

PLANS AND SPECIFICATIONS

CONTRACT PLANS FOR
CITY OF VENICE
DOWNTOWN ROADWAY
CORRIDOR IMPROVEMENTS

CITY PROJECT #: 2017-03
FDOT FINANCIAL PROJECT ID: 435092-1-58-01
FDOT EDTF #: 439455-1-54-01
FEDERAL FUNDS

CITY of VENICE
ENGINEERING DEPARTMENT
401 WEST VENICE AVENUE
Venice, Florida 34285
ph: (941) 486-2626

MAYOR AND CITY COUNCIL

JOHN HOLIC MAYOR
RICHARD CAUTERO.....VICE MAYOR
BOB DANIELS COUNCIL MEMBER
KIT McKEON..... COUNCIL MEMBER
FRED FRAIZE COUNCIL MEMBER
DEBORAH ANDERSON COUNCIL MEMBER
JEANETTE GATES..... COUNCIL MEMBER

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
LANDSCAPE PLANS
SIGNING & PAVEMENT MARKING PLANS
LIGHTING PLANS (PHASE 1)

INDEX OF ROADWAY PLANS

SHEET #	TITLE
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94	STORMWATER POLLUTION PREVENTION PLAN (SPPP)
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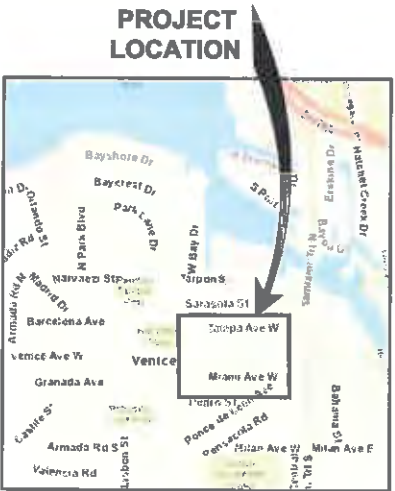
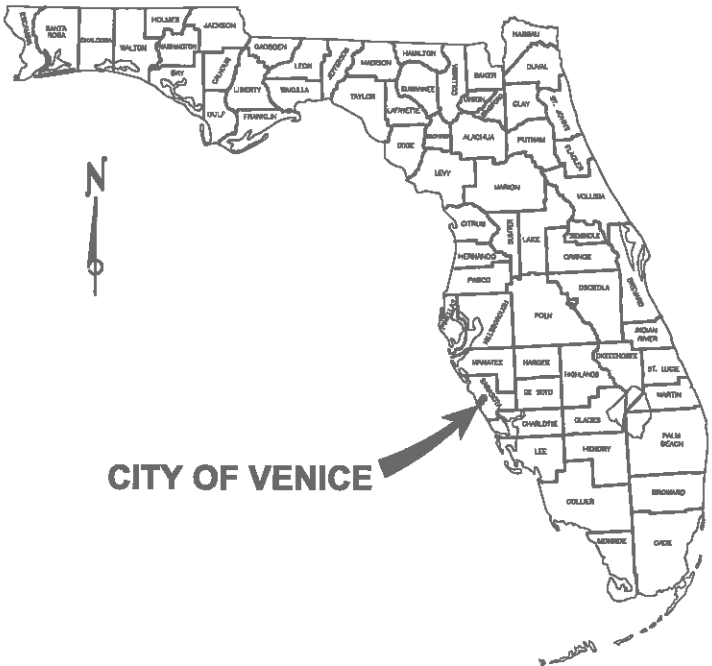
BID PLANS
02-28-18

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	6,422.96	1.216
BRIDGES	-----	-----
NET LENGTH OF PROJECT	6,422.96	1.216
EXCEPTIONS	-----	-----
GROSS LENGTH OF PROJECT	6,422.96	1.216

PROFESSIONAL ENGINEER
JOHN SALATINO
LICENSE # 60921
PHONE: 813-282-7275

DATE



LOCATION MAP

PREPARED BY:

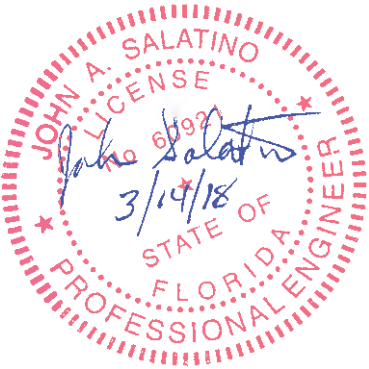
ATKINS
PRINCIPAL ADDRESS:
4030 W. BOY SCOUT BLVD.
SUITE 700
TAMPA, FL 33607-1712
CERT. OF AUTH. No. 24

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY 2017-18 Design Standards eBook (DSeB)
and applicable Design Standards Revisions (DSRs) at the following website:
<http://www.fdot.gov/roadway/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2018 Standard Specifications
for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



Know what's below.
Call before you dig.



-  PALM TREE
 OAK TREE
 PINE TREE
 WILLOW TREE
 CEDAR TREE
 UNKNOWN TREE
 PYGMY PALM DATE

			DESIGNED <u>MLM</u>			PREPARED BY:			PROJECT:		CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:		KEY PLAN	APPROVED BY:		DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 2
			DRAWN <u>MA</u>												JOHN SALATINO, P.E. _____ DATE _____ P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		
Page 891 of 1140			CHECKED <u>MLM</u>														
REV. NO.	DATE	DESCRIPTION															

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MANHOLE NOTE: FOR PLAN CLARITY, PROPOSED STORM SEWER MANHOLES ARE NOT ALL LABELED ON THIS MAP. SEE PLAN-PROFILE SHEETS FOR THESE STRUCTURES.

LEGEND
— PROPOSED STORMWATER PIPE
- - - EXISTING STORMWATER PIPE
— CATCHMENT DIVIDES

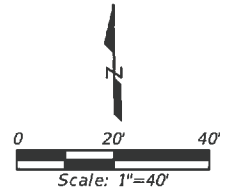
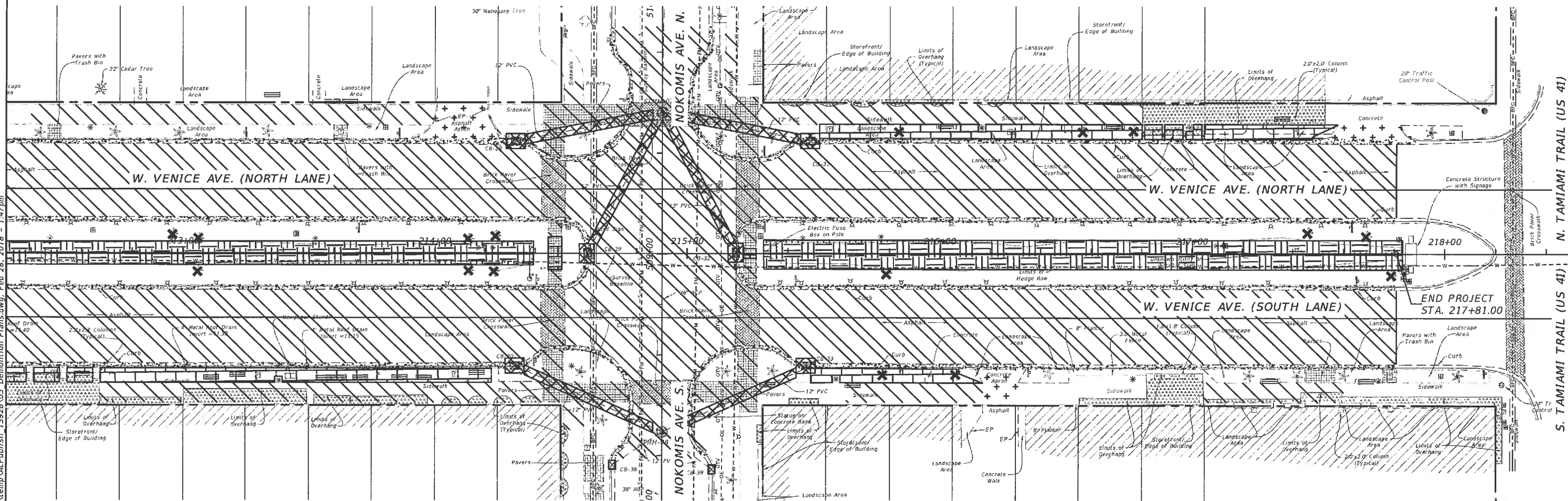
			DESIGNED MLM						CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DRAINAGE MAP		JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE 2/28/2018	
Page 892 of 1140			DRAWN MA												PROJECT NO.: 100054389	
REV. NO. DATE DESCRIPTION			CHECKED MLM													

LEGEND

	FULL DEPTH PAVEMENT REMOVAL		SIDEWALK REMOVAL
	DRIVEWAY REMOVAL		EXISTING DRAINAGE REMOVAL
	CURB AND GUTTER REMOVAL		LANDSCAPE REMOVAL
	EXISTING TREE REMOVAL		HARDSCAPE REMOVAL

			DESIGNED <u>MLM</u>		ATKINS	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TAMPA AVE. DEMOLITION PLAN STA.112+40 TO STA.118+40	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712 DATE _____	DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 5
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			CHECKED <u>MLM</u>						

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LEGEND

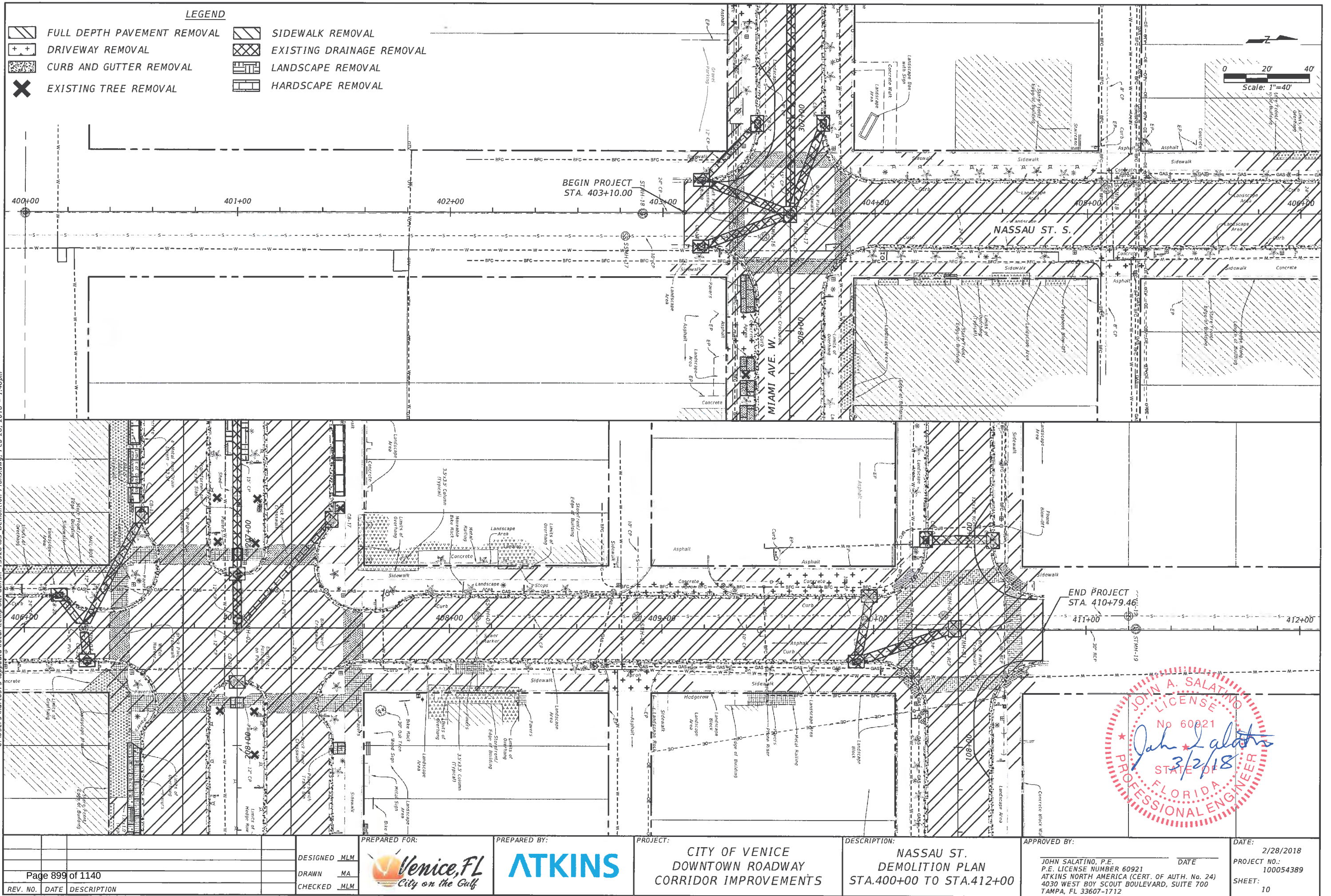
- | | | | |
|--|-----------------------------|--|---------------------------|
| | FULL DEPTH PAVEMENT REMOVAL | | SIDEWALK REMOVAL |
| | DRIVEWAY REMOVAL | | EXISTING DRAINAGE REMOVAL |
| | CURB AND GUTTER REMOVAL | | LANDSCAPE REMOVAL |
| | EXISTING TREE REMOVAL | | HARDSCAPE REMOVAL |

					DESIGNED <u>MLM</u>		PREPARED FOR:		PREPARED BY:	PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	VENICE AVE. DEMOLITION PLAN STA.212+40 TO STA.218+40	APPROVED BY:	 JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE	DATE:	2/28/2018		
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Page 896 of 1140																				
REV. NO.	DATE	DESCRIPTION																		

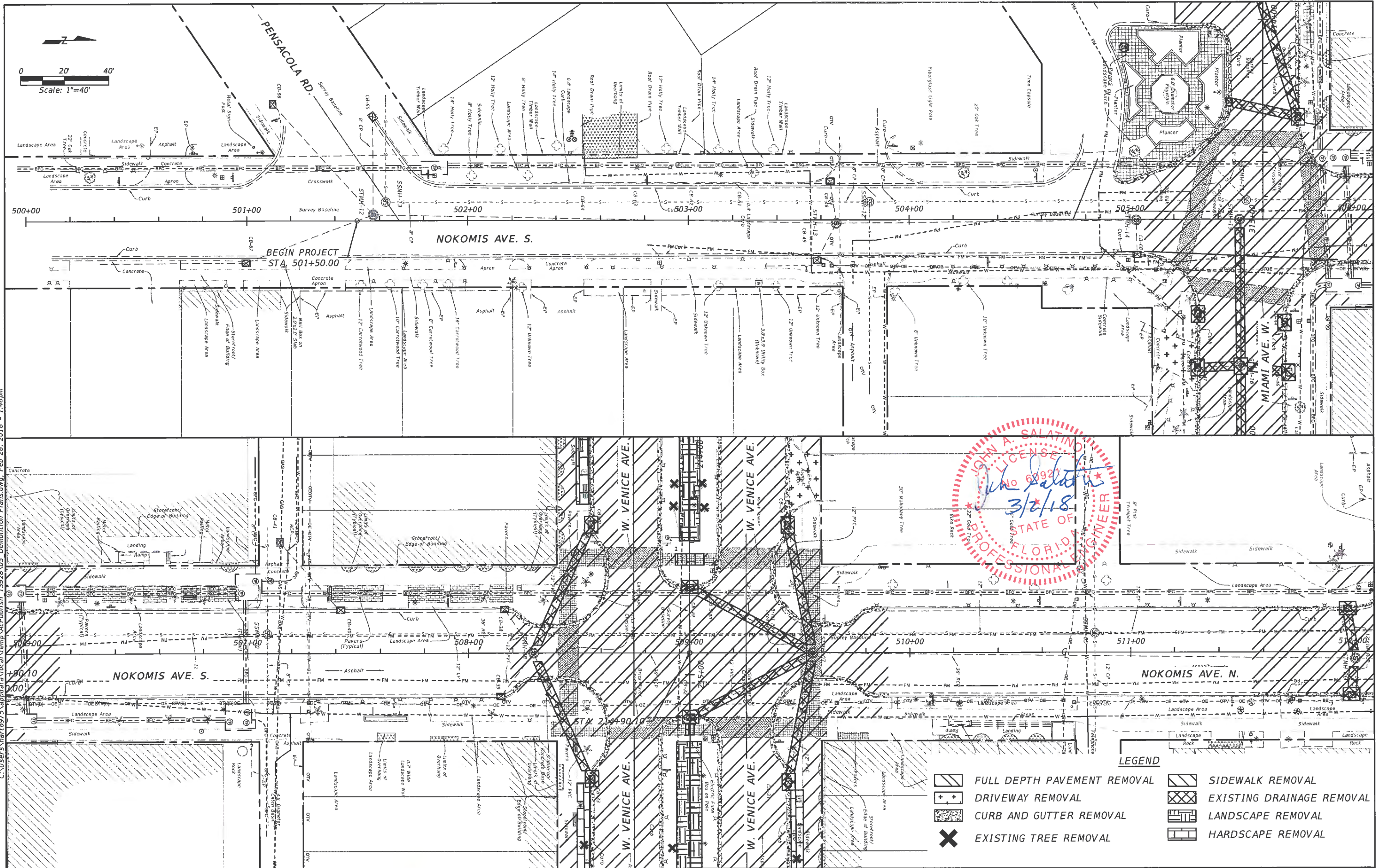
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	DRIVEWAY REMOVAL		EXISTING DRAINAGE REMOVAL
	CURB AND GUTTER REMOVAL		LANDSCAPE REMOVAL
	EXISTING TREE REMOVAL		HARDSCAPE REMOVAL

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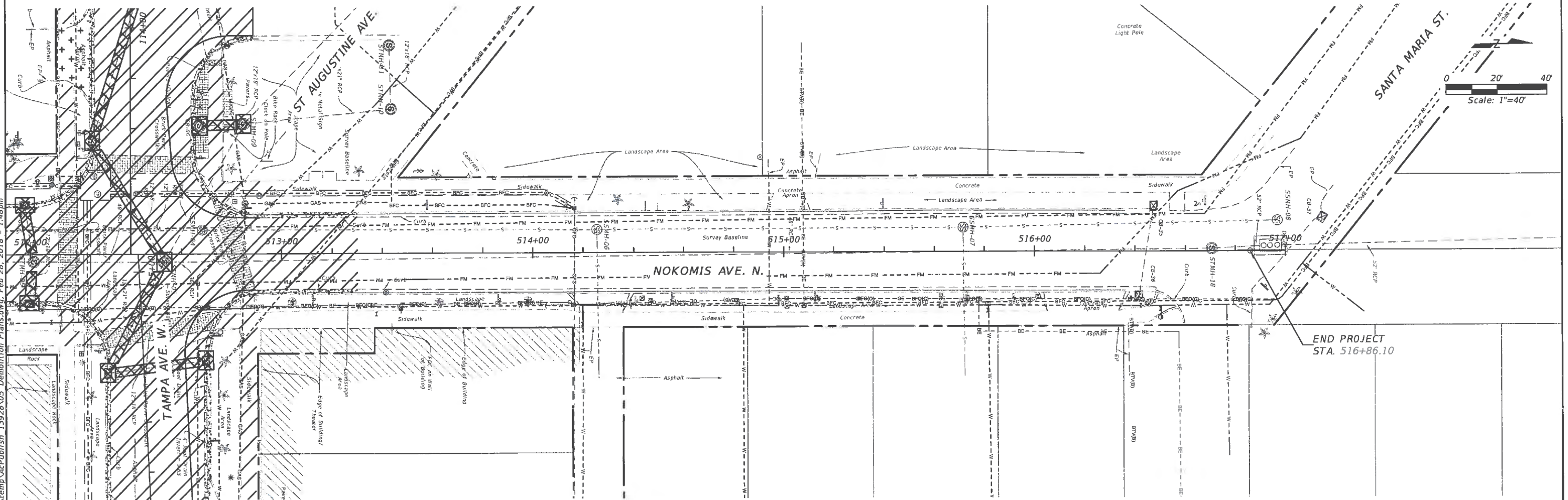
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- LEGEND**
- | | | | |
|--|-----------------------------|--|---------------------------|
| | FULL DEPTH PAVEMENT REMOVAL | | SIDEWALK REMOVAL |
| | DRIVEWAY REMOVAL | | EXISTING DRAINAGE REMOVAL |
| | CURB AND GUTTER REMOVAL | | LANDSCAPE REMOVAL |
| | EXISTING TREE REMOVAL | | HARDSCAPE REMOVAL |

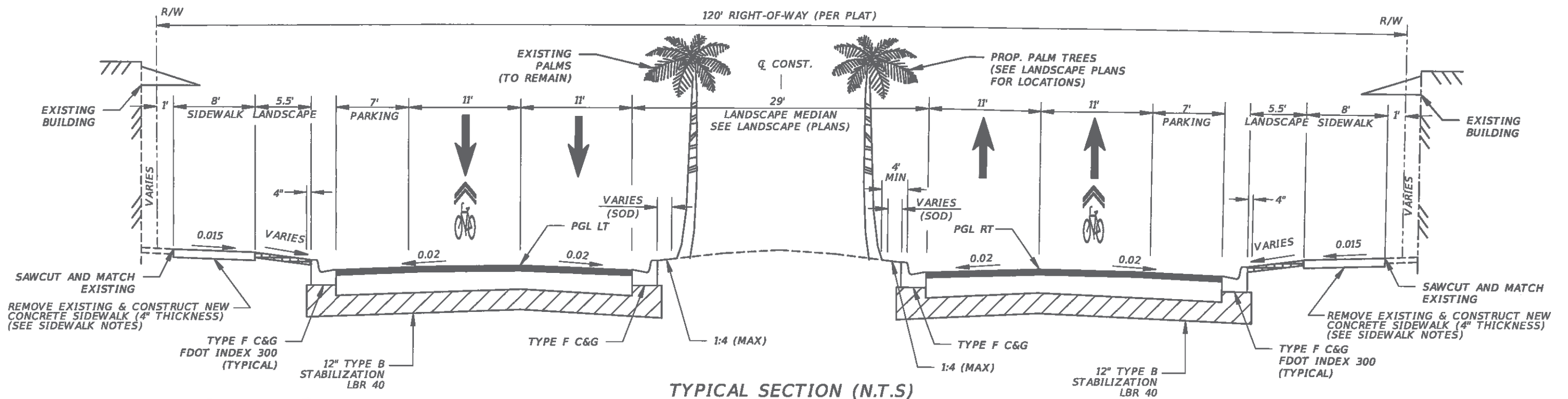
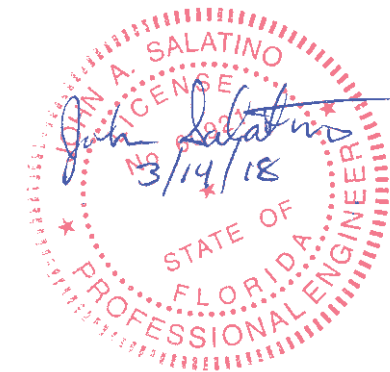
					DESIGNED <u>MLM</u>		PREPARED FOR:		PREPARED BY:	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	NOKOMIS AVE. DEMOLITION PLAN STA.500+00 TO STA.512+00	APPROVED BY:	JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE:	2/28/2018				
					DRAWN <u>MA</u>														PROJECT NO.:	100054389
					CHECKED <u>MLM</u>														SHEET:	11
Page 900 of 1140																				
REV. NO.	DATE	DESCRIPTION																		

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LEGEND			
	FULL DEPTH PAVEMENT REMOVAL		SIDEWALK REMOVAL
	DRIVEWAY REMOVAL		EXISTING DRAINAGE REMOVAL
	CURB AND GUTTER REMOVAL		LANDSCAPE REMOVAL
	EXISTING TREE REMOVAL		HARDSCAPE REMOVAL

			DESIGNED MLM			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: NOKOMIS AVE. DEMOLITION PLAN STA.512+00 TO STA.518+00	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018
Page 901 of 1140			DRAWN MA						PROJECT NO.: 100054389
REV. NO.	DATE	DESCRIPTION	CHECKED MLM						SHEET: 12



TYPICAL SECTION (N.T.S.)
W. VENICE AVENUE - HARBOR DRIVE TO N. TAMAMI TRAIL (US 41)
RECONSTRUCTION
(STA. 200+68.00 TO STA. 217+81.00)

TRAFFIC DATA

CURRENT YEAR = 2018 AADT = 8200-9500 (VPD)
T = 3.5 % (24 HOUR)
DESIGN SPEED = 20 MPH
POSTED SPEED = 20 MPH

SIDEWALK NOTES:

- EXISTING CONCRETE SIDEWALKS UNDERNEATH BUILDING CANOPIES WITH EXISTING COLUMNS ARE TO REMAIN.
- SOME EXISTING SIDEWALKS ARE TO BE REMOVED/REPLACED DUE TO POOR CONDITIONS OR NON-COMPLIANCE WITH ADA REQUIREMENTS. (SEE PLANS FOR APPROXIMATE LIMITS)
- SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE 6 INCHES THICK IN ACCORDANCE WITH FDOT INDEX 310.
- THE LIMITS OF SIDEWALK REMOVAL / REPLACEMENT ARE APPROXIMATE. THE LIMITS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

PROPOSED PAVEMENT STRUCTURE (ALL STREETS)

RECONSTRUCTION:
TYPE B STABILIZATION (12") (LBR 40) WITH
OPTIONAL BASE GROUP 9 AND
TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC B) (2.0")

ALTERNATIVE A - FULL-DEPTH PAVEMENT RECLAMATION:
FULL-DEPTH RECLAMATION (8") (SEE NOTE TO THE RIGHT)
WITH TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC B) (2.0")

PERMITTED OPTIONAL BASE NOTES

FOR RECONSTRUCTION, THE FOLLOWING BASE MATERIALS ARE PERMITTED FOR USE:

TYPE B-12.5 ASPHALT BASE (6.0") OR
RECYCLED CONCRETE AGGREGATE (LBR 150)(10.0")

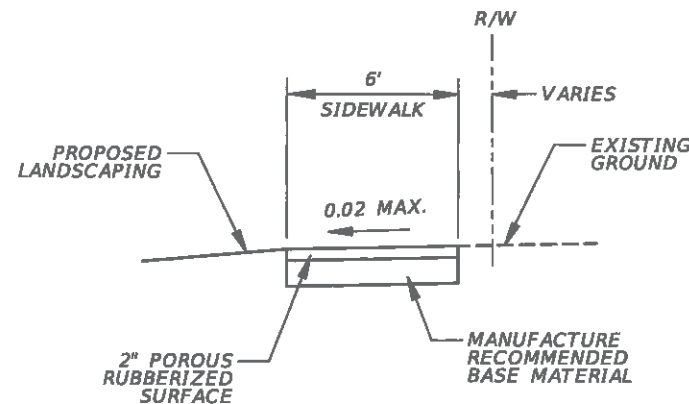
FOR ALTERNATIVE A, FULL-DEPTH PAVEMENT RECLAMATION, THE FOLLOWING WILL APPLY:

THE EXISTING PAVEMENT AND SOIL CEMENT BASE MATERIAL AND SUBGRADE SHALL BE CRUSHED AND BLENDED TO A MINIMUM DEPTH OF 8 INCHES BELOW THE PROPOSED FIRST LIFT OF ASPHALT. SEE THE TECHNICAL SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS. THE CONTRACTOR IS REQUIRED TO SUBMIT A RECYCLING MIX DESIGN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. THE RECYCLING MIX DESIGN SHALL PROVIDE A MINIMUM LAYER COEFFICIENT OF 0.34 PER INCH. RESILIENT MODULUS TESTING ASTM D7369 BY A CERTIFIED TESTING LABORATORY IS REQUIRED FOR VERIFICATION THAT THE CONSTRUCTED BASE COURSE COMPLIES WITH THE TECHNICAL SPECIAL PROVISIONS.

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DESIGNED MLM	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TYPICAL SECTIONS	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE 3/13/2018	DATE 3/13/2018
DRAWN MA						PROJECT NO.: 100054389	PROJECT NO.: 100054389
CHECKED MLM						SHEET: 13	SHEET: 13
Page 902 of 1140							
REV. NO.	DATE	DESCRIPTION					

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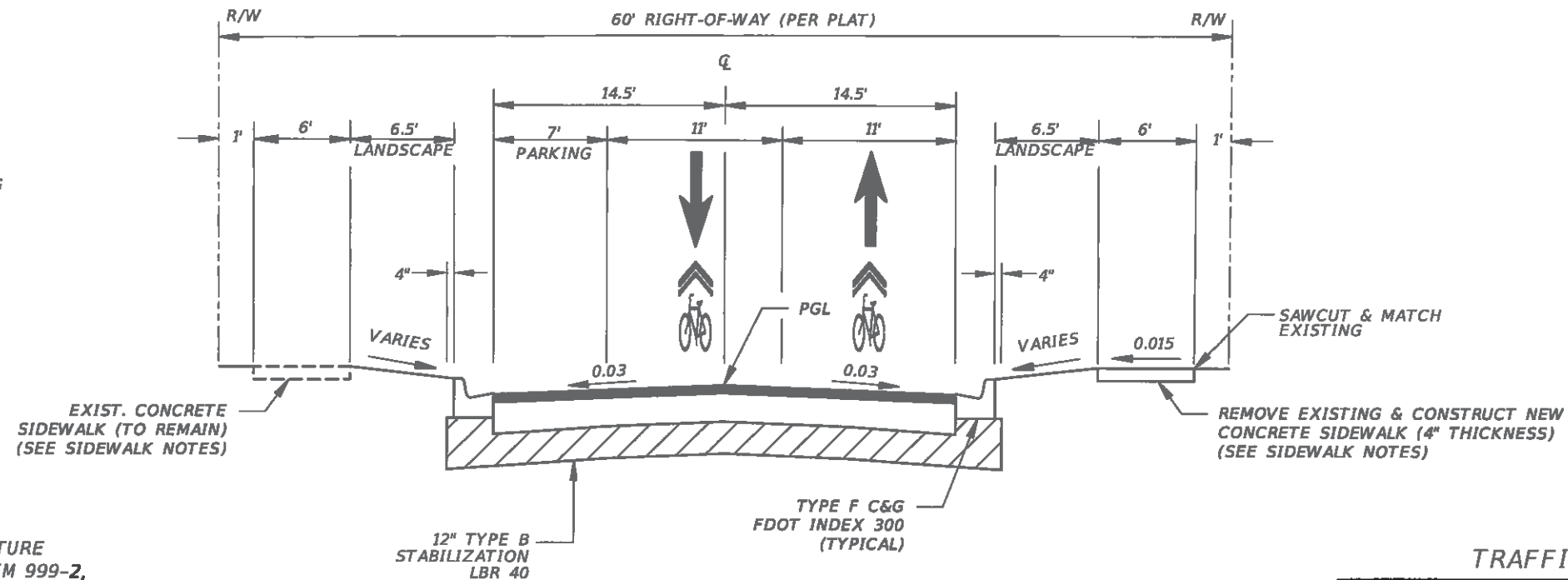
FLEXIBLE SIDEWALK DETAIL

FLEXIBLE SIDEWALK NOTES:

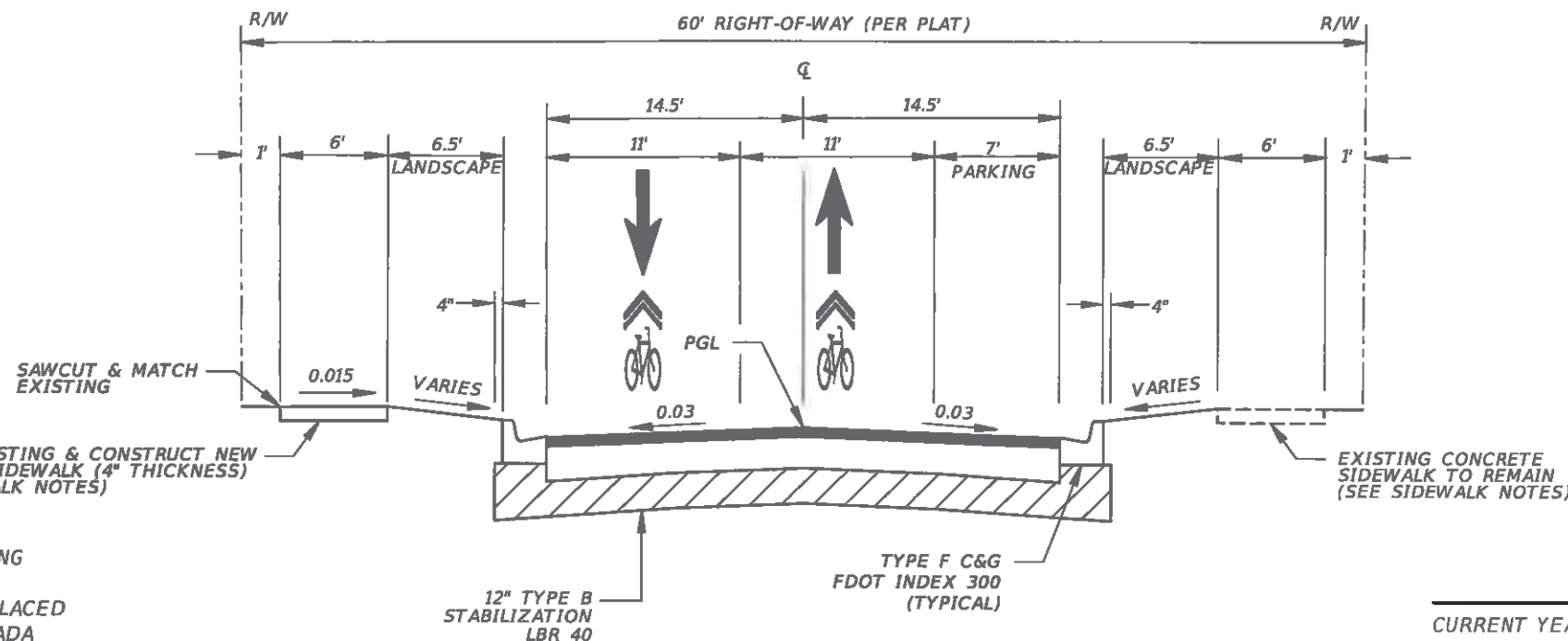
1. THE 2" POROUS RUBBERIZED SURFACE AND MANUFACTURE RECOMMENDED BASE MATERIAL ARE INCLUDED IN ITEM 999-2, FLEXIBLE SIDEWALK PER SQUARE YARD.
2. RECOMMENDED BASE MATERIAL IS ACCORDING TO EACH MANUFACTURERS SPECIFICATIONS.
3. APPROVED ALTERNATIVES FOR FLEXIBLE SIDEWALK INCLUDE:
 - 2" POROUS PAVE XL - POROUS PAVE
<http://www.porouspaveinc.com>
 - 1/2" WEAR LAYER ATOP 1 1/2" BASE LAYER - RUBBERWAY SIDEWALK
<https://www.rubberway.com/rubbersidewalks>
 - 2" FLEXI-PAVE - KBI FLEXI-PAVE
<http://kbius.com>

SIDEWALK NOTES:

1. EXISTING CONCRETE SIDEWALKS UNDERNEATH BUILDING CANOPIES WITH EXISTING COLUMNS ARE TO REMAIN.
2. SOME EXISTING SIDEWALKS ARE TO BE REMOVED/REPLACED DUE TO POOR CONDITIONS OR NON-COMPLIANCE WITH ADA REQUIREMENTS. (SEE PLANS FOR APPROXIMATE LIMITS)
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE 6 INCHES THICK IN ACCORDANCE WITH FDOT INDEX 310.
4. THE LIMITS OF SIDEWALK REMOVAL / REPLACEMENT ARE APPROXIMATE. THE LIMITS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.



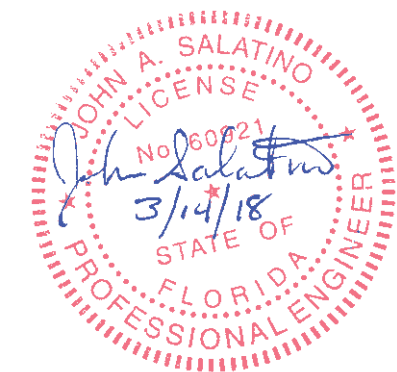
TYPICAL SECTION (N.T.S)
TAMPA AVENUE W. - HARBOR DRIVE N. TO N. TAMIAMI TRAIL (US 41)
RECONSTRUCTION
(STA. 100+41.00 TO STA. 117+76.80)



TYPICAL SECTION (N.T.S)
MIAMI AVENUE W. - HARBOR DRIVE S. TO N. TAMIAMI TRAIL (US 41)
RECONSTRUCTION
(STA. 300+42.00 TO STA. 317+92.00)

TRAFFIC DATA

CURRENT YEAR = 2018 AADT = 6000-8800 (VPD)
T = 3.5 % (24 HOUR)
DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH

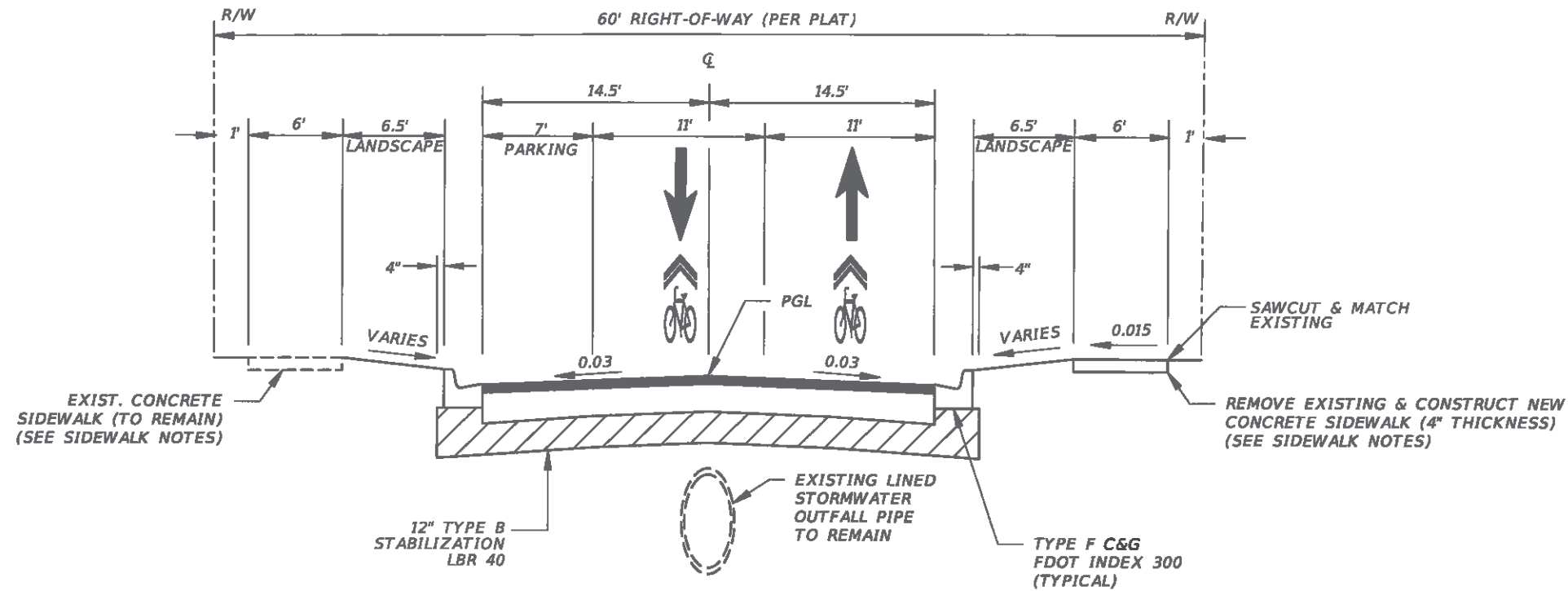


TRAFFIC DATA

CURRENT YEAR = 2018 AADT = 2000-4000 (VPD)
T = 2.5 % (24 HOUR)
DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH

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DRAWN MA															P.E. LICENSE NUMBER 60921			PROJECT NO.: 100054389		
CHECKED MLM															ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)			SHEET: 14		
REV. NO. DATE DESCRIPTION															4030 WEST BOY SCOUT BOULEVARD, SUITE 700					
															TAMPA, FL 33607-1712					

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DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH

TYPICAL SECTION (N.T.S)
NASSAU ST. N. - MIAMI AVE TO TAMPA AVE W.
RECONSTRUCTION
(STA. 403+10.00 TO STA. 410+80.00)

SIDEWALK NOTES:

1. EXISTING CONCRETE SIDEWALKS UNDERNEATH BUILDING CANOPIES WITH EXISTING COLUMNS ARE TO REMAIN.
2. SOME EXISTING SIDEWALKS ARE TO BE REMOVED/REPLACED DUE TO POOR CONDITIONS OR NON-COMPLIANCE WITH ADA REQUIREMENTS. (SEE PLANS FOR APPROXIMATE LIMITS)
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE 6 INCHES THICK IN ACCORDANCE WITH FDOT INDEX 310.
4. THE LIMITS OF SIDEWALK REMOVAL / REPLACEMENT ARE APPROXIMATE. THE LIMITS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.



DESIGNED <u>MLM</u>			PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TYPICAL SECTIONS		APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE: 3/13/2018	
DRAWN <u>MA</u>			CHECKED <u>MLM</u>										PROJECT NO.: 100054389	
REV. NO.			DATE		DESCRIPTION								SHEET: 15	

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City of Venice Sidewalks				
Tampa Ave.	Begin Station	End Station	Side	Sidewalk Width
	100+49.00	100+82.00	LT.	6.00'
	100+65.00	100+71.00	RT.	6.00'
	101+20.00	101+35.00	LT.	6.00'
	101+52.00	101+87.00	LT.	6.00'
	102+04.00	102+08.00	LT.	6.00'
	102+64.00	102+90.00	RT.	6.00'
	103+29.00	103+50.00	LT.	6.00'
	103+39.00	103+70.00	RT.	6.00'
	104+83.00	105+17.00	RT.	6.00'
	106+80.00	107+16.00	LT.	6.00'
	107+11.00	107+16.00	RT.	6.00'
	107+74.00	108+10.00	LT.	6.00'
	108+50.00	112+55.00	RT.	6.00'
	108+60.00	109+66.00	LT.	6.00'
	109+92.00	110+05.00	LT.	6.00'
	110+67.00	110+89.00	LT.	6.00'
	112+45.00	113+61.00	LT.	6.00'
	113+25.00	113+98.00	RT.	6.00'
	114+23.00	114+51.00	LT.	6.00'
	114+23.00	114+51.00	RT.	6.00'
	115+25.00	117+60.00	LT.	6.00'
	116+85.00	116+94.00	RT.	5.00'
	117+13.00	117+23.00	RT.	5.00'

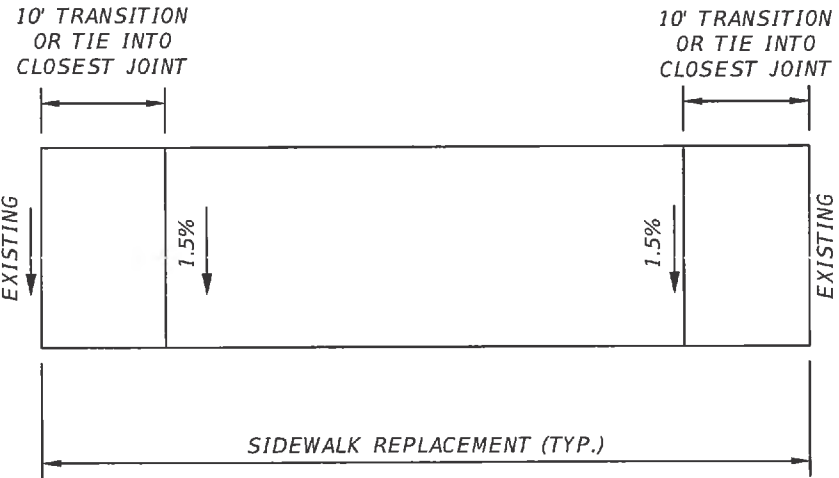
City of Venice Sidewalks				
Miami Ave.	Begin Station	End Station	Side	Sidewalk Width
	300+55.00	300+60.00	RT.	6.00'
	300+64.00	301+63.00	LT.	6.00'
	302+17.00	303+02.00	LT.	6.00'
	302+79.00	303+34.00	RT.	6.00'
	303+40.00	304+09.00	LT.	6.00'
	304+22.00	304+38.00	LT.	6.00'
	305+11.00	305+31.00	RT.	6.00'
	305+94.00	307+16.00	LT.	6.00'
	306+12.00	306+41.00	RT.	6.00'
	306+55.00	307+16.00	RT.	6.00'
	307+74.00	307+92.00	RT.	6.00'
	307+74.00	309+10.00	LT.	6.00'
	308+12.00	308+63.00	RT.	6.00'
	309+83.00	310+18.00	LT.	6.00'
	310+28.00	310+50.00	RT.	6.00'
	310+69.00	311+21.00	RT.	6.00'
	311+19.00	311+45.00	LT.	6.00'
	312+30.00	312+45.00	LT.	6.00'
	312+38.00	313+53.00	RT.	6.00'
	312+65.00	312+99.00	LT.	6.00'
	313+23.00	313+54.00	LT.	6.00'
	314+41.00	314+46.00	LT.	6.00'
	315+43.00	315+53.00	RT.	5.00'
	315+67.00	317+30.00	RT.	5.00'

City of Venice Sidewalks				
Nokomis Ave.	Begin Station	End Station	Side	Sidewalk Width
	505+09.00	505+17.00	RT.	5.00'
	505+89.00	505+99.00	RT.	5.00'
	505+94.00	506+14.00	LT.	8.00'
	508+30.00	508+41.00	LT.	8.00'
	508+38.00	508+41.00	RT.	7.00'
	509+59.00	509+68.00	LT.	7.50'
	509+59.00	509+90.00	RT.	5.00'
	511+88.00	512+12.00	LT.	8.00'
	512+79.00	512+96.00	LT.	6.00'



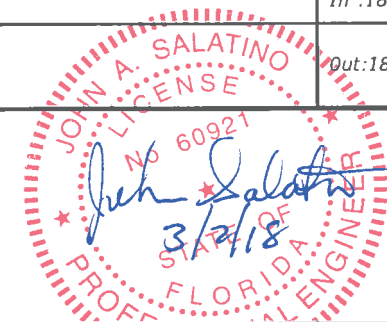
City of Venice Sidewalks				
Venice Ave.	Begin Station	End Station	Side	Sidewalk Width
	200+68.00	204+40.00	LT.	8.00'
	200+68.00	204+15.00	RT.	8.00'
	204+63.00	205+40.00	RT.	8.00'
	205+90.00	206+40.00	RT.	9.00'
	207+01.00	207+06.00	LT.	9.00'
	207+84.00	207+94.00	LT.	8.00'
	208+25.00	210+25.00	RT.	8.00'
	210+40.00	210+79.00	LT.	8.00'
	211+75.00	212+25.00	RT.	8.00'
	212+40.00	213+99.00	LT.	8.00'
	212+67.00	214+43.00	RT.	8.00'
	215+28.00	216+80.00	LT.	8.00'
	215+28.00	216+17.00	RT.	8.00'
	217+05.00	217+60.00	RT.	8.00'

City of Venice Sidewalks				
Nassau St.	Begin Station	End Station	Side	Sidewalk Width
	403+04.00	403+31.00	RT.	5.00'
	403+11.00	403+31.00	LT.	5.00'
	403+89.00	404+53.00	RT.	6.00'
	403+89.00	403+99.00	LT.	6.00'
	404+12.00	404+32.00	LT.	6.00'
	404+71.00	405+04.00	RT.	6.00'
	405+29.00	405+66.00	RT.	8.00'
	405+69.00	406+41.00	LT.	9.00'
	406+39.00	406+41.00	RT.	8.00'
	407+59.00	408+34.00	RT.	8.00'
	408+27.00	408+50.00	LT.	6.00'
	408+52.00	408+73.00	RT.	7.00'
	408+97.00	409+15.00	RT.	8.00'
	409+25.00	409+56.00	LT.	6.00'
	409+50.00	410+03.00	RT.	8.00'
	409+94.00	410+11.00	LT.	6.00'
	410+69.00	410+76.00	RT.	8.50'
	410+69.00	410+79.00	LT.	6.00'



SIDEWALK REPLACEMENT DETAIL (N.T.S.)

NOTE: "EOP/RIM ELEV." REFERS TO THE PROPOSED EDGE OF PAVEMENT ELEVATION AT THE REFERENCED STATION FOR ALL CURB INLETS AND GUTTER INLETS (TYPE V), AND REFERS TO THE ELEVATION OF THE TOP OF THE RIM OR GRATE FOR ALL MANHOLES AND DITCH BOTTOM INLETS.



					DESIGNED <u>MLM</u>		PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: NASSAU SYSTEM DRAINAGE STRUCTURE TABLES	APPROVED BY: 	DATE: 2/28/2018	
					DRAWN <u>MA</u>							PROJECT NO.: 100054389
					CHECKED <u>MLM</u>							
Page 906 of 1140												
REV. NO.	DATE	DESCRIPTION										

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STRUCTURE TABLE								
Q T Y	STR. #	STATION	OFFSET	SIDE	BASELINE	DESCRIPTION	CONNECTED PIPE	EOP/RIM ELEV.
P	S-301A	301+72.23	-34.57'	Lt.	AL_MIAMI	Index No. 233 - Ditch Bottom Inlet - Type F, Alt. G	Out:18" Round Concrete Pipe @ ELEV 10.60', S	13.65'
P	MH-300A	303+68.62	4.00'	Rt.	AL_MIAMI	CIP Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 5.0' Dia. Round Bottom)	Out:19"X30" Horizontal Elliptical Concrete Pipe @ ELEV 10.10', E In :19"X30" Horizontal Elliptical Concrete Pipe @ ELEV 10.10', W In :18" Round Concrete Pipe @ ELEV 10.20', S	13.57'
P	S-302	304+70.00	15.25'	Rt.	AL_MIAMI	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 9.90', N	12.96'
P	S-303	304+70.00	-15.25'	Lt.	AL_MIAMI	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 9.90', S	12.96'
P	MH-302	304+70.00	4.00'	Rt.	AL_MIAMI	CIP Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 6.0' Dia. Round Bottom)	Out:24"x38" Horizontal Elliptical Concrete Pipe @ ELEV 9.80', E In :18" Round Concrete Pipe @ ELEV 9.80', S In :18" Round Concrete Pipe @ ELEV 9.80', N In :19"X30" Horizontal Elliptical Concrete Pipe @ ELEV 9.80', W	13.27'
P	S-305	306+67.00	-15.25'	Lt.	AL_MIAMI	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 9.40', S	12.72'
P	MH-304	306+70.21	4.00'	Rt.	AL_MIAMI	CIP Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 7.0' Dia. Round Bottom)	Out:24"x38" Horizontal Elliptical Concrete Pipe @ ELEV 9.30', E In :24"x38" Horizontal Elliptical Concrete Pipe @ ELEV 9.30', W In :18" Round Concrete Pipe @ ELEV 9.30', N In :18" Round Concrete Pipe @ ELEV 9.30', S	13.02'
P	S-304	306+72.50	15.25'	Rt.	AL_MIAMI	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 9.40', N	12.71'
P	S-400	403+18.00	15.25'	Rt.	AL_NASSAU	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 9.80', W	13.23'
P	S-401	403+18.00	-15.25'	Lt.	AL_NASSAU	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 9.80', E	13.08'
P	MH-400	403+18.13	0.55'	Rt.	AL_NASSAU	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 4.0' Dia. Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 9.70', N In :18" Round Concrete Pipe @ ELEV 9.70', E In :18" Round Concrete Pipe @ ELEV 9.70', W In :24" Round Concrete Pipe @ ELEV 9.70', S	13.67'
P	MH-400B	403+60.00	0.56'	Rt.	AL_NASSAU	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 7.0' Dia. Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 9.03', N In :24" Round Concrete Pipe @ ELEV 9.05', S In :24"x38" Horizontal Elliptical Concrete Pipe @ ELEV 9.03', W	13.82'
P	S-400A	405+15.44	-33.33'	Lt.	AL_NASSAU	Index No. 233 - Ditch Bottom Inlet - Type F, Alt. G	Out:18" Round Concrete Pipe @ ELEV 8.80', E	13.04'
P	MH-400A	405+15.51	0.21'	Rt.	AL_NASSAU	Index No. 201 - Type 8 Manhole (Concentric Cone with 1 or 2-Piece Cover (Center), Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 8.41', N In :24" Round Concrete Pipe @ ELEV 8.41', S In :18" Round Concrete Pipe @ ELEV 8.40', W	13.22'
P	S-403	406+05.75	-15.25'	Lt.	AL_NASSAU	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 8.20', E	12.45'
P	S-402	406+05.75	15.25'	Rt.	AL_NASSAU	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 8.20', W	12.45'

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			DESIGNED <u>MLM</u>			CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	NASSAU SYSTEM DRAINAGE STRUCTURE TABLES		APPROVED BY: _____	DATE: 2/28/2018
			DRAWN <u>MA</u>						PROJECT NO.: 100054389	
Page 908 of 1140			CHECKED <u>MLM</u>						SHEET: 19	
REV. NO.	DATE	DESCRIPTION								

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STRUCTURE TABLE								
Q T Y	STR. #	STATION	OFFSET	SIDE	BASELINE	DESCRIPTION	CONNECTED PIPE	EOP/RIM ELEV.
P	MH-402	406+05.75	0.00'	Rt.	AL_NASSAU	Index No. 201 - Type 8 Manhole (Concentric Cone with 1 or 2-Piece Cover (Edge), Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 8.05', N In :18" Round Concrete Pipe @ ELEV 8.10', E In :18" Round Concrete Pipe @ ELEV 8.10', W In :24" Round Concrete Pipe @ ELEV 8.05', S	12.88'
P	MH-208A	406+69.25	0.12'	Rt.	AL_NASSAU	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 6.0' Dia. Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 7.98', N In :24" Round Concrete Pipe @ ELEV 7.96', S In :30" Round Concrete Pipe @ ELEV 8.00', W	13.15'
P	S-405	409+67.45	-16.13'	Lt.	AL_NASSAU	Index No. 221 - Gutter Inlet - Type V	Out:14"x23" Horizontal Elliptical Concrete Pipe @ ELEV 8.00', E	10.75'
P	S-404	409+67.45	15.25'	Rt.	AL_NASSAU	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 6.10', W	10.75'
P	MH-404	409+67.45	-0.27'	Lt.	AL_NASSAU	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 4.0' Dia. Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 6.00', N In :18" Round Concrete Pipe @ ELEV 6.00', E In :14"x23" Horizontal Elliptical Concrete Pipe @ ELEV 7.80', W In :24" Round Concrete Pipe @ ELEV 6.10', S	11.17'
P	MH-404A	410+54.00	-0.43'	Lt.	AL_NASSAU	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 7.0' Dia. Round Bottom)	Out:36" Round Concrete Pipe @ ELEV 5.30', N In :36" Round Concrete Pipe @ ELEV 5.30', S In :24"x38" Horizontal Elliptical Concrete Pipe @ ELEV 6.20', W In :18" Round Concrete Pipe @ ELEV 5.60', E	10.89'
P	STMH-04	210+80.02	-0.38'	Lt.	AL_VENICE	Exist. MH to be modified	Out:12" Pipe to remain @ ELEV 9.83', W In :12" Round Concrete Pipe @ ELEV 9.80', NE	13.09'

NOTE: "EOP/RIM ELEV." REFERS TO THE PROPOSED EDGE OF PAVEMENT ELEVATION AT THE REFERENCED STATION FOR ALL CURB INLETS AND GUTTER INLETS (TYPE V), AND REFERS TO THE ELEVATION OF THE TOP OF THE RIM OR GRATE FOR ALL MANHOLES AND DITCH BOTTOM INLETS.



Page 909 of 1140			DESIGNED <u>MLM</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: NASSAU SYSTEM DRAINAGE STRUCTURE TABLES	APPROVED BY:  JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 20
REV. NO.	DATE	DESCRIPTION	CHECKED <u>MLM</u>						

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PIPE TABLE				
QTY	FROM STR.	TO STR.	PIPE SIZE (in)	LENGTH (ft)
F	S-100A	S-101A	18	28
F	S-100	S-101	18	28
F	S-102	S-103	18	25
F	S-101A	S-101	24	232
F	S-103	MH-404A	24 x 38	65
F	S-101	S-103	24 x 38	205
F	MH-200A	MH-201	18	217
F	MH-201	MH-203	18	27
F	MH-203	MH-207	24	158
F	MH-207	MH-205	24	18
F	MH-211	MH-209	30	28
F	S-200	S-201	18	28
F	S-201	MH-201	18	12
F	S-203	MH-203	18	12
F	S-202	S-203	18	28
F	S-206	S-207	18	30

PIPE TABLE				
QTY	FROM STR.	TO STR.	PIPE SIZE (in)	LENGTH (ft)
F	S-207	MH-207	18	11
F	S-204	S-205	18	28
F	S-205	MH-205	18	12
F	S-210	S-211	18	28
F	S-211	MH-211	18	11
F	S-209	MH-208	18	14
F	S-300	MH-300	14 x 23	8
F	S-303	MH-302	18	15
F	S-302	MH-302	18	7
F	MH-302	MH-304	24 x 38	195
F	S-304	MH-304	18	7
F	MH-304	MH-400B	24 x 38	70
F	S-104	S-105	18	28
F	S-105	MH-404A	18	93
F	STMH-20	MH-300	18	101
F	S-402	MH-402	18	12
F	S-403	MH-402	18	13
F	S-404	MH-404	18	13
F	S-405	MH-404	14 x 23	13

PIPE TABLE				
QTY	FROM STR.	TO STR.	PIPE SIZE (in)	LENGTH (ft)
F	S-301	MH-300	14 x 23	16
F	S-400	MH-400	18	12
F	S-401	MH-400	18	13
F	MH-300A	MH-302	19 x 30	98
F	S-305	MH-304	18	15
F	S-400A	MH-400A	18	32
F	MH-300	MH-301A	19 x 30	32
F	S-301A	MH-301A	18	37
F	MH-301A	MH-300A	19 x 30	190
F	CONC. COLLAR	MH-300A	18	10
F	MH-205	MH-211	30	147
F	S-208	MH-208	18	10
F	MH-209	MH-208	30	10
F	MH-208	MH-208A	30	68
F	S-215	STMH-04	12	22



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STRUCTURE TABLE								
Q T Y	STR. #	STATION	OFFSET	SIDE	BASELINE	DESCRIPTION	CONNECTED PIPE	EOP/RIM ELEV.
P	S-106	110+20.00	15.25'	Rt.	AL_TAMPA	Index No. 214 - Curb Inlet Type 9 with Round Bottom	Out:18" Round Concrete Pipe @ ELEV 4.60', NE	10.21'
P	S-107	110+20.00	-15.25'	Lt.	AL_TAMPA	Index No. 214 - Curb Inlet Type 9 with Round Bottom	Out:18" Round Concrete Pipe @ ELEV 4.60', SE	10.21'
P	MH-106	110+33.00	8.84'	Rt.	AL_TAMPA	Index No. 201 - Type 8 Manhole (Concentric Cone with 1 or 2-Piece Cover (Edge), 4.0' Dia. Round Bottom)	Out:18" Round Concrete Pipe @ ELEV 4.50', E In :18" Round Concrete Pipe @ ELEV 4.50', NW In :18" Round Concrete Pipe @ ELEV 4.50', SW	10.42'
P	S-109	113+18.30	-15.25'	Lt.	AL_TAMPA	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 4.20', S	9.87'
P	MH-108	113+18.30	9.00'	Rt.	AL_TAMPA	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 4.0' Dia. Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 4.10', SE In :18" Round Concrete Pipe @ ELEV 4.10', W In :18" Round Concrete Pipe @ ELEV 4.10', N	10.03'
P	S-108	113+40.30	15.25'	Rt.	AL_TAMPA	Index No. 214 - Curb Inlet Type 9 with Round Bottom	Out:24" Round Concrete Pipe @ ELEV 4.00', E In :24" Round Concrete Pipe @ ELEV 4.00', W	9.82'
P	MH-108A	114+10.50	9.00'	Rt.	AL_TAMPA	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 5.0' Dia. Round Bottom)	Out:24" Round Concrete Pipe @ ELEV 3.70', E In :24" Round Concrete Pipe @ ELEV 3.70', S In :24" Round Concrete Pipe @ ELEV 3.70', W	10.16'
P	S-108A	114+10.56	33.00'	Rt.	AL_TAMPA	Index No. 233 - Ditch Bottom Inlet - Type F, Alt. G	Out:24" Round Concrete Pipe @ ELEV 3.90', N	10.24'
P	S-111	115+67.51	-17.75'	Lt.	AL_TAMPA	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:24" Round Concrete Pipe @ ELEV 5.00', W In :18" Round Concrete Pipe @ ELEV 5.00', S	9.65'
P	S-110	115+67.51	17.75'	Rt.	AL_TAMPA	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 5.10', N	9.65'
P	S-212	210+89.50	44.25'	Rt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 8.00', N	11.77'
P	S-214	210+89.50	-44.25'	Lt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.90', S	11.81'
P	S-213	211+00.00	13.75'	Rt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.90', N In :18" Round Concrete Pipe @ ELEV 7.90', S	11.88'
P	S-215	211+00.00	-13.75'	Lt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with 5' Dia. Round J-Bottom	Out:24" Round Concrete Pipe @ ELEV 7.50', E (Plugged) In :18" Round Concrete Pipe @ ELEV 7.80', S In :18" Round Concrete Pipe @ ELEV 7.80', N Out: 18" Round Concrete Pipe @ ELEV 8.50, SW	11.93'
P	S-216	213+80.00	44.25'	Rt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.20', N	11.04'
P	S-218	213+80.00	-44.25'	Lt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.10', S	11.06'
P	S-217	213+80.00	13.75'	Rt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.10', N In :18" Round Concrete Pipe @ ELEV 7.10', S	11.18'
P	S-219	213+80.00	-13.75'	Lt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:24" Round Concrete Pipe @ ELEV 3.90', E In :18" Round Concrete Pipe @ ELEV 7.00', S In :24" Round Concrete Pipe @ ELEV 7.00', W In :18" Round Concrete Pipe @ ELEV 7.00', N	11.20'

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			DESIGNED <u>MLM</u>			PREPARED BY:		PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	NOKOMIS SYSTEM DRAINAGE STRUCTURE TABLES	APPROVED BY:	DATE: 2/28/2018	
			DRAWN <u>MA</u>											PROJECT NO.: 100054389
Page 911 of 1140			CHECKED <u>MLM</u>											
REV. NO.	DATE	DESCRIPTION												

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STRUCTURE TABLE								
Q T Y	STR. #	STATION	OFFSET	SIDE	BASELINE	DESCRIPTION	CONNECTED PIPE	EOP/RIM ELEV.
P	S-220	216+00.00	44.25'	Rt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.10', N	10.89'
P	S-221	216+00.00	13.75'	Rt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.00', N In :18" Round Concrete Pipe @ ELEV 7.00', S	11.03'
P	S-222	216+00.00	-44.25'	Lt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 7.00', S	11.08'
P	S-223	216+00.00	-13.75'	Lt.	AL_VENICE	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:24" Round Concrete Pipe @ ELEV 6.90', W In :18" Round Concrete Pipe @ ELEV 6.90', S In :18" Round Concrete Pipe @ ELEV 6.90', N	11.22'
P	S-308	313+15.74	15.25'	Rt.	AL_MIAM	Index No. 214 - Curb Inlet Type 9 with Round Bottom	Out:18" Round Concrete Pipe @ ELEV 5.40', NE	11.60'
P	S-311	314+13.60	-15.25'	Lt.	AL_MIAM	Index No. 214 - Curb Inlet Type 9 with Round Bottom	Out:18" Round Concrete Pipe @ ELEV 5.20', SE In :18" Round Concrete Pipe @ ELEV 5.20', SW	11.35'
P	MH-311	314+53.36	13.70'	Rt.	AL_MIAM	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 7.0' Dia. Round Bottom)	Out:18" Round Concrete Pipe @ ELEV 4.20', E In :12" Round Concrete Pipe @ ELEV 7.71', W In :18" Round Concrete Pipe @ ELEV 4.80', NW	11.51'
P	S-312A	315+67.19	19.50'	Rt.	AL_MIAM	Index No. 233 - Ditch Bottom Inlet - Type F, Alt. G	Out:24" Round Concrete Pipe @ ELEV 5.10', W In :24" Round Concrete Pipe @ ELEV 5.10', N	10.80'
P	S-312	316+00.00	19.25'	Rt.	AL_MIAM	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:24" Round Concrete Pipe @ ELEV 5.20', W In :18" Round Concrete Pipe @ ELEV 5.20', N	10.59'
P	MH-312	316+00.00	0.00'	Rt.	AL_MIAM	Index No. 201 - Type 8 Manhole (Concentric Cone with 1 or 2-Piece Cover (Edge), Round Bottom)	Out:18" Round Concrete Pipe @ ELEV 5.30', S In :18" Round Concrete Pipe @ ELEV 5.30', N In :18" Round Concrete Pipe @ ELEV 6.96', E	11.14'
P	S-313	316+00.00	-19.25'	Lt.	AL_MIAM	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 5.40', S	10.59'
P	S-4	505+32.25	0.00'	Rt.	AL_NOKOMIS	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 8.0' Dia. Round Bottom)	Out:Exist. 48" Pipe to remain @ ELEV 6.56', N In :Exist. 48" Pipe to remain @ ELEV 6.56', S In :24" Round Concrete Pipe @ ELEV 4.90', E In :18" Round Concrete Pipe @ ELEV 3.80', W Sump Elev.: 3.30'	11.87'
P	S-6	509+20.00	0.00'	Rt.	AL_NOKOMIS	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 7.0' Dia. Round Bottom)	Out:Exist. 36" Pipe to remain @ ELEV 5.00', N In :Exist. 36" Pipe to remain @ ELEV 5.00', S In :24" Round Concrete Pipe @ ELEV 3.40', W In :24" Round Concrete Pipe @ ELEV 6.70', E Sump Elev.: 2.60'	11.74'
P	S-507	511+67.45	-19.25'	Lt.	AL_NOKOMIS	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 3.50', E	9.79'
P	S-506	511+67.45	19.25'	Rt.	AL_NOKOMIS	Index No. 214 - Curb Inlet Type 9 with Rectangular Bottom	Out:18" Round Concrete Pipe @ ELEV 3.50', W	9.83'
P	S-7	511+67.45	2.56'	Rt.	AL_NOKOMIS	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 7.0' Dia. Round Bottom)	Out:Exist. 36" Pipe to remain @ ELEV 3.01', N In :18" Round Concrete Pipe @ ELEV 3.40', E In :Exist. 36" Pipe to remain @ ELEV 3.01', S In :18" Round Concrete Pipe @ ELEV 3.40', W Sump Elev.: -0.70'	10.19'
P	S-8	512+53.14	3.22'	Rt.	AL_NOKOMIS	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), 10.0' Dia. Round Bottom)	Out:Exist. 48" Pipe to remain @ ELEV 0.61', N In :24" Round Concrete Pipe @ ELEV 3.10', W In :Exist. 48" Pipe to remain @ ELEV 0.64', S In :24" Round Concrete Pipe @ ELEV 4.80', E In :12"x18" Horizontal Elliptical Concrete Pipe @ ELEV 4.92', NW Sump Elev.: -0.90'	10.49'

NOTE: "EOP/RIM ELEV." REFERS TO THE PROPOSED EDGE OF PAVEMENT ELEVATION AT THE REFERENCED STATION FOR ALL CURB INLETS AND GUTTER INLETS (TYPE V), AND REFERS TO THE ELEVATION OF THE TOP OF THE RIM OR GRATE FOR ALL MANHOLES AND DITCH BOTTOM INLETS.

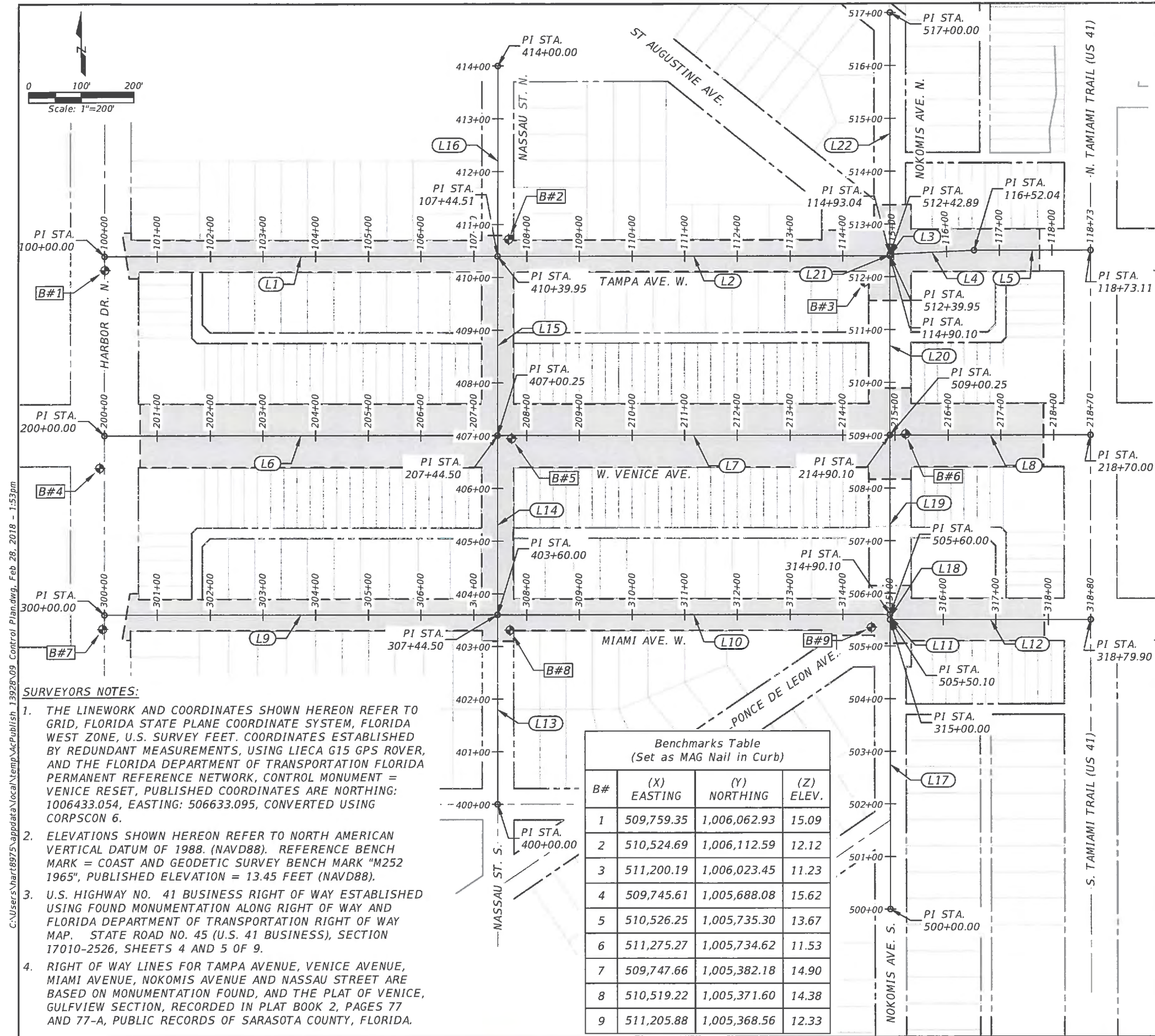
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T:\City Of Venice\Downtown Roadway\CAD\10_Post_Design\08_Drainage Structure Tables.dwg, Feb 28, 2018 - 3:37pm

PIPE TABLE				
QTY	FROM STR.	TO STR.	PIPE SIZE (in)	LENGTH (ft)
F	MH-106	MH-108	18	283
F	S-110	S-111	18	32
F	S-111	S-8	24	66
F	S-506	S-7	18	14
F	S-507	S-7	18	14
F	S-313	MH-312	18	17
F	S-312	S-312A	24	31
F	S-107	MH-106	18	25
F	S-106	MH-106	18	12
F	S-109	MH-108	18	22
F	S-108	MH-108A	24	67
F	S-108A	MH-108A	24	21
F	MH-108A	S-8	24	80
F	MH-108	S-108	24	20
F	S-308	S-311	18	100
F	S-216	S-217	18	28
F	S-218	S-219	18	28
F	S-220	S-221	18	28

PIPE TABLE				
QTY	FROM STR.	TO STR.	PIPE SIZE (in)	LENGTH (ft)
F	S-222	S-223	18	28
F	S-219	S-6	24	106
F	S-217	S-219	18	26
F	S-223	S-6	24	105
F	S-221	S-223	18	27
F	S-311	MH-311	18	45
F	MH-311	S-4	18	33
F	S-212	S-213	18	30
F	S-213	S-215	18	27
F	S-215	S-219	24	278
F	S-214	S-215	18	29
F	MH-312	S-312	18	17
F	S-312A	S-4	24	63





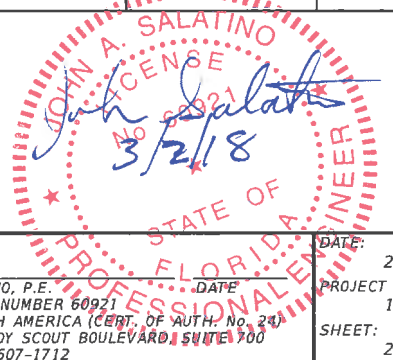
SURVEYORS NOTES:

1. THE LINEWORK AND COORDINATES SHOWN HEREON REFER TO GRID, FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE, U.S. SURVEY FEET. COORDINATES ESTABLISHED BY REDUNDANT MEASUREMENTS, USING LIECA G15 GPS ROVER, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA PERMANENT REFERENCE NETWORK, CONTROL MONUMENT = VENICE RESET, PUBLISHED COORDINATES ARE NORTHING: 1006433.054, EASTING: 506633.095, CONVERTED USING CORPSCON 6.
2. ELEVATIONS SHOWN HEREON REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD88). REFERENCE BENCH MARK = COAST AND GEODETIC SURVEY BENCH MARK "M252 1965", PUBLISHED ELEVATION = 13.45 FEET (NAVD88).
3. U.S. HIGHWAY NO. 41 BUSINESS RIGHT OF WAY ESTABLISHED USING FOUND MONUMENTATION ALONG RIGHT OF WAY AND FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP. STATE ROAD NO. 45 (U.S. 41 BUSINESS), SECTION 17010-2526, SHEETS 4 AND 5 OF 9.
4. RIGHT OF WAY LINES FOR TAMPA AVENUE, VENICE AVENUE, MIAMI AVENUE, NOKOMIS AVENUE AND NASSAU STREET ARE BASED ON MONUMENTATION FOUND, AND THE PLAT OF VENICE, GULFVIEW SECTION, RECORDED IN PLAT BOOK 2, PAGES 77 AND 77-A, PUBLIC RECORDS OF SARASOTA COUNTY, FLORIDA.

Benchmarks Table (Set as MAG Nail in Curb)			
B#	(X) EASTING	(Y) NORTHING	(Z) ELEV.
1	509,759.35	1,006,062.93	15.09
2	510,524.69	1,006,112.59	12.12
3	511,200.19	1,006,023.45	11.23
4	509,745.61	1,005,688.08	15.62
5	510,526.25	1,005,735.30	13.67
6	511,275.27	1,005,734.62	11.53
7	509,747.66	1,005,382.18	14.90
8	510,519.22	1,005,371.60	14.38
9	511,205.88	1,005,368.56	12.33

Line Table: Alignments					
Line #	Baseline	Length	Direction	Start Point	End Point
L1	Tampa	744.51	S 89° 21' 49" E	X=509,759.06 Y=1,006,089.18	X=510,503.52 Y=1,006,080.91
L2	Tampa	745.59	S 89° 21' 49" E	X=510,503.52 Y=1,006,080.91	X=511,249.07 Y=1,006,072.63
L3	Tampa	2.94	N 00° 38' 11" E	X=511,249.07 Y=1,006,072.63	X=511,249.10 Y=1,006,075.56
L4	Tampa	159.01	N 87° 58' 56" E	X=511,249.10 Y=1,006,075.56	X=511,408.01 Y=1,006,081.16
L5	Tampa	221.06	S 89° 21' 49" E	X=511,408.01 Y=1,006,081.16	X=511,629.06 Y=1,006,078.71
L6	Venice	744.50	S 89° 21' 49" E	X=509,755.28 Y=1,005,749.50	X=510,499.74 Y=1,005,741.23
L7	Venice	745.60	S 89° 21' 49" E	X=510,499.74 Y=1,005,741.23	X=511,245.29 Y=1,005,732.95
L8	Venice	379.90	S 89° 21' 49" E	X=511,245.29 Y=1,005,732.95	X=511,625.17 Y=1,005,728.73
L9	Miami	744.50	S 89° 21' 49" E	X=509,751.50 Y=1,005,409.27	X=510,495.96 Y=1,005,401.00
L10	Miami	745.60	S 89° 21' 49" E	X=510,495.96 Y=1,005,401.00	X=511,241.51 Y=1,005,392.72
L11	Miami	9.90	S 00° 38' 11" W	X=511,241.51 Y=1,005,392.72	X=511,241.40 Y=1,005,382.82
L12	Miami	379.90	S 89° 21' 49" E	X=511,241.40 Y=1,005,382.82	X=511,621.28 Y=1,005,378.60
L13	Nassau	360.00	N 00° 38' 11" E	X=510,491.96 Y=1,005,041.02	X=510,495.96 Y=1,005,401.00
L14	Nassau	340.25	N 00° 38' 11" E	X=510,495.96 Y=1,005,401.00	X=510,499.74 Y=1,005,741.23
L15	Nassau	339.70	N 00° 38' 11" E	X=510,499.74 Y=1,005,741.23	X=510,503.51 Y=1,006,080.91
L16	Nassau	360.05	N 00° 38' 11" E	X=510,503.51 Y=1,006,080.91	X=510,507.51 Y=1,006,440.94
L17	Nokomis	550.10	N 00° 38' 11" E	X=511,235.29 Y=1,004,832.75	X=511,241.40 Y=1,005,382.82
L18	Nokomis	9.90	N 00° 38' 11" E	X=511,241.40 Y=1,005,382.82	X=511,241.51 Y=1,005,392.72
L19	Nokomis	340.25	N 00° 38' 11" E	X=511,241.51 Y=1,005,392.72	X=511,245.29 Y=1,005,732.95
L20	Nokomis	339.70	N 00° 38' 11" E	X=511,245.29 Y=1,005,732.95	X=511,249.07 Y=1,006,072.63
L21	Nokomis	2.94	N 00° 38' 11" E	X=511,249.07 Y=1,006,072.63	X=511,249.10 Y=1,006,075.56
L22	Nokomis	457.11	N 00° 38' 11" E	X=511,249.10 Y=1,006,075.56	X=511,254.18 Y=1,006,532.65

PROJECT LIMITS



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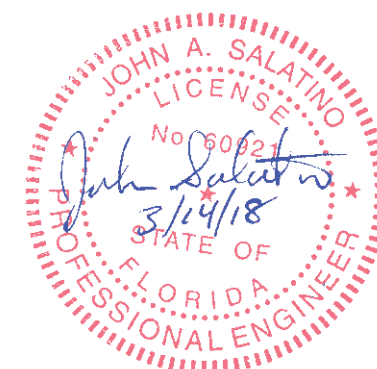
1. ALL STATIONS AND OFFSETS REFER TO BASELINE OF CONSTRUCTION UNLESS OTHERWISE NOTED. ALL ROADWAY DIMENSIONS ARE MEASURED FROM EDGE OF PAVEMENT.
2. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING AND BRACING REQUIRED TO MEET THE REQUIREMENTS OF THE "TRENCH SAFETY ACT" (FLA. STATUTES, CH. 553, PART IV) AND TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. THE COST FOR ALL SHEETING, SHORING AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICES FOR APPLICABLE PAY ITEMS IN THE CONTRACT.
3. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
4. ALL DRIVEWAY AND RELATED SLOPE CONSTRUCTION OUTSIDE OF THE RIGHT-OF-WAY LIMITS SHALL BE SUBJECT TO THE PROPERTY OWNER'S APPROVAL. DRIVEWAY CONSTRUCTION IS TO COMPLY WITH FDOT INDEX 515 AND THE DETAILS SHOWN IN THESE PLANS.
5. ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED.
6. NO SURFACING SHALL BE APPLIED TO ANY MANHOLE COVERS, FRAMES, VALVE BOXES, GAS DROPS, ETC. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WITH TOPS THAT WOULD BE EXPOSED WITHIN ANY PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE PAVEMENT SURFACE.
7. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS TO REMAIN.
8. THE CONTRACTOR SHALL PERFORM THE COMPLETE SURVEY STAKEOUT OF THE PROJECT (I.E. LINE, GRADE, SLOPE STAKE, UTILITY RELOCATIONS OR ANY OTHER STAKEOUT REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS). ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO SEPARATE STAND-ALONE PAY ITEM IS INCLUDED FOR THIS WORK.
9. A LIMITED GEOTECHNICAL INVESTIGATION WAS PERFORMED. REFER TO REPORT DATED 4/3/17 BY ARDAMAN & ASSOCIATES, INC. FOR PAVEMENT CORES, SUBSURFACE SOIL CONDITIONS ALONG THE ROADWAYS.
10. ANY EXISTING PAVEMENT THAT IS TO BE REMOVED MUST BE SAW-CUT PRIOR TO REMOVAL. WHERE CONNECTIONS TO EXISTING WALKS AND DRIVES ARE NOT INDICATED ON THE PLANS, PROPER CONNECTIONS SHALL BE MADE AT THE DIRECTION OF THE ENGINEER.
11. THE TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THE PLANS WAS PERFORMED BY RANDALL E. BRITT, PSM #3979, IN SURVEY DATED 3/2/2017 FOR THE CITY OF VENICE. BRITT SURVEYING, INC. TELEPHONE (941) 493-1396.
12. THE ELEVATIONS SHOWN ON THESE PLANS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
13. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE APPROXIMATE AND ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE UNDERGROUND UTILITIES HAVE NOT BEEN POSITIVELY LOCATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

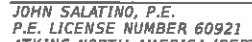
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES.
 - a. NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTOR'S CONSTRUCTION SCHEDULE.
 - b. WEEKLY COORDINATION IS REQUIRED BETWEEN CONTRACTOR AND UTILITY AGENCIES.
15. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE FOLLOWING UTILITIES MAY HAVE LINES AND FACILITIES WITHIN THE PROJECT AREA.

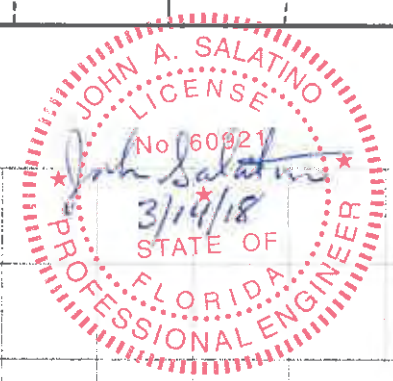
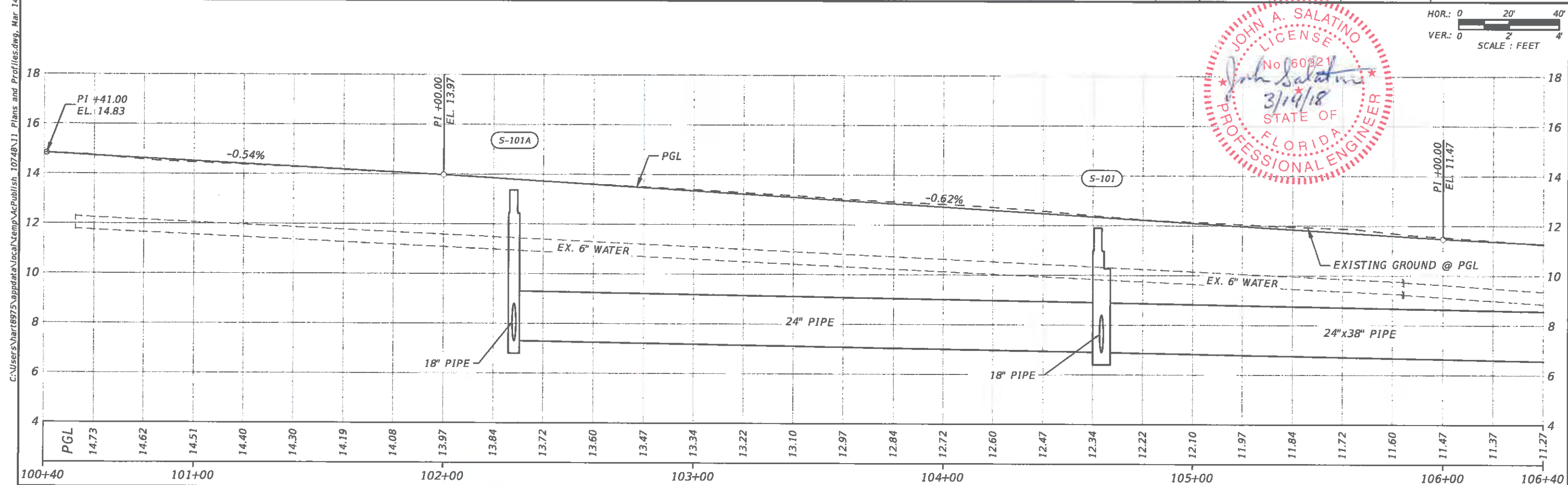
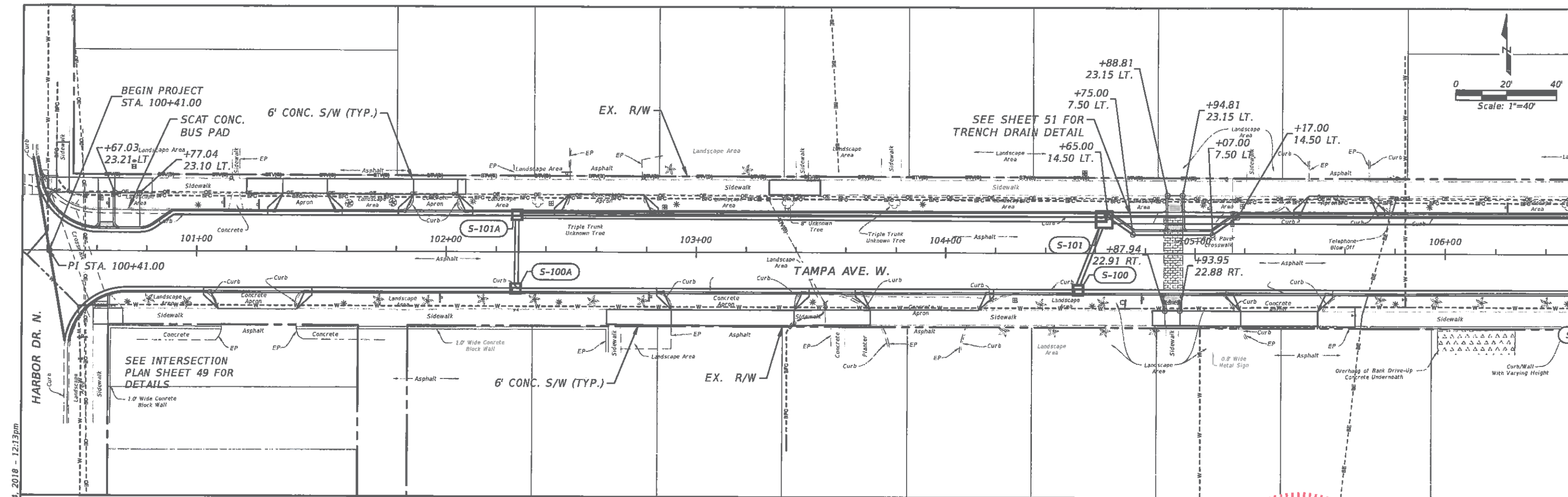
a. CITY OF VENICE - WATER/SEWER	Damien Stillings	941-882-7316 c
b. FRONTIER COMMUNICATIONS	Denise Hutton	941-504-9652 c
c. COMCAST CABLE COMMUNICATIONS	Paul Bahizi	239-253-7505 c
d. FPL DISTRIBUTION	Greg Coker	941-704-9087 c
e. TECO PGS	Danny Shanahan	941-342-4006 o
16. CALL SUNSHINE 811 AT (800) 432-4770 OR 811 48 HOURS IN ADVANCE FOR UTILITY LOCATES. ALL UTILITY OWNERS MAY NOT BE A MEMBER AND MAY REQUIRE DIRECT CONTACT. THE CONTRACTOR IS RESPONSIBLE TO FURTHER COORDINATE WITH THE UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE 811" AND THE UTILITY OWNERS AND TO PRESERVE/PROTECT USING STANDARD CARE MEASURES.
17. CONTAMINATION NOTE - COORDINATE ALL DEWATERING ACTIVITIES THROUGH THE CITY OF VENICE. THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) MUST REVIEW ANY DEWATERING PLANS AND MAY REQUIRE ADDITIONAL PERMITTING AND THE IMPLEMENTATION OF EFFLUENT TREATMENT ACTIVITIES DUE TO THREE (3) PETROLEUM-CONTAMINATED FACILITIES LOCATED WITHIN FIVE-HUNDRED FEET (500') OF THE EASTERN PROJECT LIMITS. THE COORDINATION AND PREPARATION OF DEWATERING PLANS IS INCLUDED WORK UNDER THIS CONTRACT. PAYMENT WOULD BE INCLUDED UNDER THE VARIOUS ITEMS PAY ITEMS IN THE CONTRACT. THERE IS NO SEPARATE STAND-ALONE PAY ITEM FOR THIS WORK.
18. FOR STORM PIPES, UTILIZE CLASS III FOR ROUND CONCRETE PIPES AND CLASS HE-III FOR ELLIPTICAL CONCRETE PIPES.

UTILITIES

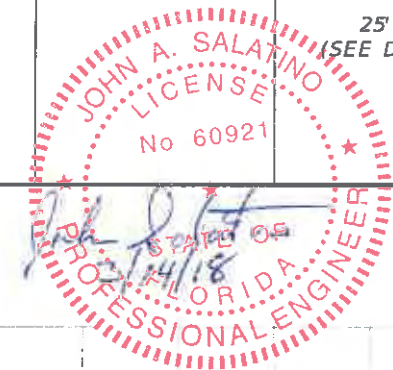
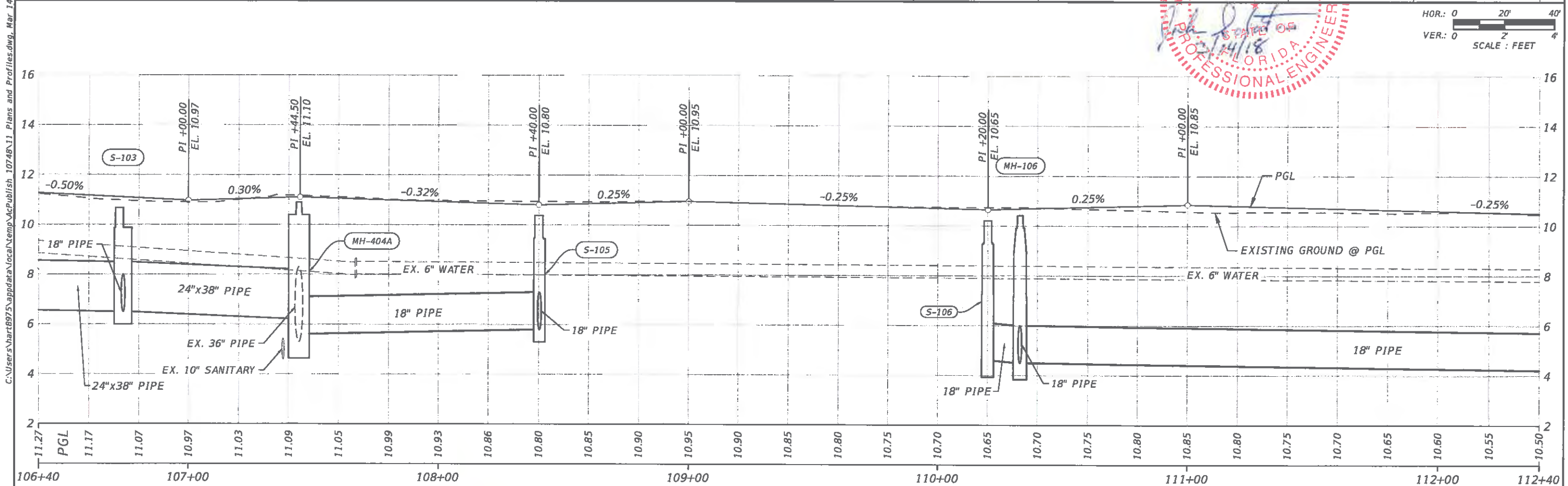
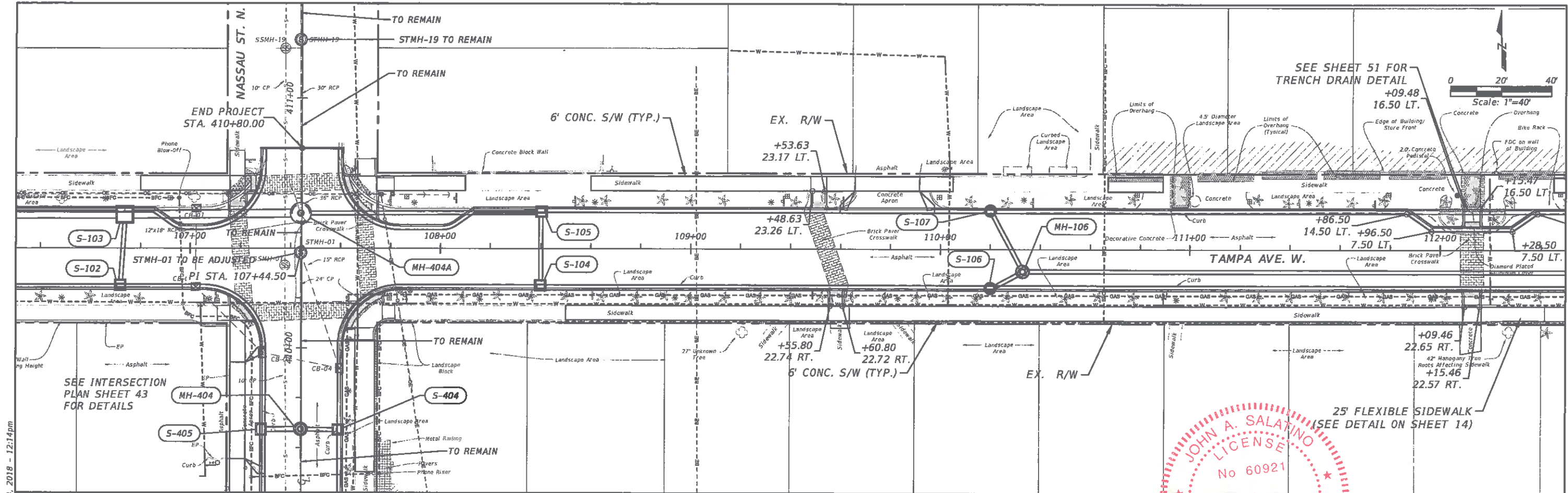
CATV OVERHEAD	-----OTV-----OTV-----OTV-----OTV-----
CATV BURRIED	-----BTV(B)-----BTV(B)-----BTV(B)-----BTV(B)-----
ELECTRIC BURRIED	-----BE-----BE-----BE-----BE-----
ELECTRIC OVERHEAD	-----OE-----OE-----OE-----OE-----
BURRIED FIBER OPTIC (COMCAST)	-----BFO(C)-----BFO(C)-----BFO(C)-----BFO(C)-----
FRONTIER COMM-BURRIED	-----BFC-----BFC-----BFC-----BFC-----
FRONTIER COMM-OVERHEAD	-----OFC-----OFC-----OFC-----OFC-----
GAS LINE	-----GAS-----GAS-----GAS-----GAS-----
WATERLINE	-----W-----W-----W-----W-----W-----
SANITARY FORCEMAIN	-----FM-----FM-----FM-----FM-----
Sanitary Sewer (Gravity)	-----S-----S-----S-----S-----S-----



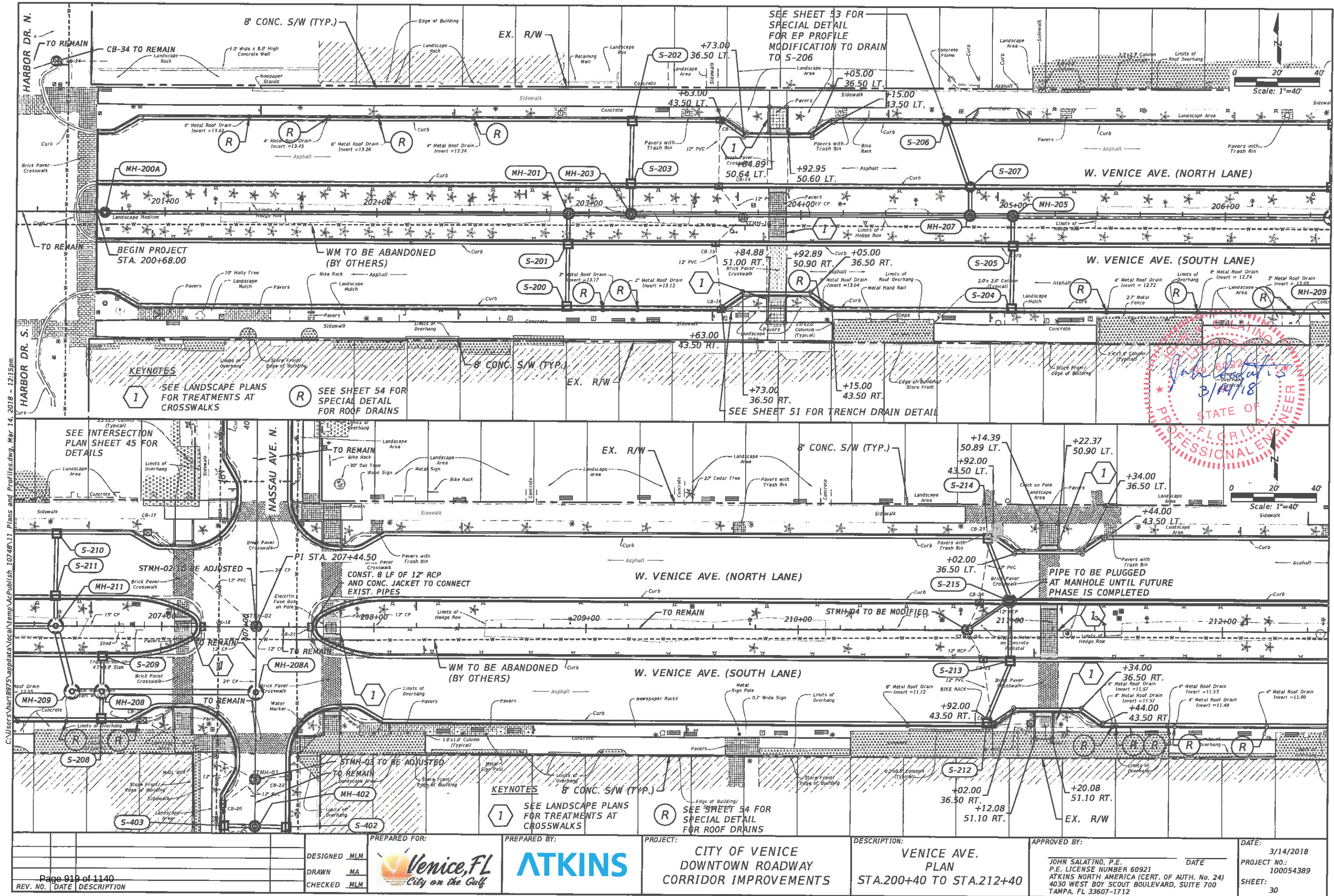
DESIGNED MLM			PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: GENERAL NOTES		APPROVED BY:  JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE: 3/13/2018	
DRAWN MA			CHECKED MLM										PROJECT NO.: 100054389	
REV. NO.			DATE		DESCRIPTION								SHEET: 26	



DESIGNED: MLM			PREPARED FOR: Venice, FL City on the Gulf			PREPARED BY: ATKINS			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS			DESCRIPTION: TAMPA AVE. PLAN-PROFILE STA. 100+40 TO STA. 106+40			APPROVED BY: JOHN SALATINO, P.E. DATE: 3/14/2018			PROJECT NO.: 100054389			SHEET: 27		
DRAWN: MA																							
CHECKED: MLM																							

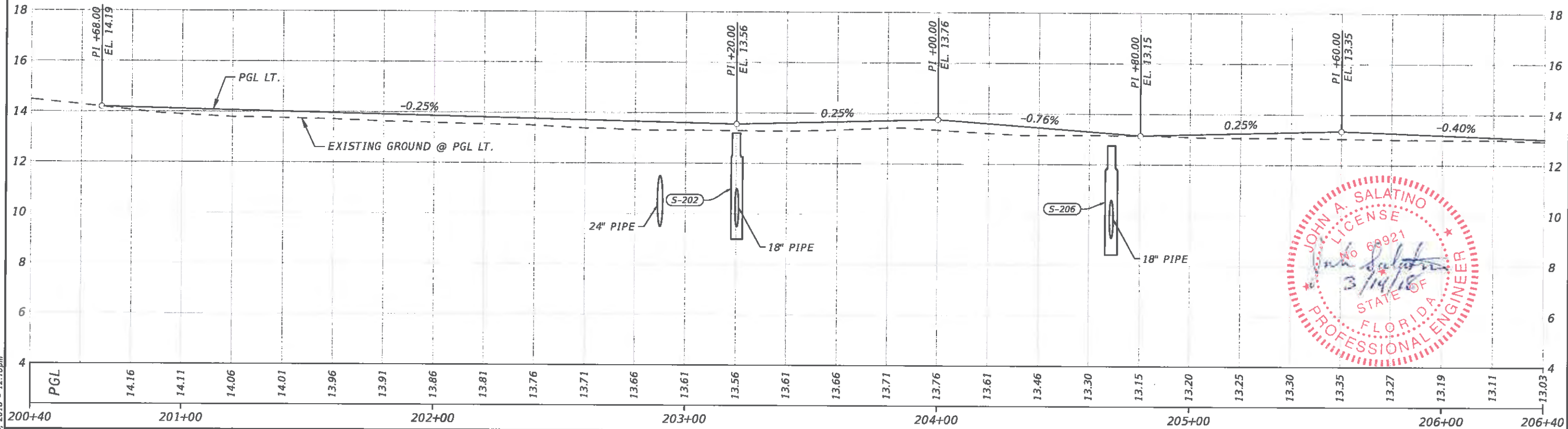


DESIGNED: MLM			PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TAMPA AVE. PLAN-PROFILE STA. 106+40 TO STA. 112+40		APPROVED BY: JOHN SALATINO, P.E. DATE: 3/14/2018		PROJECT NO.: 100054389		SHEET: 28	
DRAWN: MA											ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712					
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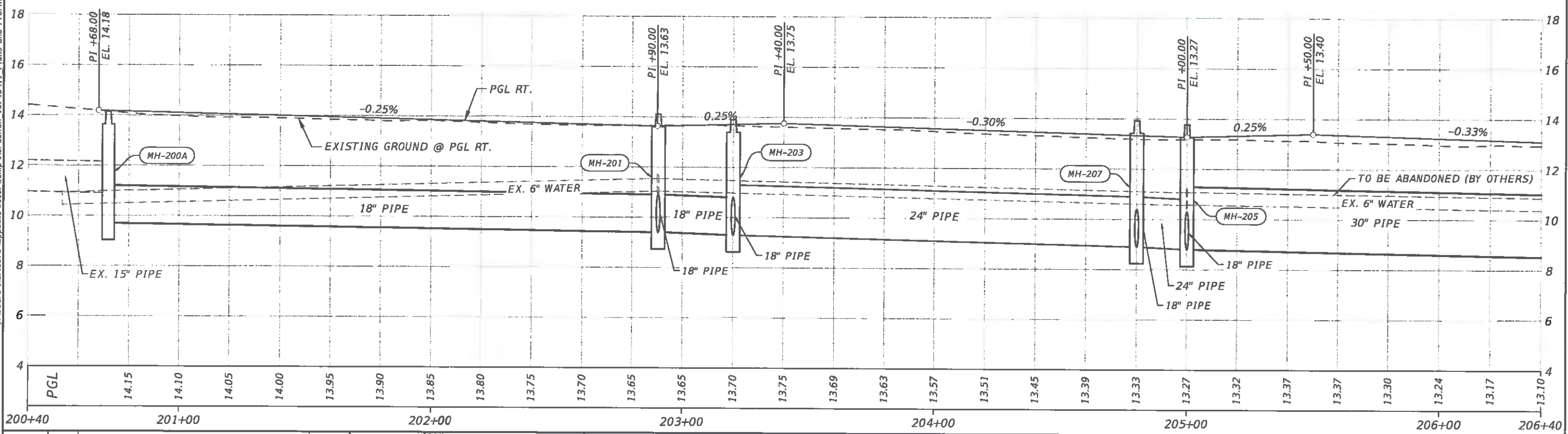
VENICE AVE. (NORTH SIDE)

HOR.: 0 20' 40'
VER.: 0 2' 4'
SCALE : FEET



VENICE AVE. (SOUTH SIDE)

HOR.: 0 20' 40'
VER.: 0 2' 4'
SCALE : FEET

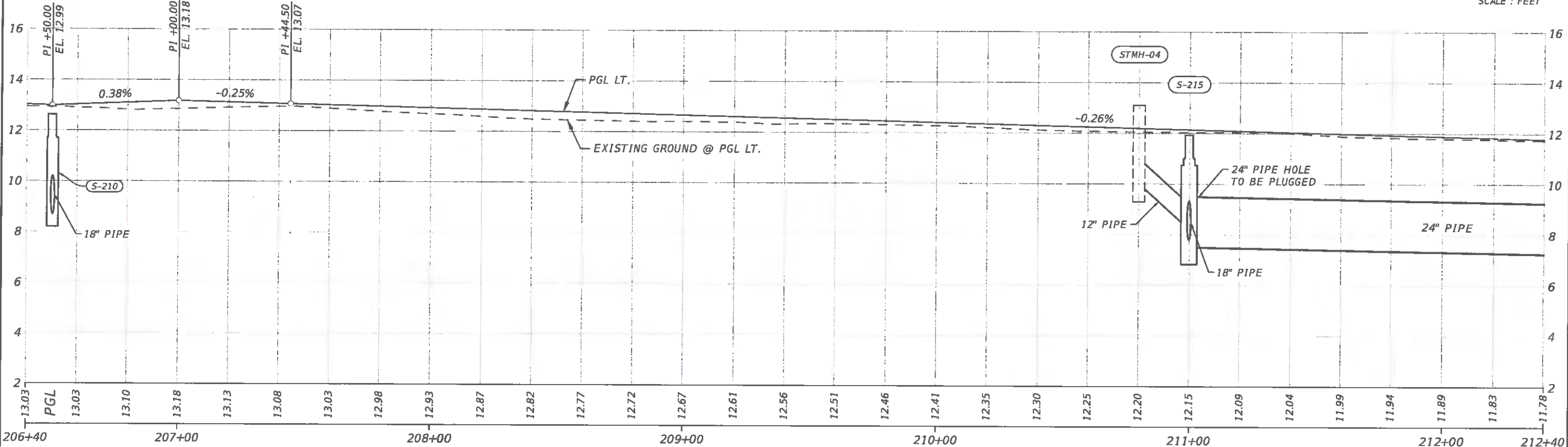


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DRAWN MA															P.E. LICENSE NUMBER 60921			PROJECT NO.: 100054389		
CHECKED MLM															ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)			SHEET: 32		
REV. NO. DATE DESCRIPTION															4030 WEST BOY SCOUT BOULEVARD, SUITE 700					
															TAMPA, FL 33607-1712					

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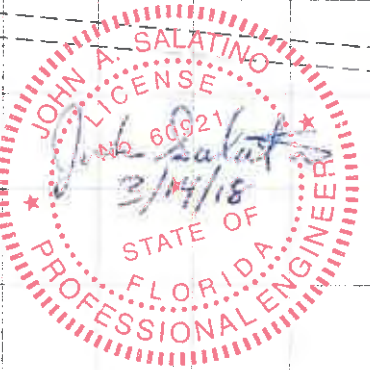
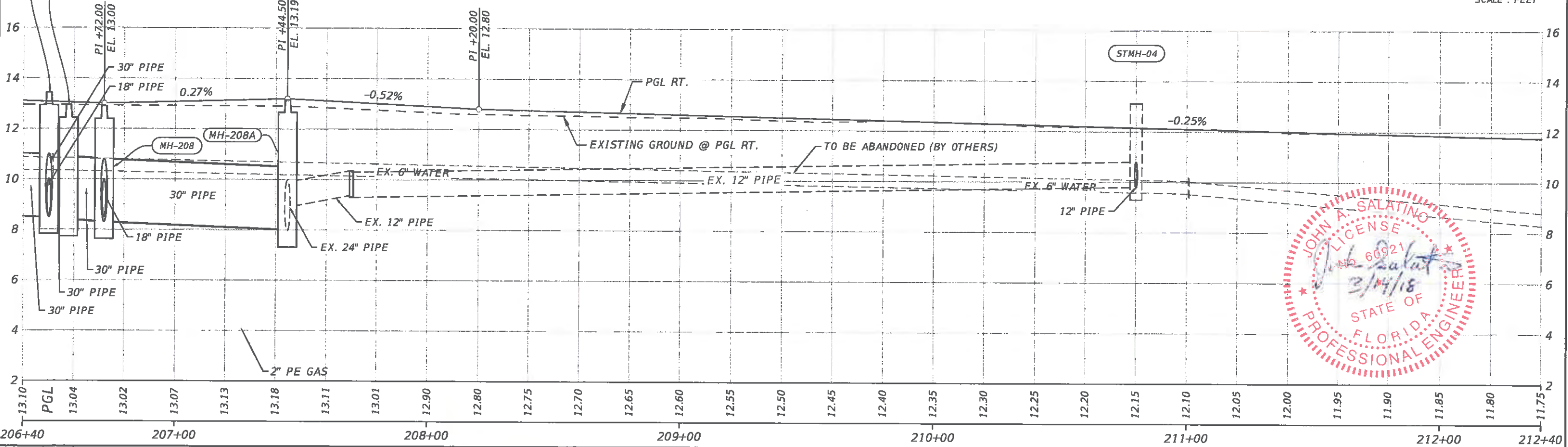
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VER.: 0 2' 4'
SCALE : FEET



VENICE AVE. (SOUTH SIDE)

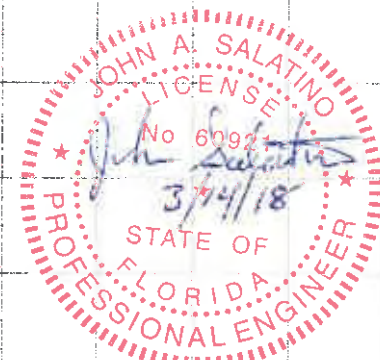
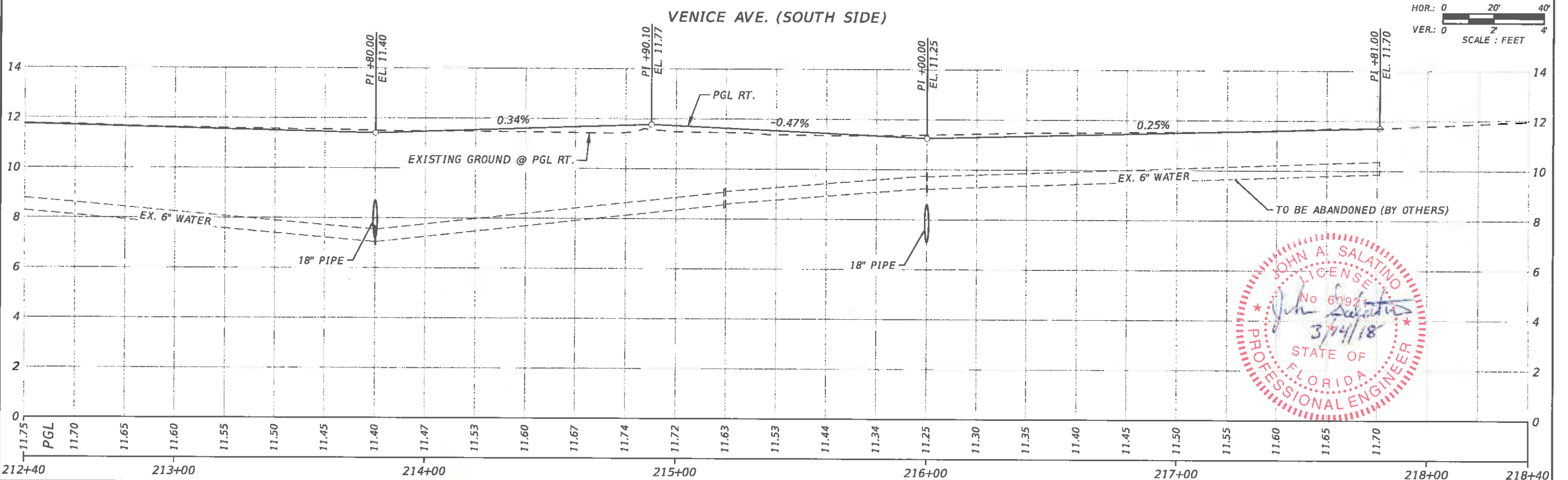
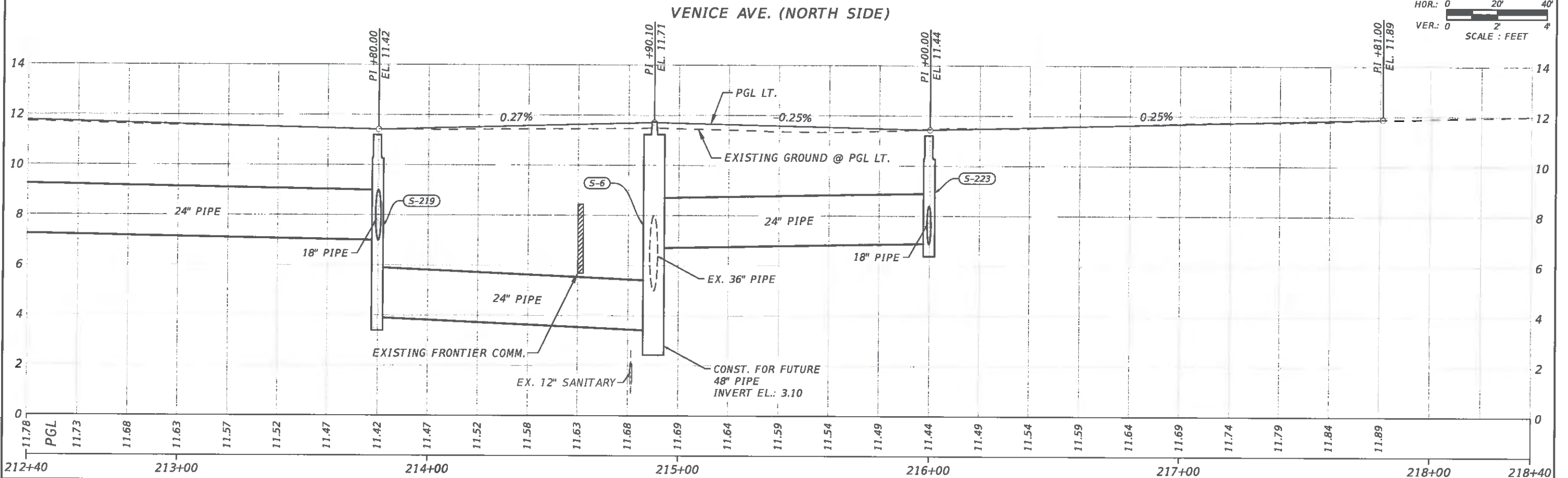
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VER.: 0 2' 4'
SCALE : FEET



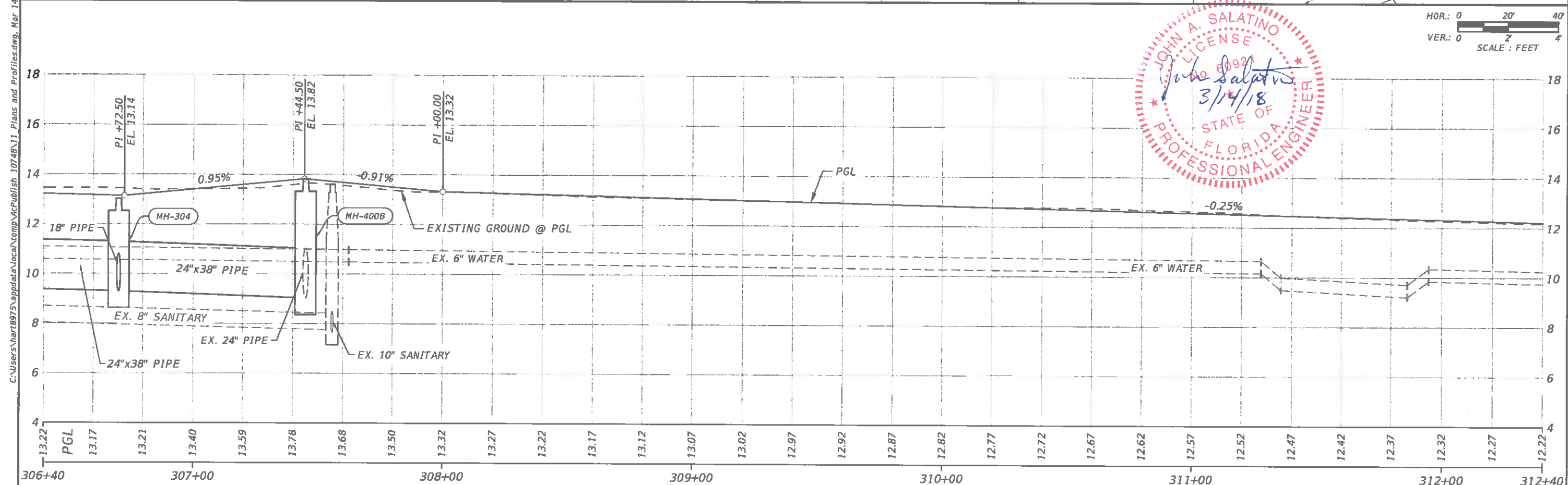
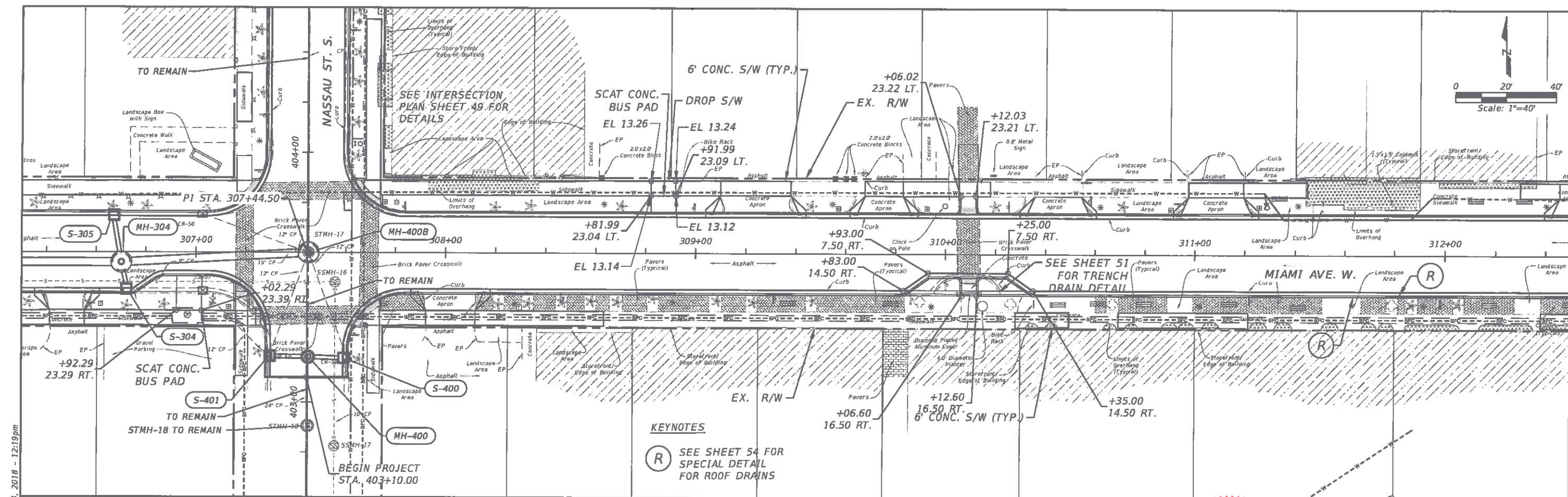
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DESIGNED MLM			PREPARED FOR: Venice, FL City on the Gulf			PREPARED BY: ATKINS			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS			DESCRIPTION: VENICE AVE. PROFILE STA.206+40 TO STA.212+40			APPROVED BY: JOHN SALATINO, P.E. DATE 3/14/2018			DATE: 3/14/2018		
DRAWN MA															P.E. LICENSE NUMBER 60921			PROJECT NO.: 100054389		
CHECKED MLM															ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)			SHEET: 33		
REV. NO. DATE DESCRIPTION															4030 WEST BOY SCOUT BOULEVARD, SUITE 700					
															TAMPA, FL 33607-1712					

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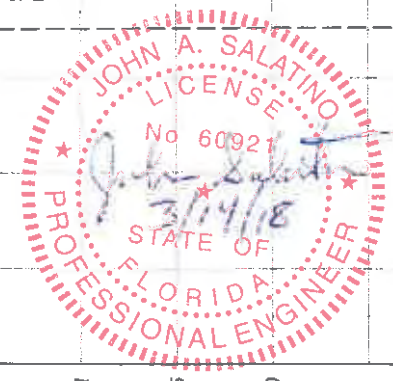
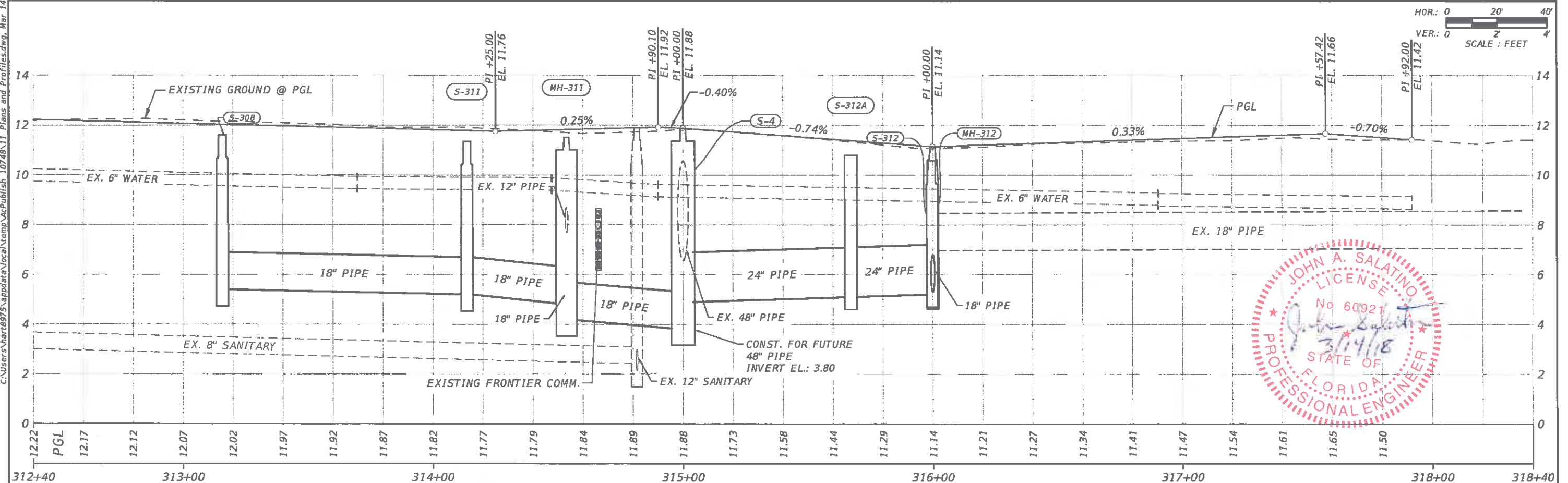
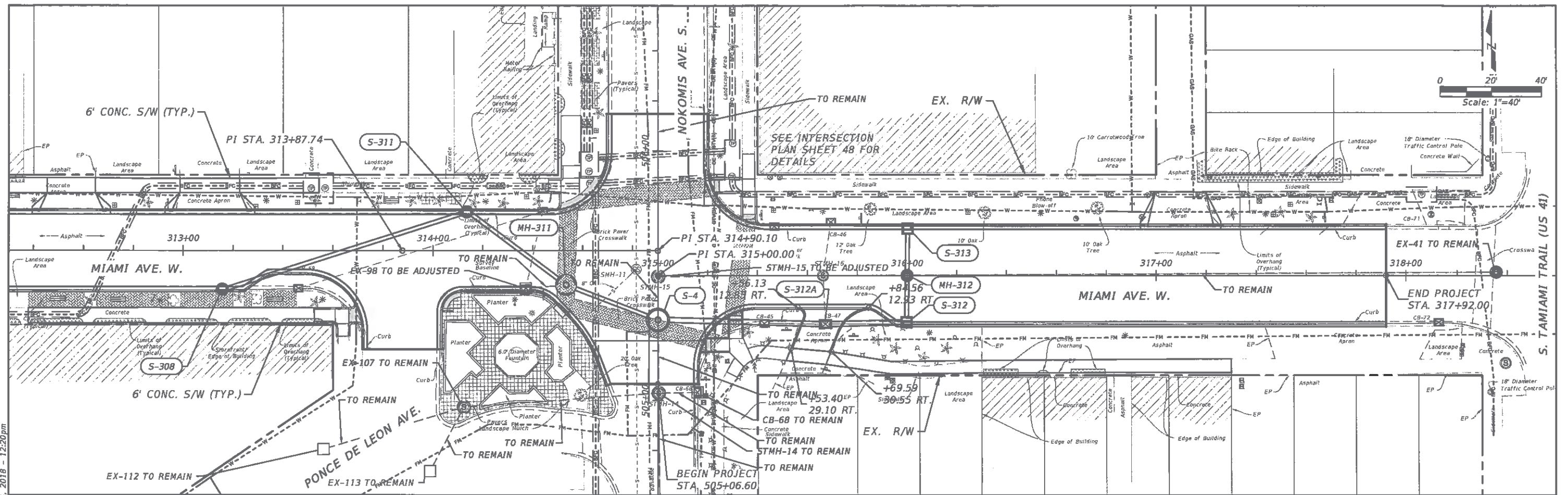


Page 923 of 1140			PREPARED FOR:		PREPARED BY:		PROJECT:		DESCRIPTION:		APPROVED BY:		DATE:	
REV. NO. DATE DESCRIPTION			DESIGNED MLM		DRAWN MA		CHECKED MLM		VENICE, FL City on the Gulf		ATKINS		CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	
													VENICE AVE. PROFILE STA. 212+40 TO STA. 218+40	
											JOHN SALATIELLO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE 3/14/2018	
													PROJECT NO.: 100054389	
													SHEET: 34	



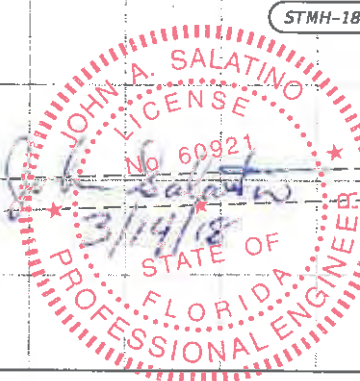
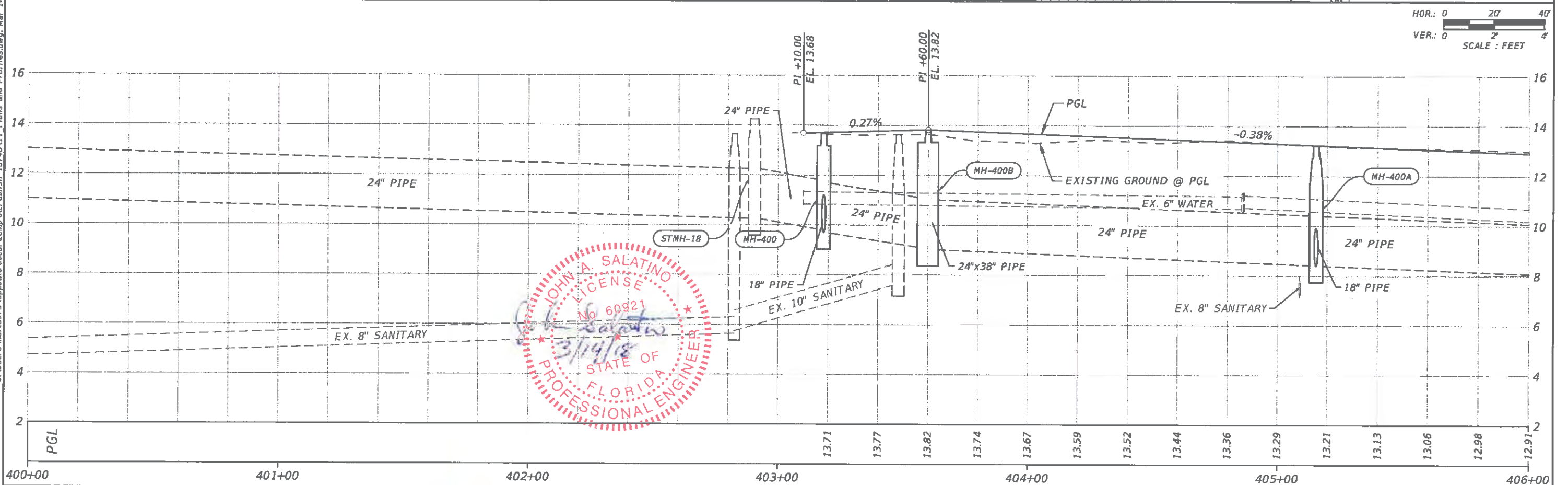
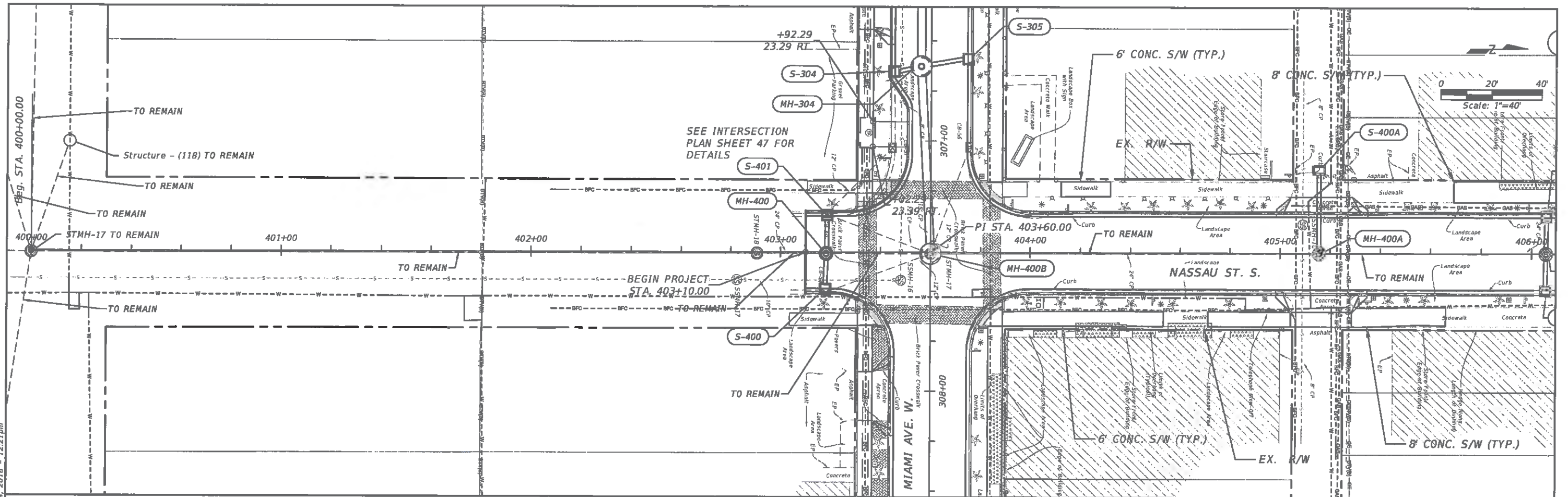
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DRAWN: MA											ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		SHEET: 36	
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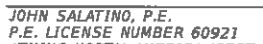
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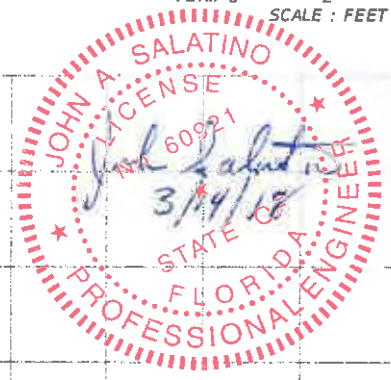
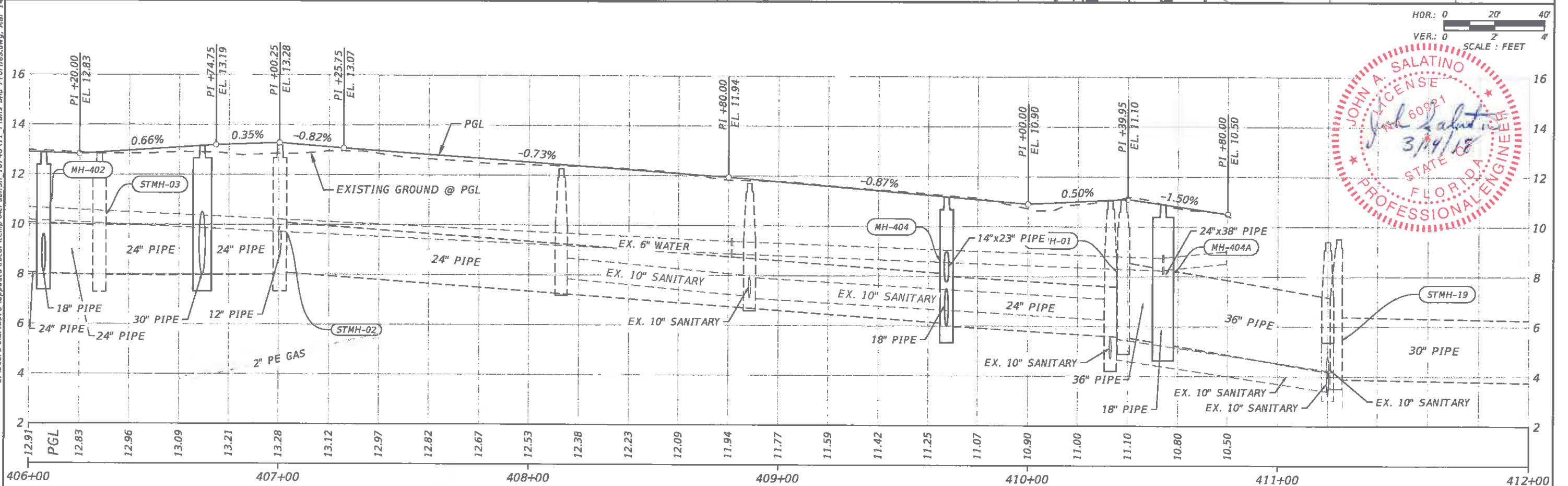
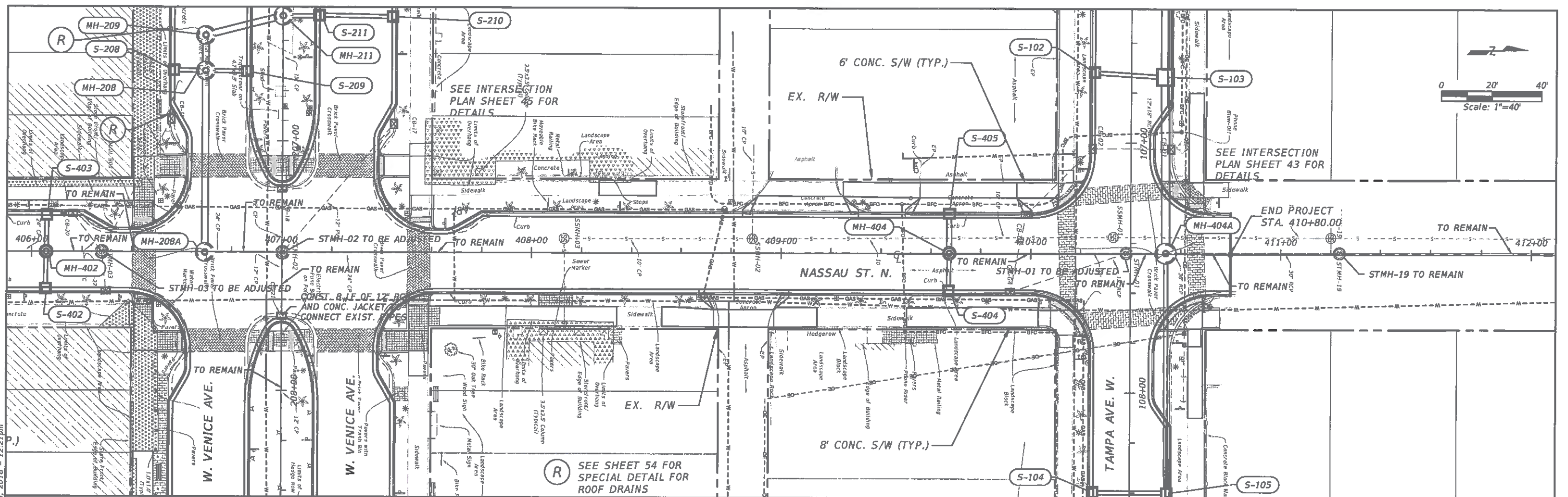
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DRAWN: MA											DATE: 3/14/2018		PROJECT NO.: 100054389		SHEET: 37	
CHECKED: MLM																
REV. NO. DATE DESCRIPTION																

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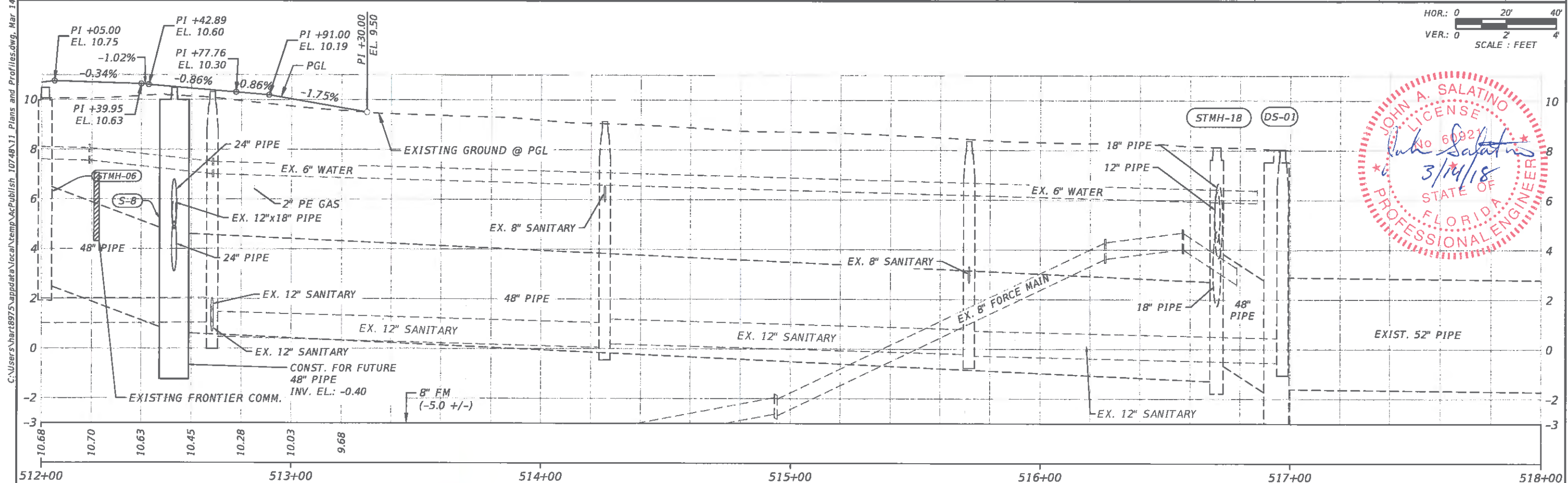
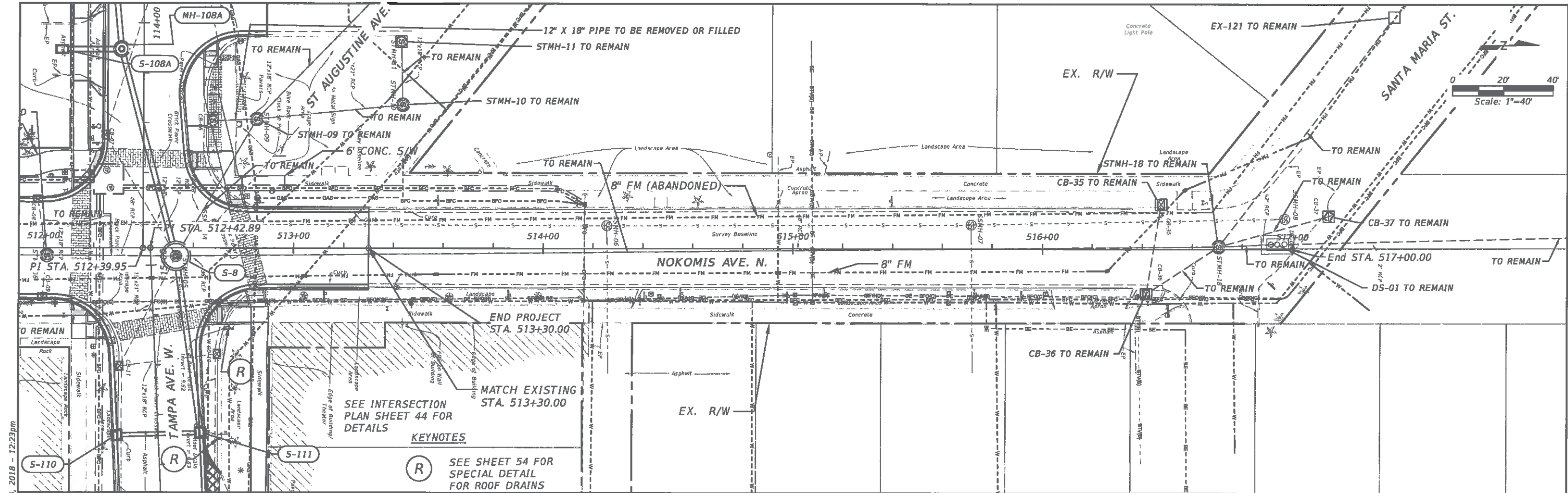


DESIGNED <u>MLM</u>		PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: NASSAU ST. PLAN-PROFILE STA.400+00 TO STA.406+00		APPROVED BY:  DATE: 3/14/2018		DATE: 3/14/2018 PROJECT NO.: 100054389 SHEET: 38	
DRAWN <u>MA</u>		CHECKED <u>MLM</u>		REV. NO.		DATE		DESCRIPTION					

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DESIGNED: MLM			PREPARED FOR: Venice, FL City on the Gulf			PREPARED BY: ATKINS			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS			DESCRIPTION: NASSAU ST. PLAN-PROFILE STA. 406+00 TO STA. 412+00			APPROVED BY: JOHN SALATINO, P.E. DATE: 3/14/2018			DATE: 3/14/2018		
DRAWN: MA															P.E. LICENSE NUMBER 60921			PROJECT NO.: 100054389		
CHECKED: MLM															ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)			SHEET: 39		
REV. NO. DATE DESCRIPTION															4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712					



DESIGNED <u>MLM</u>			PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: NOKOMIS AVE. PLAN-PROFILE STA.512+00 TO STA.518+00		APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE: 3/14/2018		PROJECT NO.: 100054389		SHEET: 42	
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CHECKED <u>MLM</u>																		

C:\Users\hart8975\appdata\LocalTemp\AcPublish_13928\12 Intersection Plans.dwg, Feb 28, 2018 - 2:00pm

LEGEND

XX.XX'

PROPOSED CURB & GUTTER (FDOT TYPE-F)

XX.XX'

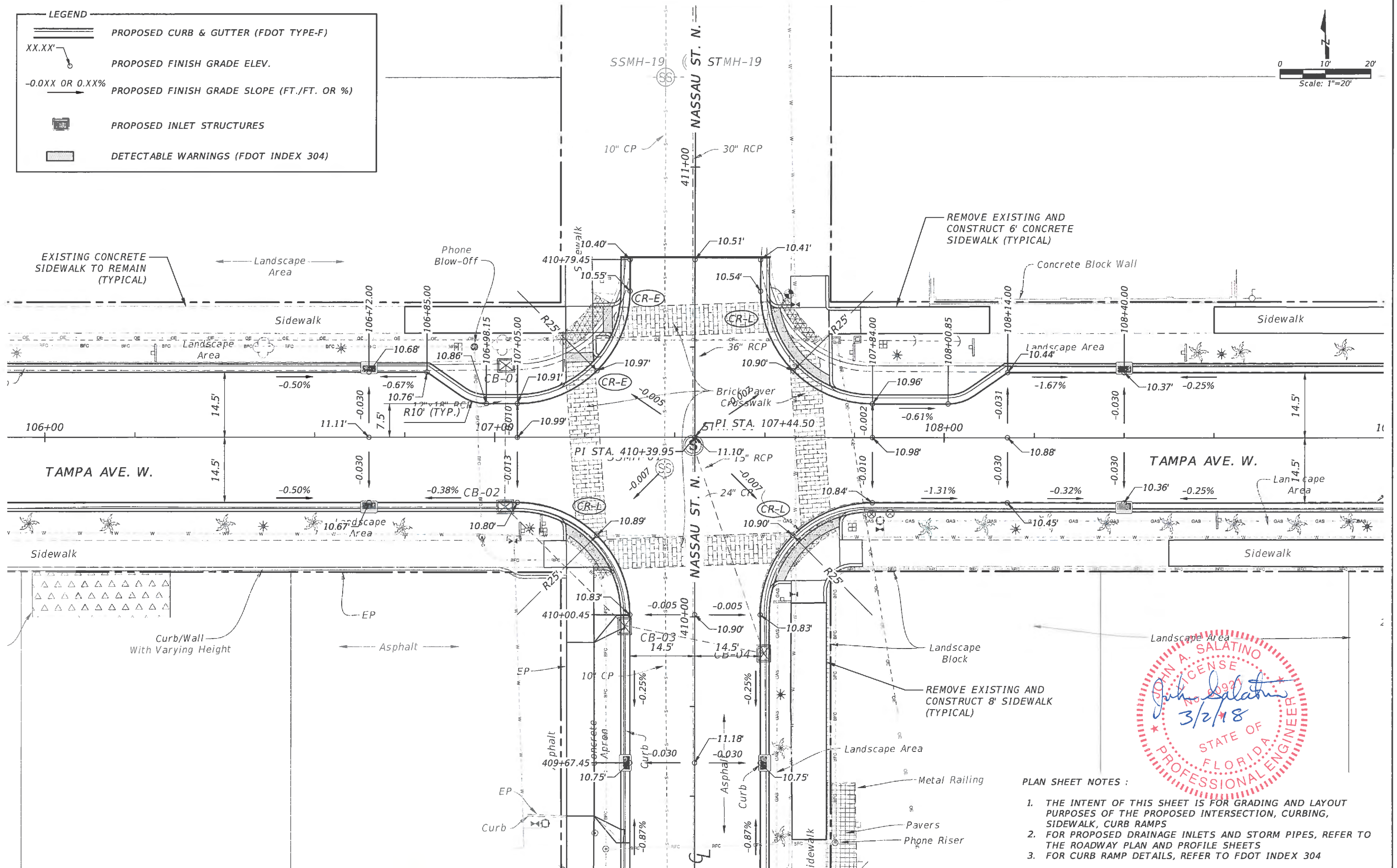
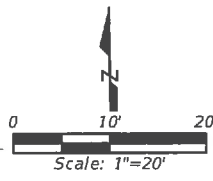
PROPOSED FINISH GRADE ELEV.

-0.0XX OR 0.XX%

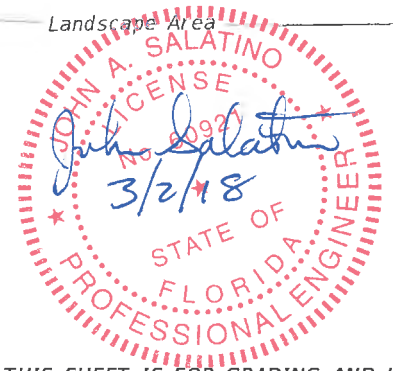
PROPOSED FINISH GRADE SLOPE (FT./FT. OR %)

PROPOSED INLET STRUCTURES

DETECTABLE WARNINGS (FDOT INDEX 304)

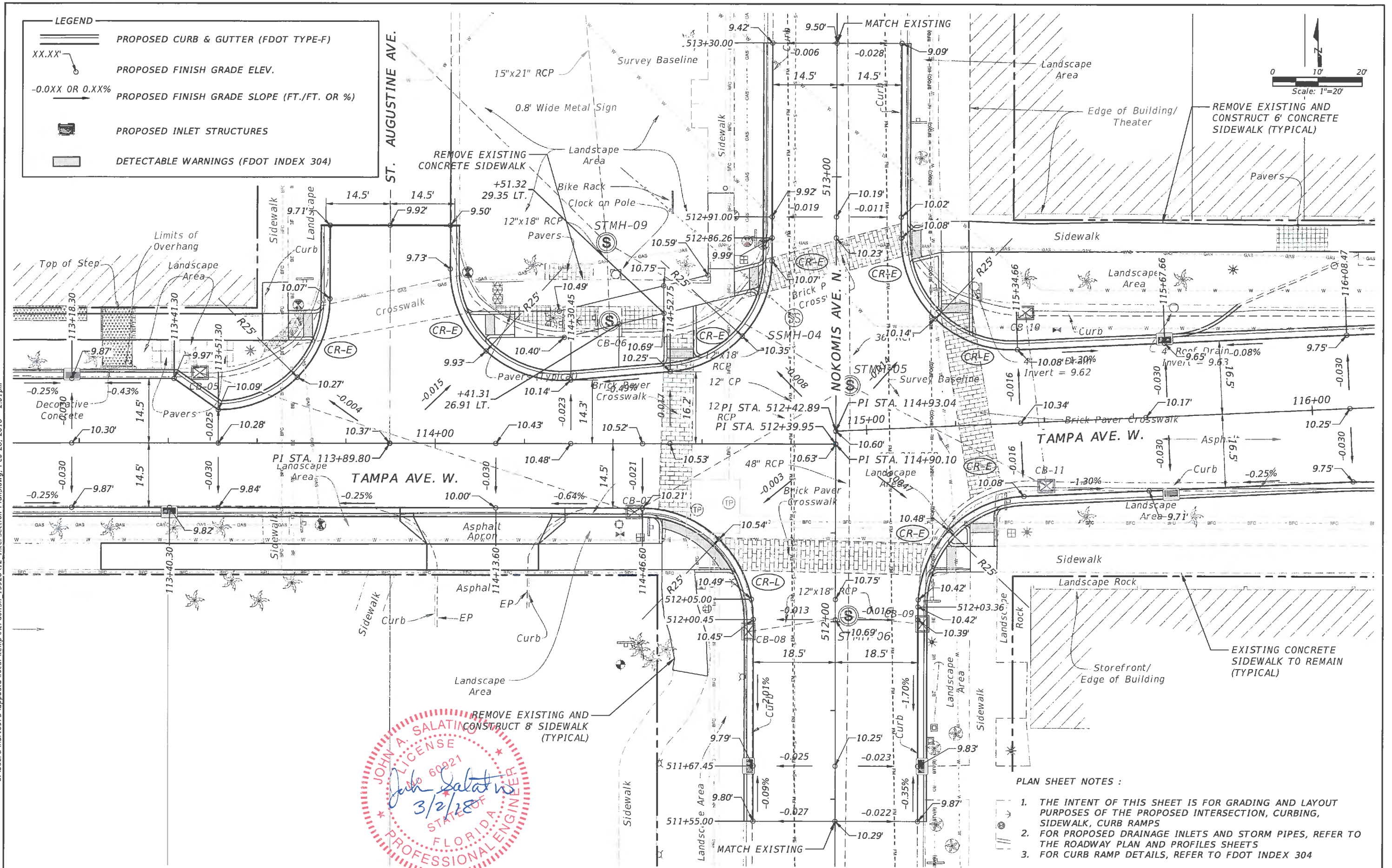


- PLAN SHEET NOTES :
1. THE INTENT OF THIS SHEET IS FOR GRADING AND LAYOUT PURPOSES OF THE PROPOSED INTERSECTION, CURBING, SIDEWALK, CURB RAMPS
 2. FOR PROPOSED DRAINAGE INLETS AND STORM PIPES, REFER TO THE ROADWAY PLAN AND PROFILE SHEETS
 3. FOR CURB RAMP DETAILS, REFER TO FDOT INDEX 304



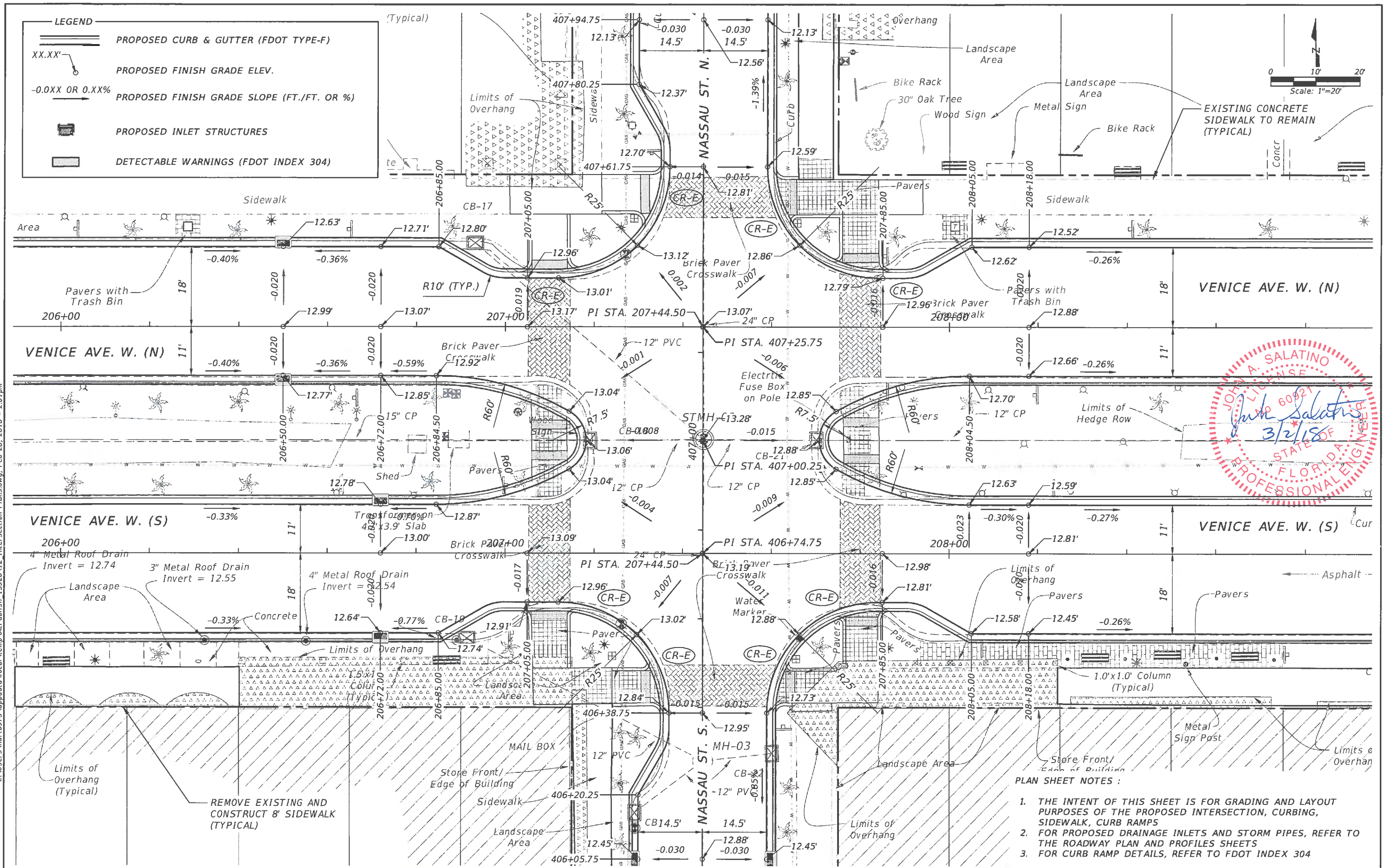
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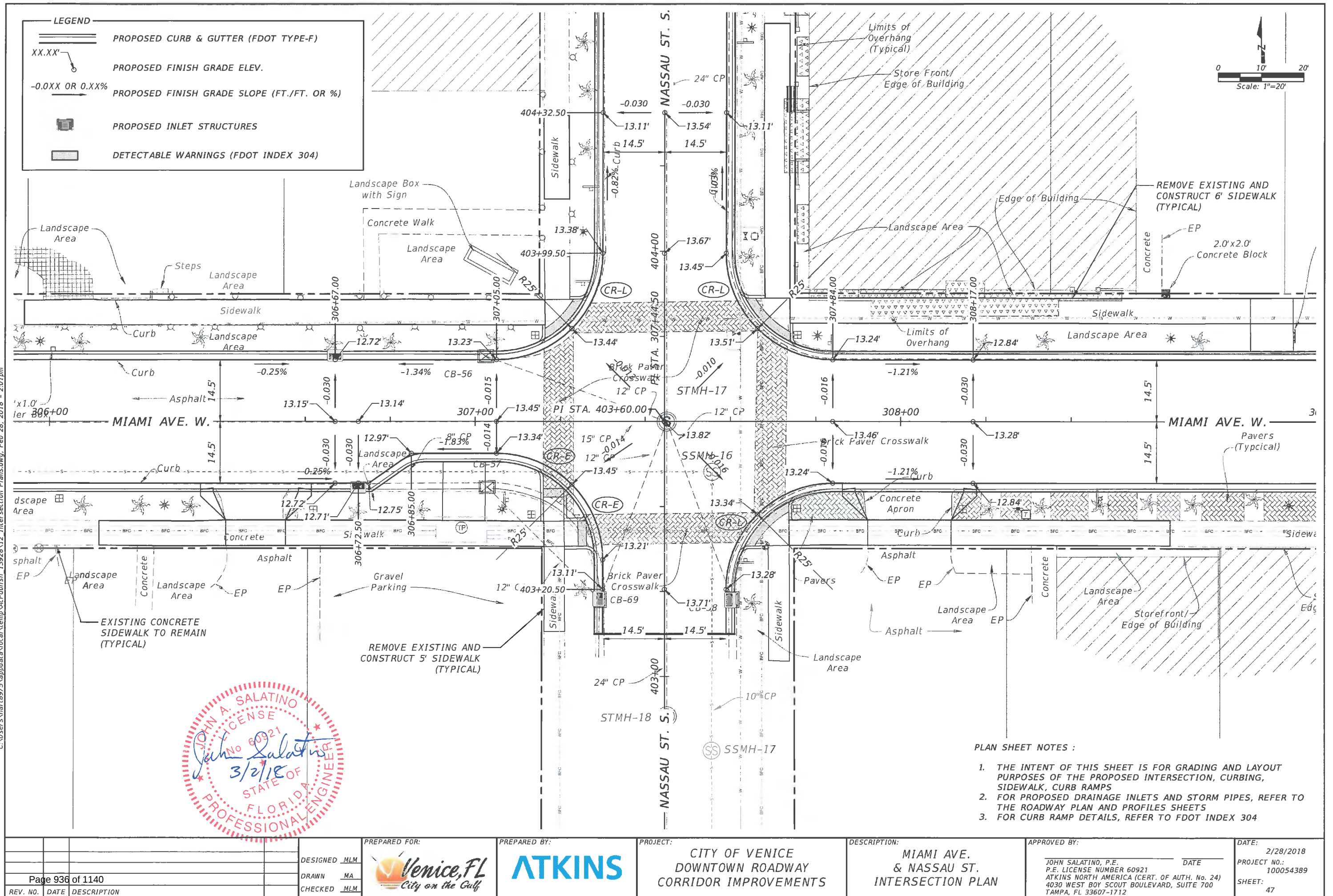
Page 933 of 1140			DESIGNED MLM		PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TAMPA AVE. & NOKOMIS AVE. INTERSECTION PLAN		APPROVED BY: JOHN SALATINO, P.E. DATE: 2/28/2018		PROJECT NO.: 100054389		SHEET: 44	
REV. NO.	DATE	DESCRIPTION	DRAWN MA	CHECKED MLM									ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712					

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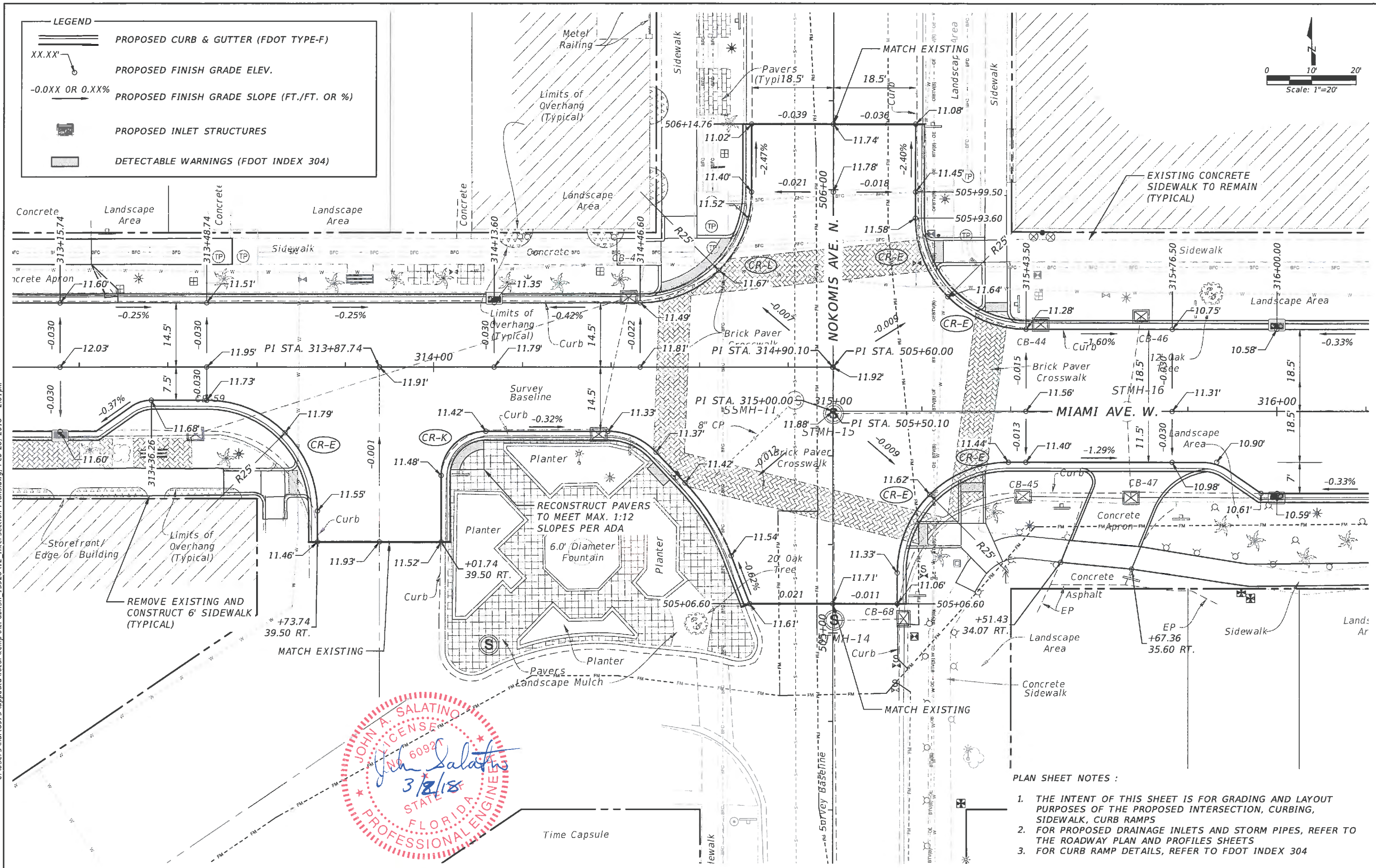


DESIGNED MLM			PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: VENICE AVE. & NASSAU ST. INTERSECTION PLAN		APPROVED BY: JOHN A. SALATINO, P.E. DATE: 2/28/2018		DATE: 2/28/2018	
DRAWN MA											P.E. LICENSE NUMBER 60921		PROJECT NO.: 100054389	
CHECKED MLM											ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)		SHEET: 45	
REV. NO. DATE DESCRIPTION											4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712			

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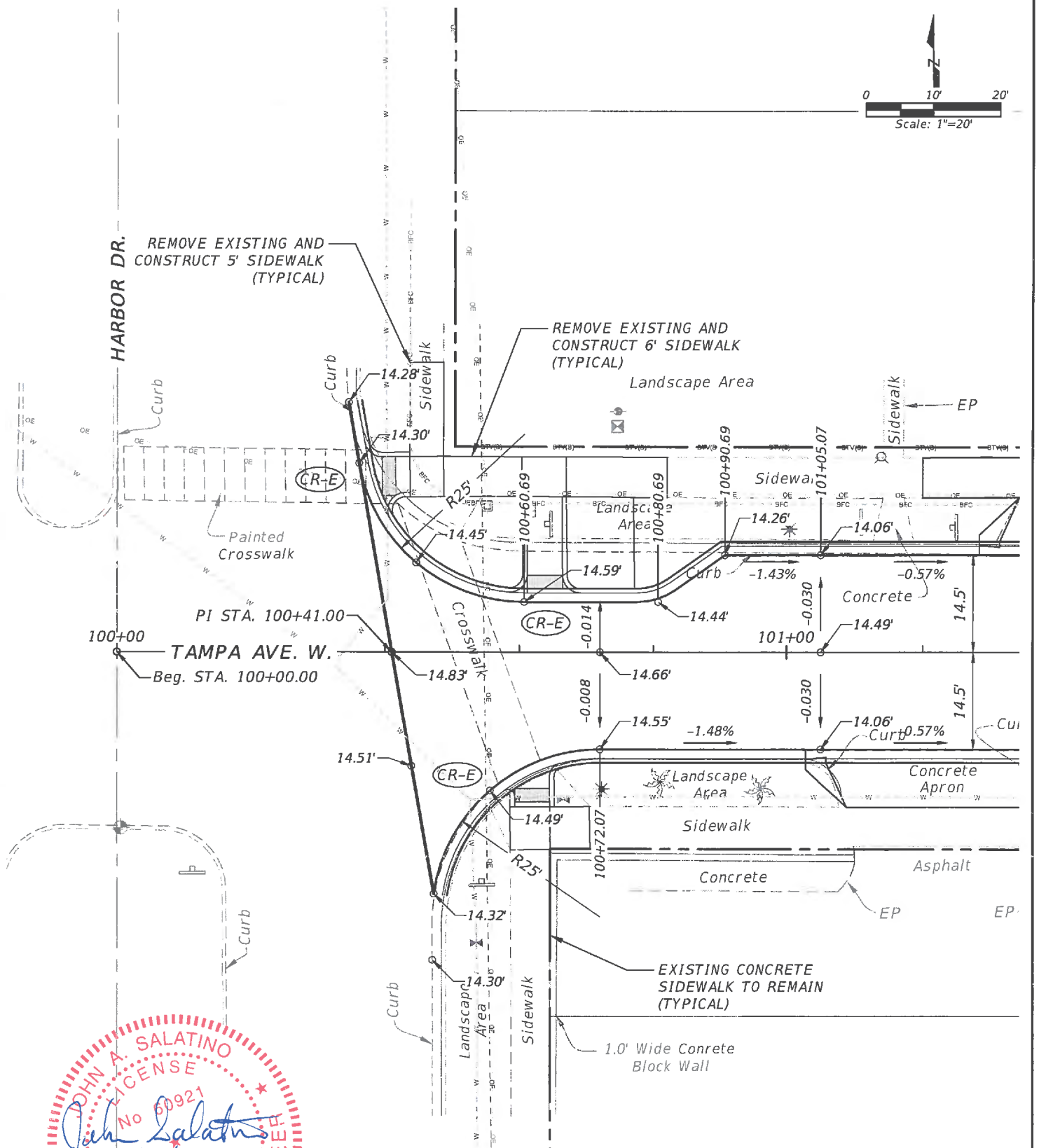
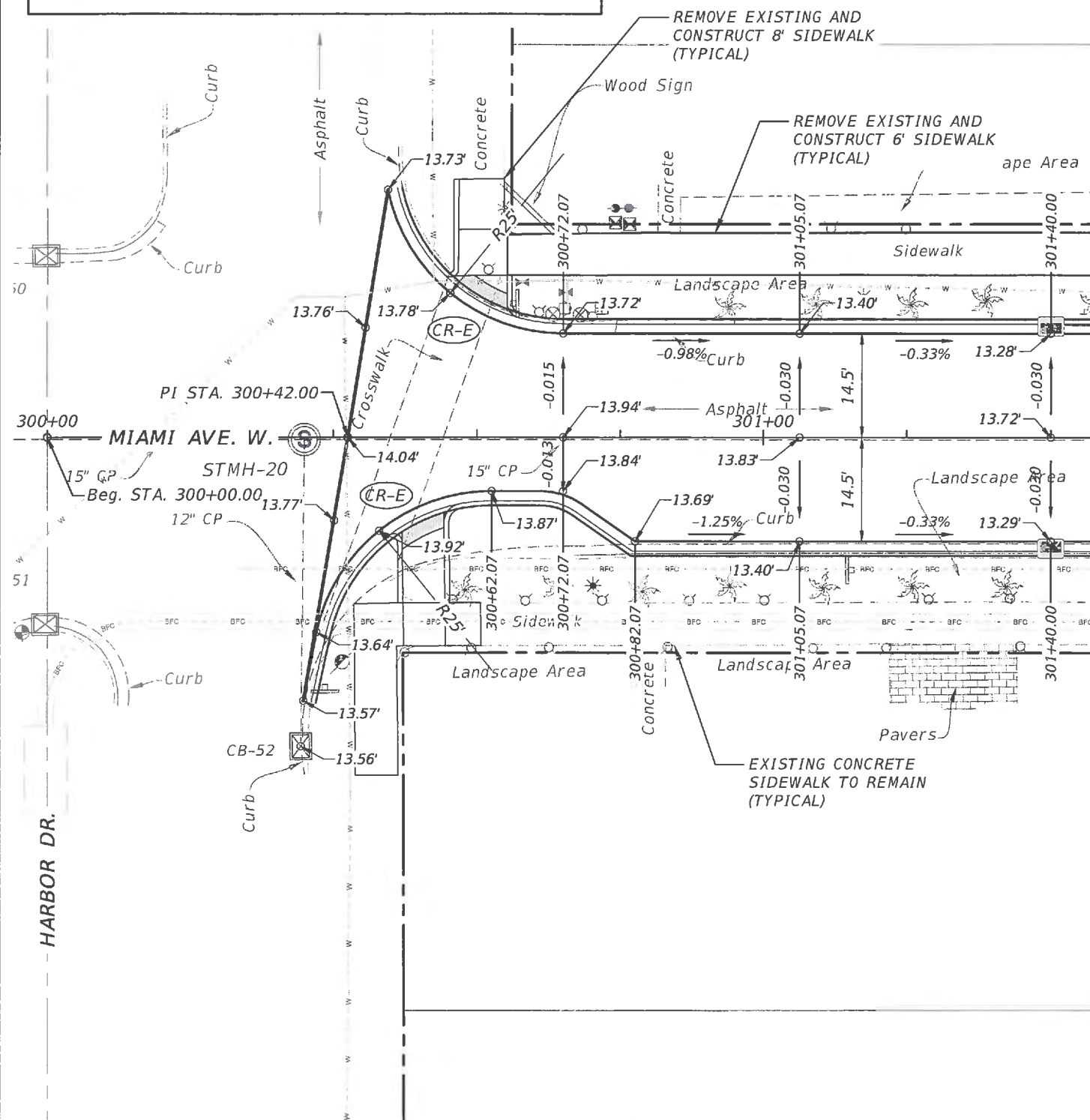


- PLAN SHEET NOTES :
1. THE INTENT OF THIS SHEET IS FOR GRADING AND LAYOUT PURPOSES OF THE PROPOSED INTERSECTION, CURBING, SIDEWALK, CURB RAMPS
 2. FOR PROPOSED DRAINAGE INLETS AND STORM PIPES, REFER TO THE ROADWAY PLAN AND PROFILES SHEETS
 3. FOR CURB RAMP DETAILS, REFER TO FDOT INDEX 304

DESIGNED MLM			PREPARED FOR:		PREPARED BY:		PROJECT:		DESCRIPTION:		APPROVED BY:		DATE:	
DRAWN MA			CHECKED MLM		Venice, FL		ATKINS		CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		JOHN SALATINO, P.E.		2/28/2018	
Page 937 of 1140									MIAMI AVE. & NOKOMIS AVE. INTERSECTION PLAN		DATE		PROJECT NO.:	
REV. NO. DATE DESCRIPTION											ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)		100054389	
											TAMPA, FL 33607-1712		SHEET:	
													48	

LEGEND

-  **PROPOSED CURB & GUTTER (FDOT TYPE-F)**
-  **PROPOSED FINISH GRADE ELEV.**
-  **PROPOSED FINISH GRADE SLOPE (FT./FT. OR %)**
-  **PROPOSED INLET STRUCTURES**
-  **DETECTABLE WARNINGS (FDOT INDEX 304)**



1. THE INTENT OF THIS SHEET IS FOR GRADING AND LAYOUT PURPOSES OF THE PROPOSED INTERSECTION, CURBING, SIDEWALK, CURB RAMPS
2. FOR PROPOSED DRAINAGE INLETS AND STORM PIPES, REFER TO THE ROADWAY PLAN AND PROFILES SHEETS
3. FOR CURB RAMP DETAILS, REFER TO FDOT INDEX 304

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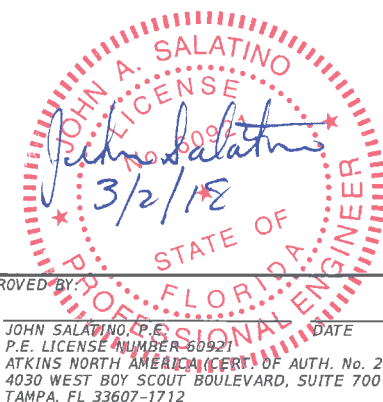
DRIVEWAY PROFILES				
	CENTERLINE STATION	SIDE	APPLICATION	DRIVEWAY WIDTH
TAMPA AVE.	101+24.60	RT.	G-5	31.47'
	101+43.30	LT.	G-5	17.59'
	101+95.61	LT.	G-5	17.72'
	102+63.98	LT.	G-5	29.35'
	103+14.75	RT.	G-5	49.23'
	103+91.57	RT.	G-4	43.43'
	105+33.80	RT.	G-4	30.59'
	105+57.54	LT.	G-5	24.34'
	109+78.67	LT.	G-5	26.00'
	114+10.67	RT.	G-4	25.00'
117+03.00	RT.	G-8	19.00'	
VENICE AVE.				
	204+92.71	LT.	G-4	17.60'
	214+11.39	LT.	G-4	24.00'
	216+24.07	RT.	G-4	14.18'
	217+69.33	LT.	G-4	23.34'
MIAMI AVE.				
	301+74.66	LT.	G-4	24.00'
	301+96.47	RT.	G-5	13.25'
	302+71.99	RT.	G-5	14.30'
	303+39.62	RT.	G-5	12.00'
	303+96.64	RT.	G-5	15.00'
	306+48.39	RT.	G-5	14.00'
	308+02.07	RT.	G-5	19.50'
	309+23.96	LT.	G-5	28.10'
	309+75.27	LT.	G-5	15.20'
	310+45.00	LT.	G-5	18.81'
	311+08.36	LT.	G-5	22.13'
	312+55.11	LT.	G-5	19.28'
	313+10.68	LT.	G-5	24.00'
315+59.40	RT.	G-8	16.22'	
317+09.79	LT.	G-8	20.20'	
NASSAU ST.				
	405+16.47	RT.	G-5	24.32'
	405+16.59	LT.	G-4	24.43'
	408+85.22	RT.	G-4	24.00'
	409+07.67	LT.	G-4	34.22'
	409+74.91	LT.	G-4	38.70'

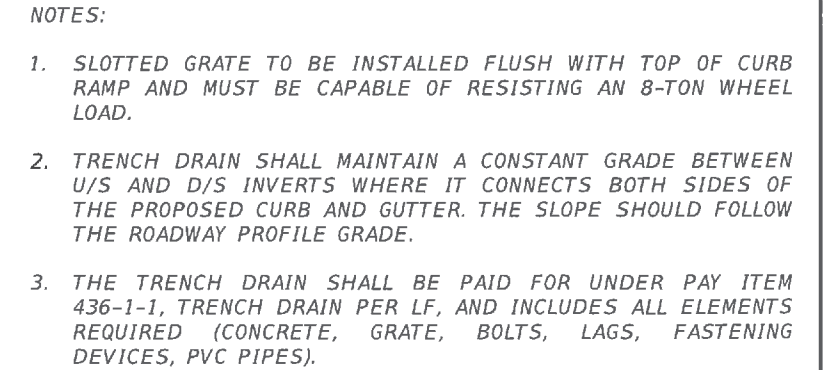
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1. FOR ADDITIONAL CONSTRUCTION DETAILS, REFER TO FDOT INDEX 515.
2. REFER TO SECTION 522 OF THE FDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION REQUIREMENTS.



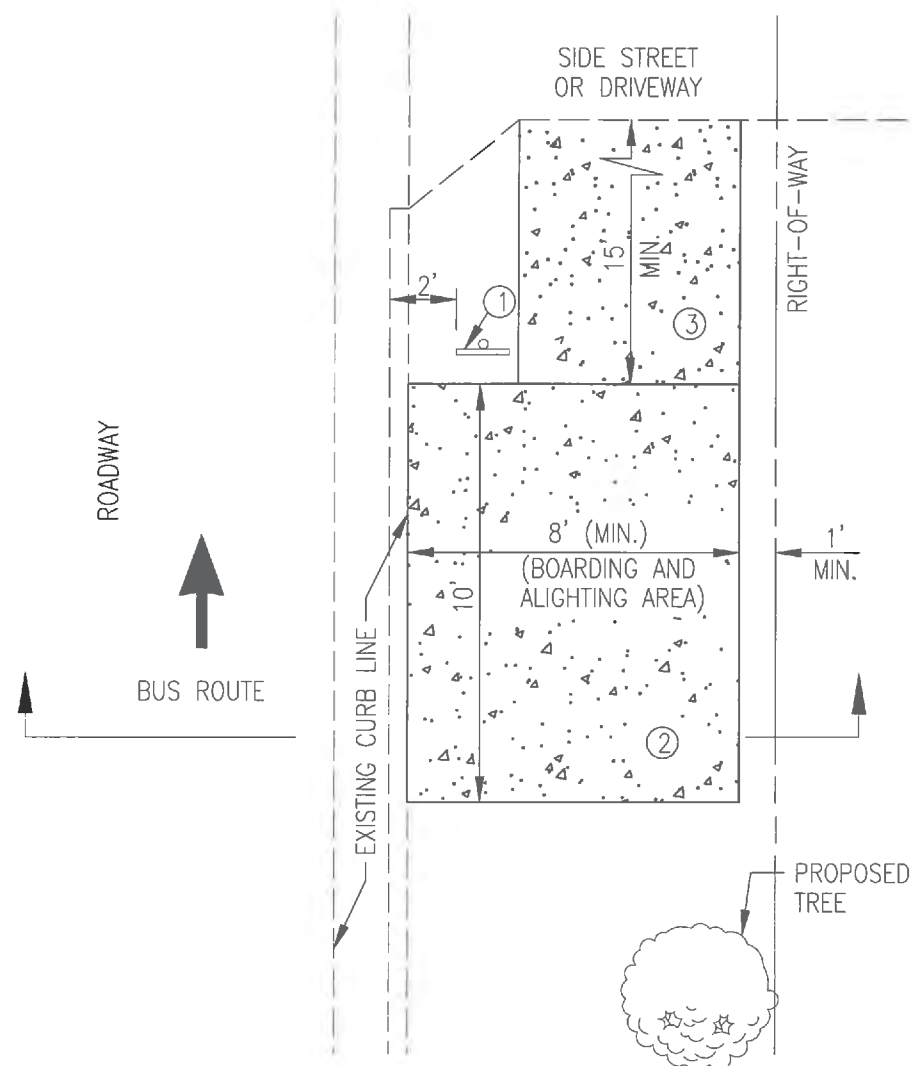
DRIVEWAY DETAIL (N.T.S.)

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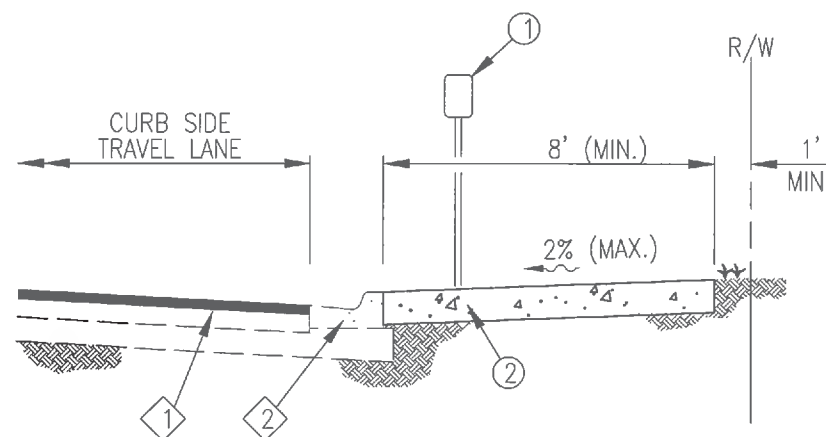


Street	Station	Offset	Curb Ramp Width	PVC Pipe Crossing Length	Total Length of Trench Drain
Tampa	105+91.00	LT	6.00'	7.00'	39'
Tampa	112+11.00	LT	6.00'	7.00'	39'
Venice	203+88.00	RT	8.00'	9.00'	35'
Miami	304+29.00	RT	6.00'	7.00'	39'
Miami	310+09.00	RT	6.00'	7.00'	39'





PLAN



SECTION

LEGEND

SCAT = SARASOTA COUNTY AREA TRANSIT
MUTCD = MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION

EXISTING FEATURES:

- 1 ROADWAY PAVEMENT
2 TYPES "E" OR "F" CURB AND GUTTER

PROPOSED FACILITIES:

- ① SCAT TRANSIT SIGN
- ② CONCRETE BOARDING AND ALIGHTING AREA (6" THICK)
- ③ CONCRETE SIDEWALK (4" THICK)

MATERIALS:

1. All concrete shall be 3,000 psi concrete for non-structural pads.

DESIGN NOTES:

1. Boarding and alighting areas shall be designed in accordance with applicable ADA Standards and the FDOT Plans Preparation Manual, Volume 1, Chapter 8, and Florida Administrative Code, Rule 14-20 Private Use of Right of Way.
2. Should another type of curb and gutter exist along the transit stop frontage, the curb and gutter shall be replaced with type "E" or "F" curb and gutter along the entire boarding and alighting area frontage with 3' curb transitions provided beyond the boarding and alighting area limits.
3. Street trees are desired adjacent to new facility construction and optional with facility retrofits. Contact the Sarasota County Forestry Division for tree type selection and placement guidelines.
4. Should an unavoidable constraint hinder the desired ten (10) foot width, a boarding and alighting area width of less than ten (10) feet may be considered. In no case shall the boarding and alighting area be less than five (5) feet wide.
5. Typical boarding and alighting area cross slopes shall not exceed 2%. Should adjacent existing sidewalk cross slope exceed 2%, a short segment of existing concrete sidewalk shall be removed and reconstructed to transition the boarding and alighting area back into the existing sidewalk. The length of existing sidewalk removal shall be determined based on the transition meeting all applicable ADA Standards for longitudinal slopes.
6. All transit stop facilities shall be constructed in accordance with the design plans when provided, SCAT Design Standards, Sarasota County Standards Specification 480, manufacturer specifications, and FDOT criteria.
7. Sidewalk connections to the closest side street/driveway or existing sidewalk shall be incorporated into the design plans.

PAY ITEM NOTES:

1. The boarding and alighting area concrete is to be paid for under pay item 522-2 concrete sidewalk and driveways (6" thickness) per SY.

XX.XX' PAVEMENT ELEVATION
-X.XXX% PAVEMENT CROSS SLOPE

NOTE:

1. THE INTENT OF THIS SHEET IS FOR ROADWAY GRADING PURPOSES ONLY TO ACHIEVE PROPER DRAINAGE TO INLET STRUCTURE S-206.

Landscape Area

Scale: 1"=1'

Sidewalk

Landscape
Area

Sidewalk

Pavers

~~Concrete~~

Asphalt

~~CB-13~~

Brick Paver
Crosswalk

CB-14

12" PVC

Pavers
15" CP

204

STMH-10

Limits of Hedge Row

VENICE AVE. W.

Curb

S-20

MH-20

24

DESIGNED MLM
DRAWN MA
CHECKED MLM

PREPARED FOR:



PREPARED BY

ATKINS

PROJECT:

CITY OF VENICE
DOWNTOWN ROADWAY
CORRIDOR IMPROVEMENTS

DESCRIPTION

SPECIAL DETAIL
PAVEMENT GRADING
AT S-206

APPROVED BY:

JOHN SALAFINO, P.E. DATE
P.E. LICENSE NUMBER 60921
ATKINS NORTH AMERICA (CERT. OF AUTH. NO. 24)
4030 WEST 80th SCOUT BOULEVARD, SUITE 700
TAMPA, FL 33607-1712

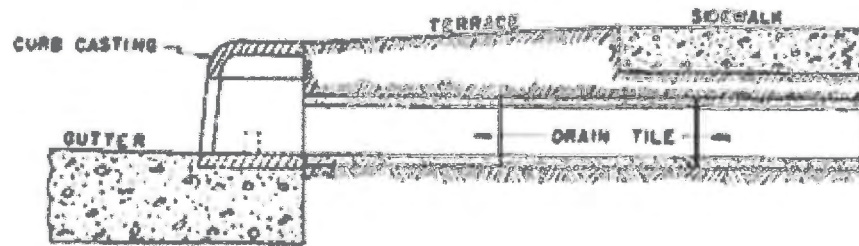
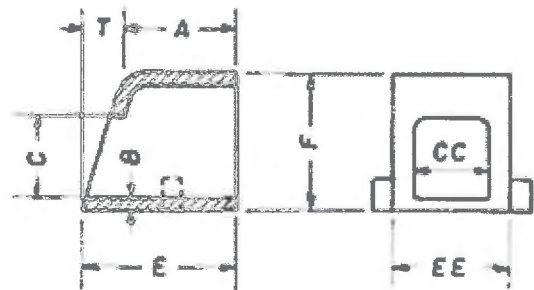
ДАН

DATE: 3/13/2018
PROJECT NO: 100054389
SHEET: 53

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R-3262-3 DIMENSIONS:

A = 5"
B = 0.5"
C = 4"
C-C = 5.5"
E = 6"
E-E = 6.5"
F = 6.5"
T = 1"

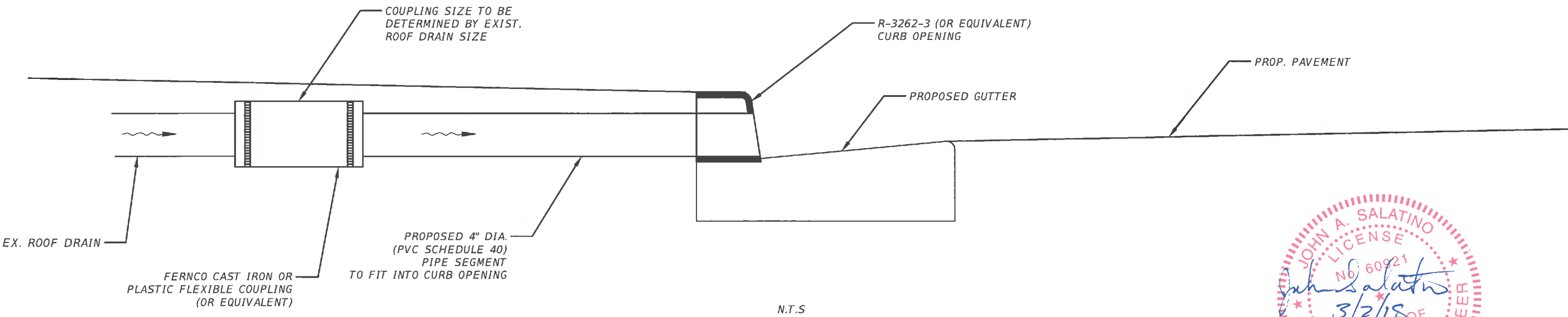


- NOTES:
1. THIS PRODUCT IS A HEAVY DUTY CAST IRON CURB OPENING, PRODUCED BY NEENAH FOUNDRY (NEENAH ENTERPRISES, INC.).
 2. ALL EXISTING ROOF DRAINS ARE DENOTED IN THE PLAN SHEETS, AND ARE TO BE CONNECTED TO R-3262-3 CURB OPENINGS, OR EQUIVALENT, WHERE CURB IS TO BE REPLACED.
 3. THE COMPLETE SYSTEM (COUPLINGS, PVC PIPE, CAST IRON CURB OPENING, ETC.) AND INSTALLATION NECESSARY TO CONNECT THE EXISTING ROOF DRAINS TO THE PROPOSED CURBS, IS INCLUDED IN PAY ITEM 999-1, ROOF DRAINS PER EACH.

SOURCE: NEENAH ENTERPRISES, INC.

Rear view of R-3262-3 only.
(optional)

N.T.S

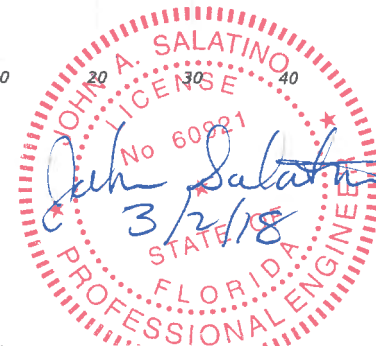
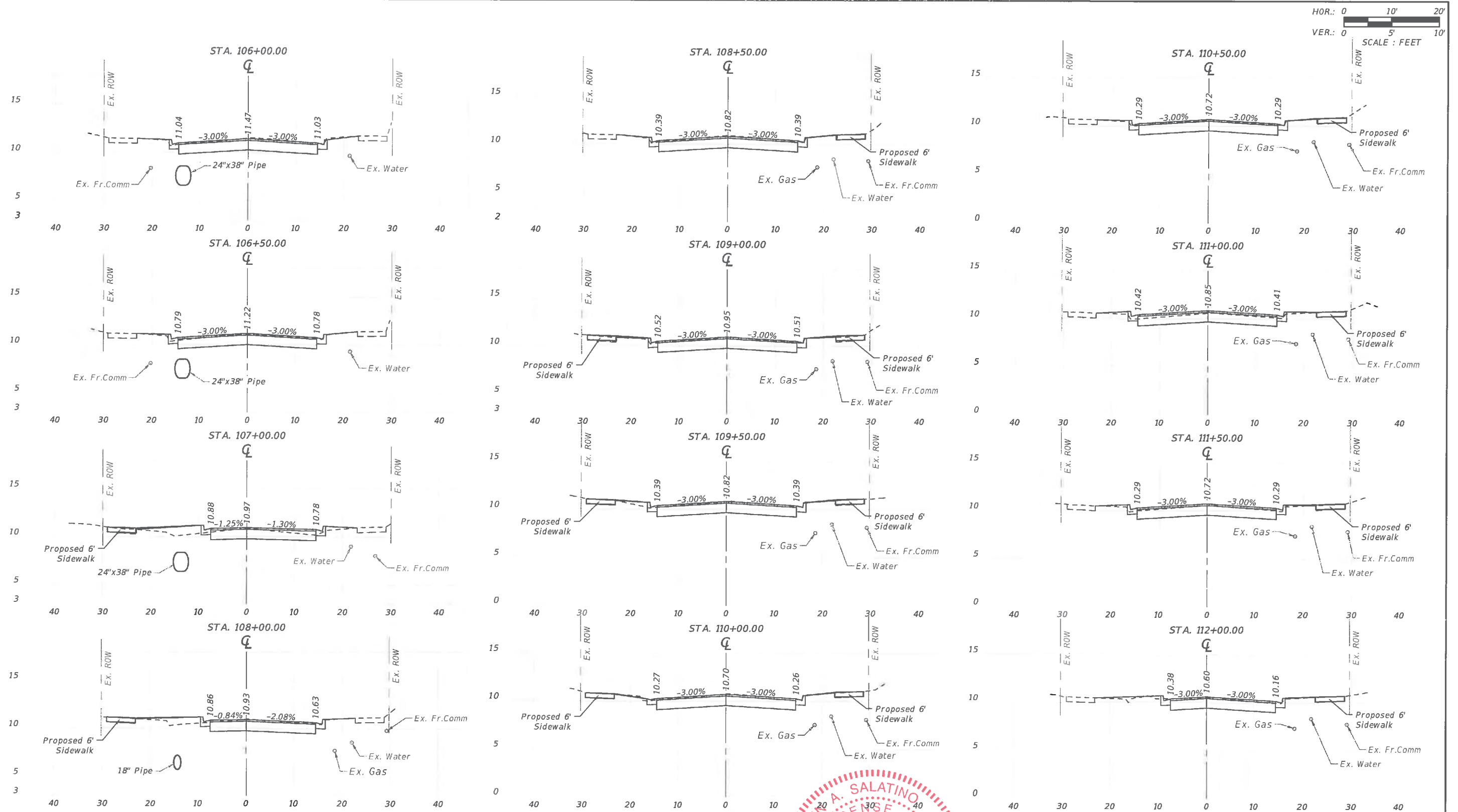


N.T.S



			DESIGNED <u>MLM</u>			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: SPECIAL DETAIL ROOF DRAIN AND INLET OPENING	APPROVED BY:  JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018
Page 943 of 1140			DRAWN <u>MA</u>						PROJECT NO.: 100054389
REV. NO.	DATE	DESCRIPTION	CHECKED <u>MLM</u>						SHEET: 54

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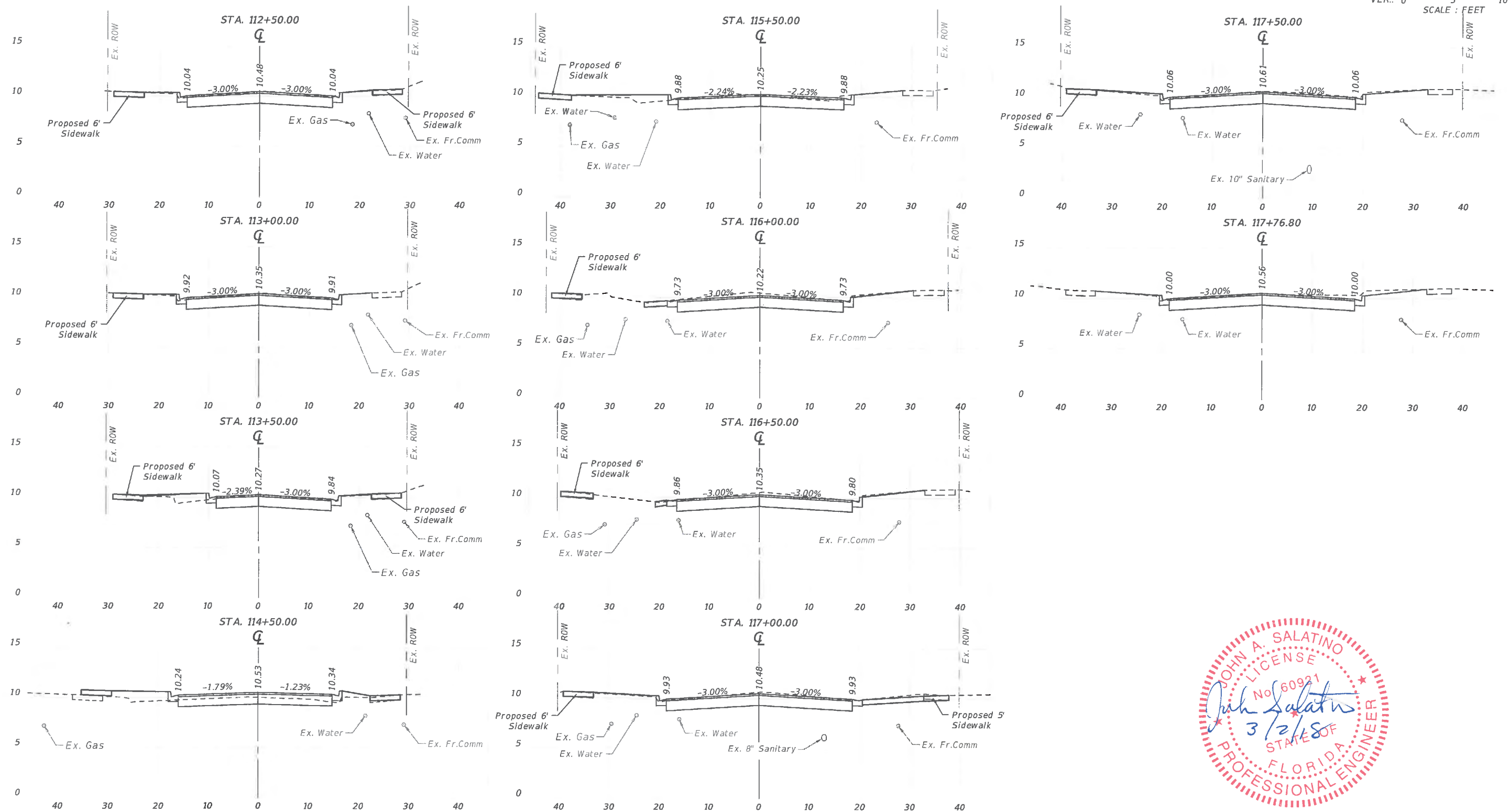


UTILITIES NOTES:

LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

DESIGNED MLM		PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TAMPA AVE. CROSS SECTIONS		APPROVED BY: JOHN SALATINO, P.E. DATE: 2/28/2018		DATE: 2/28/2018	
DRAWN MA										P.E. LICENSE NUMBER 60921		PROJECT NO.: 100054389	
CHECKED MLM										ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)		SHEET: 56	
										4030 WEST BOY SCOUT BOULEVARD, SUITE 700			
										TAMPA, FL 33607-1712			

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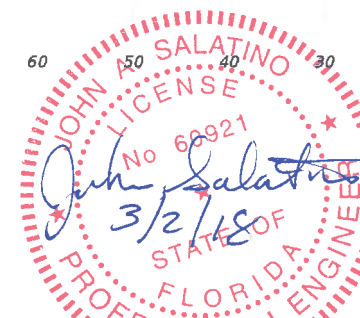
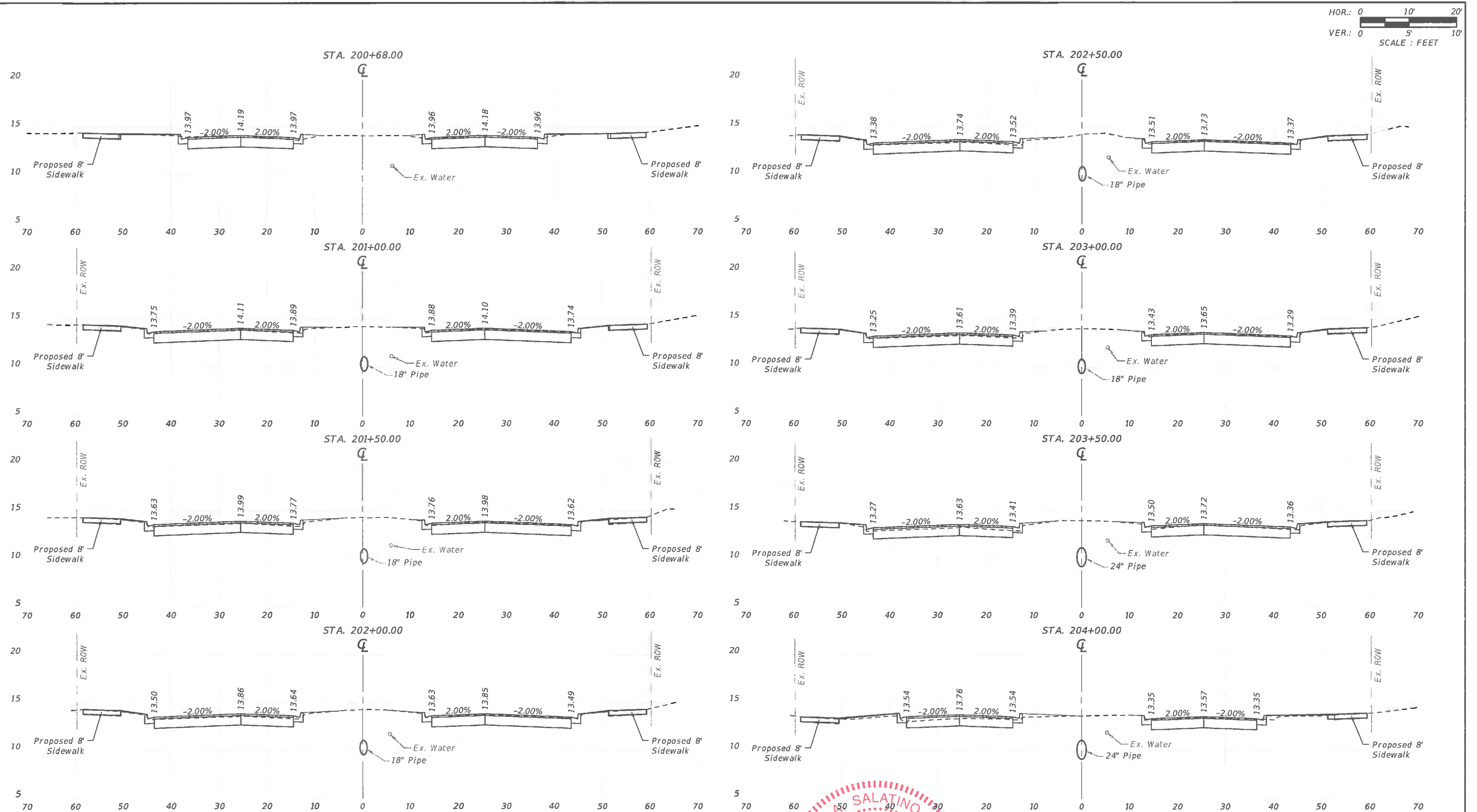


UTILITIES NOTES:

LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

DESIGNED MLM			PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TAMPA AVE. CROSS SECTIONS		APPROVED BY: JOHN SALATINO, P.E. DATE: 2/28/2018		DATE: 2/28/2018	
DRAWN MA											P.E. LICENSE NUMBER 60921		PROJECT NO.: 100054389	
CHECKED MLM											ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)		SHEET: 57	
Page 946 of 1140											4030 WEST BOY SCOUT BOULEVARD, SUITE 700			
REV. NO. DATE DESCRIPTION											TAMPA, FL 33607-1712			

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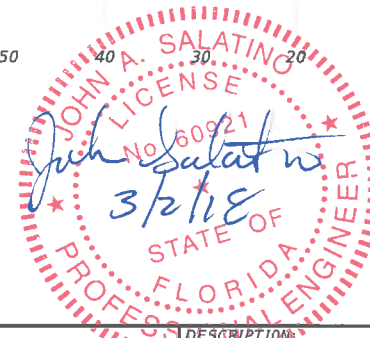
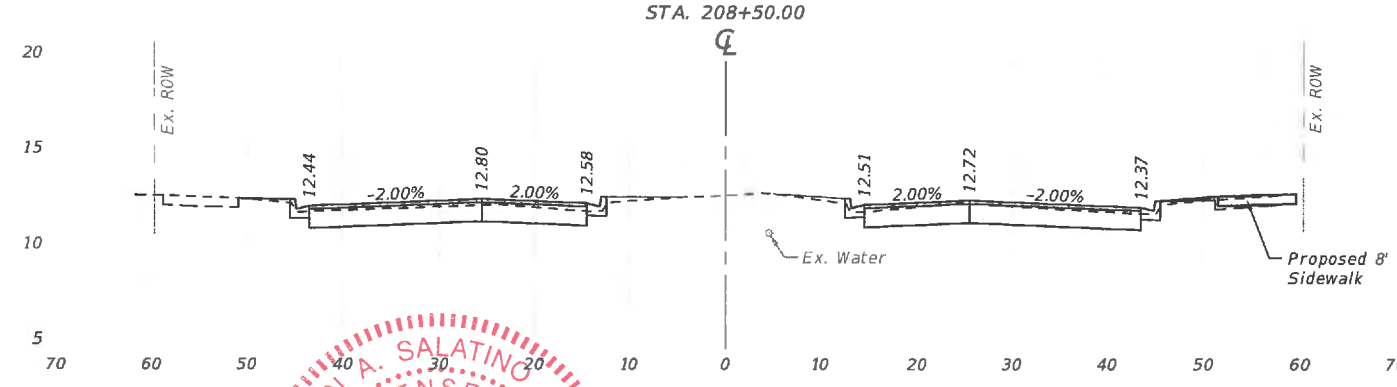
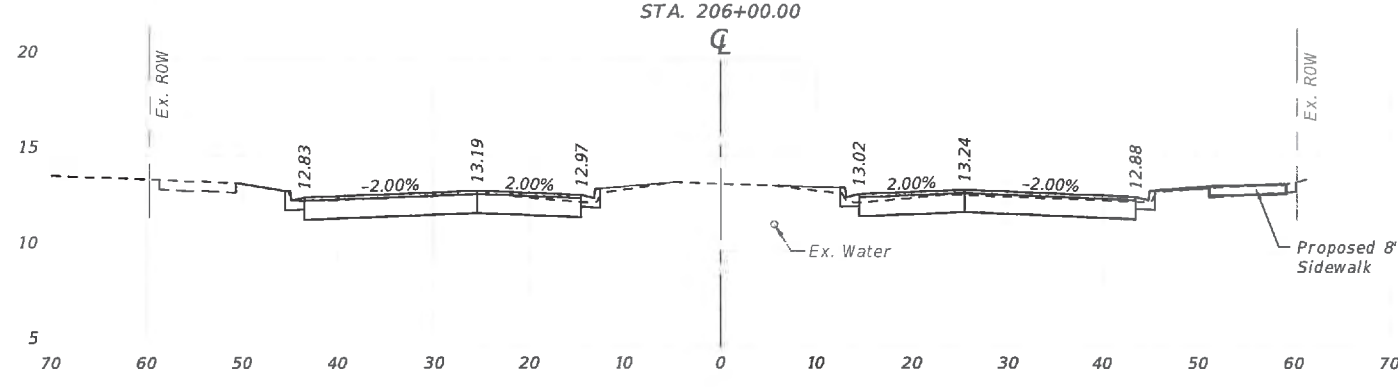
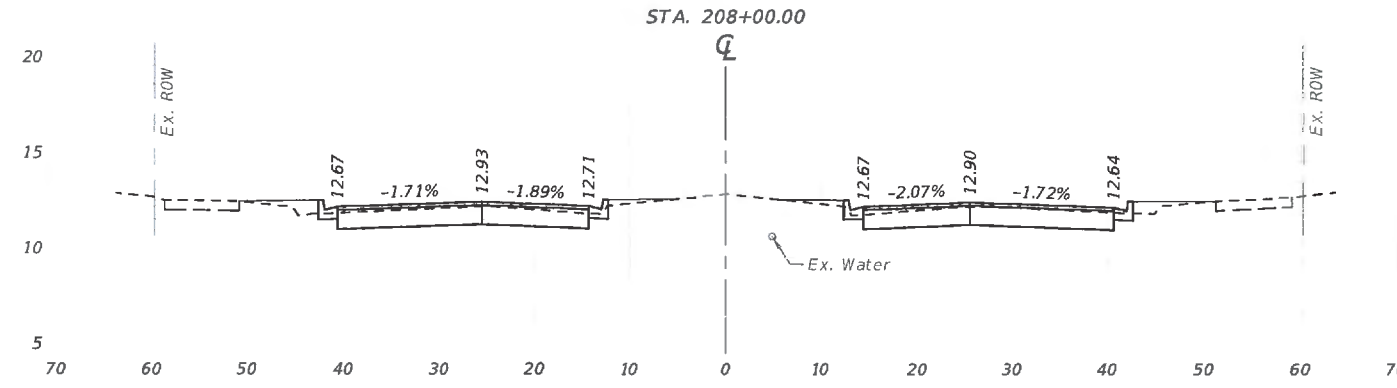
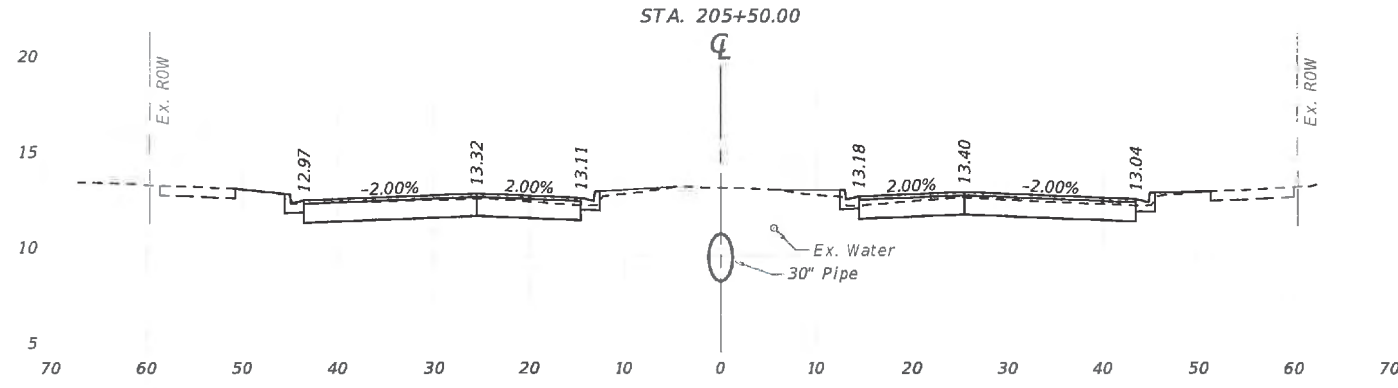
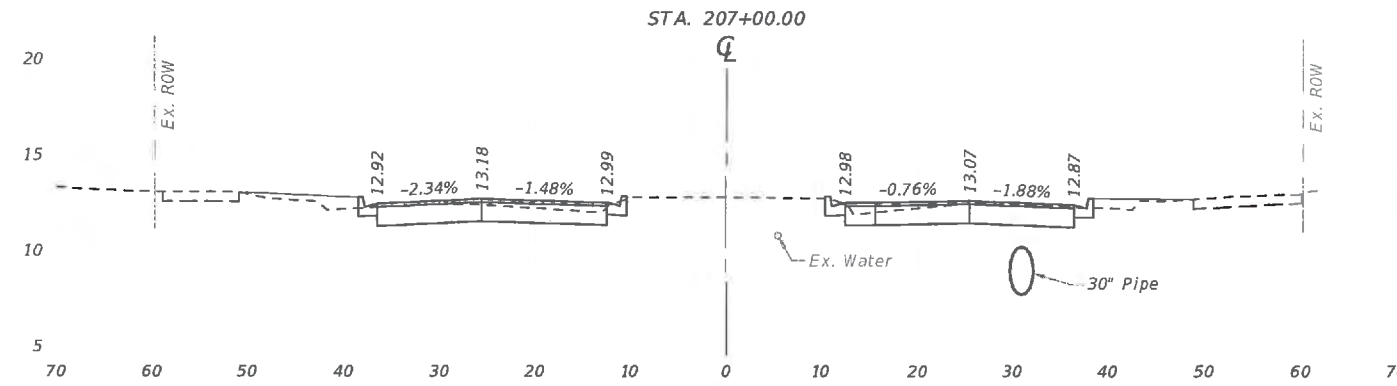
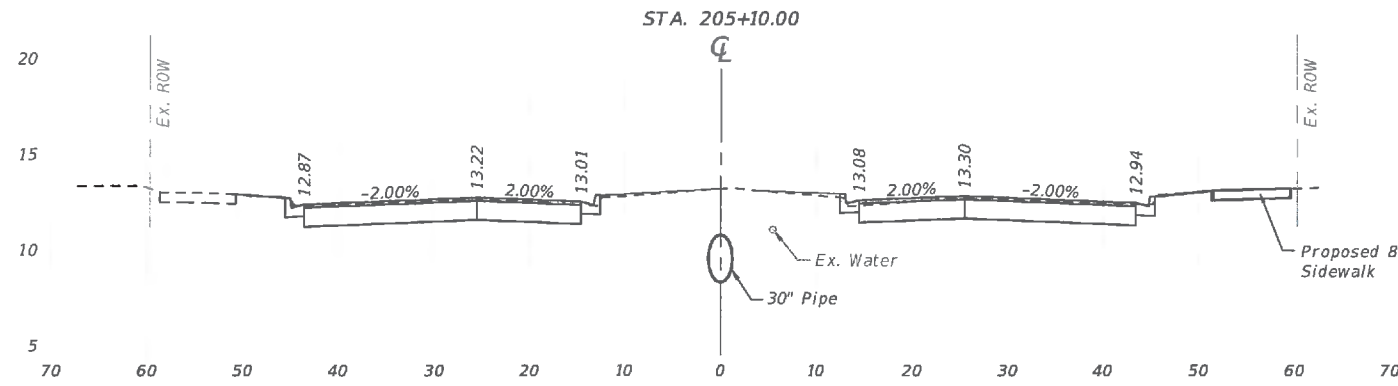
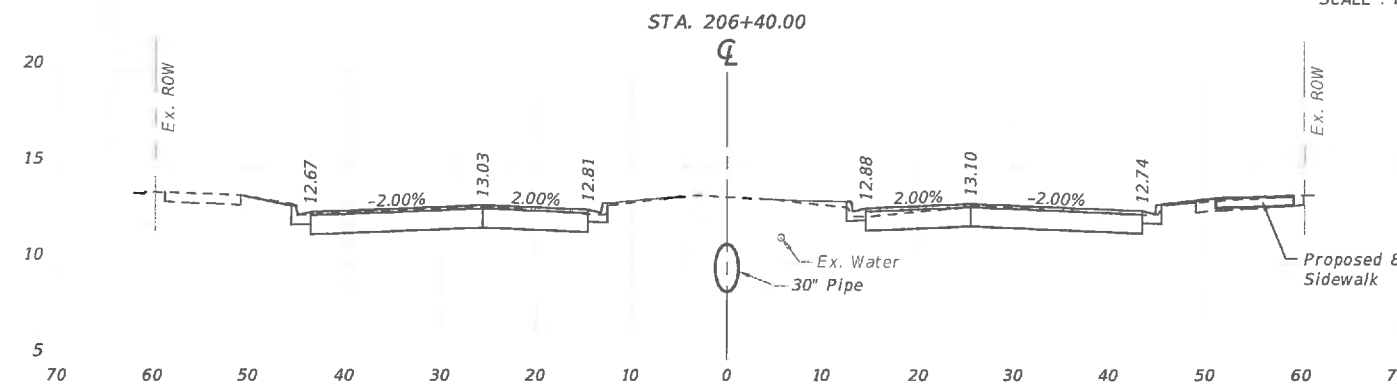
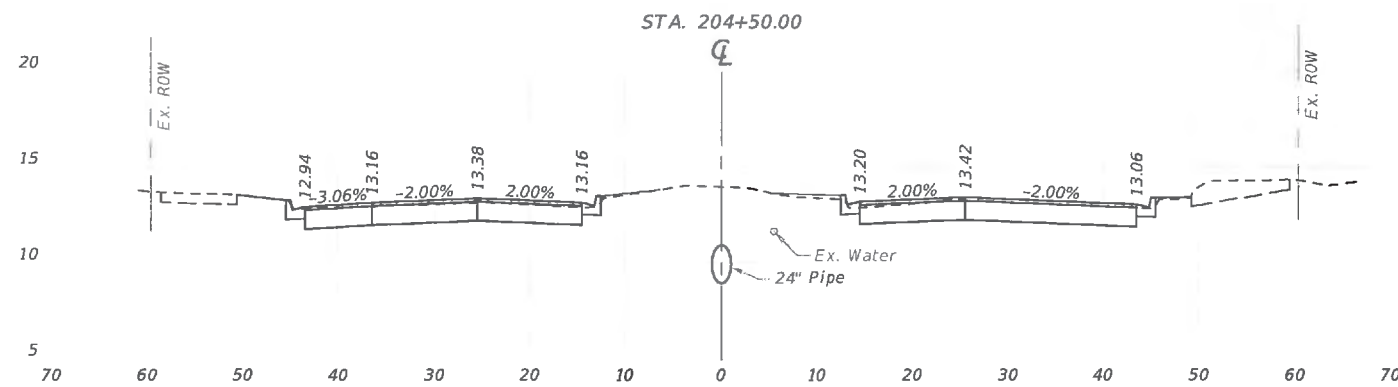


UTILITIES NOTES:
LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

Page 947 of 1140			DESIGNED MLM	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: VENICE AVE. CROSS SECTIONS	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018
REV.	NO.	DATE	DESCRIPTION	DRAWN MA	CHECKED MLM				
						PROJECT NO.: 100054389			
						SHEET: 58			

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VER.: 0 5' 10'
SCALE : FEET

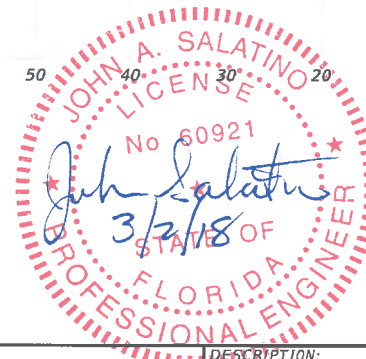
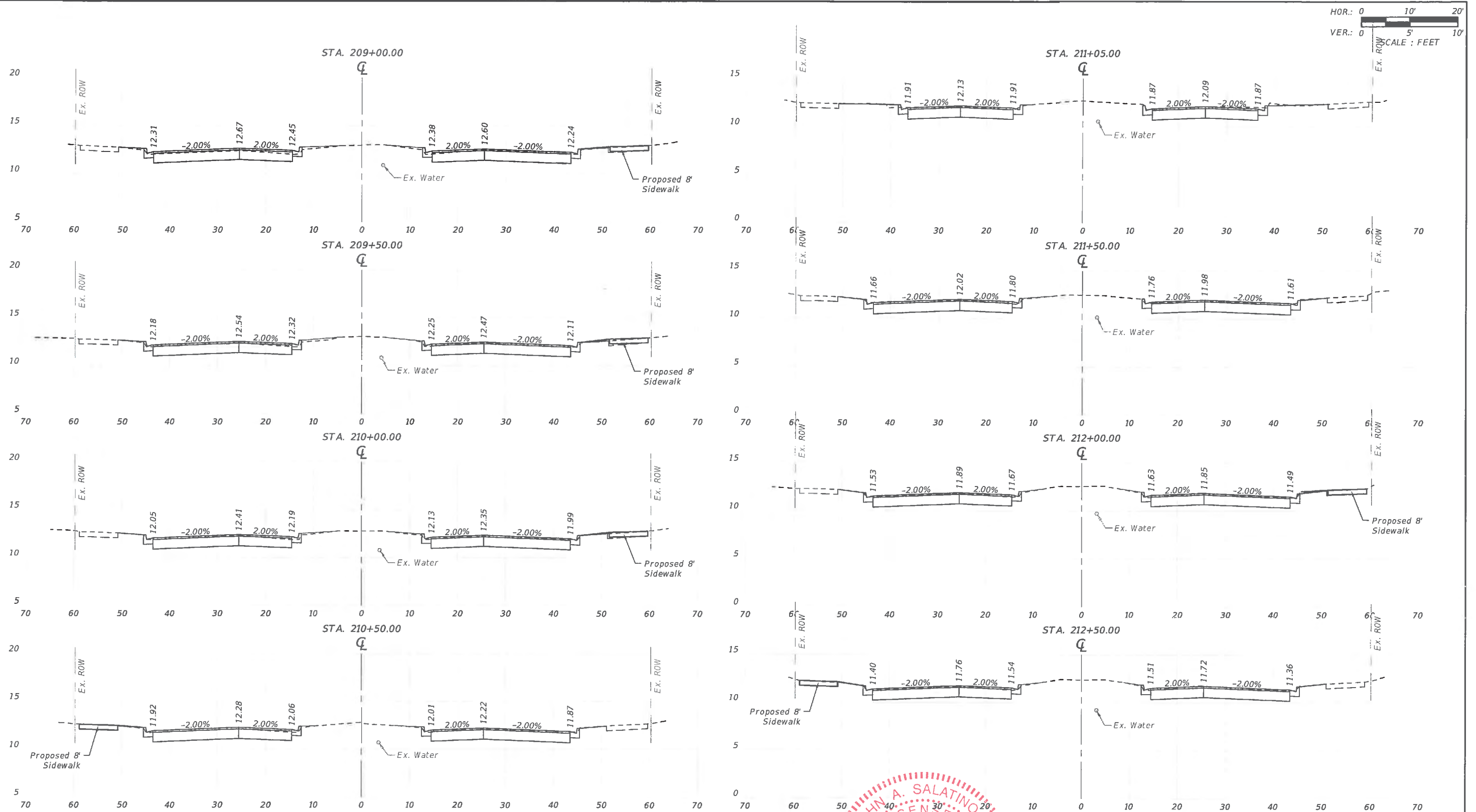


UTILITIES NOTES:

LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

Page 948 of 1140			DESIGNED MLM	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: VENICE AVE. CROSS SECTIONS	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018
REV. NO.	DATE	DESCRIPTION	DRAWN MA						PROJECT NO.: 100054389
			CHECKED MLM						SHEET: 59

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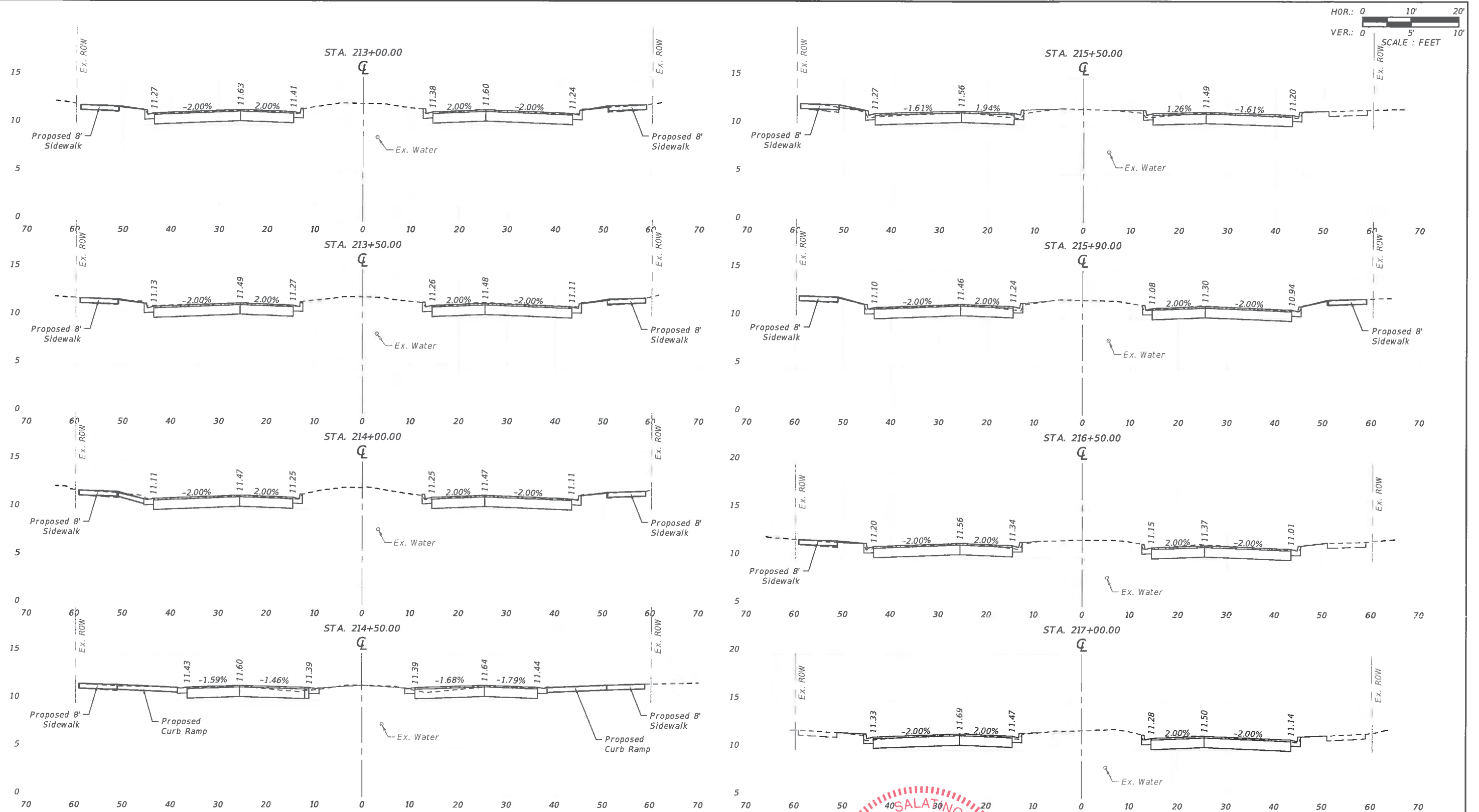


UTILITIES NOTES:

LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

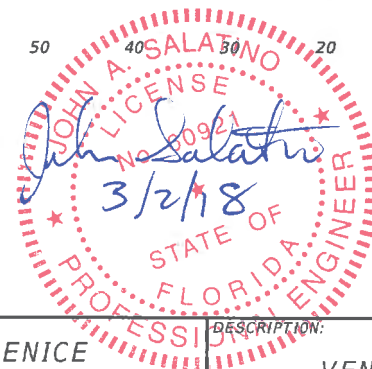
DESIGNED MLM			PREPARED FOR:		PREPARED BY:		PROJECT:		DESCRIPTION:		APPROVED BY:		DATE:	
DRAWN MA			Venice, FL		ATKINS		CITY OF VENICE		VENICE AVE.		JOHN SALATINO, P.E.		2/28/2018	
CHECKED MLM			City on the Gulf				DOWNTOWN ROADWAY		CROSS SECTIONS		P.E. LICENSE NUMBER 60921		PROJECT NO.: 100054389	
Page 949 of 1140											ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)		SHEET: 60	
REV. NO. DATE DESCRIPTION											4030 WEST BOY SCOUT BOULEVARD, SUITE 700			
											TAMPA, FL 33607-1712			

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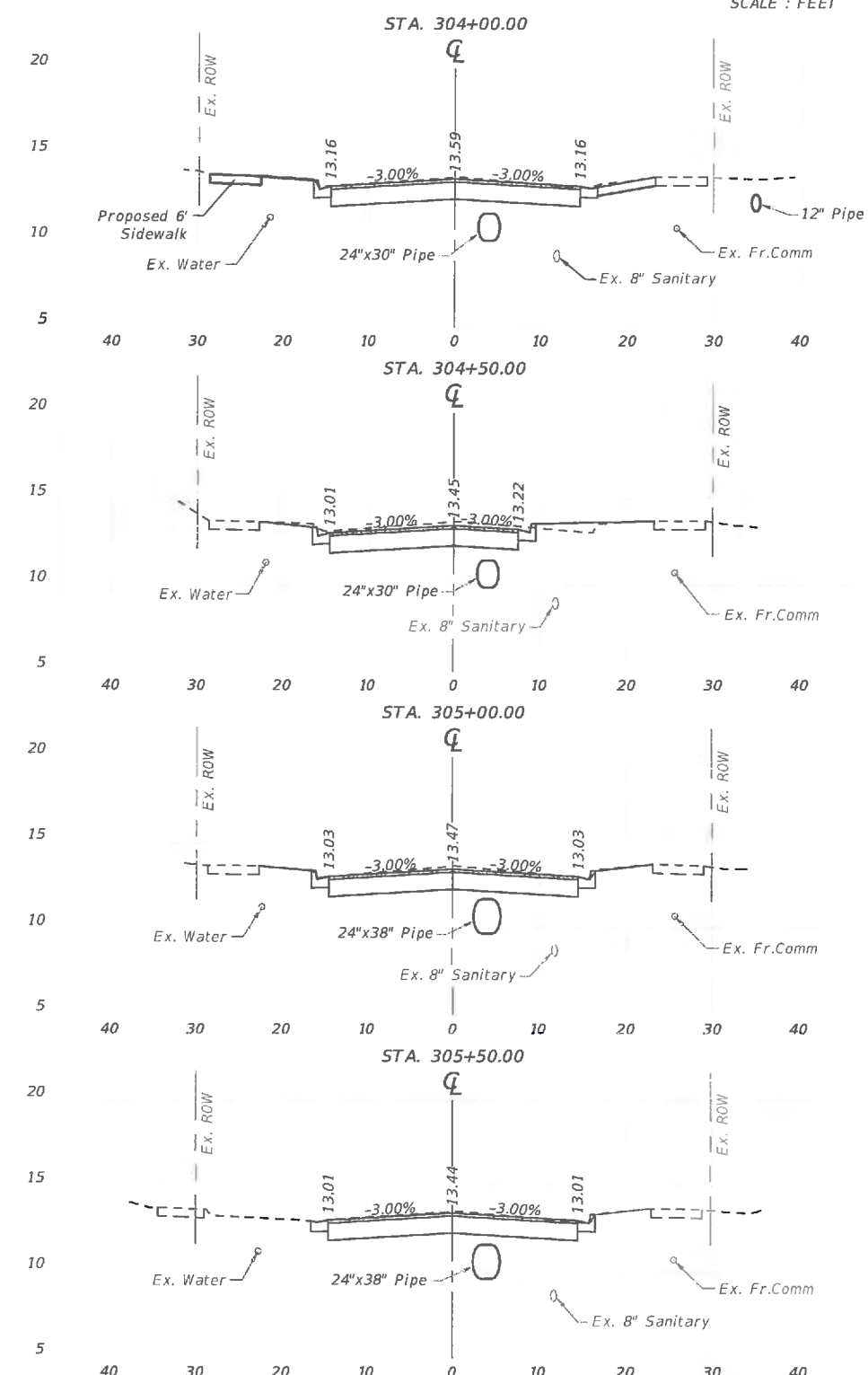
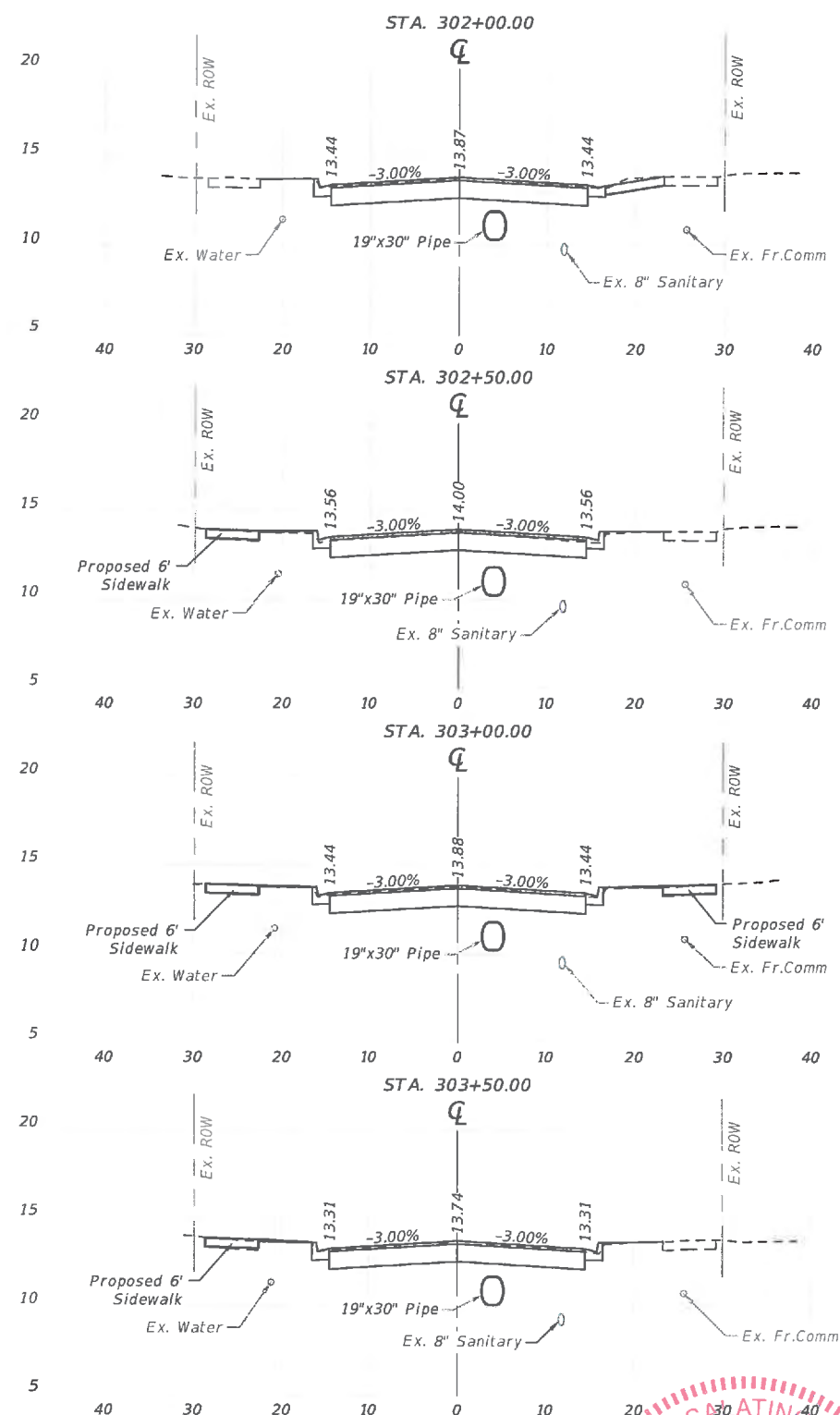


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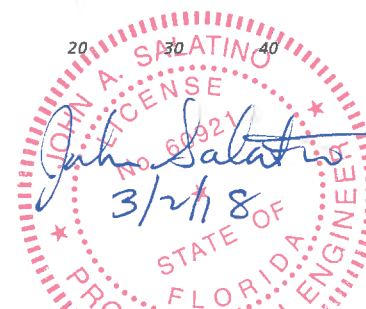
LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.



Page 950 of 1140			DESIGNED MLM	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: VENICE AVE. CROSS SECTIONS	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 61
REV. NO.	DATE	DESCRIPTION	DRAWN MA CHECKED MLM						



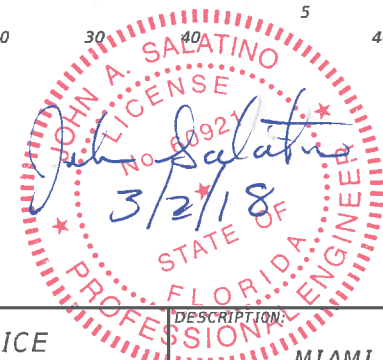
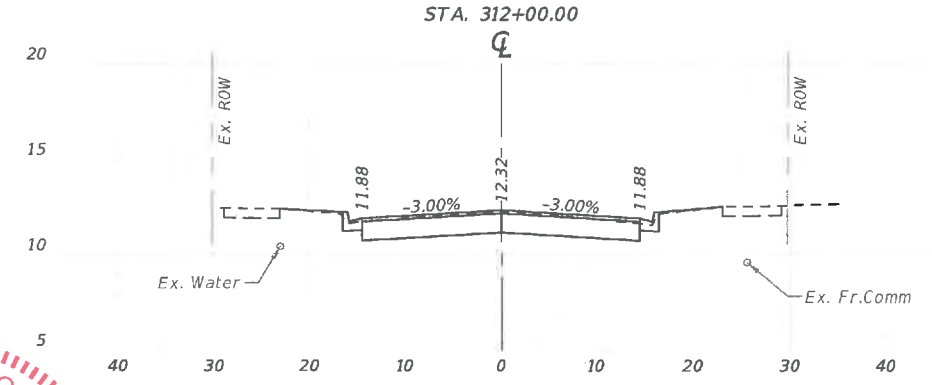
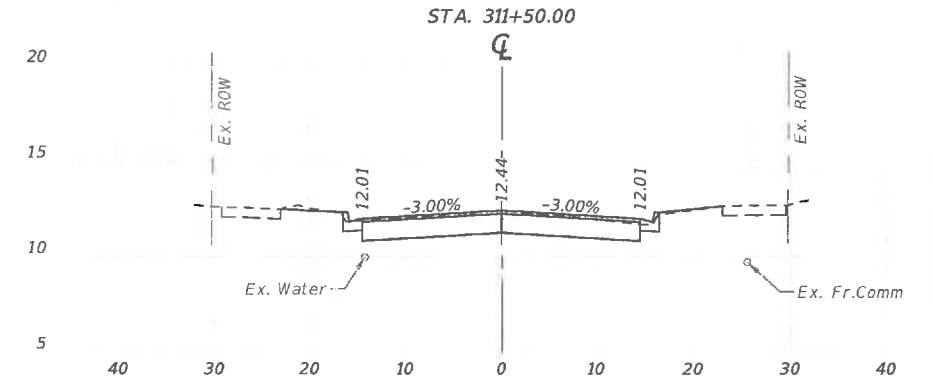
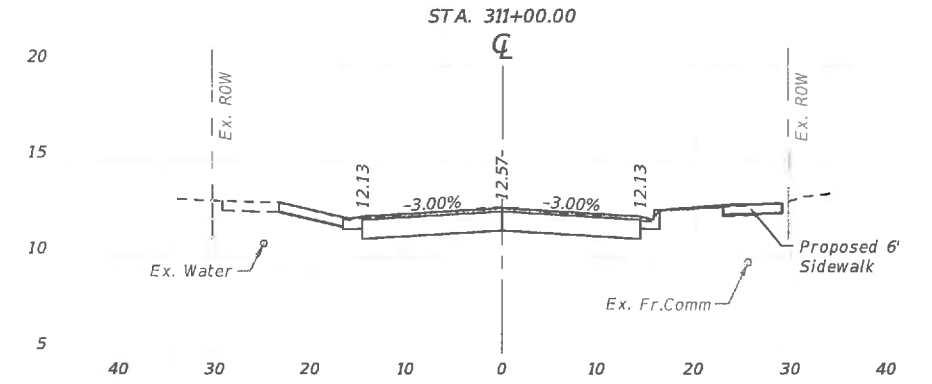
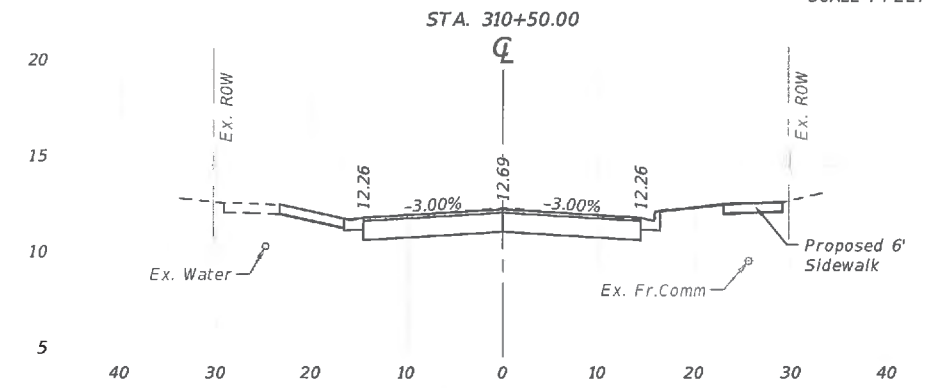
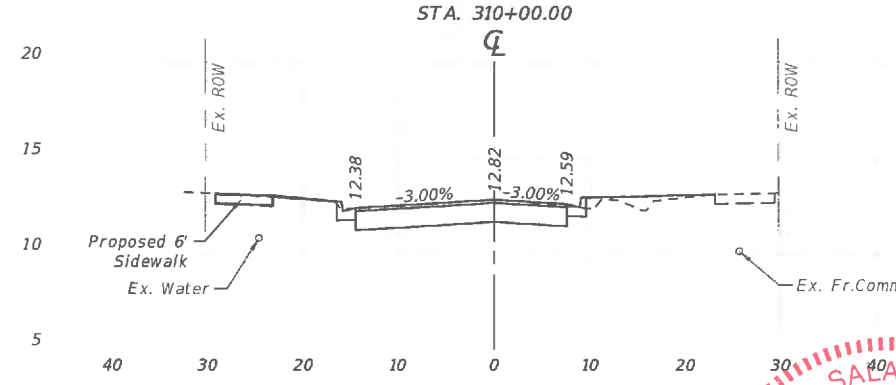
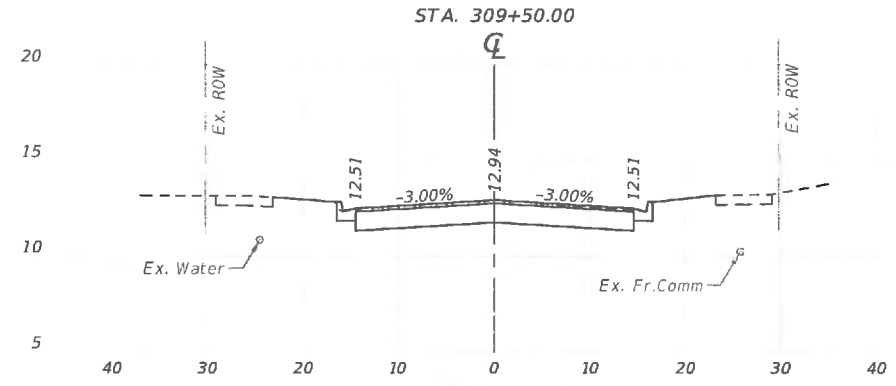
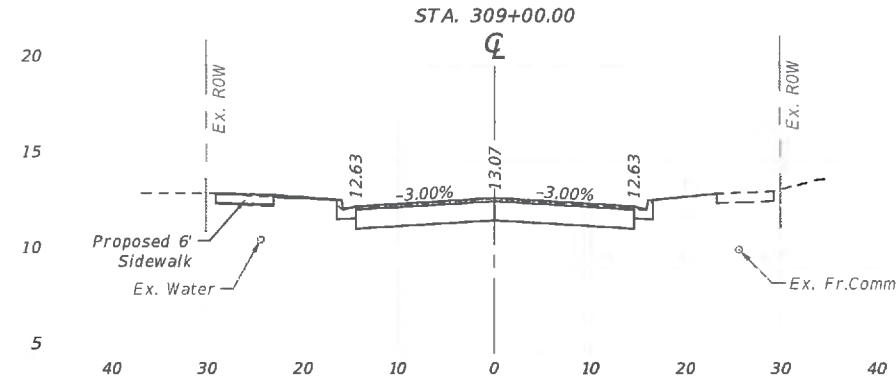
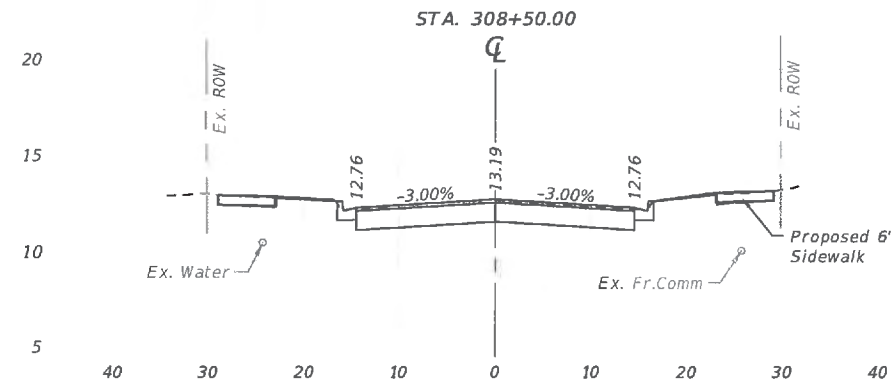
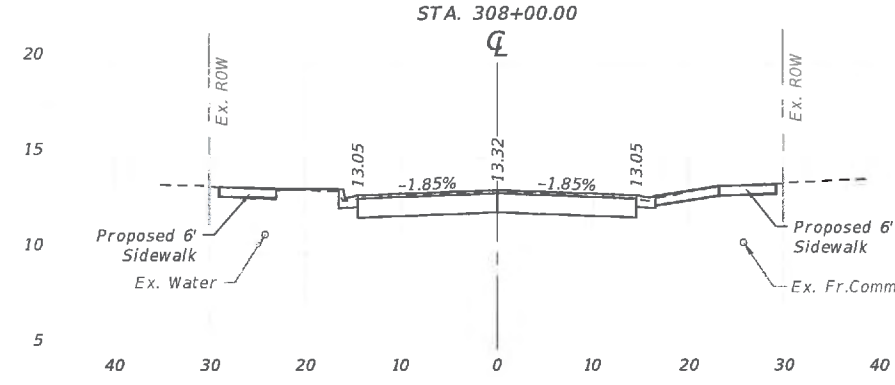
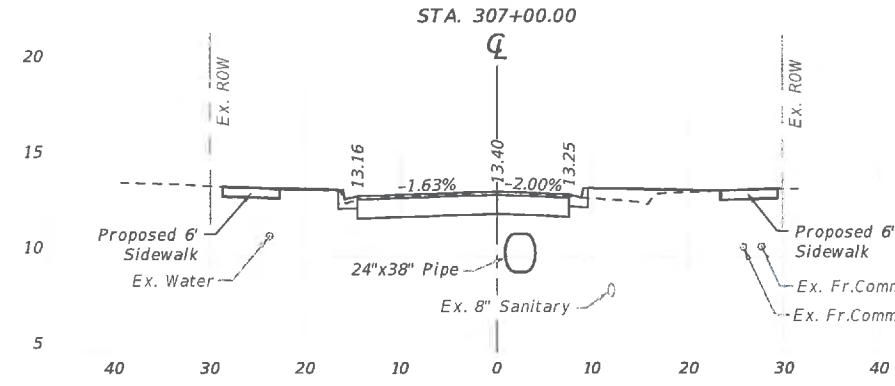
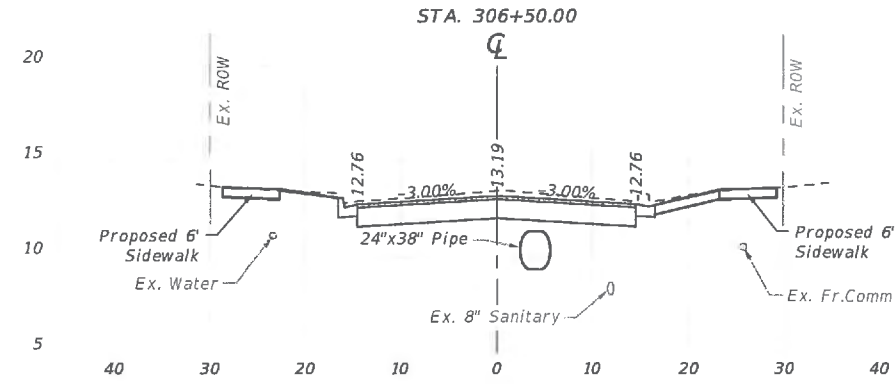
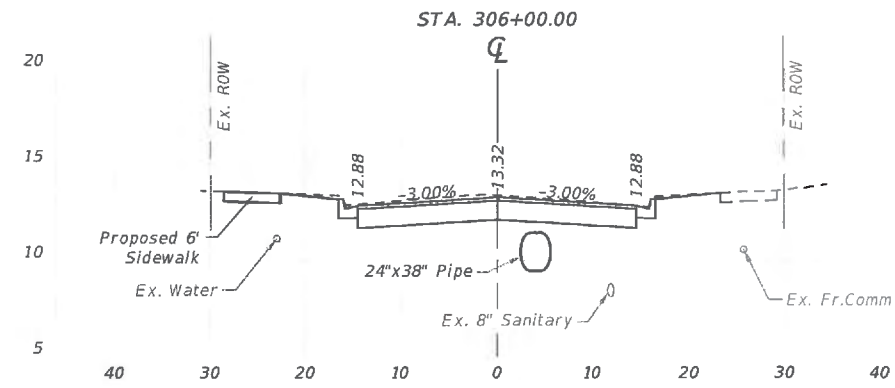
LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.



					DESIGNED <u>MLM</u>		PREPARED FOR:		PREPARED BY:		PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	MIAMI AVE. CROSS SECTIONS	APPROVED BY:	DATE:	2/28/2018	
					DRAWN <u>MA</u>												PROJECT NO.:	100054389
Page 952	of 1140				CHECKED <u>MLM</u>													SHEET:
REV. NO.	DATE	DESCRIPTION																

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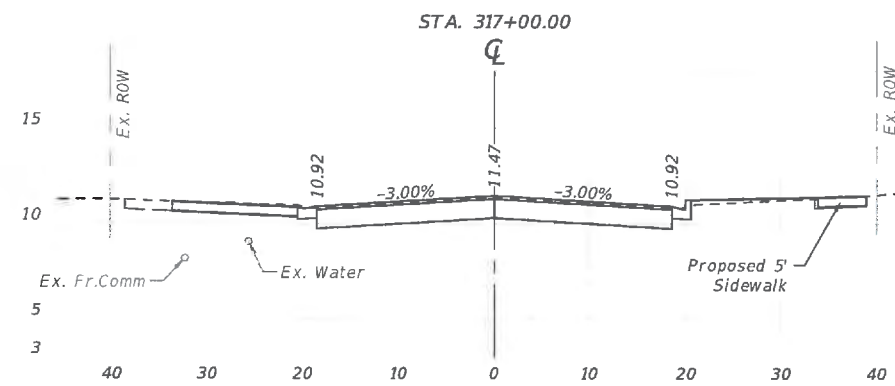
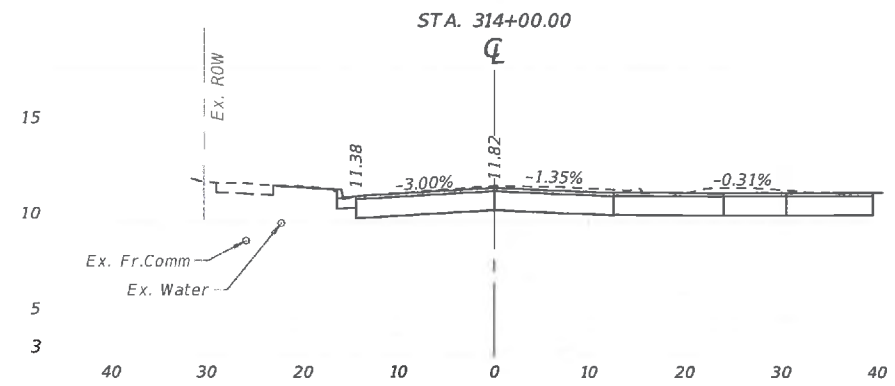
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VER.: 0 5' 10'
SCALE : FEET



UTILITIES NOTES:

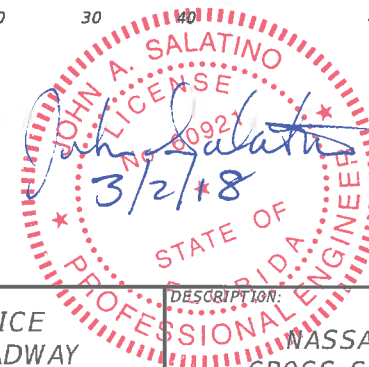
LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

Page 953 of 1140			DESIGNED MLM	PREPARED FOR: Venice, FL City on the Gulf	PREPARED BY: ATKINS	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: MIAMI AVE. CROSS SECTIONS	APPROVED BY: JOHN SALATINO, P.E. LICENSE NUMBER 60921 DATE 2/28/2018	DATE: 2/28/2018
REV. NO.	DATE	DESCRIPTION	DRAWN MA					ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	PROJECT NO.: 100054389
			CHECKED MLM						SHEET: 64



REV. NO.	DATE	DESCRIPTION
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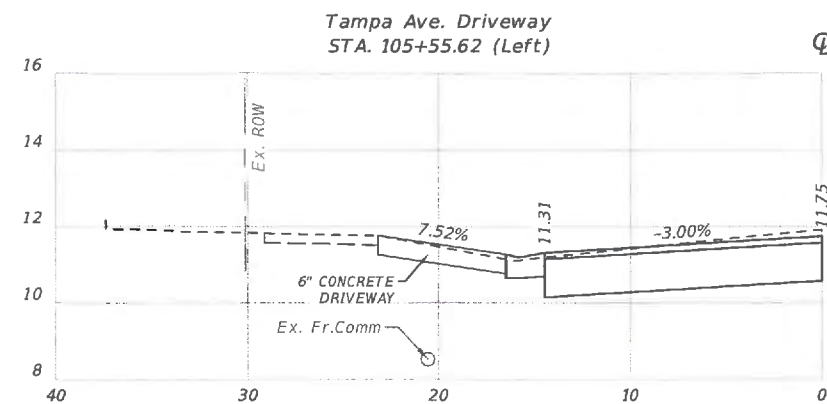
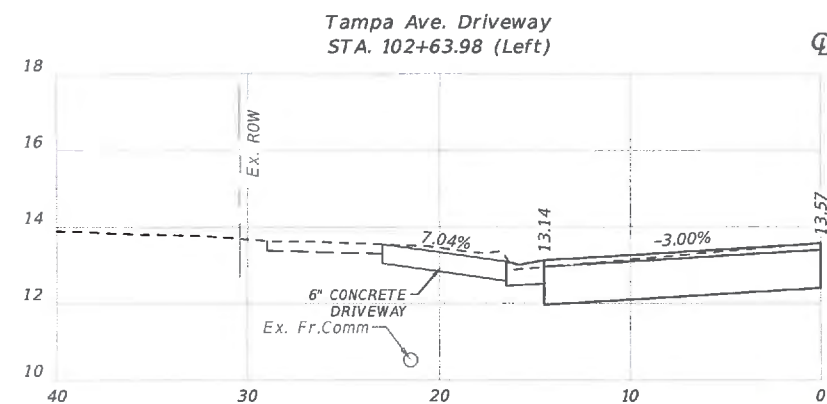
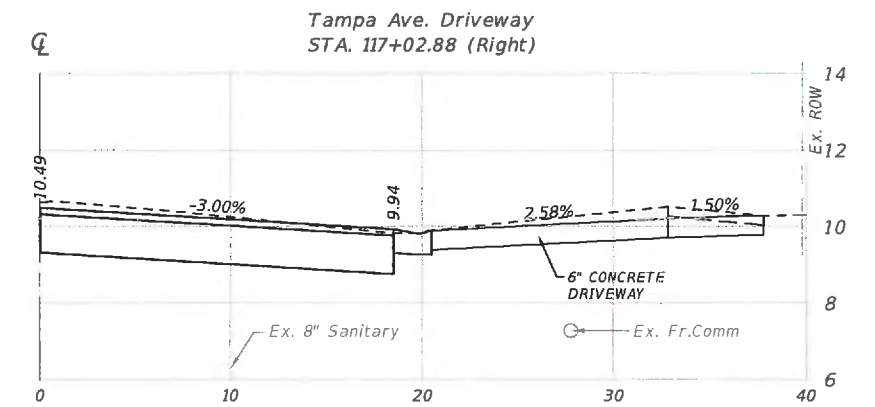
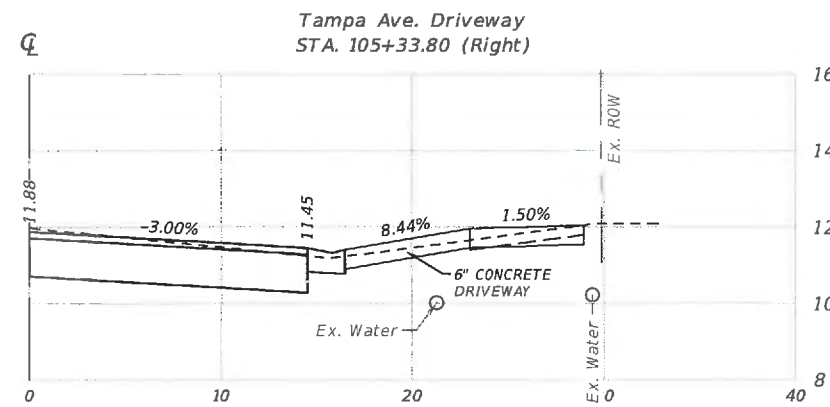
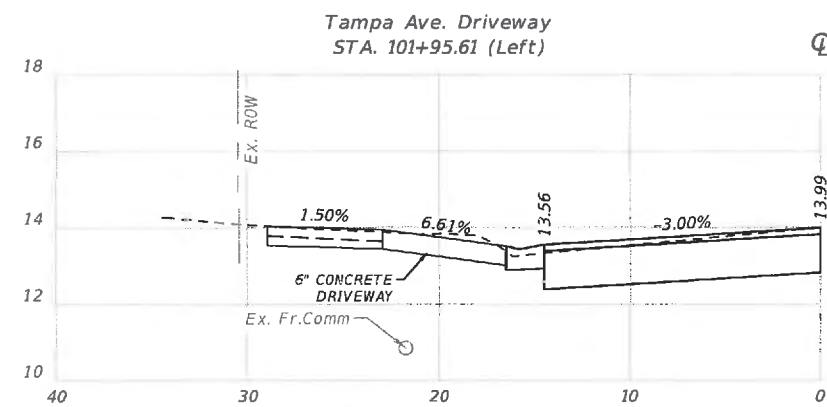
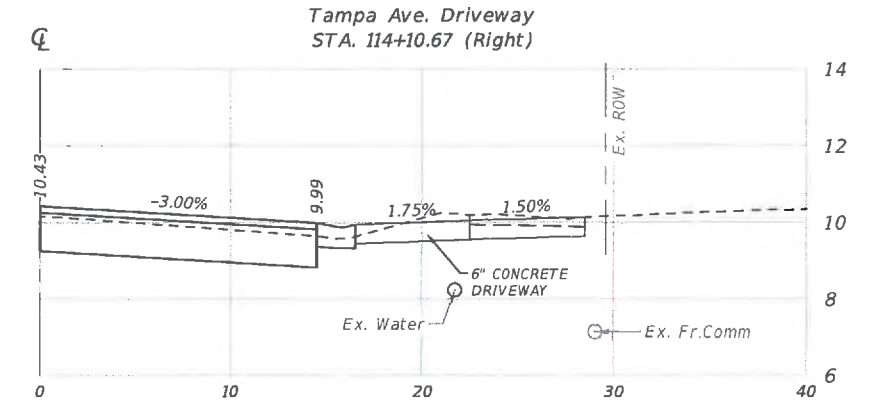
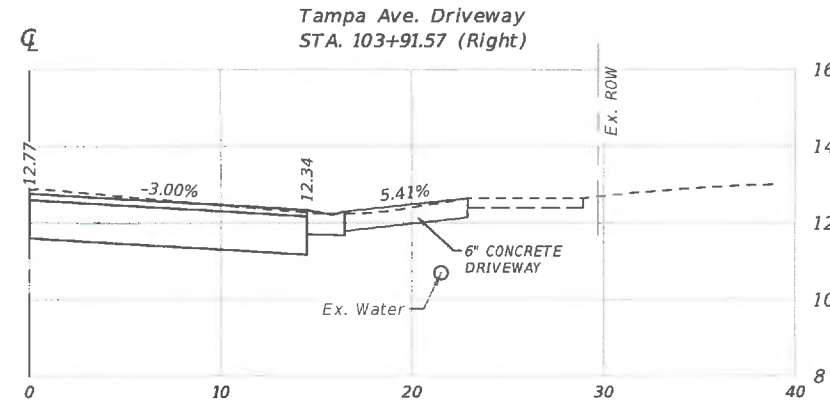
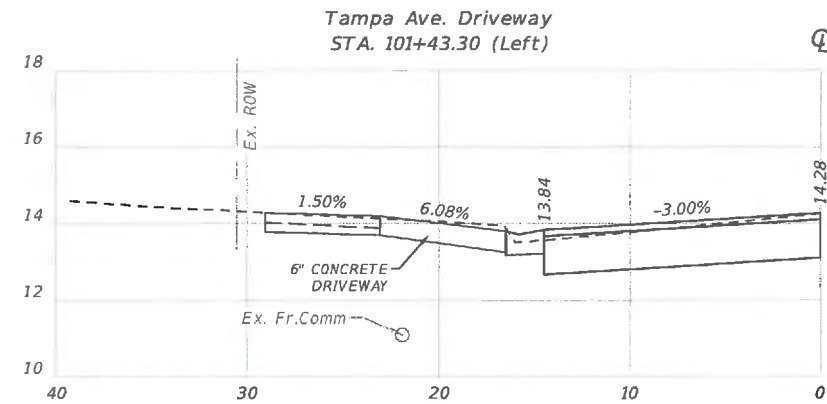
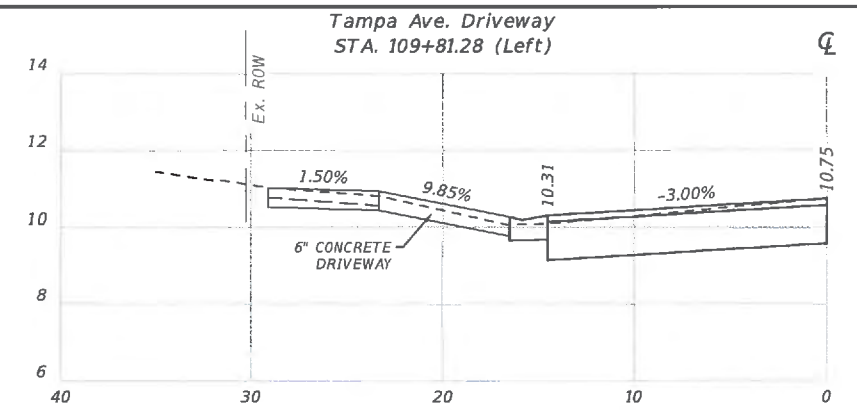
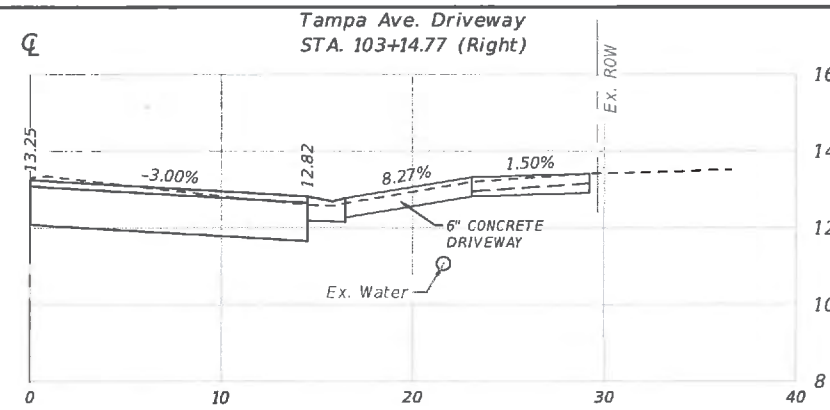
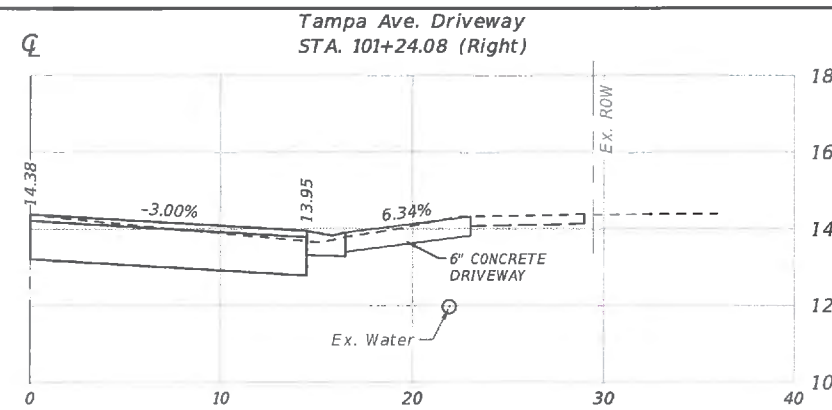
DATE: 2/28/2018
PROJECT NO.: 100054389
SHEET: 65



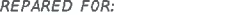
LOCATIONS AND DEPTHS ARE APPROXIMATE. THE SIZES SHOWN ARE NOT NECESSARILY REPRESENTATIVE OF ACTUAL CONDITIONS, CONFIGURATION AND LOCATIONS. REFER TO ADDITIONAL NOTES IN THE GENERAL NOTES SHEET IN THE PLANS.

				DESIGNED <u>MLM</u>		PREPARED FOR:		PREPARED BY:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	PROJECT:	WASSAU ST. CROSS SECTIONS	DESCRIPTION:	JOHN SALATINO, P.E. _____ DATE _____ P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	APPROVED BY:	DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 66			
				DRAWN <u>MA</u>														
				CHECKED <u>MLM</u>														
Page 955 of 1140																		
REV. NO.	DATE	DESCRIPTION																

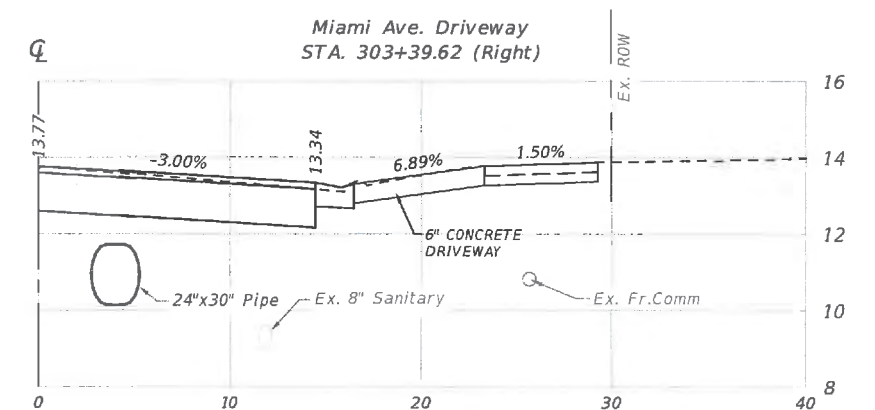
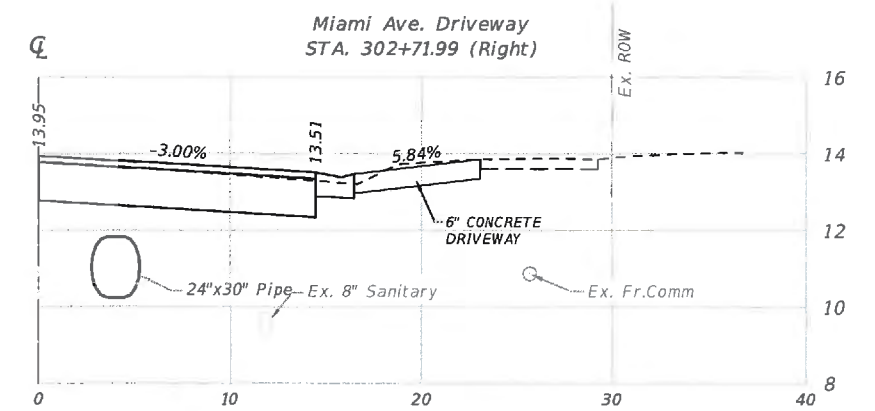
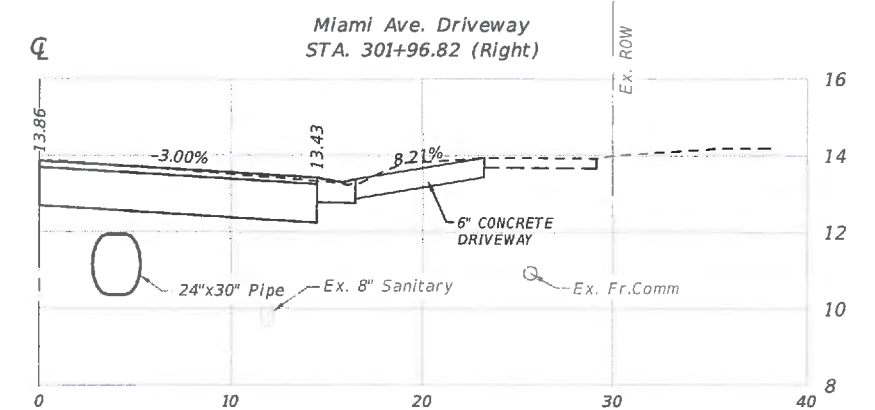
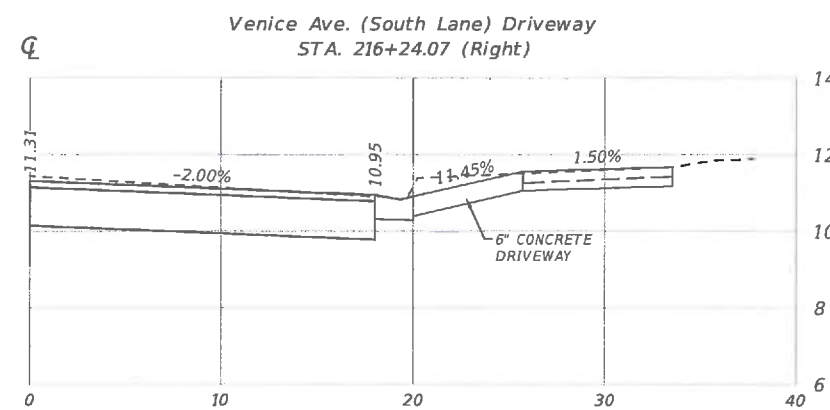
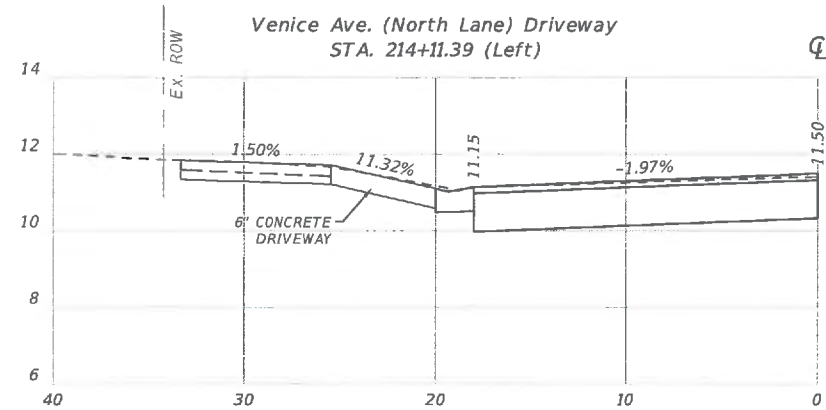
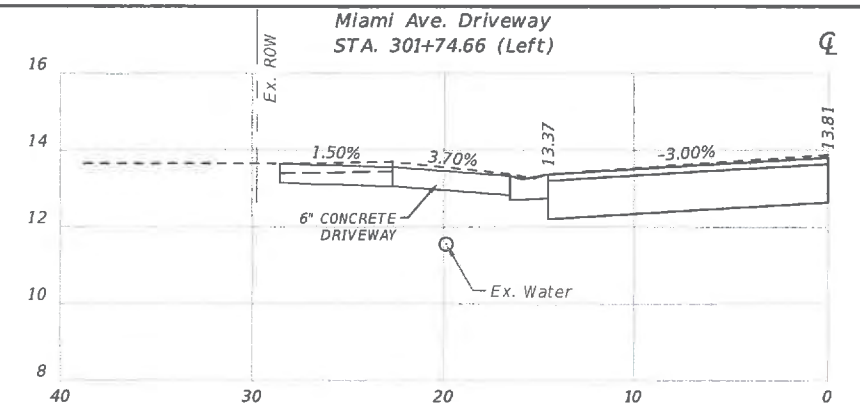
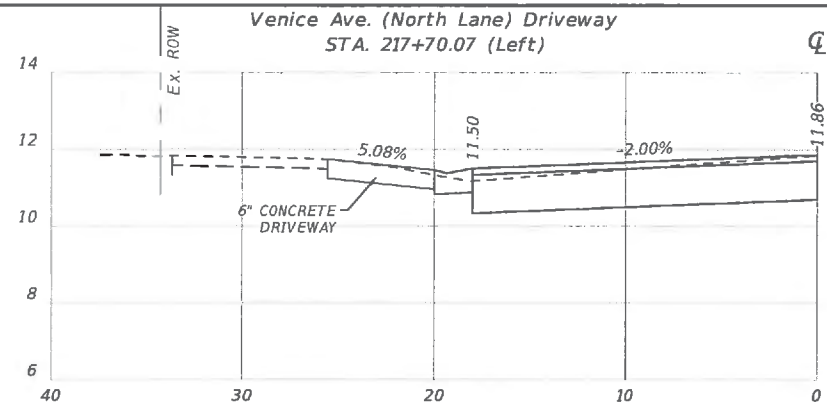
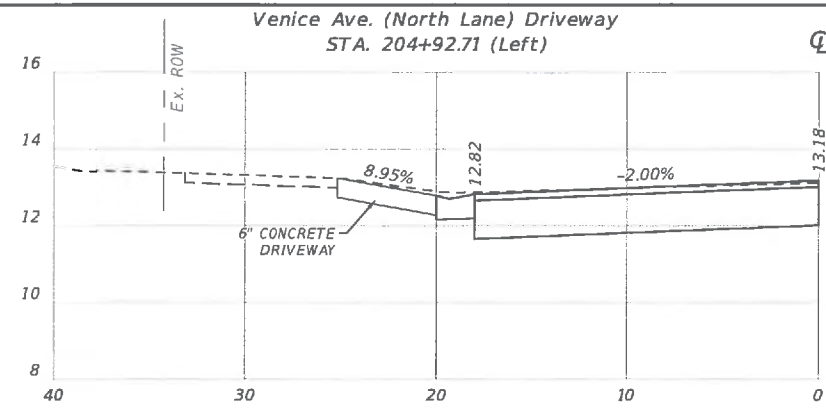
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HOR.: 0 5' 10'
VER.: 0 2.5' 5'
SCALE : FEET

			DESIGNED <u>MLM</u>			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: DRIVEWAYS CROSS SECTIONS	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018
Page 956 of 1140			DRAWN <u>MA</u>						PROJECT NO.: 100054389
REV. NO.	DATE	DESCRIPTION	CHECKED <u>MLM</u>						SHEET: 67

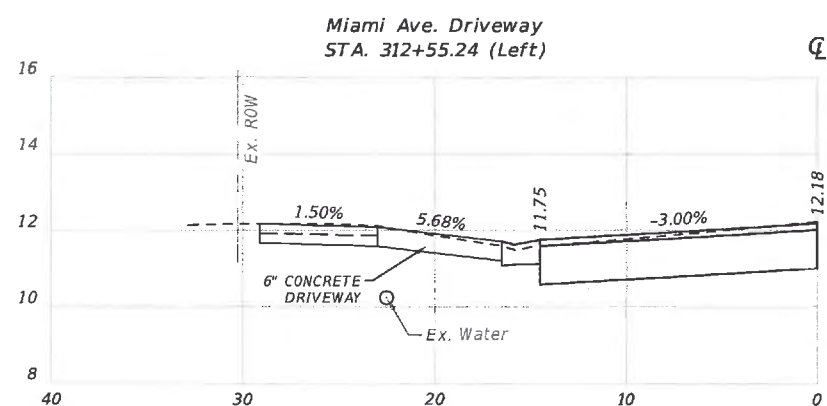
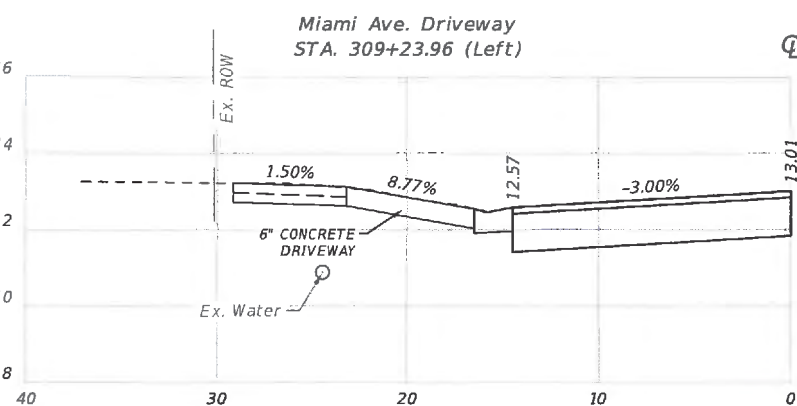
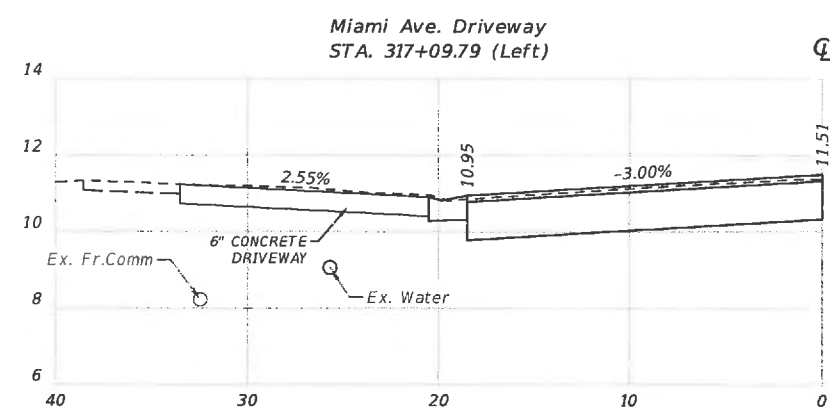
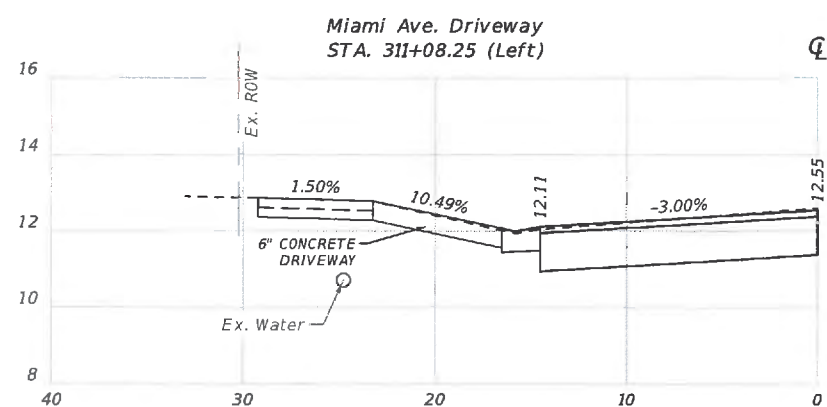
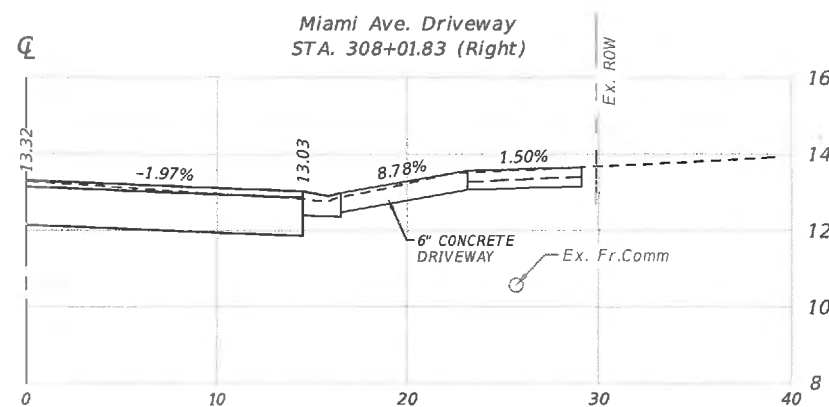
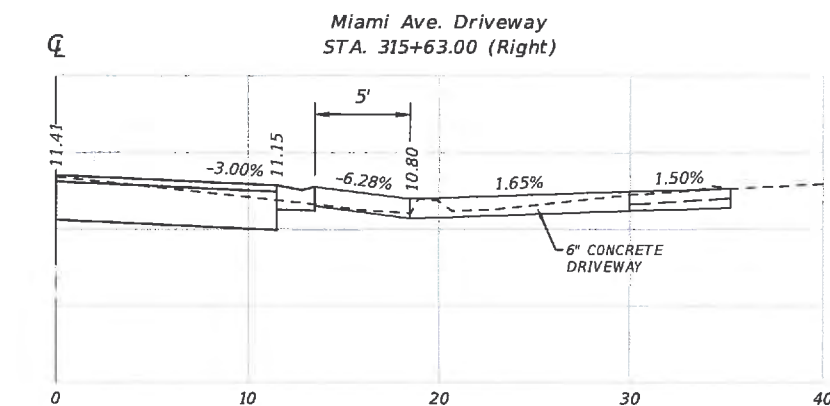
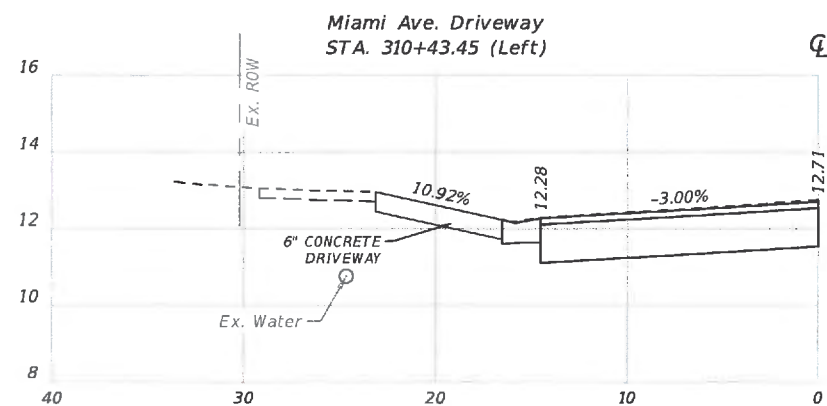
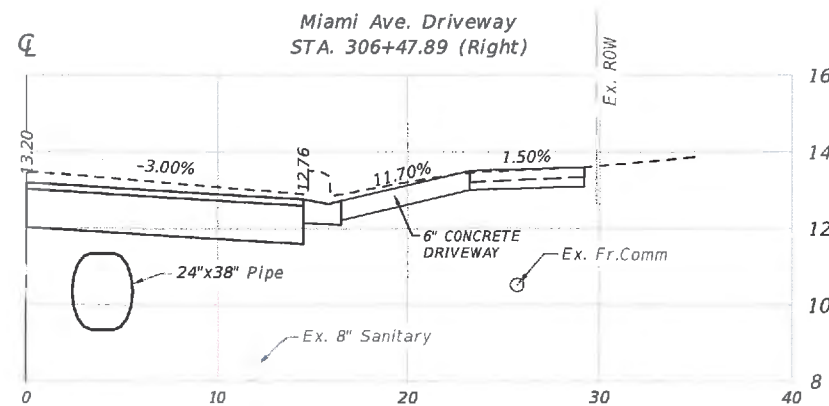
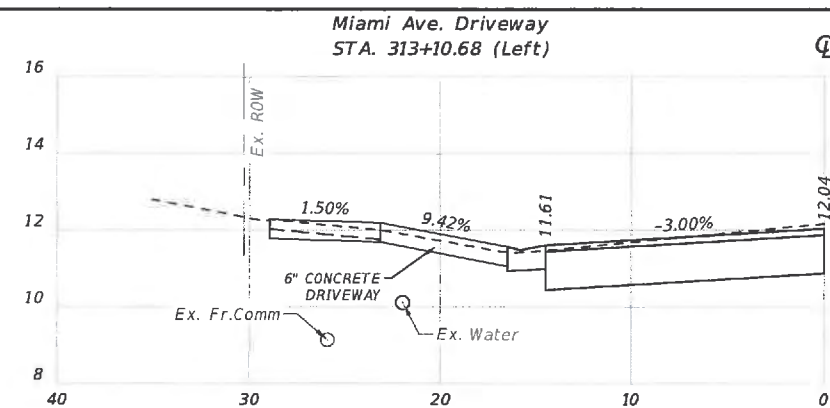
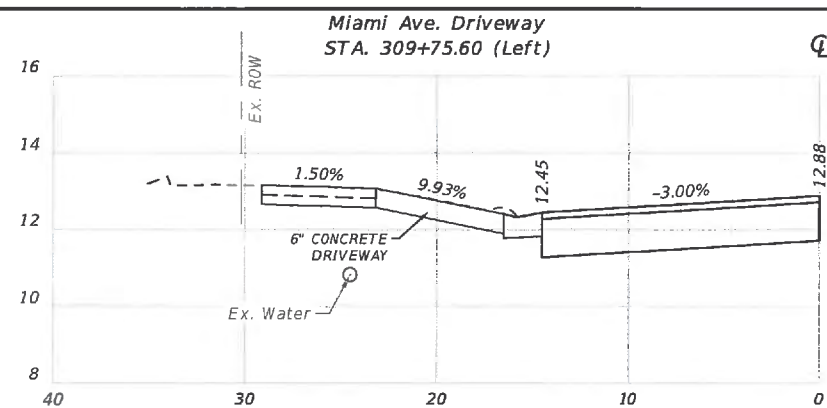
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HOR.: 0 5' 10'
VER.: 0 2.5' 5'
SCALE: FEET



DESIGNED MLM			PREPARED FOR:			PREPARED BY:			PROJECT:			DESCRIPTION:			APPROVED BY:			DATE:		
DRAWN MA			Venice, FL			ATKINS			CITY OF VENICE			DRIVEWAYS			JOHN SALATINO, P.E.			2/28/2018		
CHECKED MLM			City on the Gulf						DOWNTOWN ROADWAY			CROSS SECTIONS			P.E. LICENSE NUMBER 60921			PROJECT NO.:		
Page 957 of 1140									CORRIDOR IMPROVEMENTS						ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)			100054389		
REV. NO. DATE DESCRIPTION															4030 WEST BOY SCOUT BOULEVARD, SUITE 700			SHEET:		
															TAMPA, FL 33607-1712			68		



HOR.: 0 5' 10'
VER.: 0 2.5' 5'
SCALE : FEET

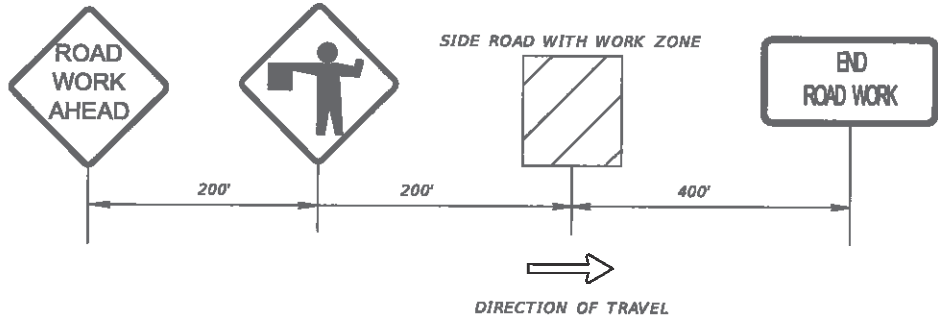


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TEMPORARY TRAFFIC CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN COMPLIANCE WITH THE FOLLOWING DOCUMENTS:
- a. FHWA 2009 EDITION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (AKA MUTCD)
2. THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN ACCESS TO EXISTING SIDEWALKS UTILIZING FDOT INDEX 660. SIDEWALK ACCESS IS TO BE MAINTAINED ALONG ONE SIDE (MINIMUM) OF EACH STREET THROUGHOUT CONSTRUCTION. PEDESTRIAN ACCESS TO BUSINESS ENTRANCES SHALL BE PROVIDED AND MAINTAINED DURING BUSINESS OPERATING HOURS (MON-FRI AND WEEKENDS) THROUGHOUT CONSTRUCTION. SEE PEDESTRIAN DETOUR DETAIL FOR IMPLEMENTATION OF INDEX 660.
3. USE FDOT DESIGN STANDARDS INDEX 600, 603, 613 AND THE MUTCD FOR TRAVEL LANE CONSTRUCTION AND USE FDOT DESIGN STANDARDS INDEX 604, 605, 606, 615, 616 AND THE MUTCD FOR INTERSECTION CONSTRUCTION.
4. EXISTING REGULATORY AND WARNING SIGNS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. THE EXISTING REGULATORY SPEEDS ALONG THE CITY STREETS SHALL BE MAINTAINED FOR THE WORK ZONE SPEEDS.
6. THE MINIMUM LANE WIDTH FOR TEMPORARY LANES DURING CONSTRUCTION IS 10 FEET UNLESS OTHERWISE SHOWN ON THE PLANS.
7. THE CONTRACTOR SHALL PROVIDE TWO-WAY ACCESS (INGRESS/EGRESS) TO ALL EXISTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. STAGE CONSTRUCTION MAY BE REQUIRED.
8. MAINTAIN ALL DRIVEWAY AND PARKING LOT ACCESS AT ALL TIMES. IF A DRIVEWAY CLOSURE AT NIGHT CANNOT BE ACCOMPLISHED WITH OWNER APPROVAL, AN ALTERNATIVE ACCESS MUST BE PROVIDED AND MAINTAINED AT ALL TIMES. SIDE ROAD ACCESS SHALL BE COORDINATED WITH SIDE ROAD CONSTRUCTION.
9. THE CONTRACTOR SHALL RESTORE SAFE ROADSIDE CONDITIONS AT THE END OF EACH WORK PERIOD IN ACCORDANCE WITH FDOT INDEX 600 (ALL DROPOFF CONDITIONS SHALL BE ADDRESSED).
10. CONTRACTOR SHALL ONLY UTILIZE PROPOSED TEMPORARY WATER-FILLED BARRIER WALL THAT ARE LISTED ON THE CURRENT FDOT APPROVED PRODUCTS LIST (APL). THIS LIST CAN BE FOUND AT <https://fdotwp1.dot.state.fl.us/ApprovedProductList/ProductTypes/Index/100> CONTRACTOR SHALL COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS SHOWN ON THE FDOT APPROVED DRAWINGS.
11. ANY CONFLICTING EXISTING PAVEMENT MARKINGS AND SIGNS OUTSIDE THE CONSTRUCTION AREA SHALL BE REMOVED OR COVERED. THE COST FOR REMOVING, COVERING, RESTORING OR REPLACING THESE MARKINGS AND SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1 MAINTENANCE OF TRAFFIC (LS).
12. ALL TRAFFIC CONTROL DEVICES NECESSARY FOR ANY ACTIVITY SHALL BE PLACED BEFORE REDIRECTING TRAFFIC.
13. NIGHT-TIME WORK IS ANTICIPATED ON THE PROJECT TO MINIMIZE DISRUPTIONS TO EXISTING BUSINESSES AND TRAFFIC. CONTRACTOR SHALL PREPARE A PROPER LIGHTING PLAN FOR FLAGMEN OPERATIONS DURING NIGHT-TIME HOURS AND OBTAIN CITY APPROVAL PRIOR TO IMPLEMENTATION.
14. THE SEQUENCE OF CONSTRUCTION AND METHODS IN THIS TRAFFIC CONTROL PLAN (TCP) IS A SUGGESTED MAINTENANCE OF TRAFFIC SCHEME. THE CONTRACTOR MAY SUBMIT, AT HIS EXPENSE, AN ALTERNATIVE TRAFFIC CONTROL PLAN FOR CONSIDERATION OF APPROVAL. AN ALTERNATIVE TCP MUST BE SUBMITTED PRIOR TO CONSTRUCTION AND BE SIGNED/SEALED FOR A FLORIDA REGISTERED PROFESSIONAL ENGINEER WHO HAS A CURRENT CERTIFICATION WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION AND HAS PASSED THE ADVANCED MAINTENANCE-OF-TRAFFIC PLAN DESIGN COURSE. ALTERNATIVE TCP MUST BE EQUIVALENT IN PROVIDING SAFE TRAVEL BY ALL MODES OF TRAVEL AND MUST COMPLY WITH DOCUMENTS IN NOTE 1.
15. CLOSE THE NB AND SB TRAVEL LANES ON NASSAU ST. N AND NOKOMIS AVE. S. FOR THROUGH TRAFFIC WHILE MAINTAINING THE ROADWAYS AS DRIVEWAY, PARKING LOT AND ALLEY WAY ACCESS WITH TYPE III BARRICADES. SIGNS WITH THE WORDING "ROAD CLOSED TO THRU TRAFFIC" SHALL BE PLACED ON THE BARRICADES PER FDOT DESIGN STANDARDS 600 SERIES AND THE MUTCD.
16. ADDITIONAL LANE CLOSURES NOT SHOWN IN THE TTC PLANS SHALL ONLY OCCUR DURING THE HOURS OF 8:30 P.M. TO 6:00 A.M.
17. BULBOUT CONSTRUCTION TO BE CONSTRUCTED AFTER ALL DRAINAGE STRUCTURES HAVE BEEN COMPLETED USING FDOT DESIGN STANDARD INDEX 603 OR INDEX 613.

MINIMUM ADVANCED SIDE STREET SIGNAGE TO BE USED ON US41 OR HARBOR DRIVE. PCMS SIGNS TO SUPPLEMENT ADVANCE SIGNAGE (POSTED SPEED ON US41 IS 35 MPH AND HARBOR DRIVE IS 30 MPH)



NOTE: FLAGGER SIGN TO BE COVERED ON US 41 OR HARBOR DRIVE WHEN WORK ZONE IS NOT ACTIVE.

PHASE PCMS SIGN MESSAGES TO BE PLACED 14 CALENDAR DAYS IN ADVANCE OF DETOURS PER INDEX 600 AND TTC PLANS

- | | | | | |
|---|---|--|---|---|
| ① NASSAU ST
CLOSED

FOLLOW
DETOUR | ② NOKOMIS ST
CLOSED

FOLLOW
DETOUR | ③ TAMPA AVE
CLOSED

FOLLOW
DETOUR | ④ MIAMI AVE
CLOSED

FOLLOW
DETOUR | ⑤ CONST. TAMPA AVE

WB (EB) LANE
CLOSURES
AHEAD |
| ⑥ CONST. VENICE AVE

WB (EB) LANE
CLOSURES
AHEAD | ⑦ CONST. MIAMI AVE

WB (EB) LANE
CLOSURES
AHEAD | ⑧ NOKOMIS AVE
CLOSED AT
MIAMI AVE

USE MIAMI
DETOUR | ⑨ NASSAU AVE
CLOSED AT
MIAMI AVE

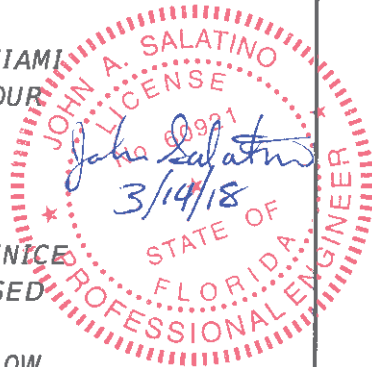
USE MIAMI
DETOUR | |
| ⑩ NOKOMIS AVE
CLOSED AT TAMPA AVE

HARBOR DR
SOUTH TO
VENICE | ⑪ NASSAU ST
CLOSED AT TAMPA AVE

HARBOR DR
SOUTH TO
VENICE | ⑫ WB VENICE
CLOSED

FOLLOW
DETOUR | ⑬ EB VENICE
CLOSED

FOLLOW
DETOUR | |



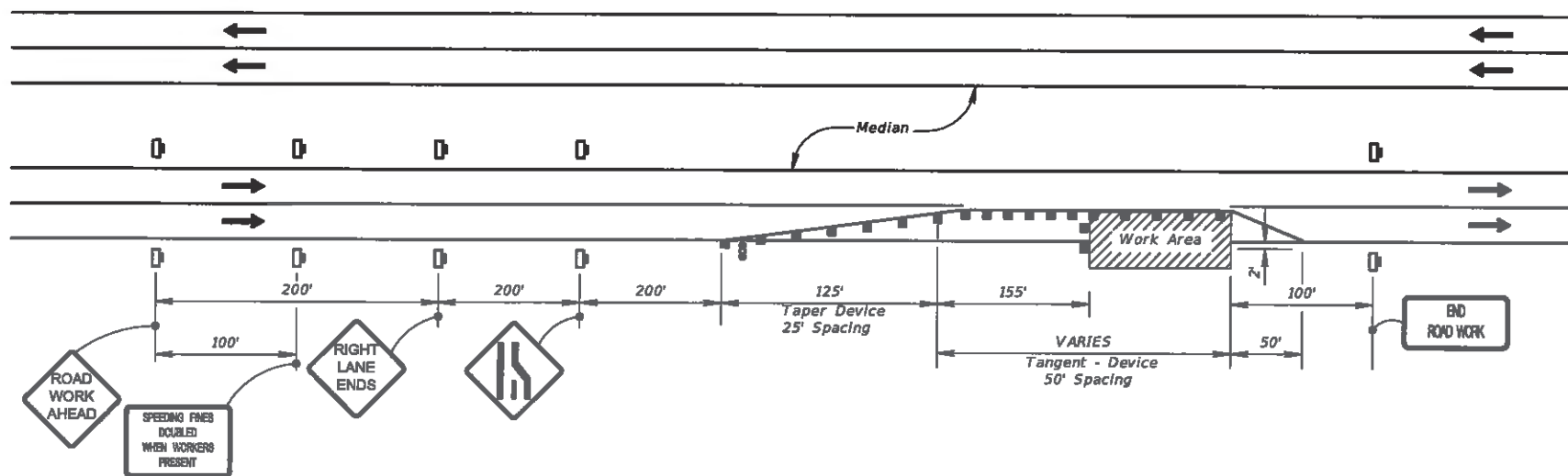
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DRAWN MA												PROJECT NO.: 100054389	
CHECKED MLM												SHEET: 71	

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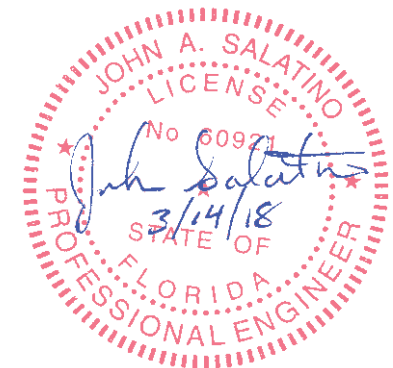
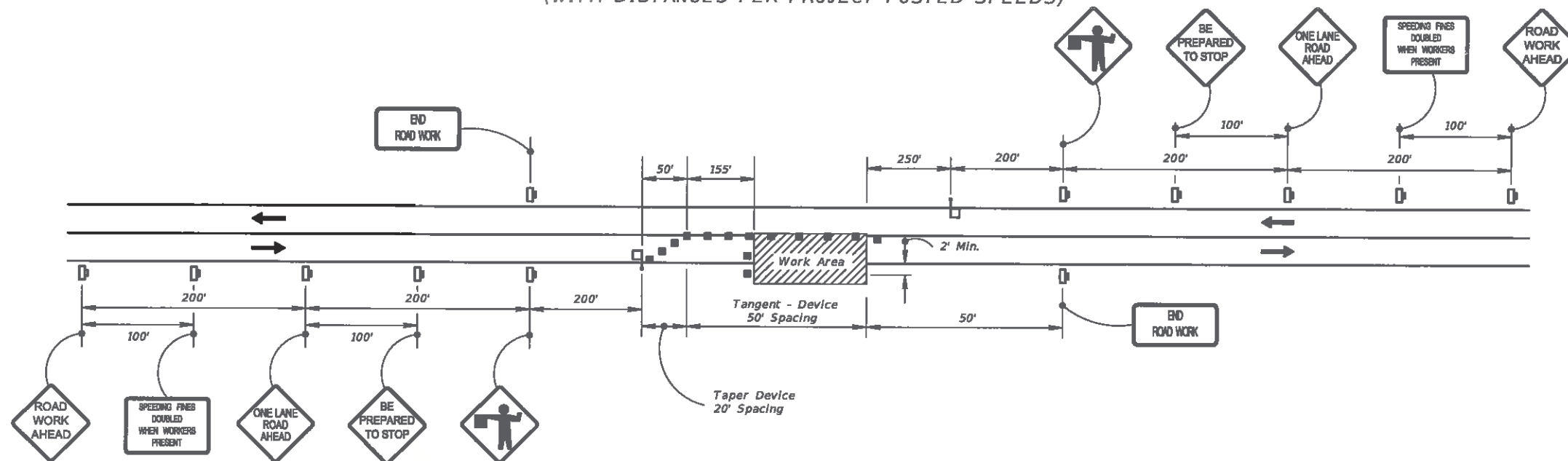
NOTE:

1. DISTANCES ON THE SCHEMATICS SHOWN BELOW ARE MINIMUMS, AND CONDITIONAL NOTES FOR THE INDEX STILL APPLY TO THE ADVANCED SIGNAGE.
2. EXISTING POSTED SPEEDS FOR VENICE AVENUE IS 20 MPH AND ALL OTHER STREETS EXCEPT US 41 ARE 25 MPH. US 41 IS POSTED 35 MPH.

ADVANCED WARNING SCHEMATIC FOR FDOT DESIGN STANDARDS INDEX 613
VENICE AVE. ONLY
(WITH DISTANCES PER PROJECT POSTED SPEEDS)



ADVANCED WARNING SCHEMATIC FOR FDOT DESIGN STANDARDS INDEX 603
ALL OTHER STREETS
(WITH DISTANCES PER PROJECT POSTED SPEEDS)



DESIGNED MLM		PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TTCP General Notes		APPROVED BY: JOHN SALATIELLO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE: 3/13/2018	
DRAWN MA		CHECKED MLM										PROJECT NO.: 100054389	
REV. NO.		DATE		DESCRIPTION								SHEET: 72	

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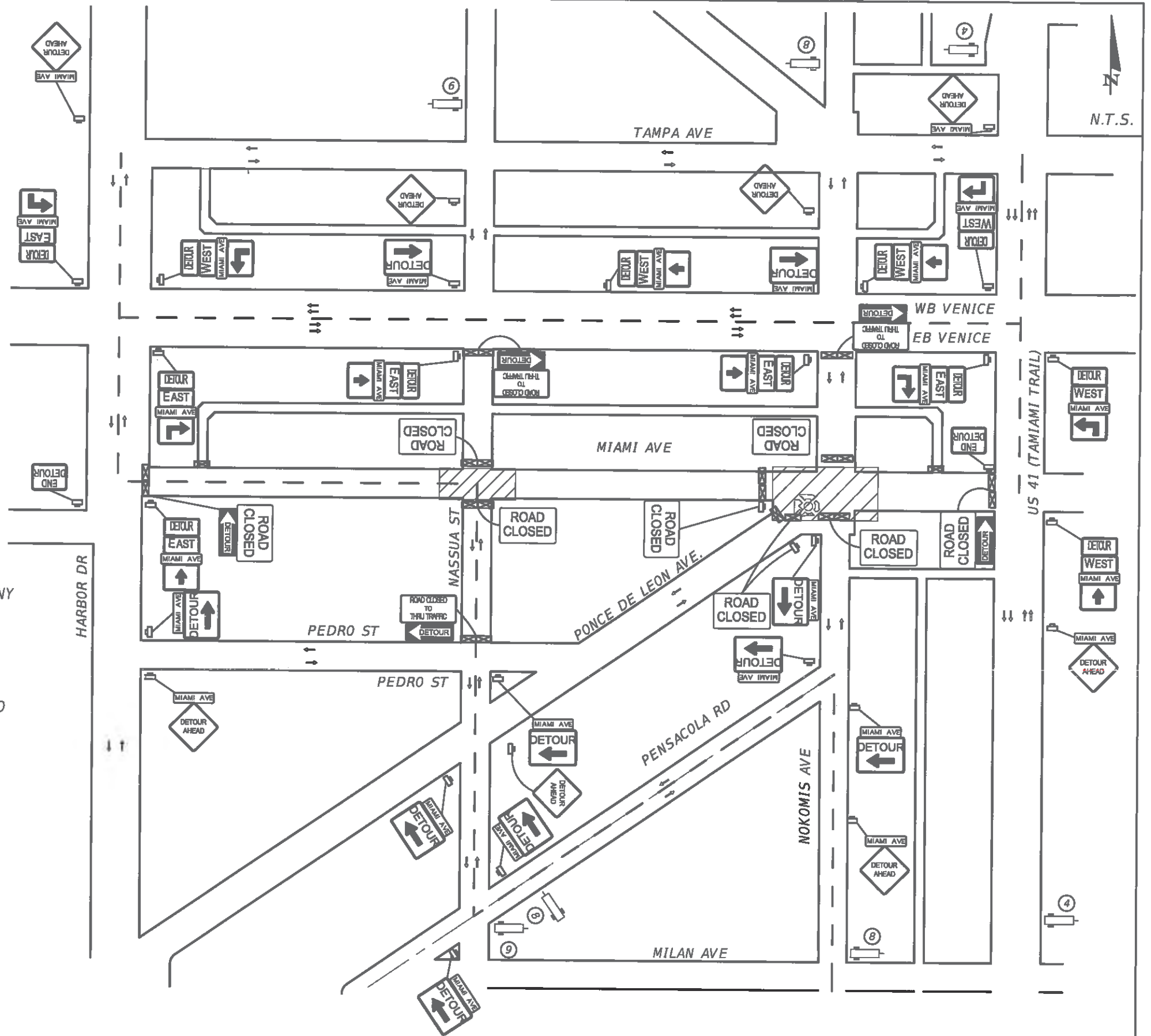
LEGEND

- Work Zone Sign
- Type III Barricade
- Existing Lane Identification and Direction of Traffic
- Shifted Lane Identification and Direction of Traffic
- Active Work Zone
- Detour Route
- Portable Changeable Messaging Sign

NOTES:

1. DETOUR FOR NASSAU ST AND MIAMI AVE OR NOKOMIS AVE AND MIAMI AVE INTERSECTION DRAINAGE STRUCTURE INSTALLATION OR ANY OTHER ACTIVITY ALONG MIAMI AVE. DETOURS SHALL BE LIMITED TO BETWEEN SUNDAY 9 P.M. THROUGH WEDNESDAY 6 A.M. PER INTERSECTION, ANY OTHER USE OF THE DETOUR SHALL BE AT THE DISCRETION OF THE ENGINEER.

2. DETOURS FOR AN INDIVIDUAL INTERSECTION CAN BE ACCOMPLISHED BY MOVING SIGNS SHOWN ON HARBOR TO NASSUA ST FOR NOKOMIS AVE AND MIAMI AVE OR MOVING THE SIGNS ON US41 TO NOKOMIS AVE FOR WORK AT NASSAU ST AND MIAMI AVE.

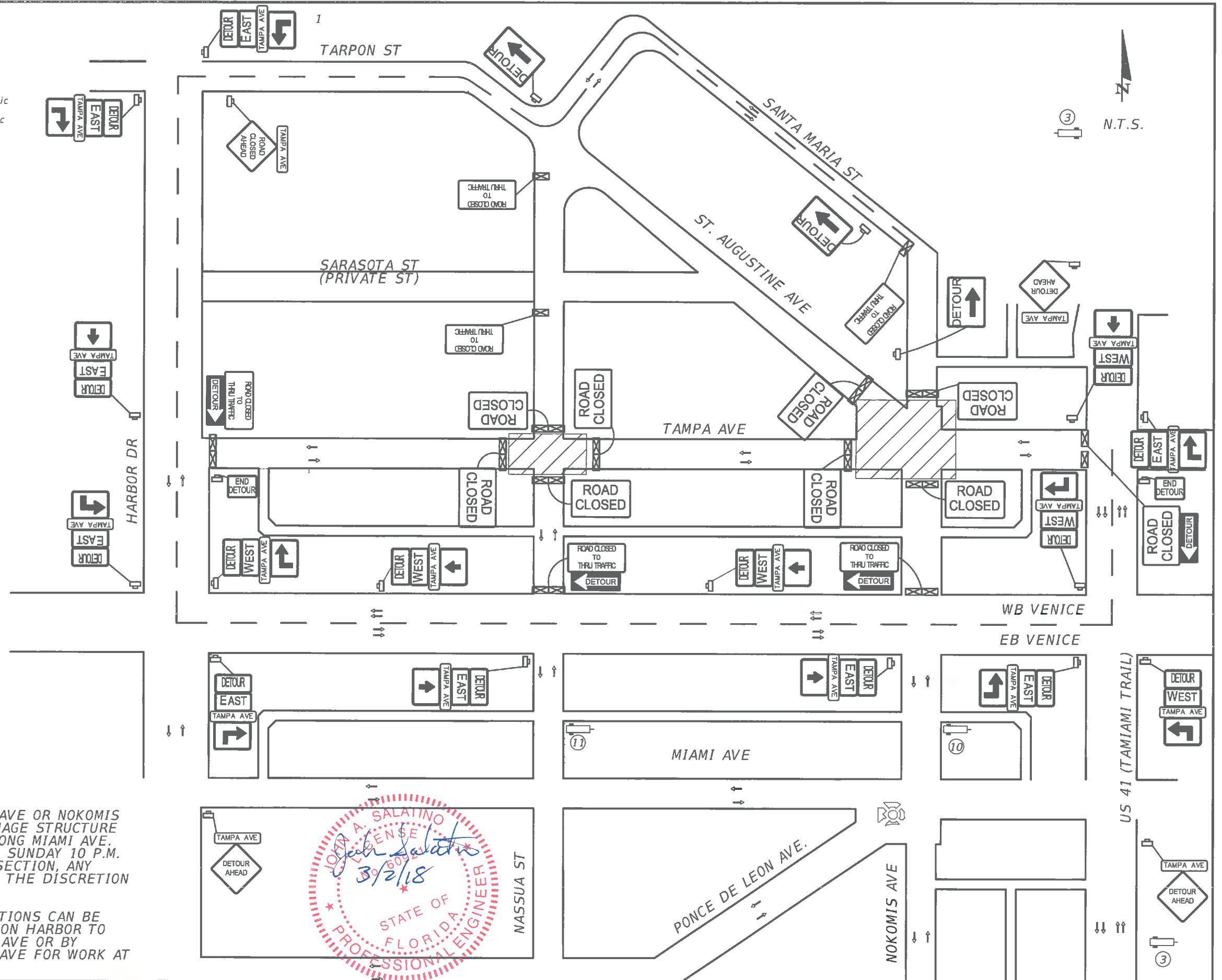


				DESIGNED <u>MLM</u>		PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TTCP MIAMI AVE Detour Routes	APPROVED BY: <u>JOHN SALATINO, P.E.</u> P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 3/15/2018
				DRAWN <u>MA</u>						PROJECT NO.: 100054389
REV. NO. DATE DESCRIPTION				CHECKED <u>MLM</u>						SHEET: 73

Page 962 of 1140

LEGEND

-  *Work Zone Sign*
-  *Type III Barricade*
-  *Existing Lane Identification and Direction of Traffic*
-  *Shifted Lane Identification and Direction of Traffic*
-  *Active Work Zone*
-  *Detour Route*
-  *Portable Changeable Messaging Sign*



NOTES:

1. DETOUR FOR NASSAU ST AND MIAMI AVE OR NOKOMIS AVE AND MIAMI AVE INTERSECTION DRAINAGE STRUCTURE INSTALLATION OR ANY OTHER ACTIVITY ALONG MIAMI AVE. DETOURS SHALL BE LIMITED TO BETWEEN SUNDAY 10 P.M. THROUGH WEDNESDAY 6 A.M. PER INTERSECTION, ANY OTHER USE OF THE DETOUR SHALL BE AT THE DISCRETION OF THE ENGINEER.

2. DETOURS FOR INDIVIDUAL INTERSECTIONS CAN BE ACCOMPLISHED BY MOVING SIGNS SHOWN ON HARBOR TO NASSUA ST FOR NOKOMIS AVE AND MIAMI AVE OR BY MOVING THE SIGNS ON US41 TO NOKOMIS AVE FOR WORK AT NASSAU ST AND MIAMI AVE.

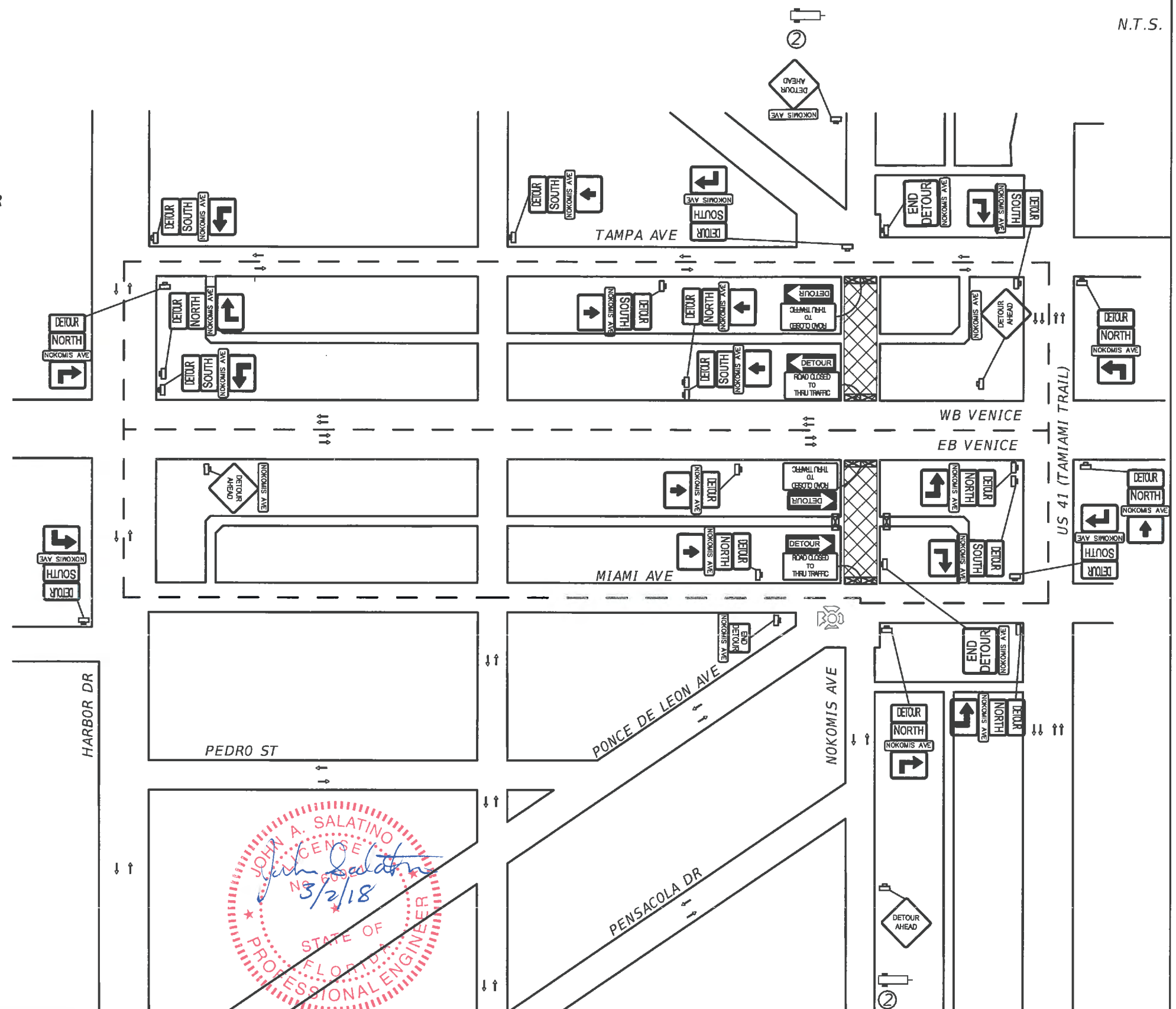
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LEGEND

-  *Work Zone Sign*
-  *Type III Barricade*
-  *Existing Lane Identification and Direction of Traffic*
-  *Shifted Lane Identification and Direction of Traffic*
-  *Active Work Zone*
-  *Detour Route*
-  *Portable Changeable Messaging Sign*

NOTES:

1. ONLY ONE ROAD MAY BE DETOURED AT A TIME TO PREVENT CONFLICTING SIGNAGE UNLESS APPROVED BY THE ENGINEER
2. CONSTRUCT TIES INTO EXISTING DRAINAGE ON NOKOMIS USING THESE DETOURS.



T:\City Of Venice\Downtown Roadway\CAD\10 Post Design\20 TTCP Nokomis Detour Plans.dwg, Feb 28, 2018 - 2:28pm

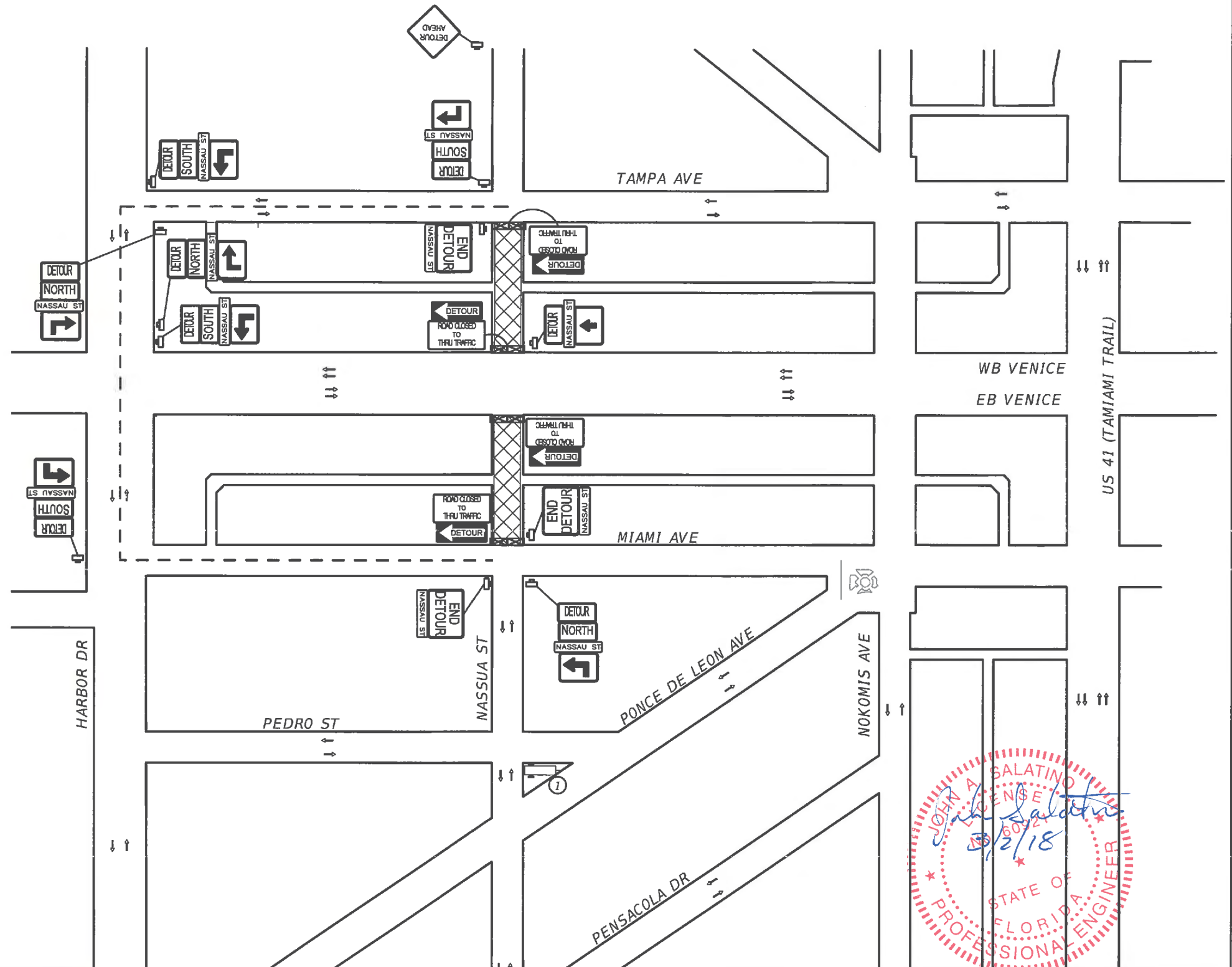
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				DRAWN <u>MA</u>								JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		PROJECT NO.:	100054389
Page 964 of 1140				CHECKED <u>MLM</u>										SHEET:	75
REV. NO.	DATE	DESCRIPTION													

LEGEND

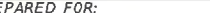
-  *Work Zone Sign*
 *Type III Barricade*
 *Existing Lane Identification and Direction of Traffic*
 *Shifted Lane Identification and Direction of Traffic*
 *Active Work Zone*
 *Detour Route*
 *Portable Changeable Messaging Sign*

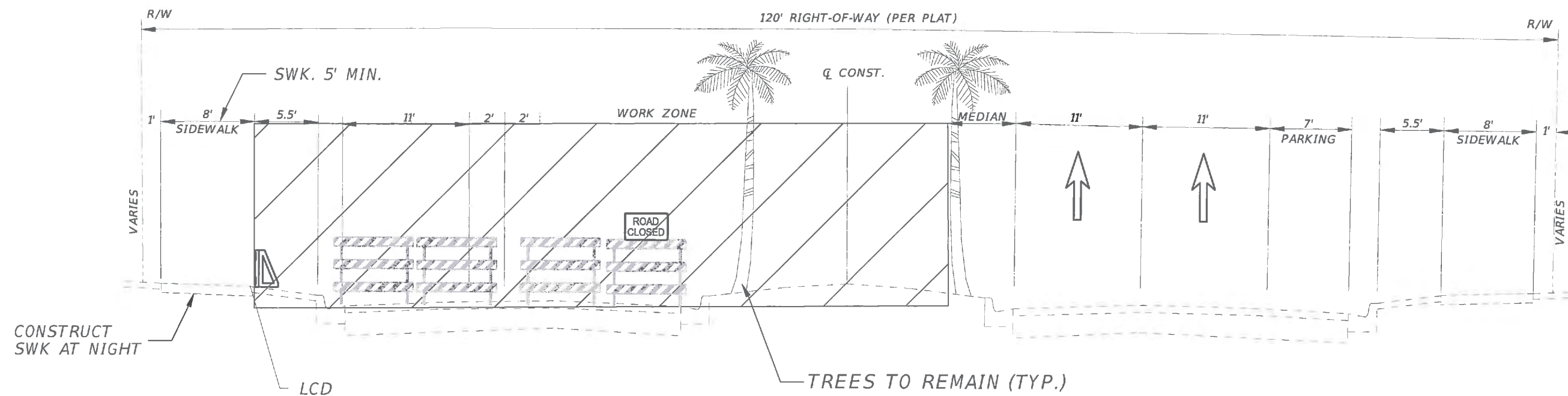
NOTES:

1. ONLY ONE ROAD MAY BE DETOURED AT A TIME TO PREVENT CONFLICTING SIGNAGE UNLESS APPROVED BY THE ENGINEER
2. CONSTRUCT TIES INTO EXISTING DRAINAGE ON NASSAU USING THESE DETOURS



T:\City Of Venice\Downtown Roadway\CAD\10 Post Design\21 TTCP NASSAU Detour Plans.dwg, Feb 28, 2018 - 2:30pm

			DESIGNED <u>MLM</u>			ATKINS	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TTCP Nassau St Detour Routes	APPROVED BY: _____ DATE _____ JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 76
Page 965 of 1140			DRAWN <u>MA</u>							
REV. NO.	DATE	DESCRIPTION	CHECKED <u>MLM</u>							

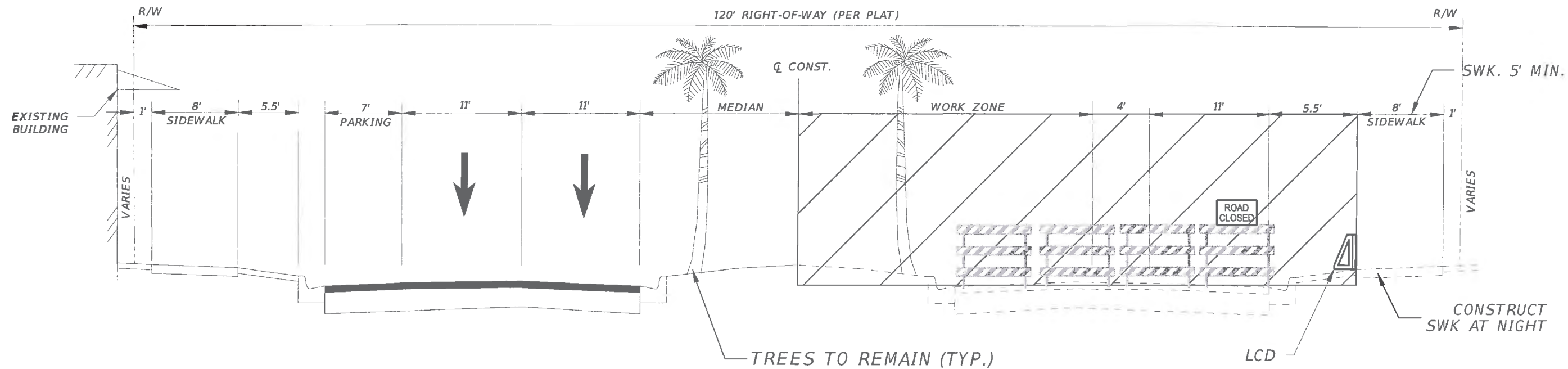


PHASE NOTES:

1. CLOSE WB LANES USING FDOT DESIGN STANDARDS INDEX 600 AND THE TRAFFIC CONTROL PLANS. CONSTRUCT THE WB LANES AND LEFT SIDE OF MEDIAN, INCLUDING STORM DRAIN MAINLINE.
2. MAINTAIN PEDESTRIAN TRAFFIC USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER

 EXISTING LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 SHIFTED LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 ACTIVE WORK ZONE

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PHASE 1B
TYPICAL SECTION
W. VENICE AVENUE - HARBOR DRIVE TO N. TAMIAMI TRAIL (US 41)

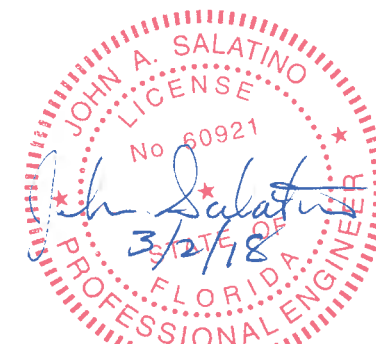
PHASE NOTES:

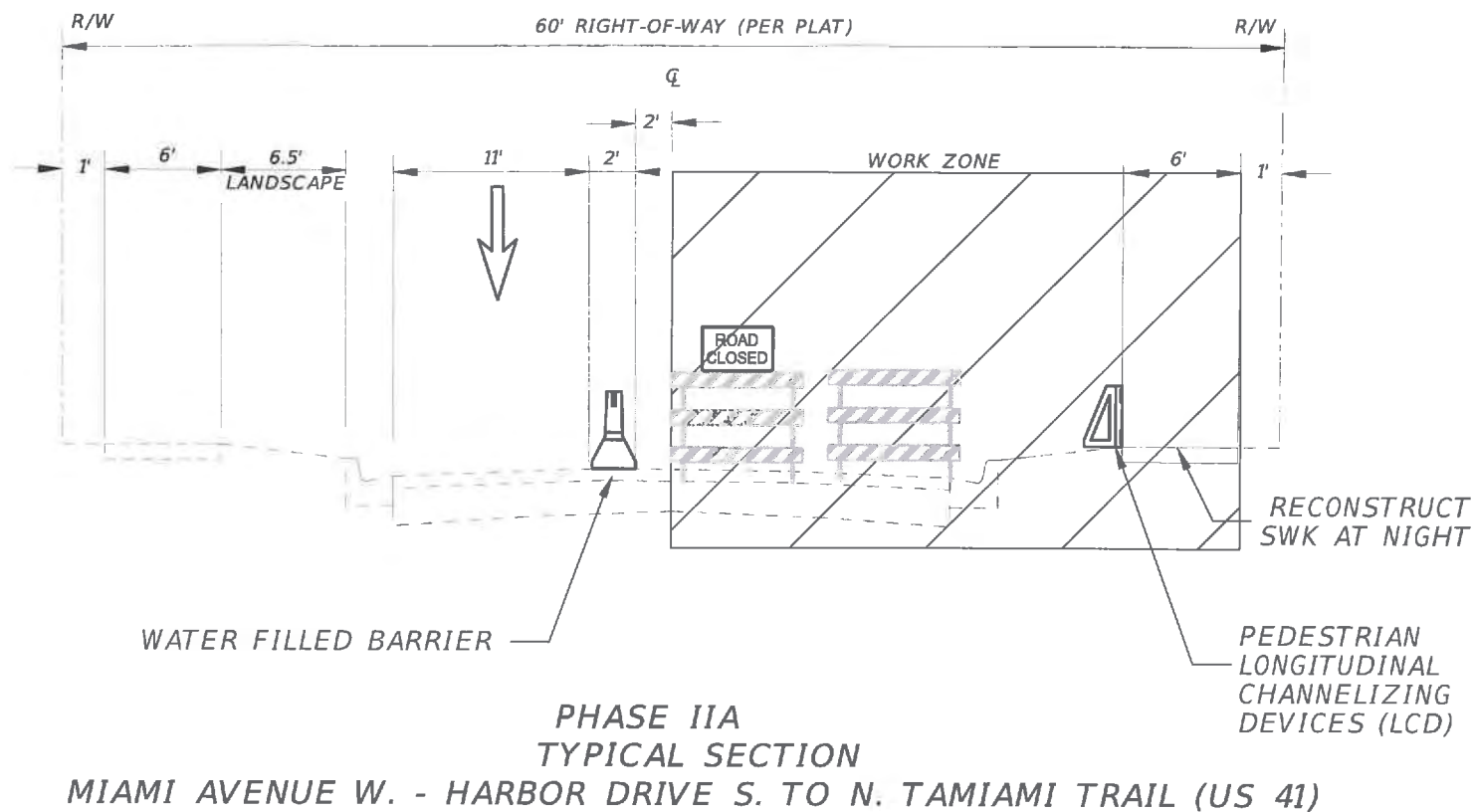
PHASE IB

1. CLOSE EB LANES USING FDOT DESIGN STANDARDS INDEX 600. CONSTRUCT INSIDE EB LANES, CURB AND GUTTER AND DRAINAGE.
2. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER

LEGEND

-  EXISTING LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 SHIFTED LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 ACTIVE WORK ZONE

[illegible]



PHASE NOTES:

PHASE IIA

1. CLOSE EB LANE USING FDOT DESIGN STANDARDS INDEX 603 AND THE TEMPORARY TRAFFIC CONTROL PLANS (SEE TTC PLANS PHASE 1A). PLACE ADVANCED WARNING SIGNAGE AND CHANNELIZING DEVICES. CONSTRUCT DRAINAGE, ON STREET PARKING, CURB AND GUTTER, AND EB TRAVEL LANE.
2. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER.
3. COMPLETE ROAD CLOSURES IN BOTH DIRECTION WILL BE ALLOW AT THE DISCRETION OF THE ENGINEER AFTER 10:00 PM.

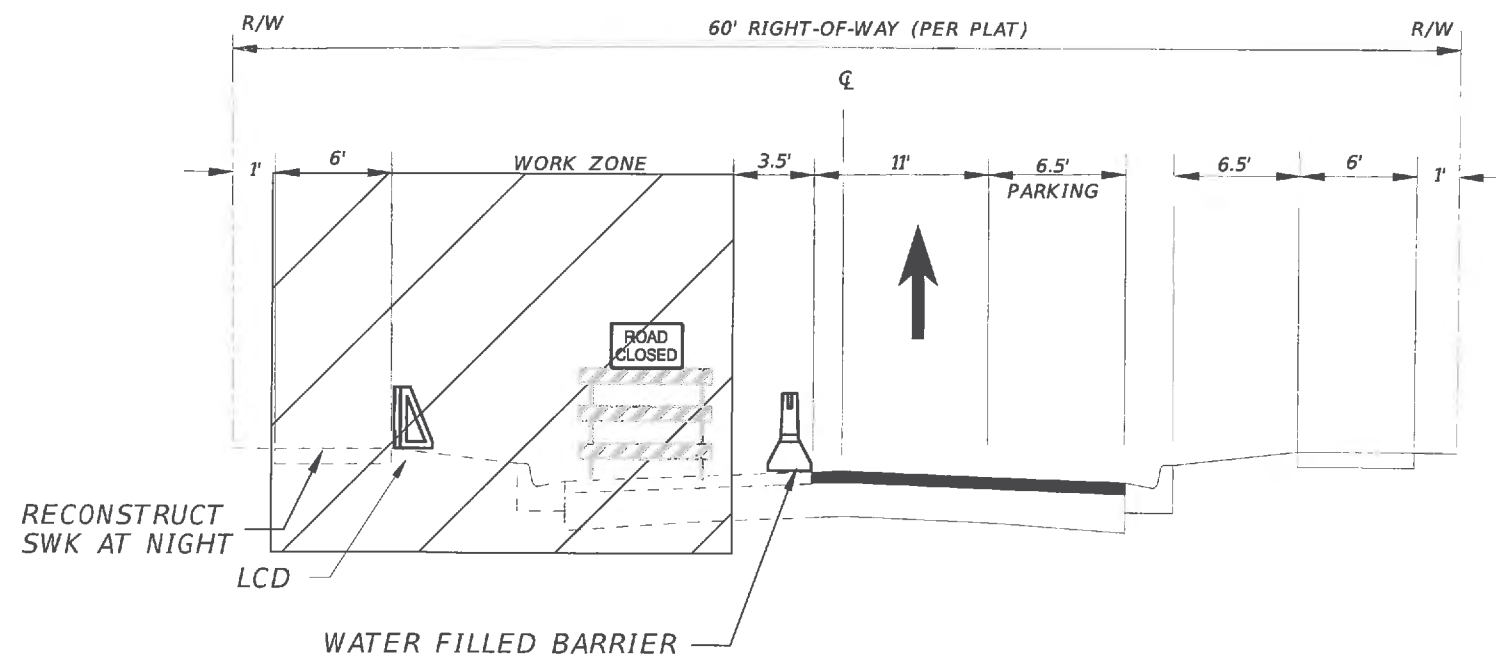


LEGEND

-  EXISTING LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 SHIFTED LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 ACTIVE WORK ZONE

				DESIGNED MLM	PREPARED FOR:	ATKINS	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	TTCP Typical Sections	APPROVED BY:	DATE:
				DRAWN MA						JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	2/28/2018
				CHECKED MLM							PROJECT NO.: 100054389
Page 969 of 1140											SHEET: 80
REV.	No.	DATE	DESCRIPTION								

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PHASE IIB
TYPICAL SECTION
MIAMI AVENUE W. - HARBOR DRIVE S. TO N. TAMiami TRAIL (US 41)

PHASE NOTES:

PHASE IIB

1. SHIFT TRAFFIC ONTO THE NEWLY CONSTRUCTED EB TRAVEL LANE.
2. CLOSE WB LANE USING FDOT DESIGN STANDARDS INDEX 603 AND THE TEMPORARY TRAFFIC CONTROL PLANS TO PLACE ADVANCED WARNING SIGNAGE AND CHANNELIZING DEVICES. CONSTRUCT DRAINAGE, CURB AND GUTTER FOR WB TRAVEL LANE.
3. CLOSE PARKING AT NIGHT, PLACE CHANNELIZING DEVICES AND SHIFT TRAFFIC 2' INTO PARKING SPACES USING TAPER RATES OF $L=WS^2/60$ TO CONSTRUCT UP TO THE ADJOINING .
4. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER
5. COMPLETE ROAD CLOSURES IN BOTH DIRECTION WILL BE ALLOW AT THE DISCRETION OF THE ENGINEER AFTER 10:00 PM.
6. RESTORE TRAFFIC EACH MORNING AS SHOWN ABOVE.
7. USE FDOT DESIGN STANDARDS INDEX 603 TO PLACE FINAL PAVEMENT COURSE AND FINAL STRIPING.
8. PLACE TRAFFIC IN FINAL CONFIGURATION.

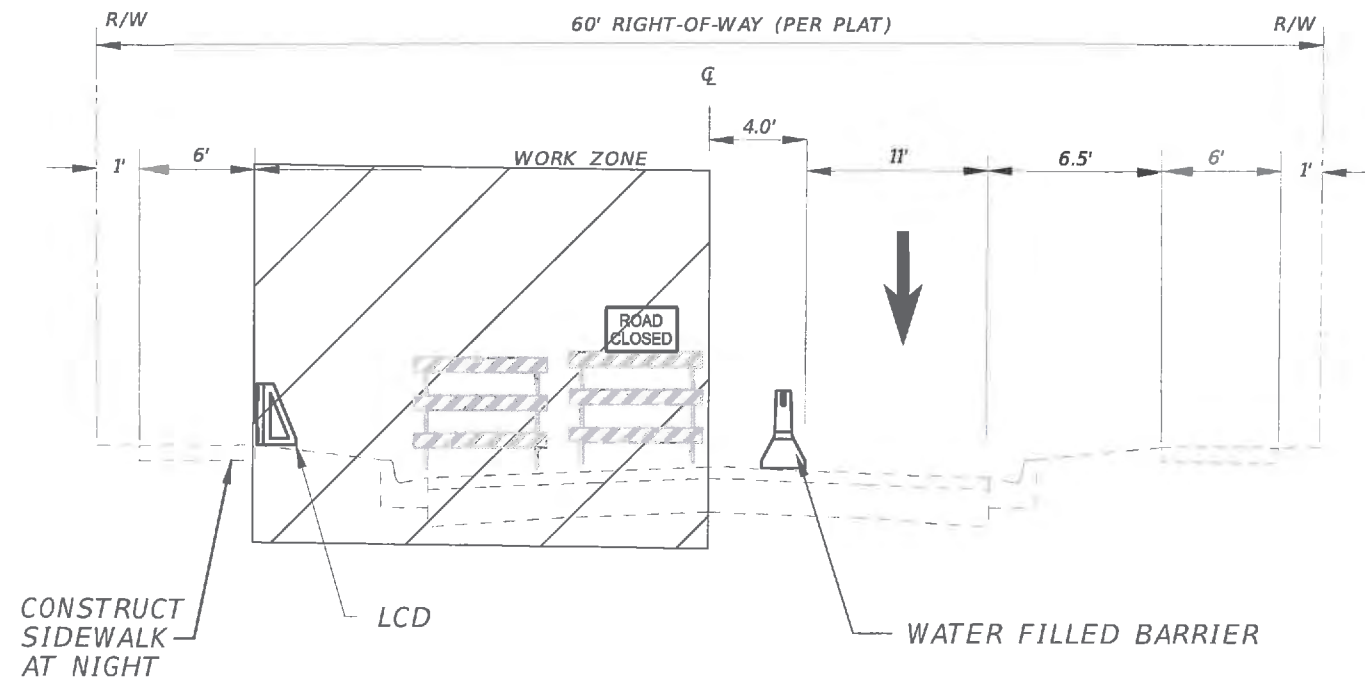
LEGEND

- EXISTING LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
→ SHIFTED LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
▨ ACTIVE WORK ZONE



			DESIGNED MLM	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TTCP Typical Sections	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018
Page 970 of 1140			DRAWN MA						PROJECT NO.: 100054389
REV. NO.	DATE	DESCRIPTION	CHECKED MLM						SHEET: 81

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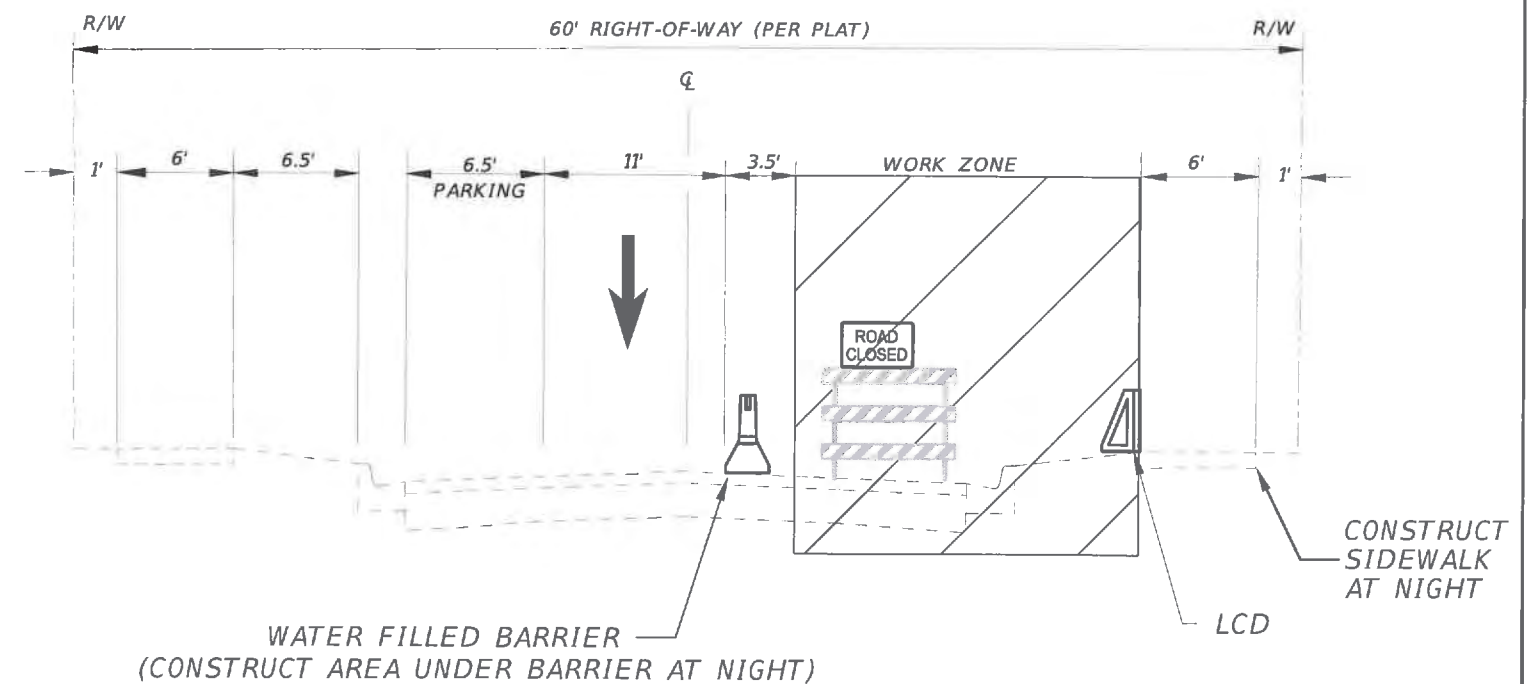
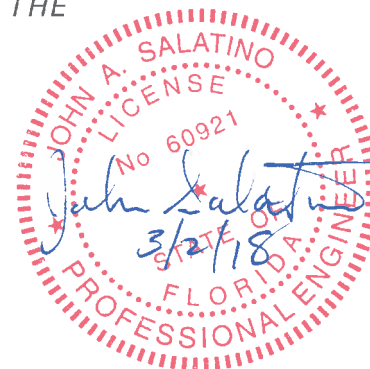


PHASE IIIA
TYPICAL SECTION
TAMPA AVENUE W. - HARBOR DRIVE N. TO NASSAU ST.

PHASE NOTES:

PHASE IIIA (HARBOR DRIVE N. TO NASSAU ST.)

1. CLOSE WB LANE USING FDOT DESIGN STANDARDS INDEX 603 AND THE TEMPORARY TRAFFIC CONTROL PLANS, PLACE ADVANCED WARNING SIGNAGE AND CHANNELIZING DEVICES. CONSTRUCT DRAINAGE, CURB AND GUTTER, AND WB LANE. CONSTRUCT ONE BLOCK OF PARKING AT A TIME TO MINIMIZE PARKING IMPACTS. OMIT BULBOUTS CONSTRUCTION AT NASSAU UNTIL LATER PHASE TO ALLOW FOR DRAINAGE CONSTRUCTION.
2. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER
3. COMPLETE ROAD CLOSURES IN BOTH DIRECTION WILL BE ALLOW AT THE DISCRETION OF THE ENGINEER AFTER 10:00 PM.
4. OPEN ON STREET PARKING AT END OF PHASE.



PHASE IIIA
TYPICAL SECTION
TAMPA AVENUE W. - NASSAU ST. TO N. TAMIAMI TRAIL (US 41)

PHASE IIIA (NASSAU ST. TO TAMIAMI TR (US 41))

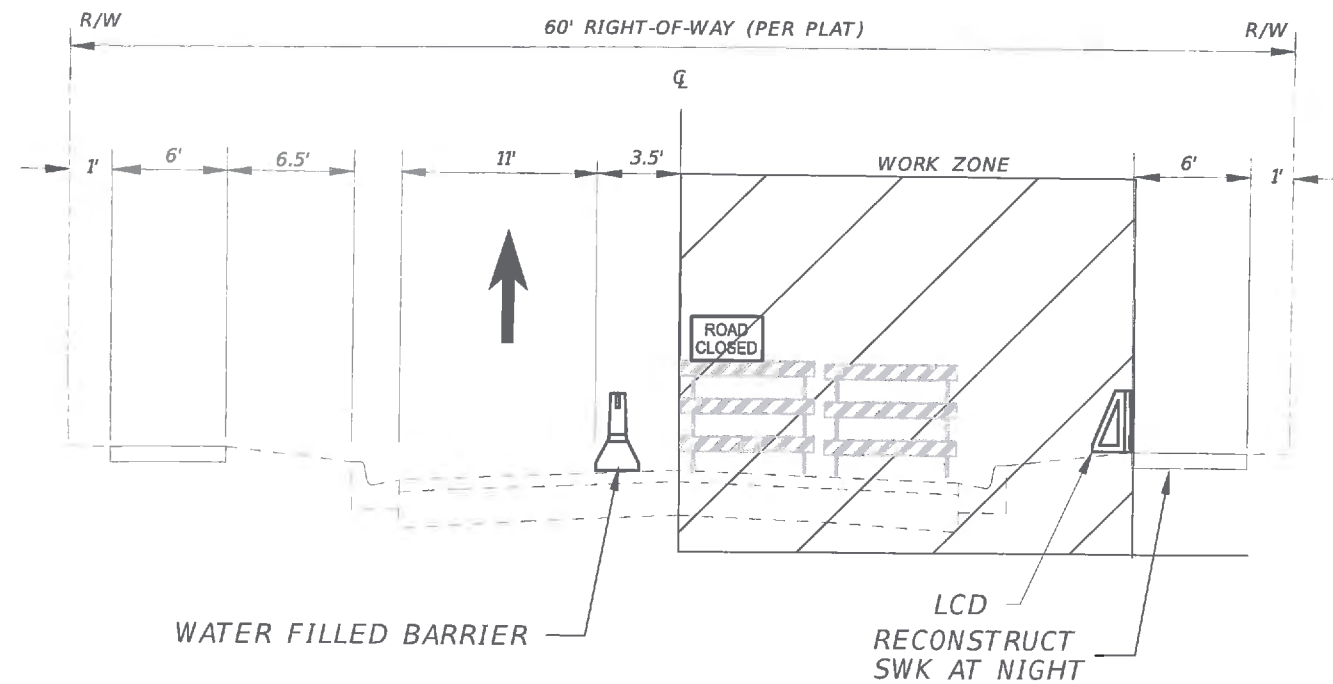
1. FOR CONSTRUCTION TO THE CENTERLINE USE NIGHTTIME LANE CLOSURES FOR THE NORTH SIDE PARKING SPACES AND EB LANE USING FDOT DESIGN STANDARDS INDEX 603 AND THE TTC PLANS TO SHIFT WB TRAFFIC INTO THE PARKING SPACES USING CHANNELIZING DEVICES AT $L=WS^2/60$.
2. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER
3. COMPLETE ROAD CLOSURES IN BOTH DIRECTION WILL BE ALLOW AT THE DISCRETION OF THE ENGINEER AFTER 10:00 PM.
2. RESTORE PARKING SPACE AND LANE AS SHOWN ABOVE EACH

LEGEND

- EXISTING LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- SHIFTED LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- ACTIVE WORK ZONE

DESIGNED MLM		PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TTCP Typical Sections		APPROVED BY: JOHN SALATINO, P.E. DATE: 2/28/2018		PROJECT NO.: 100054389		SHEET: 82	
DRAWN MA										P.E. LICENSE NUMBER 60921					
CHECKED MLM										ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)					
										4030 WEST BOY SCOUT BOULEVARD, SUITE 700					
										TAMPA, FL 33607-1712					

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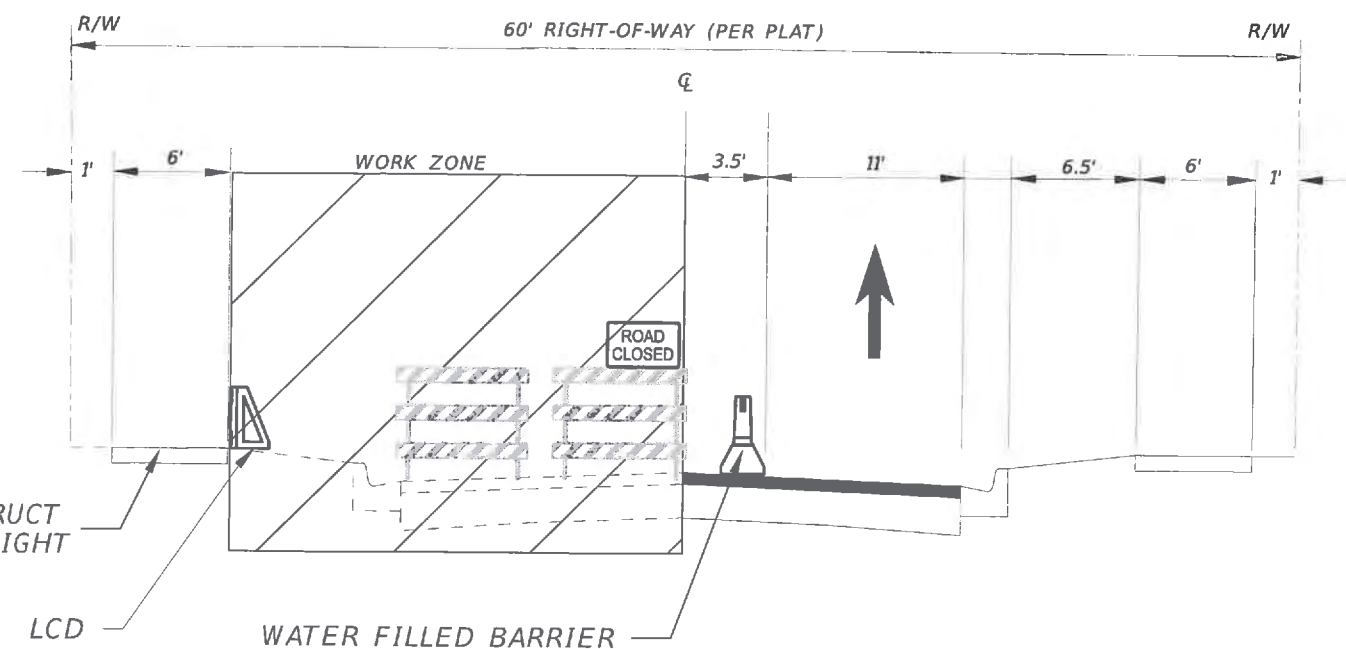


PHASE IIIB
TYPICAL SECTION
TAMPA AVENUE W. - HARBOR DRIVE N. TO NASSAU ST.

PHASE NOTES:

PHASE IIIB (HARBOR DRIVE N. TO NASSAU ST.)

1. SHIFT EB TRAFFIC ONTO THE NEWLY CONSTRUCTED WB TRAVEL LANE.
2. CLOSE EB LANE USING FDOT DESIGN STANDARDS INDEX 603 AND THE TEMPORARY TRAFFIC CONTROL PLANS TO PLACE ADVANCED WARNING SIGNAGE AND CHANNELIZING DEVICES. CONSTRUCT DRAINAGE, CURB AND GUTTER FOR EB TRAVEL LANE. CONSTRUCT ONE BLOCK OF PARKING AT A TIME TO MINIMIZE PARKING IMPACTS.
3. SHIFT TRAFFIC AT THE INTERSECTION USING $L=WS^2/60$ OR AS SHOWN IN THE TTC PLANS.
4. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER
5. COMPLETE ROAD CLOSURES IN BOTH DIRECTION WILL BE ALLOW AT THE DISCRETION OF THE ENGINEER AFTER 10:00 PM.



PHASE IIIB
TYPICAL SECTION
TAMPA AVENUE W. - NASSAU ST. TO N. TAMIAMI TRAIL (US 41)

PHASE IIIB (NASSAU ST. TO N. TAMIAMI TRAIL (US 41))

1. SHIFT TRAFFIC ONTO THE NEWLY CONSTRUCTED EB TRAVEL LANE.
2. CLOSE THE WB TRAVEL LANES USING FDOT DESIGN STANDARDS INDEX 603 AND THE TTC PLANS TO PLACE ADVANCED SIGNAGE AND CHANNELIZING DEVICES. CONSTRUCT DRAINAGE, CURBS, AND GUTTER FOR THE WB TRAVEL LANE.
3. MAINTAIN SIDEWALK USING FDOT DESIGN STANDARDS INDEX 660. TOTAL SIDEWALK CLOSURES ADJACENT TO BUSINESS ENTRANCES WILL BE ALLOWED FROM 8:30 PM TO 6:00 AM AT THE DISCRETION OF THE ENGINEER
4. COMPLETE ROAD CLOSURES IN BOTH DIRECTION WILL BE ALLOW AT THE DISCRETION OF THE ENGINEER AFTER 10:00 PM.

LEGEND

- EXISTING LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
→ SHIFTED LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
▨ ACTIVE WORK ZONE

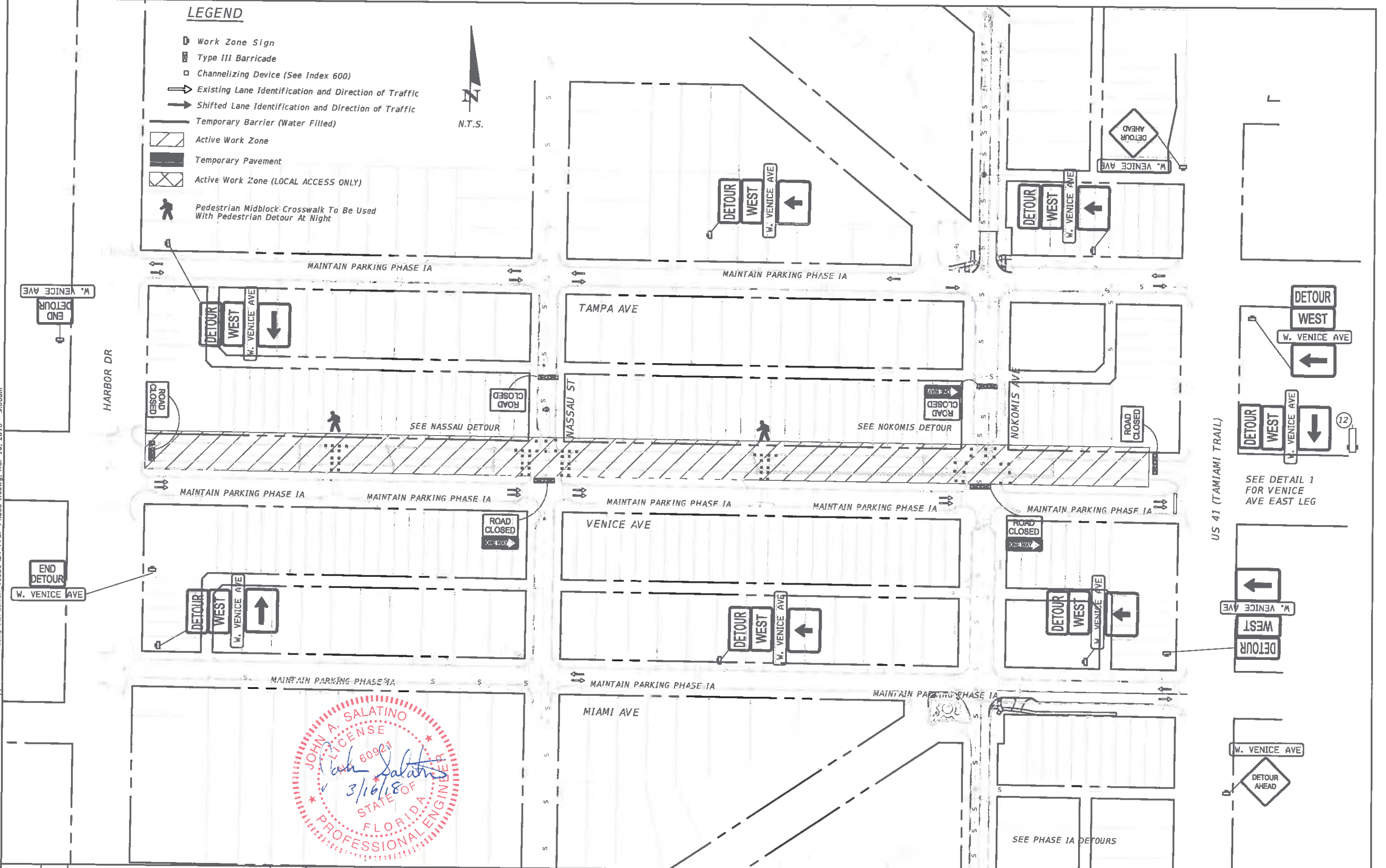
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DRAWN MA												PROJECT NO.: 100054389	
CHECKED MLM												SHEET: 83	

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LEGEND

- Work Zone Sign
- Type III Barricade
- Channelizing Device (See Index 600)
- Existing Lane Identification and Direction of Traffic
- Shifted Lane Identification and Direction of Traffic
- Temporary Barrier (Water Filled)
- Active Work Zone
- Temporary Pavement
- Active Work Zone (LOCAL ACCESS ONLY)
- Pedestrian Midblock Crosswalk To Be Used With Pedestrian Detour At Night

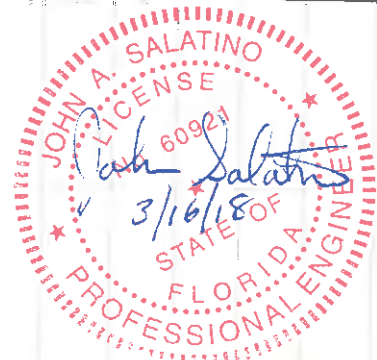
N.T.S.



US 41 (TAMiami TRAIL)

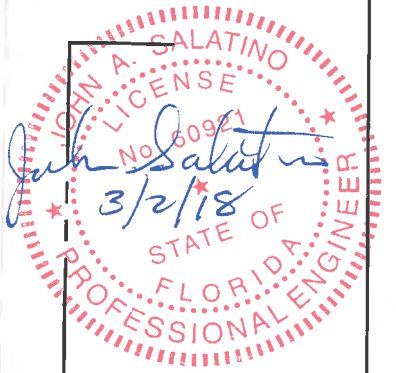
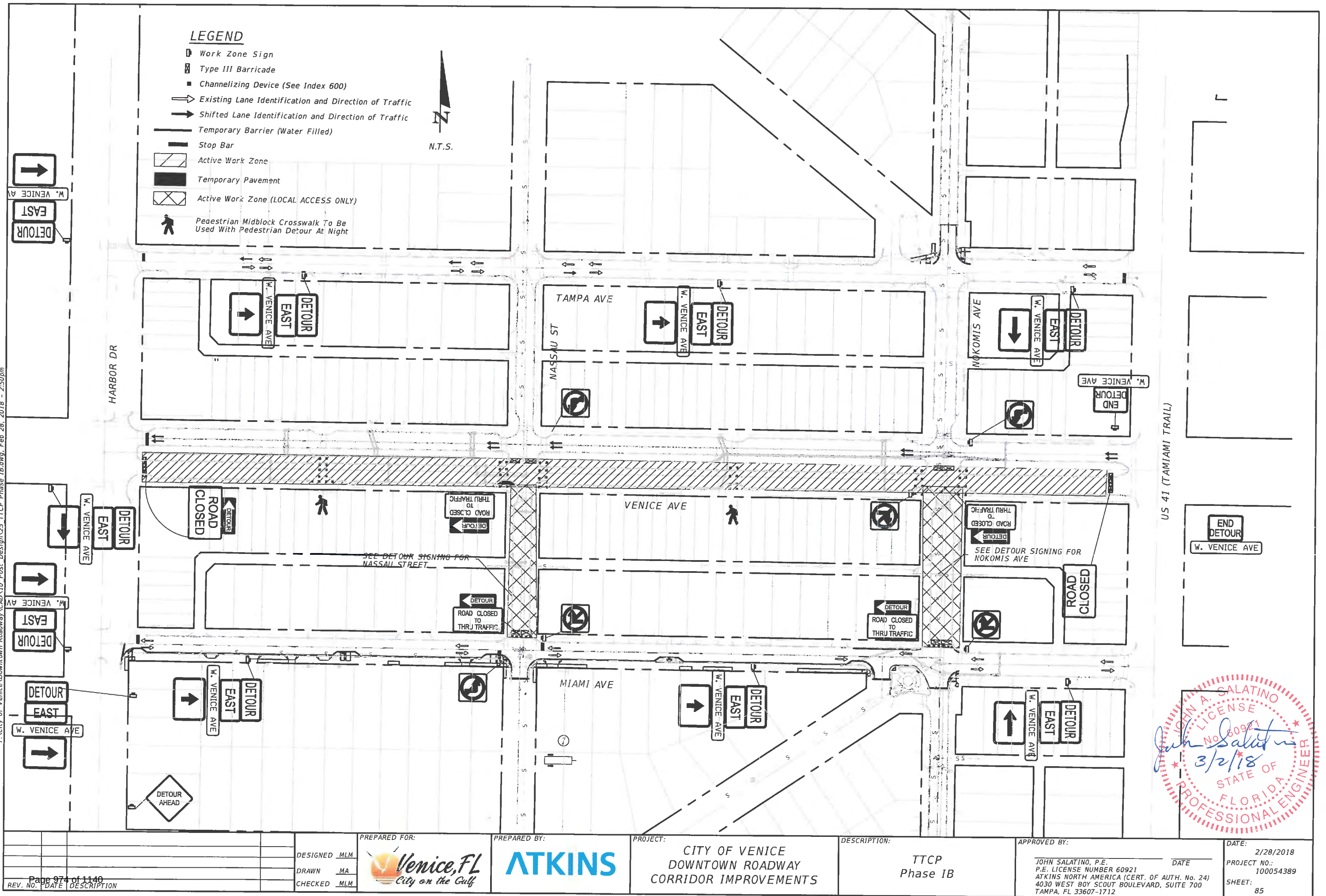
SEE DETAIL 1 FOR VENICE AVE EAST LEG

SEE PHASE 1A DETOURS



		DESIGNED MLM				PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TTCP Phase IA	APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 3/16/2018
		DRAWN MA							PROJECT NO.: 100054389
REV. NO. DATE DESCRIPTION		CHECKED MLM							SHEET: 84

T:\City Of Venice\Downtown Roadway\CAD\10 Post Design\25 TTCP Phase IB.dwg, Feb 28, 2018 - 2:50pm



DESIGNED MLM			PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TTCP Phase IB		APPROVED BY: JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE: 2/28/2018	
DRAWN MA													PROJECT NO.: 100054389	
CHECKED MLM													SHEET: 85	

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LEGEND

- Work Zone Sign
- Type III Barricade
- Channelizing Device (See Index 600)
- Existing Lane Identification and Direction of Traffic
- Shifted Lane Identification and Direction of Traffic
- Temporary Barrier (Water Filled)
- Active Work Zone
- Temporary Pavement
- Active Work Zone (LOCAL ACCESS ONLY)
- Pedestrian Midblock Crosswalk To Be Used With Pedestrian Detour At Night

N.T.S.

HARBOR DR

MAINTAIN PARKING PHASE IIA

TAMPA AVE

MAINTAIN PARKING PHASE IIA

NASSAU ST

MAINTAIN PARKING PHASE IIA

NOKOMIS AVE

MAINTAIN PARKING PHASE IIA

MAINTAIN PARKING PHASE IIA

VENICE AVE

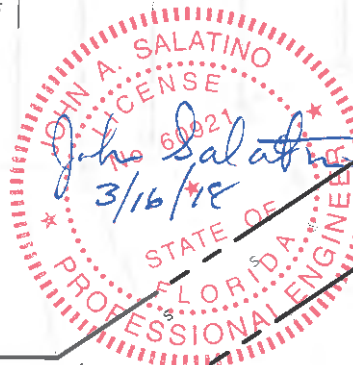
MAINTAIN PARKING PHASE IIA

MAINTAIN PARKING PHASE IIA

US 41 (TAMiami TRAIL)

CONSTRUCT ONE BLOCK AT A TIME TO MAINTAIN STREET PARKING ON CONSECUTIVE BLOCKS.

MIAMI AVE



DESIGNED MLM
DRAWN MA
CHECKED MLM

PREPARED FOR:
Venice, FL
City on the Gulf

PREPARED BY:
ATKINS

PROJECT:
CITY OF VENICE
DOWNTOWN ROADWAY
CORRIDOR IMPROVEMENTS

DESCRIPTION:
TTCP
Phase IIA

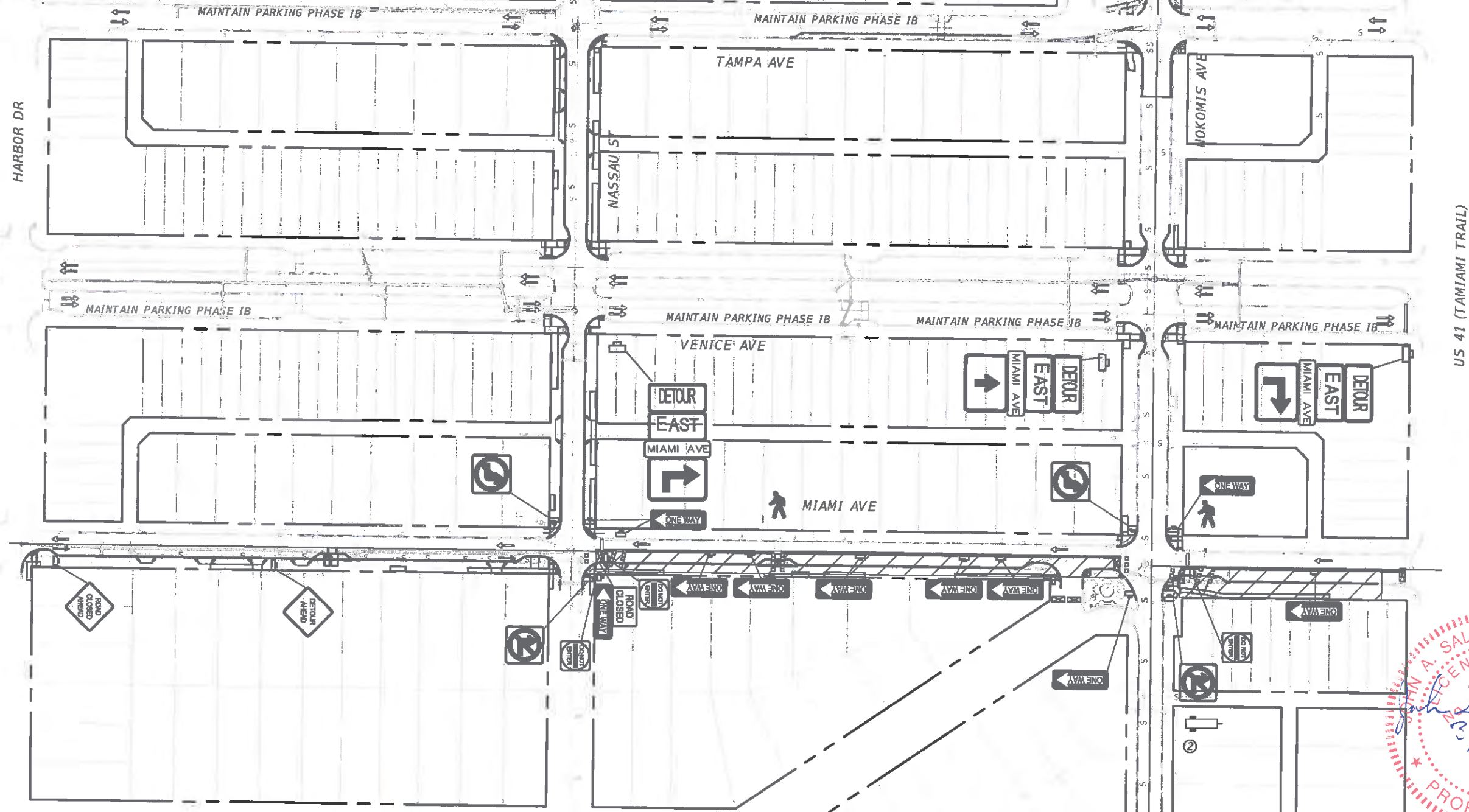
APPROVED BY:
JOHN SALATINO, P.E.
P.E. LICENSE NUMBER 60921
ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)
4030 WEST BOY SCOUT BOULEVARD, SUITE 700
TAMPA, FL 33607-1712

DATE:
3/16/2018
PROJECT NO.:
100054389
SHEET:
86

LEGEND

- Work Zone Sign
- Type III Barricade
- Channelizing Device (See Index 600)
- Existing Lane Identification and Direction of Traffic
- Shifted Lane Identification and Direction of Traffic
- Temporary Barrier (Water Filled)
- Stop Bar
- Active Work Zone
- Temporary Pavement
- Active Work Zone (LOCAL ACCESS ONLY)
- Pedestrian Midblock Crosswalk To Be Used With Pedestrian Detour At Night

N.T.S.



C:\Users\hart8975\appdata\LocalTemp\AcPublish 17404\27 TTCP Phase IIA2.dwg, Mar 15, 2018 - 4:34pm

DESIGNED MLM DRAWN MA CHECKED MLM	PREPARED FOR:	PREPARED BY:	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TTCP Phase IIA	APPROVED BY: JOHN SALATINO, P.E. DATE P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 3/15/2018 PROJECT NO.: 100054389 SHEET: 87
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C:\Users\hart8975\appdata\local\Temp\AcPublish\17404\28 TTCP Phase IIB.dwg, Mar 15, 2018 - 4:23pm

LEGEND

-  Work Zone Sign
-  Type III Barricade
-  Channelizing Device (See Index 600)
-  Existing Lane Identification and Direction of Traffic
-  Shifted Lane Identification and Direction of Traffic
-  Temporary Barrier (Water Filled)
-  Stop Bar
-  Active Work Zone
-  Temporary Pavement
-  Active Work Zone (LOCAL ACCESS ONLY)
-  Pedestrian Midblock Crossover To Be Used With Pedestrian Detour At Night

N.T.S.

HARBOR DR

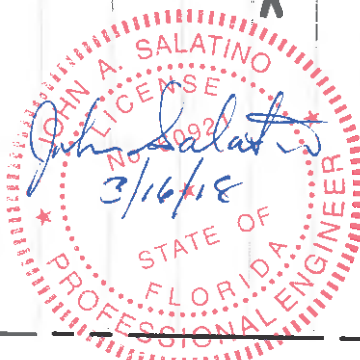
TAMPA AVE

VENICE AVE

MIAMI AVE

US 41 (TAMiami TRAIL)

SEE DETAIL 4
MIAMI AVE
EAST LEG



DESIGNED MLM
DRAWN MA
CHECKED MLM

PREPARED FOR:



PREPARED BY:



PROJECT:

CITY OF VENICE
DOWNTOWN ROADWAY
CORRIDOR IMPROVEMENTS

DESCRIPTION:

TTCP
Phase IIB

APPROVED BY:

JOHN SALATINO, P.E.
P.E. LICENSE NUMBER 60921
ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)
4030 WEST BOY SCOUT BOULEVARD, SUITE 700
TAMPA, FL 33607-1712

DATE

DATE: 3/15/2018
PROJECT NO.: 100054389
SHEET: 88

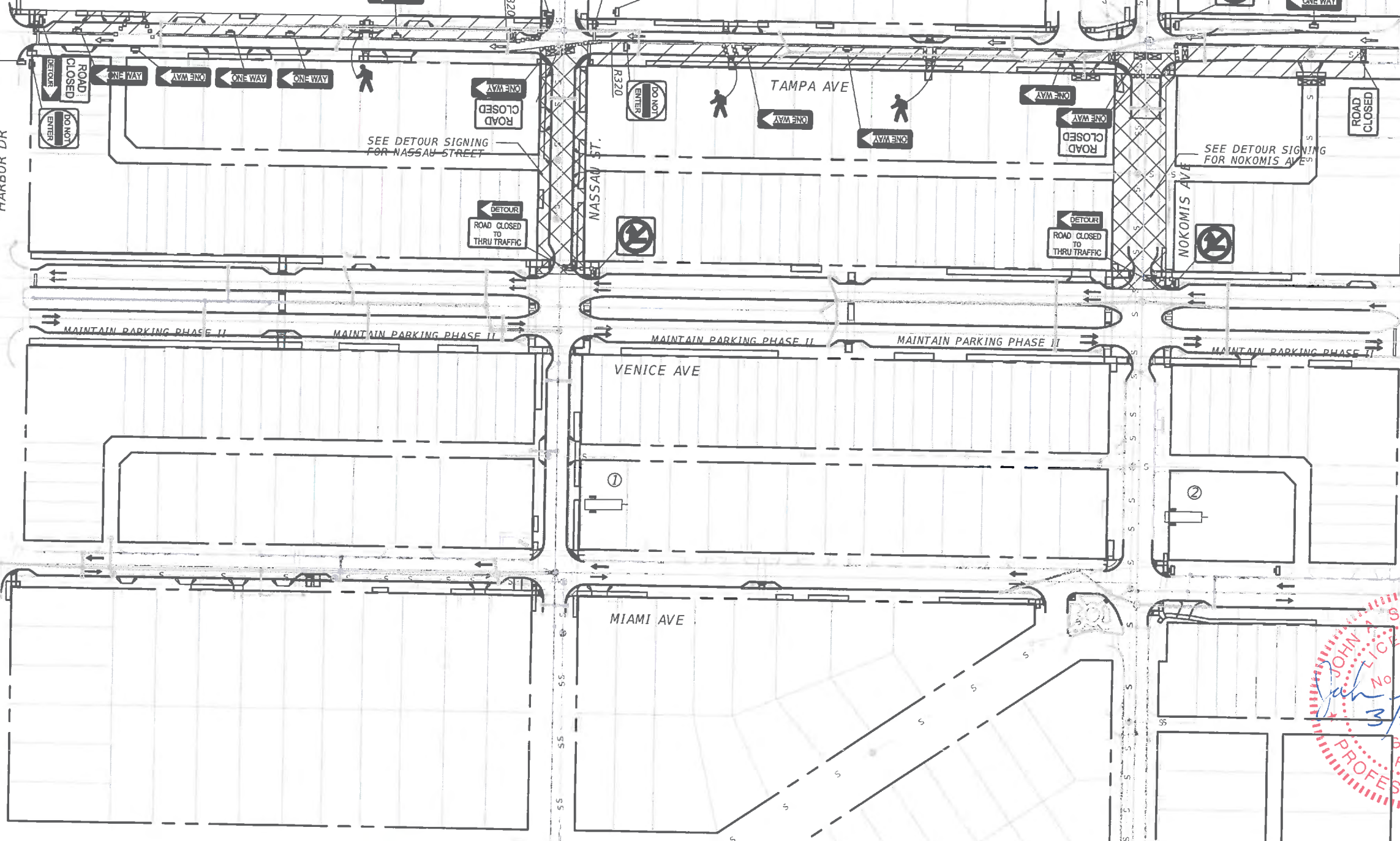
T:\City Of Venice\Downtown Roadway\CAD\10 Post Design\28 TTCP Phase IIIA.dwg, Feb 28, 2018 - 2:57 pm

LEGEND

- Work Zone Sign
- Type III Barricade
- Channelizing Device (See Index 600)
- Existing Lane Identification and Direction of Traffic
- Shifted Lane Identification and Direction of Traffic
- Temporary Barrier (Water Filled)
- Stop Bar
- Active Work Zone
- Temporary Pavement
- Active Work Zone (LOCAL ACCESS ONLY)
- Pedestrian Midblock Crosswalk To Be Used With Pedestrian Detour At Night

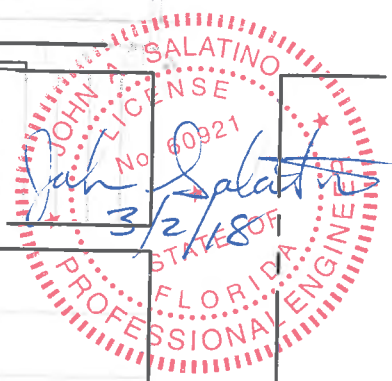


HARBOR DR



US 41 (TAMiami TRAIL)

SEE DETAIL 1
VENICE AVE
EAST LEG



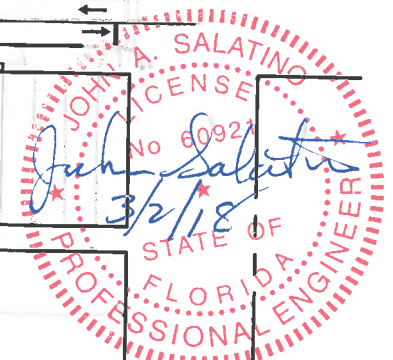
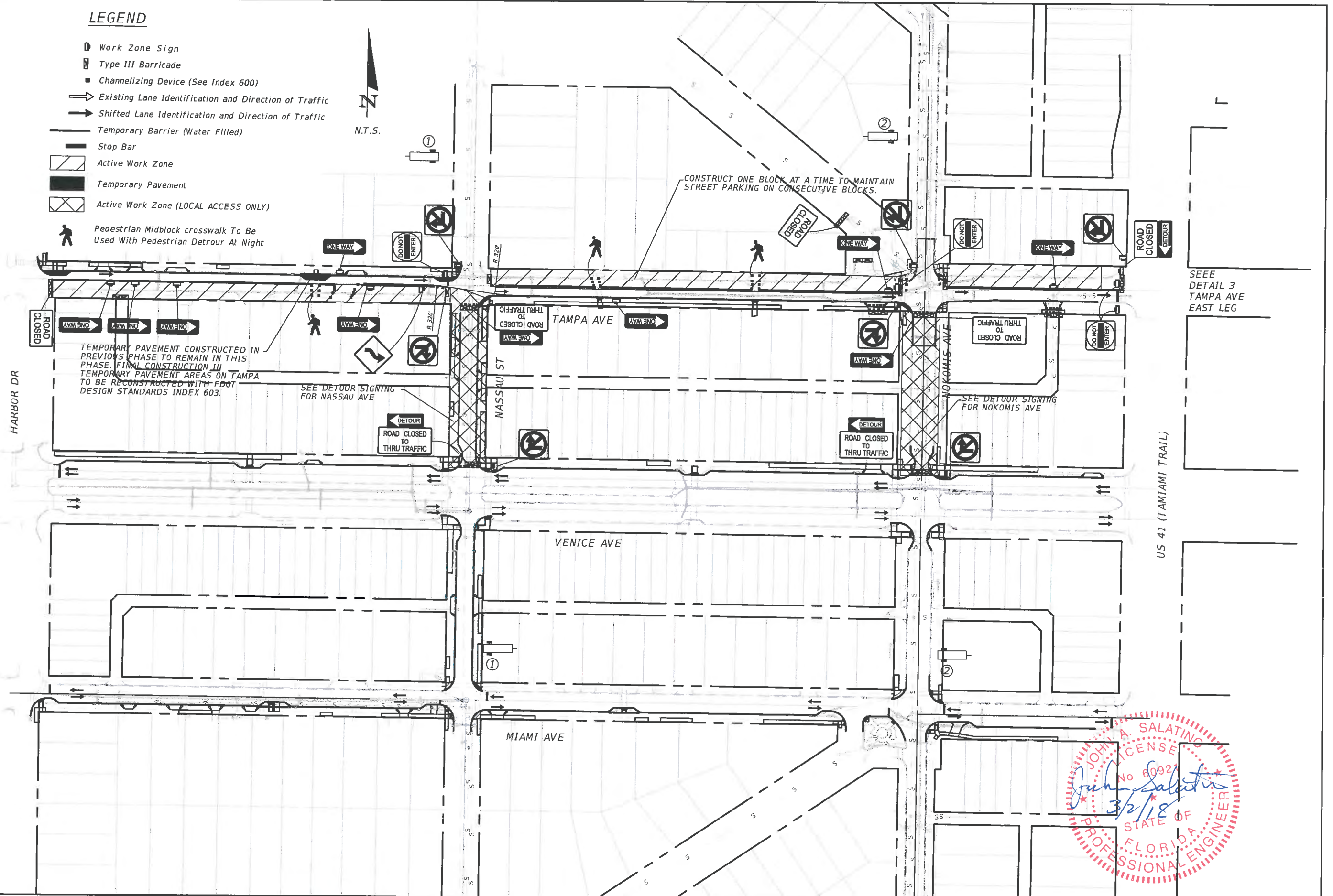
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LEGEND

- Work Zone Sign
- Type III Barricade
- Channelizing Device (See Index 600)
- Existing Lane Identification and Direction of Traffic
- Shifted Lane Identification and Direction of Traffic
- Temporary Barrier (Water Filled)
- Stop Bar
- Active Work Zone
- Temporary Pavement
- Active Work Zone (LOCAL ACCESS ONLY)
- Pedestrian Midblock crosswalk To Be Used With Pedestrian Detour At Night

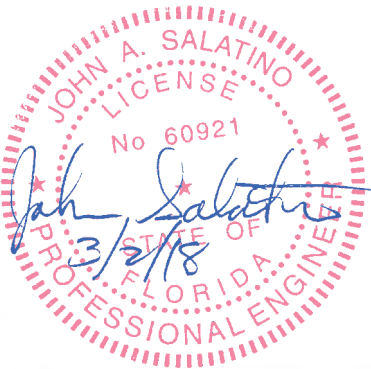
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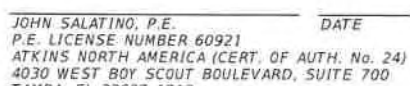


DESIGNED MLM		PREPARED FOR: Venice, FL City on the Gulf		PREPARED BY: ATKINS		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: TTCP Phase IIIB		APPROVED BY: JOHN SALATIELLO, P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712		DATE: 2/28/2018		PROJECT NO.: 100054389		SHEET: 90	
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CHECKED MLM																	

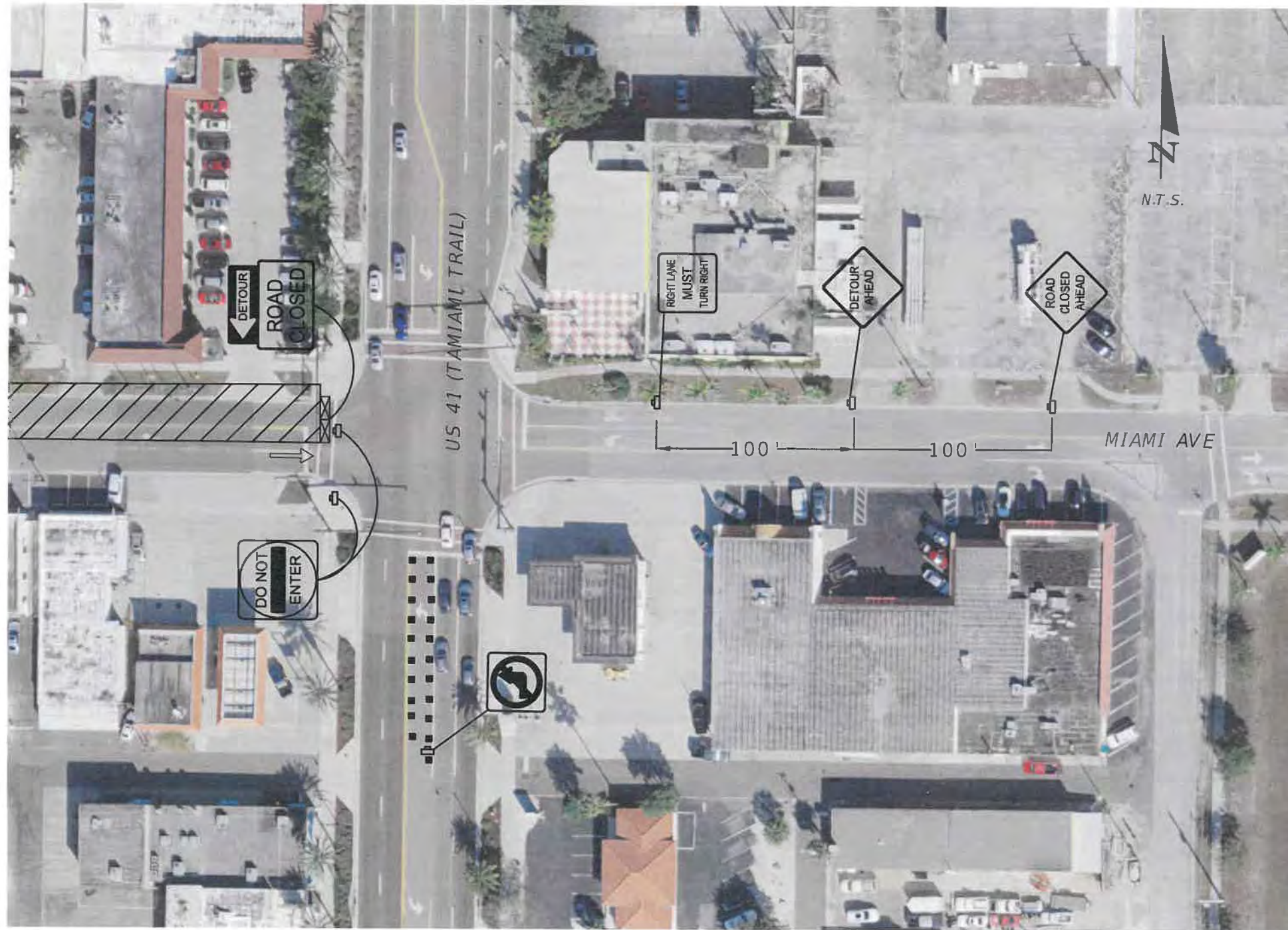
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TTCP - PHASE 1A
DETAIL 1



				DESIGNED <u>MLM</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TTCP Venice Ave. - East Leg Details	APPROVED BY:  JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE: 2/28/2018 PROJECT NO.: 100054389 SHEET: 91
REV. NO. DESCRIPTION				DRAWN <u>MA</u>						
Page 990 of 1140				CHECKED <u>MLM</u>						

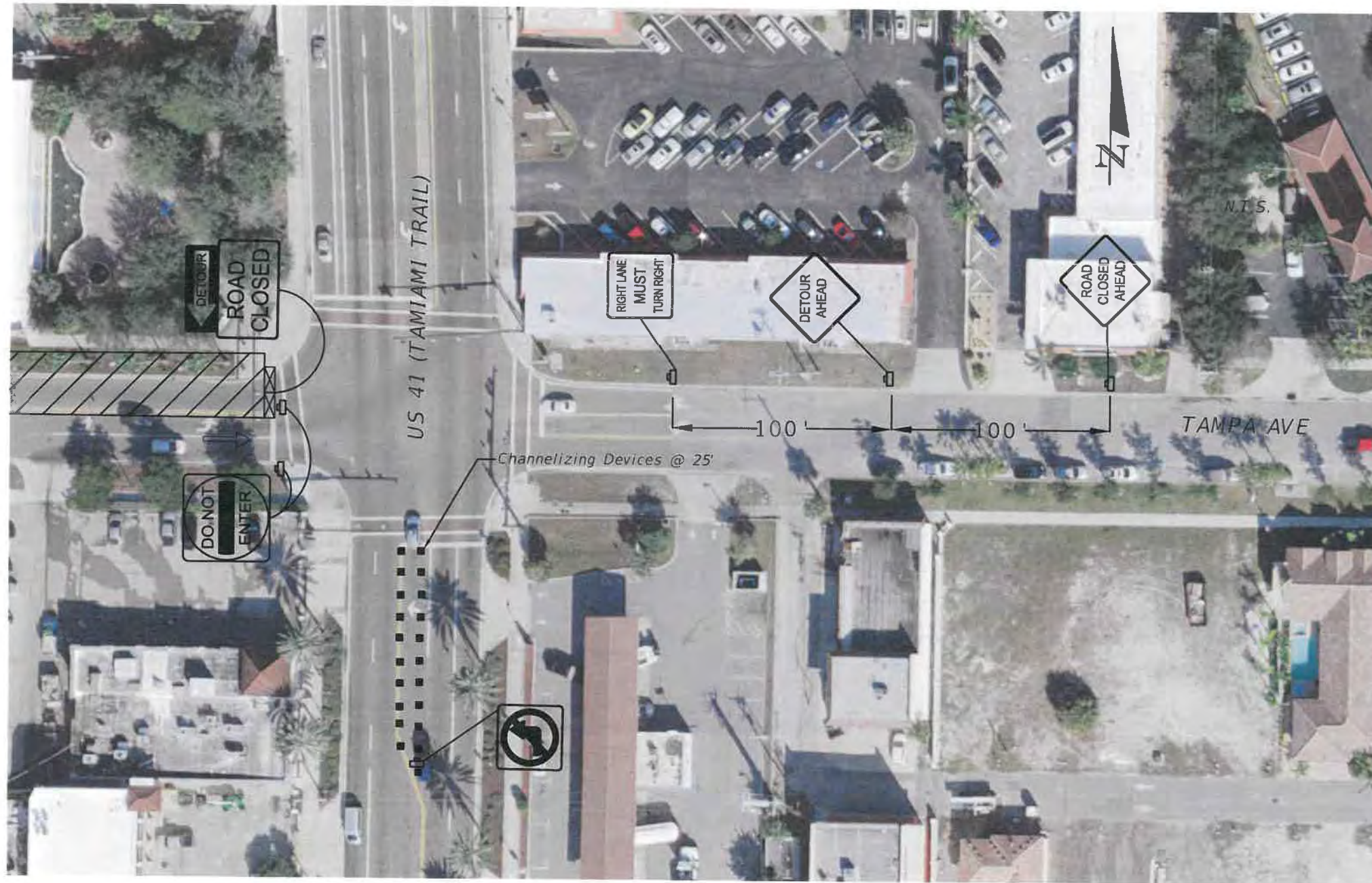
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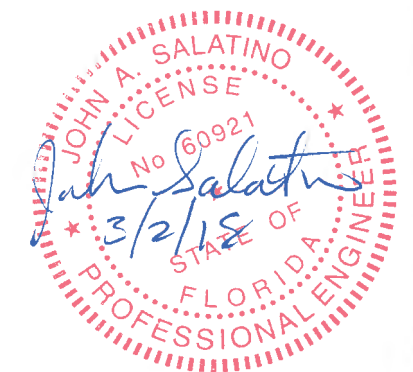
TTCP - PHASE II
DETAIL 4

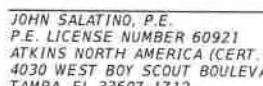


				DESIGNED <u>MLM</u>			PREPARED BY:	PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	TTCP Miami Ave. - East Leg Detail	APPROVED BY:	JOHN SALATINO, P.E. P.E. LICENSE NUMBER 60921 ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24) 4030 WEST BOY SCOUT BOULEVARD, SUITE 700 TAMPA, FL 33607-1712	DATE	2/28/2018		
				DRAWN <u>MA</u>												PROJECT NO.:	100054389
REV. NO. 024 OF 024				CHECKED <u>MLM</u>												SHEET:	92



TTCP - PHASE III
DETAIL 3

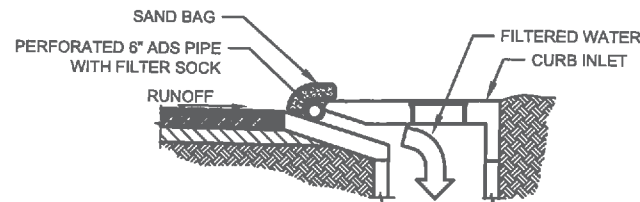


DESIGNED	MLM	PREPARED FOR:		PREPARED BY:		PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	TTCP Tampa Ave. - East Leg Detail	APPROVED BY:		DATE:	2/28/2018
DRAWN	MA											PROJECT NO.:	100054389
CHECKED	MLM											SHEET:	93

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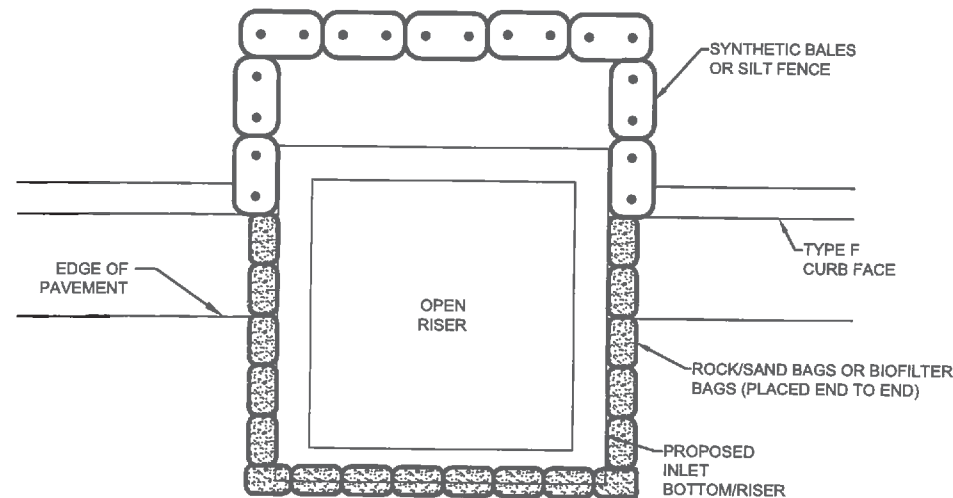
OWNER'S REQUIREMENTS				CONTRACTOR'S REQUIREMENTS																										
SITE DESCRIPTION		SEQUENCE OF MAJOR ACTIVITIES:		SPILL PREVENTION		SPILL CONTROL PRACTICES																								
PROJECT NAME AND LOCATION: DOWNTOWN VENICE ROADWAY CORRIDOR IMPROVEMENTS, VENICE, FLORIDA SEE NPDES NOTICE OF INTENT TO USE GENERIC PERMIT OWNER NAME AND ADDRESS: CITY OF VENICE 401 W. VENICE AVENUE VENICE, FLORIDA 34285 SEE NPDES NOTICE OF INTENT TO USE GENERIC PERMIT DESCRIPTION: THIS PROJECT WILL CONSIST OF: RECONSTRUCTING OR MILLING AND RESURFACING THE NETWORK OF EXISTING STREETS, SIDEWALKS, AND LANDSCAPING WITHIN THE PROJECT LIMITS IN DOWNTOWN VENICE WITH NO ANTICIPATED INCREASE IN IMPERVIOUS AREA. THE RECONSTRUCTION WILL BE ACCOMPANIED BY SIGNIFICANT CLOSED COLLECTION AND CONVEYANCE SYSTEM UPGRADES TO ALLEVIATE FLOODING AND IMPROVE LEVEL OF SERVICE. SOIL DISTURBING ACTIVITIES WILL INCLUDE: INSTALLING A PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; GRADING; PAVEMENT CUTTING FOR PIPE/CULVERT REPLACEMENTS; AND RECONSTRUCTION OF LANDSCAPE AREAS WITHIN THE CORRIDOR. RUNOFF COEFFICIENT : VARIES SEE NPDES NOTICE OF INTENT TO USE GENERIC PERMIT SOILS: SEE NPDES NOTICE OF INTENT TO USE GENERIC PERMIT SITE MAPS: * SEE CONSTRUCTION PLANS AND DRAINAGE REPORT GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS. * SEE CONSTRUCTION PLANS FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS SITE AREA: 1. TOTAL AREA OF SITE = 12.7 Acres 2. TOTAL AREA TO BE DISTURBED = 9.7 Acres SEE NPDES NOTICE OF INTENT TO USE GENERIC PERMIT (1) A DRAINAGE REPORT MAY BE OBTAINED FROM ATKINS (SEE TITLE BLOCK FOR ADDRESS)		THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS: 1. INSTALL SILT FENCES TURBIDITY BARRIERS, AND INLET PROTECTION AS REQUIRED 2. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED 3. STABILIZE DENOTED AREAS AND STOCKPILES AS SOON AS PRACTICAL 4. INSTALL PIPING, CULVERTS, CURBS & GUTTERS 5. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING 6. COMPLETE FINAL PAVING 7. REMOVE ACCUMULATED SEDIMENT FROM BASINS 8. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED		9. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA (S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. 10. TEMPORARY GRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER. 12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED. 13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES. 14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AT MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED. STRUCTURAL PRACTICES 1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. 2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP IS USUALLY INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA WITH THE FOLLOWING LIMITATIONS. A. THE SEDIMENT TRAP MAY BE CONSTRUCTED EITHER A. INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE. 3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE VELOCITY OF FLOW AT DESIGN CAPACITY OF THE OUTLET WILL EXCEED THE PERMISSIBLE VELOCITY OF THE RECEIVING CHANNEL OR AREA. 4. ALL SEDIMENT COLLECTED IN TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.		EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. * NO MORE THAN 10 ACRES OF THE SITE WILL BE DEWED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. * ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER. * ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. * BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE. * SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. * THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE SEEDING CAPACITY OR AT THE END OF THE JOB. * DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED. * TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. * A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORMWATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY AND INCIDENTS OF NON-COMPLIANCE. * THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT. * PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.																								
CONTROLS		TIMING OF CONTROLS/MEASURES		HAZARDOUS PRODUCTS		NON-STORM WATER DISCHARGES																								
THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUNOFF. THE CONSTRUCTION PLANS HAVE BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS AS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL STATE AND LOCAL LAWS. REFER TO "CONTRACTOR'S REQUIREMENTS" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.		AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES, SYNTHETIC HAY BALES, AND TURBIDITY BARRIERS WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE SEDIMENT AND EROSION CONTROL PLAN.		THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. * PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. * ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. * IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS OR LOCAL AND/OR STATE RECOMMENDED METHOD FOR PROPER DISPOSAL WILL BE FOLLOWED.		IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: * WATER FROM WATER LINE FLUSHING. * PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). * UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO A TEMPORARY SEDIMENT TRAP PRIOR TO DISCHARGE.																								
TIMING OF CONTROL MEASURES		CONTROLS		FERTILIZERS		CONTRACTOR'S CERTIFICATION																								
REFER TO "CONTRACTOR'S REQUIREMENTS" FOR THE TIMING OF CONTROL/MEASURES.		IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN IN THE SEDIMENT AND EROSION CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES. EROSION AND SEDIMENT CONTROL STABILIZATION PRACTICES 1. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. 2. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. 3. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL RECONCENTRATE AFTER RELEASE. 4. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. 5. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS. 6. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LOADED STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. 7. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING. 8. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.		OTHER CONTROLS WASTE DISPOSAL WASTE MATERIALS ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. HAZARDOUS WASTE ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES BY THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.		SPILL CONTROL PRACTICES IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE KEPT AVAILABLE ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (I.E. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILLS IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.		I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIES AS PART OF THIS CERTIFICATION. <table><thead><tr><th>SIGNATURE</th><th>BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS</th><th>RESPONSIBLE FOR/DUTIES</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		SIGNATURE	BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS	RESPONSIBLE FOR/DUTIES																		
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THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENT OUTLINED IN THIS NARRATIVE AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION, THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS.		THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON SITE DURING CONSTRUCTION: <table><thead><tr><th>CONCRETE</th><th>FERTILIZERS</th><th>WOOD</th></tr></thead><tbody><tr><td>ASPHALT</td><td>PETROLEUM BASED PRODUCTS</td><td>MASONRY BLOCKS</td></tr><tr><td>TAR</td><td>CLEANING SOLVENTS</td><td>ROOFING MATERIALS</td></tr><tr><td>DETERGENTS</td><td>PAINTS</td><td>METAL STUDS</td></tr></tbody></table>		CONCRETE	FERTILIZERS	WOOD	ASPHALT	PETROLEUM BASED PRODUCTS	MASONRY BLOCKS	TAR	CLEANING SOLVENTS	ROOFING MATERIALS	DETERGENTS	PAINTS	METAL STUDS	HAZARDOUS WASTE ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES BY THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.		OWNER AND ENGINEER CERTIFICATION WE THE UNDERSIGNED ACKNOWLEDGE THE APPLICABILITY OF THIS SWPPP AS IT PERTAINS TO FDEP AND SWFWMD RULES. ANY REQUIRED REVISIONS AND ADDITIONS NECESSARY FOR CONSTRUCTION MEANS AND METHODS WILL BE SUBMITTED TO THE AGENCIES. OWNER ENGINEER												
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DRAWN MA		Venice, FL		CITY OF VENICE		DATE																								
CHECKED MLM		City on the Gulf		DOWNTOWN ROADWAY		PROJECT NO.:																								
		ATKINS		CORRIDOR IMPROVEMENTS		100054389																								
				DESCRIPTION:		SHEET:																								
				STORMWATER POLLUTION PREVENTION PLAN (SWPPP)		94																								
REV. NO. DATE DESCRIPTION						DATE: 2/28/2018																								
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T:\City of Venice\Downtown Roadway\CAD\10 Post Design\34 Erosion and Sediment Control.dwg, Feb 28, 2018 - 3:04pm

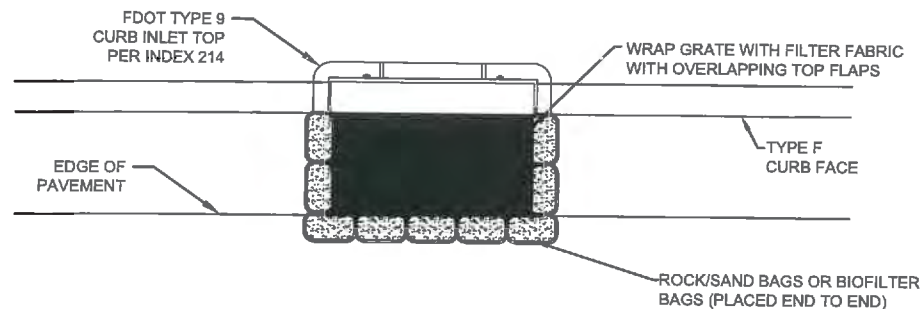


SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

SECTION



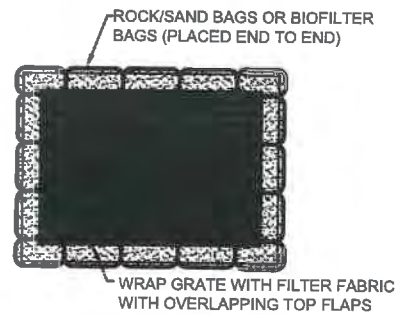
PLAN- PARTIAL INLET



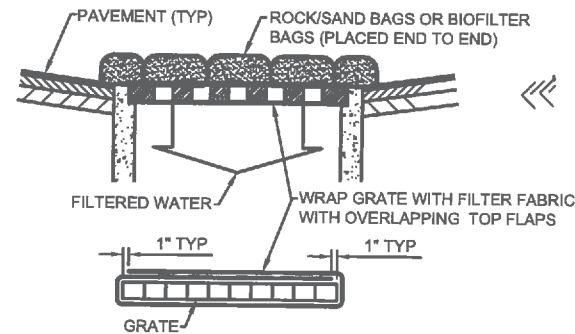
PLAN- COMPLETED INLET

CURB INLET FILTER DETAIL

SCALE: NTS



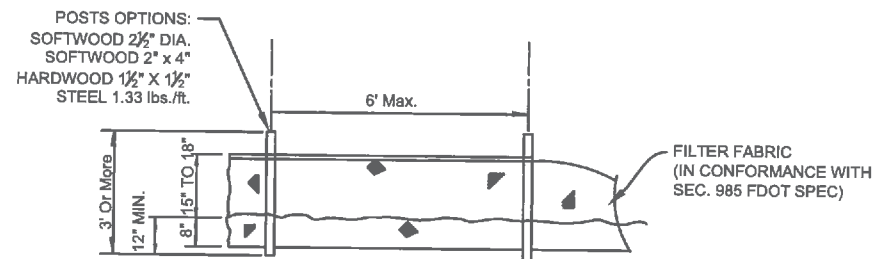
PLAN



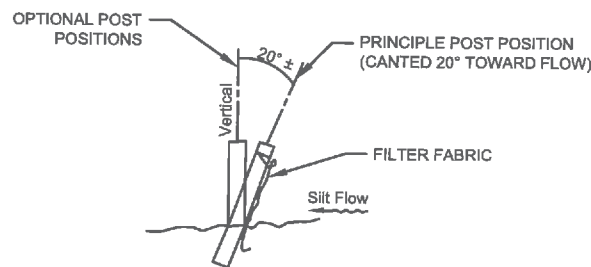
SECTION

INLET SEDIMENT FILTER DETAIL

SCALE: NTS



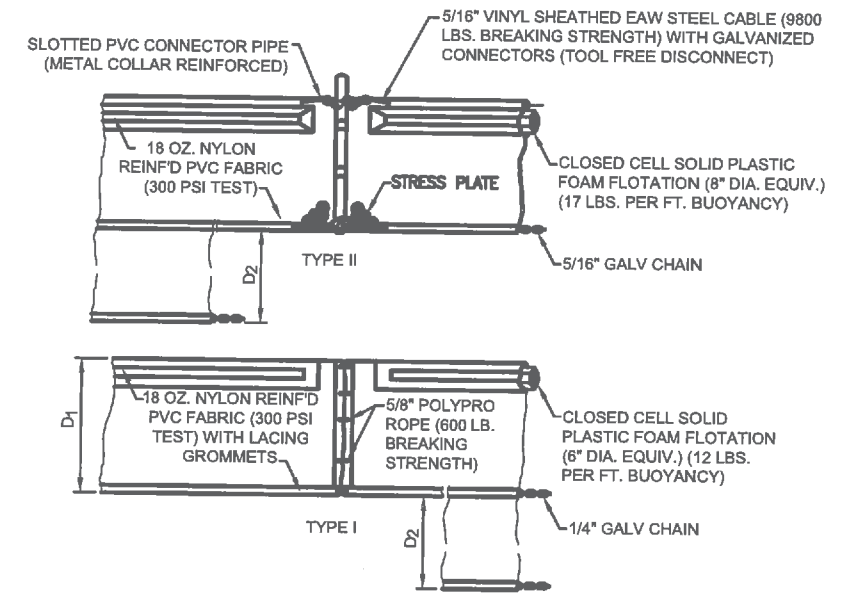
ELEVATION



SECTION

SILT FENCE TYPE III

SCALE: NTS



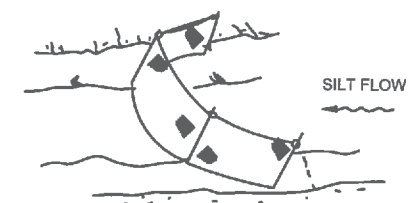
D₁=5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
D₂=5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5').

CURTAIN TO REACH BOTTOM UP TO DEPTHS OF TEN FEET. TWO(2) PANELS TO BE USED FOR DEPTHS GREATER THAN TEN FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIER

SCALE: NTS



TYPE III SILT FENCE

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS

SCALE: NTS

REV. NO.	DATE	DESCRIPTION	DESIGNED	MLM	PREPARED FOR:	PREPARED BY:	PROJECT:	DESCRIPTION:	APPROVED BY:	DATE:	PROJECT NO.:	SHEET:
			DRAWN	MA	Venice, FL	ATKINS	CITY OF VENICE	EROSION CONTROL DETAILS	JOHN SALATINO, P.E.	2/28/2018	100054389	95
			CHECKED	MLM	City on the Gulf		DOWNTOWN ROADWAY		ATKINS NORTH AMERICA (CERT. OF AUTH. No. 24)			
							CORRIDOR IMPROVEMENTS		4030 WEST BOY SCOUT BOULEVARD, SUITE 700			
									TAMPA, FL 33607-1712			