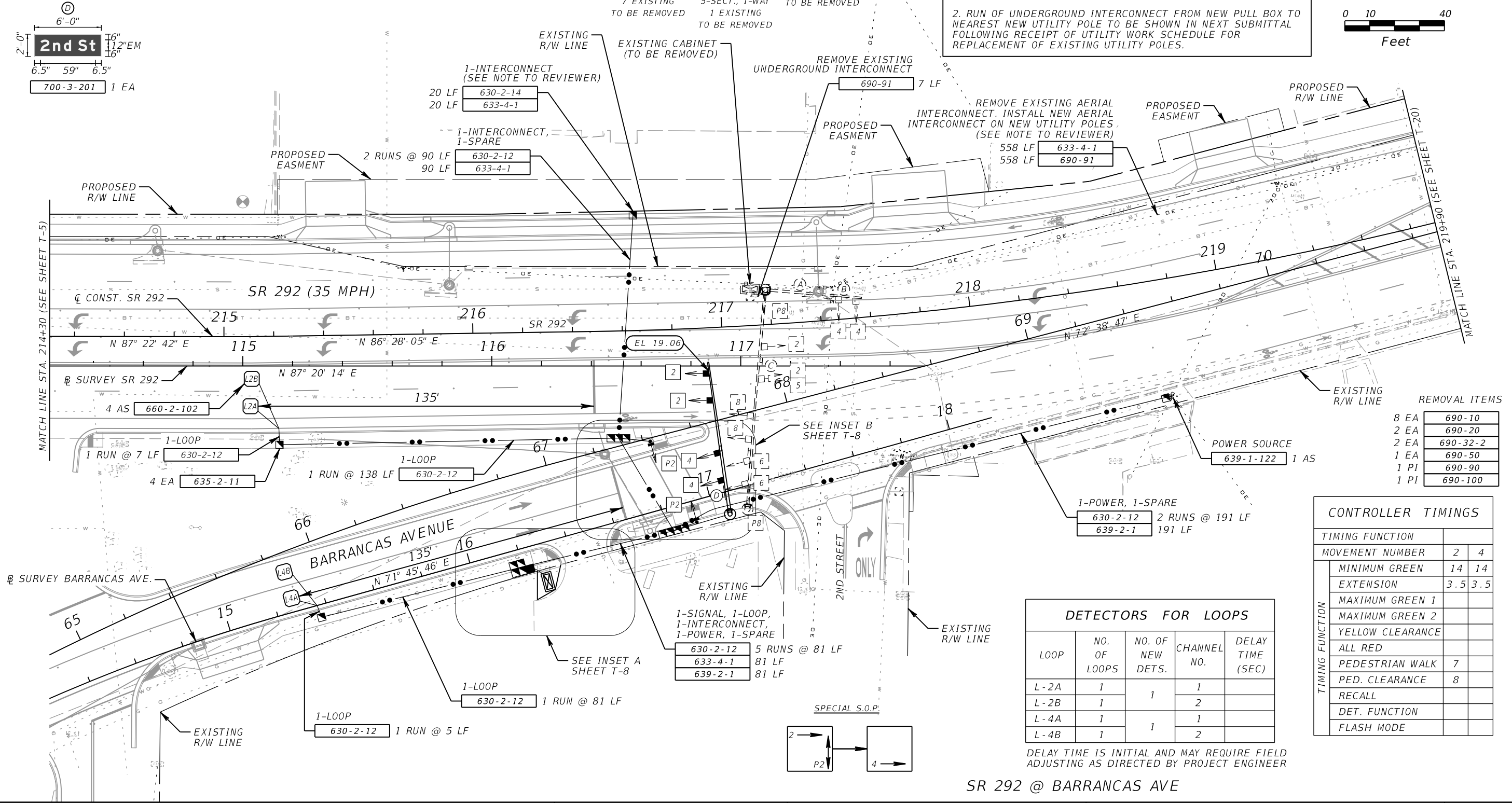
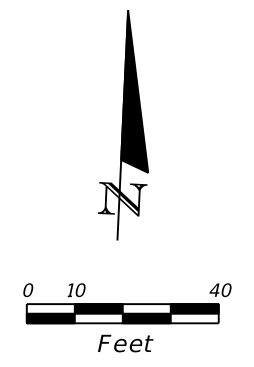
PLAN SHEET

SHEET NO.
T-6



NOTES:
 1. EXISTING TIMINGS TO REMAIN EXCEPT AS NOTED.
 2. USE ARTICULATED SIGNAL BRACKETS FOR PROPER ALIGNMENT.

NOTES TO REVIEWER:
 1. LOCATION OF NEW UTILITY POLES TO BE SHOWN IN NEXT SUBMITTAL FOLLOWING RECEIPT OF UTILITY WORK SCHEDULES FOR REPLACEMENT OF EXISTING UTILITY POLES.
 2. RUN OF UNDERGROUND INTERCONNECT FROM NEW PULL BOX TO NEAREST NEW UTILITY POLE TO BE SHOWN IN NEXT SUBMITTAL FOLLOWING RECEIPT OF UTILITY WORK SCHEDULE FOR REPLACEMENT OF EXISTING UTILITY POLES.



REMOVAL ITEMS

8 EA	690-10
2 EA	690-20
2 EA	690-32-2
1 EA	690-50
1 PI	690-90
1 PI	690-100

CONTROLLER TIMINGS

TIMING FUNCTION			
MOVEMENT NUMBER		2	4
TIMING FUNCTION	MINIMUM GREEN	14	14
	EXTENSION	3.5	3.5
	MAXIMUM GREEN 1		
	MAXIMUM GREEN 2		
	YELLOW CLEARANCE		
	ALL RED		
	PEDESTRIAN WALK	7	
	PED. CLEARANCE	8	
	RECALL		
	DET. FUNCTION		
FLASH MODE			

DETECTORS FOR LOOPS

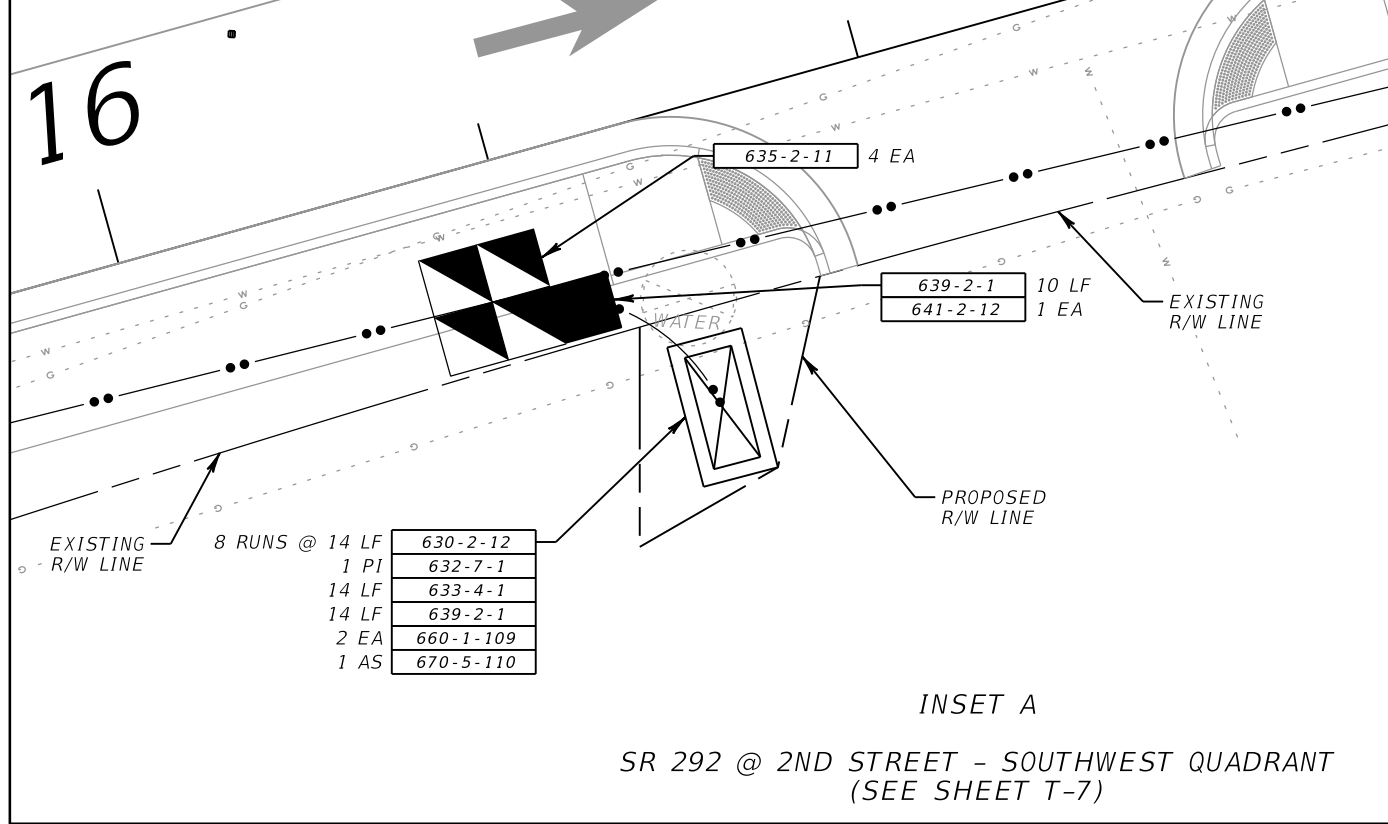
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC)
L-2A	1		1	
L-2B	1	1	2	
L-4A	1		1	
L-4B	1	1	2	

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER

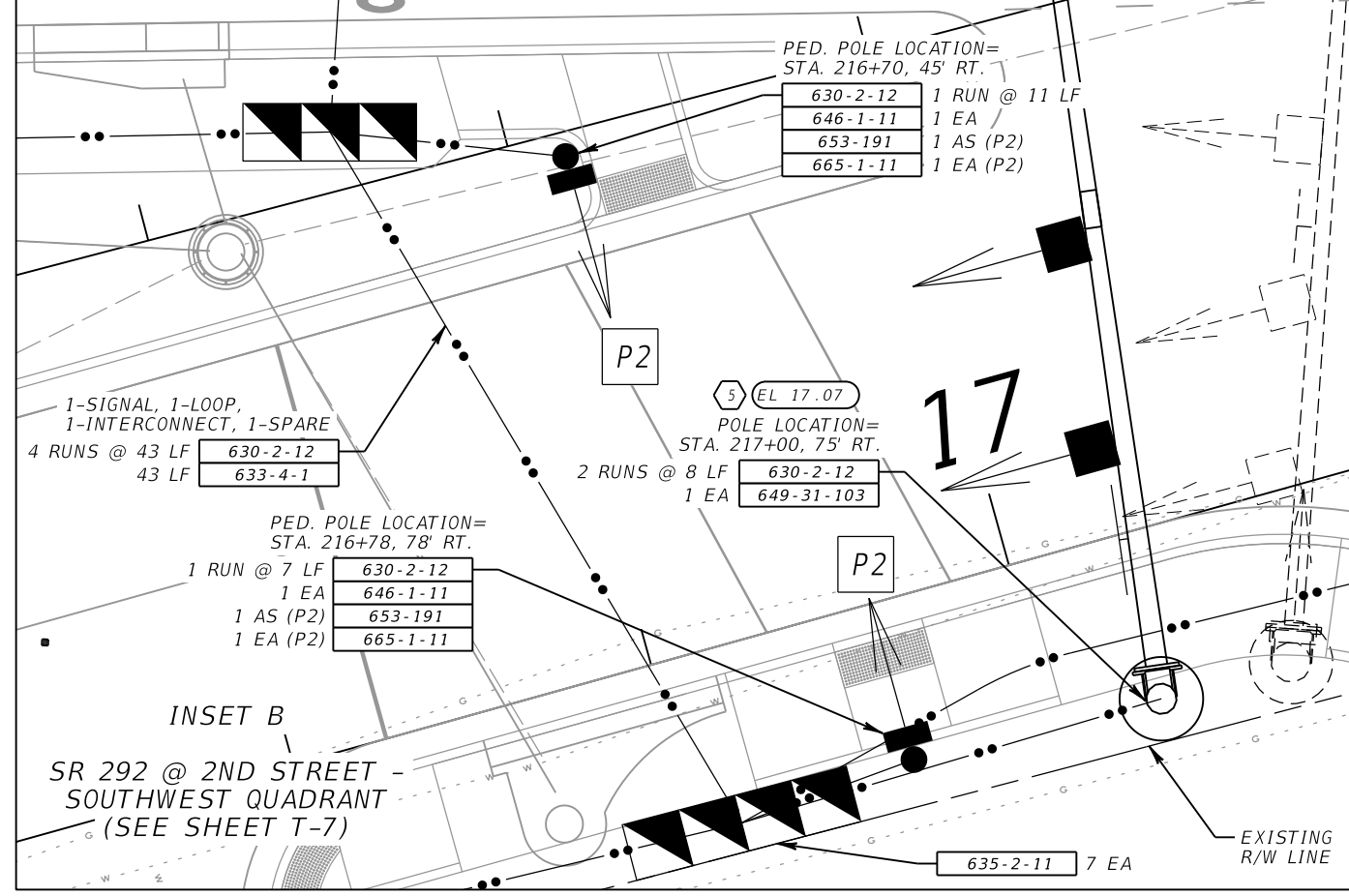
SR 292 @ BARRANCAS AVE

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					292	ESCAMBIA	409792-7-52-01	PLAN SHEET T-7

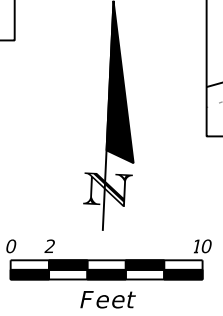
16



INSET A
SR 292 @ 2ND STREET - SOUTHWEST QUADRANT
(SEE SHEET T-7)



INSET B
SR 292 @ 2ND STREET - SOUTHWEST QUADRANT
(SEE SHEET T-7)



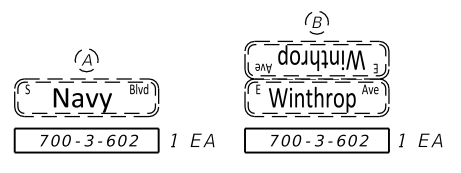
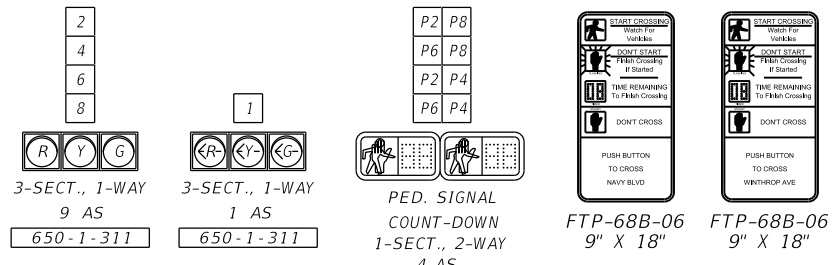
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CADE BRAUD, P.E. # 64488
METRIC ENGINEERING, INC.
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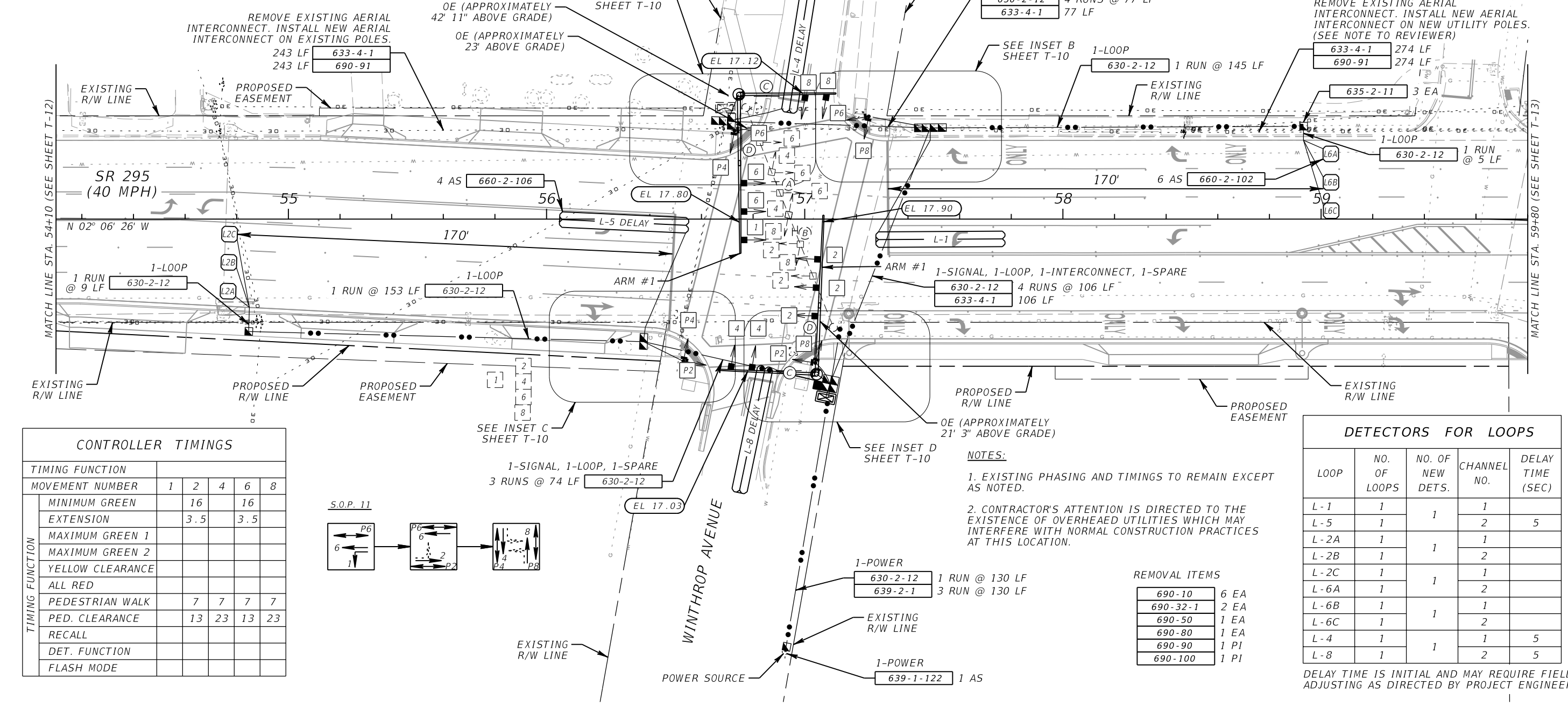
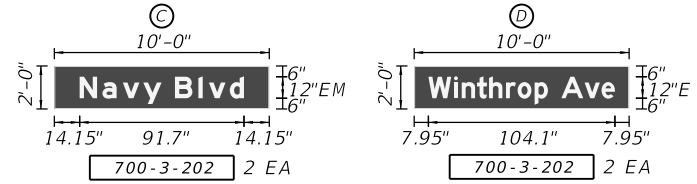
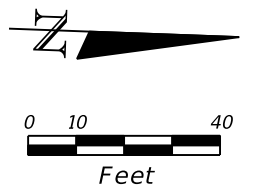
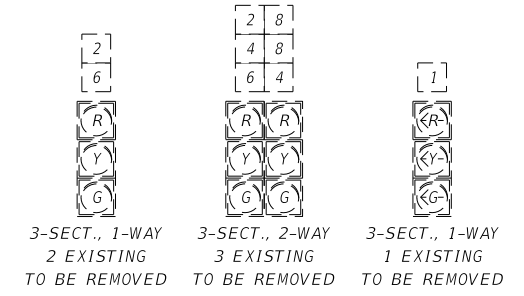
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
292	ESCAMBIA	409792-7-52-01

PLAN SHEET

SHEET NO.
T-8

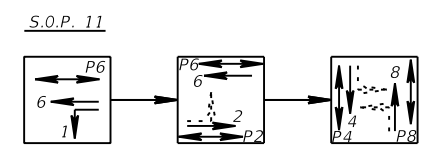


NOTE TO REVIEWER:
 1. LOCATION OF NEW UTILITY POLES TO BE SHOWN IN NEXT SUBMITTAL FOLLOWING RECEIPT OF UTILITY WORK SCHEDULES FOR REPLACEMENT OF EXISTING UTILITY POLES.



CONTROLLER TIMINGS

TIMING FUNCTION	1	2	4	6	8
MOVEMENT NUMBER	1	2	4	6	8
MINIMUM GREEN		16		16	
EXTENSION		3.5		3.5	
MAXIMUM GREEN 1					
MAXIMUM GREEN 2					
YELLOW CLEARANCE					
ALL RED					
PEDESTRIAN WALK	7	7	7	7	7
PED. CLEARANCE	13	23	13	23	13
RECALL					
DET. FUNCTION					
FLASH MODE					



NOTES:
 1. EXISTING PHASING AND TIMINGS TO REMAIN EXCEPT AS NOTED.
 2. CONTRACTOR'S ATTENTION IS DIRECTED TO THE EXISTENCE OF OVERHEADED UTILITIES WHICH MAY INTERFERE WITH NORMAL CONSTRUCTION PRACTICES AT THIS LOCATION.

REMOVAL ITEMS

690-10	6 EA
690-32-1	2 EA
690-50	1 EA
690-80	1 EA
690-90	1 PI
690-100	1 PI

DETECTORS FOR LOOPS

LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC)
L-1	1		1	
L-5	1	1	2	5
L-2A	1		1	
L-2B	1	1	2	
L-2C	1		1	
L-6A	1	1	2	
L-6B	1		1	
L-6C	1	1	2	
L-4	1		1	5
L-8	1	1	2	5

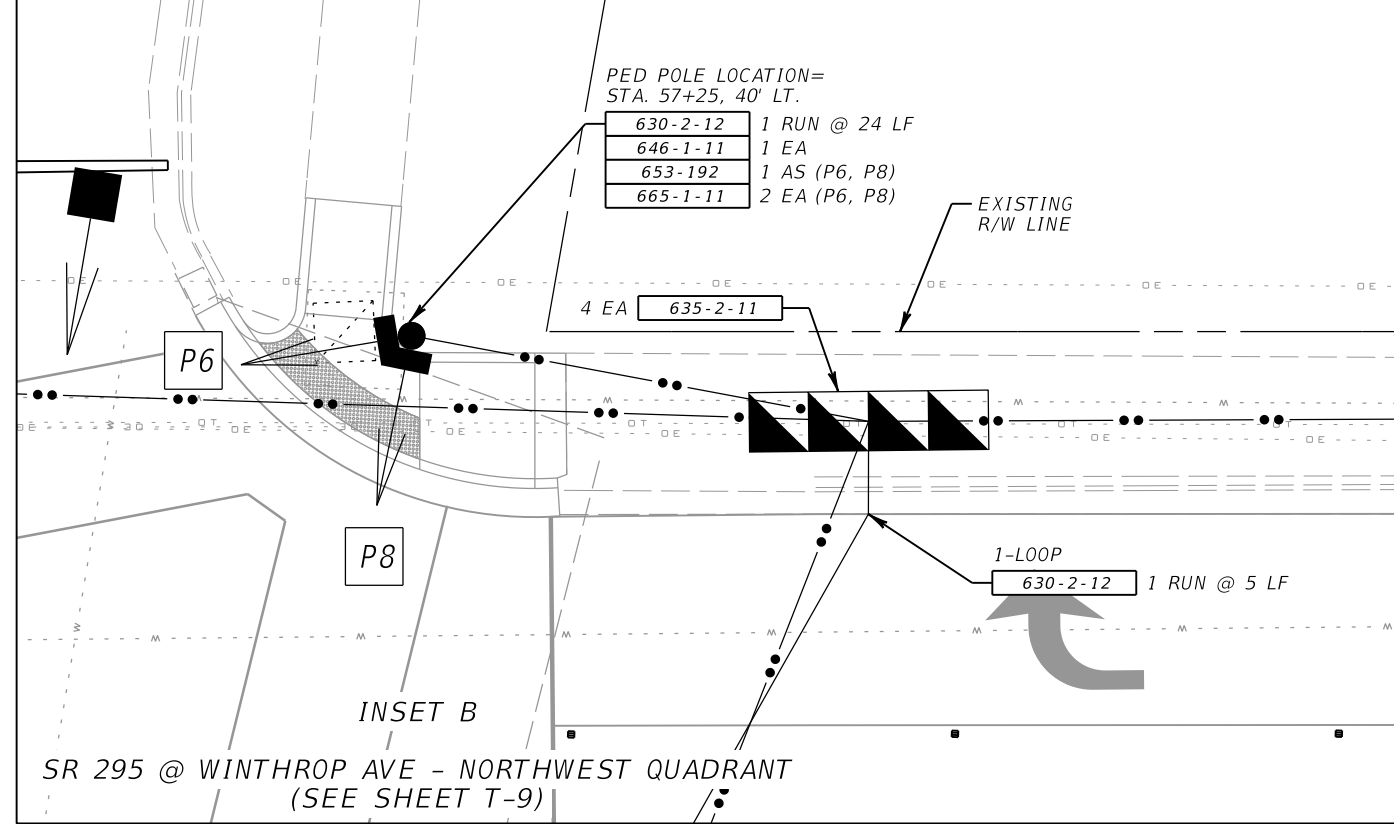
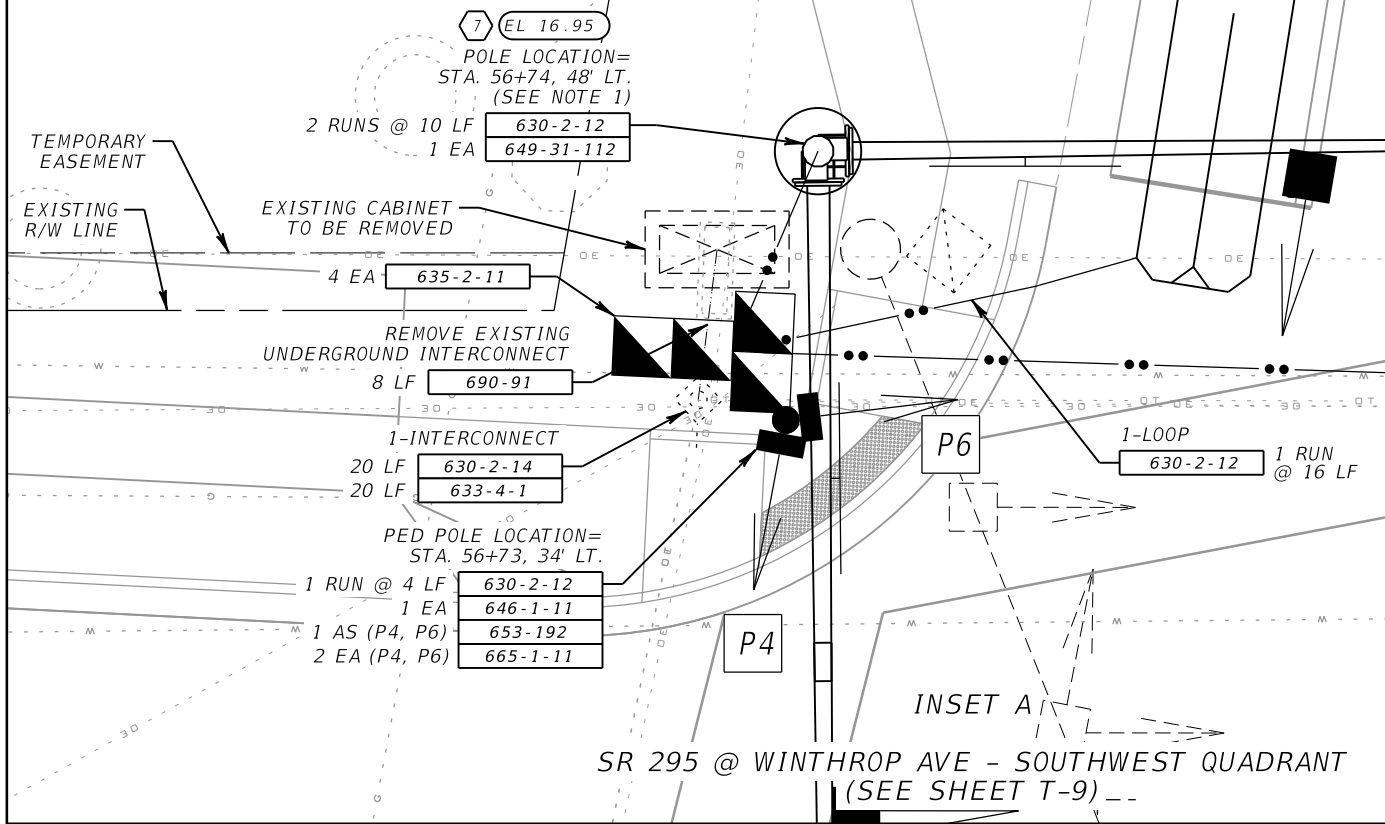
DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER

SR 295 (NAVY BLVD.) @ WINTHROP AVENUE

REVISIONS		DATE	DESCRIPTION	DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
DATE	DESCRIPTION									
							292	ESCAMBIA	409792-7-52-01	T-9

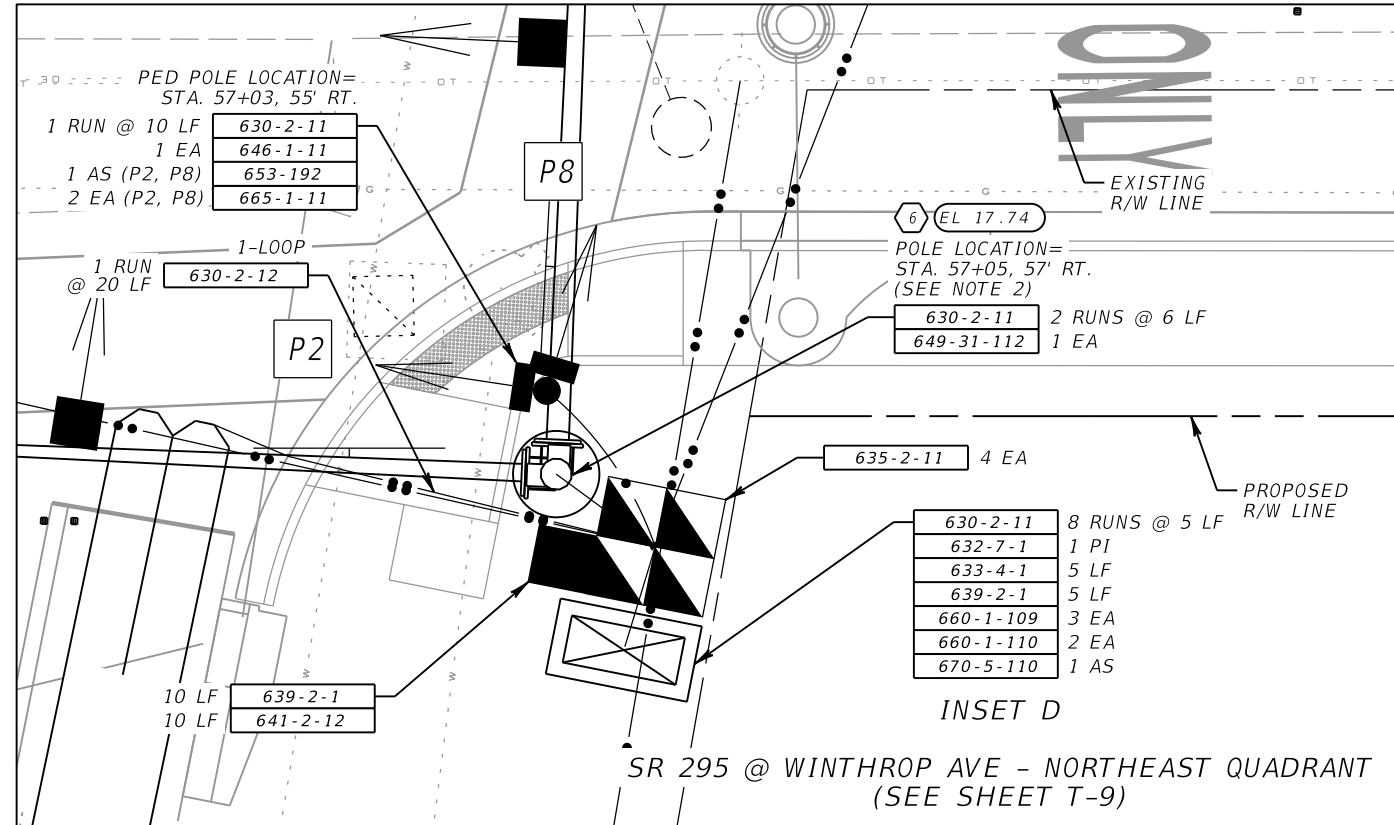
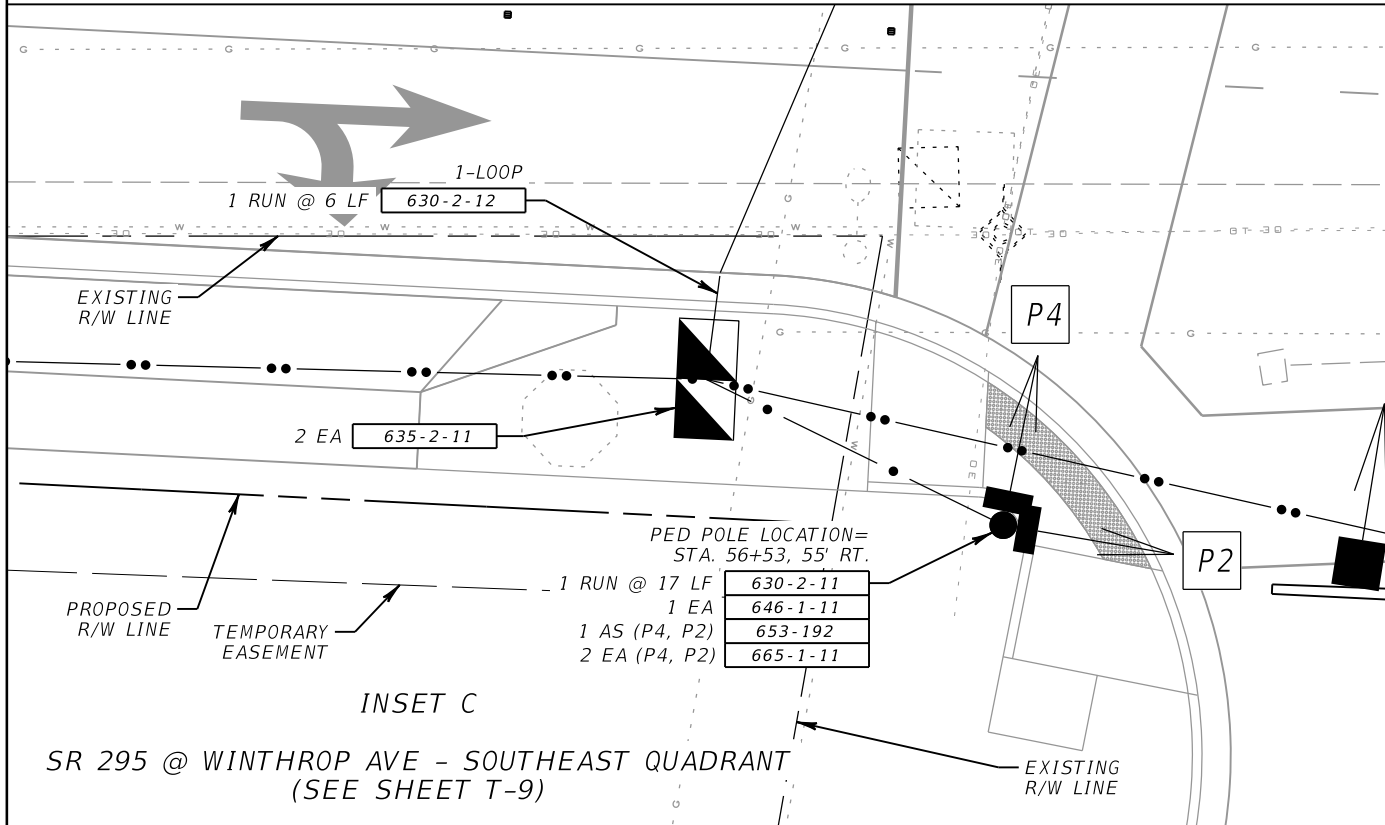
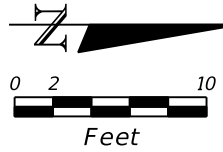
CADE BRAUD, P.E. # 64488
 METRIC ENGINEERING, INC.
 615 CRESCENT EXECUTIVE CT
 SUITE 524
 LAKE MARY, FLORIDA 32746
 TEL. (407) 644-1898
 FAX. (407) 644-2376
 CERTIFICATE OF AUTHORIZATION 2294

PLAN SHEET



NOTES:

- CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF CONCRETE MATERIAL AT MAST ARM ID #7 ENCOUNTERED DURING SUB-SURFACE UTILITY INVESTIGATION.
- CONTRACTOR TO TAKE PRECAUTIONS DURING INSTALLATION OF MAST ARM ID #6 TO PREVENT DAMAGE TO EXISTING WATER MAIN.



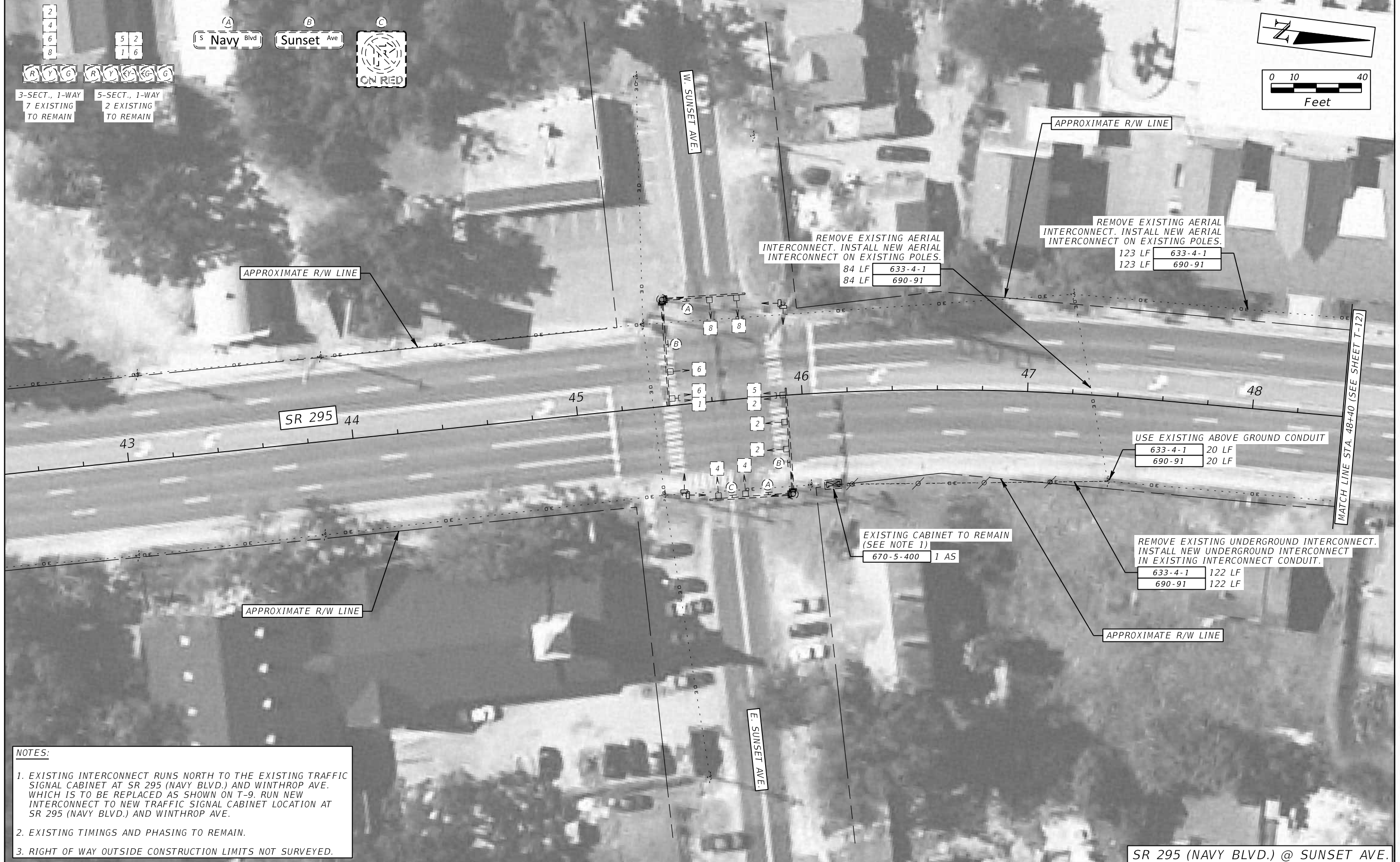
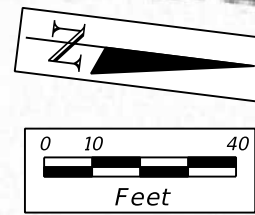
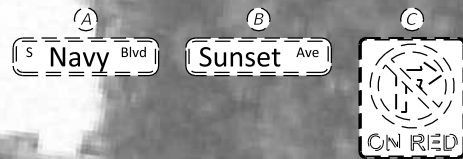
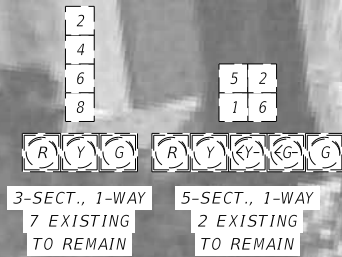
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CADE BRAUD, P.E. # 64488
METRIC ENGINEERING, INC.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
292	ESCAMBIA	409792-7-52-01

PLAN SHEET

SHEET NO.
T-10

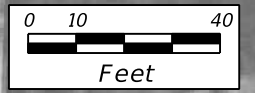


NOTES:

- EXISTING INTERCONNECT RUNS NORTH TO THE EXISTING TRAFFIC SIGNAL CABINET AT SR 295 (NAVY BLVD.) AND WINTHROP AVE. WHICH IS TO BE REPLACED AS SHOWN ON T-9. RUN NEW INTERCONNECT TO NEW TRAFFIC SIGNAL CABINET LOCATION AT SR 295 (NAVY BLVD.) AND WINTHROP AVE.
- EXISTING TIMINGS AND PHASING TO REMAIN.
- RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

SR 295 (NAVY BLVD.) @ SUNSET AVE.

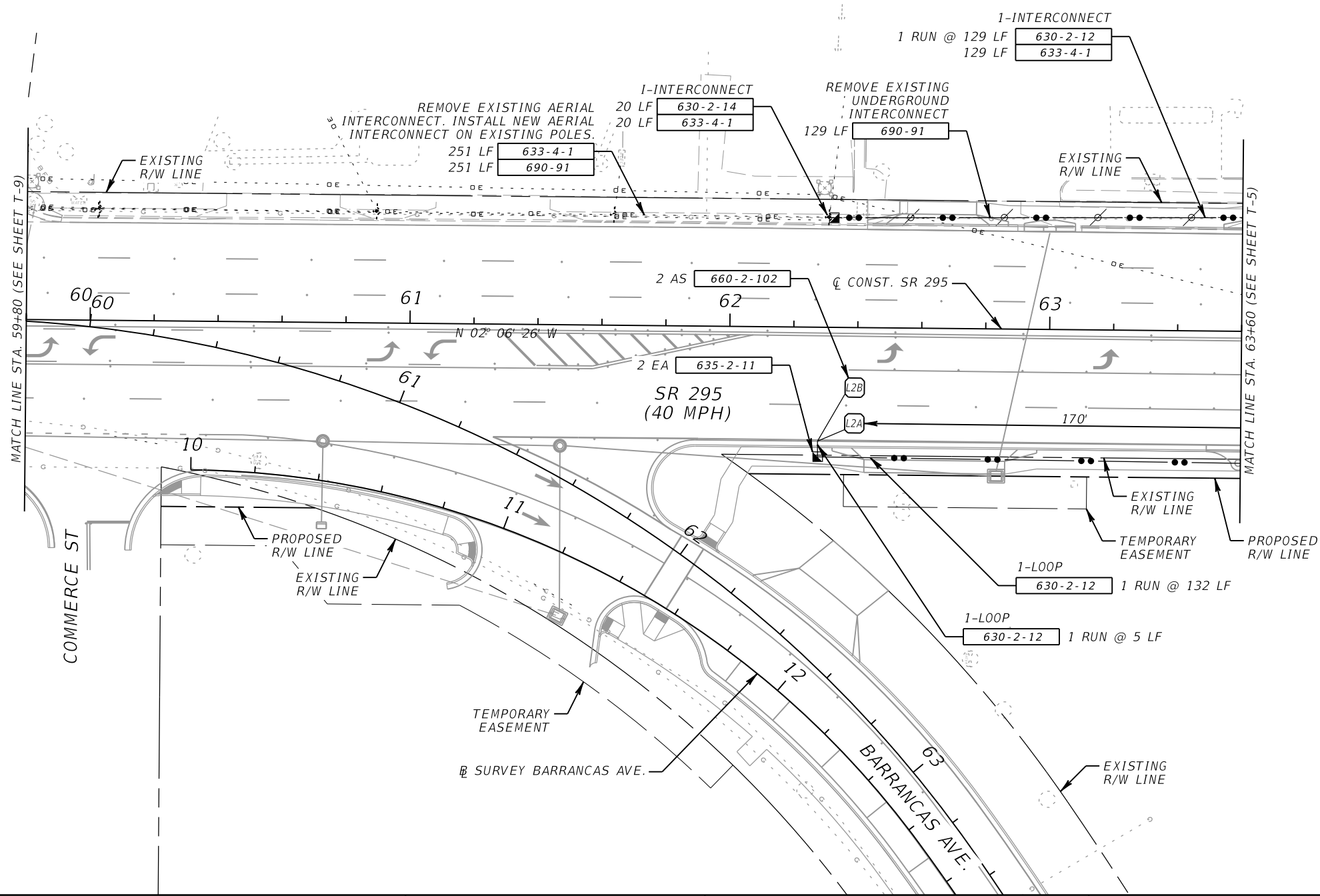
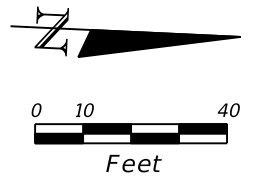
REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO. T-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		



NOTE:
1. RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

SR 295 (NAVY BLVD.) @ PALMETTO AVE.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						292	ESCAMBIA		409792-7-52-01



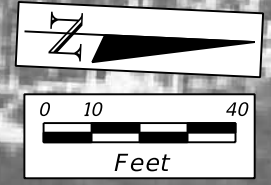
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CADE BRAUD, P.E. # 64488
 METRIC ENGINEERING, INC.
 615 CRESCENT EXECUTIVE CT
 SUITE 524
 LAKE MARY, FLORIDA 32746
 TEL. (407) 644-1898
 FAX. (407) 644-2376
 CERTIFICATE OF AUTHORIZATION 2294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
292	ESCAMBIA	409792-7-52-01

**INTERCONNECT
PLAN SHEET**

SHEET NO.
T-13



2 1
RYG FR
 3-SECT., 1-WAY
 4 EXISTING
 TO REMAIN

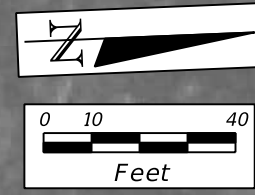
A
 EMERGENCY
 SIGNAL

REMOVE EXISTING AERIAL
 INTERCONNECT. INSTALL NEW AERIAL
 INTERCONNECT ON EXISTING POLES.
633-4-1 555 LF
690-91 555 LF



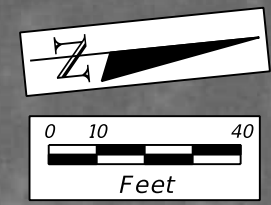
NOTE:
 1. RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-14



NOTE:
1. RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						292	ESCAMBIA		409792-7-52-01



NOTE:
1. RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						292	ESCAMBIA		409792-7-52-01



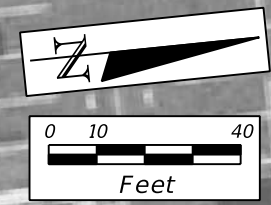
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CADE BRAUD, P.E. # 64488
 METRIC ENGINEERING, INC.
 615 CRESCENT EXECUTIVE CT
 SUITE 524
 LAKE MARY, FLORIDA 32746
 TEL. (407) 644-1898
 FAX. (407) 644-2376
 CERTIFICATE OF AUTHORIZATION 2294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
292	ESCAMBIA	409792-7-52-01

**INTERCONNECT
PLAN SHEET**

SHEET NO.
T-17



REMOVE EXISTING AERIAL INTERCONNECT. INSTALL NEW AERIAL INTERCONNECT ON EXISTING POLES.

556 LF 633-4-1
556 LF 690-91

APPROXIMATE R/W LINE

APPROXIMATE R/W LINE

SR 295 (NAVY BLVD.) (40 MPH)

MATCH LINE (SEE SHEET T-17)

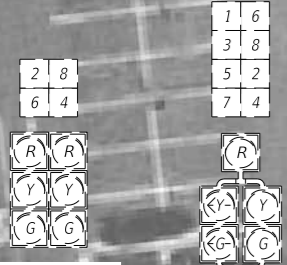
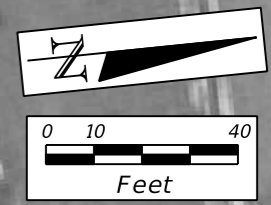
MATCH LINE (SEE SHEET T-19)

APPROXIMATE R/W LINE

APPROXIMATE R/W LINE

NOTE:
1. RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-18
					292	ESCAMBIA	409792-7-52-01		



3-SECT., 2-WAY
2 EXISTING
TO REMAIN

5-SECT., 1-WAY
4 EXISTING
TO REMAIN

APPROXIMATE R/W LINE

REMOVE EXISTING AERIAL
INTERCONNECT. INSTALL NEW AERIAL
INTERCONNECT ON EXISTING POLES.

633-4-1 28 LF
690-91 28 LF

REMOVE EXISTING AERIAL
INTERCONNECT. INSTALL NEW AERIAL
INTERCONNECT ON EXISTING SPAN.

633-4-1 33 LF
690-91 33 LF

APPROXIMATE R/W LINE

MATCH LINE (SEE SHEET T-18)

WAL-MART ENTRANCE

SR 295 (NAVY BLVD.) (40 MPH)

REMOVE EXISTING AERIAL
INTERCONNECT. INSTALL NEW AERIAL
INTERCONNECT ON EXISTING SPAN.

633-4-1 148 LF
690-91 148 LF

EXISTING CABINET
TO REMAIN (SEE NOTE 1)

670-5-400 1 AS

REMOVE EXISTING UNDERGROUND INTERCONNECT.
INSTALL NEW UNDERGROUND INTERCONNECT
IN EXISTING INTERCONNECT CONDUIT.

633-4-1 7 LF
690-91 7 LF

APPROXIMATE R/W LINE

APPROXIMATE R/W LINE

SOUTHGATE PLAZA SHOPPING CENTER ENTRANCE

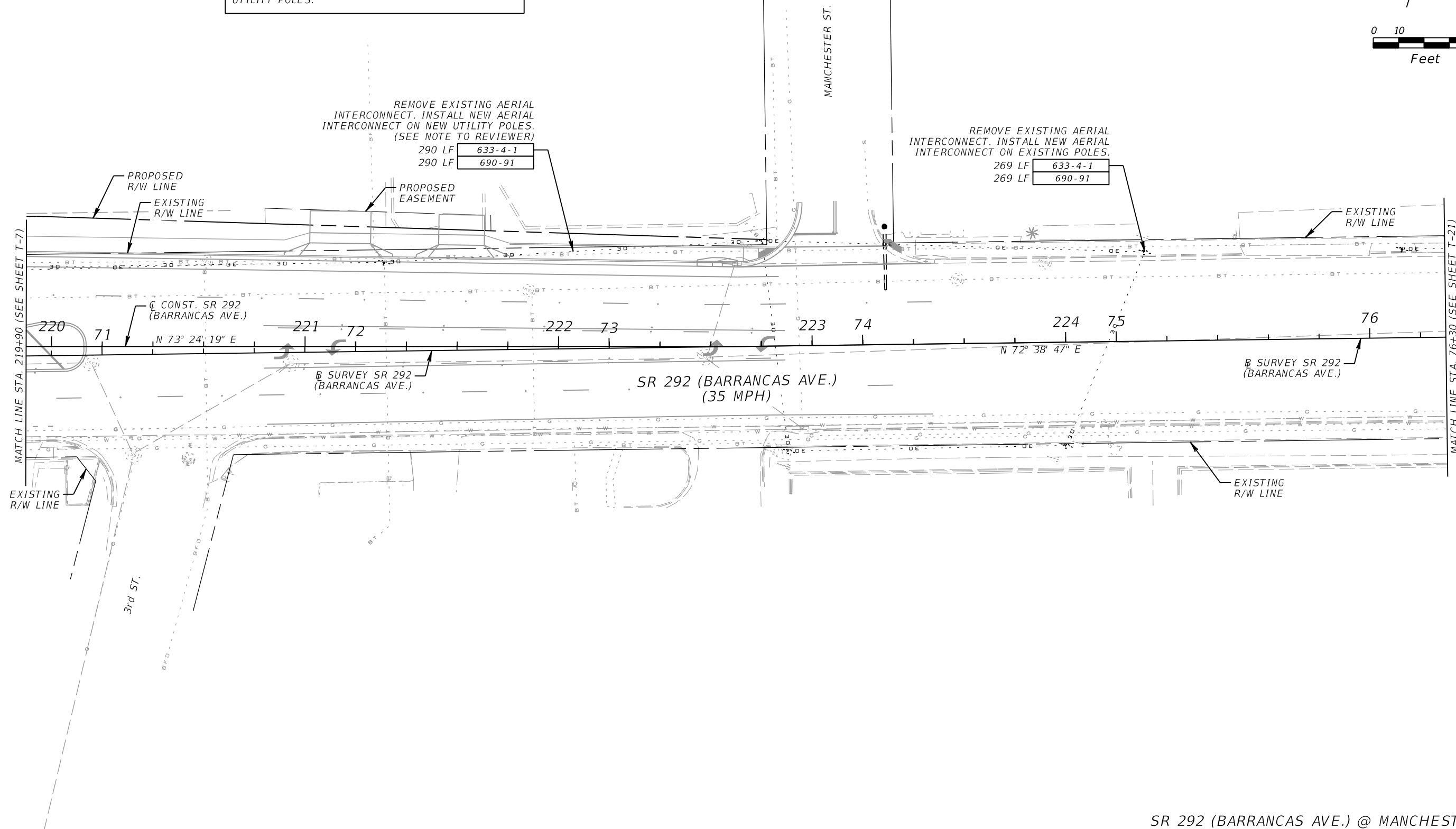
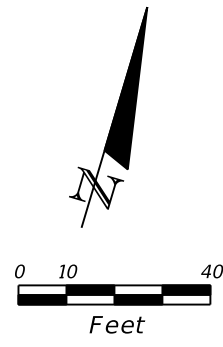
USE EXISTING ABOVE GROUND CONDUIT

633-4-1 20 LF
690-91 20 LF

NOTES:
1. EXISTING INTERCONNECT RUNS SOUTH TO THE EXISTING TRAFFIC SIGNAL CABINET AT SR 295 (NAVY BLVD.) AND SR 292 (GULF BEACH HWY.) WHICH IS TO BE REPLACED AS SHOWN ON T-5. RUN NEW INTERCONNECT TO NEW TRAFFIC SIGNAL CABINET LOCATION AT SR 295 (NAVY BLVD.) AND SR 292 (GULF BEACH HWY.)
2. EXISTING TIMINGS AND PHASING TO REMAIN.
3. RIGHT OF WAY OUTSIDE CONSTRUCTION LIMITS NOT SURVEYED.

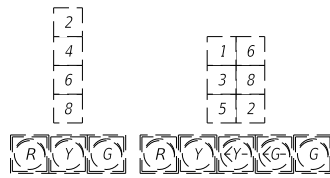
REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						292	ESCAMBIA		409792-7-52-01

NOTE TO REVIEWER:
 1. LOCATION OF NEW UTILITY POLES TO BE SHOWN IN NEXT SUBMITTAL FOLLOWING RECEIPT OF UTILITY WORK SCHEDULES FOR REPLACEMENT OF EXISTING UTILITY POLES.



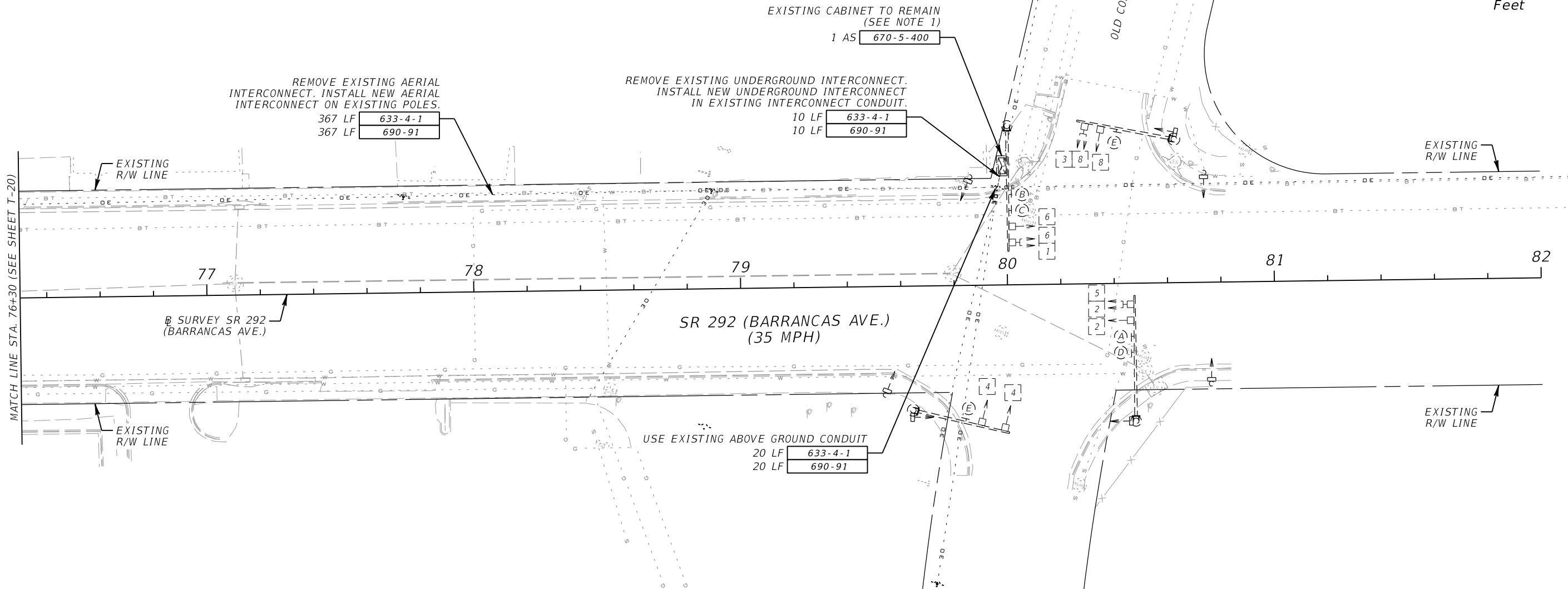
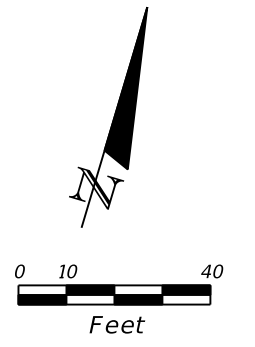
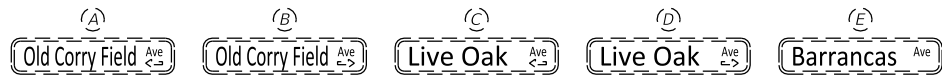
SR 292 (BARRANCAS AVE.) @ MANCHESTER ST.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		T-20



3-SECT., 1-WAY
5 EXISTING
TO REMAIN

5-SECT., 1-WAY
3 EXISTING
TO REMAIN



- NOTES:**
- EXISTING INTERCONNECT RUNS WEST TO THE EXISTING TRAFFIC SIGNAL CABINET AT SR 292 (GULF BEACH HWY.) AND BARRANCAS AVE WHICH IS TO BE REPLACED AS SHOWN ON T-7). RUN NEW INTERCONNECT TO NEW TRAFFIC SIGNAL CABINET LOCATION AT 292 (GULF BEACH HWY.) AND BARRANCAS AVE.
 - EXISTING TIMINGS AND PHASING TO REMAIN.

SR 292 (BARRANCAS AVE.) @ OLD CORRY FIELD ROAD

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERCONNECT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		T-21

STANDARD MAST ARM ASSEMBLIES DATA TABLE																	Table Date 01-01-12		
STRUCTURE ID NUMBERS	ASSEMBLY NUMBERS ⁽¹⁾	FIRST ARM			SECOND ARM			UF (deg)	LL (deg)	POLE				SPECIAL DRILLED SHAFT ⁽⁴⁾					
		ARM TYPE	FAA ⁽²⁾ (ft.)	FBA ⁽²⁾ (in.)	ARM TYPE	FAA ⁽²⁾ (ft.)	FBA ⁽²⁾ (in.)			POLE TYPE	UAA ⁽³⁾ (ft.)	UB (ft.)	UCA ⁽³⁾ (in.)	DA (ft.)	DB (ft.)	RA	RB	RC	RD (in.)
1	D6-S4	D6								S4	23.0	21.0	22.81						
2	D5-S3	D5								S3	23.0	21.0	17.81						
3	D6-S4	D6								S4	22.0	20.0	22.95						
4	D5-S3	D5								S3	22.0	20.0	17.95						
5	D5-S3	D5								S3	22.0	20.0	17.95						
6	D5-D2-S3	D5			D2					S3	22.0	19.5	17.95						
7	D5-D2-S3	D5			D2					S3	22.0	20.5	17.95						

TABLE NOTES:

1. Assembly Number Legend

Single Arm:

Arm Type - Pole Type = D# - S#
= E# - T#

Double Arm:

First Arm Type - Second Arm Type - Pole Type = D# - D# - S#
= E# - E# - T#

- If an entry appears in columns "FAA" and "FBA", a shorter arm is required. This is obtained by removing length from the arm tip. For these cases the mast arm length shall be shortened from "FA" to "FAA" and the tip diameter shall be increased from "FB" to "FBA".
- If an entry appears in columns "UAA" and "UCA", a shorter pole is required. This is obtained by removing length from the pole tip. For these cases the pole height shall be shortened from "UA" to "UAA" and the pole tip diameter shall be increased from "UC" to "UCA".
- The foundations for Standard Mast Arm Assemblies are pre-designed and are based upon the following conservative soil criteria which covers the great majority of soil types found in Florida. Only complete the "Special Drilled Shaft" data information if site conditions dictate drilled shafts with additional foundation capacity.

Classification = Cohesionless (Fine Sand)
Friction Angle = 30 Degrees (30°)
Unit Weight = 50 lbs. / cu. ft. (assumed saturated)

GENERAL NOTES:

- Work this sheet with the Signal Designer's "Mast Arm Tabulation". See "Mast Arm Tabulation" for special instructions that include non-standard Handhole location, paint color, terminal compartment requirement, and pedestrian features.
- Work with Index Nos. 17743 and 17745.

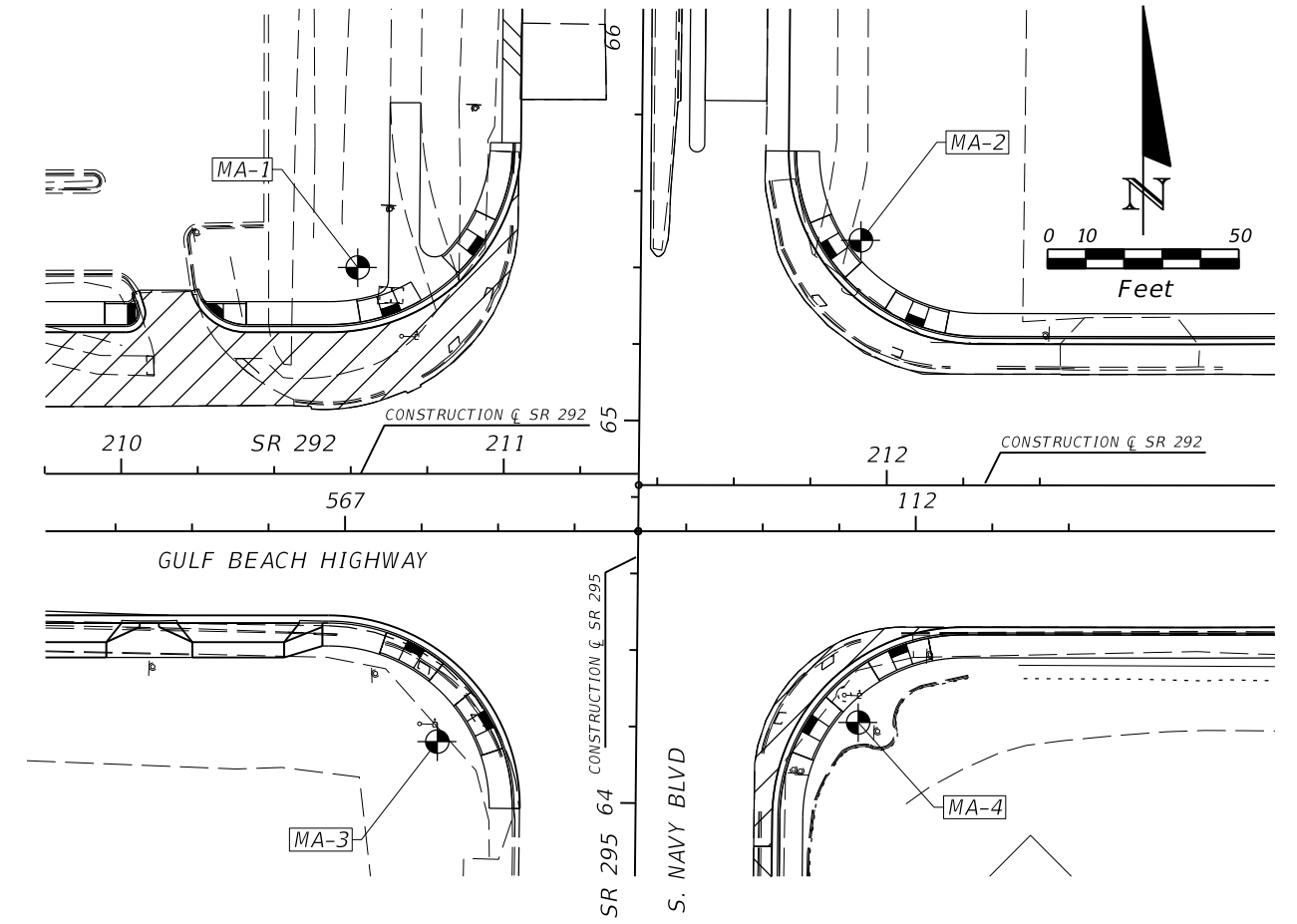
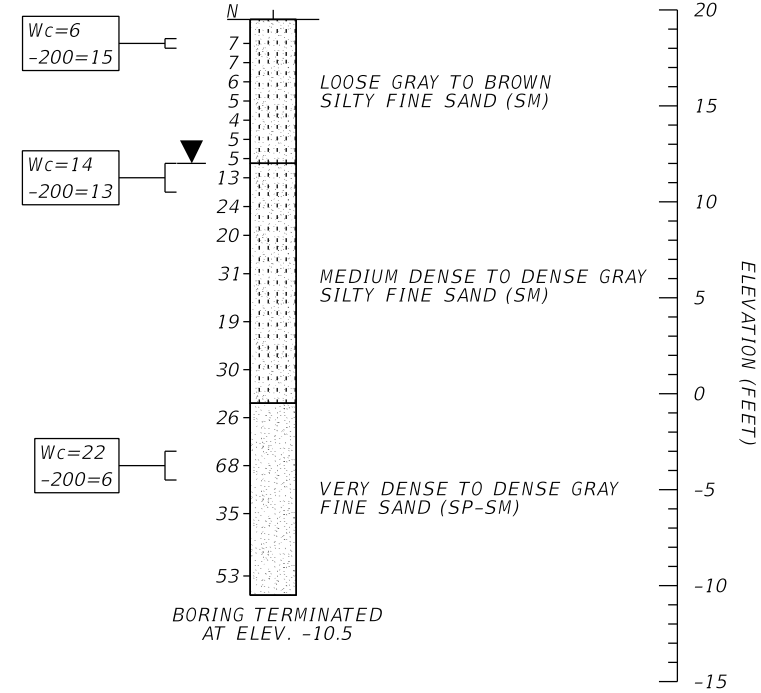
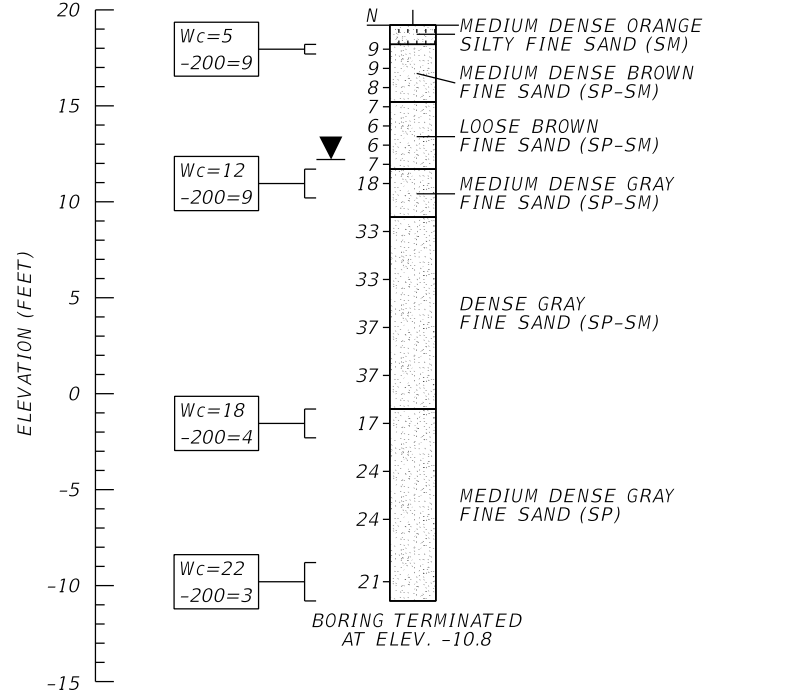
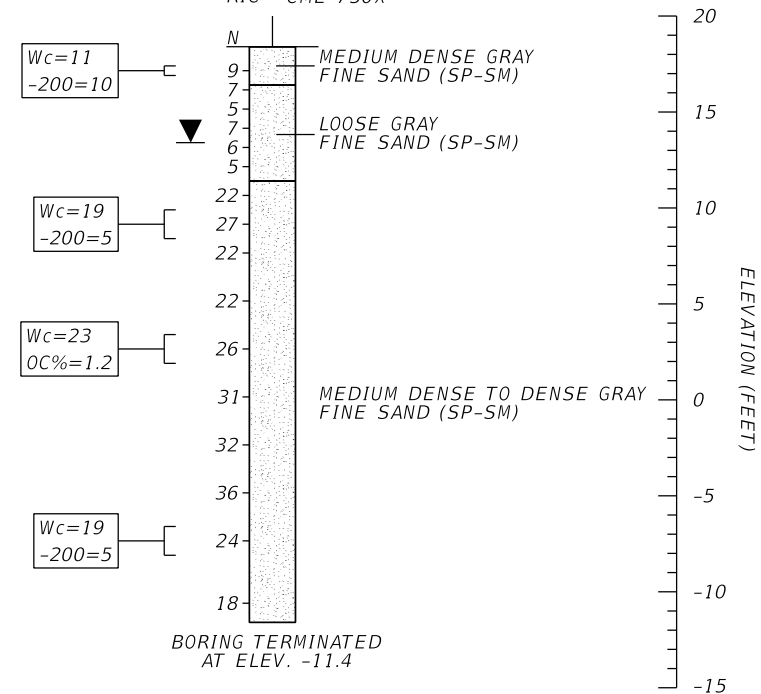
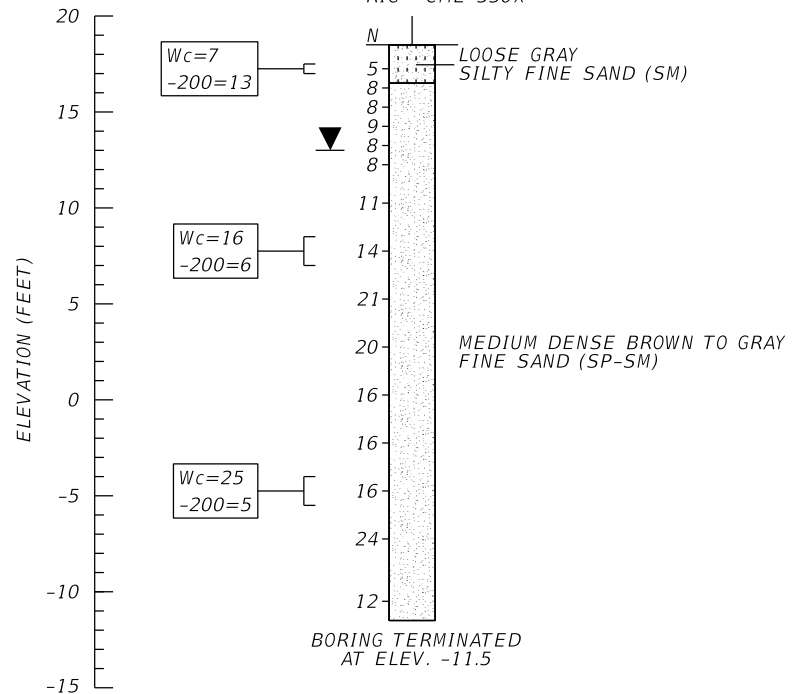
REVISIONS				DOUGLAS J. RUGGIANO, P.E. # 51497 METRIC ENGINEERING, INC. 13940 S.W. 136 STREET SUITE 200 MIAMI, FLORIDA 33186 TEL. (305) 235-5098 FAX. (305) 251-5894 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STANDARD MAST ARM ASSEMBLIES DATA TABLE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		T-23

BOR # MA-1
 STA. 210+62
 REF. CONSTRUCTION C SR 292
 OFFSET. 54.0 FEET LEFT
 ELEV. 18.5 FEET
 DATE 7/12/2013
 DRILLER R. ROGERS
 HAMMER AUTOMATIC
 RIG CME-550X

BOR # MA-2
 STA. 211+93
 REF. CONSTRUCTION C SR 292
 OFFSET. 64.0 FEET LEFT
 ELEV. 18.4 FEET
 DATE 7/11/2013
 DRILLER W. DUNLAP
 HAMMER AUTOMATIC
 RIG CME-750X

BOR # MA-3
 STA. 210+83
 REF. CONSTRUCTION C SR 292
 OFFSET. 70.0 FEET RIGHT
 ELEV. 19.2 FEET
 DATE 7/11/2013
 DRILLER R. ROGERS
 HAMMER AUTOMATIC
 RIG CME-550X

BOR # MA-4
 STA. 211+92
 REF. CONSTRUCTION C SR 292
 OFFSET. 62.0 FEET RIGHT
 ELEV. 19.2 FEET
 DATE 7/11/2013
 DRILLER W. DUNLAP
 HAMMER AUTOMATIC
 RIG CME-750



NOTES

1. NUMBERS LEFT OF THE BORING INDICATE STANDARD PENETRATION TEST (SPT) N-VALUES FOR 12 IN. PENETRATION (UNLESS OTHERWISE NOTED)
2. WATER ELEVATIONS SHOWN ARE THE WATER ELEVATIONS ENCOUNTERED, FLUCTUATIONS IN THE DEPTH OF WATER SHOULD BE EXPECTED.
3. SOIL DESCRIPTIONS, TEST DATA, AND STANDARD PENETRATION VALUES SHOWN ARE FOR THE SOIL BORING ONLY AND MAY NOT APPLY TO ANY OTHER LOCATIONS EXCEPT AT THE LOCATION OF THE SOIL BORING. EXTRAPOLATION OF THE SOIL BORING DATA TO OTHER LOCATIONS IS THE SOLE RESPONSIBILITY OF THE PERSON PERFORMING THE EXTRAPOLATION.

SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.
 OUTSIDE DIAMETER: 2.0 in.
 AVG. HAMMER DROP: 30.0 in.
 HAMMER WEIGHT: 140 lbs.

AUTOMATIC HAMMER		SILTS AND CLAYS	
Granular Materials	SPT (blows/12 in.)	Consistency	SPT (blows/12 in.)
Very Loose	Less than 3	Very Soft	Less than 1
Loose	3 - 8	Soft	1 - 3
Medium Dense	8 - 24	Firm	3 - 6
Dense	24 - 40	Stiff	6 - 12
Very Dense	Greater than 40	Very Stiff	12 - 24
		Hard	Greater than 24

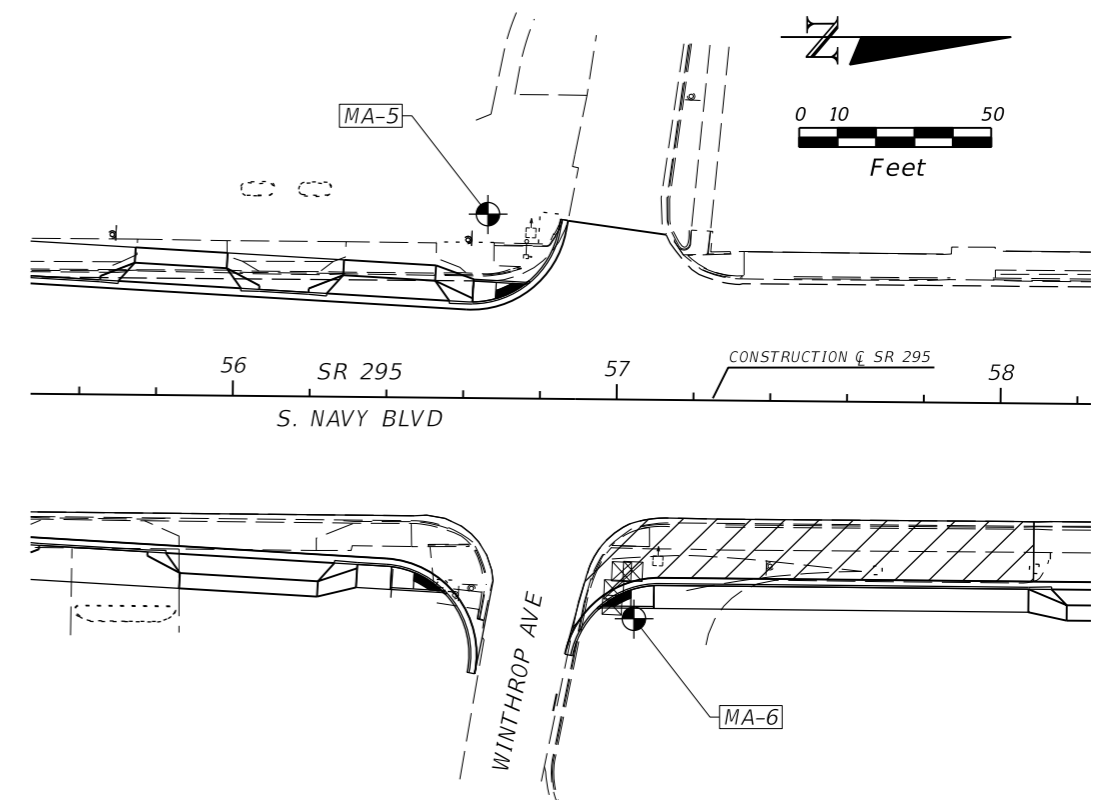
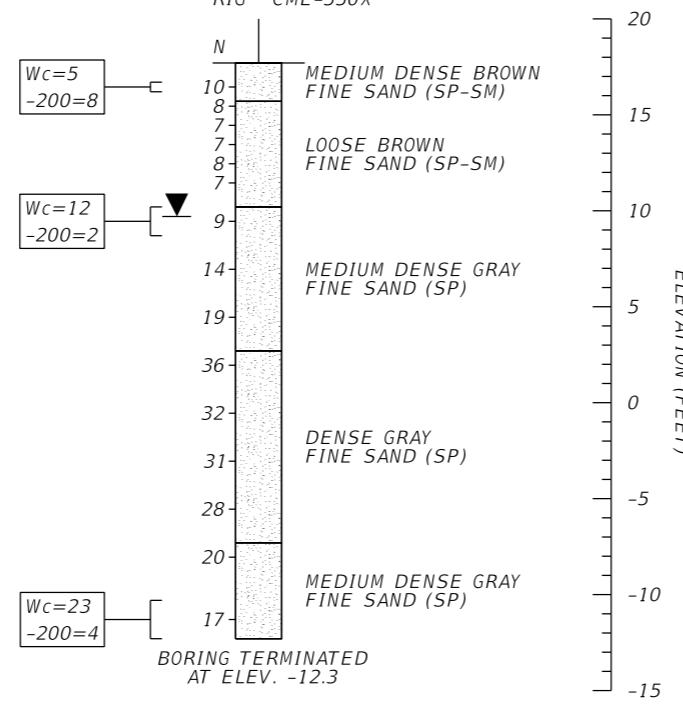
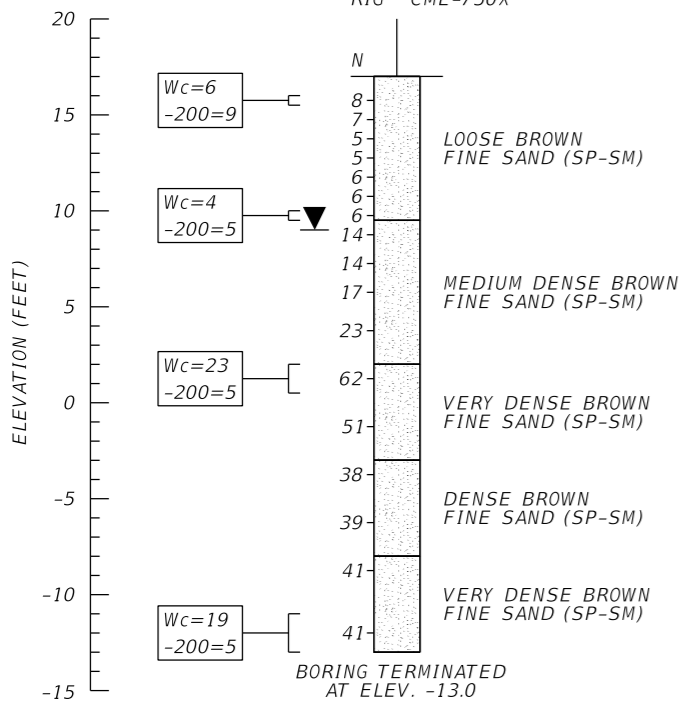
LEGEND

- SOIL BORING LOCATION:
- MEASURED GROUNDWATER:
- LABORATORY TESTING RESULTS:
- WATER CONTENT: Wc=
- 200 SIEVE: -200=
- % ORGANIC: OC%=
- FINE SAND (SP/SP-SM):
- SILTY FINE SAND (SM):
- (SM) UNIFIED SOIL CLASSIFICATION GROUP SYMBOL

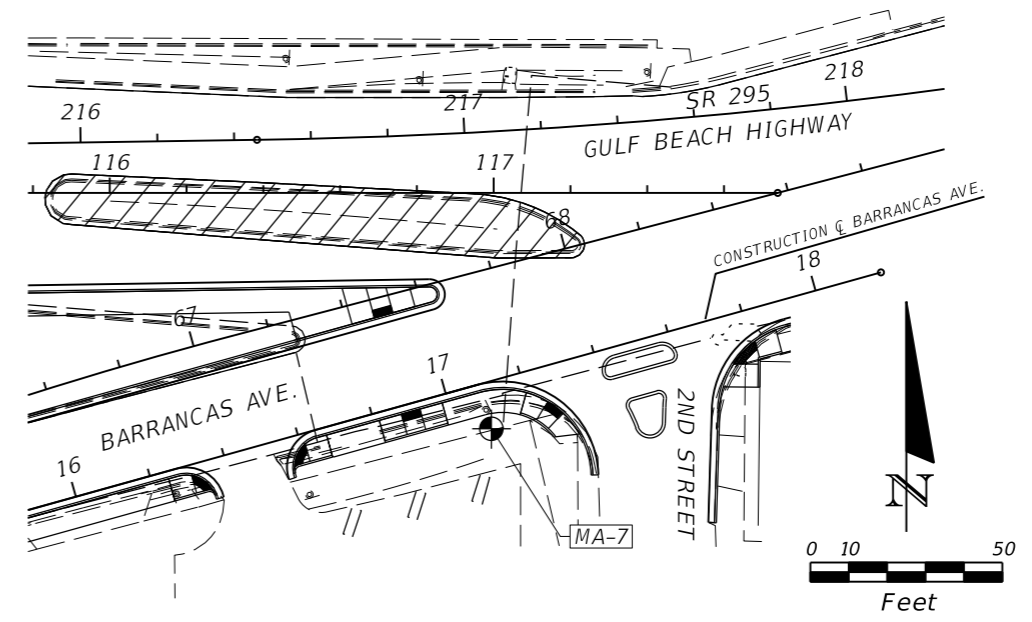
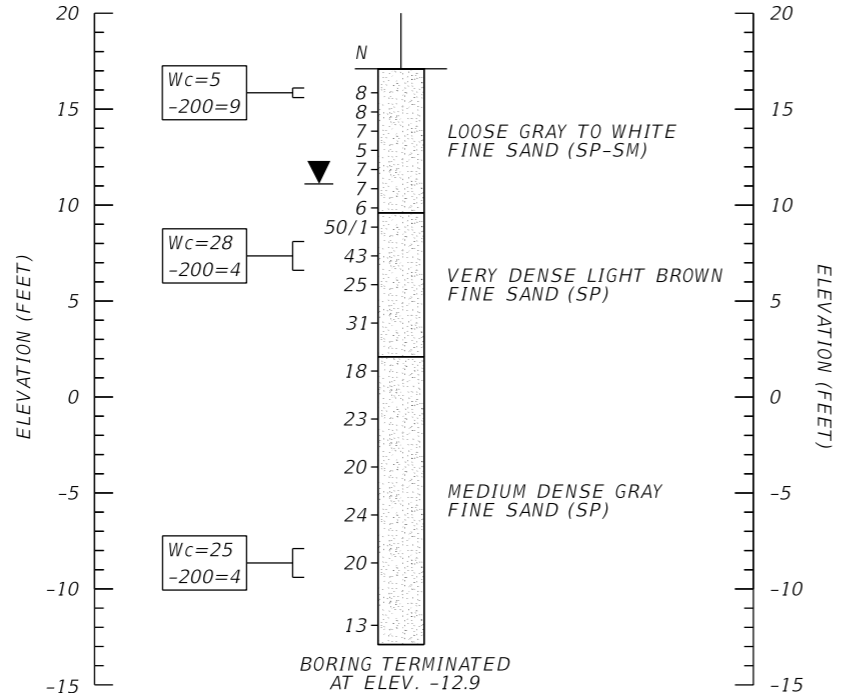
REVISIONS				DERWOOD C. SHEPPARD, JR., P.E. P.E. NO.: 69229 Environmental & Geotechnical Specialists, Inc. 104 North Magnolia Drive Tallahassee, Florida 32301 Office : (850) 386-1253 Fax : (850) 385-8050 Certificate of Authorization: 6222	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REPORT OF CORE BORINGS (1 OF 2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		T-24

BOR # MA-5
 STA. 56+66
 REF. CONSTRUCTION C SR 295
 OFFSET. 48.0 FEET LEFT
 ELEV. 17.0 FEET
 DATE 7/12/2013
 DRILLER W. DUNLAP
 HAMMER AUTOMATIC
 RIG CME-750X

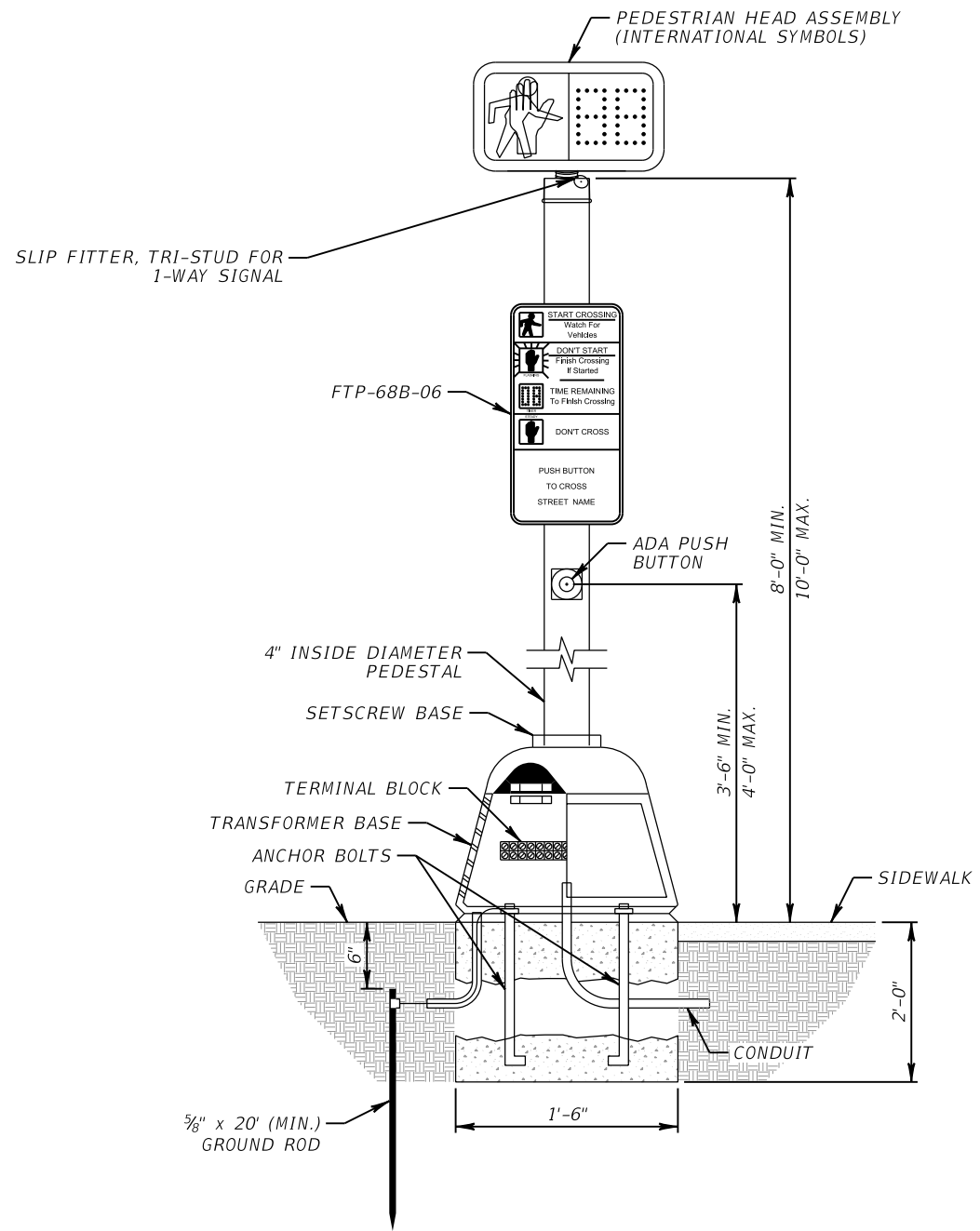
BOR # MA-6
 STA. 56+97
 REF. CONSTRUCTION C SR 295
 OFFSET. 68.0 FEET RIGHT
 ELEV. 17.7 FEET
 DATE 7/12/2013
 DRILLER R. ROGERS
 HAMMER AUTOMATIC
 RIG CME-550X



BOR # MA-7
 STA. 17+09
 REF. CONSTRUCTION C BARRANCAS AVE.
 OFFSET. 12.0 FEET RIGHT
 ELEV. 17.1 FEET
 DATE 7/11/2013
 DRILLER W. DUNLAP
 HAMMER AUTOMATIC
 RIG CME-750X



REVISIONS				DERWOOD C. SHEPPARD, JR. P.E. P.E. NO.: 69229 Environmental & Geotechnical Specialists, Inc. 104 North Magnolia Drive Tallahassee, Florida 32301 Office: (850) 386-1253 Fax: (850) 385-8050 Certificate of Authorization: 6222	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REPORT OF CORE BORINGS (2 OF 2)	SHEET NO. T-25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					292	ESCAMBIA	409792-7-52-01		



**PEDESTRIAN SIGNAL PEDESTAL DETAIL
(NTS)**

NOTES:

1. PEDESTRIAN DETECTOR, PEDESTRIAN SIGN, AND PEDESTRIAN SIGNAL SHALL BE ORIENTED FACING THE CROSSWALK THAT THEY SERVICE, UNLESS NOTED OTHERWISE.

REVISIONS				CADE BRAUD, P.E. # 64488 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 524 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PEDESTRIAN SIGNAL PEDESTAL DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-26
					292	ESCAMBIA	409792-7-52-01		