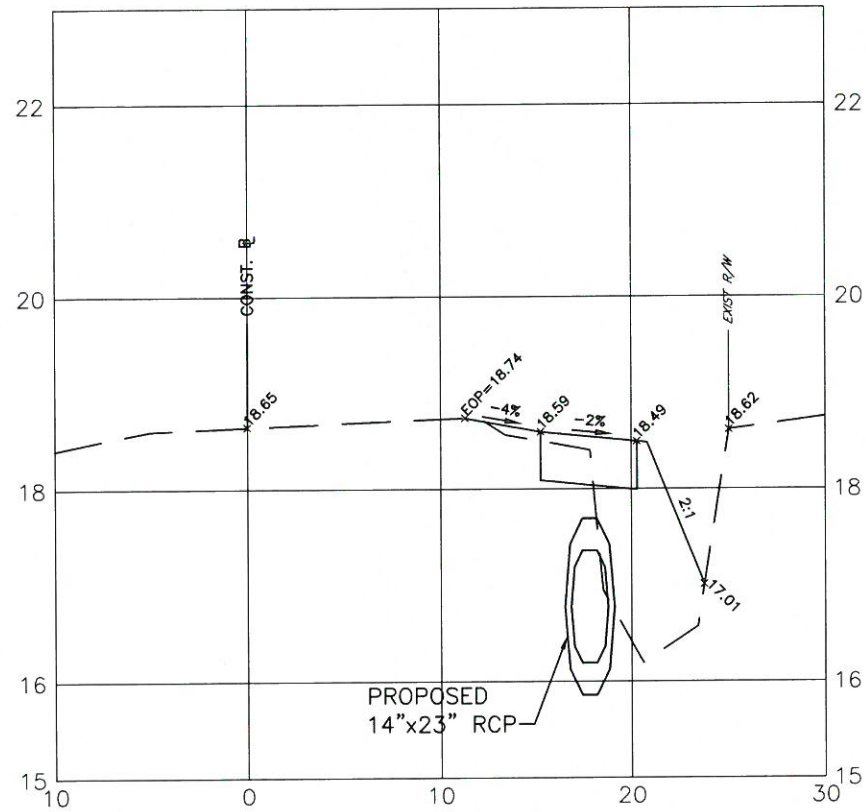
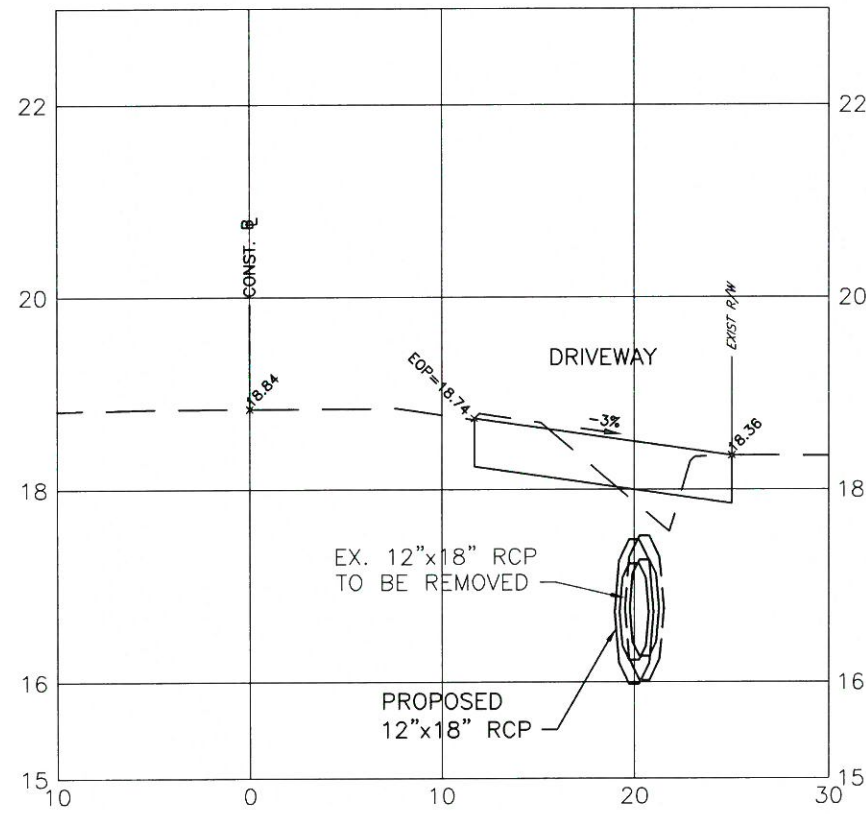


12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
CROSS SECTIONS - Sta. 25+00 thru Sta. 27+50

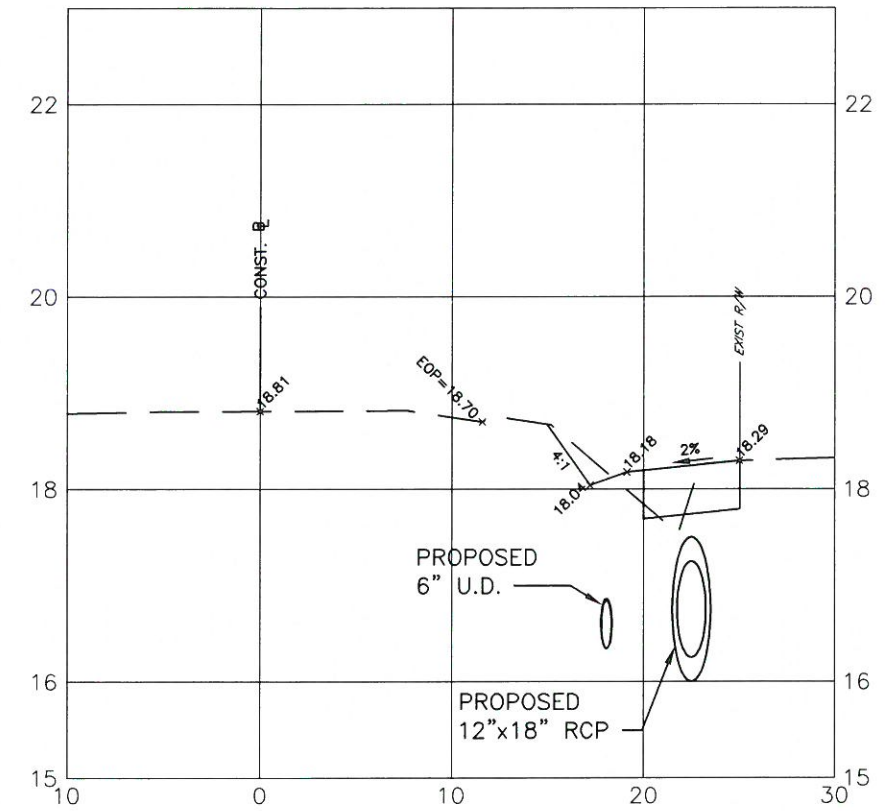
25+00



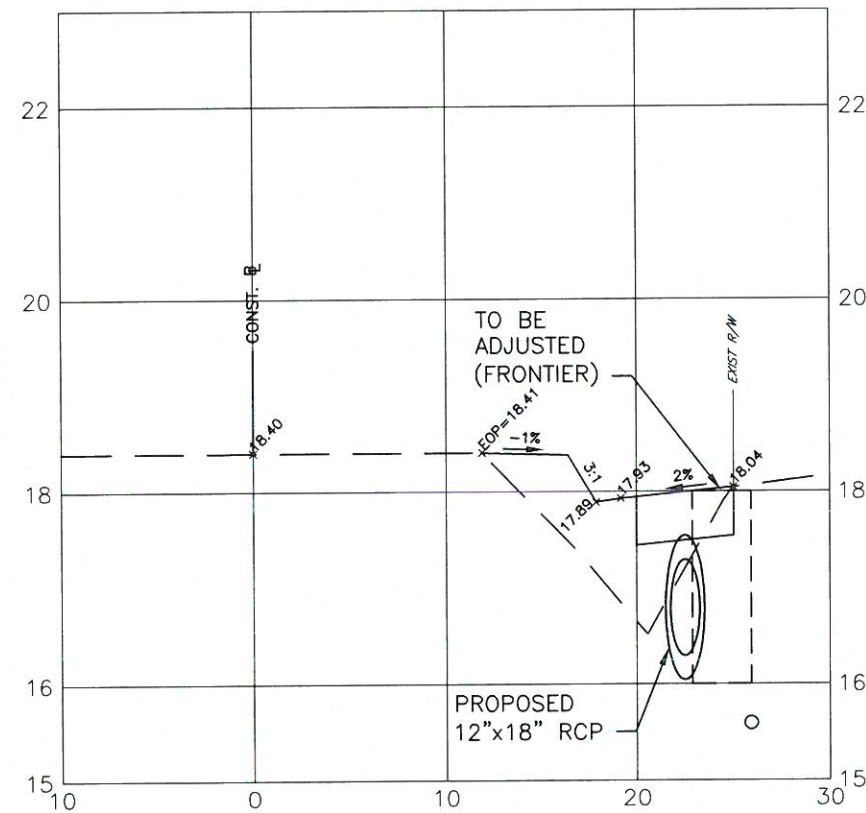
25+50



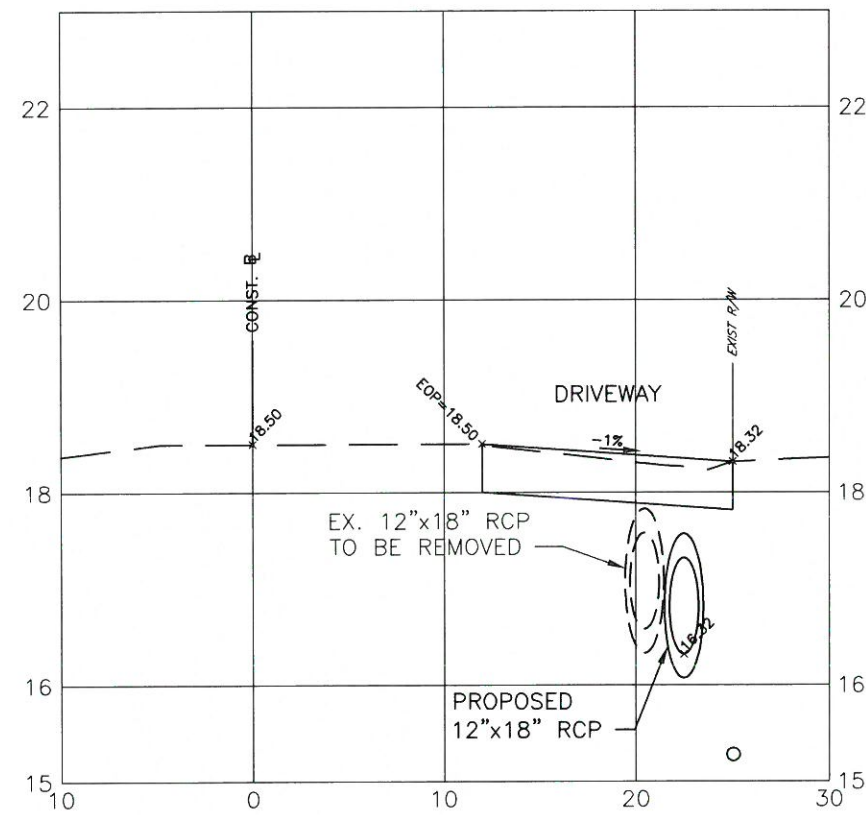
26+00



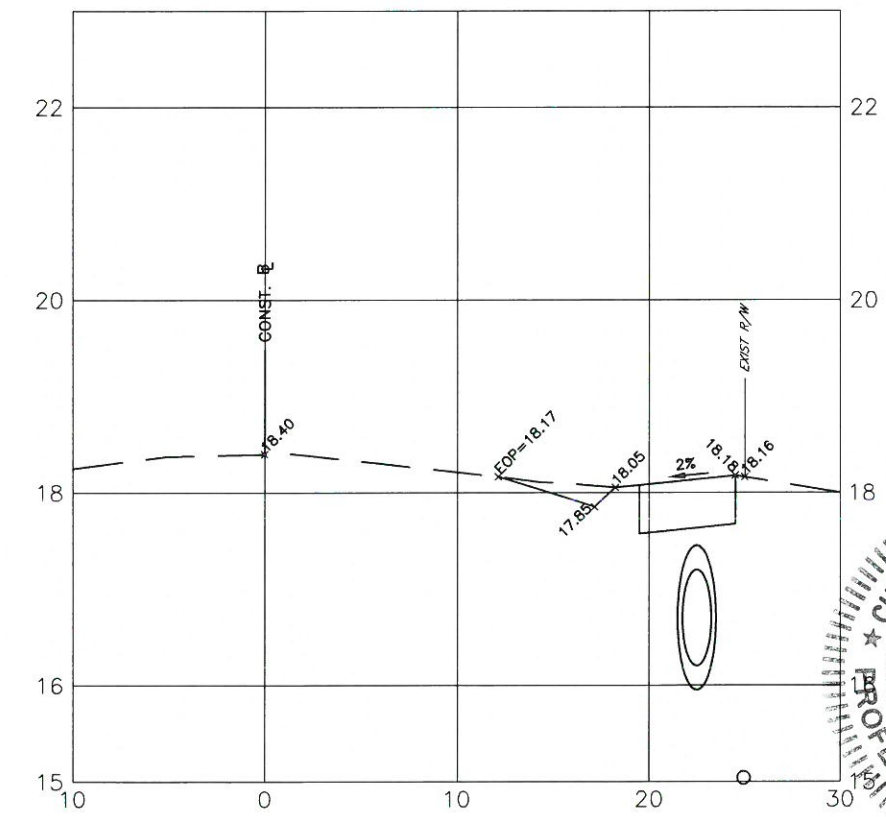
26+50



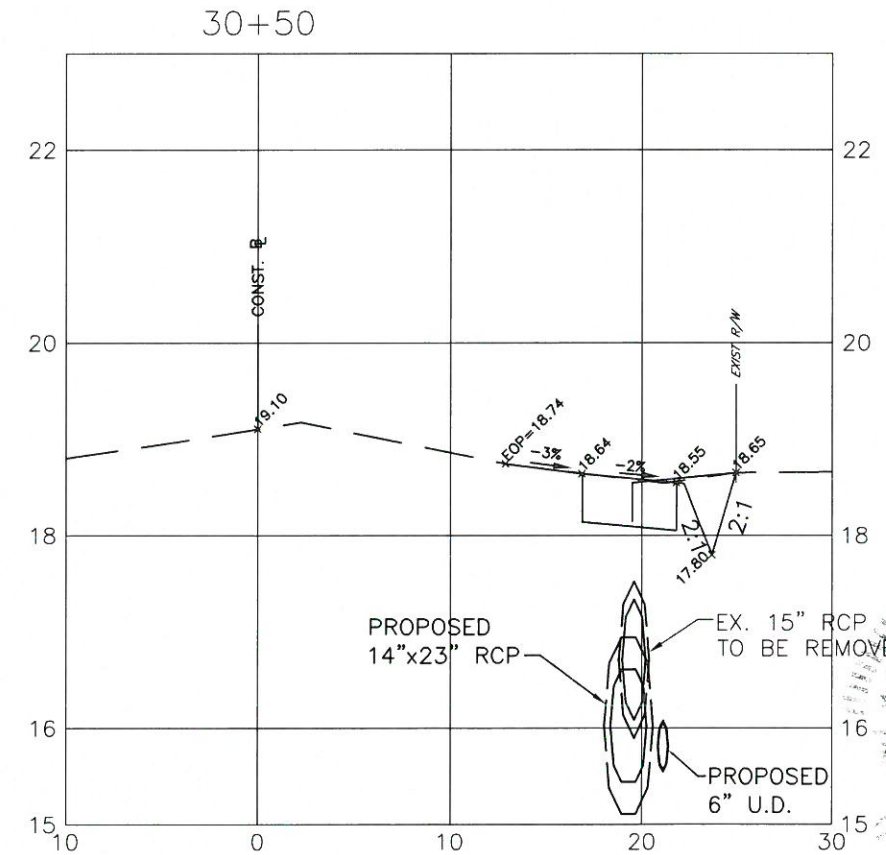
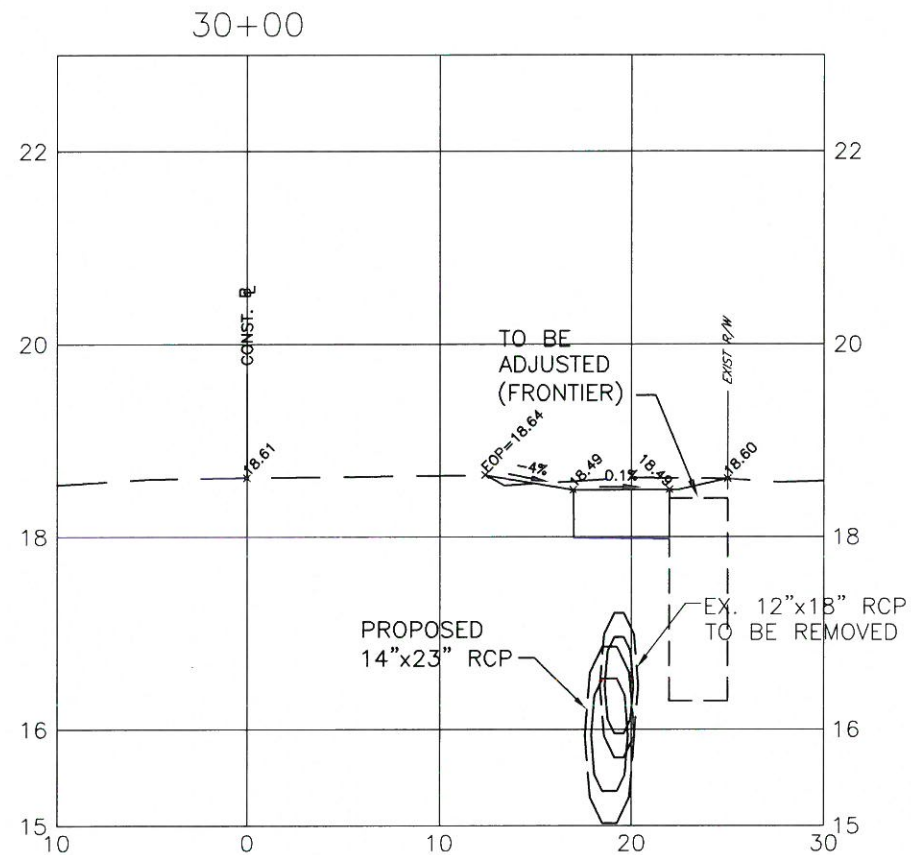
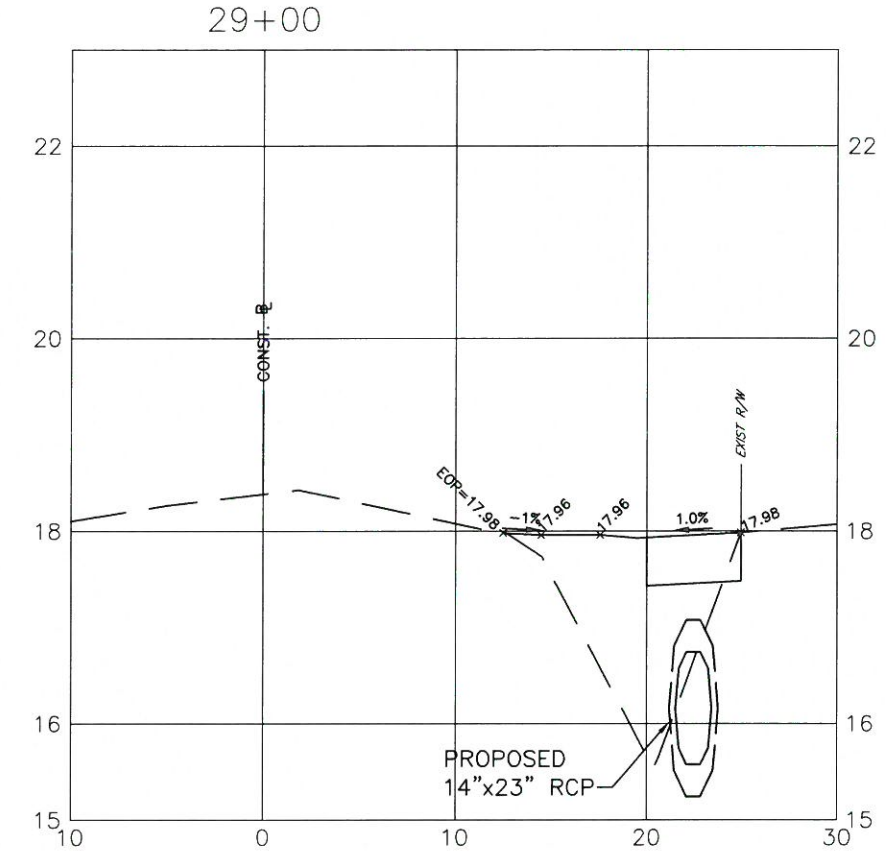
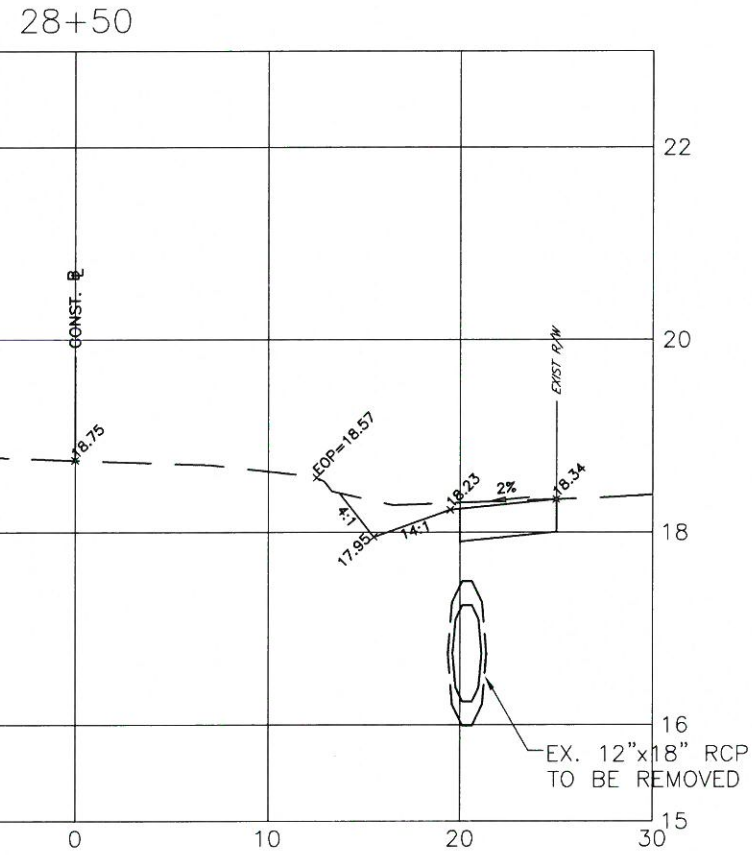
27+00



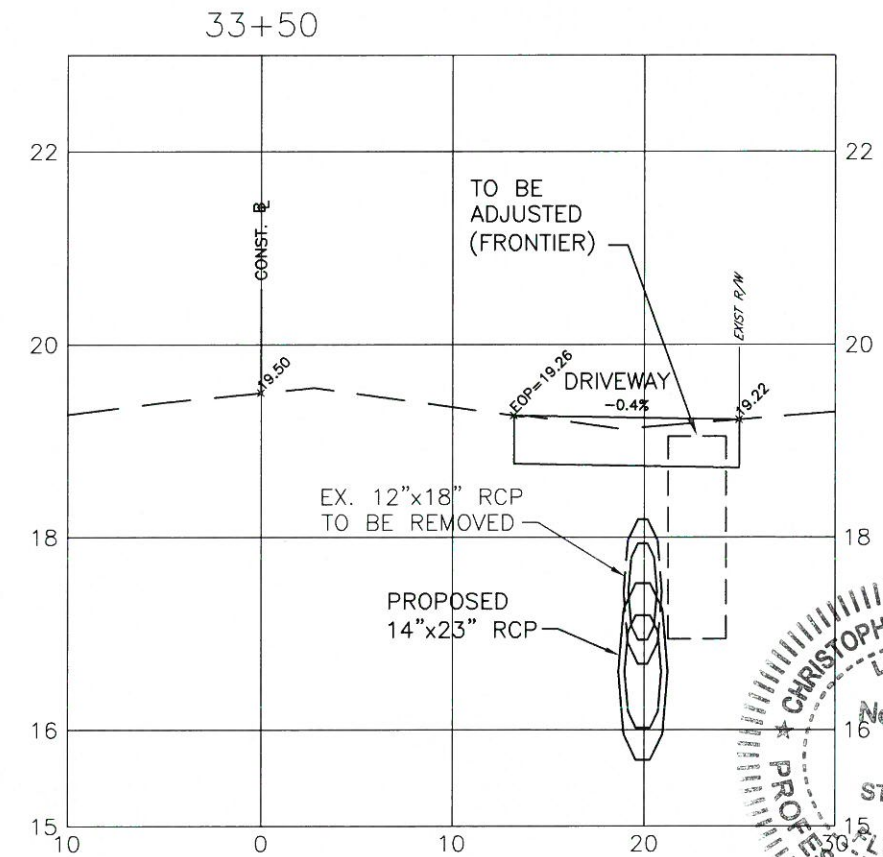
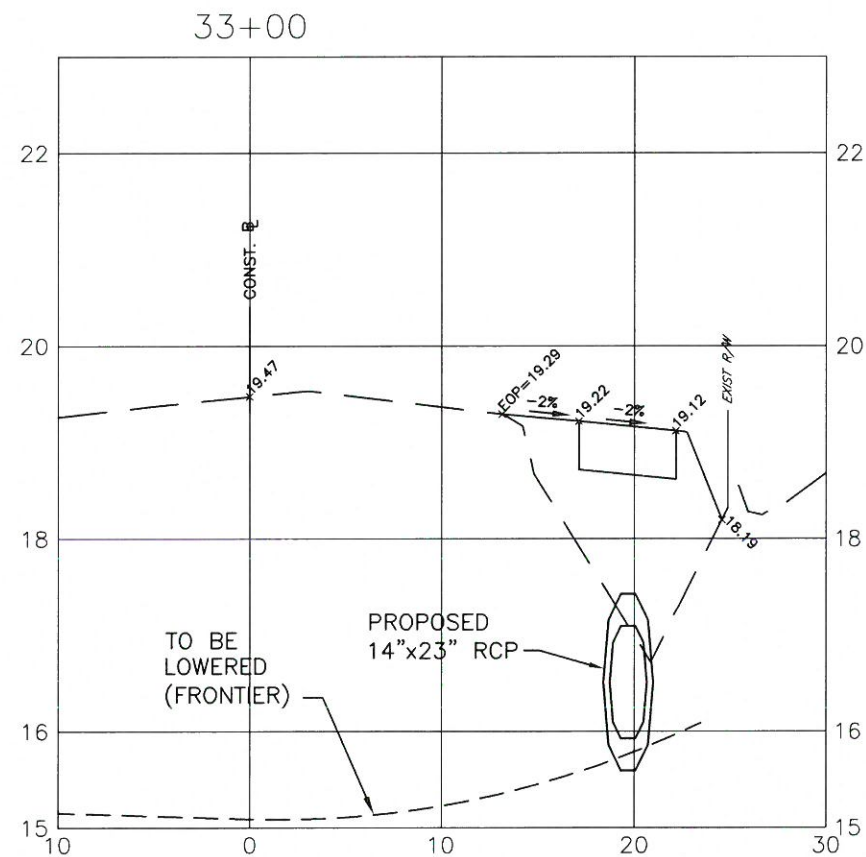
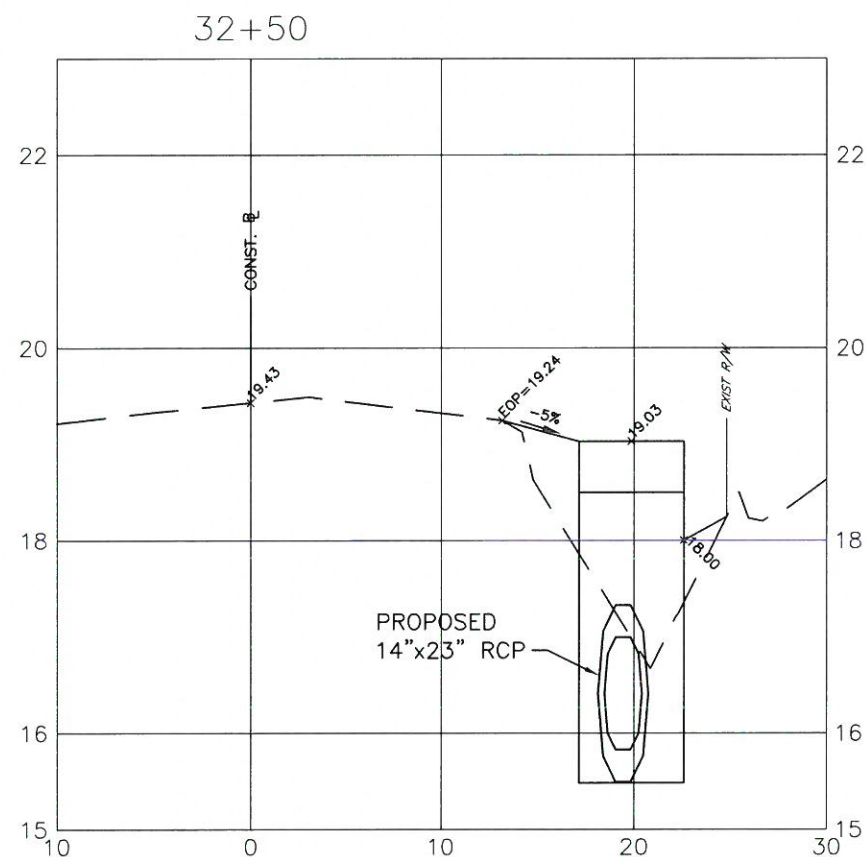
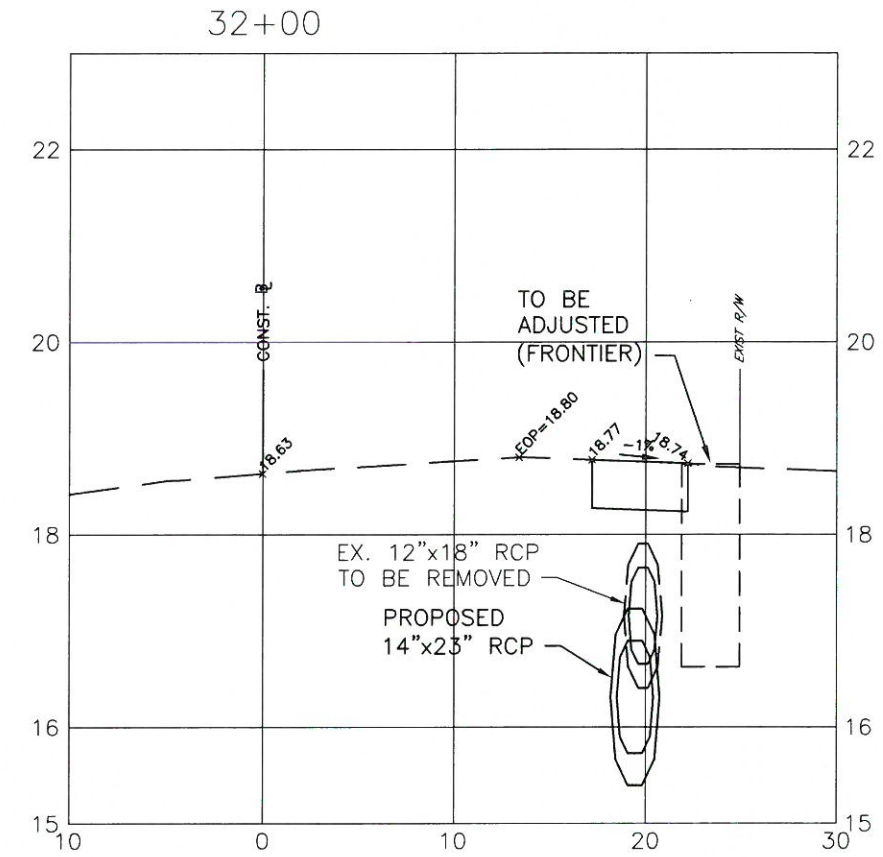
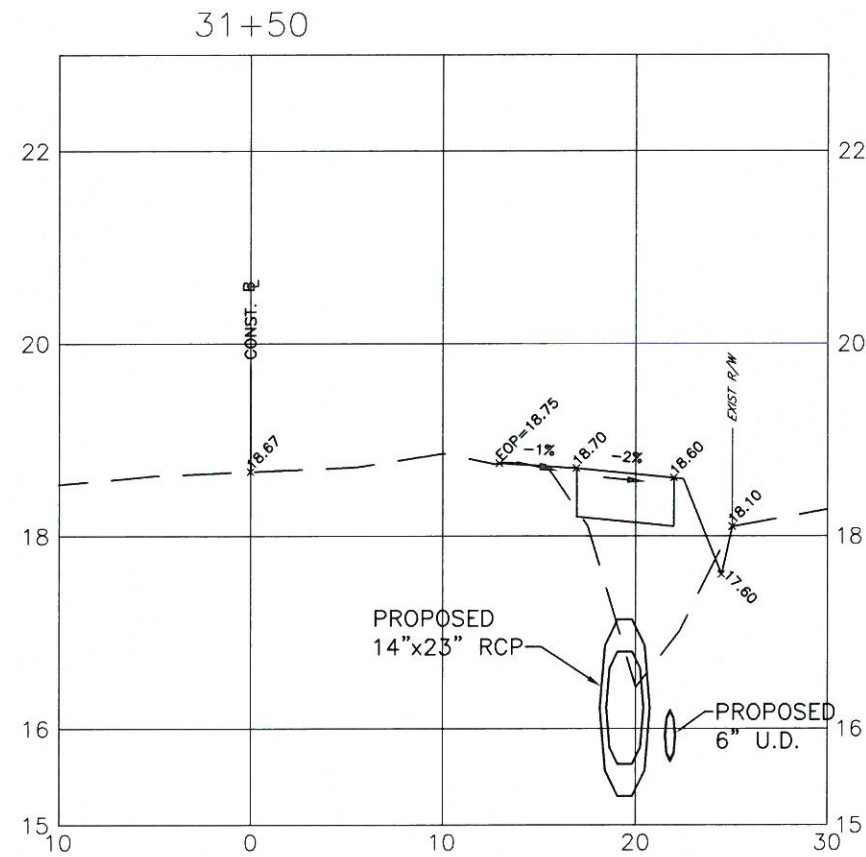
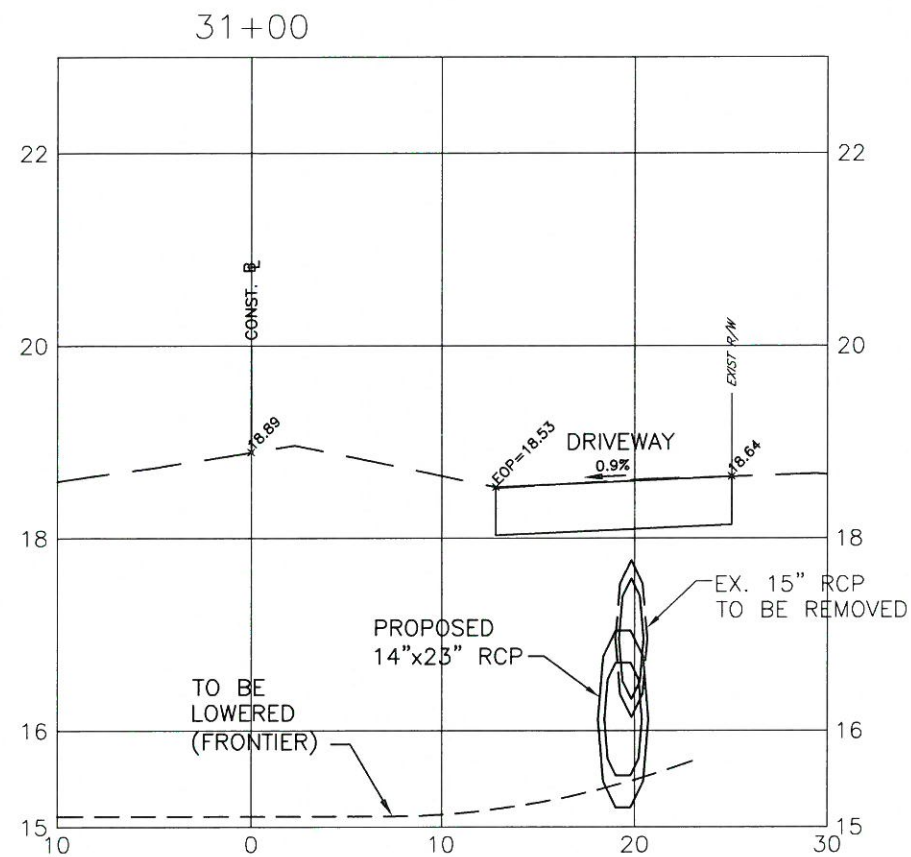
27+50



NO.	DATE	BY	REVISION DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

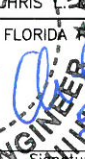


SHEET 21



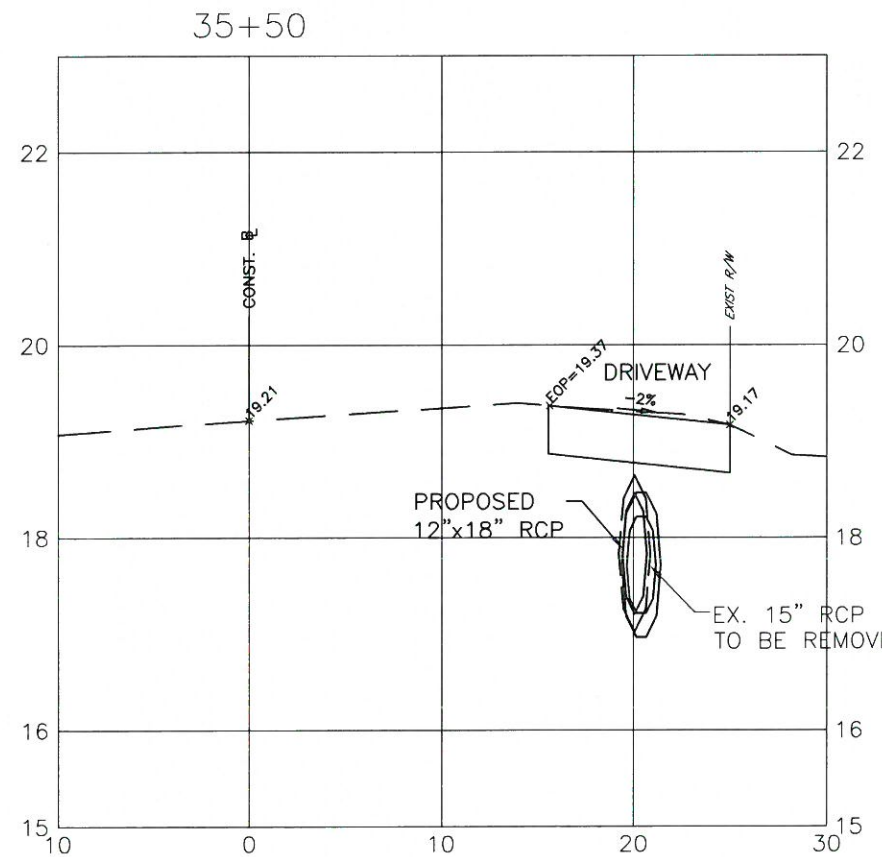
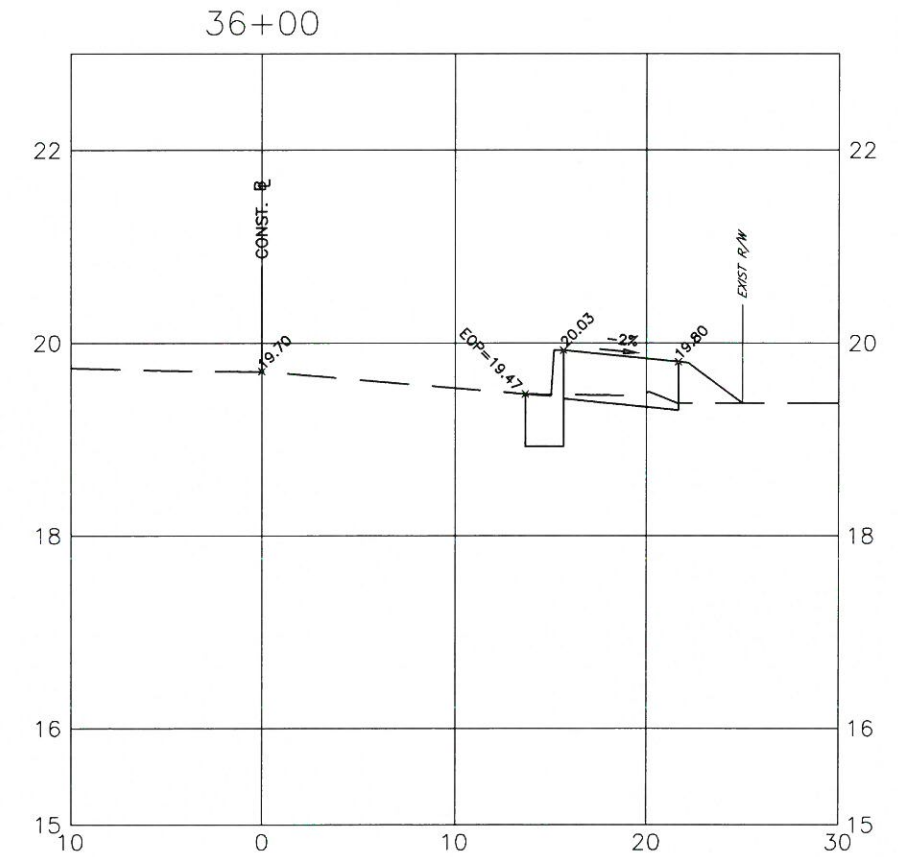
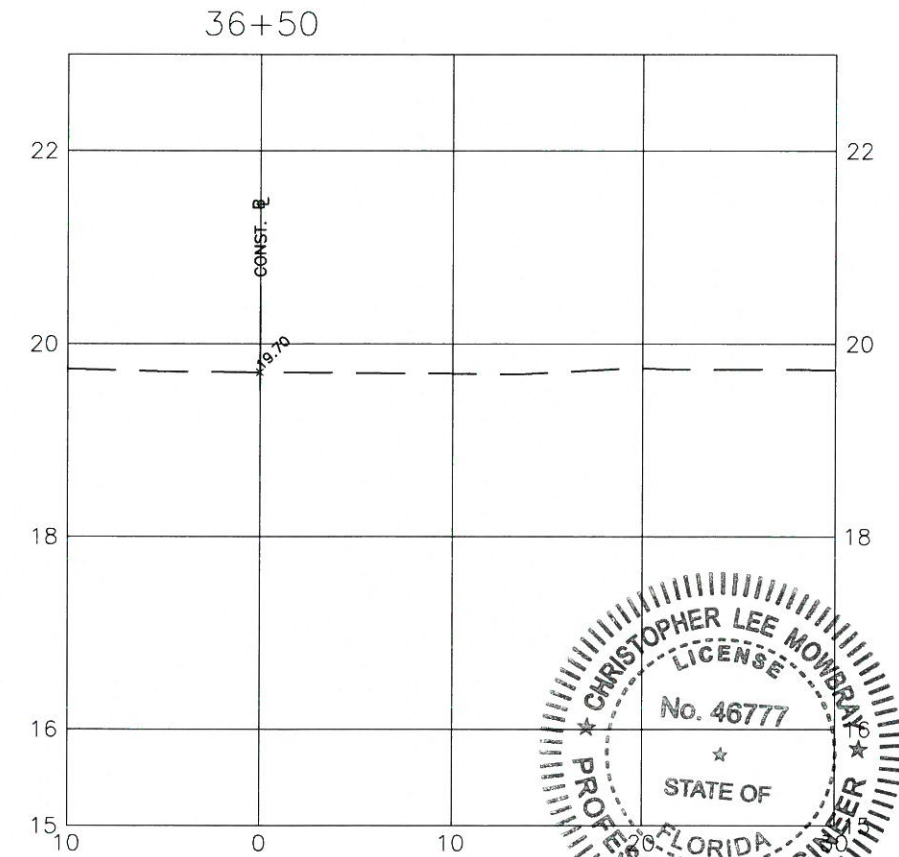
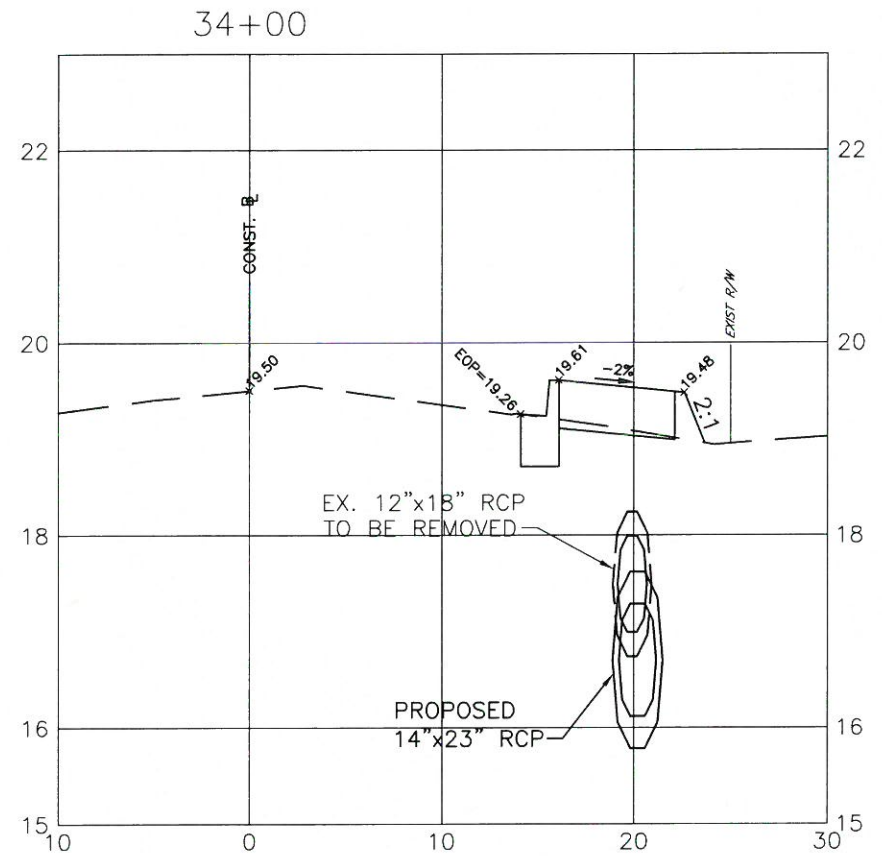
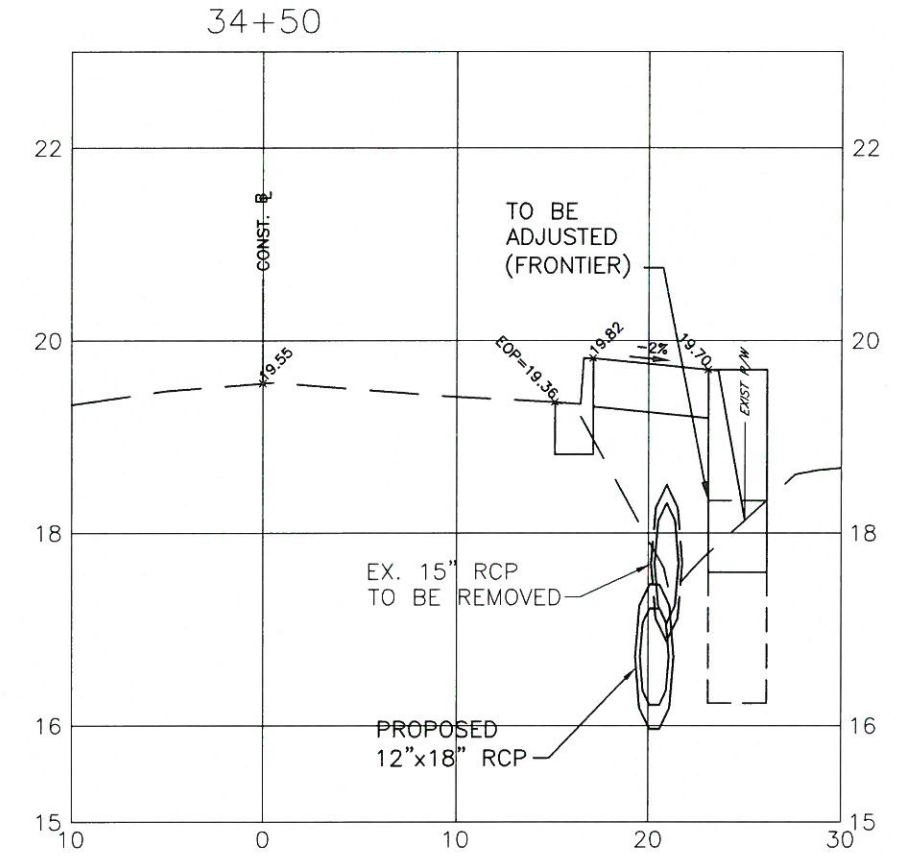
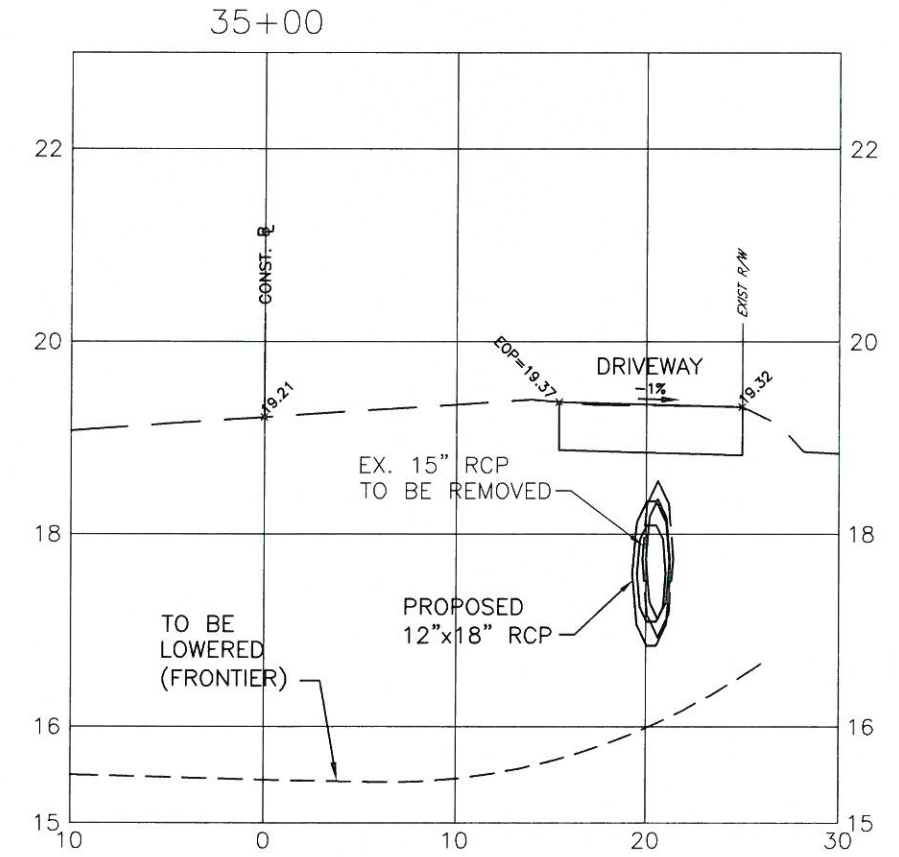
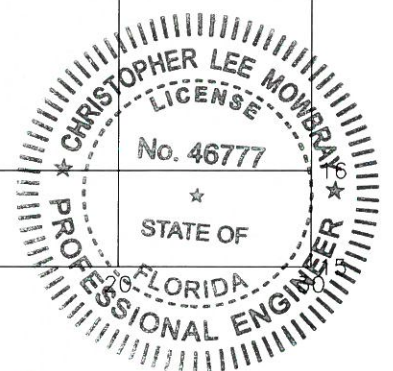
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**
1022 26th Avenue East, Bradenton, FL 34208

**12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
CROSS SECTIONS - Sta. 31+00 thru Sta. 33+50**

DATE									
BY									
REVISION DESCRIPTION									
NO.									
PROJECT #	375-6059560								
SURVEY #	000								
SEC./TWN./RGE	00/00S/00E								
SCALE	H: 1"=10' V: 1"=20'								
	BY	DATE							
SURVEYED	-----	00/00/00							
DESIGNED	AM	09/25/15							
DRAWN	JMF	09/25/15							
CHECKED	SP	00/00/00							
CHRIS L. MOWBRAY, P.E.									
FLORIDA P.E. # 46777									
									
Signature & Date									
SHEET 22									

12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
CROSS SECTIONS - Sta. 34+00 thru Sta. 36+50

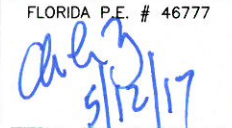
NO.	REVISION DESCRIPTION	BY	DATE
PROJECT #	375-6059560		
SURVEY #	000		
SEC./TWN./RGE	00/00S/00E		
SCALE	H: 1"=10' V: 1"=20'		
SURVEYED	----	00/00/00	
DESIGNED	AM	09/25/15	
DRAWN	TMF	09/25/15	
CHECKED	SF	00/00/00	
CHRIS L. MOWBRAY, P.E.			
FLORIDA P.E. # 46777			
Signature & Date			
SHEET 23			



S:\PMD_Engineering_Shore_Highway_Engineering\Sidewalks\CR-12th_Street_E_57th_Ave_E-61st_Ave_Terr_E\DWG\REF\CORRIDOR.dwg,24 SWALE COMP_5/12/2017 8:15 AM Thom Forrester, 1:1, 11x17

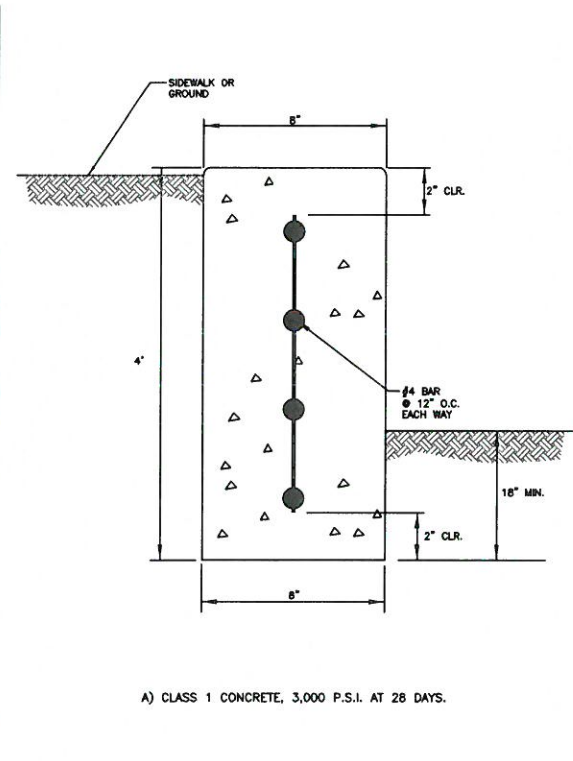
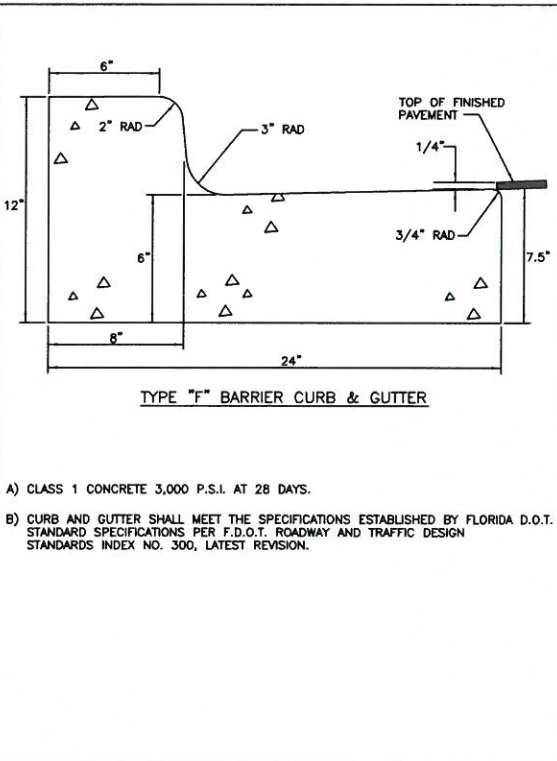
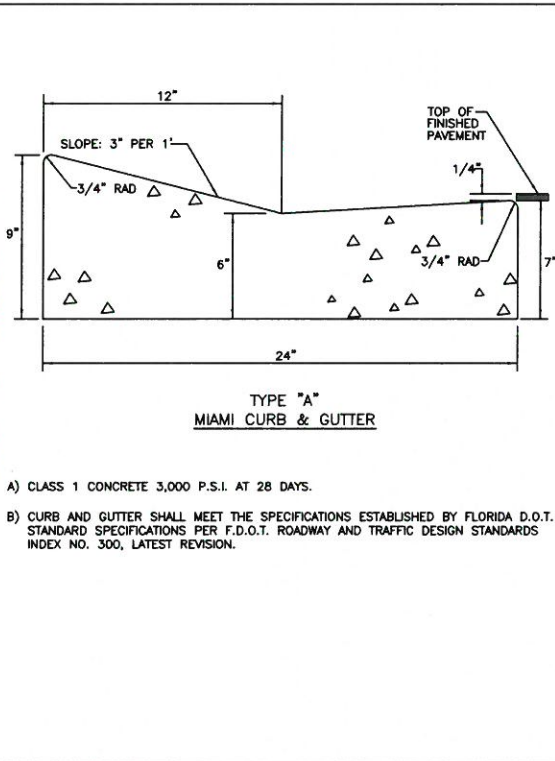
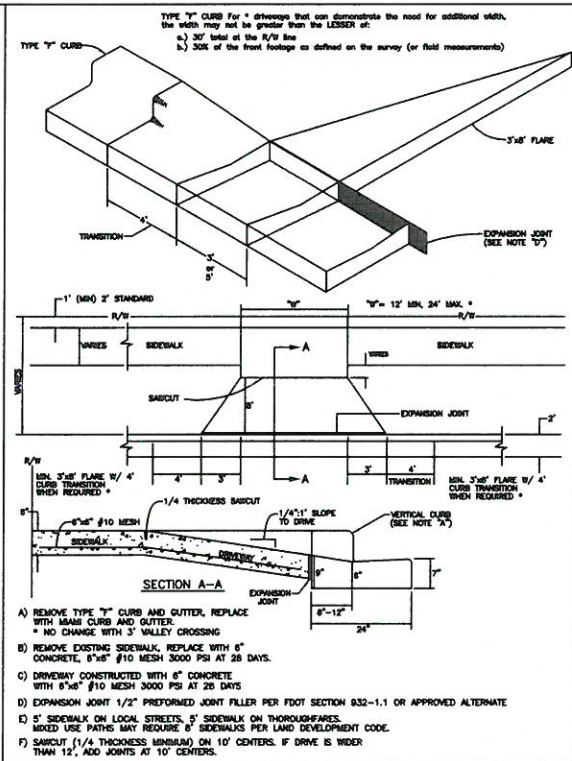
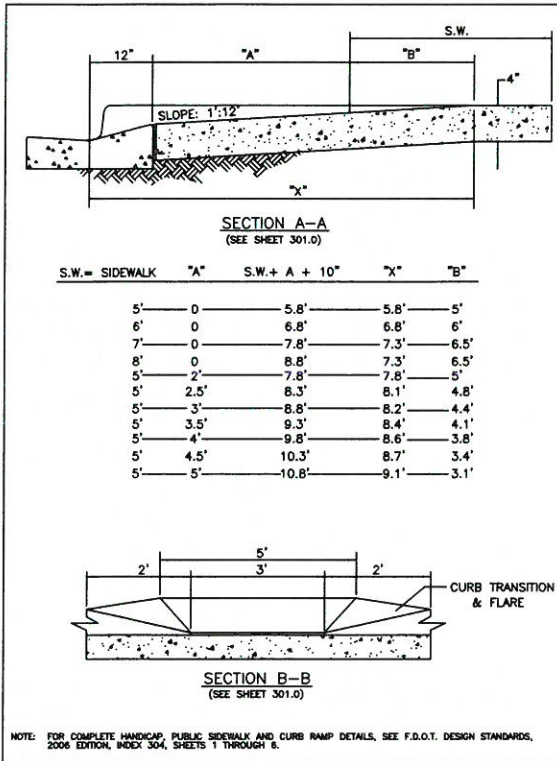
STATION	DISPLACED AREA RIGHT SIDE SWALE (SF)	COMPENSATION AREA RIGHT SIDE SWALE (SF)	DIST. (ft)	DISPLACED VOL. RIGHT SIDE SWALE (CF)	COMPENSATION VOL. RIGHT SIDE SWALE (CF)
10+55	0.0	0.0	45.00	35	0
11+00	1.5	0.0			
11+50	5.6	0.0		178	0
12+00	5.5	0.0		278	0
12+50	3.8	0.0		233	0
12+65	0.0	0.0	50.00	28	0
13+10	0.0	0.0	45.00	0	0
13+20	0.0	2.0	10.00	0	10
13+40	0.0	0.0	20.00	0	20
13+70	0.0	0.0	30.00	0	0
14+00	1.4	3.0	30.00	20	45
14+50	2.0	5.1	50.00	83	201
14+55	0.0	0.0	5.00	5	13
14+70	0.0	0.0	15.00	0	0
15+00	18.6	3.8	30.00	280	58
15+50	0.0	0.0	50.00	466	96
15+80	0.0	0.0	30.00	0	0
16+00	13.9	6.9	20.00	139	69
16+10	0.0	0.0	10.00	69	34
16+20	0.0	0.0	10.00	0	0
16+30	0.0	2.0	10.00	0	10
16+40	0.0	0.0	10.00	0	10
16+60	0.0	0.0	10.00	0	10
17+00	11.8	7.6	20.00	0	0
17+30	0.0	0.0	40.00	236	152
18+20	0.0	0.0	30.00	177	114
18+50	0.0	1.3	90.00	0	0
18+60	0.0	0.0	30.00	0	19
18+90	0.0	0.0	10.00	0	6
19+00	0.0	2.0	30.00	0	0
19+10	0.0	0.0	10.00	0	10
19+45	0.0	0.0	10.00	0	10
19+50	1.4	0.0	35.00	0	0
20+00	0.1	0.0	5.00	3	0
20+50	0.0	0.0	50.00	38	0
20+55	0.0	0.0	50.00	3	0
20+70	0.0	2.0	5.00	0	0
20+80	0.0	0.0	15.00	0	15
21+00	0.0	0.0	10.00	0	10
21+20	0.0	3.4	20.00	0	0
21+50	0.0	0.0	20.00	0	34
21+70	0.0	0.0	30.00	0	51
21+80	0.0	2.0	20.00	0	0
22+00	0.0	0.0	10.00	0	10
22+50	0.0	0.0	20.00	0	20
23+00	0.0	2.0	50.00	0	0
23+10	0.0	0.0	50.00	0	50
23+40	0.0	0.0	10.00	0	10
23+50	15.8	13.6	30.00	0	0
24+00	6.9	0.0	10.00	79	68
24+30	0.0	0.0	50.00	568	341
24+60	0.0	0.0	30.00	104	0
24+65	0.0	0.0	30.00	0	0
24+70	0.0	0.0	5.00	0	0
24+90	0.0	0.0	5.00	0	0
25+00	8.0	0.0	20.00	0	0
25+20	0.0	0.0	10.00	40	0
25+70	0.0	0.0	20.00	80	0
26+00	1.6	2.0	50.00	0	0
26+20	0.0	0.0	30.00	24	30
26+40	0.0	0.0	20.00	16	20
26+50	8.6	0.0	20.00	0	0
26+90	0.0	0.0	10.00	43	0
27+30	0.0	0.0	40.00	172	0
27+50	6.2	0.0	40.00	0	0
28+00	5.9	0.0	20.00	62	0
28+10	0.0	0.0	50.00	302	0
28+45	0.0	0.0	10.00	29	0
28+50	0.0	5.0	35.00	0	0
29+00	9.2	0.0	5.00	0	13
29+10	0.0	0.0	50.00	230	125
29+30	0.0	0.0	10.00	46	0
29+40	6.4	0.0	20.00	0	0
29+75	0.0	0.0	10.00	32	0
30+00	0.0	0.0	35.00	111	0
30+05	0.0	2.0	25.00	0	0
30+15	0.0	0.0	5.00	0	5
30+40	0.0	0.0	10.00	0	10
30+50	0.0	1.8	25.00	0	0
30+80	0.0	0.0	10.00	0	9
31+10	0.0	0.0	30.00	0	26
31+40	0.0	0.0	30.00	0	0
31+50	12.7	0.0	30.00	0	0
31+65	0.0	0.0	10.00	64	0
32+00	0.0	0.0	15.00	96	0
32+50	14.6	0.0	35.00	0	0
33+00	16.4	1.5	50.00	365	0
33+20	0.0	0.0	50.00	776	38
34+00	0.0	0.0	20.00	164	15
34+50	13.1	0.0	80.00	0	0
34+60	0.0	0.0	50.00	327	0
			10.00	65	0
SUBTOTAL VOLUMES (CF)				6,001	1,775
SUBTOTAL VOLUMES (CY)				222.27	65.74

12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
SWALE COMPENSATION SHEET

NO.									
PROJECT #	375-6059560								
SURVEY #	000								
SEC./TWN./RGE	00/00S/00E								
SCALE	1"=10'								
	BY	DATE							
SURVEYED	-----	00/00/00							
DESIGNED	AM	09/25/15							
DRAWN	TMF	09/25/15							
CHECKED	SF	00/00/00							
CHRIS L. MOWBRAY, P.E.									
FLORIDA P.E. # 46777									
									
Signature & Date									
SHEET 24									

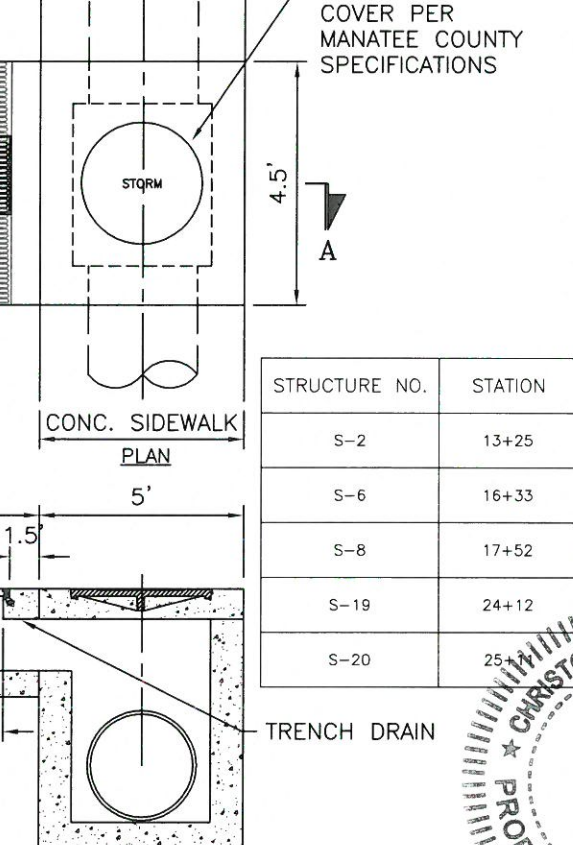
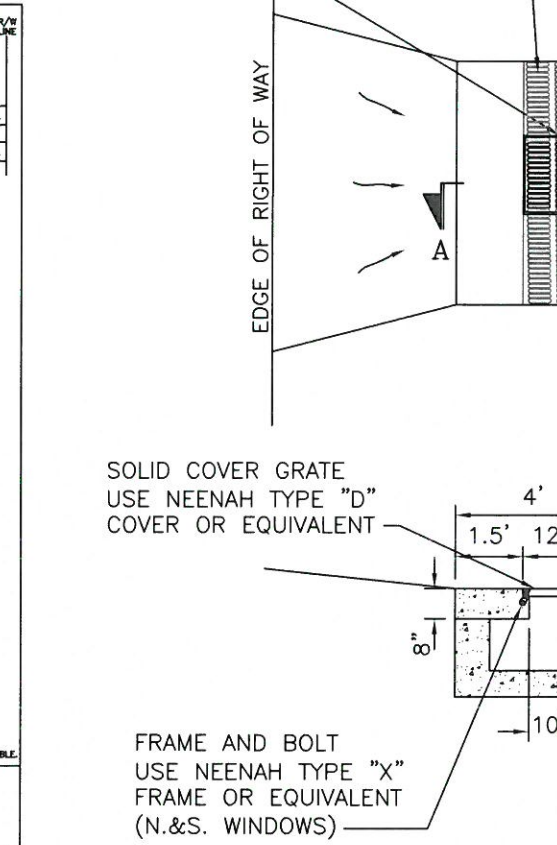
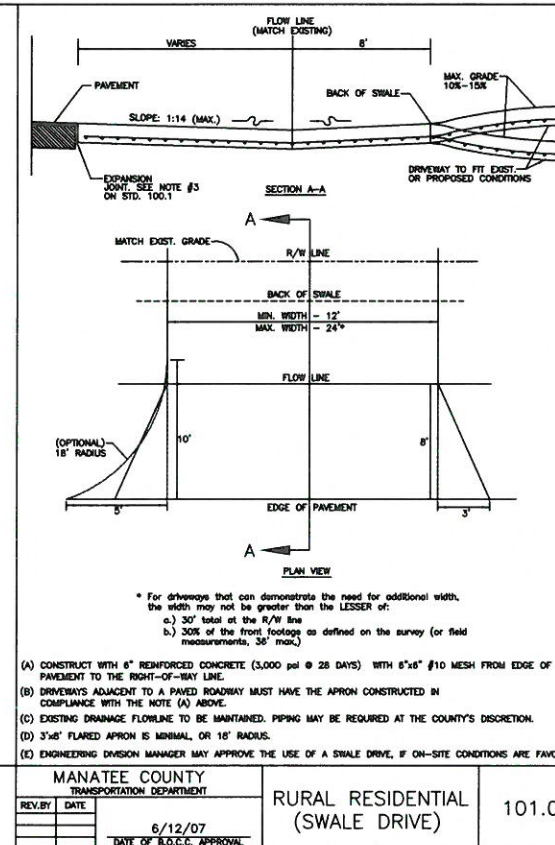
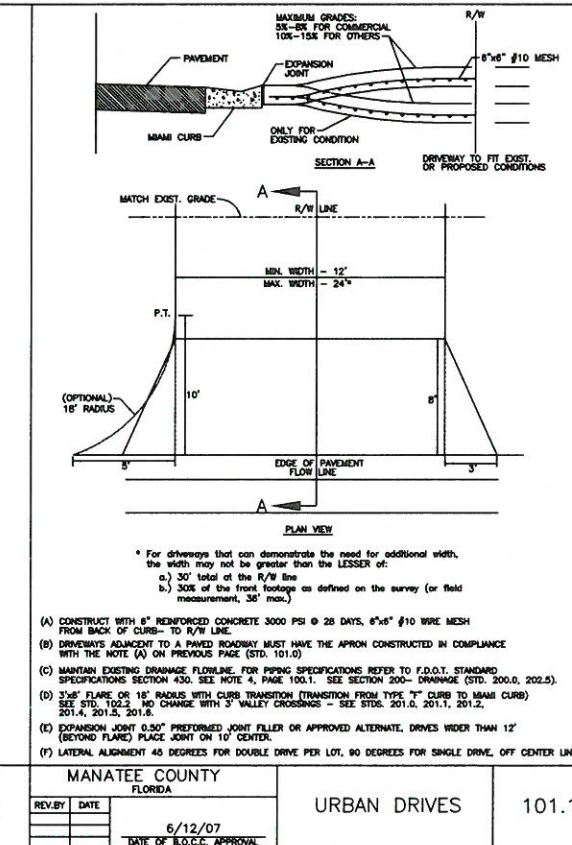
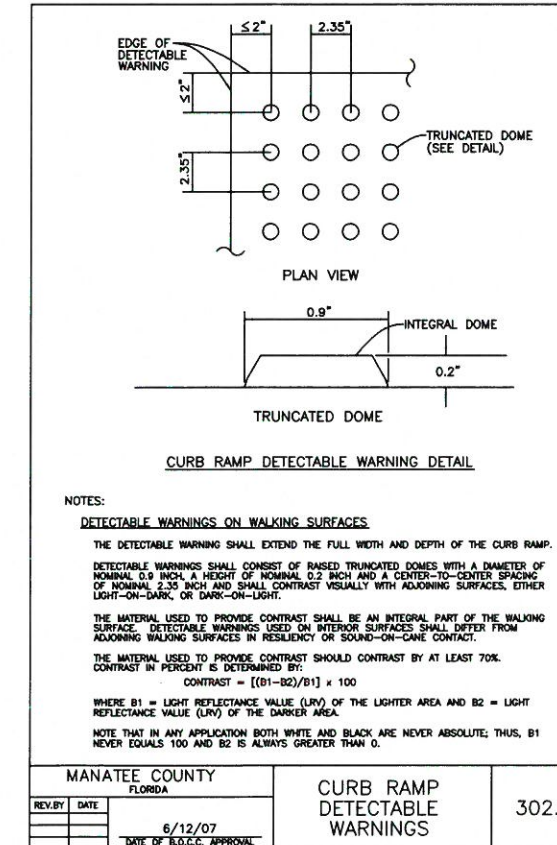


12TH STREET EAST SIDEWALK
57TH AVE E TO 61ST AVE E
DETAILS



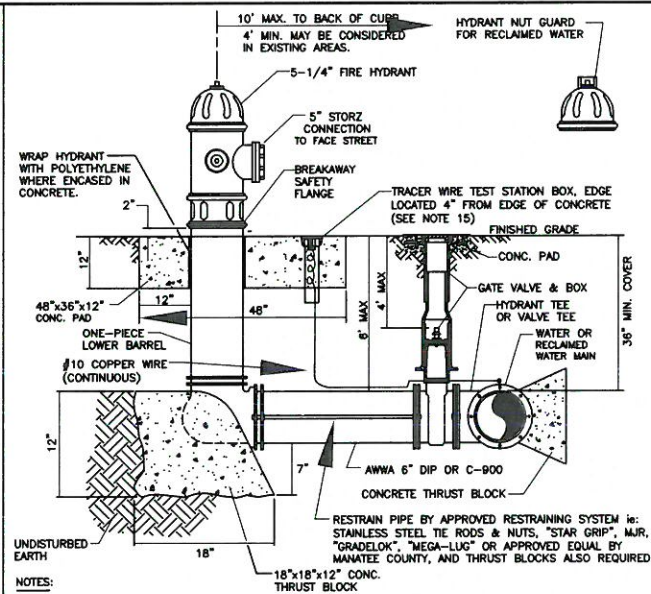
MANATEE COUNTY FLORIDA	HANDICAPPED RAMP SHEET 2	302.2	MANATEE COUNTY FLORIDA	CURB CUT & TRANSITION W/ T-FLARE FOR RESIDENTIAL DRIVES	101.2	MANATEE COUNTY FLORIDA	TYPE A MIAMI CURB & GUTTER	201.1	MANATEE COUNTY FLORIDA	TYPE F CURB & GUTTER	201.2
REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL		REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL		REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL		REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL	

REFER TO MANATEE COUNTY STANDARDS 2007



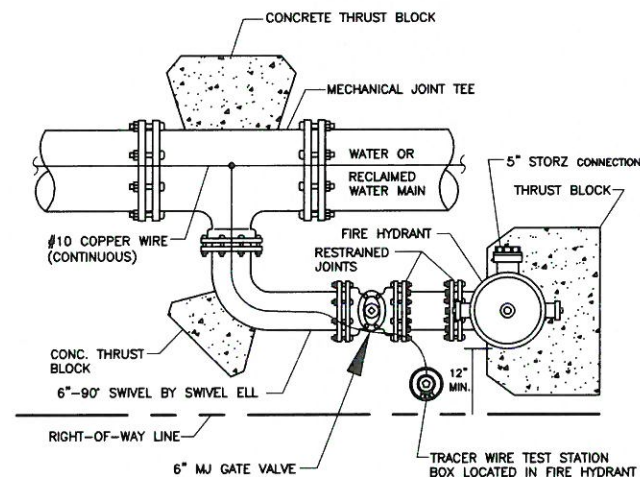
MANATEE COUNTY FLORIDA	CURB RAMP DETECTABLE WARNINGS	302.3	MANATEE COUNTY FLORIDA	URBAN DRIVES	101.1	MANATEE COUNTY TRANSPORTATION DEPARTMENT	RURAL RESIDENTIAL (SWALE DRIVE)	101.0
REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL		REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL		REV. BY DATE	6/12/07 DATE OF B.O.C.C. APPROVAL	

NO.	REVISION DESCRIPTION	BY	DATE
1	PROJECT # 375-6059560		
2	SURVEY # 000		
3	SEC./TWN./RGE 00/00S/00E		
4	SCALE N/A		
5	BY DATE		
6	DESIGNED AM 09/25/15		
7	DRAWN TME 09/25/15		
8	CHECKED KSP 10/05/00		
9	IN CHARGE L. KOWBRAY		
10	FLORIDA P.E. # 46797		
11	SIGNATURE		
12	DATE		



- NOTES:**

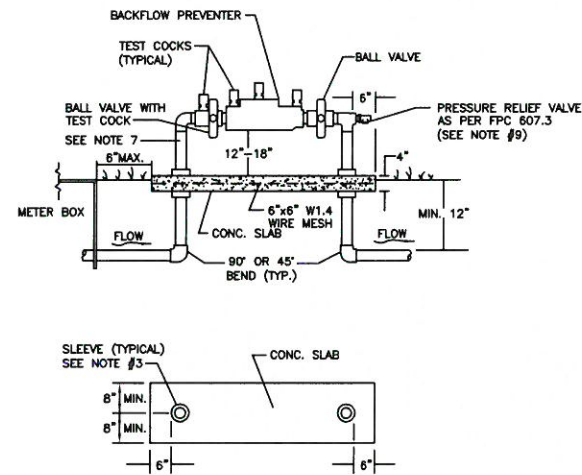
1. WEEPHOLES SHALL BE EXCLUDED FROM THE FIRE HYDRANT.
2. FIRE HYDRANTS SHALL BE A MINIMUM OF 6" OFF EDGE OF PAVEMENT AND 10' MAX. FROM BACK OF CURB, WHERE POSSIBLE AND WHERE SIDEWALK IS TO BE INSTALLED, FIRE HYDRANT SHALL BE LOCATED BETWEEN SIDEWALK AND HIGHWAY SIDEWALK LINE.
3. HYDRANTS SHALL BE FUSION BONDED EPOXY COATED SAFETY YELLOW FOR WATER AND PURPLE (PANTONE 522C) FOR RECLAIMED WATER. HYDRANT SHALL BE DUCTILE IRON CONSTRUCTION.
4. FIRE HYDRANTS SHALL BE PLACED SO THAT STORM WATER FLOWS AWAY FROM THE HYDRANT.
5. FIRE HYDRANTS SHALL BE CONSTRUCTED WITH "GROUND LINE" SET TO FINISHED GRADES AS ESTABLISHED ON THE FIELD.
6. MINIMUM BURIAL DEPTH SHALL BE 3 FEET FOR POTABLE WATER LINES.
7. FIRE HYDRANTS MAY BE CONSTRUCTED WITH "GRADE/LO" OFFSET FITTING.
8. RAISED REFLECTIVE PAVEMENT MARKER (BLUE) FOR POTABLE WATER (PURPLE) FOR RECLAIMED WATER, SHALL BE INSTALLED AT CENTERLINE OF PAVEMENT ADJACENT TO EACH HYDRANT.
9. PRECAST CONCRETE THRUST BLOCKS & PADS SHALL NOT BE USED.
10. ALL EXPOSED DEPTH OF CONCRETE SHALL HAVE 1/2" CHAMFER.
11. FIRE HYDRANT VALVE SHALL BE FASTENED DIRECTLY TO TEE.
12. IN-LINE VALVES SHOULD BE LOCATED AT HYDRANT TEES.
13. FIRE HYDRANT SHALL BE LOCATED ON SAME SIDE OF STREET AS WATER MAIN UNLESS OTHERWISE APPROVED.
14. THERE MUST BE A CLEARANCE OF 7 1/2 FEET FROM FRONT AND BOTH SIDES, AND FOUR FEET TO THE REAR OF THE HYDRANT, TO ABOVE GRADE OBSTRUCTIONS INCLUDING POSTS, FENCES, TREES, ETC, PER THE FLORIDA FIRE PREVENTION CODE.
15. SEE STANDARD DETAIL GALE WATER BOX LID AND TAG.
16. SHOULD THE FIRE HYDRANT'S CONCRETE PAD OVERLAP THE SIDEWALK, THE TRACER WIRE TEST STATION BOX SHALL NOT BE LOCATED WITHIN THE SIDEWALK.



PLAN

- NOTE:**

1. THIS DETAIL FOR USE ONLY WHEN THE WATER MAIN IS LOCATED TOO CLOSE TO THE RIGHT-OF-WAY LINE TO USE THE FIRE HYDRANT ASSEMBLY DETAIL.
2. SEE STANDARD DETAIL GATE VALVE BOX LID AND TAG



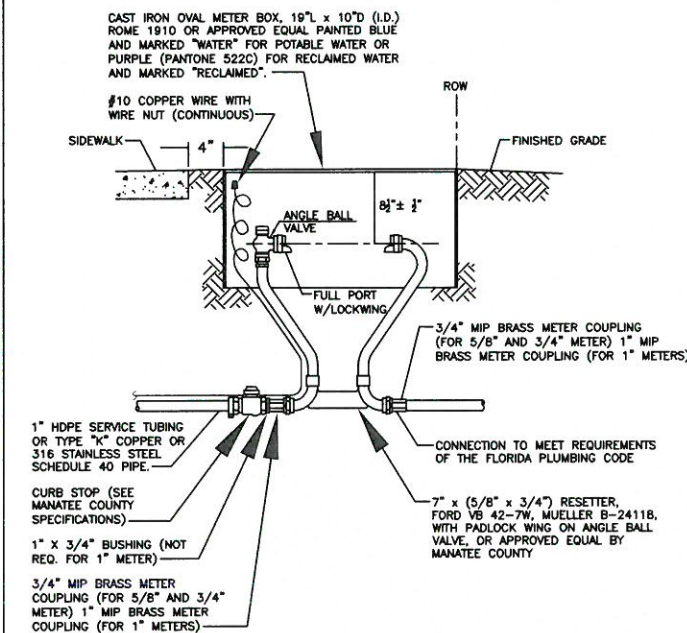
- NOTES:**

1. BACKFLOW DEVICE MUST BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER, AS SHOWN ABOVE
2. COPPER PIPE TYPE "K" OR BRASS PIPE MINIMUM SCHEDULE 40 SHALL BE USED TO A MINIMUM DEPTH OF 12" BELOW GRADE.
3. PIPES PASSING THROUGH OR ENCASED IN CONCRETE MUST BE PROPERLY PROTECTED AND SLEEVED.
4. THE SYSTEM MUST MEET ALL REQUIREMENTS OF THE FLORIDA PLUMBING CODE (LATEST EDITION) AND THE MANATEE COUNTY BACKFLOW PREVENTION ORDINANCE (LATEST EDITION).
5. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
6. BACKFLOW PREVENTER SHALL BE TESTED AT THE TIME OF INSTALLATION.
7. PRESSURE REDUCING VALVE REQUIRED UPSTREAM OF BACKFLOW IF SYSTEM PRESSURE EXCEEDS 80 PSI.
8. 3" MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF CONCRETE SLAB AND CLEAR OPENING FOR BACKFLOW PREVENTER STRAIGHT THROUGH.
9. IN ADDITION TO THE PRV, THE BUILDING DEPT. MAY REQUIRE AN APPROVED DEVICE FOR THERMAL EXPANSION CONTROL.
10. REFER TO DETAIL WATER METER & BACKFLOW PREVENTER FOR LIFT STATIONS FOR WATER SERVICE AT SEWAGE PUMPATION STATION.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		FIRE HYDRANT ASSEMBLY	UW-5 PAGE 123
REV. BY	DATE		
CLB/KE	11/10		
MAY 10, 2011 DATE OF APPROVAL			

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		FIRE HYDRANT WITH LOCKED 90° BEND	UW-6 PAGE 12
REV. BY CLB/KE	DATE 11/10		
MAY 10, 2011 DATE OF APPROVAL			

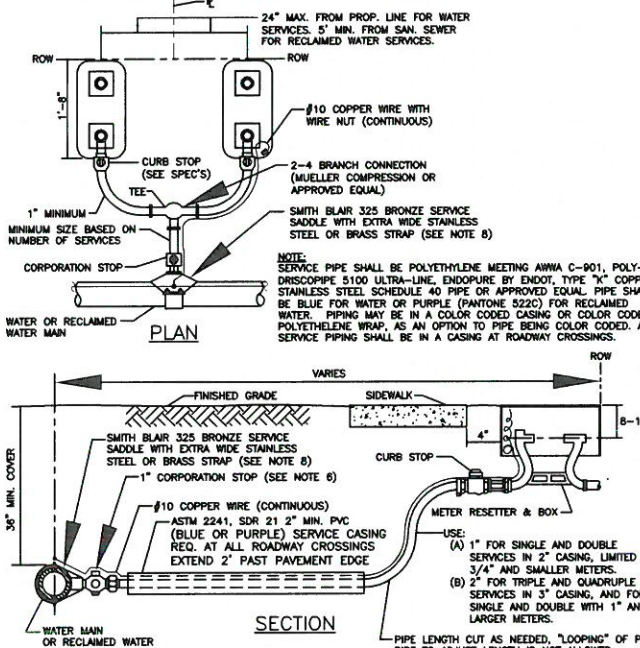
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		3/4" & 1" BACKFLOW PREVENTER	UW-12
REV. BY CLB/BR	DATE 11/10		
MAY 10, 2011 DATE OF APPROVAL			PAGE 130



- NOTES:**

1. FORD 40 SERIES RESISTERS VB43 AND VB44 OR EQUAL FOR 3/4" OR 1" METERS ALSO ALLOWED.
2. METER BOX AND RESETTER ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
3. FOR COMPLETE SERVICE CONNECTION ASSEMBLY, SEE DETAIL TYPICAL SERVICE CONNECTION.
4. WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE R/W IS ONE FOOT (CUL-DE-SAC W/ MEDIAN) A 10'-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
5. 3' MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF METER, CLEAR ACCESS OPENING TO STREET.

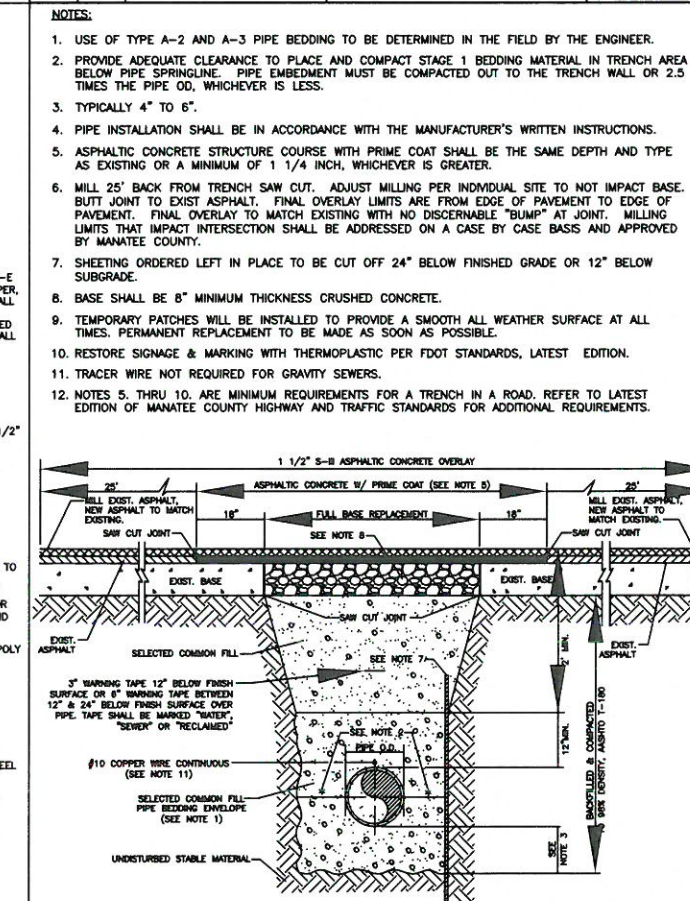
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		METER BOX ASSEMBLY FOR 5/8" X 3/4", 3/4" & 1" METERS	UW-17
REV. BY CLB/BR	DATE 11/10 MAY 10, 2011 DATE OF APPROVAL		



- NOTES:**

1. ALL SERVICE TAPS TO BE LOCATED IN THE FIELD. TAPS SHALL BE NO CLOSER THAN 2'-0" STAGGERED INTERVALS OR WITHIN 2'-0" FROM BELL OR SPOIGOT ENDS.
2. METER BOXES & RESETTERS ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
3. "WM" OR "RW" TO BE IMPRESSED INTO THE NEWLY POURED CONCRETE CURB ALONG WITH DISTANCE IN FEET TO THE CURB. IF NO CURB, INSTALL A BLUE DISC WITH "WM" OR A PURPLE DISC WITH "RW" AND A 1/8" x 1" GALVANIZED STEEL SCREW IN THE EDGE OF PAVEMENT WITH THE DISTANCE (IN FEET) FROM THE DISC TO THE METER.
4. #10 COPPER WIRE SHALL BE INSTALLED WITH WATER AND RECLAIMED MAIN AND ALL SERVICES. SERVICE WIRE SHALL BE CONNECTED TO THE TRACER WIRE ALONG THE MAIN.
5. WATER AND RECLAIMED WATER SERVICE LINES TO BE 5' MINIMUM FROM SEWER SERVICE PIPES.
6. FOR 2' SERVICES REPLACE CORPORATION STOP WITH 2' RESILIENT GUESS FIP GATE VALVE W/BOX, LD & TAG.
7. WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE ROW IS ONE FOOT (CUL-DE-SAC W/MEDIAN) A 10-FOOT-WIDE PUBLIC UTILITY EXHAUST SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
8. FOR HOPE MAINS, USE ROMAC 306H SS OR CENTRAL PLASTICS ELECTRO FUSION COR SADDLE.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TYPICAL SERVICE CONNECTION	UW-19 PAGE 137
REV. BY CLB/BR	DATE 11/10		
MAY 10, 2011 DATE OF APPROVAL			

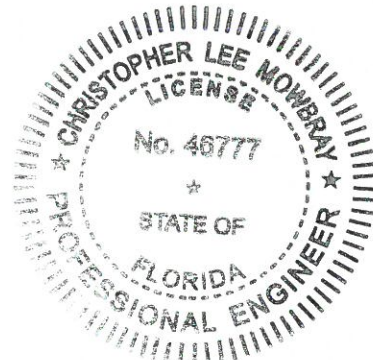


MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TRENCH WITH ASPHALT PAVEMENT SURFACE TYPE A-1 PIPE BEDDING	UG-12
REV. BY WRT/KE	DATE 03/11		
MAY 10, 2011			
DATE OF APPROVAL			PAGE 11



**12TH STREET EAST SIDEWALK
57TH AVE E TO 61ST AVE E
UTILITY DETAILS**

DATE									
BY									
REVISION DESCRIPTION									
NO.									
PROJECT #		375-6059560							
SURVEY #		000							
SEC./TWN./RGE.		00/00S/00E							
SCALE		N/A							
	BY	DATE							
SURVEYED	-----	00/00/00							
DESIGNED	AM	09/25/15							
DRAWN	TMF	09/25/15							
CHECKED	SF	00/00/00							
CHRIS L. MOWBRAY, P.E.									
FLORIDA P.E. # 46777									
 5/12/17									
Signature & Date									
SHEET 26									

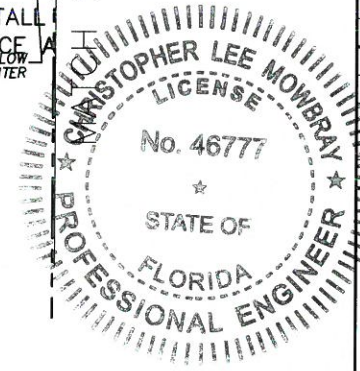
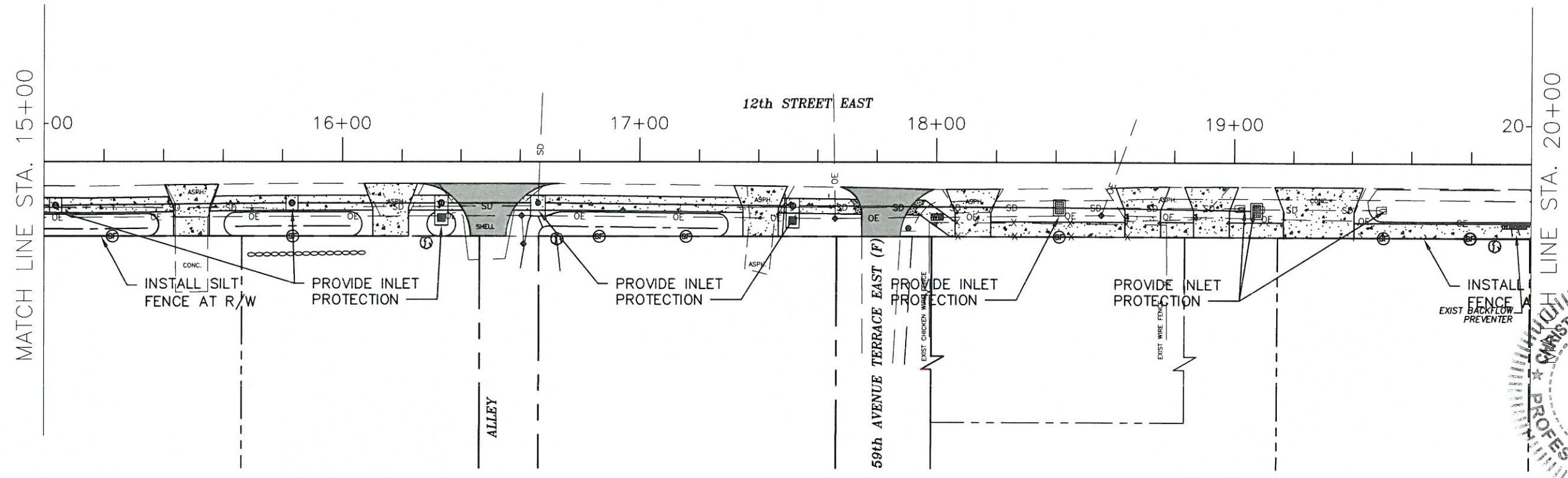


5/12/17

SHEET 26



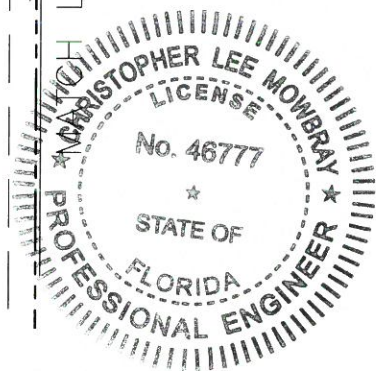
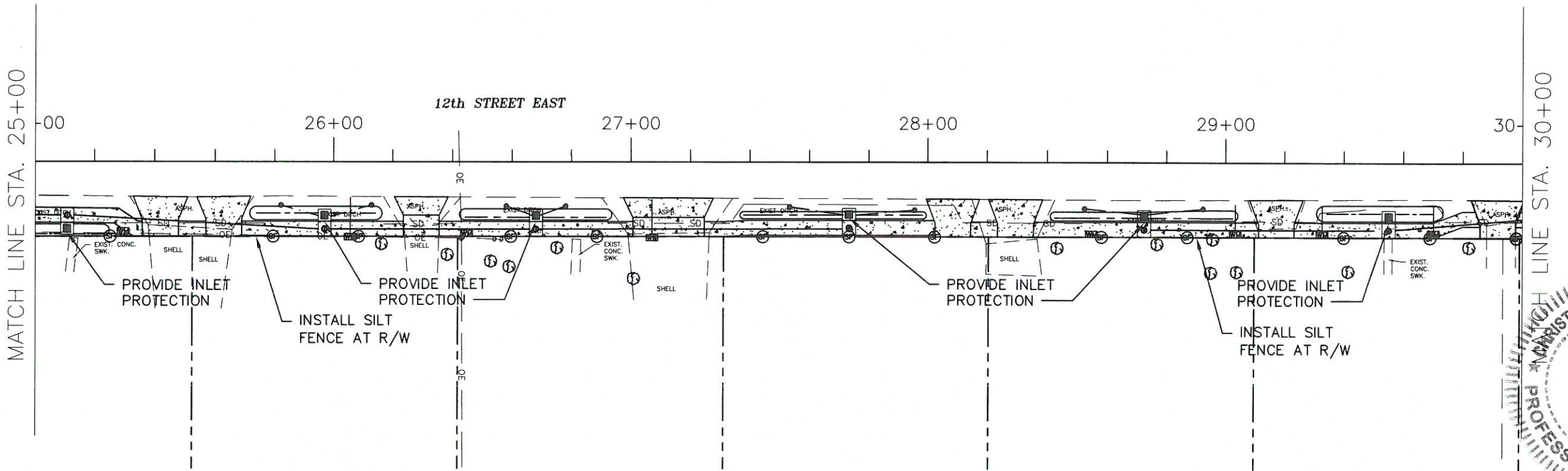
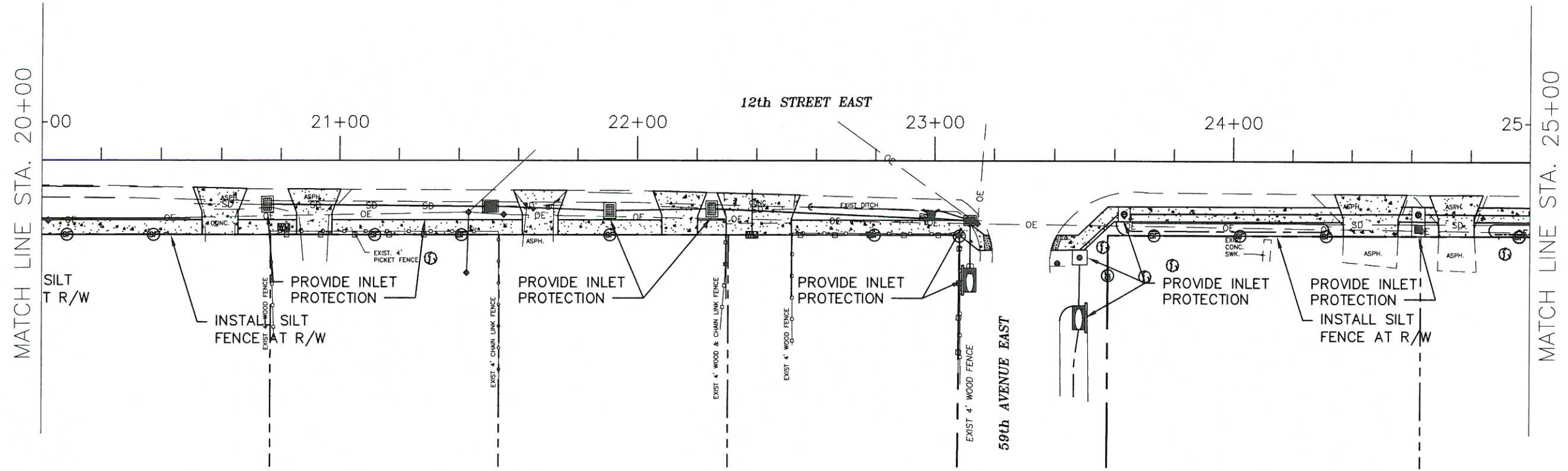
DATE									
BY									
REVISION DESCRIPTION									
NO.									
PROJECT #		375-6059560							
SURVEY #		000							
SEC./TWN./RGE		00/00S/00E							
SCALE		1"=20'							
	BY	DATE							
SURVEYED	-----	00/00/00							
DESIGNED	-----	09/25/15							
RAWN	-----	08/25/15							
CHECKED	-----	00/00/00							
CHRIS L. MOWBRAY, P.E.									
FLORIDA P.E. # 46777									
 Signature & Date									
BMP 1									



Signature & Date

S:\PMD Engineering\Shore Highway Engineering\Sidewalk\Sidewalk-66A-12th Street E-61st Ave Terr\DWG\12th St BMP.dwg, BMP 2, 5/12/2017 8:17 AM Thom Forrester, 11, 11x17

12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
EROSION CONTROL STA. 20+00 TO 30+00



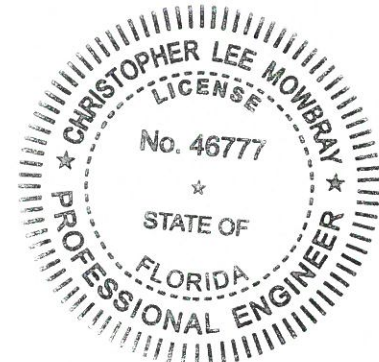
REVISION DESCRIPTION		BY	DATE
NO.			
PROJECT #		375-6059560	
SURVEY #		000	
SEC./TWN./RGE		00/00S/00E	
SCALE		1"=20'	
	BY	DATE	
SURVEYED	-----	00/00/00	
DESIGNED	-----	09/25/15	
DRAWN	-----	09/25/15	
CHECKED	-----	00/00/00	
CHRIS L. MOWBRAY, P.E.			
FLORIDA P.E. # 46777			
 5/12/17			
Signature & Date			
BMP 2			

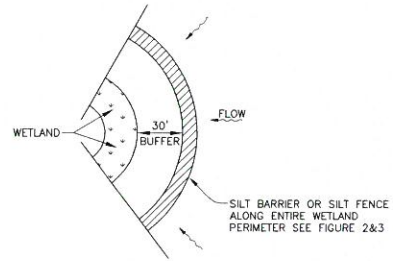
Signature & Date

BMP 3

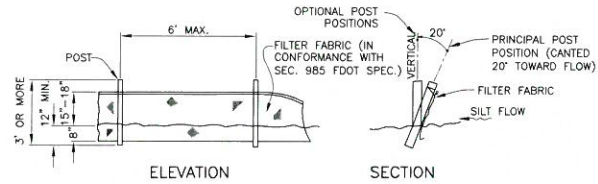
CHRIS L. MOWBRAY, P.E.
FLORIDA P.E. # 46777

BMP 3

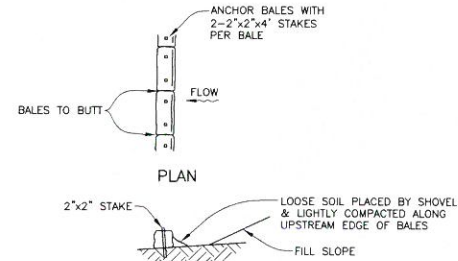




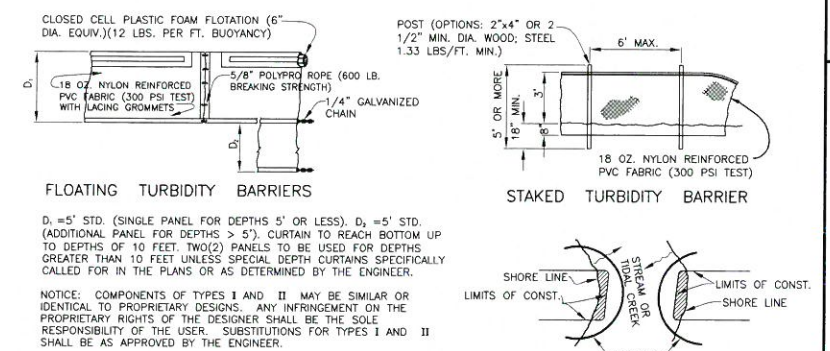
WETLAND BUFFER
FIGURE 1



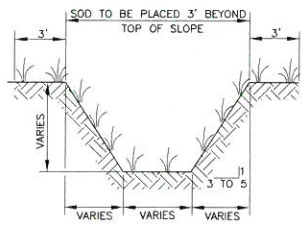
TYPICAL SILT FENCE
FIGURE 2



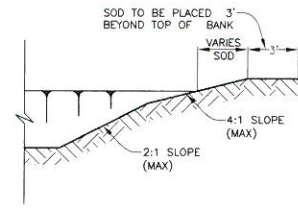
TYPICAL BALE SILT BARRIER
FIGURE 3



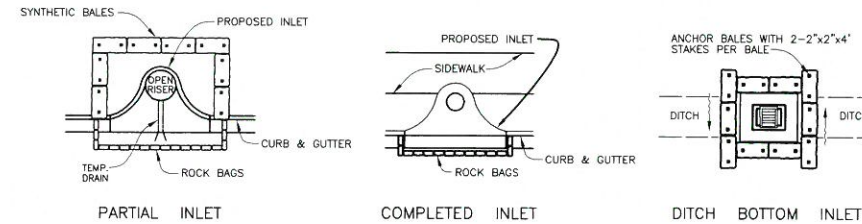
TURBIDITY BARRIERS
FIGURE 4



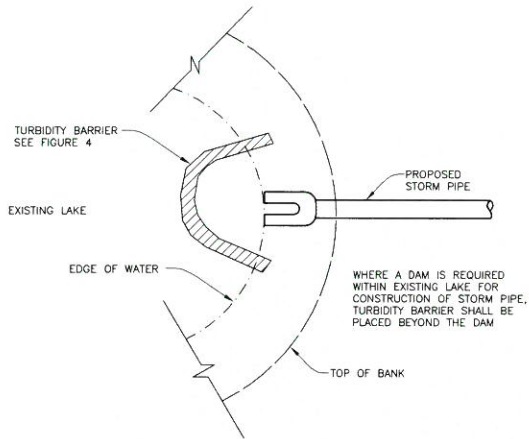
TYPICAL SWALE SECTION
FIGURE 5



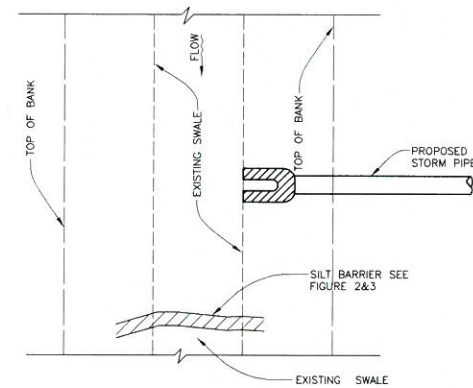
TYPICAL RETENTION/DETENTION POND SECTION
FIGURE 6



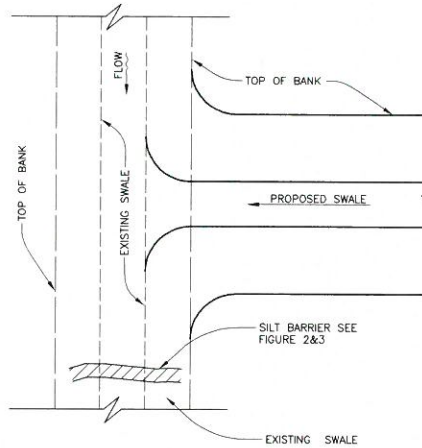
SYNTHETIC BALE PROTECTION AROUND
INLETS OR SIMILAR STRUCTURES
FIGURE 7



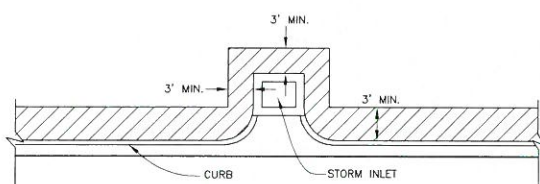
TURBIDITY BARRIER AT CONNECTION OF
STORM PIPE TO EXISTING LAKE
FIGURE 9



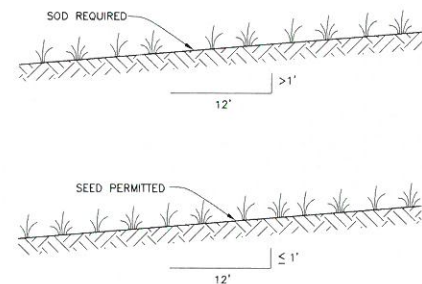
SILT BARRIER AT CONNECTION OF
STORM PIPE TO EXISTING SWALE
FIGURE 10



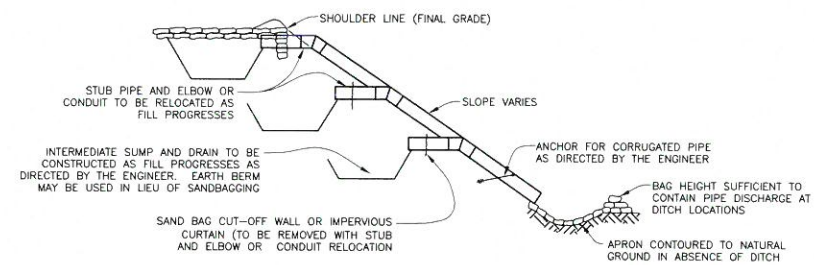
SILT BARRIER AT CONNECTION
OF SWALE TO EXISTING SWALE
FIGURE 11



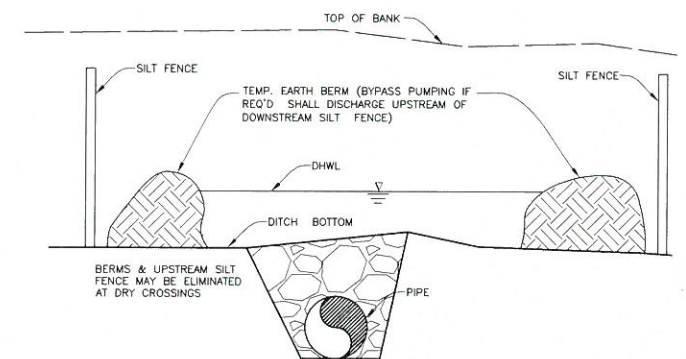
SOD ALONG CURB
AND AROUND INLET
FIGURE 14



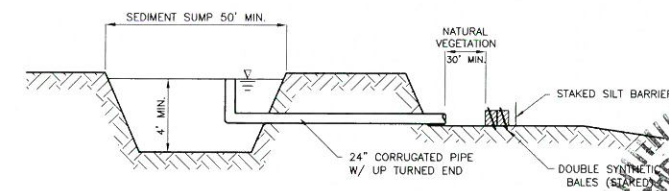
GRASS SLOPES
FIGURE 13



SECTION AA
TEMPORARY SLOPE DRAIN
FIGURE 15



UNDERGROUND PIPE CROSSING
FIGURE 12



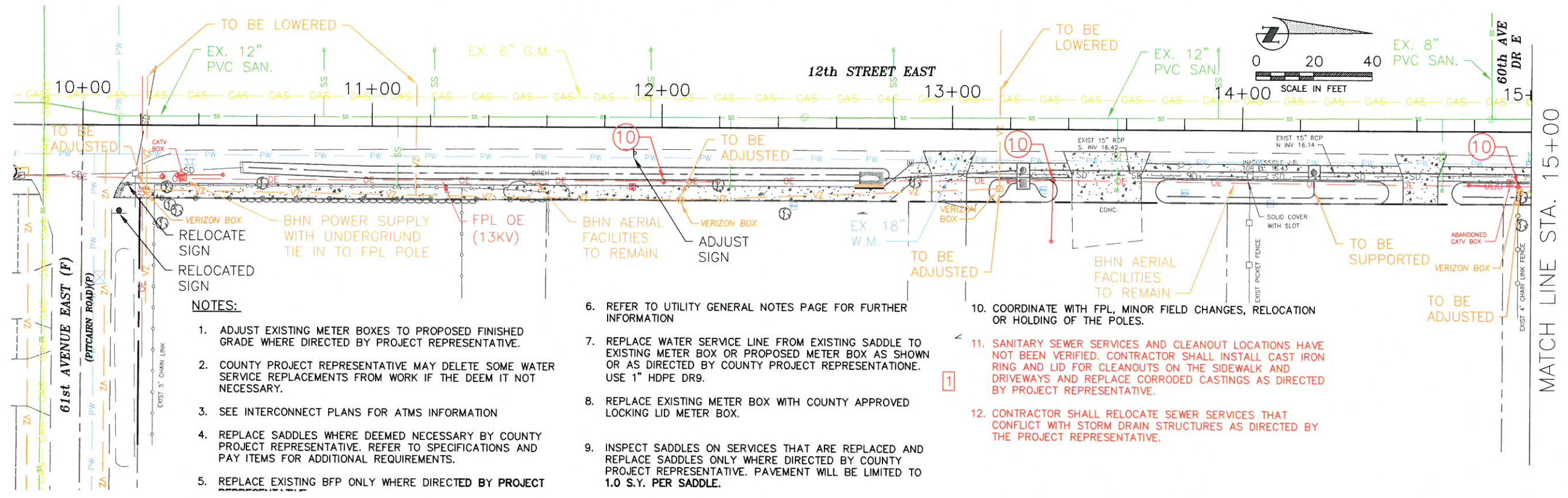
SEDIMENT SUMP SECTION
FIGURE 16

NOTE:
REFERENCE THE FDOT DESIGN STANDARDS
LATEST EDITION FOR ALL TEMPORARY
EROSION CONTROL MEASURES.

NO.	REVISION DESCRIPTION	BY	DATE
1	PROJECT # 375-6059560		
2	SURVEY # 000		
3	SEC./TWN./RGE 00/00S/00E		
4	SCALE 1"=20'		
5	BY DATE		
6	DATE 00/00/00		
7	DATE 06/25/15		
8	DATE 08/25/16		
9	DATE 10/00/00		
10	DATE 10/00/00		
11	DATE 10/00/00		
12	DATE 10/00/00		
13	DATE 10/00/00		
14	DATE 10/00/00		
15	DATE 10/00/00		
16	DATE 10/00/00		
17	DATE 10/00/00		
18	DATE 10/00/00		
19	DATE 10/00/00		
20	DATE 10/00/00		

CHIEF ENGINEER
FLORIDA P.E. # 46777
STATE OF FLORIDA
Signature & Date

12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
UTILITY ADJUSTMENT SHEET
STA. 10+00 TO 20+00



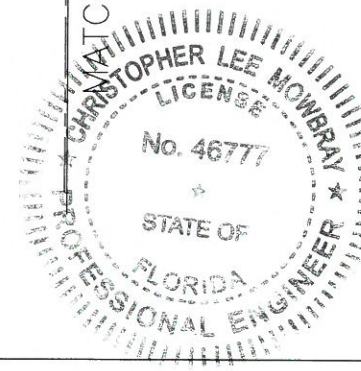
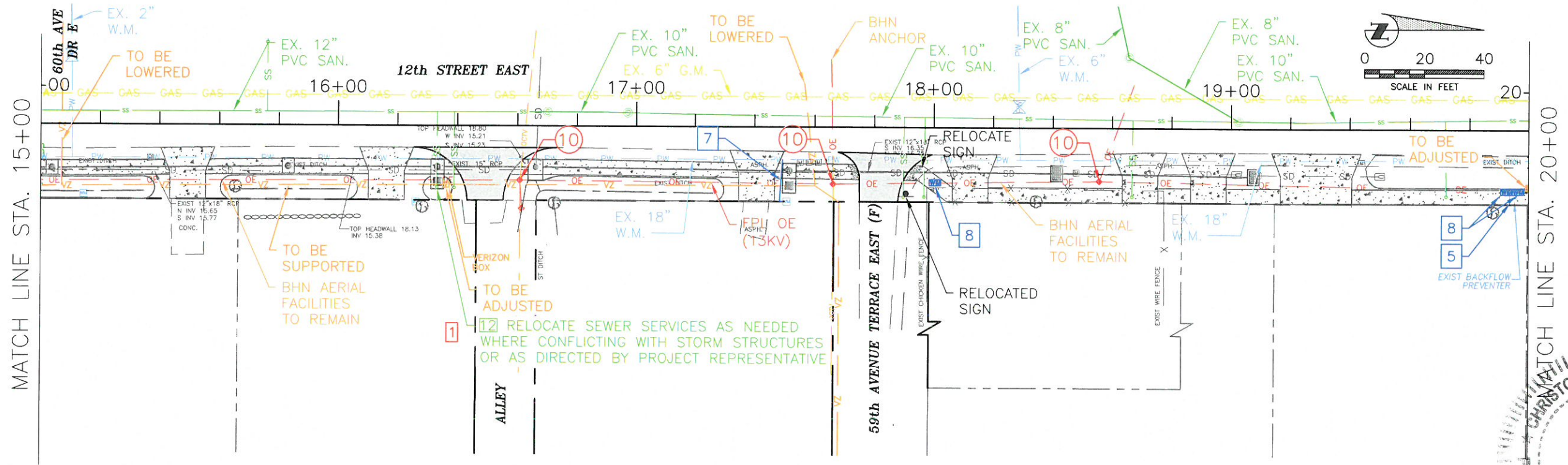
NOTES:

1. ADJUST EXISTING METER BOXES TO PROPOSED FINISHED GRADE WHERE DIRECTED BY PROJECT REPRESENTATIVE.
2. COUNTY PROJECT REPRESENTATIVE MAY DELETE SOME WATER SERVICE REPLACEMENTS FROM WORK IF THE DEEM IT NOT NECESSARY.
3. SEE INTERCONNECT PLANS FOR ATMS INFORMATION
4. REPLACE SADDLES WHERE DEEMED NECESSARY BY COUNTY PROJECT REPRESENTATIVE. REFER TO SPECIFICATIONS AND PAY ITEMS FOR ADDITIONAL REQUIREMENTS.
5. REPLACE EXISTING BFP ONLY WHERE DIRECTED BY PROJECT REPRESENTATIVE.

6. REFER TO UTILITY GENERAL NOTES PAGE FOR FURTHER INFORMATION
7. REPLACE WATER SERVICE LINE FROM EXISTING SADDLE TO EXISTING METER BOX OR PROPOSED METER BOX AS SHOWN OR AS DIRECTED BY COUNTY PROJECT REPRESENTATION. USE 1" HDPE DR9.
8. REPLACE EXISTING METER BOX WITH COUNTY APPROVED LOCKING LID METER BOX.
9. INSPECT SADDLES ON SERVICES THAT ARE REPLACED AND REPLACE SADDLES ONLY WHERE DIRECTED BY COUNTY PROJECT REPRESENTATIVE. PAVEMENT WILL BE LIMITED TO 1.0 S.Y. PER SADDLE.

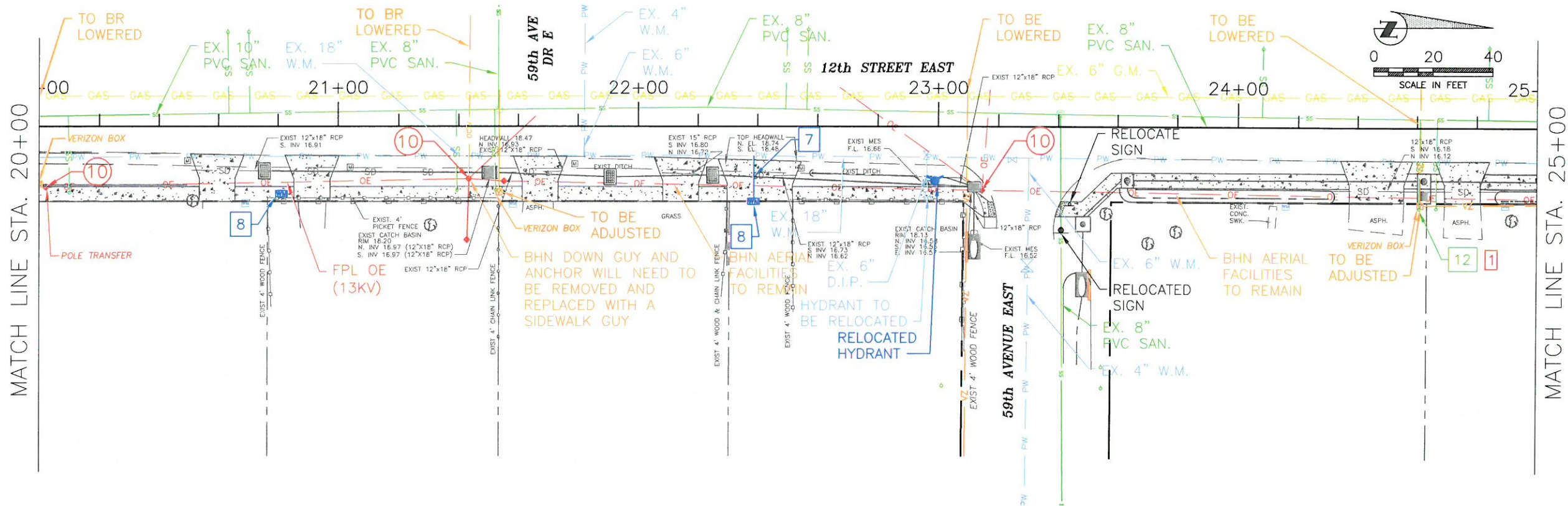
10. COORDINATE WITH FPL, MINOR FIELD CHANGES, RELOCATION OR HOLDING OF THE POLES.
11. SANITARY SEWER SERVICES AND CLEANOUT LOCATIONS HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL INSTALL CAST IRON RING AND LID FOR CLEANOUTS ON THE SIDEWALK AND DRIVEWAYS AND REPLACE CORRODED CASTINGS AS DIRECTED BY PROJECT REPRESENTATIVE.
12. CONTRACTOR SHALL RELOCATE SEWER SERVICES THAT CONFLICT WITH STORM DRAIN STRUCTURES AS DIRECTED BY THE PROJECT REPRESENTATIVE.

CALL THE SUNSHINE STATE
ONE CALL 1-800-432-4770
48 HOURS BEFORE DIGGING FOR THE
LOCATION OF UNDERGROUND UTILITIES

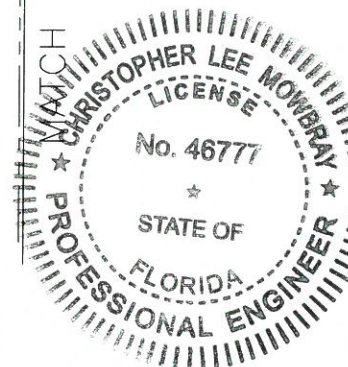
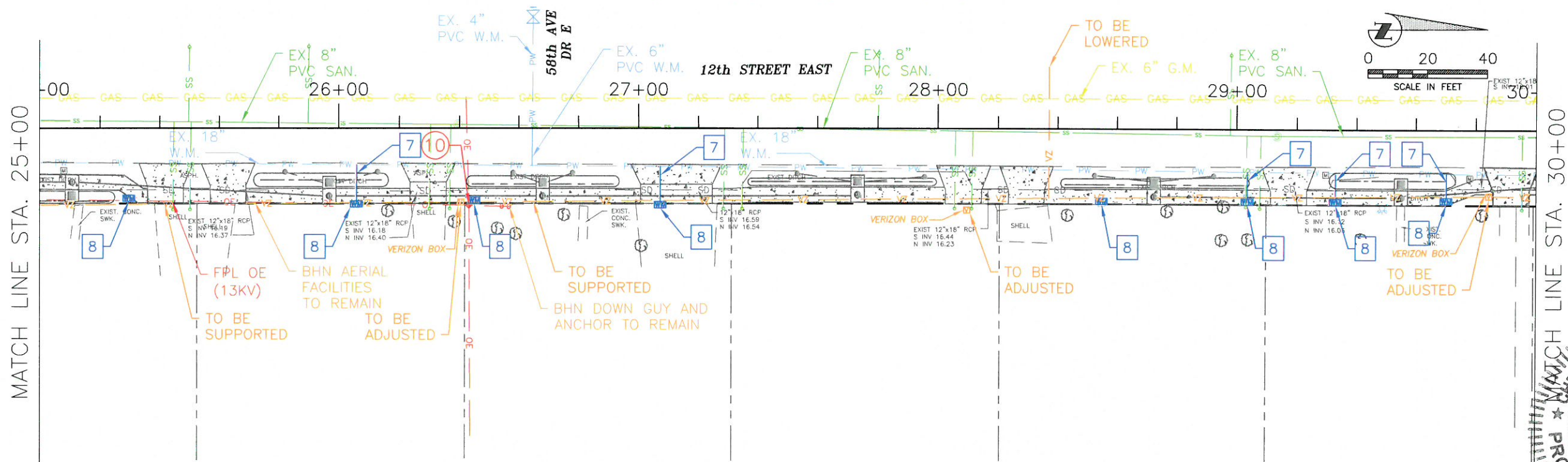


NO.	REVISION DESCRIPTION	BY	DATE
1	NOTES 11 AND 12 ADDED	TMF	11/16
PROJECT #	375-6059560		
SURVEY #	000		
SEC./TWN./RGE	00/00S/00E		
SCALE	1"=20'		
	BY	DATE	
SURVEYED	---	00/00/00	
DESIGNED	AM	09/25/15	
DRAWN	TMF	09/25/15	
CHECKED	CM/AM	09/25/15	
CHRIS L. MOWBRAY, P.E.			
FLORIDA P.E. # 46777			
Signature & Date			
UAS 1			

12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
UTILITY ADJUSTMENT SHEET
20+00 TO 30+00

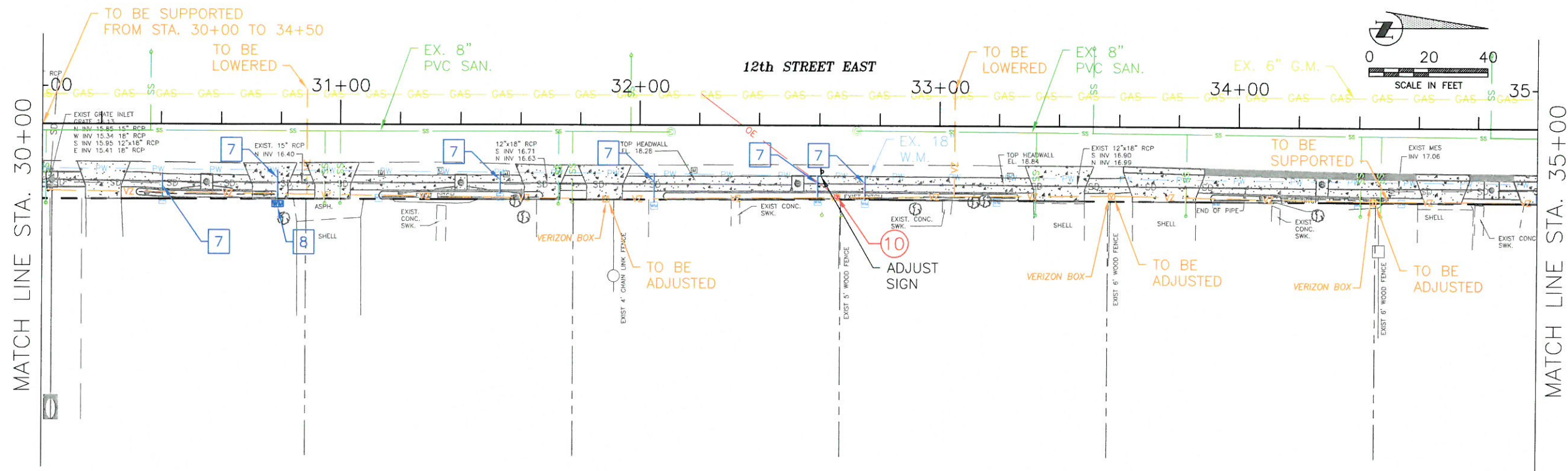


CALL THE SUNSHINE STATE
ONE CALL 1-800-432-4770
48 HOURS BEFORE DIGGING FOR THE
LOCATION OF UNDERGROUND UTILITIES

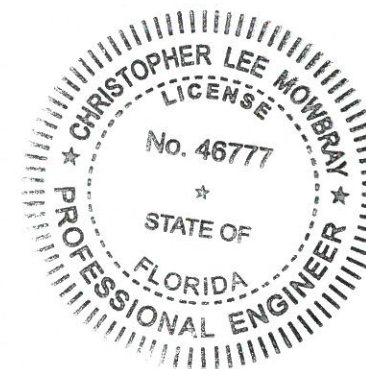
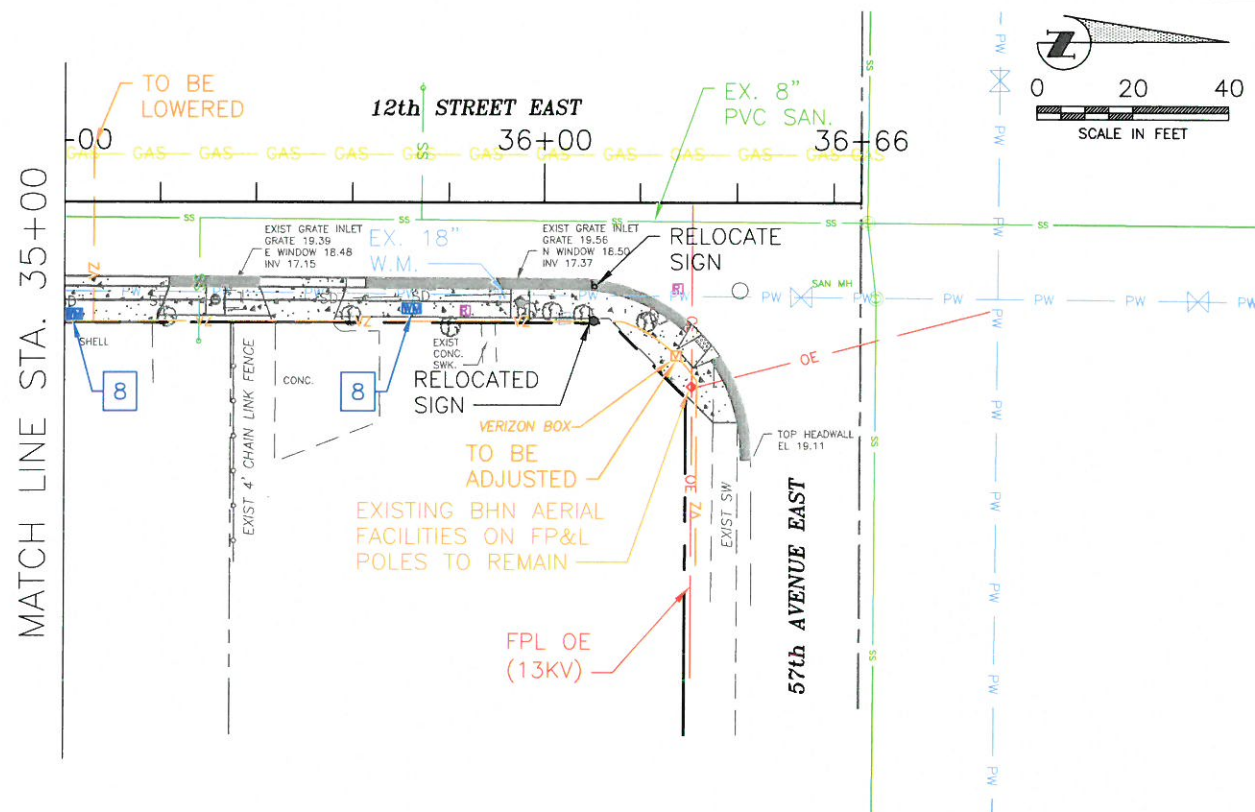


NO.	REVISION DESCRIPTION	BY	DATE
1	NOTES 11 AND 12 ADDED	TMF	11/16
PROJECT #	375-6059560		
SURVEY #	000		
SEC./TWN./RGE	00/00S/00E		
SCALE	1"=20'		
	BY	DATE	
SURVEYED	---	00/00/00	
DESIGNED	AM	09/25/15	
DRAWN	TMF	09/25/15	
CHECKED	CM/AM	09/25/15	
CHRIS L. MOWBRAY, P.E.			
FLORIDA P.E. # 46777			
Signature & Date			
UAS 2			

12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
UTILITY ADJUSTMENT SHEET
30+00 TO 36+66

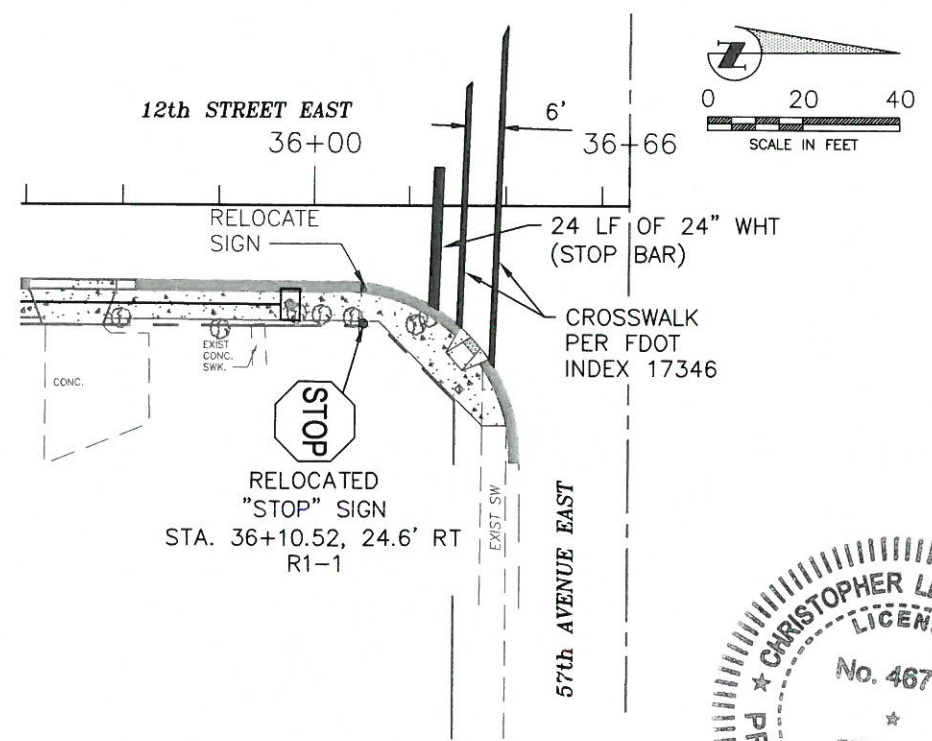
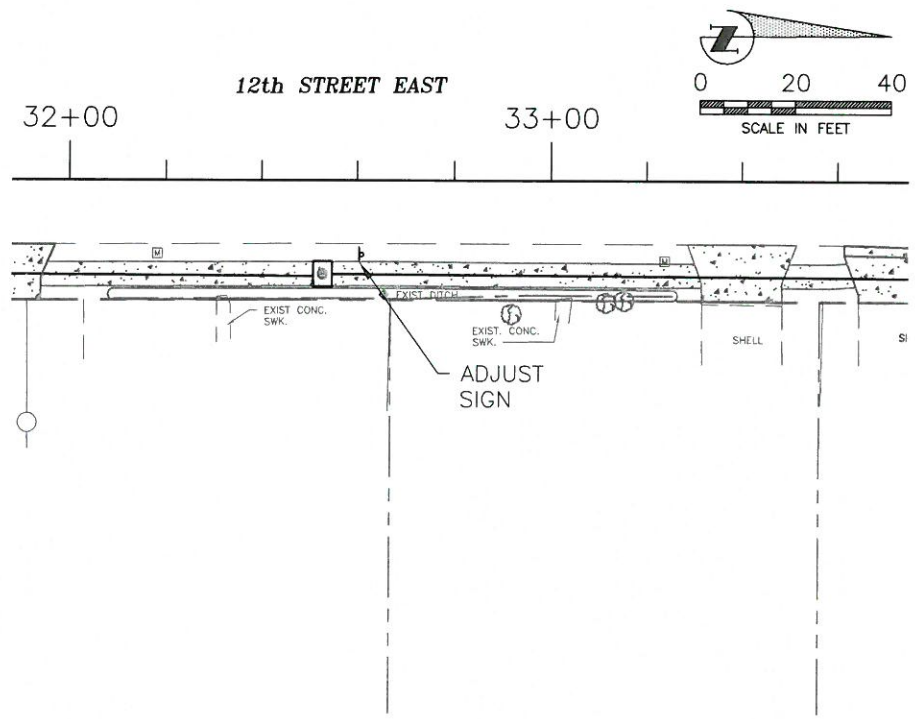
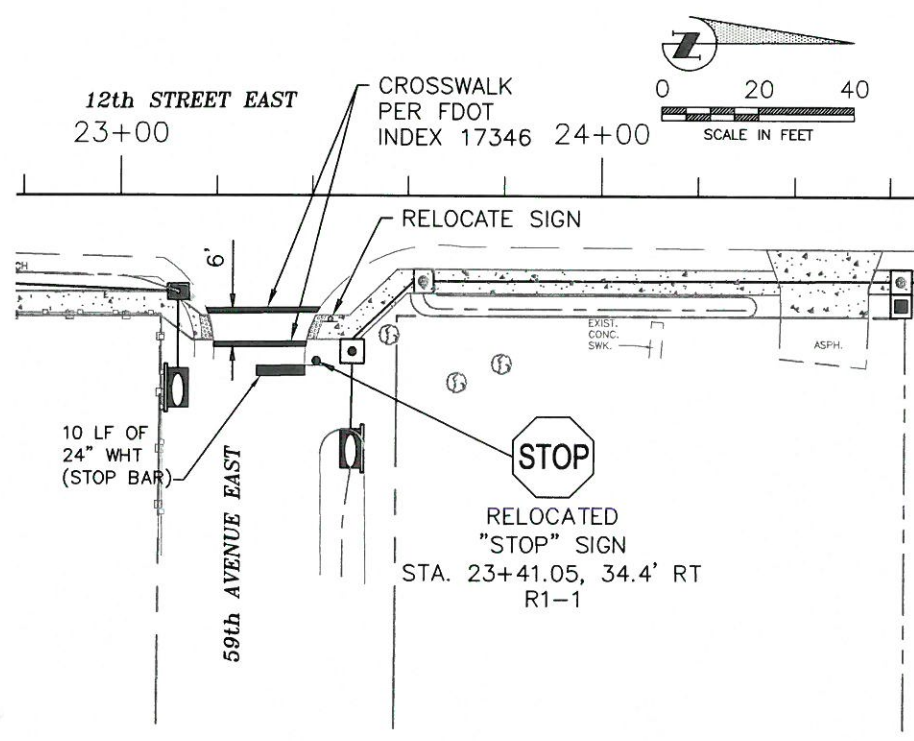
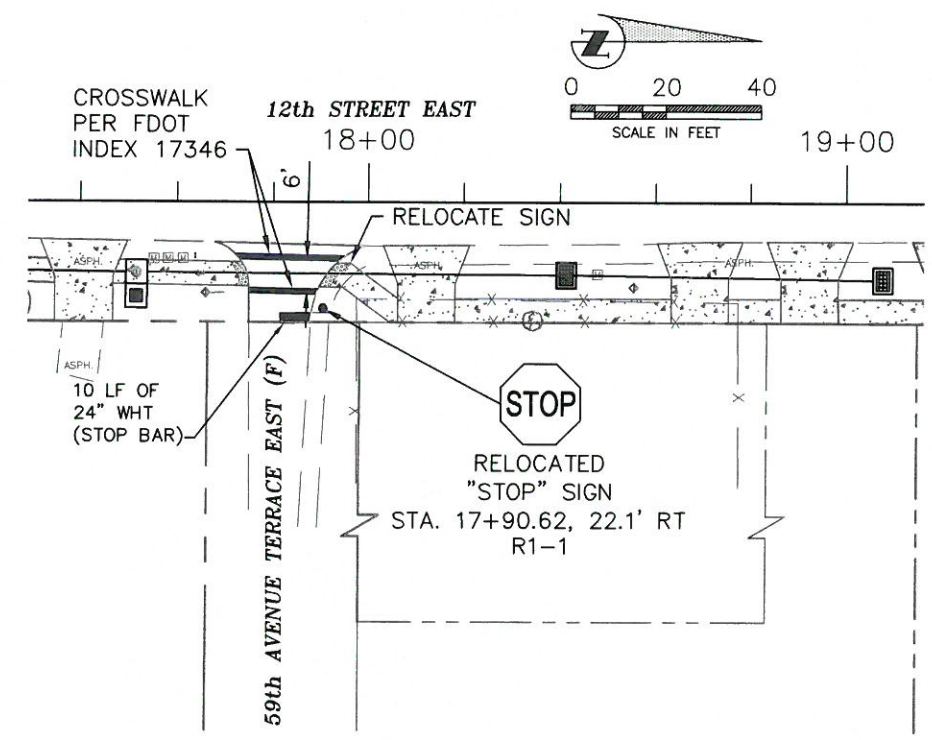
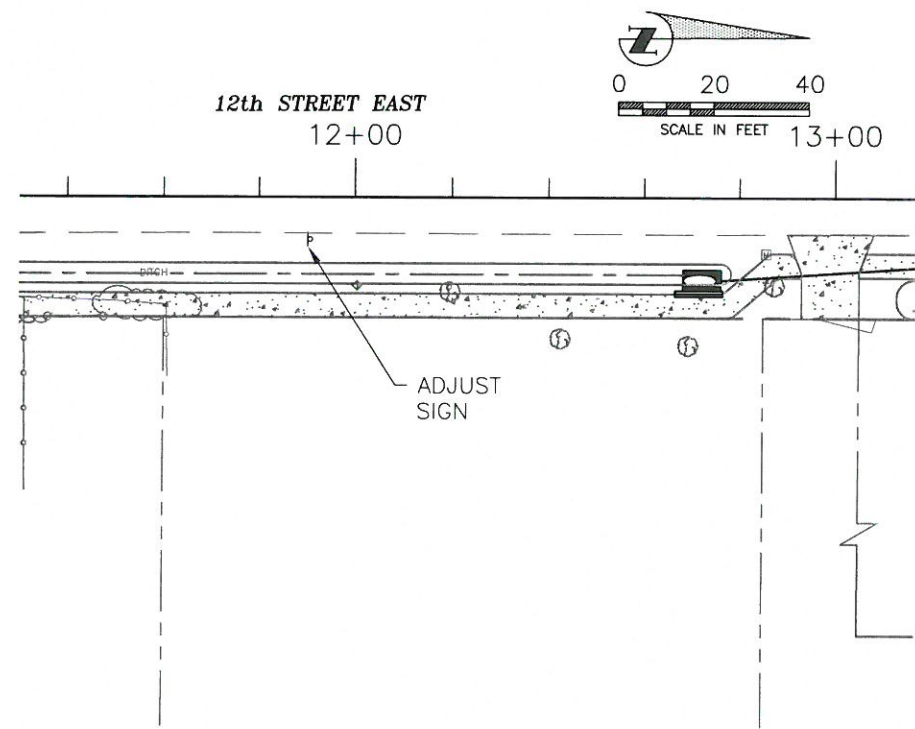
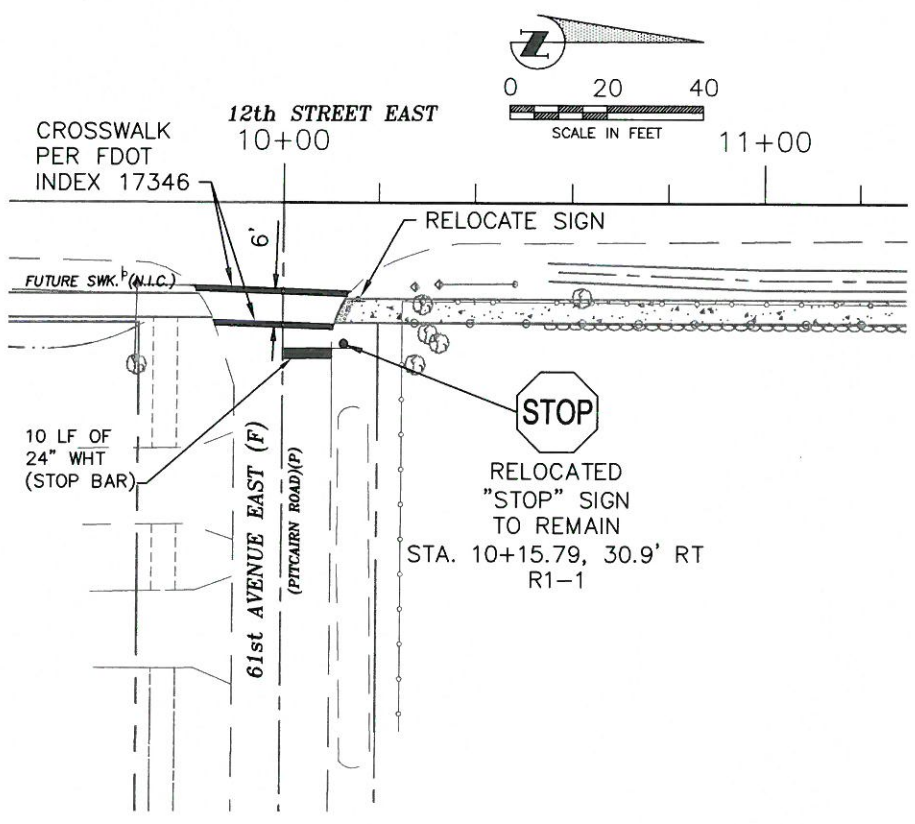


CALL THE SUNSHINE STATE
ONE CALL 1-800-432-4770
48 HOURS BEFORE DIGGING FOR THE
LOCATION OF UNDERGROUND UTILITIES



REVISION DESCRIPTION		BY	DATE

**12TH STREET EAST SIDEWALK
57TH AVE E-61ST AVE E
SIGNING AND PAVEMENT MARKING**



NO.	REVISION DESCRIPTION	BY	DATE
PROJECT #	375-6059560		
SURVEY #	000		
SEC./TWN./RGE	00/00S/00E		
SCALE	1"=20'		
		BY	DATE
SURVEYED	---	---	00/00/00
DESIGNED	---	---	07/28/16
DRAWN	---	---	07/28/16
CHECKED	---	---	07/29/16
CHRIS L. MOWBRAY, P.E.			
FLORIDA P.E. # 46777			
Signature & Date			

