

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
LIGHTING PLANS (FOR INFORMATION ONLY)
STRUCTURE PLANS

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS

PLANS FOR PROPOSED BRIDGE REPLACEMENT

NE 10TH AVENUE BRIDGE 874178 REPLACEMENT
OVER THE ADEMAR CANAL (BRIDGE NO. 874185)
FROM NE 83RD STREET TO NE 84TH STREET

FUNDS: MOBILITY IMPACT FEE (M.I.F.)
MIAMI-DADE COUNTY DTPW PROJECT NO. EDP-MT-20190196

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	DRAINAGE MAP
5 - 6	TYPICAL SECTIONS
7	SUMMARY OF DRAINAGE STRUCTURES
8	OPTIONAL MATERIALS TABULATION
9 - 10	PROJECT CONTROL
11	GENERAL NOTES
12 - 13	ROADWAY PLAN-PROFILES
14	DRAINAGE PLAN-PROFILES
15 - 18	DRAINAGE STRUCTURES
19	SPECIAL DETAILS
20	CROSS SECTION PATTERNS
21	ROADWAY SOIL SURVEY
22	SOIL PROFILES
23 - 30	CROSS SECTIONS
31 - 32	STORMWATER POLLUTION PREVENTION PLAN
33 - 35	TEMPORARY TRAFFIC CONTROL PLANS
36	UTILITY ADJUSTMENTS
37	TREE DISPOSITION PLAN
38	TREE PRESERVATION DETAILS
39	PAVER DRIVEWAY DETAILS
SO-1 - SO-9	SUMMARY OF QUANTITIES
UTV-1*	VERIFIED UTILITY LOCATE SHEET

* This sheet is included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheet is contained in a separate digitally signed and sealed document.

MIAMI-DADE STANDARD DETAILS

MD-1	INLET PROTECTION SYSTEMS DETAILS
MD-2	SEDIMENT BARRIERS DETAIL

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2025-26 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

Standard Plans for Bridge Construction are included in the Structures Plans Component

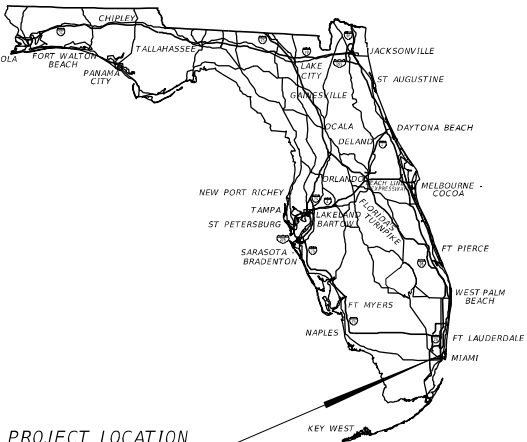
GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2025-26 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks> as amended by the Miami-Dade County Construction Specifications

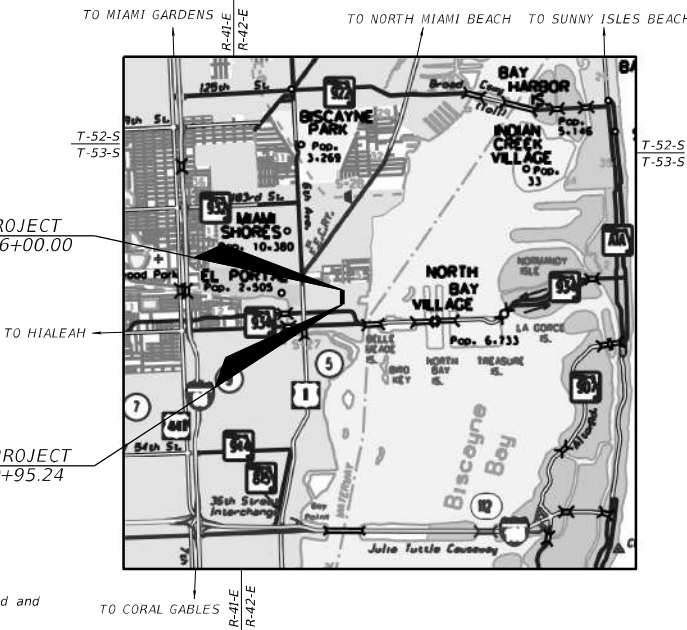
REVISIONS:

DTPW PROJECT NO. EDP-MT-20190196
Roadway Sheets 1, 2A, 3, & SO-8 (Revised 8-13-25)

KEY SHEET REVISIONS	
DATE	DESCRIPTION
8-13-25	Added Sheet Number 2A



PROJECT LOCATION
<https://goo.gl/maps/iLpAWNRX181vGbV6>



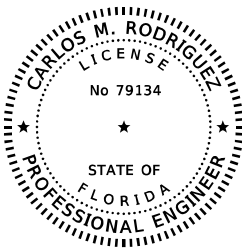
ROADWAY PLANS
ENGINEER OF RECORD:

CARLOS M. RODRIGUEZ, P.E.
P.E. LICENSE NUMBER 79134
ASA CONSULTANTS, INC.
510 SHOTGUN ROAD, SUITE 402
SUNRISE, FL 33326
754-216-2027
CONTRACT NO.: EDP-PSA-2017 R
VENDOR NO.: F465512620

MIAMI-DADE COUNTY
PROJECT MANAGER:

JACQUELINE ALCINA, P.E.

FISCAL YEAR	SHEET NO.
26	1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:
Carlos Rodriguez Date: 2025.08.14
15:48:00-04'00'
ON THE DATE ADJACENT TO THE SEAL
SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.
ASA CONSULTANTS, INC.
8935 NW 35th LANE, SUITE 200
DORAL, FL 33172
CARLOS M. RODRIGUEZ, P.E. NO. 79134

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 6IG15-23.004, F.A.C.
ROADWAY PLANS

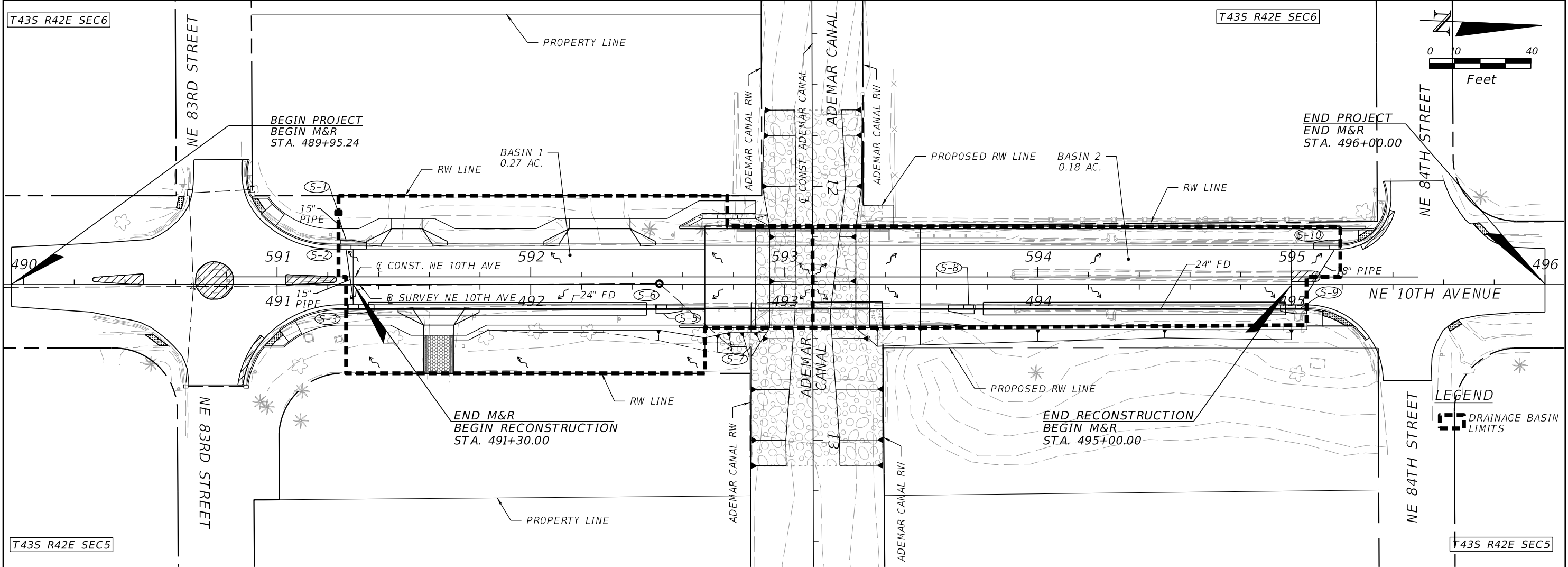
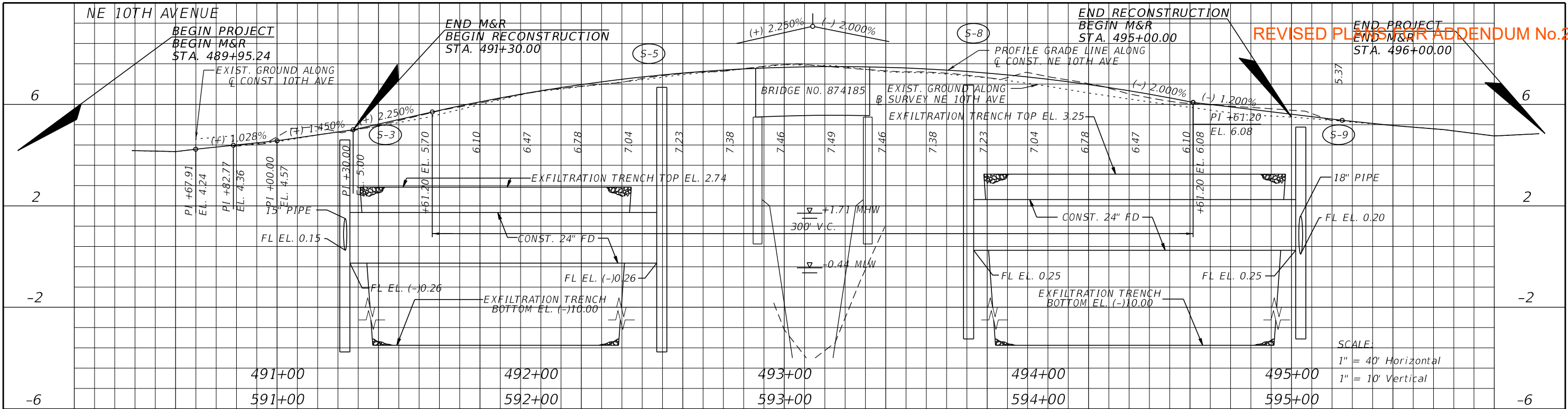
<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2A	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
SQ-8	SUMMARY OF QUANTITIES

REVISIONS				MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	PROJECT NUMBER		
8-13-25	△ SHEET ADDED			NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		2A

8/14/2025 3:43:41 PM				
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: EDP-MT-20190196				
LEAD PROJECT: EDP-MT-20190196		CITY: MIAMI		
PROJECT(S): EDP-MT-20190196		COUNTY: MIAMI-DADE		
ITEM NUMBER	ITEM DESCRIPTION	UNIT	EDP-MT-20190196	QUANTITY TOTAL
0110- 3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	(LS)	1,000	1,000
0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	72,400	72,400
0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	63,900	63,900
0400- 4- 47	CONCRETE CLASS IV, CAST IN PLACE TOPPING WITH SHRINKAGE REDUCING ADMIXTURE	CY	65,400	65,400
0400- 7- 1	BRIDGE DECK GROOVING	SY	136,000	136,000
0400- 148	PLAIN NEOPRENE BEARING PADS	LF	4,600	4,600
0415- 1- 4	REINFORCING STEEL- BRIDGE SUPERSTRUCTURE	LB	8711,000	8,711,000
0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	131,300,000	131,300,000
0415- 2- 4	STAINLESS REINFORCING STEEL- SUPERSTRUCTURE	LB	3282,000	3,282,000
0415- 2- 5	STAINLESS REINFORCING STEEL- SUBSTRUCTURE	LB	6565,000	6,565,000
0450- 8- 24	PRESTRESSED BEAM-FLORIDA SLAB BEAM, BEAM DEPTH 15" CARBON STEEL, WIDTH 58-60"	LF	350,000	350,000
0455- 113- 24	AUGER CAST PILE FOR BRIDGES, 24" DIAMETER	LF	693,000	693,000
0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&J POURED JOINT WITH BACKER ROD	LF	389,000	389,000
0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	170,000	170,000
0521- 5- 4	CONCRETE TRAFFIC RAILING, BRIDGE, 32" VERTICAL FACE	LF	170,000	170,000

8/14/2025 3:43:41 PM				
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: EDP-MT-20190196				
LEAD PROJECT: EDP-MT-20190196		CITY: MIAMI		
PROJECT(S): EDP-MT-20190196		COUNTY: MIAMI-DADE		
ITEM NUMBER	ITEM DESCRIPTION	UNIT	EDP-MT-20190196	QUANTITY TOTAL
0101- 1-A	MOBILIZATION (EDP-MT-20190196)	LS	1,000	1,000
0102- 1A	MAINTENANCE OF TRAFFIC (EDP-MT-20190196)	(LS)	1,000	1,000
0102- 60A	WORK ZONE SIGN	ED	30044,000	300,440,000
0102- 74- 1	BARRICADES (TEMPORARY, TYPE I, (I, VP & DRUMS)	ED	5138,000	513,800,000
0102- 74- 2	BARRICADES (TEMPORARY, TYPE III, (6)	ED	2702,000	2,702,000,000
0102- 91	PAVEMENT MARKING, TEMPORARY (SKIPLANT WIDTH)(YELLOW OR WHITE) (TAPE OR PAINT) (10' SQUARE, 30' SQUARE)	LF	64,000	64,000,000
0102- 91- 1	PAVEMENT MARKING, TEMPORARY (SOLID) (ANY WIDTH) (YELLOW OR WHITE) (TAPE OR PAINT)	LF	2370,000	2,370,000,000
0102- 99A	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	868,000	868,000,000
0104- 10 3	SEDIMENT BARRIER	LF	803,000	803,000,000
0104- 11A	FLOATING TURBIDITY BARRIER	LF	55,000	55,000,000
0104- 18	INLET PROTECTION SYSTEM	EA	4,000	4,000,000
0108- 1	INSPECTION & SETTLEMENT MONITORING (EDP-MT-20190196)	LS	1,000	1,000,000
0108- 2	VIBRATION MONITORING (EDP-MT-20190196)	LS	1,000	1,000,000
0110- 1- 1B	CLEARING AND GRUBBING (EDP-MT-20190196)	(LS)	1,000	1,000,000
0110- 4- 0-CD	REMOVAL AND DISPOSE OF EXISTING CURB & GUTTER	LF	661,000	661,000,000
0110- 22A	TREE ROOT AND BRANCH PRUNING	EA	4,000	4,000,000
0120- 1	REGULAR EXCAVATION	CY	411,300	411,300,000
0120- 4	REGULAR SUBSOIL EXCAVATION	CY	174,400	174,400,000
0120- 5	CHANNEL EXCAVATION	CY	794,900	794,900,000
0120- 6	EMBANKMENT	CY	118,400	118,400,000
0160- 4	TYPE B STABILIZATION	SY	845,000	845,000,000
0285-702	BASE, OPTIONAL, BASE GROUP 02	SY	36,000	36,000,000
0285-706	OPTIONAL BASE GROUP, BASE GROUP 06	SY	745,000	745,000,000
0327- 70- 4A	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	1044,000	1,044,000,000
0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG 76-22	TY	197,300	197,300,000
0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TY	107,900	107,900,000
0400- 4- 11	CONCRETE CLASS IV, RETAINING WALL	CY	67,200	67,200,000
0415- 1- 3	REINFORCING STEEL, RETAINING WALL	LB	5784,000	5,784,000,000
0425- 3	MANHOLE ADJUSTMENT	EA	3,000	3,000,000
0425-5 1	ADJUST MANHOLE (UTILITIES)	EA	2,000	2,000,000
0425-6	ADJUST EXISTING VALVE BOXES	EA	9,000	9,000,000
0425- 1- 351	INLETS, CURB, TYPE P-3, <10'	EA	4,000	4,000,000
0425- 1- 3520PT	INLETS, CURB, TYPE P-3, >10'	EA	2,000	2,000,000
0425- 1- 321A	INLETS, DT BOT, TYPE C<10'	EA	1,000	1,000,000
0430- 94- 1	DESILTING PIPE, 0 - 48"	LF	350,000	350,000,000
0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15'S/CD	LF	31,000	31,000,000
0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18'S/CD	LF	22,000	22,000,000
0443- 70- 4-3	FRENCH DRAIN, 24" DIAMETER PERFORATED PIPE, TRENCH DEPTH 15' BLS	LF	248,000	248,000,000
0460-5-1830	MANATEE GATE-(PIPE DIAMETER 18" TO 30" OR EQUIVALENT)	EA	1,000	1,000,000
0515- 2311	PEDESTRIAN/BICYCLE RAILING, ALUMINUM ONLY, 42" TYPE 1	LF	146,300	146,300,000
0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	166,000	166,000,000
0520- 1-108	CONCRETE CURB & GUTTER, TYPE F	LF	787,000	787,000,000
0521- 5- 4	CONCRETE TRAFFIC RAILING, 32" VERTICAL FACE	LF	166,000	166,000,000
0521- 72- 100	SHOULDER CONCRETE BARRIER WALL, SPECIAL DESIGN	LF	40,000	40,000,000
0522- 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	405,000	405,000,000
0522- 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	138,000	138,000,000
0526- 1- 2C	CONCRETE PAVERS, SIDEWALKS	SY	18,000	18,000,000
0526- 2	DETECTABLE MARKINGS	SY	112,000	112,000,000
0530- 1	RIPRAP (SAND CEMENT)	CY	66,000	66,000,000
0530- 3- 3	RIPRAP- RUBBLE BANK AND SHORE	TY	135,500	135,500,000
0530- 74A	BEDDING STONE	TY	481,700	481,700,000
0536- 73B	GUARDRAIL REMOVAL	LF	69,000	69,000,000
0575- 1- 1	SODDING (PENSACOLIA BAMIA OR MATCH EXISTING)(INCLUDES WATERING)	SY	863,000	863,000,000
0580- 3	TREE PROTECTION BARRICADES	LF	120,000	120,000,000

REVISIONS				MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	PROJECT NUMBER	
8-13-25	△ ADDED PAY ITEM AND QUANTITIES			NE 10 AVE	MIAMI-DADE	EDP-MT-20190196	3



REVISIONS				RIBBECK ENGINEERING, INC.			MIAMI-DADE COUNTY			DRAINAGE MAP	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION	14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592			ROAD NO.	COUNTY	PROJECT NO.		
				CARLOS F. RIBBECK, P.E. LICENSE NO. 50543			NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

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

TRAFFIC DATA
REVISED PLANS FOR ADDENDUM No.2

CURRENT YEAR = 2024 AADT = 13200
K = 9% D = 63.1% T = 3.2% (24 HOUR)
DESIGN HOUR T =1.6%
DESIGN SPEED = 40 MPH
POSTED SPEED = 30 MPH

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (3")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2"),
AND FRICTION COURSE FC-9.5 (1") (PG 76-22)

MINOR WIDENING

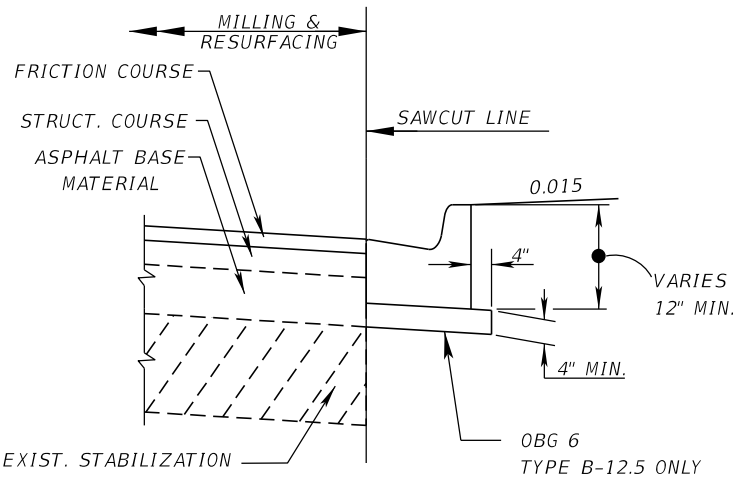
OPTIONAL BASE GROUP 6 (TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
AND FRICTION COURSE FC-9.5 (1") (PG 76-22)

DRIVEWAY RECONSTRUCTION

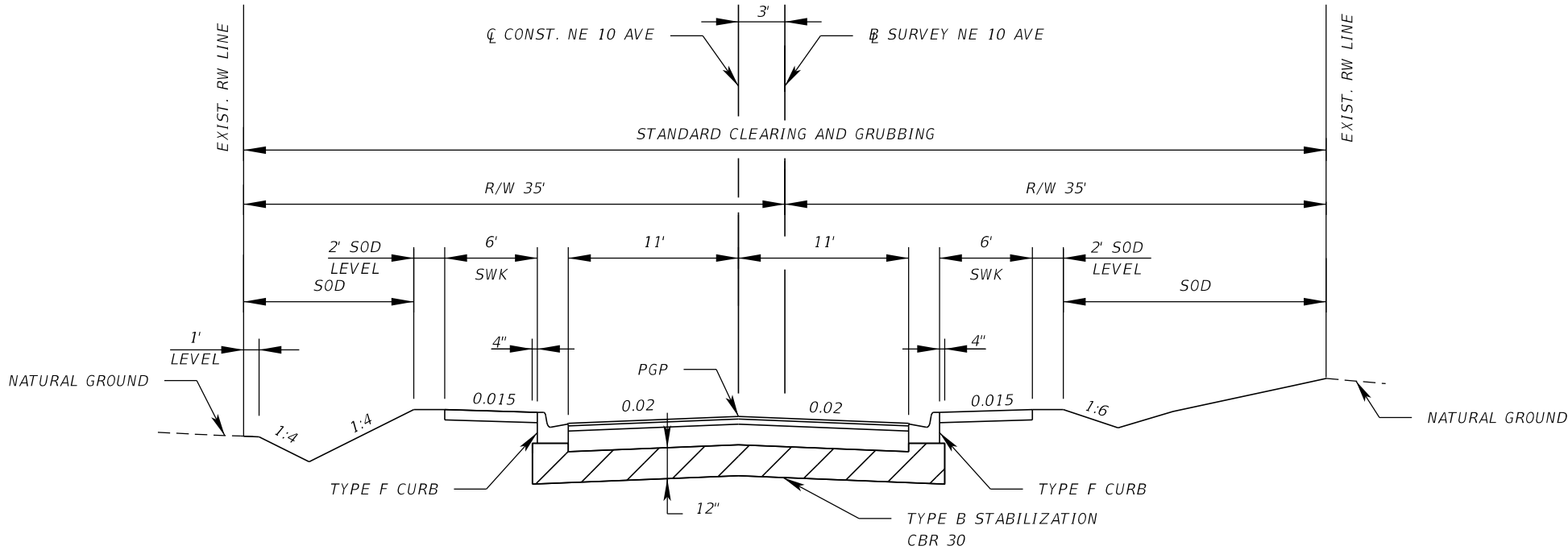
OPTIONAL BASE GROUP 2 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1½")

NEW CONSTRUCTION

OPTIONAL BASE GROUP 6 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
AND FRICTION COURSE FC-9.5 (1") (PG 76-22)

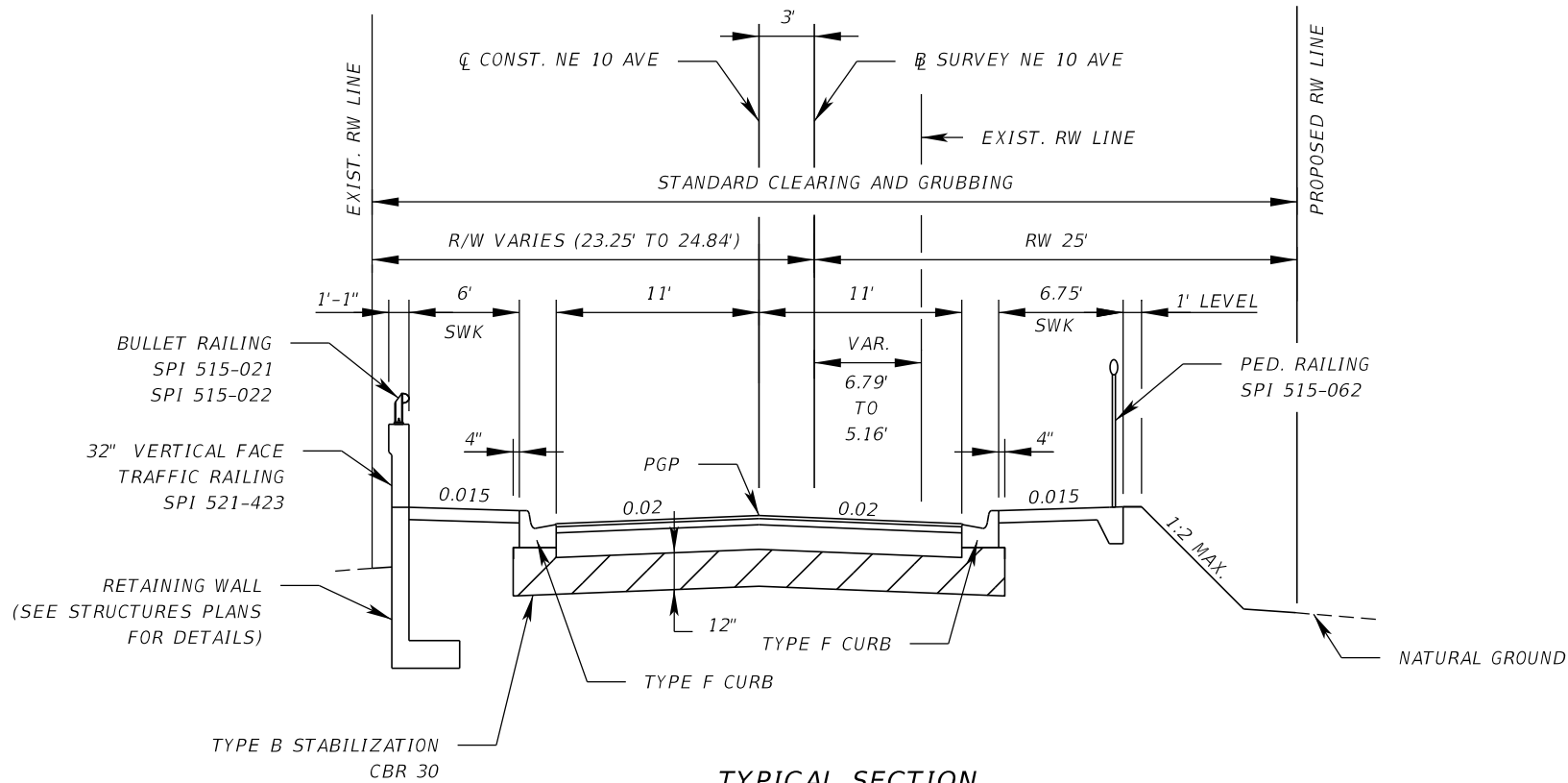


DETAIL OF ASPHALT BASE CURB PAD



TYPICAL SECTION
NE 10TH AVE
STA. 489+95.24 TO STA. 492+88.70 (B SURVEY) *

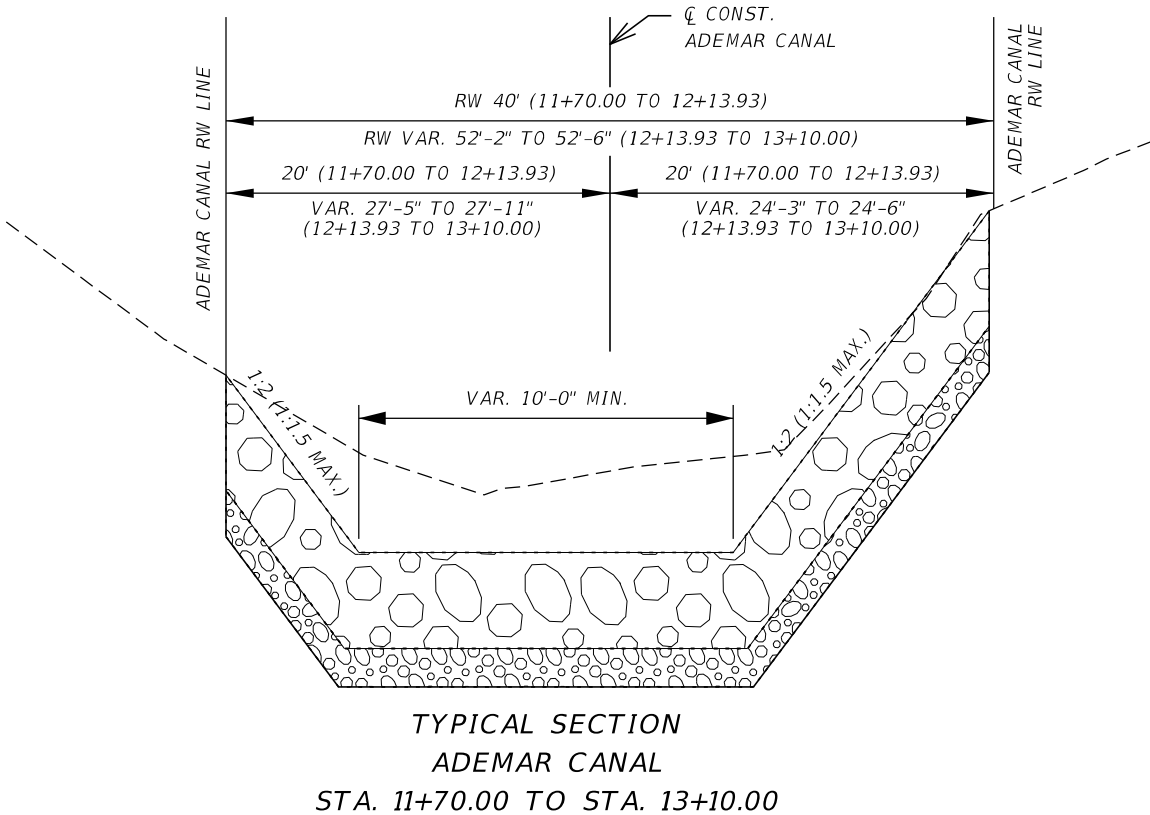
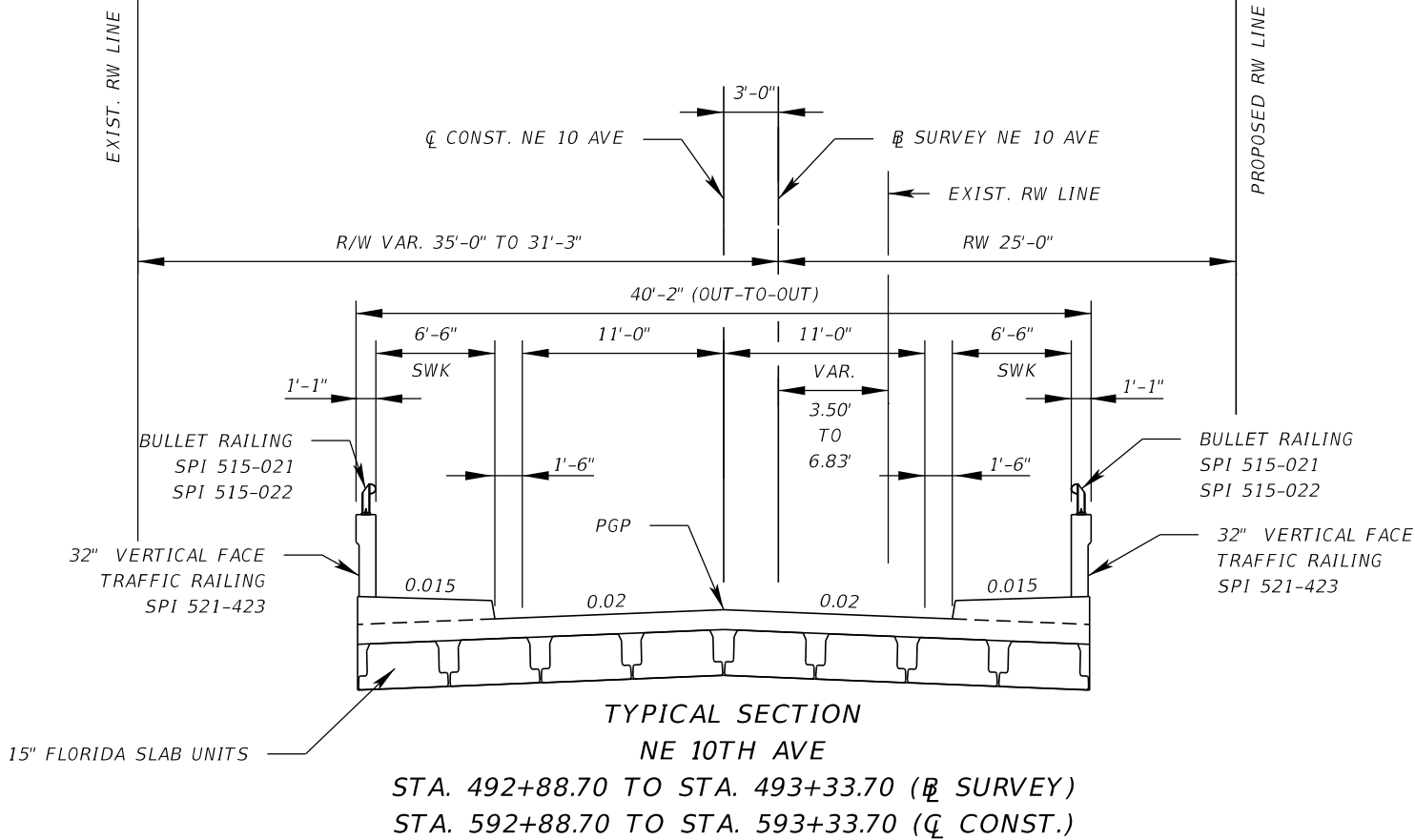
* NOTE: MILLING AND RESURFACING FROM
STATION 489+95.24 TO 491+30.00
ALONG WITH NEW CURB CONSTRUCTION.



TYPICAL SECTION
NE 10TH AVE
STA. 493+33.70 TO STA. 496+00.00 (B SURVEY) **

** NOTE: MILLING AND RESURFACING FROM
STATION 495+00 TO 496+00 ALONG
WITH NEW CURB CONSTRUCTION.

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		5



REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		6

STRUCT. NO.		SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-1, S-2, S-3		15" ROUND	(HDPE) HIGH DENSITY POLYETHYLENE, CL II			
			(PP) POLYPROPYLENE	X		
			(PVC) POLYVINIL CHLORIDE, ASTM F-949			
			(SRAP) ALUMINUM-SPIRAL RIB, 14GA.			
S-9, S-10		18" ROUND	(HDPE) HIGH DENSITY POLYETHYLENE, CL II			
			(PP) POLYPROPYLENE	X		
			(PVC) POLYVINIL CHLORIDE, ASTM F-949			
			(SRAP) ALUMINUM-SPIRAL RIB, 14GA.			
S-3, S-5, S-8, S-9		24" ROUND	(HDPE) HIGH DENSITY POLYETHYLENE, CL II			
			(PP) POLYPROPYLENE	X		
			(PVC) POLYVINIL CHLORIDE, ASTM F-949			
			(SRAP) ALUMINUM-SPIRAL RIB, 14GA.			

REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OPTIONAL MATERIALS TABULATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		8
					CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	NE 10 AVE	MIAMI-DADE	EDP-MT-20190196	

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

REVISED PLANS FOR ADDENDUM No.2

PROJECT CONTROL POINTS

REVISED PLANS FOR ADDENDUM No.2

N.G.V.D. 29

B OF SURVEY
NORTHEAST 10TH AVENUE
FROM NE 83RD STREET TO NE 84TH STREET
SECTIONS 7 & 8, TOWNSHIP 53 SOUTH, RANGE 42 EAST.

HORIZONTAL AND VERTICAL CONTROL

POINT NAME	(X) EASTING	(Y) NORTHING	SCALE FACTOR	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
CP501	926967.020	553150.890	1.00002526	N25°51'11.19"	W80°10'35.62"	495+33.81	23.04' RT	4.82	SET P.K. NAIL STAMPED "CP501"
CP502	926942.240	553131.730	1.00002525	N25°51'11.00"	W80°10'35.89"	495+15.73	2.55' RT	5.33	SET P.K. NAIL STAMPED "CP502"
CP503	926924.990	553164.030	1.00002524	N25°51'11.32"	W80°10'36.07"	495+48.74	18.39' LT	5.09	SET P.K. NAIL & WASHER STAMPED "CP503"
CP504	926940.080	553198.980	1.00002525	N25°51'11.67"	W80°10'35.91"	495+83.01	1.82' LT	4.72	SET P.K. NAIL & WASHER STAMPED "CP504"
CP534	926939.320	552709.340	1.00002525	N25°51'06.82"	W80°10'35.95"	490+93.85	23.61' LT	3.67	SET P.K. NAIL & WASHER STAMPED "CP534"
CP535	926989.650	552682.970	1.00002528	N25°51'06.55"	W80°10'35.40"	490+65.34	25.54' RT	3.74	SET P.K NAIL & WASHER STAMPED "CP535"
CP800	926933.740	552936.650	1.00002526	N25°51'09.07"	W80°10'35.99"	493+11.39	8.53' LT	7.85	SET P.K. NAIL & WASHER STAMPED "CP800"
CP801	926933.740	552936.650	1.00002524	N25°51'09.07"	W80°10'35.99"	493+21.19	19.42' LT	7.67	SET P.K. NAIL & WASHER STAMPED "CP801"

LEGEND

= BASELINE

= CENTERLINE

= FLORIDA DEPARTMENT OF TRANSPORTATION

= STATE ROAD

= RIGHT OF WAY

= RIGHT

= LEFT

= BRASS DISC

= P.K. NAIL & WASHER

= IRON ROD

= DELTA

= DEGREE OF CURVE

= TANGENT

= ARC LENGTH

= RADIUS

= POINT OF INTERSECTION

= POINT OF CURVATURE

= POINT OF COMPOUND CURVATURE

= POINT OF REVERSE CURVATURE

= POINT ON CURVE

= POINT OF TANGENCY

= POINT ON TANGENT

= NORTH AMERICAN VERTICAL DATUM

= STATION

= SECTION

= NON TANGENT

SURVEYOR'S NOTES:

1. BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATES, FLORIDA EAST ZONE, NORTH AMERICAN DATUM (NAD) OF 1983/90 ADJUSTMENT OF 1990.

2. VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM 1929 (N.G.V.D. 1929)

3. BASELINE ALIGNMENT AND STATIONINGS WERE PERFORMED BY HADONNE CORP.

4. PROJECT UNITS: U.S. SURVEY FEET

5. THE BASELINE WAS NOT SET IN THE FIELD DUE TO TRAFFIC CONDITIONS.

LIMITS: ALONG NE 10TH AVENUE, FROM NE 83RD STREET TO NE 84TH STREET

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		9
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

rburgess

5/1/2025 10:29:11 AM Default

H:\Miami-Dade County(EDP)\NE 10 Ave Bridge Replacement\03 CADD\EDP-MT-20190196\survey\CTLSRD01.dgn

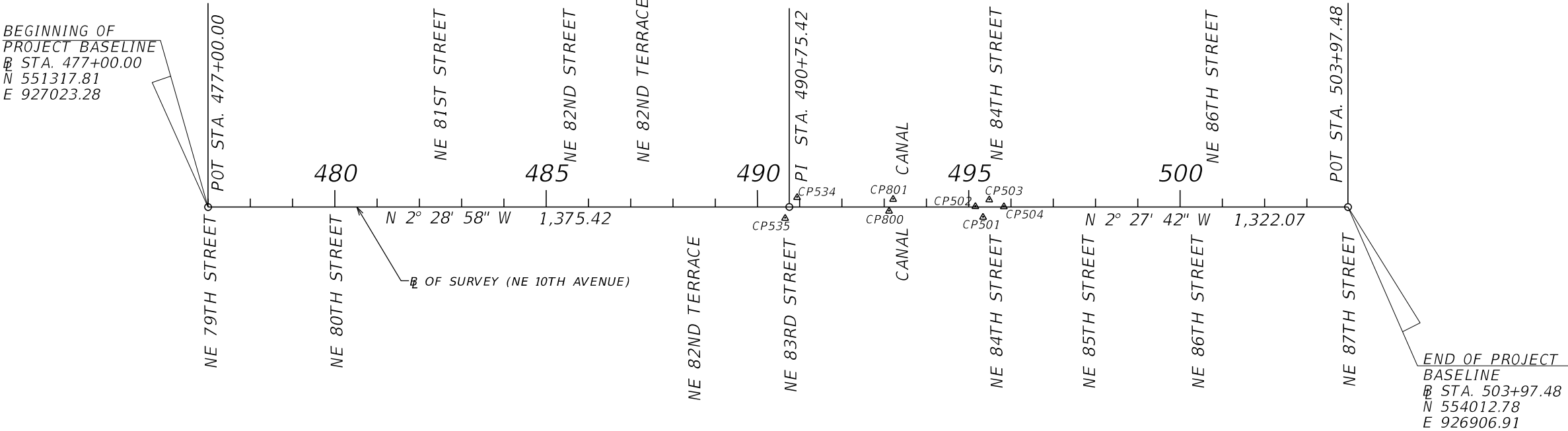
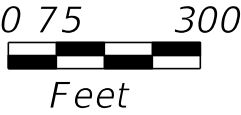
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PROJECT CONTROL POINTS

B OF SURVEY
NORTHEAST 10TH AVENUE
FROM NE 83RD STREET TO NE 84TH STREET
SECTIONS 7 & 8, TOWNSHIP 53 SOUTH, RANGE 42 EAST.

REVISED PLANS FOR ADDENDUM No.2

N.G.V.D. 29



REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		
									10

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

GENERAL NOTES:

1.

BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).
2.

ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

ABRAHAM HADAD, P.S.M.
P.S.M. NO.: 6006
HADONNE CORPORATION
1985 NW 88TH CT, SUITE 101
DORAL, FLORIDA 33172
3.

THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
4.

UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
AT&T DISTRIBUTION	JOSUE OCANDO	(954) 308-3636
COMCAST	THORNTON SZYNKARSKI	(754) 221-2298
CROWN CASTLE	DANNY HASKET	(786) 610-7073
FLORIDA POWER & LIGHT	MICHAEL VILLEGAS	(305) 442-5128
HOTWIRE COMMUNICATIONS	WALTER SANCHE-DAVILA	(954) 699-0900
LUMEN (CENTURY LINK)	FRANCISCO AZURI	(318) 388-9000
MIAMI-DADE COUNTY IT DEPARTMENT	FRANK DOPICO	(305) 275-7813
MIAMI-DADE COUNTY PUBLIC WORKS AND TRAFFIC	OCTAVIO VIDAL	(305) 412-0891 EXT. 201
MIAMI-DADE COUNTY WATER AND SEWER	PATRICK CHONG	(786) 552-4416
TECO GAS	DAVID RIVERA	(954) 453-0794
VERIZON (MCI)	ROBERT VILLANUEVA	(786) 999-2140
5.

MILLING DEPTH IS BASED ON THE EXPECTED THICKNESS OF THE EXISTING STRUCTURAL COURSE. IN THE EVENT THAT THE EXISTING BASE IS EXPOSED DURING MILLING OPERATIONS, THE MILLING DEPTH MAY BE ADJUSTED BY THE ENGINEER. BASE EXPOSED DURING MILLING OPERATIONS IS TO BE TREATED AS PREVIOUSLY PREPARED BASE PER STANDARD SPECIFICATION 300, WITH ANY PRIME OR TACK COATS USED TO BE INCLUDED IN THE COST OF THE STRUCTURAL COURSE.
6.

DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM THE LATEST MDC ARTICLE 527 LIST.
7.

ALL SALVAGEABLE MATERIALS THAT ARE REMOVED MUST BE DELIVERED AND UNLOADED AT THE MIAMI-DADE ROAD, BRIDGE AND CANAL MAINTENANCE DIVISION AT 9301 NW 58 STREET MIAMI, FLORIDA. 33178, TELEPHONE NUMBER: (305) 592-3116.
8.

COST OF THE FLEXIBLE UV RESISTANT PVC JOINTING SYSTEM IS INCLUDED IN THE COST OF THE SIDEWALK. REFER TO THE TREE PRESERVATION DETAILS SHEET FOR ADDITIONAL DETAILS.
9.

NOTIFY CITY OF MIAMI TWO WEEKS PRIOR TO COMMENCING CANAL IMPROVEMENTS.
10.

EXISTING TREES ARE TO REMAIN UNLESS NOTED OTHERWISE ON THE PLANS. SEE TREE DISPOSITION FOR ADDITIONAL INFORMATION.
11.

MATCH THE SURROUNDING SOD SPECIES WHEN ABUTTING TO PROPERTIES WITH ESTABLISHED TURF.
12.

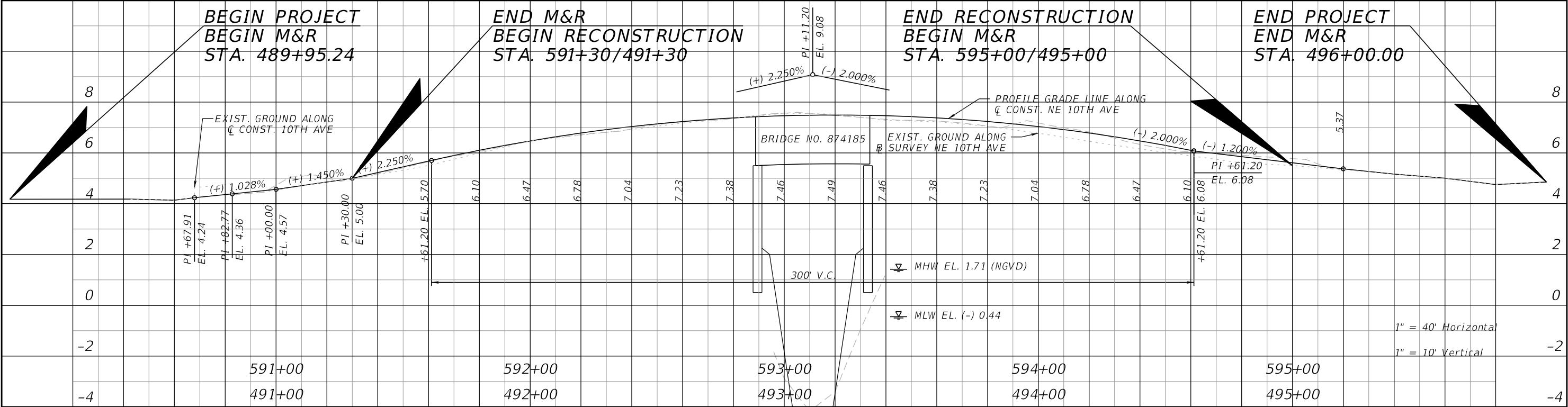
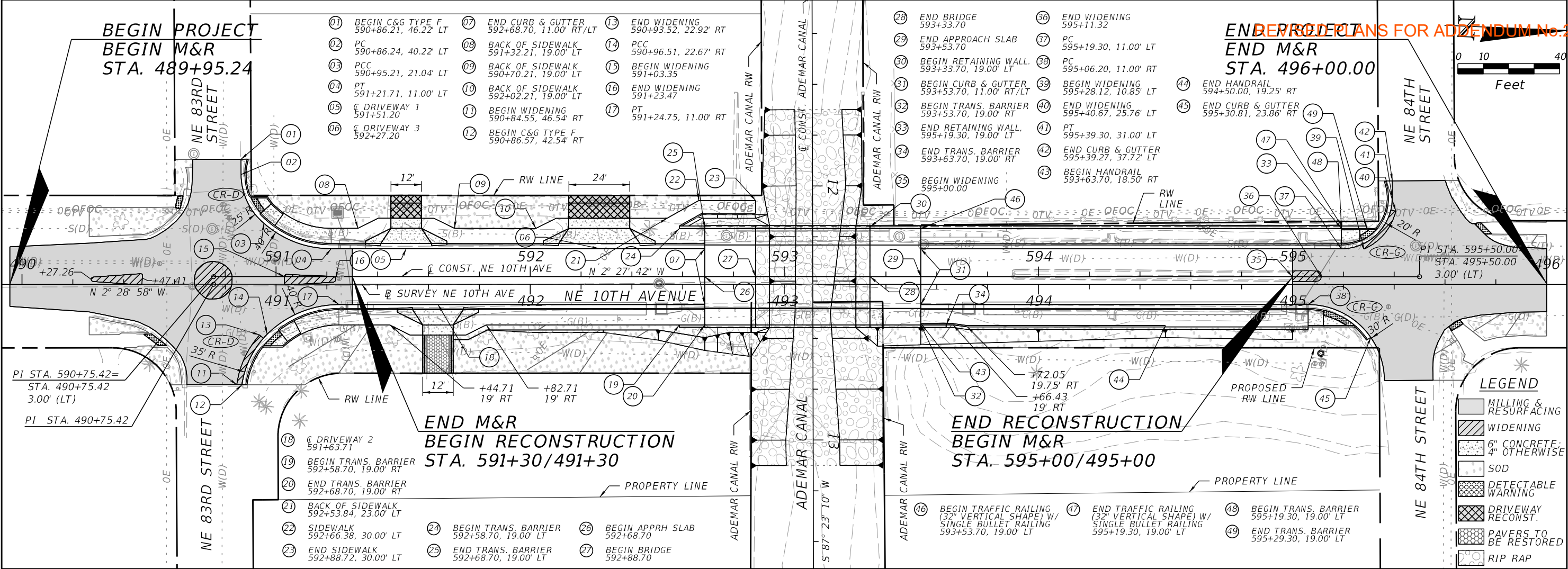
EXISTING PAVERS AT DRIVEWAY 2 MAY BE STOCKPILED AND REUSED AT THE DISCRETION OF THE ENGINEER.
13.

THE FOLLOWING PERMITS WERE OBTAINED FOR THIS PROJECT. REVIEW, FAMILIARIZE, AND COMPLY WITH THE PROVISIONS/REQUIREMENTS CONTAINED IN THESE PERMITS:

DERM- CLASS 1 PERMIT
DERM- CLASS 5 (ONLY IF DEWATERRING IS DETERMINED TO BE NEEDED; RESPONSIBILITY OF THE CONTRACTOR)
DERM- TREE REMOVAL PERMIT
FDEP- TITLE DETERMINATION
SFWMD- ENVIROMENTAL RESOURCE PERMIT
USACOE - LETTER OF PERMISSION
CITY OF MIAMI- CERTIFICATE TO DIG

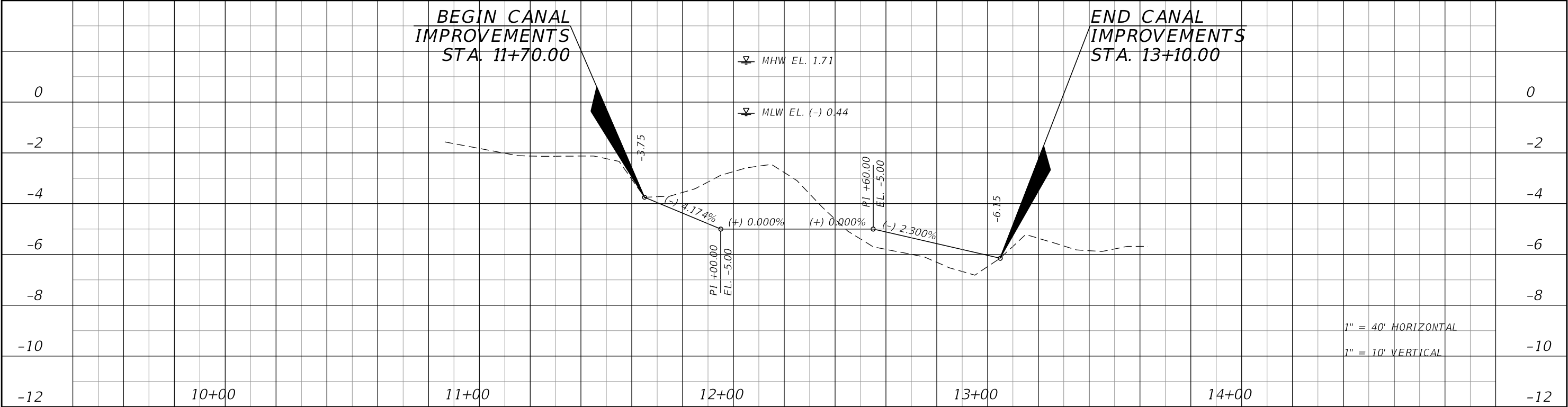
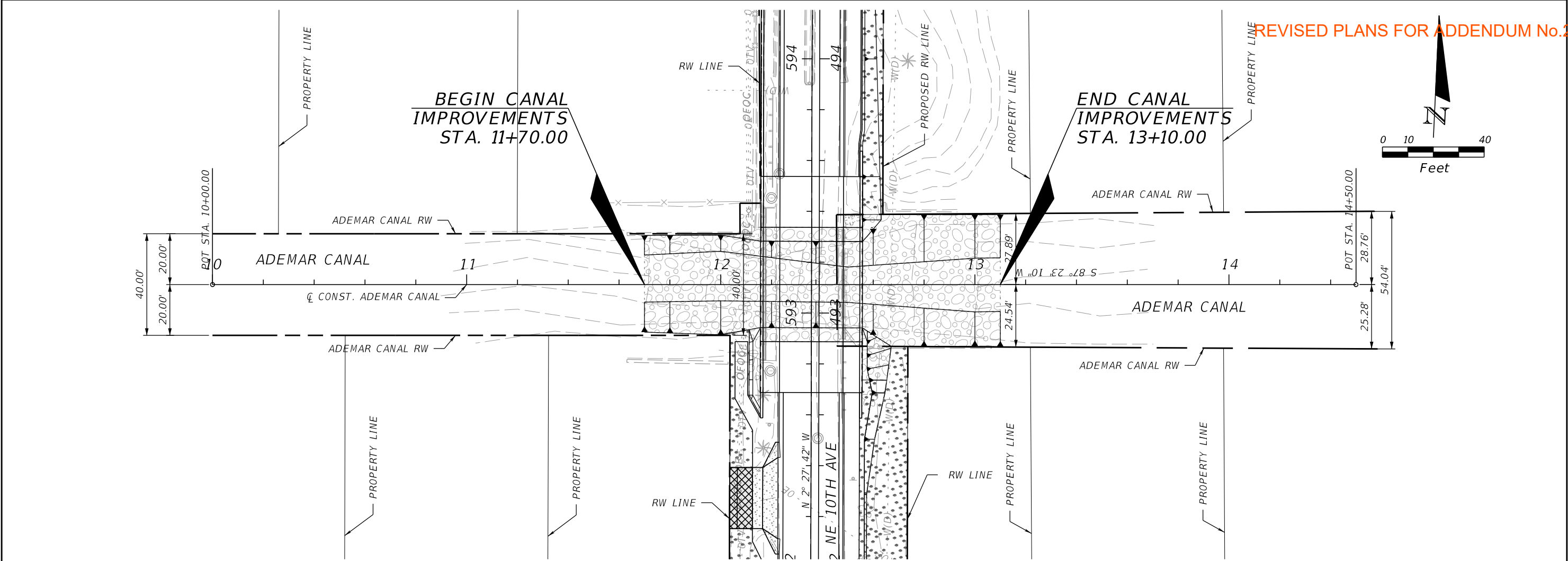
REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		
									11

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



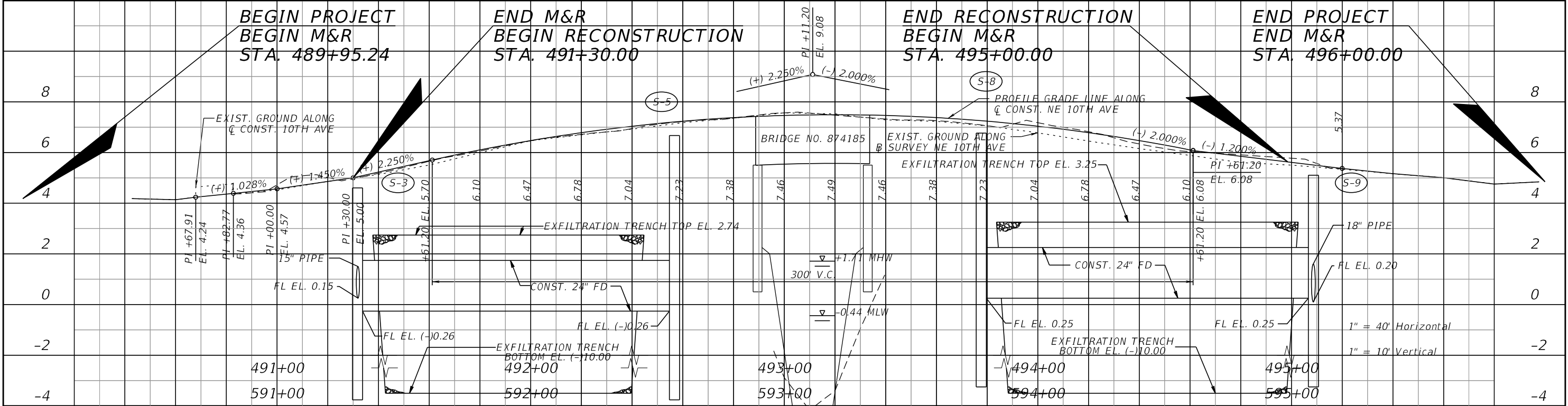
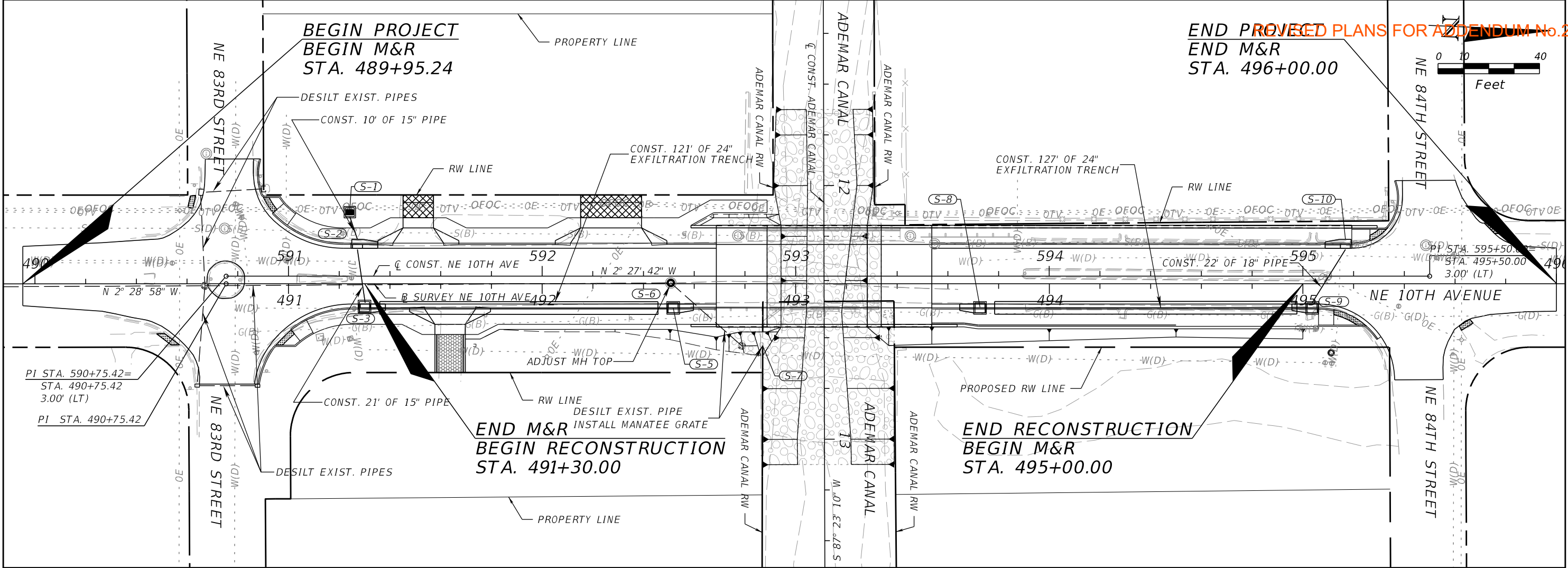
REVISIONS				ASA CONSULTANTS, INC 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			ROADWAY PLAN-PROFILES	SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

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



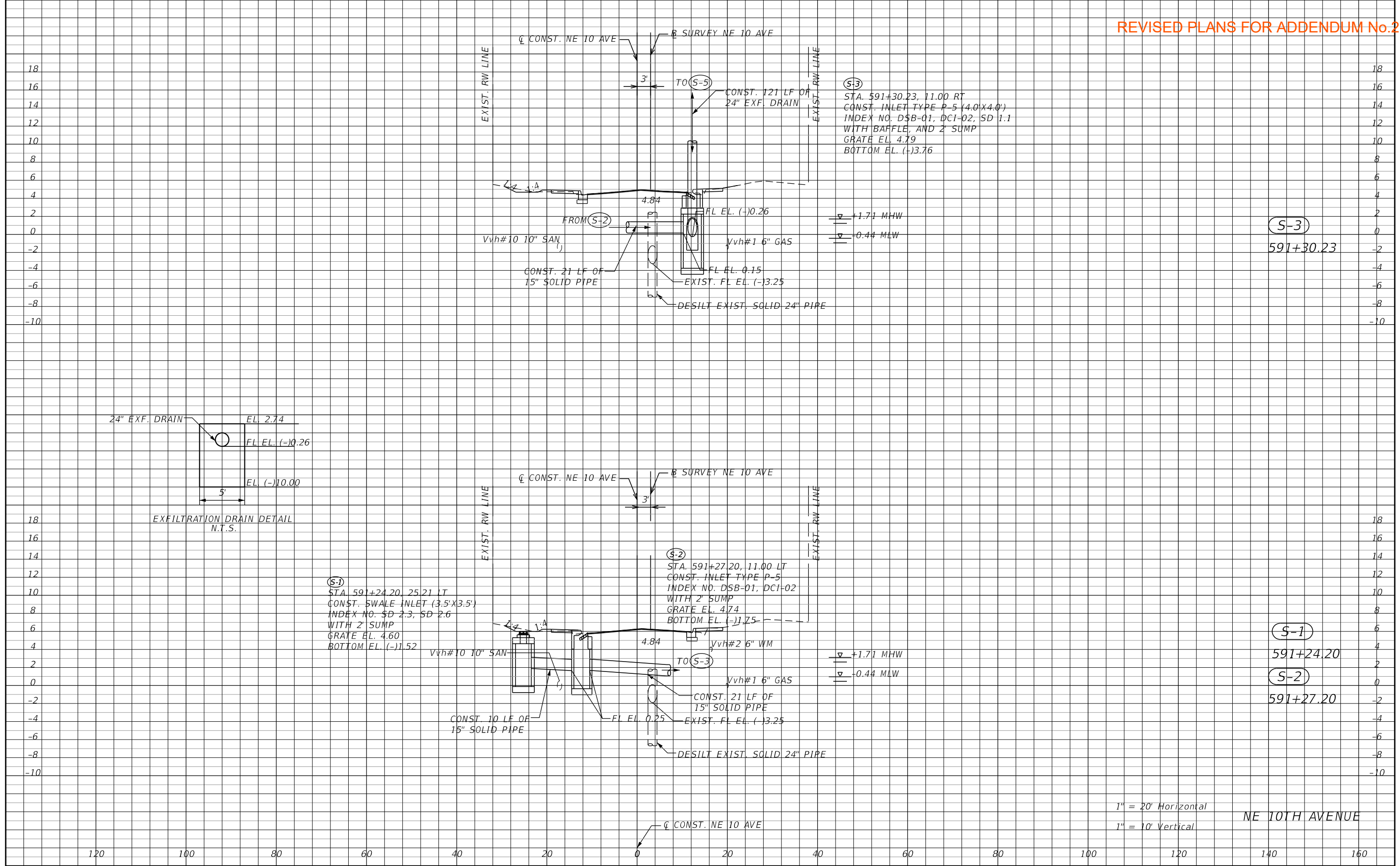
REVISIONS				ASA CONSULTANTS, INC 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			ROADWAY PLAN-PROFILES		SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER			
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196			

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



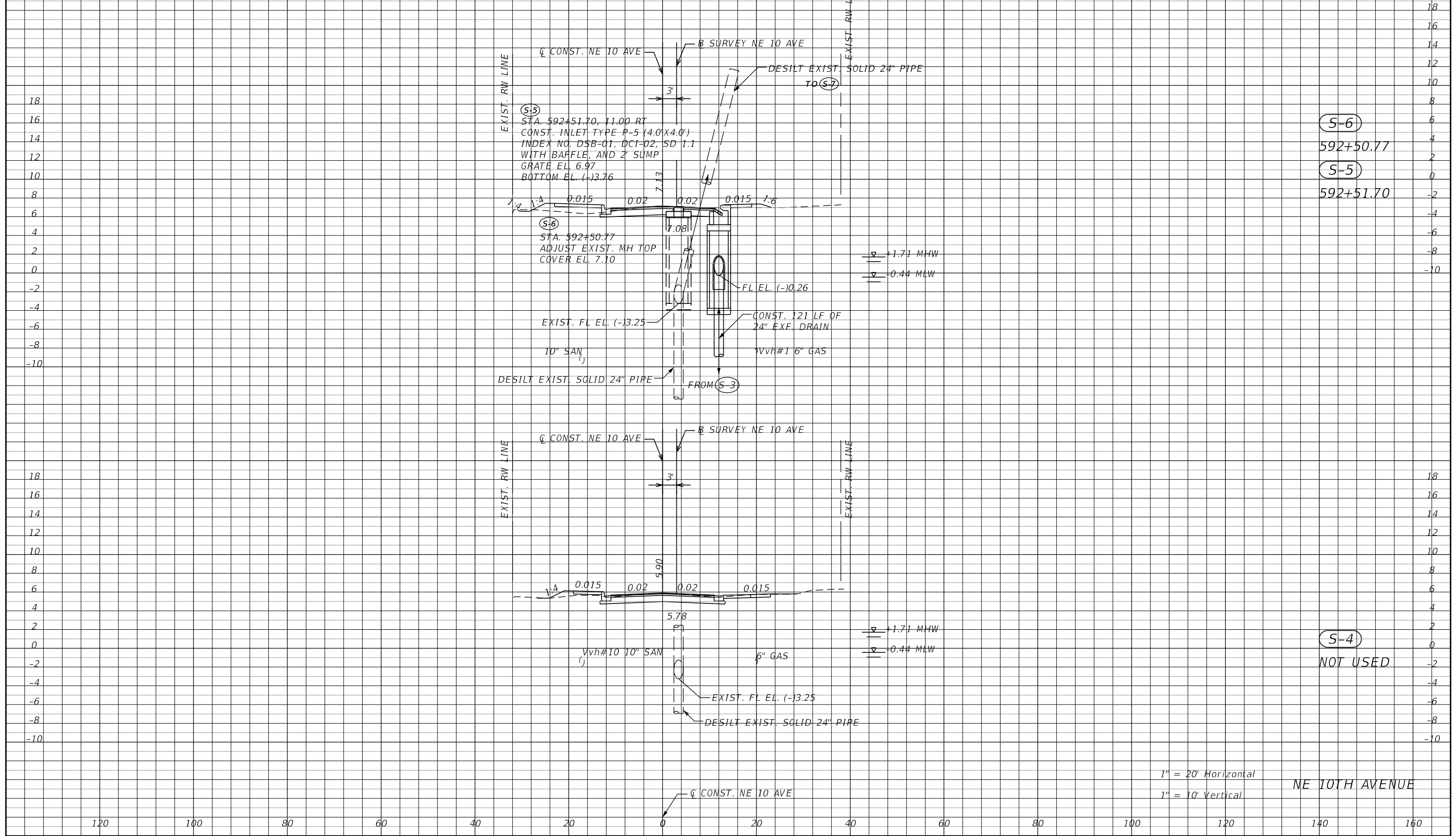
REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			DRAINAGE PLAN-PROFILES	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

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

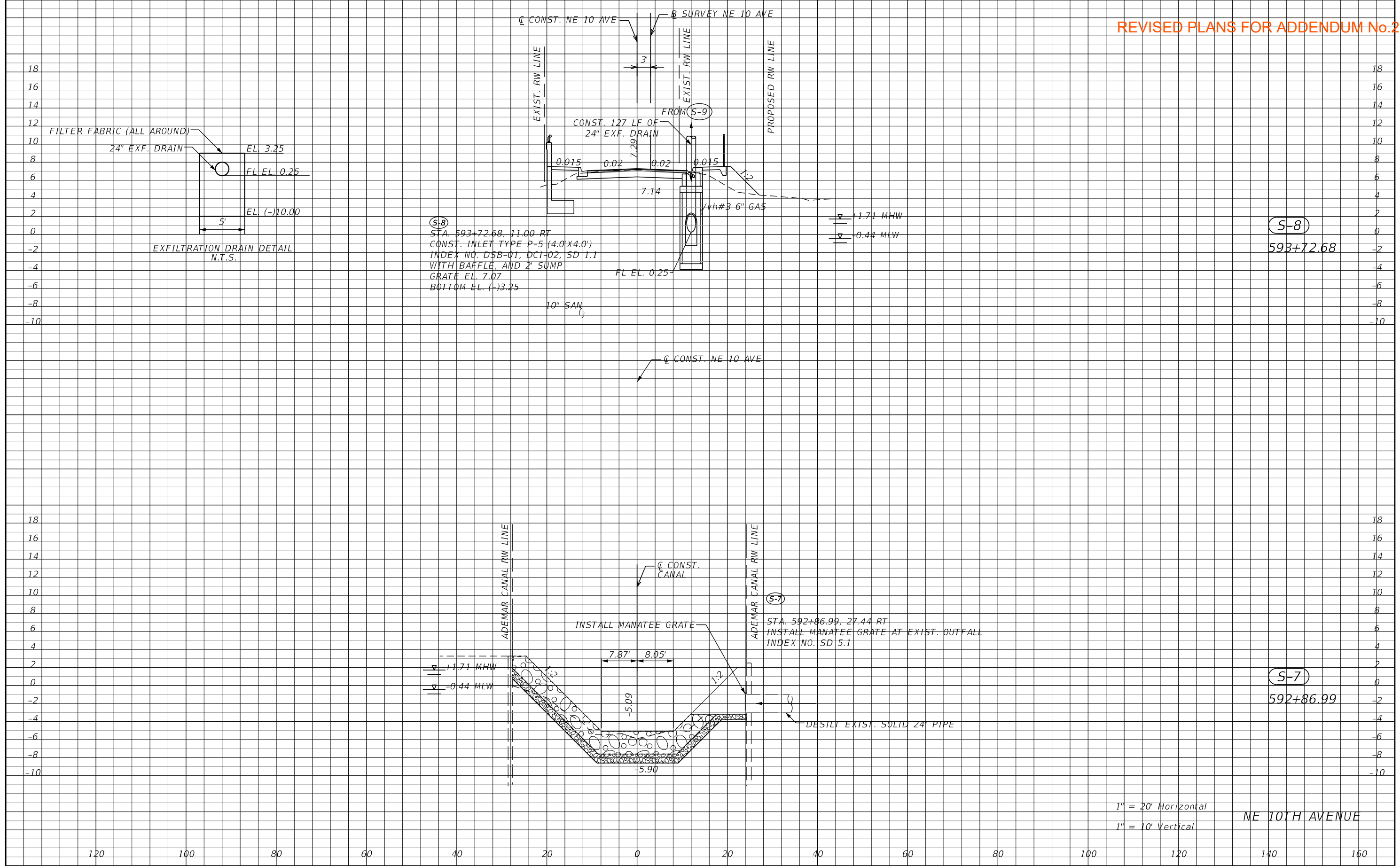


REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			DRAINAGE STRUCTURES	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

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

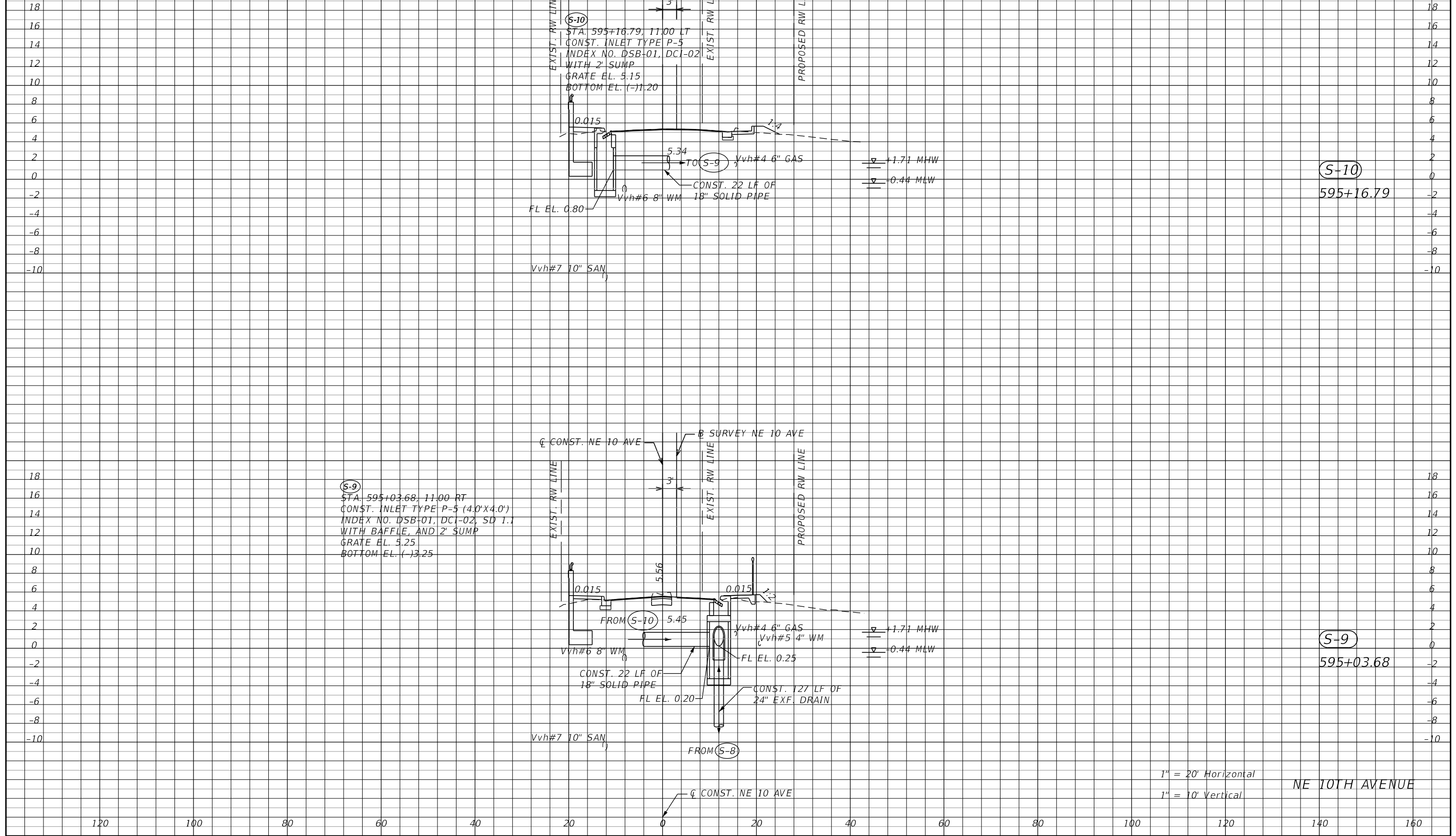


REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			DRAINAGE STRUCTURES	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		



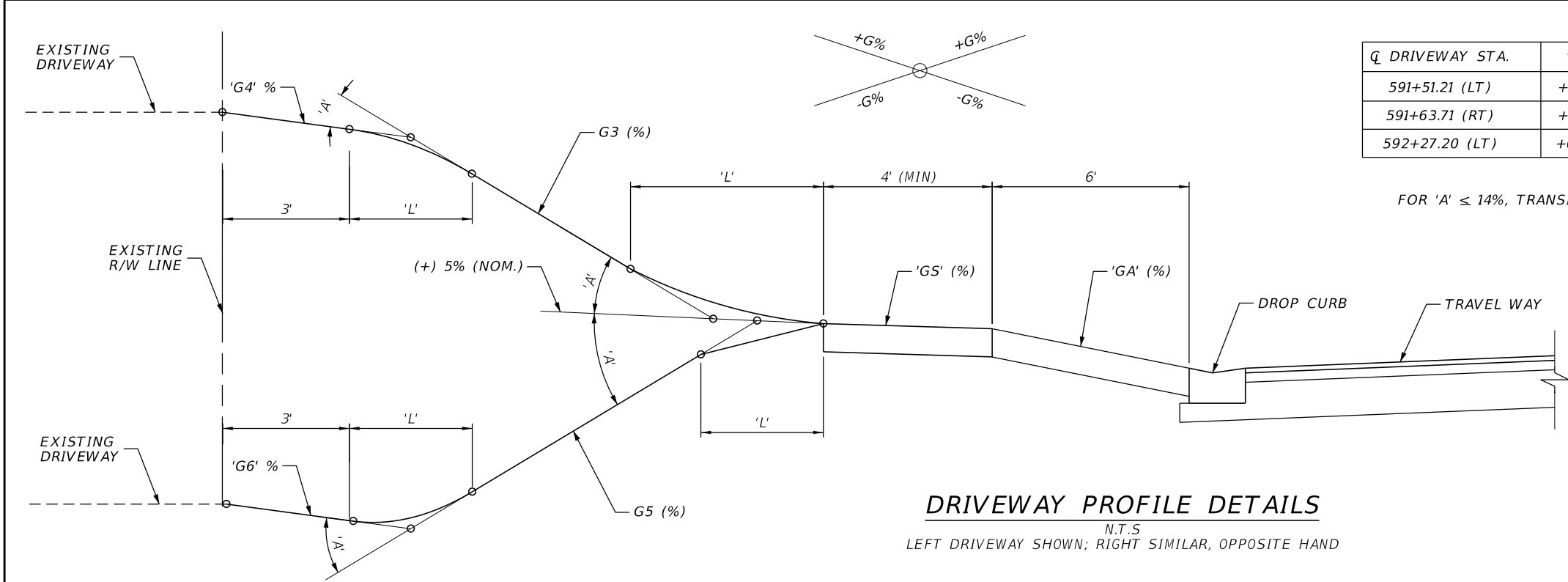
REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			DRAINAGE STRUCTURES	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

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

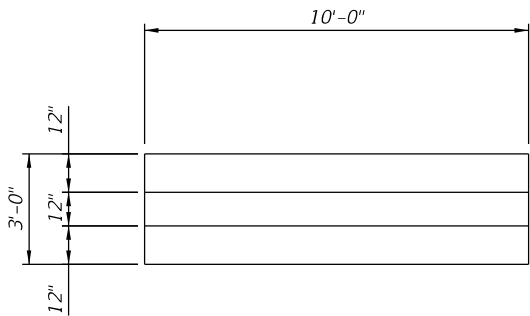


REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			DRAINAGE STRUCTURES	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

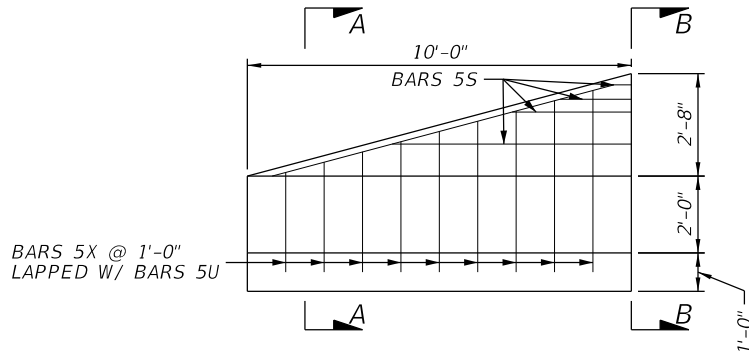
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



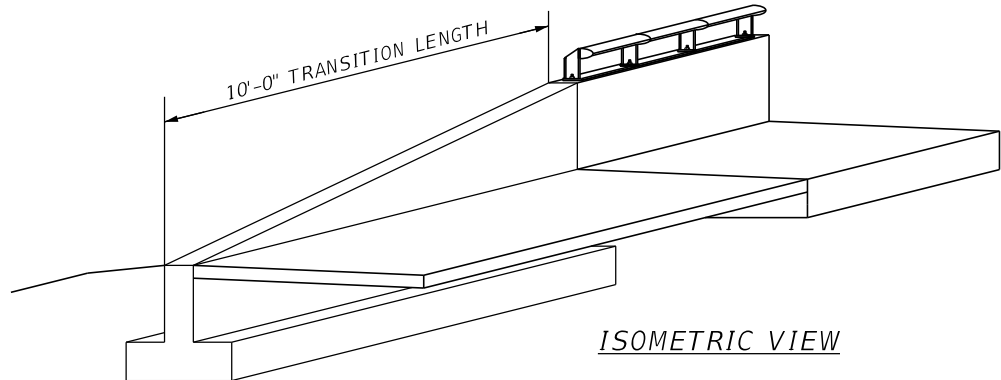
DRIVEWAY PROFILE DETAILS
N.T.S
LEFT DRIVEWAY SHOWN; RIGHT SIMILAR, OPPOSITE HAND



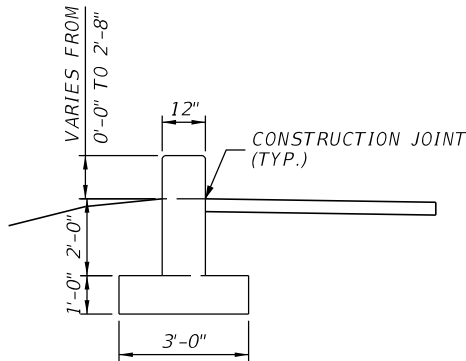
PLAN VIEW



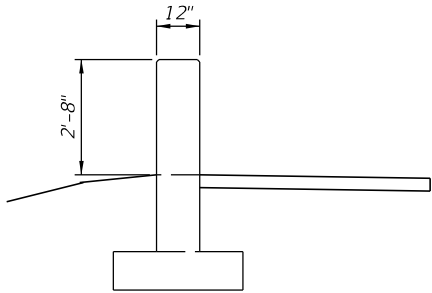
PROFILE VIEW



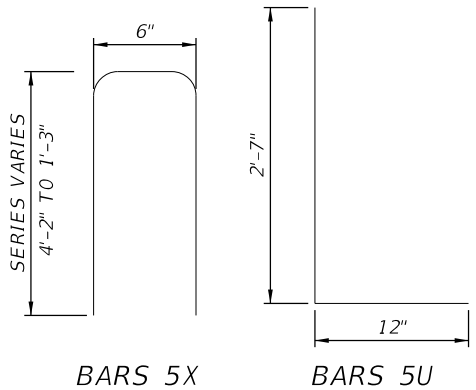
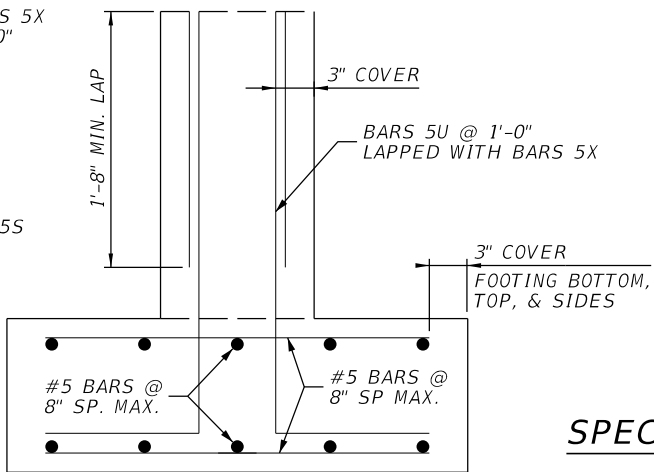
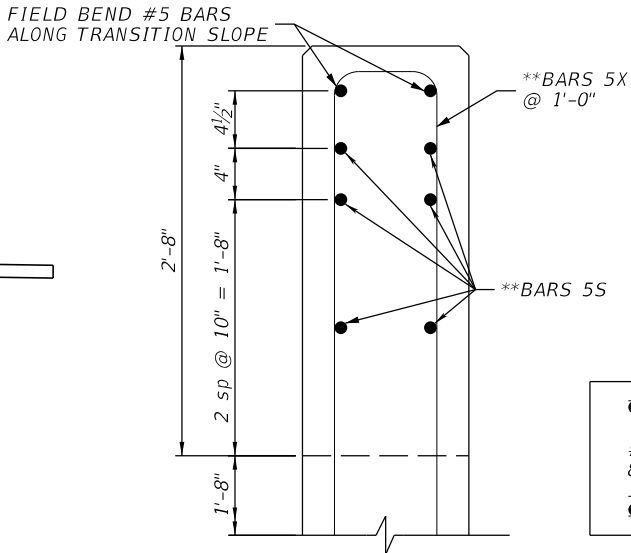
ISOMETRIC VIEW



SECTION A-A

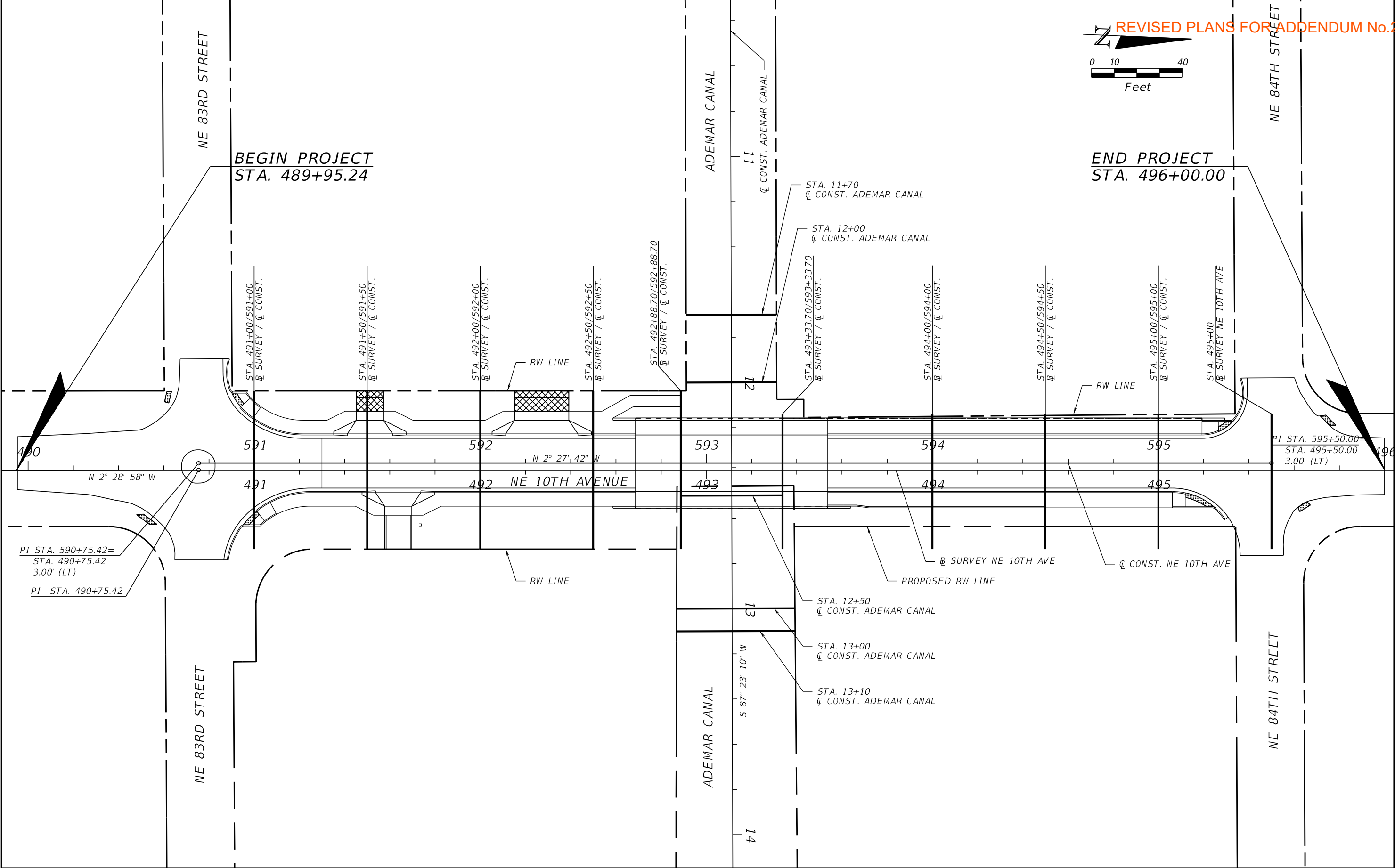
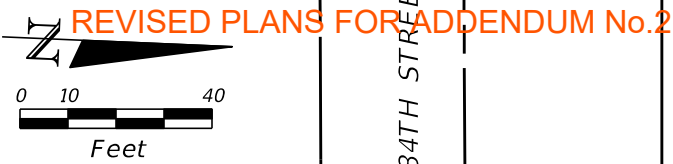


SECTION B-B



SPECIAL TRANSITION BARRIER DETAILS
N.T.S
LEFT BARRIER SHOWN; RIGHT SIMILAR, OPPOSITE HAND

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER	
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196	



REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			CROSS SECTION PATTERNS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		20

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

DATE OF SURVEY: MAY,2020

SURVEY MADE BY: TIERRA SOUTH FLORIDA, INC.

SUBMITTED BY: TIERRA SOUTH FLORIDA, INC.

MIAMI-DADE

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

REVISIED PLANS FOR ADDENDUM No.2

DISTRICT:

ROAD NO.: NE 10TH AVE

COUNTY: MIAMI-DADE

MIAMI-DADE PROJECT NO: EDP-MT-20190196

PROJECT NAME: NE 10 AVENUE BRIDGE 874178

OVER INLET CANAL D/W.NE 83 ST. AND 85 ST. REPLACEMENT

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA.: 490+75

SURVEY ENDS STA.: 495+40

REFERENCE: NE 10AVE.

ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS % PASS						ATTERBERG LIMITS (%)				CORROSION TEST RESULTS						
STRATUM NO.	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohms-cm	CHLORIDE ppm	SULFATES ppm	pH
1	-	-	-	-	-	-	-	-	-	-	-	-	-	A-8	TOPSOIL	-	-	-	-	-
1A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ASPHALT	-	-	-	-	-
2	-	-	1	9	1	53	43	33	22	16	1	NP	NP	A-1-b	LIGHT BROWN SANDY LIMEROCK (FILL)	-	-	-	-	-
3	1	2.3	1	33	1	100	84	51	17	1	-	-	-	A-3	BROWN TO DARK BROWN SAND TO SLIGHTLY SILTY SAND OCCASSIONALLY TRACE LIMEROCK / LIMESTONE	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	A-2-4	LIGHT BROWN SILTY LIMEROCK (FILL)	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT BROWN SANDY LIMESTONE	-	-	-	-	-
															WATER SAMPLE (FROM INLET CANAL)	1	80	2500	1260	7.8

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

▽ - WATER TABLE ENCOUNTERED

GNE - GROUNDWATER NOT ENCOUNTERED

NP- NON PLASTIC

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTING LINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORING SHOULD BE ANTICIPATED AS INDICATED IN STANTRARD SPECIFIFCATIONS SECTION 2-4. FOR FURTHER DETAILS SEE SECTION 120-3.

2. GROUNDWATER LEVEL SHOWN AS (▽) WHERE ENCOUNTERED, GROUNDWATER NOT ENCOUNTERED SHOWN AS "GNE".

3. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.

4. STRATA 1 AND 1A CONSISTS OF TOPSOIL / ASPHALT AND SHOULD BE STRIPPED FROM THE PROPOSED WIDENING AND NEW PAVEMENT AREAS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 110-CLEARING AND GRUBBING.

5. STRATA 2 AND 3 CONSISTS OF SELECT MATERIAL (A-1-b / A-3). THESE MATERIALS APPEARS TO BE SUITABLE TO USE IN SUBGRADE AND ENBANKMENT AND SHOULD BE UTILIZED ACCORDING TO INDEX 120-001 OF STANDARD PLANS FOR ROADWAY CONSTRCUTION.

6. STRATUM 4 CONSISTS OF SELECT MATERIAL (A-2-4). THIS MATERIAL CAN BE USED IN SUBGRADE AND EMBANKMENT AND SHOULD BE UTILIZED ACCORDING TO INDEX 120-001 OF STANDARD PLAN FOR ROADWAY CONSTRUCTION. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. HENCE, THIS MATERIAL SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.

7. STRATUM 5 CONSISTS OF LIMESTONE. THIS MATERIAL CAN BE USED AS SELECT MATERIAL AS LONG AS THE GRADATION SATISFIES THE FDOT STANDARD SPECIFICATION REQUIREMENTS. LIMESTONE IS ANTICIPATEDTO BE HARD AND DIFFICULT TO EXCAVATE. ADDITIONALLY, LIMESTONE MAY BE POROUS AND DIFFICULT TO DEWATER.

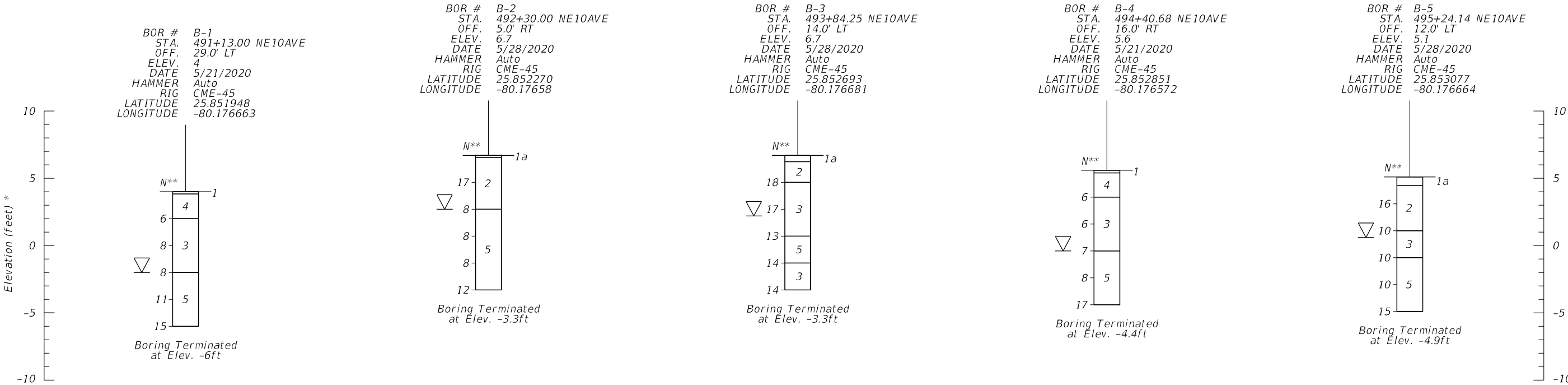
REVISIONS				RAMAKUMAR VEDULA, P.E. P.E. LICENSE NUMBER 54873 TIERRA SOUTH FLORIDA, INC. 2765 VISTA PARKWAY, S-10 WEST PALM BEACH, FL 33411	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

rburgess

5/1/2025 10:29:21 AM Default

H:\Miami-Dade County(EDP)\NE 10 Ave Bridge Replacement\03 CADD\EDP-MT-20190196\geotech\SSUVRD01.dgn

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



LEGEND

- 1A. ASPHALT
- 1. TOPSOIL (A-8)
- 2. LIGHT BROWN SANDY LIMEROCK (A-1-b)
- 3. BROWN TO DARK BROWN SAND TO SLIGHTLY SILTY SAND OCCASSIONALLY TRACE LIMEROCK OR LIMESTONE (A-3)
- 4. LIGHT BROWN SILTY LIMEROCK (A-2-4)
- 5. LIGHT BROWN SANDY LIMESTONE

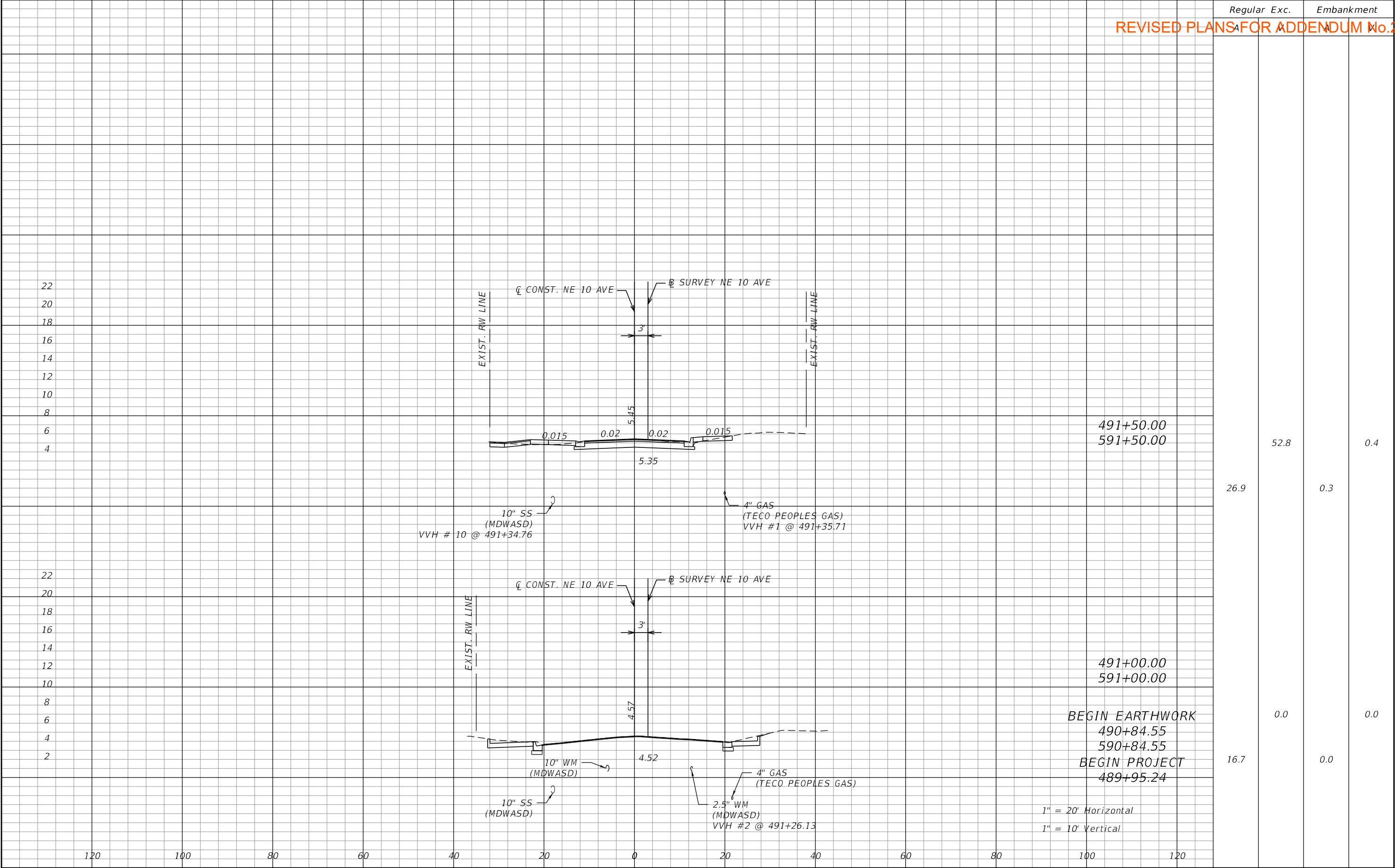
▽ ENCOUNTERED GROUNDWATER TABLE

N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12" PENETRATION AND THEY WERE OBTAINED USING AN AUTOMATIC HAMMER. (UNLESS OTHERWISE NOTED.)

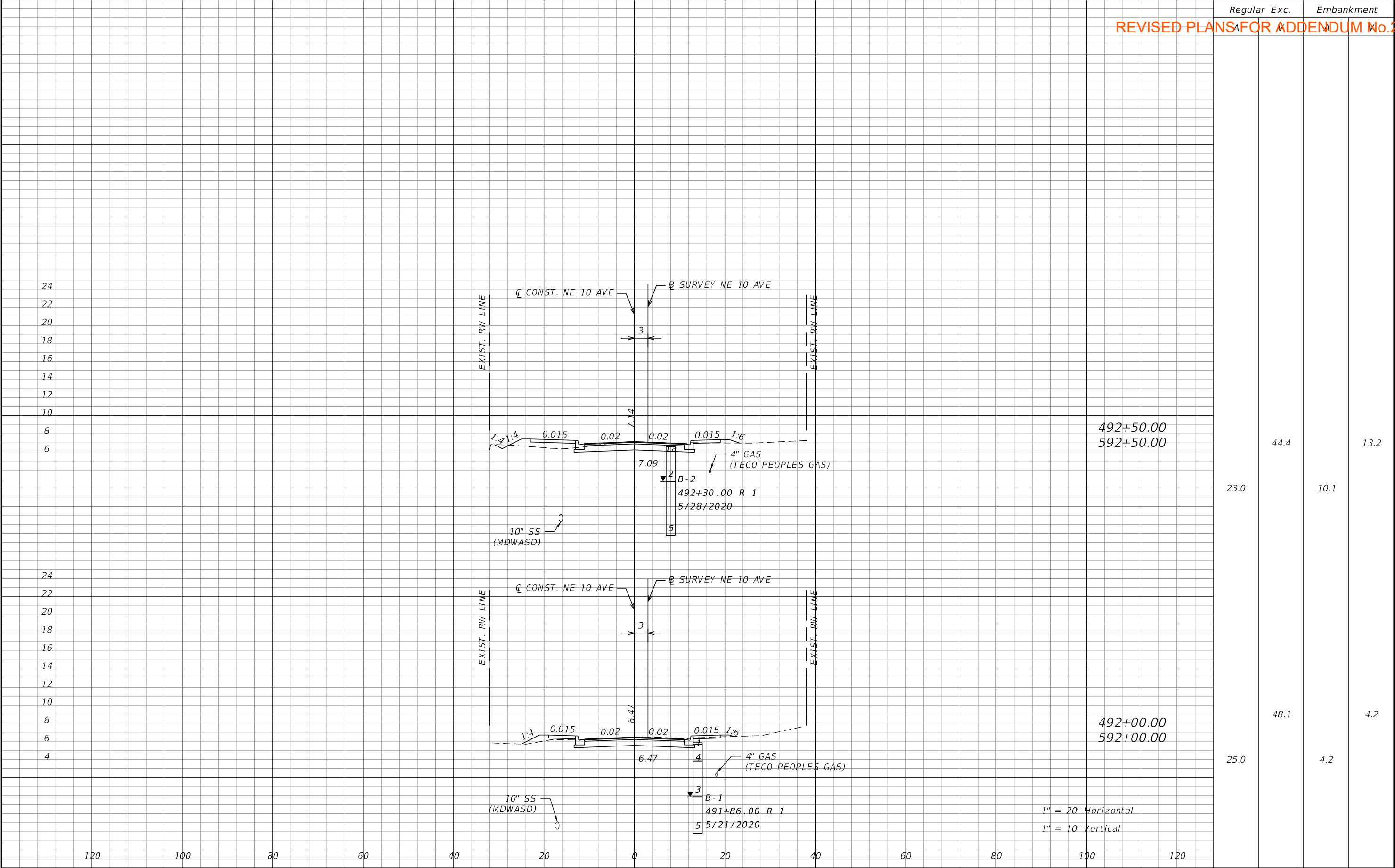
NOTES

- * DENOTES DEPTH IN FEET FROM EXISTING GROUND SURFACE
- ** SPT N-VALUES SHOWN ABOVE WERE OBTAINED USING AUTOMATIC HAMMERS. GENERALLY DESIGN CORRELATIONS AND PROGRAMS USE SAFETY HAMMER N-VALUES. HENCE, THE ABOVE N-VALUES NEED TO BE MULTIPLIED BY 1.24 TO OBTAIN EQUIVALENT SAFETY HAMMER N-VALUES FOR DESIGN PURPOSE.

REVISIONS				RAMAKUMAR VEDULA, P.E. P.E. LICENSE NUMBER 54873 TIERRA SOUTH FLORIDA, INC. 2765 VISTA PARKWAY, S-10 WEST PALM BEACH, FL 33411	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SOIL PROFILES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		
									22



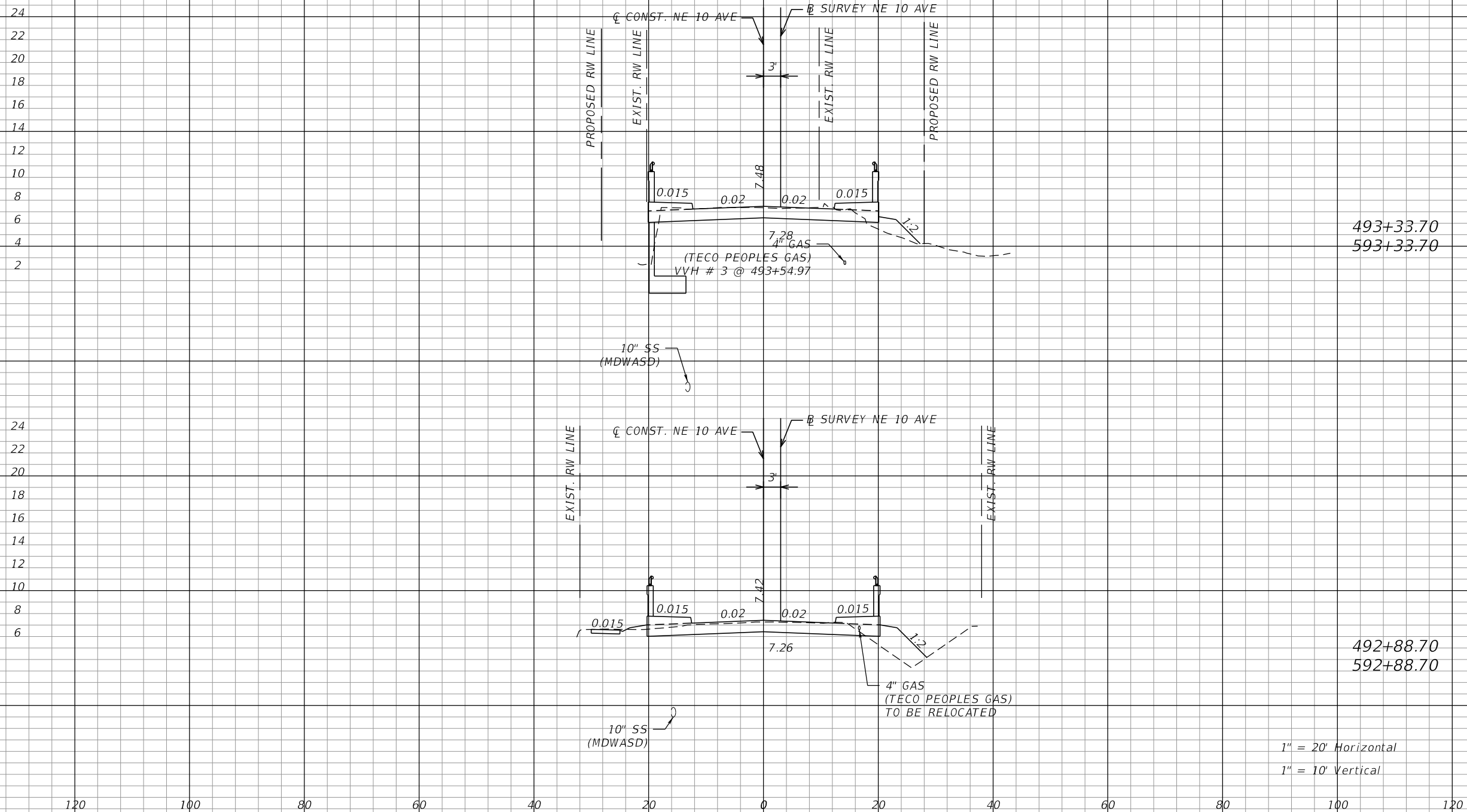
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIED PLANS FOR ADDENDUM No.2

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

REVISED PLANS FOR ADDENDUM No.2

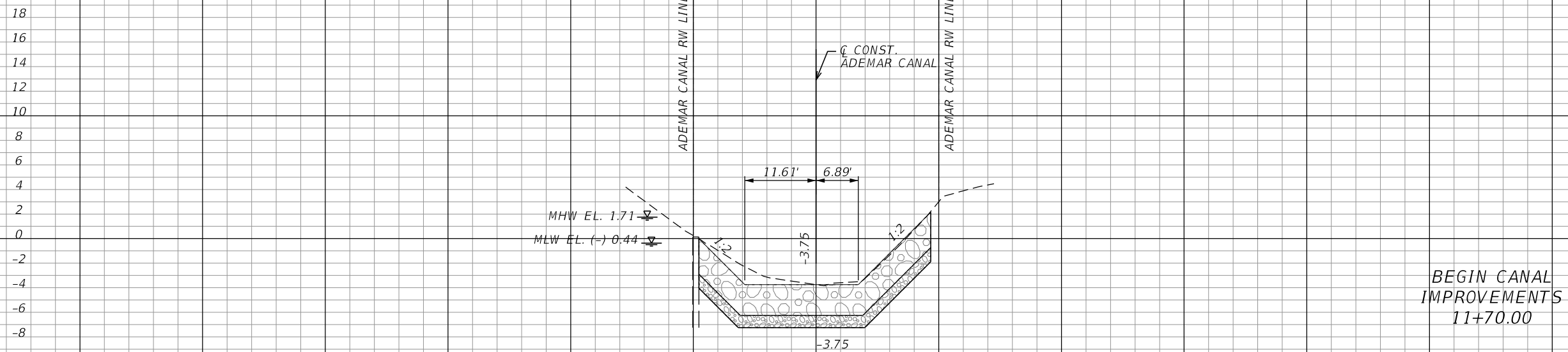
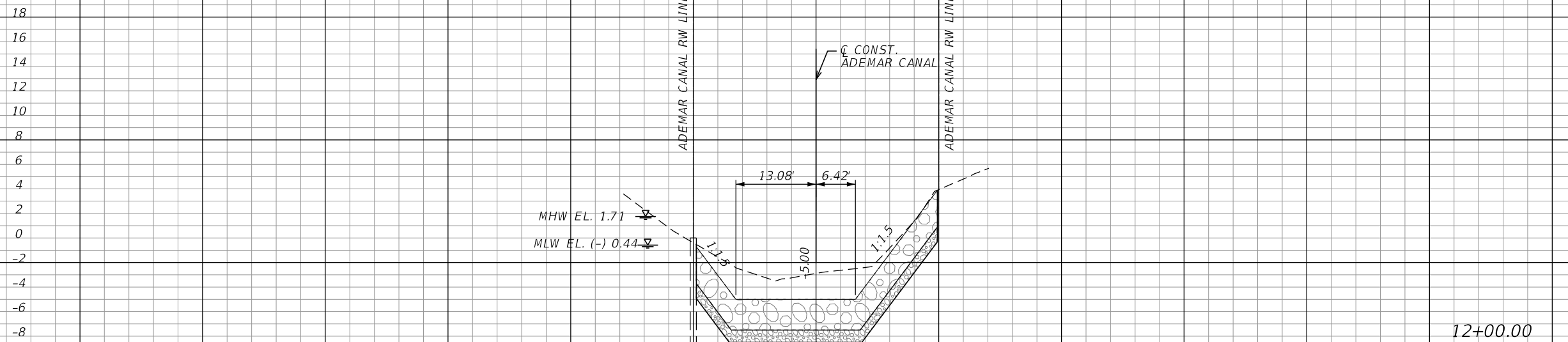


$1'' = 20'$ Horizontal

$1'' = 10'$ Vertical

REVISIONS				ASA CONSULTANTS, INC 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		25
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

REVISED PLANS FOR ADDENDUM No.2

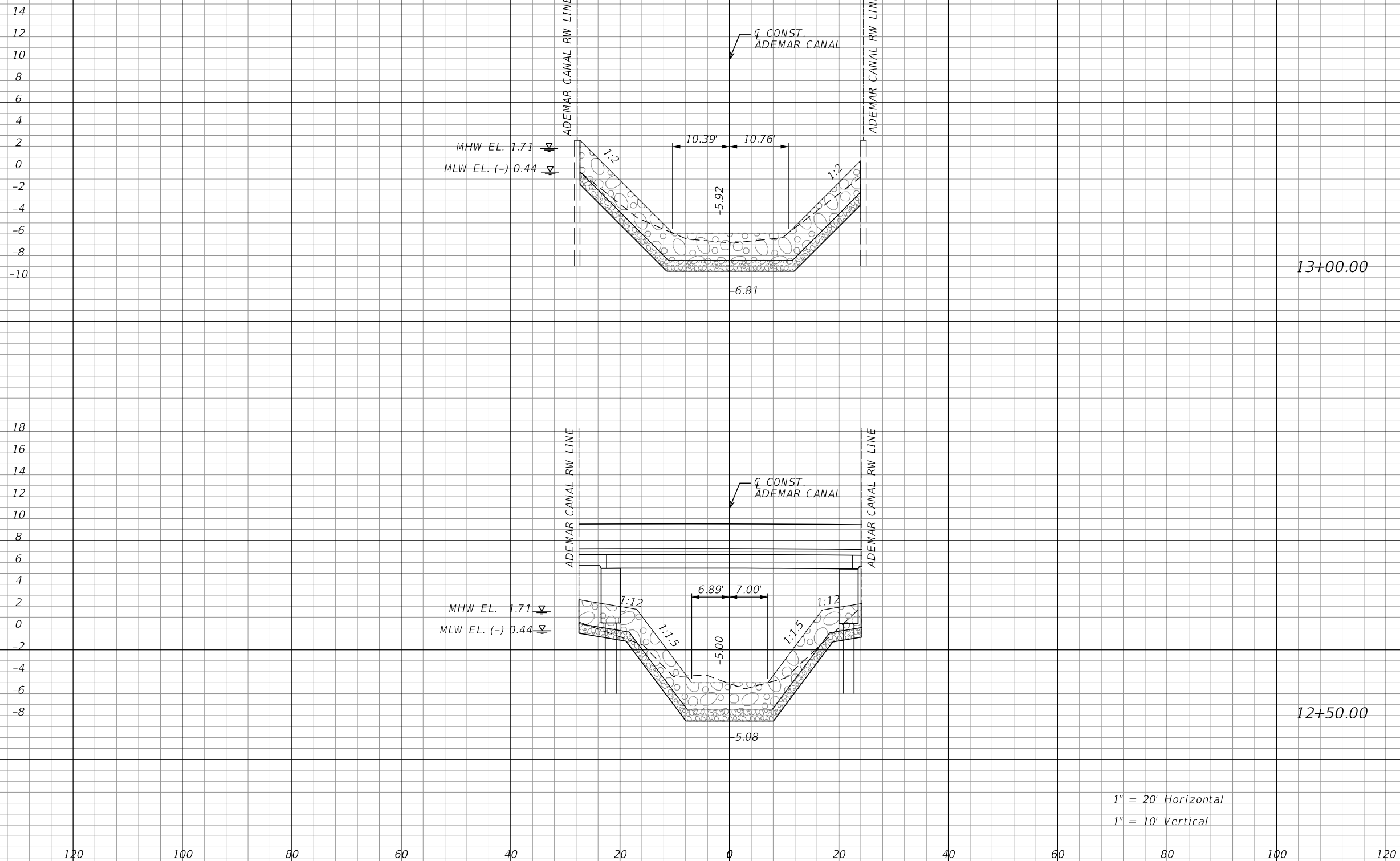


$1'' = 20'$ Horizontal

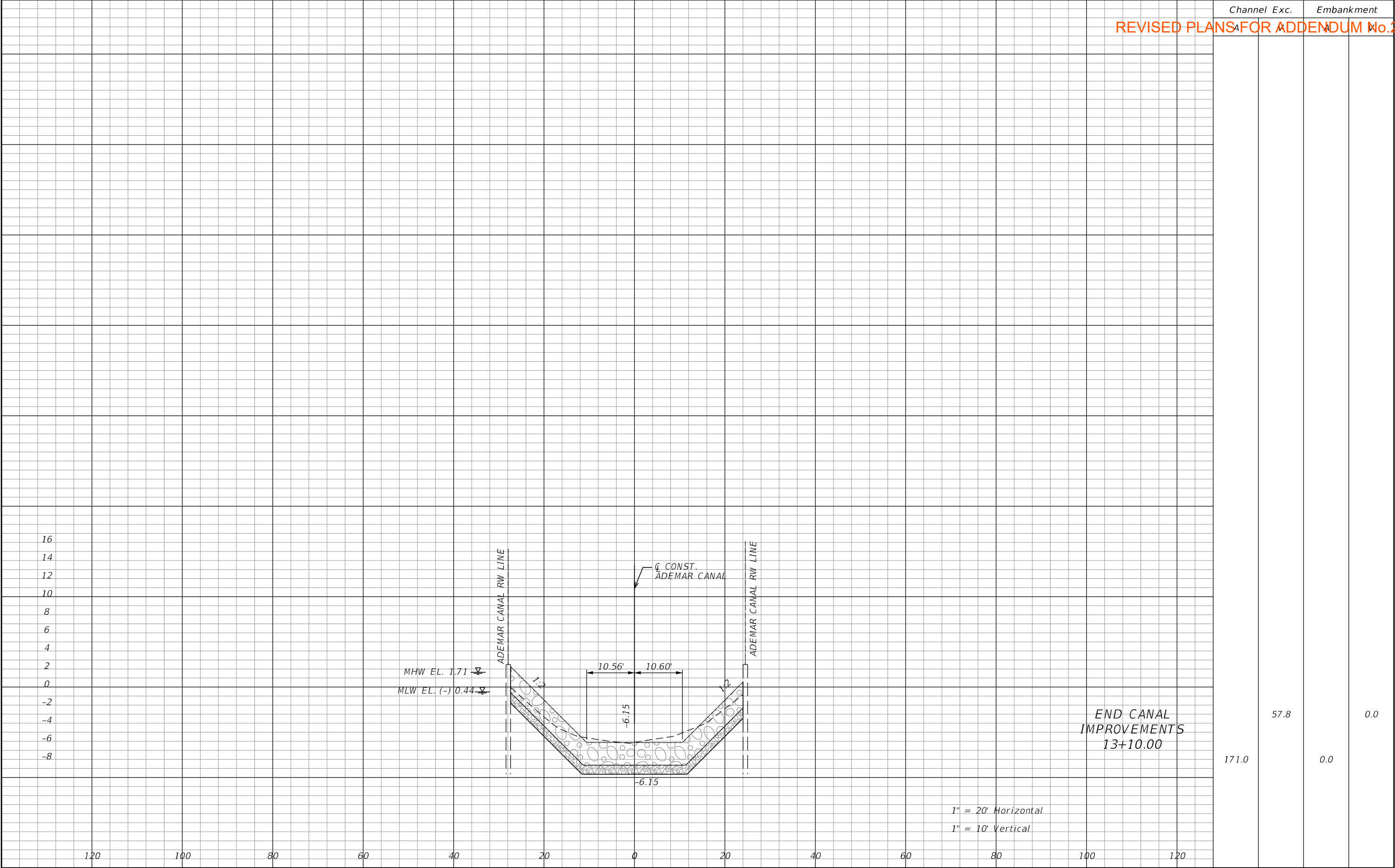
$1'' = 10'$ Vertical

REVISIONS				ASA CONSULTANTS, INC 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		28
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

REVISED PLANS FOR ADDENDUM No.2



REVISIONS				ASA CONSULTANTS, INC 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		
									29



REVISIONS				ASA CONSULTANTS, INC 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		30

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

STORMWATER POLLUTION PREVENTION PLAN

NARRATIVE DESCRIPTION

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE DESCRIPTION CONTAINS REFERENCES TO THE CONTRACT DOCUMENTS, THE FDOT DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF SEVERAL ITEMS INCLUDING: THIS NARRATIVE DESCRIPTION, THE REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN (ECP) PREPARED AND SUBMITTED IN ACCORDANCE WITH SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1. SITE DESCRIPTION
- A. NATURE OF RE--CONSTRUCTION ACTIVITIES TO NE 10TH AVENUE FROM NE 83RD STREET TO NE 84TH STREET INCLUDING A NEW DRAINAGE SYSTEM.

B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES: THE CONTRACTOR SHALL PROVIDE IN THE ECP A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. EACH CONSTRUCTION PHASE REQUIRES THE INSTALLATION OF PERIMETER CONTROL, AFTER CLEARING AND GRUBBING AS NECESSARY FOR THE INSTALLATION OF THE CONTROLS, PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

1) CLEARING AND GRUBBING, AND EARTHWORK.

2) DRAINAGE INSTALLATION

3) FINAL GRADING AND LANDSCAPING WHERE NECESSARY.

C. AREA ESTIMATES (ACRE)

1) TOTAL SITE AREA: 0.45 ACRES

2) TOTAL AREA OF THE SITE THAT IS EXPECTED TO BE DISTURBED: 0.92 ACRES

D. EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF ANY DISCHARGE FROM THE SITE AND AN ESTIMATE OF THE SIZE OF THE DRAINAGE AREA FOR EACH DISCHARGE POINT:

1) RATIONAL RUNOFF COEFFICIENT

A) BEFORE: 0.95

B) DURING: VARIES

C) AFTER CONSTRUCTION: 0.95

2) EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF DISCHARGE FROM THE SITE: ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE SOIL SURVEY REPORT OF DADE COUNTY AREA, FLORIDA, THE SOILS ENCOUNTERED ON THE PROJECT ARE UDORTHENTS WATER COMPLEX (9) BY 60.4% OF AREA OF INTEREST, DANIA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES (14) BY 25.3% OF AREA OF INTEREST AND HALLANDALE FINE SAND, 0 TO 2 PERCENT SLOPES (34) BY 14.3% OF AREA OF INTEREST.

3) THE SIZE OF THE DRAINAGE AREA IS 0.53 ACRES OVERFLOWING INTO AN EXISTING CANAL LOCATED ON NE 10TH AVENUE (ADEMAR CANAL).

4) THE PROPOSED PROJECT IS SELF CONTAINED AND HAS NO OVERFLOW TO THE ADJACENT CANAL. HOWEVER, ONE OUTFALL PIPE LOCATED ON THE SOUTH EAST CORNER OF THE PROPOSED BRIDGE WILL BE RETROFITTED WITH MANATEE GRATE.

E. SITE MAP: THE ASSOCIATED CONSTRUCTION PLAN SHEETS AND CROSS SECTIONS WILL BE USED AS THE SITE MAP. LOCATIONS OF THE REQUIRED INFORMATION ARE DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL ITEMS DISCUSSED ARE IDENTIFIED ON THE COVER SHEET OF THE CONSTRUCTION PLANS AND CROSS SECTIONS PLANS.

1) DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES: THE SLOPES OF THE SITE CAN BE SEEN ON THE CONSTRUCTION PLAN SHEETS AND CROSS SECTION PLAN SHEETS.

2) AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE CONSTRUCTION PLAN DETAIL SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

3) AN OUTLINE OF AREAS WHICH MAY NOT BE DISTURBED: THESE AREAS OF THE PROJECT OUTSIDE THE CLEARING AND GRUBBING AND CONSTRUCTION ACTIVITIES WHICH ARE COMPRISED OF THOSE THAT ARE NOT SUBJECT TO ANY SOIL DISTURBING ACTIVITIES.

4) THE LOCATION OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS IDENTIFIED IN THE PLAN:TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AT ALL LOCATIONS WHERE DISTURBANCE OF SOLIDS WILL OCCUR. ADDITIONAL MEASURES MAY BE REQUIRED AS NECESSARY WHERE STORMWATER RUNOFF HAS THE POTENTIAL TO REACH SURFACE WATERS OR OFF--SITE STORMWATER COLLECTION FACILITIES.

5) THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS, WETLANDS AND LOCATIONS WHERE STORMWATER IS DISCHARGED TO A SURFACE WATER OR MS4: AREAS OF PERMANENT STABILIZATION ARE SHOWN ON THE CONSTRUCTION PLAN SHEETS AND CONSTRUCTION DETAIL SHEETS.

F. DISCHARGE POINT(S)

1) THE PROPOSED PROJECT IS SELF CONTAINED.
2. CONTROLS
- A. EROSION AND SEDIMENT CONTROLS: THE CONTRACTOR SHALL DESCRIBE IN THE ECP THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE ECP, SUBJECT TO APPROVAL BY THE ENGINEER, AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER MANAGEMENT PRACTICES. FOR EACH CONSTRUCTION PHASE INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED. IN ADDITION:

· FURNISH AND PLACE ROCK BAGS TO CONTROL EROSION AND SILTATION.

· INSTALL SOIL TRACKING PREVENTION DEVICES (STPDS) AT ALL COMMON AREAS WHERE CONSTRUCTION VEHICLES WILL BE ENTERING AND EXITING THE CONSTRUCTION SITE.

· SILT FENCE SHALL BE INSTALLED AND AT THE TOE OF SLOPE OF EMBANKMENTS PER FDOT DESIGN INDEX 102 AND AT LOCATIONS AS DESCRIBED IN THE EROSION AND SEDIMENT CONTROL DETAILS.

· SEDIMENT FILTERS SHALL BE FOR ALL EXISTING INLETS SUBJECT TO SEDIMENT RUNOFF IF APPLICABLE.

· FLOATING OR STAKED TURBIDITY BARRIERS SHALL BE USED IN THE SHORE CREST CANAL AS AN EXTRA MEASURE OF PROTECTION. THESE DEVICES SHALL NOT SUBSTITUTE FOR UNPLAND CONTROL DEVICES.

· EROSION CONTROL MATS MAY BE UTILIZED AS AN EXTRA MEASURE OF PROTECTION FOR EMBANKMENT OR BERM CONSTRUCTION TO PREVENT EROSION.

· CLEARING AND GRUBBING OPERATIONS WILL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER. AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.

· EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE THE MATERIAL COULD BE WASHED AWAY BY HIGH WATER, RAIN OR STORMWATER RUNOFF. STOCKPILES SHALL BE COVERED OR ENCIRCLED WITH SEDIMENT DEVICES.

1) STABILIZATION PRACTICES: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

A) TEMPORARY: INCLUDES SOD, MULCH, AND ARTIFICIAL COVERINGS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

B) PERMANENT: INCLUDES ASPHALT OR CONCRETE SURFACE, SOD, ROADSIDE SWALES, RIP--RAP BOULDERS AND SAND CEMENT BAGS.

2) STRUCTURAL PRACTICES: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL AND TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- A) TEMPORARY: INCLUDES SILT FENCE, SYNTHETIC BALES AND ROCK BAGS PER FDOT DESIGN INDEX 102 AND THE CONTRACT DOCUMENTS; TURBIDITY BARRIERS PER FDOT DESIGN INDEX 103 AND THE CONTRACT DOCUMENTS; AND SOIL TRACKING PREVENTION DEVICES PER FDOT DESIGN INDEX 106 AND THE CONTRACT DOCUMENTS. SEE EROSION AND SEDIMENT CONTROL DETAILS FOR MORE INFORMATION. ALL SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBING ACTIVITY.

B) PERMANENT: INCLUDES ROADSIDE SWALES, RIP--RAP BOULDERS AND SAND CEMENT BAGS.

B. PERMANENT STORMWATER MANAGEMENT CONTROLS: STORMWATER RUNOFF WILL BE CONVEYED IN AN INTERCONNECTED GRAVITY ROADSIDE NEW DRAINAGE SYSTEM CONSISTING OF CURB AND GUTTER INLETS SPACED AS PER THE PROPOSED PROFILE AND/OR SPREAD MINIMUM REQUIREMENTS, COLLECTOR SOLID PIPES, SHALLOW SWALES ON THE NB OF NW 97TH AVENUE AND EX FILTRATION TRENCH CONVEYING INTO THE EXISTING CANAL.
- SYSTEMS.
- C. CONTROL FOR OTHER POTENTIAL POLLUTANTS: THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

1) WASTE DISPOSAL: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

A) THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT BE LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. CONTRACTOR SHALL DESIGNATE A WASTE COLLECTION AREA ONSITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.

B) SANITARY/SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.

C) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THE STAGING, STOCKPILE AND FIELD OFFICE AREAS (AS APPLICABLE). WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

2) OFF--SITE VEHICLE TRACKING & GENERATION OF DUST: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF--SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

A) STABILIZING CONSTRUCTION ENTRANCES AS NECESSARY ACCORDING TO FDOT DESIGN STANDARD 106.

B) THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORMWATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.

C) REMOVING EXCESS DIRT FROM ROADS DAILY.

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

E) STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF--SITE TRACKING.

F) LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY.

3) STATE OR LOCAL REGULATIONS: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

4) APPLICATION OF FERTILIZER AND PESTICIDES

A) THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURER RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS.

B) HERBICIDES AND PESTICIDES SHALL BE STORED ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

5) TOXIC SUBSTANCES AND MATERIALS

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

B) CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS, INCLUDING PETROLEUM PRODUCTS. SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORMWATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURER RECOMMENDED METHOD.

C) CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIALS SPILL CONTROL PLAN IN ORDER TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS.

D) PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.

E) TOXIC/HAZARDOUS MATERIALS EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLED PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS.

D. APPROVED STATE AND LOCAL PLANS AND PERMITS

1) FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.

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

A. SILT FENCE--TWELVE (12) MONTHS, OR AS REQUIRED, REPLACEMENT INTERVAL IN ACCORDANCE WITH CONTRACT'S SPECIFICATIONS.

B. TURBIDITY BARRIER--AS REQUIRED. REPLACE WHEN DAMAGE TO CURTAIN RENDERS IT INEFFECTIVE (I.E. TORN, UNREPAIRABLE).

C. SEDIMENT FILTERS AT INLETS--CHECK AGGREGATE AFTER RAINFALL EVENTS. CLEAN AGGREGATE IF CLOGGING OCCURS.

D. THE MAINTENANCE OF THESE DEVICES SHALL OCCUR UNTIL THE ENGINEER HAS DEEMED AN AREA PERMANENTLY STABILIZED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE EROSION AND SEDIMENT CONTROL DEVICES ONCE THEY HAVE SERVED THEIR PURPOSE.

4. INSPECTION

A. THE CONTRACTOR SHALL BE REQUIRED TO CONDUCT DAILY VISUAL INSPECTIONS OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES ALONG THE PROJECT CORRIDOR. THE CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE THESE ITEMS AS NECESSARY.

B. THE ENGINEER SHALL HAVE AN INSPECTOR REVIEW THE PROJECT'S TEMPORARY AND PERMANENT EROSION CONTROL MEASURES FOR THE ITEMS LISTED BELOW AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND/OR WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER. A WRITTEN INSPECTION REPORT (FORM ATTACHED) IS REQUIRED EVERY SEVEN CALENDAR DAYS OR WITHIN 24 HOURS OF THE END OF A STORM THAT DEPOSITS 0.5 INCHES OF RAIN OR GREATER.

1) OUTFALLS INTO THE WATERS OF THE UNITED STATES

2) POINTS OF DISCHARGE TO MUNICIPAL SEPARATED STORM SEWER SYSTEMS

3) DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN STABILIZED

4) AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION

5) STRUCTURAL CONTROLS

6) STORMWATER MANAGEMENT SYSTEMS

7) LOCATIONS WHERE VEHICLES ENTER OR EXIT THIS SITE

8) CHECK THAT THE APPROVED OR REVISED EROSION CONTROL PLAN IS FOLLOWED

9) WHERE SITES HAVE BEEN STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.
- C. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

D. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.
5. NON--STORMWATER DISCHARGES
- A. IN THE ECP, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON--STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON--STORMWATER DISCHARGES.

B. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE MIAMI--DADE DEPARTMENT OF ENVIRONMENTAL RESOURCES (DERM) COMPLIANCE DESK, AT (305) 372--6955.

6. CONTRACTOR/SUBCONTRACTOR CERTIFICATION.

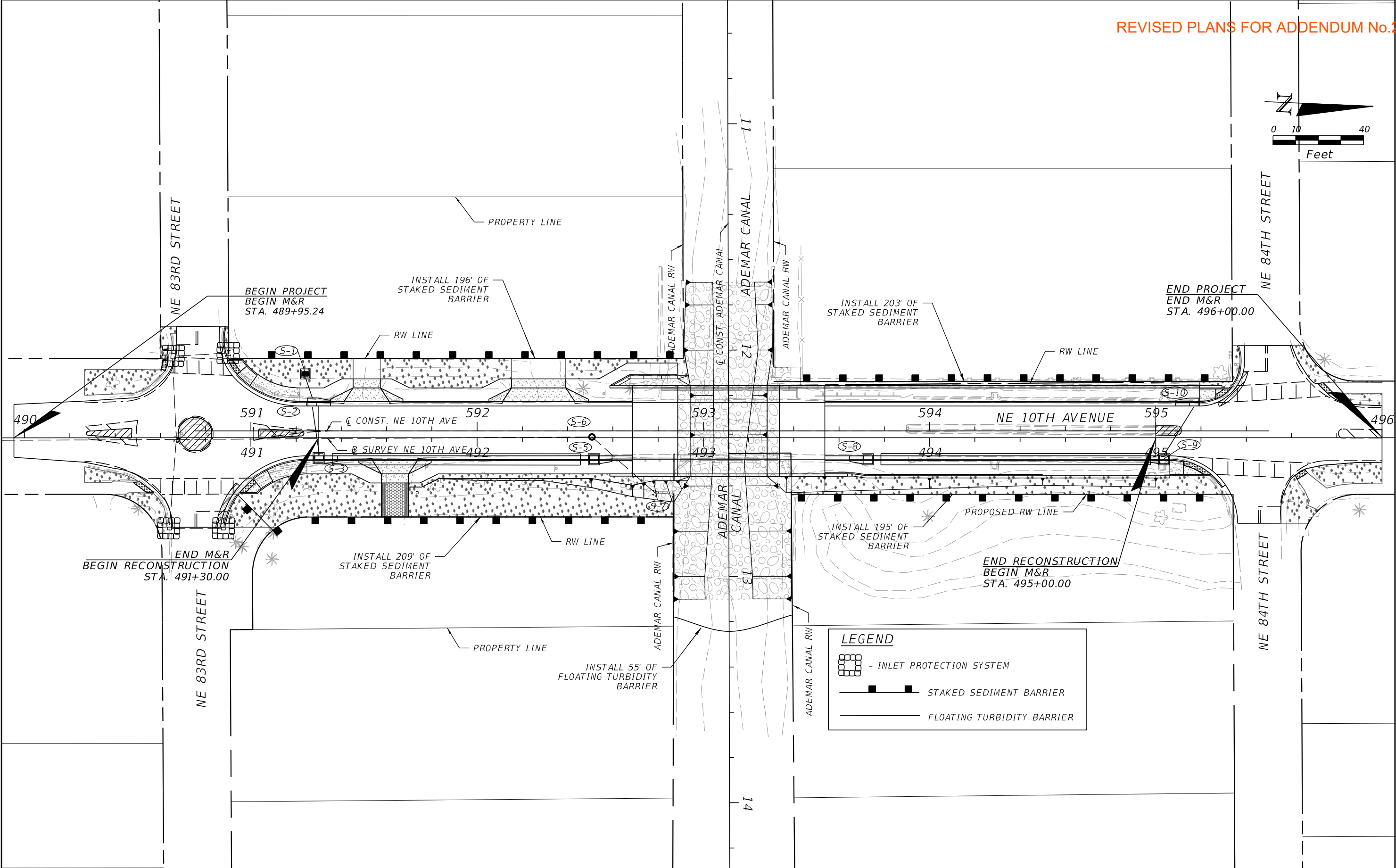
A. FOR EACH MEASURE IDENTIFIED IN THE SWPPP, THE CONTRACTOR AND/OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT THE MEASURE MUST SIGN A COPY OF THE CERTIFICATION STATEMENT, PROVIDED IN APPENDIX A OF THE SWPPP, PRIOR TO CONDUCTING ANY CONSTRUCTION ACTIVITIES AT THE SITE.

STANDARD MANATEE AND MARINE TURTLE CONSTRUCTION CONDITIONS FOR IN--WATER WORK

THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING CONDITIONS INTENDED TO PROTECT MANATEES AND MARINE TURTLES FROM DIRECT PROJECT EFFECTS:

- A. ALL PERSONNEL ASSOCIATED WITH THE PROJECT SHALL BE INSTRUCTED ABOUT THE PRESENCE OF MARINE TURTLES, MANATEES AND MANATEE SPEED ZONES, AND THE NEED TO AVOID COLLISIONS WITH (AND INJURY TO) THESE PROTECTED MARINE SPECIES. THE PERMITTEE SHALL ADVISE ALL CONSTRUCTION PERSONNEL THAT THERE ARE CIVIL AND CRIMINAL PENALTIES FOR HARMING, HARASSING, OR KILLING MANATEES WHICH ARE PROTECTED UNDER THE MARINE MAMMAL PROTECTION ACT, THE ENDANGERED SPECIES ACT, AND THE FLORIDA MANATEE SANCTUARY ACT.
- B. ALL VESSELS ASSOCIATED WITH THE CONSTRUCTION PROJECT SHALL OPERATE AT "IDLE SPEED/NO WAKE"AT ALL TIMES WHILE IN THE IMMEDIATE AREA AND WHILE IN WATER WHERE THE DRAFT OF THE VESSEL PROVIDES LESS THAN A FOUR--FOOT CLEARANCE FROM THE BOTTOM. ALL VESSELS WILL FOLLOW ROUTES OF DEEP WATER WHENEVER POSSIBLE.
- C. SILTATION OR TURBIDITY BARRIERS SHALL BE MADE OF MATERIAL IN WHICH MANATEES AND MARINE TURTLES CANNOT BECOME ENTANGLED, SHALL BE PROPERLY SECURED, AND SHALL BE REGULARLY MONITORED TO AVOID MANATEE ENTANGLEMENT OR ENTRAPMENT. BARRIERS MUST NOT IMPEDE MANATEE OR MARINE TURTLE MOVEMENT.
- D. ALL ON--SITE PROJECT PERSONNEL ARE RESPONSIBLE FOR OBSERVING WATER--RELATED ACTIVITIES FOR THE PRESENCE OF MARINE TURTLES AND MANATEE(S). ALL IN--WATER OPERATIONS, INCLUDING VESSELS, MUST BE SHUTDOWN IF A MARINE TURTLE OR MANATEE COMES WITHIN 50 FEET OF THE OPERATION. ACTIVITIES WILL NOT RESUME UNTIL THE ANIMAL(S) HAS MOVED BEYOND THE 50--FOOT RADIUS OF THE PROJECT OPERATION, OR UNTIL 30 MINUTES ELAPSES IF THE ANIMAL(S) HAS NOT REAPPEARED WITHIN 50 FEET OF THE OPERATION. ANIMALS MUST NOT BE HERDED AWAY OR HARASSED INTO LEAVING.
- E. ANY COLLISION WITH OR INJURY TO A MARINE TURTLE OR MANATEE SHALL BE REPORTED IMMEDIATELY TO THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) HOTLINE AT 1--888--404--3922, AND TO FWC AT IMPERILEDSPECIES@MYFWC.COM. COLLISION AND/OR INJURY SHOULD ALSO BE REPORTED TO THE U.S. FISH AND WILDLIFE SERVICE (FOR NORTH FLORIDA, JACKSONVILLE 1--904--731--3336 OR FOR SOUTH FLORIDA VERO BEACH 1--772--562--3909).
- F. TEMPORARY SIGNS CONCERNING MANATEES SHALL BE POSTED PRIOR TO AND DURING ALL IN--WATER PROJECT ACTIVITIES. ALL SIGNS ARE TO BE REMOVED BY THE PERMITTEE UPON COMPLETION OF THE PROJECT. TEMPORARY SIGNS THAT HAVE ALREADY BEEN APPROVED FOR THIS USE BY THE FWC MUST BE USED. ONE SIGN WHICH READS CAUTION: BOATERS MUST BE POSTED. A SECOND SIGN MEASURING AT LEAST 8 ½"BY 11" EXPLAINING THE REQUIREMENTS FOR "IDLE SPEED/NO WAKE"AND THE SHUT DOWN OF IN--WATER OPERATIONS MUST BE POSTED IN A LOCATION PROMINENTLY VISIBLE TO ALL PERSONNEL ENGAGED IN WATER--RELATED ACTIVITIES. THESE SIGNS CAN BE VIEWED AT MYFWC.COM/MANATEE. QUESTIONS CONCERNING THESE SIGNS CAN BE SENT TO THE EMAIL ADDRESS LISTED ABOVE.

REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		31



REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.			
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196			

TEMPORARY TRAFFIC CONTROL GENERAL NOTES:

1. THESE TEMPORARY TRAFFIC CONTROL PLANS ARE PRELIMINARY AND ARE TO BE USED AS REFERENCE AND/OR GUIDANCE ONLY. PROVIDE THE FINAL TEMPORARY TRAFFIC CONTROL DESIGN AND OBTAIN APPROVAL FROM MIAMI-DADE COUNTY.
2. PROVIDE A MINIMUM 8 WEEKS NOTICE TO FP&L FOR THE DE-ENERGIZING AND POWER RE-ROUTING OPERATIONS. SEE UTILITY ADJUSTMENT SHEETS FOR DETAILS.
3. ALL WORK SHALL BE PERFORMED DURING DAYTIME ONLY FROM 8 AM TO 6 PM.
4. SINGLE LANE CLOSINGS FOR PHASES III & IV SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/WEEKENDS. NON-PEAK HOURS ARE:

FROM 8:30AM TO 4:30PM MONDAY THROUGH FRIDAY.
5. MAINTAIN EXISTING POSTED SPEEDS DURING CONSTRUCTION.

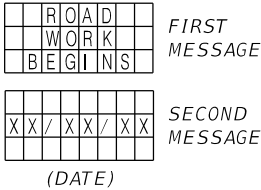
ADVANCE CONSTRUCTION NOTICE

1. A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE USED UNDER THE FOLLOWING CONDITIONS:

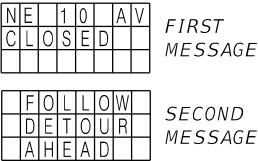
(I) INSTALL PCMS 1 AND 2 TWO (2) WEEKS PRIOR TO CONSTRUCTION.

(II) UPDATE MESSAGE ON PCMS 1 DURING ACTIVE WORK ZONES FOR NE 10TH AVENUE.

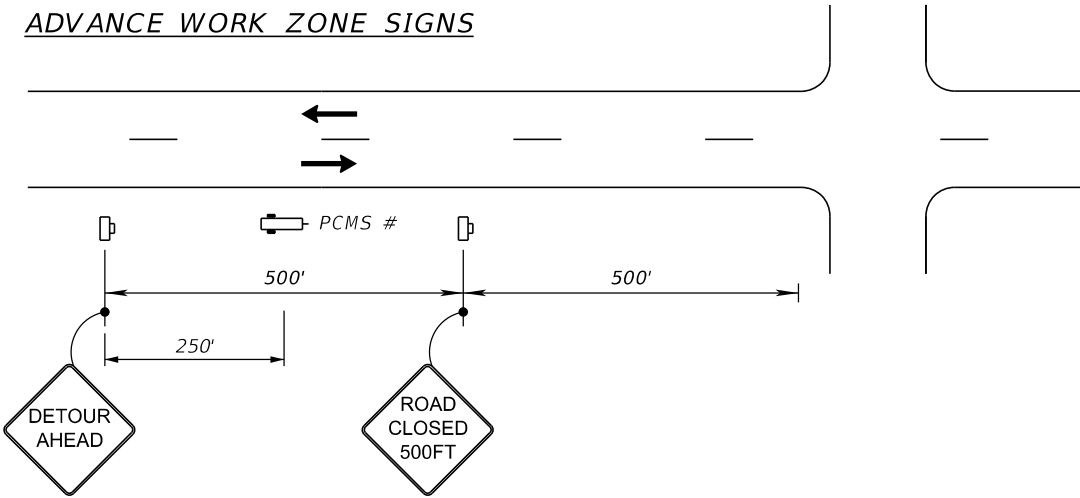
PCMS 1 & PCMS 2
2 WEEKS PRIOR TO CONSTRUCTION



PCMS 1 & PCMS 2
DURING CONSTRUCTION

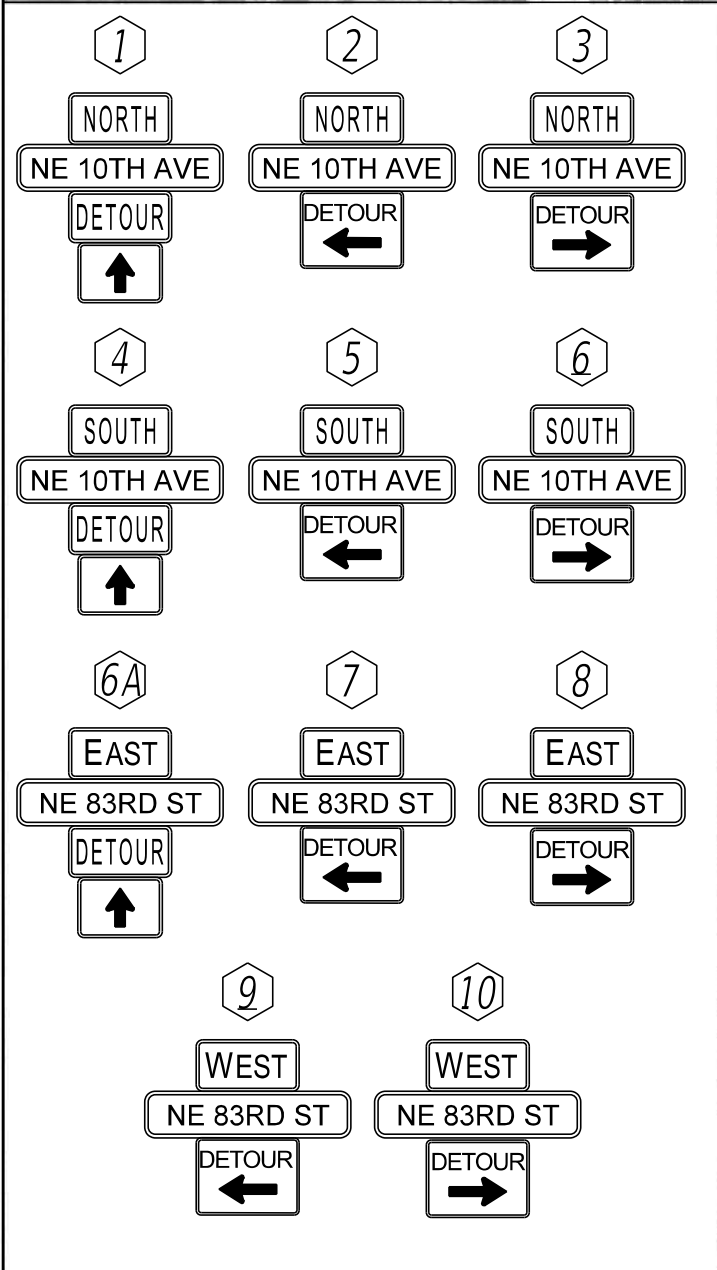


ADVANCE WORK ZONE SIGNS

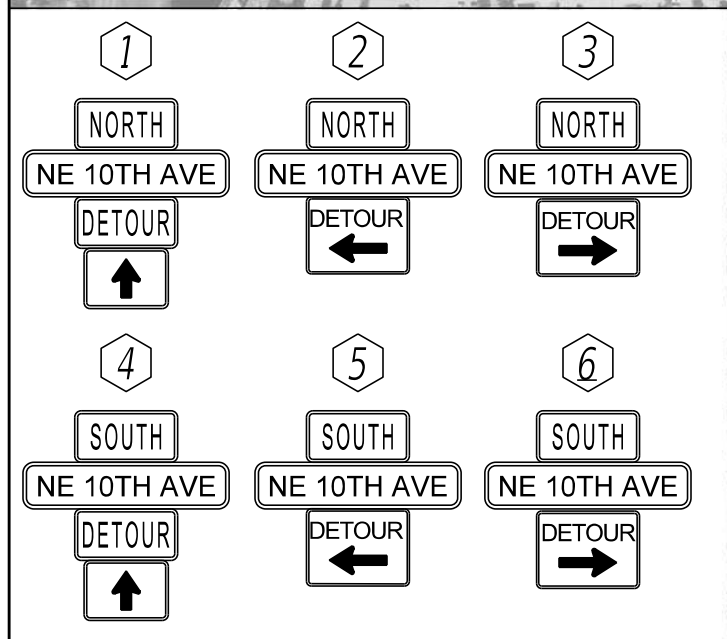


LEGEND

- WORK ZONE
- DETOUR ROUTES
- WORK ZONE SIGN
- NB NE 10TH AVE DETOUR
- SB NE 10TH AVE DETOUR
- EB NE 83RD ST DETOUR
- WB NE 83RD ST DETOUR
- PCMS
- TYPE III BARRICADE

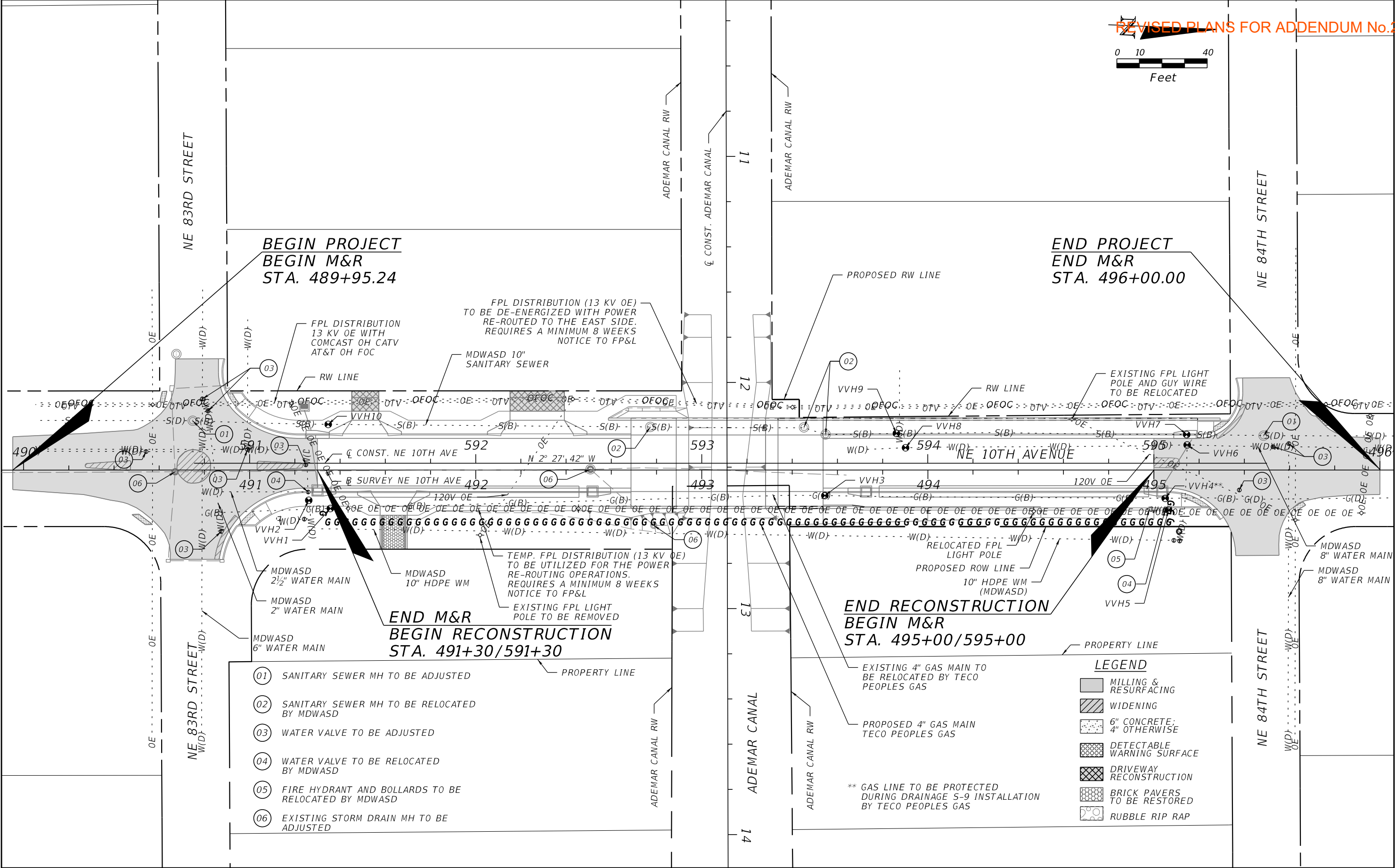
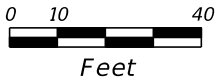


REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

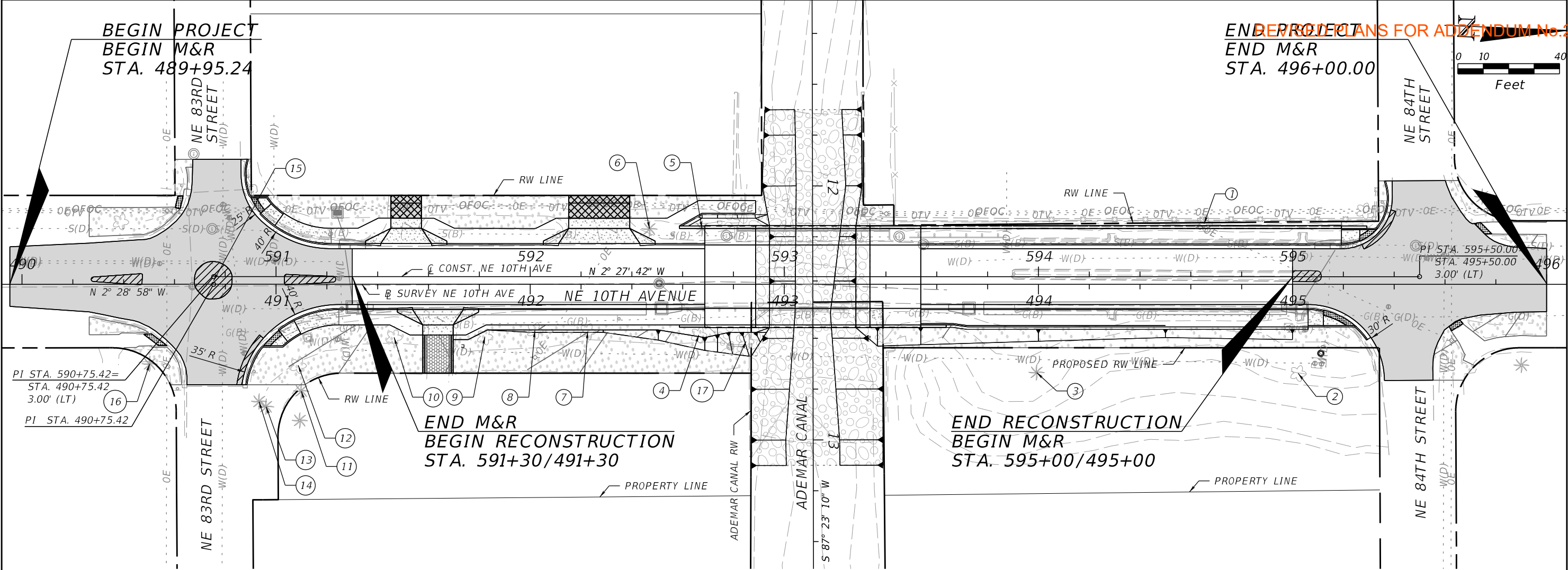


REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			<i>TEMPORARY TRAFFIC CONTROL PLANS</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		35

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



REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		36
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		



TREE DISPOSITION TABLE

TREE NO.	BOTANICAL NAME	COMMON NAME	DBH (IN.) FOR TREES/ CTH (FT.) FOR PALMS	HEIGHT (FT.) (APPROX.)	CANOPY SPREAD (FT.) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
						STATION	OFFSET			
1	HONG KONG ORCHID	BAUHINIA BLAKEANA	16	30	24	494+65.23	24' LT	POOR	REMOVE	
2	UMBRELLA TREE	SCHEFFLERA ACTINOPHYLLA	16	28	24	495+02.23	35' RT	POOR	REMAIN	
3	UNIDENTIFIED PALM	N/A	14	10	20	493+99.29	35' RT	FAIR	REMAIN	
4	INDIAN LAUREL	FICUS MICROCARPA	14	32	20	492+66.36	20' RT	VERY POOR	REMOVE	
5	COCONUT PALM	COCOS NUCIFERA	12	28	12	492+67.60	22' LT	FAIR	REMOVE	
6	COCONUT PALM	COCOS NUCIFERA	12	28	12	492+46.96	22' LT	FAIR	REMOVE	
7	WEeping FIG	FICUS BENJAMINA	18	28	30	492+22.65	19' RT	POOR	REMAIN	SEE SHEET 38
8	WEeping FIG	FICUS BENJAMINA	20	34	32	492+01.85	18' RT	FAIR	REMAIN	SEE SHEET 38
9	BRAZILIAN BEAUTY LEAF	CALOPHYLLUM BRASILENSE	22	36	30	491+82.17	21' RT	FAIR	REMAIN	SEE SHEET 38
10	BLACK OLIVE	BUCIDA BUCERAS	28	44	40	491+46.43	21' RT	FAIR	REMAIN	SEE SHEET 38
11	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	4	16	8	491+09.92	42' RT	GOOD	REMAIN	
12	WEeping FIG	FICUS BENJAMINA	36	40	44	491+08.72	32' RT	FAIR	REMAIN	
13	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	6	16	12	490+96.09	48' RT	GOOD	REMAIN	
14	SPANISH BAYONET	YUCCA ALOIFOLIA	10	16	12	490+93.33	46' RT	FAIR	REMAIN	
15	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	3	16	8	490+75.40	1' LT	GOOD	REMOVE	
16	COCONUT PALM	COCOS NUCIFERA	13	28	14	490+50.26	31' RT	FAIR	REMAIN	
17	SCHINUS TEREBINTHIFOLIUS	BRAZILIAN PEPPER	N/A	N/A	N/A	492+84.92	23' RT	N/A	REMOVE	INVASIVE

DATE

DESCRIPTION

DATE

DESCRIPTION

ASA CONSULTANTS, INC.
8935 NW 35th LANE, SUITE 200
DORAL, FL 33172
(754) 216-2027
CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134

MIAMI-DADE COUNTY
PUBLIC WORKS DEPARTMENT

ROAD NO.

COUNTY

PROJECT NUMBER

NE 10 AVE

MIAMI-DADE

EDP-MT-20190196

TREE DISPOSITION PLAN

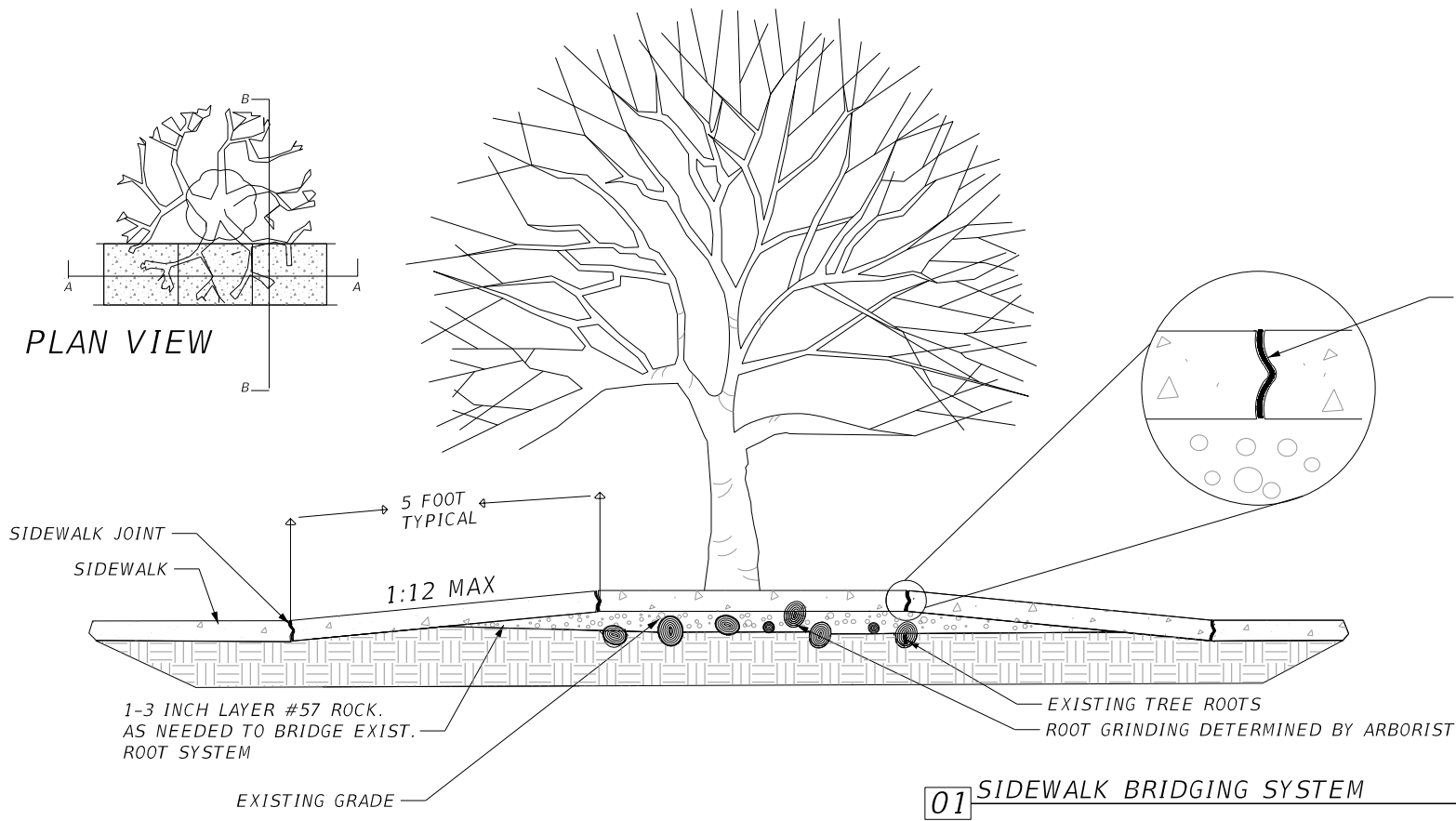
SHEET NO.
37

rburgess

5/1/2025 10:30:44 AM Default

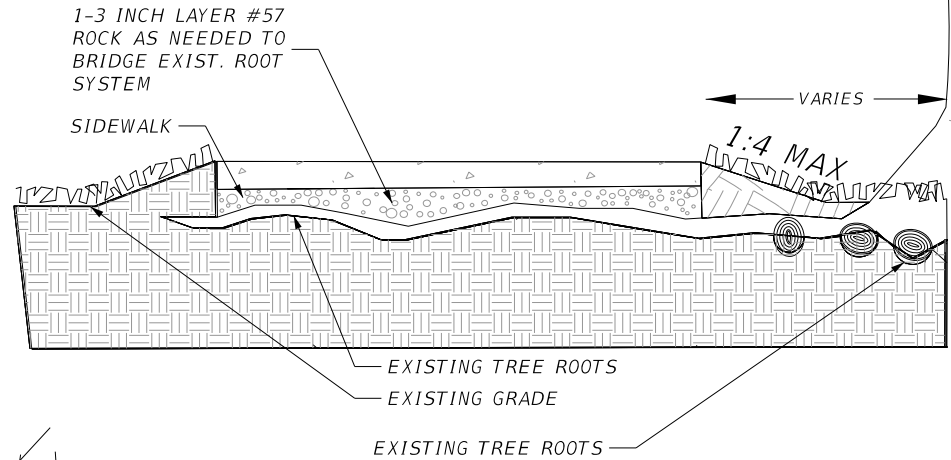
H:\Miami-Dade County\EDP\NE 10 Ave Bridge Replacement\03 CADD\EDP-MT-20190196\roadway\SPDTRD02A.dgn

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



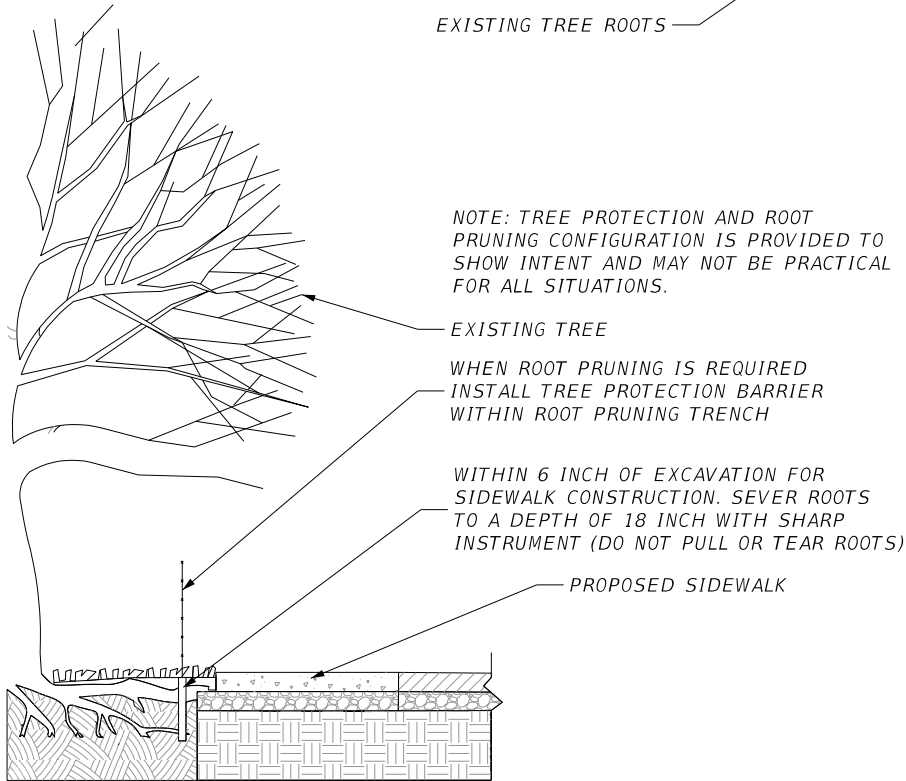
01 SIDEWALK BRIDGING SYSTEM

NOT TO SCALE



02 BRANCH PRUNING DETAIL TYPICAL SECTION

NOT TO SCALE



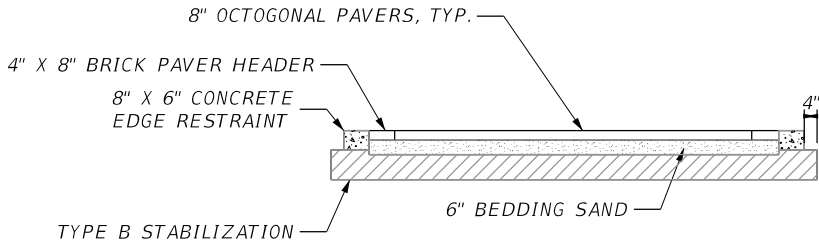
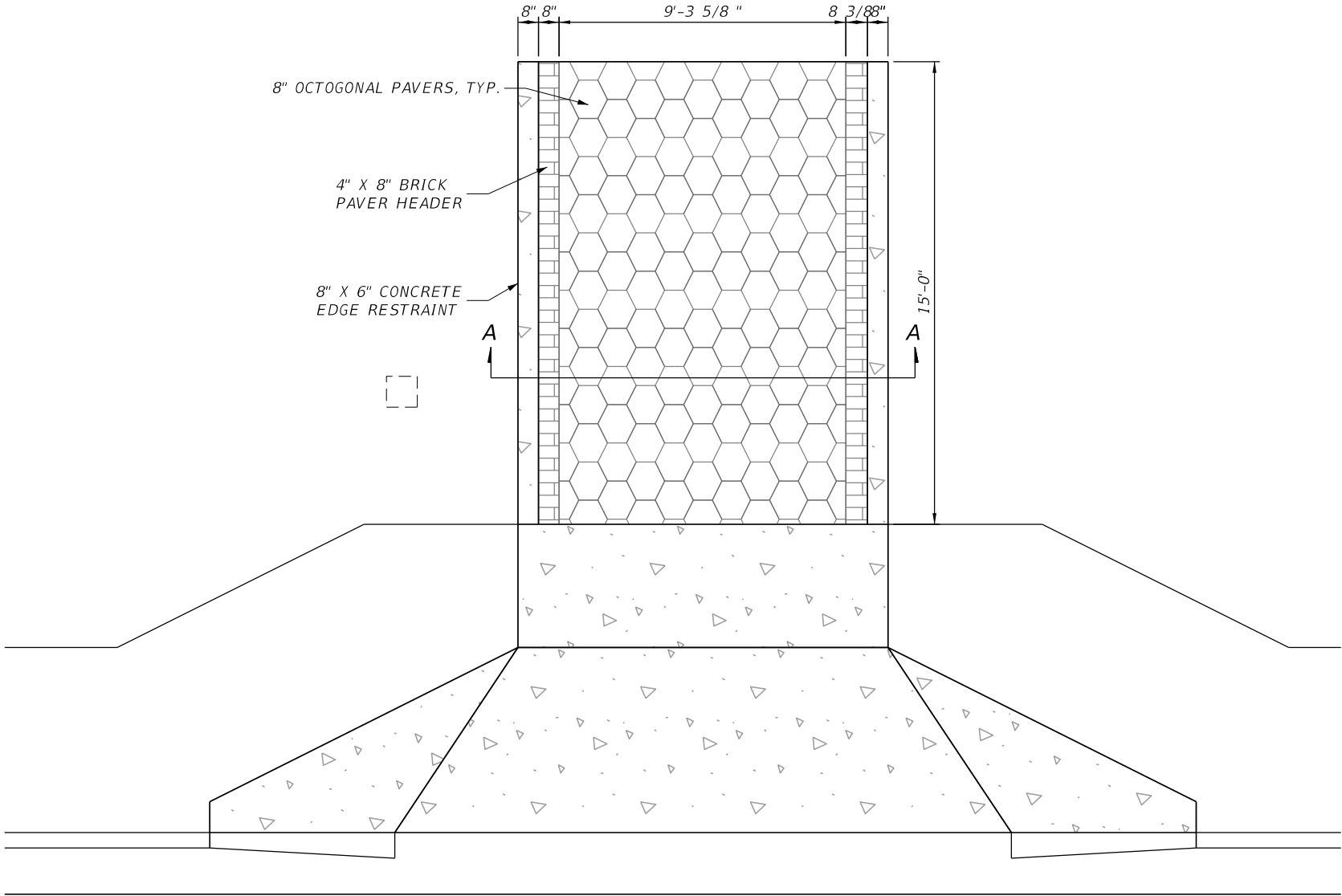
03 ROOT PRUNING AND TREE PROTECTION DETAIL

NOT TO SCALE

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			TREE PRESERVATION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		38

NOTES:

1.
- AT THE DISCRETION OF THE ENGINEER, THE EXISTING PAVERS MAY BE STOCKPILED AND REUSED IF THEY ARE IN ADEQUATE CONDITION.
2.
- PAVER COLOR TO BE COORDINATED AND AGREED UPON WITH THE PROPERTY OWNER.



REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			PAVER DRIVEWAY DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		39
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

REVISED PLANS FOR ADDENDUM No.2

ADDITIONAL PAY ITEM NOTES MAY BE CONTAINED WITH THE OTHER COMPONENTS OF THE CONTRACT PLANS SET.

SHEET NO.	SHEET DESCRIPTION
SQ-1	SUMMARY OF LUMP SUM ITEMS
	SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS
SQ-2	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
SQ-3	SUMMARY OF MONITOR EXISTING STRUCTURES
SQ-4	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
	SUMMARY OF EARTHWORK
SQ-5	SUMMARY OF PAVEMENT
SQ-6	SUMMARY OF WALLS
	SUMMARY OF UTILITY ADJUSTMENTS
	SUMMARY OF RAILING
	SUMMARY OF PERMANENT BARRIERS
SQ-7	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS
SQ-8	SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS
	SUMMARY OF GUARDRAIL
SQ-9	SUMMARY OF PERFORMANCE TURF

[illegible]

rburgess	5/1/2025	10:30:50 AM	Default	H:\Miami-Dade County\EDP\NE 10 Ave Bridge Replacement\03 CADD\EDP-MT-20190196\roadway\SUMQRD01.dgn
----------	----------	-------------	---------	--

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES										
LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			104 10 3		104 11A		104 18			
			LF		LF		EA			
			P	F	P	F	P	F		
490+94.30 to 491+09.67	RT		21.8							
490+94.69 to 492+91.13	LT		196.4							
491+04.25 to 491+24.28	RT		24.4							
491+24.28 to 492+86.97	RT		162.7							
493+31.16 to 495+33.88	LT		202.7							
493+38.99 to 495+34.03	RT		195.0							
492+87.02 to 493+39.54	RT				54.5					
490+63.09 to 490+64.93	RT						1			
490+64.65 to 490+66.43	LT						1			
490+86.91 to 490+88.75	RT						1			
490+89.45 to 490+91.03	LT						1			
SUB-TOTAL :			803.0		54.5		4			
TOTAL :			803		55		4			

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		SQ-2

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

SUMMARY OF MONITOR EXISTING STRUCTURES								
SITE NO.	LOCATION	STRUCTURE USAGE	INSPECTION & SETTLEMENT MONITORING		VIBRATION MONITORING		DESIGN NOTES	CONSTRUCTION REMARKS
	ADDRESS AND/OR STA.		0108 1		0108 2			
			LS		LS			
			P	F	P	F		
1	8300 NE 10TH AVE / 491+42.85 LT	RESIDENTIAL	X		X			
2	8301 NE 10TH AVE / 491+28.62 RT	RESIDENTIAL	X		X			
3	986 NE 84TH ST / 494+29.22 LT	RESIDENTIAL	X		X			
TOTAL			1		1			

THIS LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY MIAMI-DADE COUNTY) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FDOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		SQ-3

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

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

REVISED PLANS FOR ADDENDUM No.2

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.						AREA (AC)	P	F	P	F		
110 1 1B	CLEARING AND GRUBBING	490+67.84 TO 490+82.72	LT/RT	31999			LS	0.004	1		1		(0.506 TOTAL AC)	
		490+86.21 TO 492+88.72	LT/RT	31957				0.296						
		493+33.72 TO 495+39.30	LT/RT	31988				0.206						
110 4 0 CO	REMOVAL AND DISPOSAL OF EXISTING CURB & GUTTER	490+27.20 TO 490+47.39	LT/RT	28369			LF		32.0		661			
		490+75.28 TO 490+75.28	LT	28178					17.6					
		490+85.93 TO 491+40.21	LT	10064					70.7					
		490+86.28 TO 491+56.86	RT	10068					79.2					
		491+03.27 TO 491+23.47	LT/RT	26612					32.0					
		493+89.10 TO 495+11.34	LT	24647					87.8					
		493+90.59 TO 495+35.32	RT	10080					169.2					
		493+92.29 TO 495+39.04	LT	10078					171.9					
580 3	TREE PROTECTION BARRICADES	490+38.85 TO 490+38.85	LT				LF		15		120			
		491+08.72 TO 491+08.72	RT						15					
		491+46.43 TO 491+46.43	RT						15					
		491+82.17 TO 491+82.17	RT						15					
		492+01.85 TO 492+01.85	RT						15					
		492+22.65 TO 492+22.65	RT						15					
		493+99.29 TO 493+99.29	RT						15					
		495+02.23 TO 495+02.23	RT						15					
110 22A	TREE ROOT AND BRANCH PRUNING	491+46.43 TO 491+46.43	RT				EA		1		4		SEE TREE PRESERVATION DETAILS	
		491+82.17 TO 491+82.17	RT						1					
		492+01.85 TO 492+01.85	RT						1					
		492+22.65 TO 492+22.65	RT						1					

SUMMARY OF EARTHWORK						
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS	
		P	F			
120 1	REGULAR EXCAVATION					
	NE 10TH AVE	411.3				
	TOTAL REGULAR EXCAVATION	411.3				
120 4	REGULAR SUBSOIL EXCAVATION					
	NE 10TH AVE	124.4				
	TOTAL REGULAR SUBSOIL EXCAVATION	124.4		6" TOPSOIL REMOVAL		
120 5	CHANNEL EXCAVATION					
	ADEMAR CANAL	794.9				
	TOTAL CHANNEL EXCAVATION	794.9				
120 6	EMBANKMENT					
	NE 10TH AVE	118.4				
	ADEMAR CANAL	0.0				
	TOTAL EMBANKMENT	118.4				

EARTHWORK HAS BEEN CALCULATED USING THE LIMEROCK BASE OPTION

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		SQ-4
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

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

REVISED PLANS FOR ADDENDUM No.2

SUMMARY OF PAVEMENT															
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION						P	F	P	F			
160 4	TYPE B STABILIZATION	491+30.00 TO 492+68.70	RECONSTRUCTION	LT/RT	15739			SY	411.0		845				
		493+53.70 TO 495+00.00	RECONSTRUCTION	LT/RT	15744				433.5						
285702	BASE OPTIONAL , BASE GROUP 02	491+45.21 TO 491+57.21	DRIVEWAY 1	LT	13060			SY	12.0		36				
		492+15.21 TO 492+39.21	DRIVEWAY 3	LT	13065				24.0						
285706	OPTIONAL BASE , BASE GROUP 06	490+28.06 TO 490+47.41	SPLITTER ISLAND	LT/RT	28212			SY	6.8		745				
		490+67.84 TO 490+82.72	TRAFFIC CIRCLE	LT/RT	28198				19.5						
		490+84.54 TO 490+95.02	MINOR WIDENING	RT	12767				4.7						
		491+03.27 TO 491+23.47	SPLITTER ISLAND	LT/RT	12731				7.1						
		491+30.00 TO 492+68.70	RECONSTRUCTION	LT/RT	12760				339.1						
		493+53.70 TO 495+00.00	RECONSTRUCTION	LT/RT	12761				357.6						
		495+00.00 TO 495+11.32	MINOR WIDENING	LT	12768				5.2						
		495+27.32 TO 495+40.67	MINOR WIDENING	LT	12769				4.3						
0327 70 4A	MILLING EXIST ASPH PAVT , 3" AVG DEPTH	489+95.24 TO 491+30.00	SOUTH END	LT	28244			SY	588.8		1044				
		495+00.00 TO 496+00.00	NORTH END	LT/RT	10602				454.9						
0334 1 52	SUPERPAVE ASPHALTIC CONCRETE , TRAFFIC B , PG 76-22	489+95.24 TO 491+30.00	MILLING AREA	LT/RT	12478			TN	67.14		197.3				
		490+84.54 TO 490+95.02	MINOR WIDENING	RT	12536				0.52						
		491+30.00 TO 492+68.70	RECONSTRUCTION	LT/RT	10784				37.30						
		491+45.21 TO 491+57.21	DRIVEWAY 1	LT	10774				0.99						
		492+15.21 TO 492+39.21	DRIVEWAY 3	LT	10779				1.98						
		493+53.70 TO 495+00.00	RECONSTRUCTION	LT	10785				39.34						
		495+00.00 TO 496+00.00	MILLING AREA	LT/RT	12578				48.92						
		495+00.00 TO 495+11.32	MINOR WIDENING	LT	12633				0.57						
		495+27.32 TO 495+40.67	MINOR WIDENING	LT	12634				0.47						
0337 7 82	ASPHALT CONCRETE FRICTION COURSE , TRAFFIC B , FC-9.5 , PG 76-22	489+95.24 TO 491+30.00	MILLING AREA	LT/RT	12640			TN	33.57		107.9				
		490+84.54 TO 490+95.02	MINOR WIDENING	RT	12708				0.26						
		491+30.00 TO 492+68.70	RECONSTRUCTION	LT/RT	12441				18.65						
		492+68.70 TO 492+88.70	APPROACH SLAB 1	LT/RT	27545				5.35						
		493+33.70 TO 493+53.70	APPROACH SLAB 2	LT/RT	27552				5.35						
		493+53.70 TO 495+00.00	RECONSTRUCTION	LT/RT	12442				19.67						
		495+00.00 TO 495+11.32	MINOR WIDENING	LT	12317				0.28						
		495+00.00 TO 496+00.00	MILLING AREA	LT/RT	12268				24.50						
		495+27.32 TO 495+40.67	MINOR WIDENING	LT	12316				0.24						

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		SQ-5

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

SUMMARY OF WALLS													
WALL NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS		
			STA. TO STA.			P	F	P	F				
1	0400 4 11	CONCRETE CLASS IV, RETAINING WALL	493+33.70 TO 494+19.30	LT	CY	67.2		67.2					
1	0415 1 3	REINFORCEING STEEL, RETAINING WALL	493+33.70 TO 494+19.30	LT	LB	5,784.0		5,784					

SUMMARY OF UTILITY ADJUSTMENTS										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STATION			P	F	P	F		
425 5	MANHOLE ADJUSTMENT	490+67.04	RT	EA	1		3		STORM SEWER MANHOLE	
		492+50.76	LT	EA	1				STORM SEWER MANHOLE	
		492+78.77	RT	EA	1				STORM SEWER MANHOLE	
425 5 1	ADJUST MANHOLE (UTILITIES)	490+74.85	LT	EA	1		2		MDWASD SS MANHOLE	
		495+48.53	LT	EA	1				MDWASD SS MANHOLE	
425 6	ADJUST EXISTING VALVE BOXES	490+54.19	LT	EA	1		9		MDWASD WATER VALVE	
		490+79.09	LT	EA	1				MDWASD WATER VALVE	
		490+81.57	LT	EA	1				MDWASD WATER VALVE	
		490+87.41	RT	EA	1				MDWASD WATER VALVE	
		490+99.05	LT	EA	1				MDWASD WATER VALVE	
		491+24.86	LT	EA	1				MDWASD WATER VALVE	
		495+37.78	RT	EA	1				MDWASD WATER VALVE	
		495+52.68	LT	EA	1				MDWASD WATER VALVE	
		495+59.67	LT	EA	1				MDWASD WATER VALVE	

SUMMARY OF RAILING							
LOCATION	SIDE	PED/BICYCLE RAILING		ALUMINUM BULLET RAILING		DESIGN NOTES	CONSTRUCTION REMARKS
		0515 2311		0515 4 1			
		LF		LF			
		P	F	P	F		
493+53.70 TO 495+19.30	LT			165.6			
493+53.70 TO 495+00.00	RT	146.3					
SUB-TOTAL :		146.3		165.6			
TOTAL :		146		166			

SUMMARY OF PERMANENT BARRIERS										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0521 72 100	SHOULDER CONCRETE BARRIER WALL, SPECIAL DESIGN	492+58.70 TO 492+68.70	RT	LF	10.0		40		TRANSITION BARRIER	
		492+58.70 TO 492+68.70	LT	LF	10.0					
		493+53.70 TO 493+63.70	RT	LF	10.0					
		495+19.30 TO 495+29.30	LT	LF	10.0					
0521 5 4	CONCRETE TRAFFIC RAILING, 32" VERTICAL FACE	493+53.70 495+19.30	LT	LF	165.6		166			

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES		SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	PROJECT NUMBER			SQ-6
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196			

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY					TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				GROSS LENGTH	DEDUCTIONS		NET LENGTH		P	F		
							TYPE	LENGTH	P	F				
0520 1 10B	CONCRETE CURB & GUTTER, TYPE F	490+86.21 TO 492+68.72	LT		LF	203.8			203.8		787			
		490+86.56 TO 492+68.72	RT			197.9			197.9					
		493+53.72 TO 495+30.81	RT			181.4			181.4					
		493+53.72 TO 495+39.30	LT			203.7			203.7					

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS														
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		CONCRETE PAVERS SIDEWALKS		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					522 1		522 2		526 1 2C		527 2			
SY					SY		SY		SF					
STA. TO STA.					P	F	P	F	P	F	P	F		
491+21.71 TO 491+45.21	LT	19110			15.6									
491+24.75 TO 491+57.72	RT	19115			22.1									
491+57.21 TO 492+15.21	LT	19113			38.9									
491+69.72 TO 492+68.72	RT	19116			66.1									
492+39.21 TO 492+88.72	LT	19114			42.5									
493+53.72 TO 495+19.30	LT	19117			110.4									
493+53.72 TO 495+06.19	RT	19118			109.4									
490+89.81 TO 491+21.71	LT	19365					22.6							
490+94.67 TO 491+24.75	RT	19728					19.7							
491+35.21 TO 491+67.21	LT	19366					21.1						DRIVEWAY - 1	
491+47.72 TO 491+79.72	RT	19729					23.3						DRIVEWAY - 2	
492+05.21 TO 492+49.21	LT	19367					34.4						DRIVEWAY - 3	
495+06.19 TO 495+25.19	LT	19730					10.1							
495+19.30 TO 495+33.06	RT	19737					6.6							
491+58.39 TO 491+69.06	RT	23963							17.8				DRIVEWAY - 2	
490+47.95 TO 490+57.06	RT	13779									14.9			
490+60.35 TO 490+63.46	LT	13785									9.9			
490+90.07 TO 490+95.50	LT	13790									12.8			
490+95.11 TO 491+02.38	RT	13796									14.9			
495+12.19 TO 495+25.19	RT	32029									24.2			
495+26.49 TO 495+33.57	LT	13804									12.4			
495+61.70 TO 495+67.16	RT	13817									10.3			
495+71.59 TO 495+78.47	LT	13822									12.1			
SUB-TOTAL :					405.0		137.8		17.8		111.5			
TOTAL :					405		138		18		112			

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		SQ-7

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



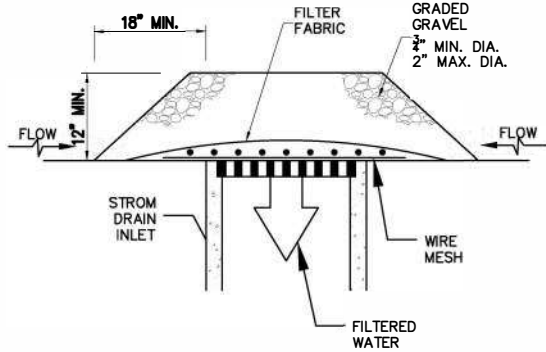
SUMMARY OF GUARDRAIL					
LOCATION	SIDE	GUARDRAIL - REMOVAL		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.		536 73B			
		LF			
		P	F		
492+58.57 TO 492+89.03	RT	30.5		DISPOSE	
493+49.25 TO 493+87.46	LT	38.2		DISPOSE	
SUB-TOTAL :		68.7			
TOTAL :		69			

CRodriguez	8/14/2025 3:43:43 PM	Default	H:\Miami-Dade County\EDP\NE 10 Ave Bridge Replacement\03 CADD\EDP-MT-20190196\roadway\SUMORD01.dgn
------------	----------------------	---------	--

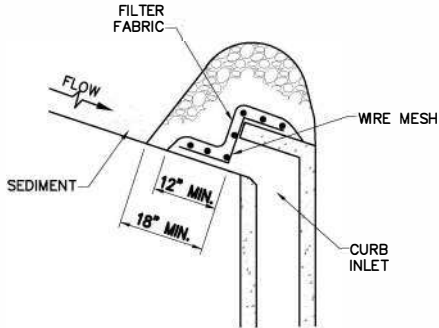
SUMMARY OF SODDING								
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					575 1 1			
					SY			
					P	F		
489+95.25 TO 490+49.88	RT	13377			40.1			
489+95.27 TO 490+62.28	LT	13318			80.6			
490+39.98 TO 490+62.79	RT	13385			15.9			
490+60.20 TO 490+67.25	LT	13325			8.0			
490+88.29 TO 491+45.21	LT	13334			59.6			
490+88.58 TO 491+57.72	RT	13392			133.4			
491+57.21 TO 492+15.21	LT	13348			76.9			
491+69.72 TO 492+86.99	RT	13404			179.3			
491+69.72 TO 492+73.72	RT	13435			26.5			
491+83.20 TO 492+28.75	RT	13455			3.8			
492+28.75 TO 492+68.72	RT	13414			15.3			
492+39.21 TO 492+93.41	LT	13358			33.1			
492+68.72 TO 492+73.72	RT	13427			3.1			
493+38.83 TO 495+32.04	RT	13460			194.8			
495+19.30 TO 495+37.30	LT	13470			8.4			
495+55.24 TO 495+71.85	RT	13491			24.3			
495+60.17 TO 496+00.02	LT	13480			16.2			
495+65.79 TO 496+00.02	RT	13502			32.1			
495+75.69 TO 496+00.02	LT	13512			11.9			
SUB-TOTAL :					963.3			
TOTAL :					963			

REVISIONS				ASA CONSULTANTS, INC. 8935 NW 35th LANE, SUITE 200 DORAL, FL 33172 (754) 216-2027 CARLOS M. RODRIGUEZ, PE; LIC. NO. 79134	MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		SQ-9

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



DROP INLET
PROTECTION-GRAVEL



CURB INLET
PROTECTION-GRAVEL

GRAVEL APPLICATIONS (TYP.)
OR APPROVED ALTERNATIVE

NOTES FOR INLET PROTECTION GRAVEL:

1- INSTALLATION/APPLICATION CRITERIA:

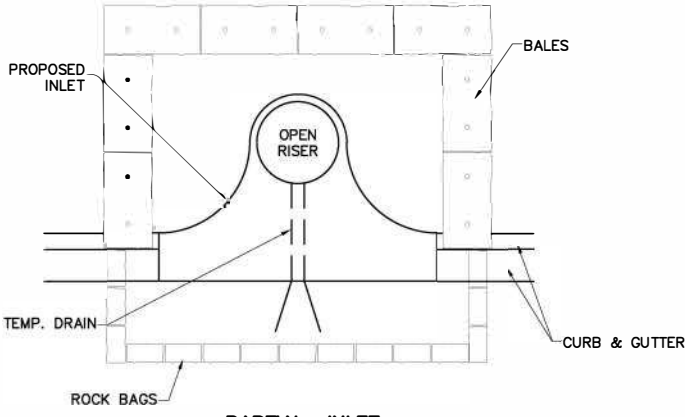
- PLACE WIRE MESH (WITH 1/2 INCH OPENINGS) OVER THE INLET GRATE EXTENDING ONE FOOT PAST THE GRATE IN ALL DIRECTIONS.
- PLACE FILTER FABRIC OVER THE MESH. FILTER FABRIC SHOULD BE SELECTED BASED ON SOIL TYPE.
- PLACE GRADED GRAVEL, TO A MINIMUM DEPTH OF 12 INCHES, OVER THE FILTER FABRIC AND EXTENDING 18 INCHES PAST THE GRATE IN ALL DIRECTIONS.

2- MAINTENANCE:

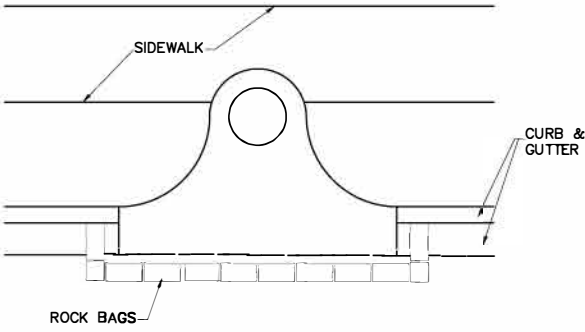
- INSPECT INLET PROTECTION AFTER EVERY LARGE STORM EVENT AND AT A MINIMUM OF ONCE MONTHLY.
- REMOVE SEDIMENT ACCUMULATED WHEN IT REACHES 4 INCHES IN DEPTH.
- REPLACE FILTER FABRIC AND CLEAN OR REPLACE GRAVEL IF CLOGGING IS APPARENT.

3- LIMITATIONS:

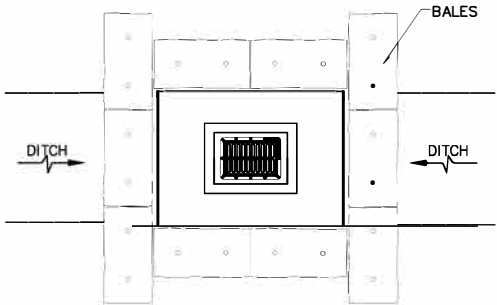
- RECOMMENDED FOR MAXIMUM DRAINAGE AREA OF ONE ACRE.
- EXCESS FLOWS MAY BYPASS THE INLET REQUIRING DOWN GRADIENT CONTROLS.
- PONDING WILL OCCUR AT INLET.



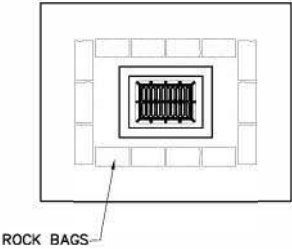
PARTIAL INLET



COMPLETED INLET



DITCH BOTTOM INLET



SWALE INLET

PROTECTION ALONG INLETS WITH ROCK BAGS BALES
OR APPROVED ALTERNATIVES

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS:

- 1- TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH CHART 1, SHEET 1 OF 2010 FDOT DESIGN STANDARDS INDEX 102.
- 2- BALES SHALL BE ANCHORED WITH TWO (2) 1"x2" (or 1" dia.) x 4' WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- 3- RAILS AND POSTS SHALL BE 2"x4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAYBE USED IF APPROVED BY THE ENGINEER.
- 4- ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
- 5- WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

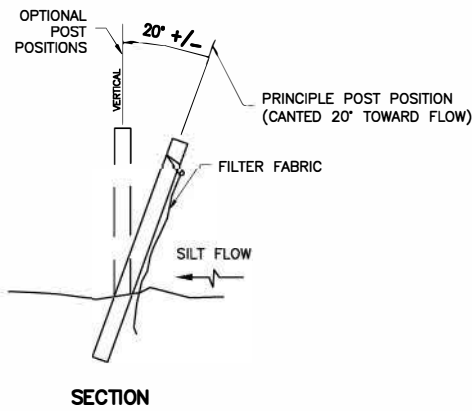
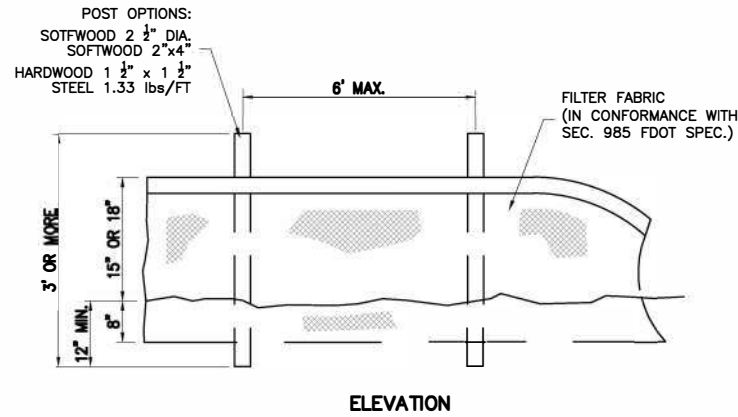
INLET PROTECTION SYSTEM (TYP.)
OR APPROVED ALTERNATIVE

ASA CONSULTANTS, INC.

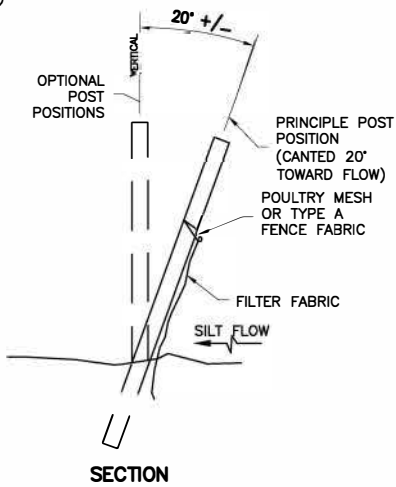
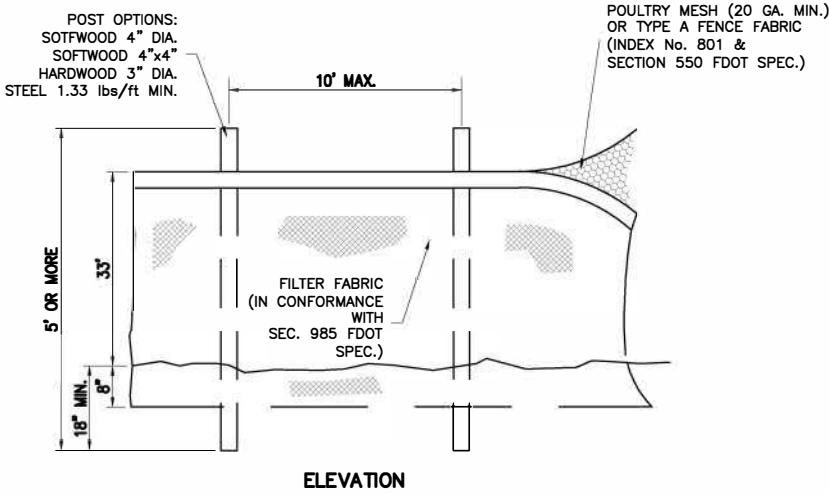
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY			CHECKED BY		
SUPERVISED BY					

MIAMI-DADE COUNTY	DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK, CHIEF 1171 NW 1 ST MIAMI, FLORIDA 33128
-------------------	--

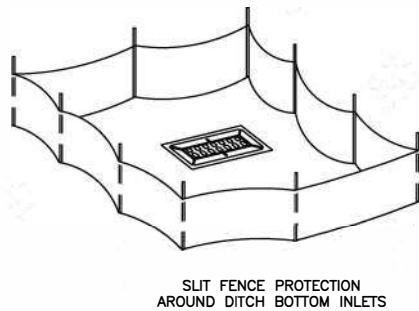
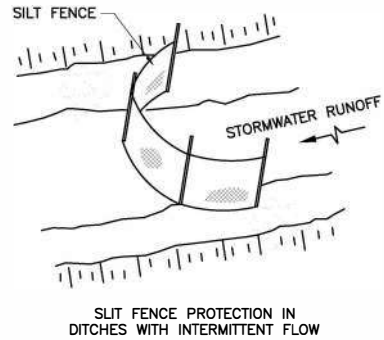
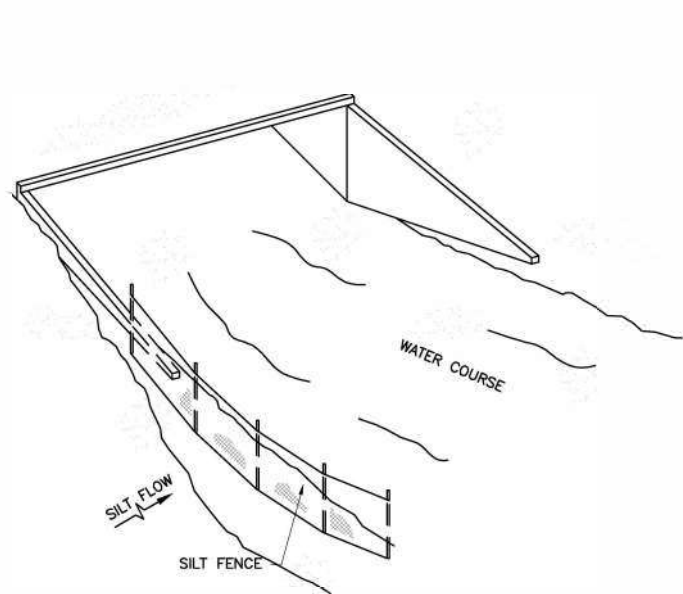
INLET PROTECTION SYSTEMS
DETAILS



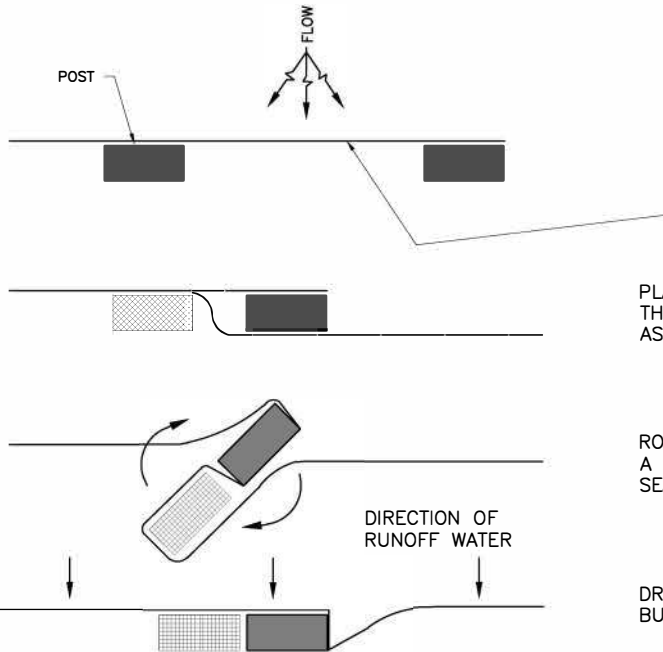
TYPE III SILT FENCE (TYP.)



TYPE IV SILT FENCE (TYP.)



SILT FENCE APPLICATIONS (TYP.)



PLACE THE END POST OF ONE FENCE BEHIND THE END POST OF THE OTHER FENCE AS SHOWN.

ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.

DRIVE BOTH POSTS INTO THE GROUND AND BURY FLAP

PLANT VIEW
JOINING TWO SILT FENCES (TYP.)

NOTES FOR SILT FENCES:

- 1- TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 2010 FDOT DESIGN STANDARDS INDEX 102.
- 2- TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.

- 3- DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
- 4- WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.

SEDIMENT BARRIERS (TYP.)
OR APPROVED ALTERNATIVE

ASA CONSULTANTS, INC.

DESIGNED BY	CHECKED BY	NAME	DATE	DRAWN BY	CHECKED BY	NAME	DATE
SUPERVISED BY:							

MIAMI-DADE COUNTY		DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION	
		STEPHEN P. CLARK, CENTER 177 NW 1 ST MIAMI, FLORIDA 33128	

SEDIMENT BARRIERS
DETAIL

REVISED PLANS FOR ADDENDUM No.2

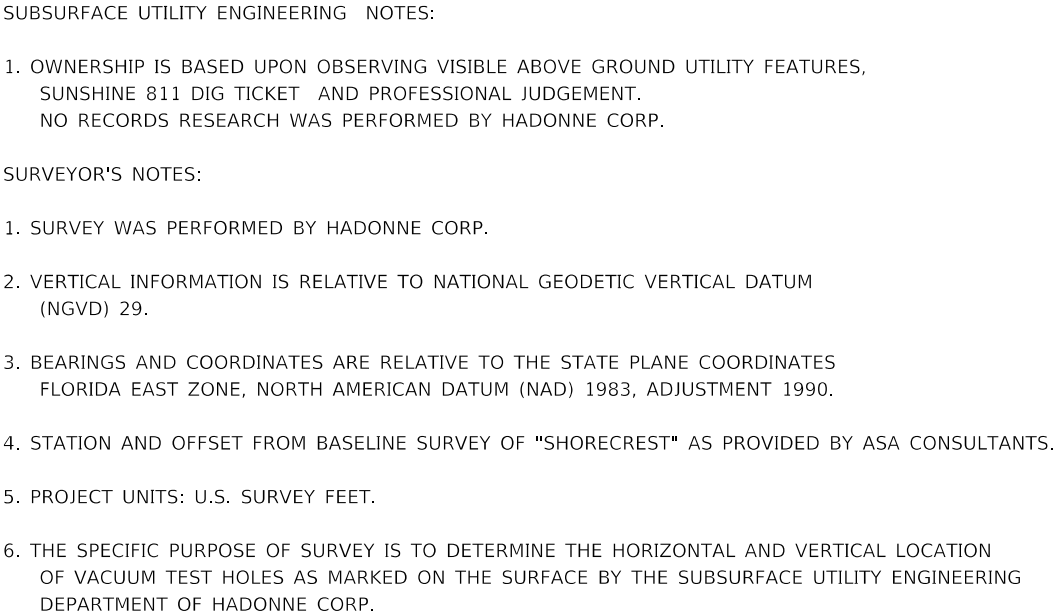
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

SURVEYOR'S CERTIFICATION

ON THE DATE ADJACENT TO THE SEAL.

HADONNE CORP.
1985 NW 88TH COURT, SUITE 101
DORAL, FL 33172
CERTIFICATE OF AUTHORIZATION: LB7097
ABRAHAM HADAD, PSM No. 6006

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
UTV-1	VERIFIED UTILITY LOCATE SHEET



REVISIONS				ABRAHAM HADAD, PSM SURVEYOR LICENSE NUMBER 6006 HADONNE CORP. 1985 NW 88TH COURT, SUITE 101 DORAL, FL 33172 CERTIFICATE OF AUTHORIZATION No. 7097	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			VERIFIED UTILITY LOCATE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		UTV-1
					NE 10 AVE	MIAMI-DADE	EDP-MT-20190196		

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS

PLANS FOR PROPOSED BRIDGE REPLACEMENT

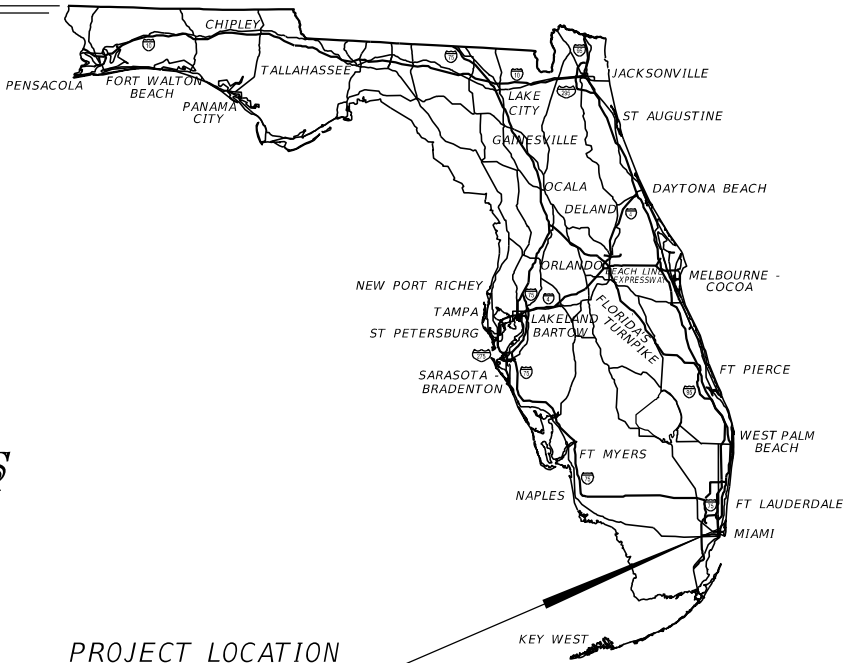
NE 10TH AVENUE BRIDGE 874178 REPLACEMENT
OVER THE ADEMAR CANAL (BRIDGE NO. 874185)
FROM NE 83RD STREET TO NE 84TH STREET

FUNDS: MOBILITY IMPACT FEE (M.I.F.)
MIAMI-DADE COUNTY DTPW PROJECT NO. EDP-MT-20190196

SIGNING AND PAVEMENT MARKING PLANS

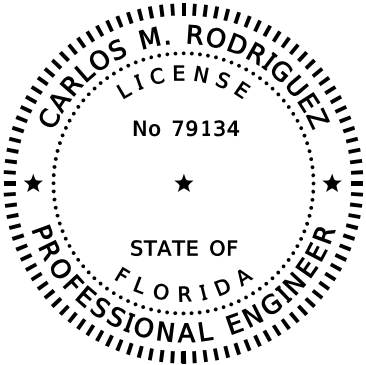
INDEX OF SIGNING AND
PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4	SIGNING & PAVEMENT MARKING PLAN
S-5	GUIDE SIGN WORKSHEET



PROJECT LOCATION

<https://goo.gl/maps/iLpAWNRX81vGbv6>



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

Carlos Rodriguez Date: 2025.05.01
13:01:47-04'00'

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
IN THE ELECTRONIC DOCUMENTS.

SIGNING AND
PAVEMENT MARKING PLANS
ENGINEER OF RECORD:

CARLOS M. RODRIGUEZ, P.E.
P.E. NO.: 79134
8935 NW 35TH LANE, SUITE 200
DORAL, FL 33172
754-216-2027
CONTRACT NO.: EDP-PSA-2017 R
VENDOR NO.: F465512620

MIAMI-DADE COUNTY
PROJECT MANAGER:

JAQCUELINE ALCINA, P.E.

FISCAL YEAR	SHEET NO.
26	S-1