

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
LIGHTING PLANS
LANDSCAPE PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
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S-2.0	R/W MAINTENANCE MAPS (2 SHEETS)
G-1.1 - G-1.4	GENERAL NOTES (4 SHEETS)
G-2.0	STORM WATER POLLUTION PREVENTION NOTES & DETAILS
C-1.1 - C-1.2	HORIZONTAL CONTROL PLAN (2 SHEETS)
C-2.1 - C-2.2	TYPICAL SECTIONS AND SUBSURFACE UTILITIES LAYOUT (2 SHEETS)
C-3.1 - 3.2	SUMMARY OF DRAINAGE STRUCTURES (2 SHEETS)
C-4.1 - C-4.7	ROADWAY PLAN AND PROFILE (7 SHEETS)
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C-8.0	SPECIAL SITE DETAILS
C-9.1 - C-9.5	SIGNING AND PAVEMENT MAKING PLAN (5 SHEETS)
C-10.1-C-10.6	PGD DETAILS (6 SHEETS)
C-11.1-C-11.4	SIGNING AND PAVEMENT MARKING DETAILS (4 SHEETS)
C-12.0	MOT DETAILS

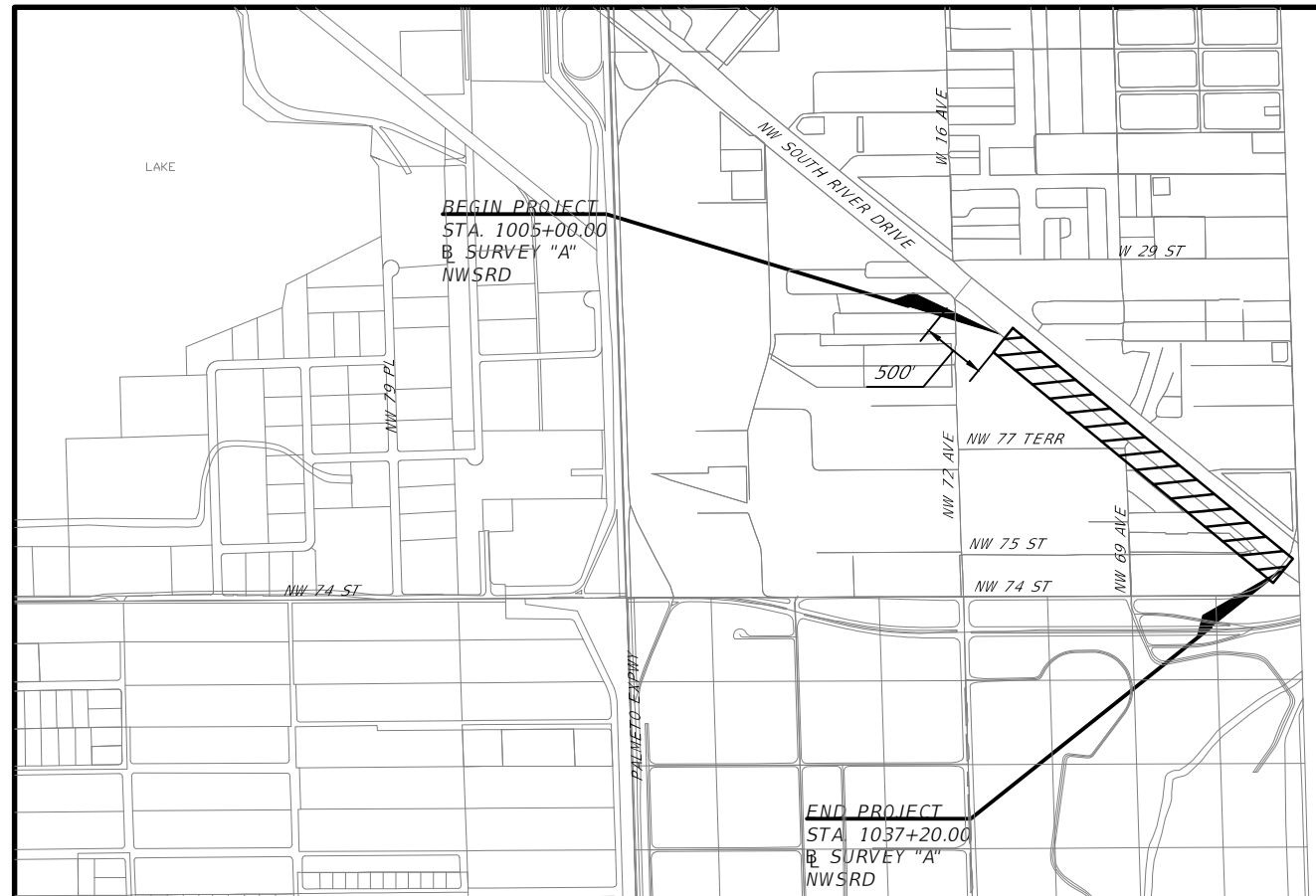
VOLUME 1 OF 2
CONSTRUCTION PLANS

KEY SHEET REVISIONS	
DATE	DESCRIPTION

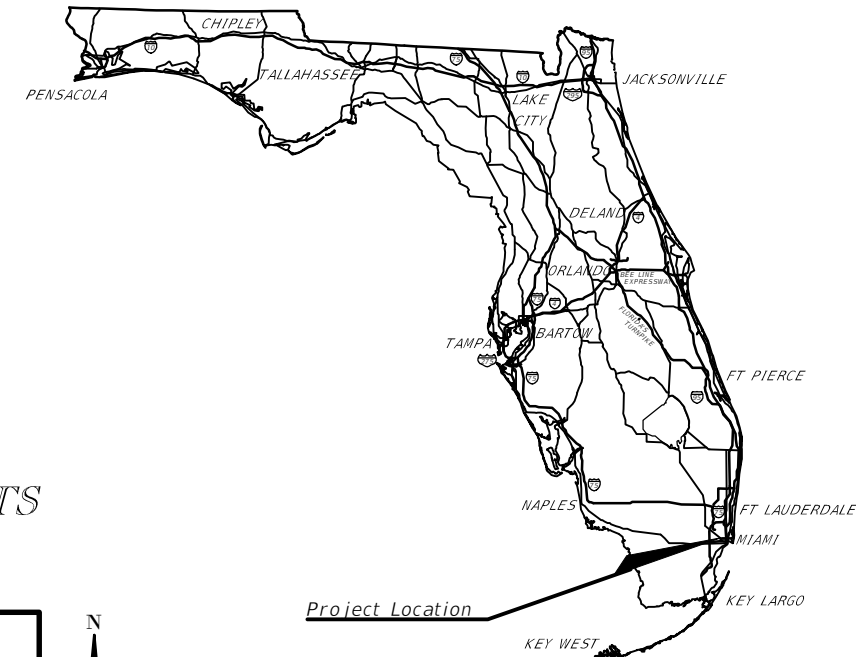
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING



NW SOUTH RIVER DRIVE
EAST SIDE STREET AND DRAINAGE IMPROVEMENTS
(FROM NW 72 AVENUE TO 74 STREET)
TOWN PROJECT NO. SW-0117.05



N
SCALE=1":1500'



TOWN OF MEDLEY COUNCIL
MAYOR: ROBERTO MARTELL
VICE MAYOR: JACK MORROW
COUNCILPERSON: EDGAR AYALA
GRISIELIA DIGIACOMO
SUSANA GUASCH

PLANS PREPARED BY:
EAC
EAC Consulting, Inc.
815 NW 57 AVENUE, SUITE 402
MIAMI, FLORIDA 33126
WWW.EACCONSULT.COM
CA.# 7011

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

PROJECT LENGTH IS BASED ON $\frac{1}{2}$ OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	3149.94	0.597
BRIDGES	N/A	N/A
NET LENGTH OF PROJECT	3149.94	0.597
EXCEPTIONS	70.06	0.013
GROSS LENGTH OF PROJECT	3220	0.610

TOWN OF MEDLEY PROJECT MANAGER: JORGE CORZO, P.E. (TOWN ENGINEER)

100% SUBMITTAL
JUNE 22, 2015

ENGINEER OF RECORD: MICHAEL ADEIFE, P.E.

P.E. NO.: 56094

FISCAL YEAR	SHEET NO.
15	C-0.0

MAP OF TOPOGRAPHIC SURVEY

A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE, LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.

SURVEYOR'S NOTES:

SECTION 1) DATE OF FIELD SURVEY:

1. The date of completion of original field Survey was on July 31, 2014.

SECTION 2) GENERAL DESCRIPTION OF THE SURVEY AREA:

A portion of the Public Right-of-Ways of NW South River Drive between NW 74th Street and NW 72nd Avenue, lying in Section 11, Township 53 South, Range 40 East, Miami-Dade County, Florida.

SECTION 3) ACCURACY:

The accuracy obtained by field measurement methods and office calculations of closed geometric figures meets and exceeds the Minimum Technical Standards requirement for Suburban area (Linear: 1 foot in 7,500 feet) as defined in Rule 5J-17.051, Florida Administrative Code.

Elevations of well identified features as depicted on the Survey Map were measured to an estimated vertical position accuracy of 1/100 of a foot on hard surfaces and 1/10 of a foot on ground surfaces.

Well identified features as depicted on the Survey Map were measured to an estimated horizontal position accuracy of 1/10 of a foot.

This Map of Survey is intended to be displayed at a scale of One inch equals Thirty feet or smaller.

SECTION 4) SOURCES OF DATA:

North arrow direction is based on an assumed Meridian.

Bearings as shown hereon are based upon the Florida State Plane Coordinates, Florida East Zone, North American Datum (NAD) of 1983 adjustment of National Geodetic Survey-Cors 1996 (NAD86/CORS96).

This property appears to be located in Flood Zones "X", "AH" with a Base Flood Elevation of 7.0 Feet, as per Federal Emergency Management Agency (FEMA) Community Number 120649 (Town of Medley), Map Panels No. 12086C0283, 12086C0281, 12086C077 Suffix L, Map Revised Date: September 11, 2009.

Legal Description was furnished by the client.

Plat of "FLORIDA FRUIT LAND'S COMPANY SUBDIVISION", recorded in Plat Book 2, at Page 17, Public Records of Miami-Dade County Florida.

Plat of "MEDLEY GARDEN HEIGHTS", recorded in Plat Book 59, at Page 79, Public Records of Miami-Dade County Florida.

Centerline of Miami Canal C-6 per Baseline Control Survey prepared for SOUTH FLORIDA WATER MANAGEMENT DISTRICT, sheets 9 through 12 of 21 sheets in total, File No. C-6RW-88-0531D, Drawing NO. C-6-5, last dated OCTOBER, 1988.

All elevations shown hereon are based on the National Geodetic Vertical Datum of 1929, and Benchmarks supplied by the Public Works Department of Miami-Dade County, Florida. The following Benchmarks were used for Vertical Control:

1. Benchmark: N-911. Elevation: + 13.80 feet. Located at Dade County Brass Disk in sidewalk at NW corner of bridge over Miami River Canal C-6 (NW 72 Ave), Miami-Dade County, Florida.

2. Benchmark: H-335-1. Elevation: + 13.32 feet. Located at Dade County Brass Bar in SE corner of bridge over Miami River Canal C-6 NW. 67 Avenue - Just East of and N Royal Poinciana Blvd - 15 feet North of Centerline, Miami-Dade County, Florida.

For Horizontal Control:

The following Horizontal and Vertical Control Data were obtained from the Florida Permanent Network Web Site (a Florida Reference Station Service Provider, www.myfloridagps.com).

Florida Permanent Network Control Stations:

Name: MIAMI 6 (MIAM)
Code: MIAM
Geographic Coordinates:
Latitude: 25°30' 03.79601" N
Longitude: 80°33' 00.43281" W
State Plane Coordinates:
Northing: 509,427.49 US Feet
Easting: 931,640.11 US Feet
Creation Date: 08-02-2010
Receiver Type: TRIMBLE NETRS
Satellite System: GPS Only
Coverage Radius: 30 km

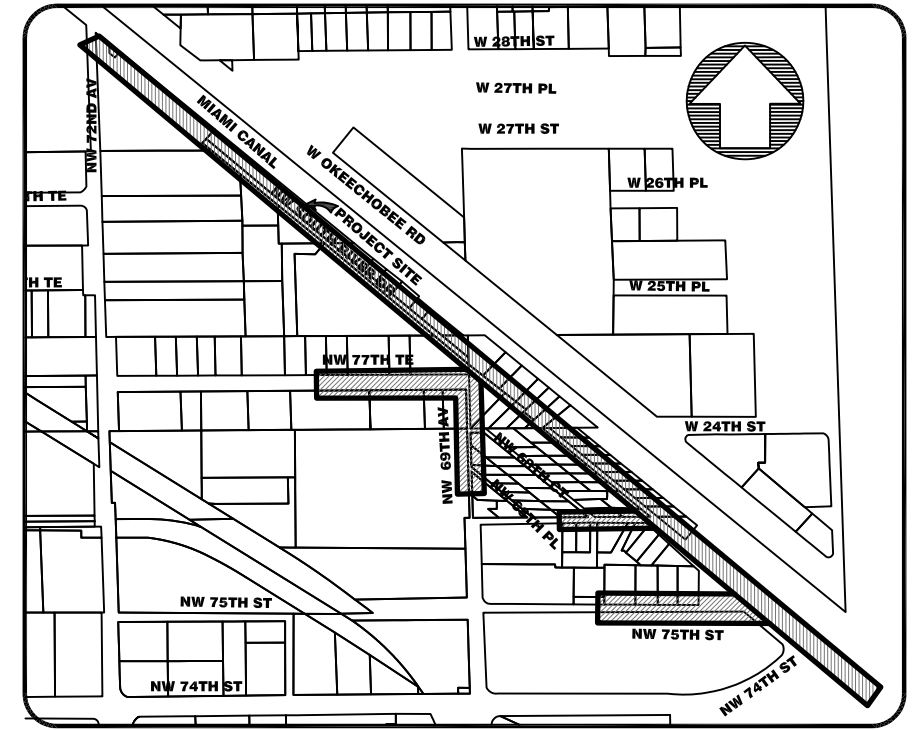
Name: MIAMI 3 (RICHMOND)
Code: RMND
Geographic Coordinates:
Latitude: 25°36' 49.58922" N
Longitude: 80°23' 02.14116" W
State Plane Coordinates:
Northing: 465,790.41 US Feet
Easting: 859,175.16 US Feet
Creation Date: 08-02-2010
Receiver Type: LEICA GRX1200PRO
Satellite System: GPS Only
Coverage Radius: 30 km

SECTION 5) LIMITATIONS:

The express purpose of this Map of Survey is to depict the capture of horizontal and vertical field data of the constructed improvements on a delimited area for design purposes.

As to the determination of tree, palm and planting species falls outside the purview of the land surveying practice, all information with respect to same is hereby presented for informational purposes only.

SECTION 11 - TOWNSHIP 53 SOUTH - RANGE 40 EAST



LOCATION MAP NOT TO SCALE

Since no other information was furnished other than that is cited in the Sources of Data, the Client is hereby advised that there may be legal restrictions on the Subject Property that are not shown on the Survey Map that may be found in the Public Records of Miami-Dade County.

The Surveyor makes no representation as to ownership or possession of the Subject Property by any entity or individual that may appear on the Public Records of this County.

No excavation or determination was made as to how the Subject Property is served by utilities.

No improvements were located, other than those shown. No underground foundations, improvements and/or utilities were located or shown hereon.

SECTION 6) CLIENT INFORMATION:

This Topographic Survey was prepared at the insistence of and certified to:

TOWN OF MEDLEY

SECTION 7) SURVEYOR'S CERTIFICATE:

I hereby certify: That this "Topographic Survey" and the Survey Map resulting therefrom was performed under my direction and is true and correct to the best of my knowledge and belief and further, that said "Topographic Survey" meets the intent of the applicable provisions of the "Minimum Technical Standards for Land Surveying in the State of Florida", pursuant to Rule 5J-17.051 through 5J-17.052 of the Florida Administrative Code and its implementing law, Chapter 472.027 of the Florida Statutes.

HADONNE CORP., a Florida Corporation
Florida Certificate of Authorization Number LB7097

By: _____ Signature Date: _____
Abraham Hadad, PSM Registered Surveyor and Mapper LS6006
State of Florida

NOTICE: Not valid without the signature and original raised seal of a Florida Licensed Surveyor and Mapper. Additions or deletions to Survey Maps by other than the signing party are prohibited without the written consent of the signing party.

LEGEND TABLE:

DRWY = DRIVEWAY	P.G. = PAGE	☉ = TELEPHONE MANHOLE	—— = RIGHT OF WAY LINE
D.M.E. = DRAINAGE MAINTENANCE EASEMENT	PL = PROPERTY LINE	Ⓧ = DRAINAGE MANHOLE	— . . — = PROPERTY LINE
C.M.E. = CANAL MAINTENANCE EASEMENT	ELEVATION = ELEVATION	Ⓢ = SANITARY SEWER MANHOLE	- - - - = EASEMENT LINE
UE = UTILITY EASEMENT	BL. = BLOCK	T.B.M. = TEMPORARY BENCH MARK	—○— = IRON FENCE
BLDG. = BUILDING	CL = CLEANOUT	W = WATER MANHOLE	—//— = WOOD FENCE
C.B. = CATCH BASIN	DCB = DRAINAGE CATCH BASIN	M.L.P. = METAL LIGHT POLE	—X— = CHAIN LINK FENCE
C.B.S. = CONCRETE BLOCK STRUCTURE	CA = CENTRAL ANGLE	(M) = MEASURED	— — = OVERHEAD UTILITY LINE
(C) = CALCULATED	CSA = CENTRAL ANGLE	(R) = RECORD	[Brick Pattern] = BRICK
L = CENTER LINE	CSA = CENTRAL ANGLE	MLP = METAL LIGHT POLE	[Concrete Pattern] = CONCRETE
CONC. = CONCRETE	CSA = CENTRAL ANGLE	(M) = MEASURED	[Gravel Pattern] = GRAVEL
F.N.D. = FOUND NAIL/DISK	CSA = CENTRAL ANGLE	(M) = MEASURED	[Tile Pattern] = TILE
N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	CSA = CENTRAL ANGLE	(M) = MEASURED	[Pavement Pattern] = PAVEMENT
INV. EL. = INVERT ELEVATION	CSA = CENTRAL ANGLE	(M) = MEASURED	[CBS Wall Pattern] = CBS WALL
P.B. = PLAT BOOK	CSA = CENTRAL ANGLE	(M) = MEASURED	
CMP = CORRUGATED METAL PIPE	CSA = CENTRAL ANGLE	(M) = MEASURED	
R = RESIDENCE	CSA = CENTRAL ANGLE	(M) = MEASURED	
R/W = RIGHT OF WAY	CSA = CENTRAL ANGLE	(M) = MEASURED	
SEC. = SECTION	CSA = CENTRAL ANGLE	(M) = MEASURED	
T.O.P. = TOP OF PIPE	CSA = CENTRAL ANGLE	(M) = MEASURED	
SWK = SIDEWALK	CSA = CENTRAL ANGLE	(M) = MEASURED	

NOTICE:
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LEGEND AND ABBREVIATIONS

REVISIONS

MAP OF BOUNDARY SURVEY

of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY



HADONNE
CORP. LB7097
PROFESSIONAL LAND SURVEYORS AND MAPPERS
8700 West Flagler Street, Suite 420, Miami, FL 33174
ph.: 305.266.1188 · fax: 305.207.6845 · www.hadonne.com

Job No.: 09002
Field Book: 100-37
DRAWN BY: MG
CHECKED BY: RI
1/18

P:\HADONNE\09002 NW South River Drive, Section 11\dwg\TOPO\09002 ROUTE SURVEY TOWN OF MEDLEY B-14-2014.dwg 10/8/2014 9:14:43 AM EDT

MAP OF TOPOGRAPHIC SURVEY

A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE,
LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.

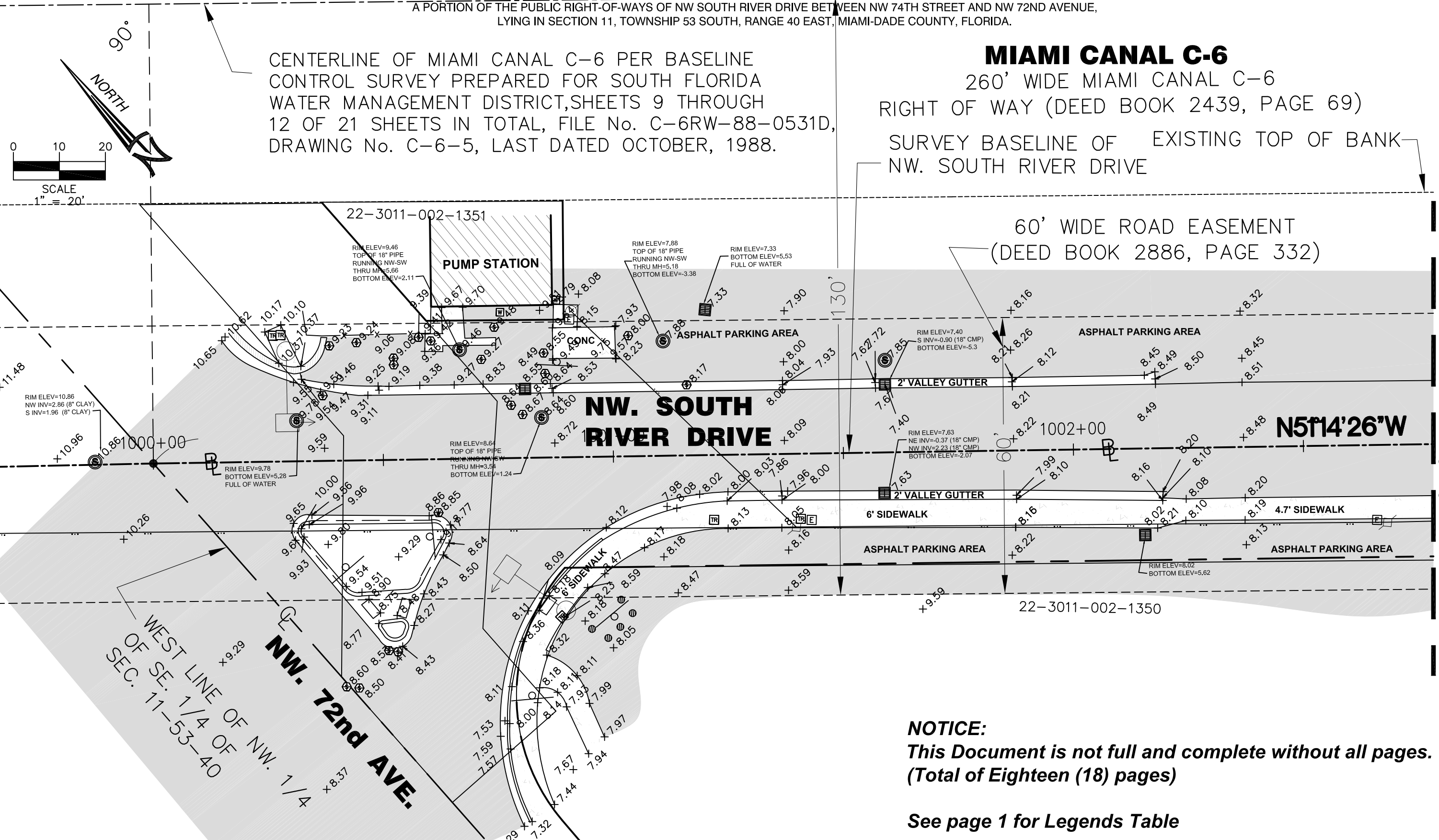
CENTERLINE OF MIAMI CANAL C-6 PER BASELINE CONTROL SURVEY PREPARED FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT, SHEETS 9 THROUGH 12 OF 21 SHEETS IN TOTAL, FILE No. C-6RW-88-0531D, DRAWING No. C-6-5, LAST DATED OCTOBER, 1988.

MIAMI CANAL C-6

260' WIDE MIAMI CANAL C-6
RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

SURVEY BASELINE OF EXISTING TOP OF BANK
NW. SOUTH RIVER DRIVE

60' WIDE ROAD EASEMENT
(DEED BOOK 2886, PAGE 332)



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SEE SHEET 3

NW. SOUTH RIVER DRIVE

N51°14'26"W

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See page 1 for Legends Table

LEGEND AND ABBREVIATIONS

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DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(M) = MEASURED VALUE
U.P. = UTILITY POLE	C. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(R) = RECORD VALUE
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	(D) = DEED VALUE
A/C = AIR CONDITIONING PAD	R.B. = RIGHT OF BANK	P.L. = POINT OF INTERSECTION	OU. = OVERHEAD UTILITY LINE
A = ARC DISTANCE	CONC. = CONCRETE	W. = WATER	PL. = POINT OF INTERSECTION
BLDG. = BUILDING	P.R.C. = POINT OF REVERSE CURVE	F.F.E. = FINISH FLOOR ELEVATION	W.F. = WOOD FENCE
C.B. = CATCH BASIN	P.C.B. = POINT OF BEGINNING	L.P. = LIGHT POLE	—X— = CHAIN LINK FENCE
	F.N.D. = FOUND NAIL/DISK	P/L. = PROPERTY LINE	= C.B.S. WALL

REVISIONS

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NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY

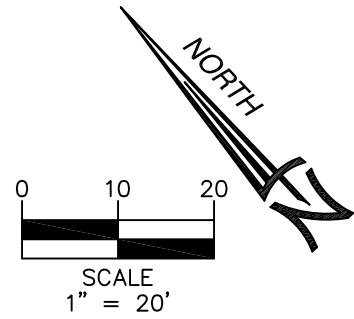


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Field Book: 100-37
DRAWN BY: MG
CHECKED BY: RI
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MAP OF TOPOGRAPHIC SURVEY

A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE, LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.



MIAMI CANAL C-6

260' WIDE MIAMI CANAL C-6
RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

CENTERLINE OF MIAMI CANAL C-6 PER BASELINE CONTROL SURVEY PREPARED FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT, SHEETS 9 THROUGH 12 OF 21 SHEETS IN TOTAL, FILE No. C-6RW-88-0531D, DRAWING No. C-6-5, LAST DATED OCTOBER, 1988.

EXISTING TOP OF BANK

22-3011-002-1350

60' WIDE ROAD EASEMENT
(DEED BOOK 2886, PAGE 332)

NW. SOUTH RIVER DRIVE

950'31'43"E

SURVEY BASELINE OF
NW. SOUTH RIVER DRIVE

22-3011-002-1350

22-3011-002-1320

TRACT-62

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SEE SHEET 2

SEE SHEET 4

LEGEND AND ABBREVIATIONS

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DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(C) = CENTRAL ANGLE	(R) = RECORD VALUE	(C) = UTILITY POLE
U.P. = UTILITY POLE	CL. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(D) = CATCH BASIN	(D) = DEED VALUE	(F) = FIRE HYDRANT
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	(S) = SANITARY SEWER	O.U.L. = OVERHEAD UTILITY LINE	(M) = METAL LIGHT POLE
A/C = AIR CONDITIONING PAD	(C) = CENTERLINE	R.B. = PLAT BOOK	(W) = WATER VALVE	(I) = INTERSECTION	(L) = LIGHT POLE
A = ARC DISTANCE	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	(F.F.E.) = FINISH FLOOR ELEVATION	(X) = CHAIN LINK FENCE	(W) = WATER METER
B.L.D.G. = BUILDING	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	(L.P.) = LIGHT POLE	(W) = WOOD FENCE	(C.T.V.B.) = CABLE TV BOX
C.B. = CATCH BASIN	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE		(W) = WOOD FENCE	

REVISIONS

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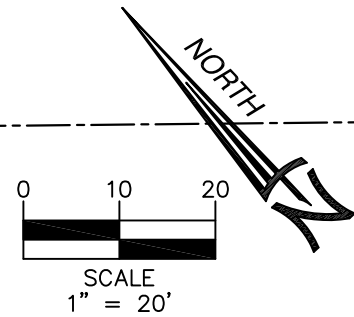


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CENTERLINE OF MIAMI CANAL C-6 PER BASELINE CONTROL SURVEY PREPARED FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT, SHEETS 9 THROUGH 12 OF 21 SHEETS IN TOTAL, FILE No. C-6RW-88-0531D, DRAWING No. C-6-5, LAST DATED OCTOBER, 1988.

MIAMI CANAL C-6

260' WIDE MIAMI CANAL C-6 RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

EXISTING TOP OF BANK

60' WIDE ROAD EASEMENT (DEED BOOK 2886, PAGE 332)

22-3011-002-1281

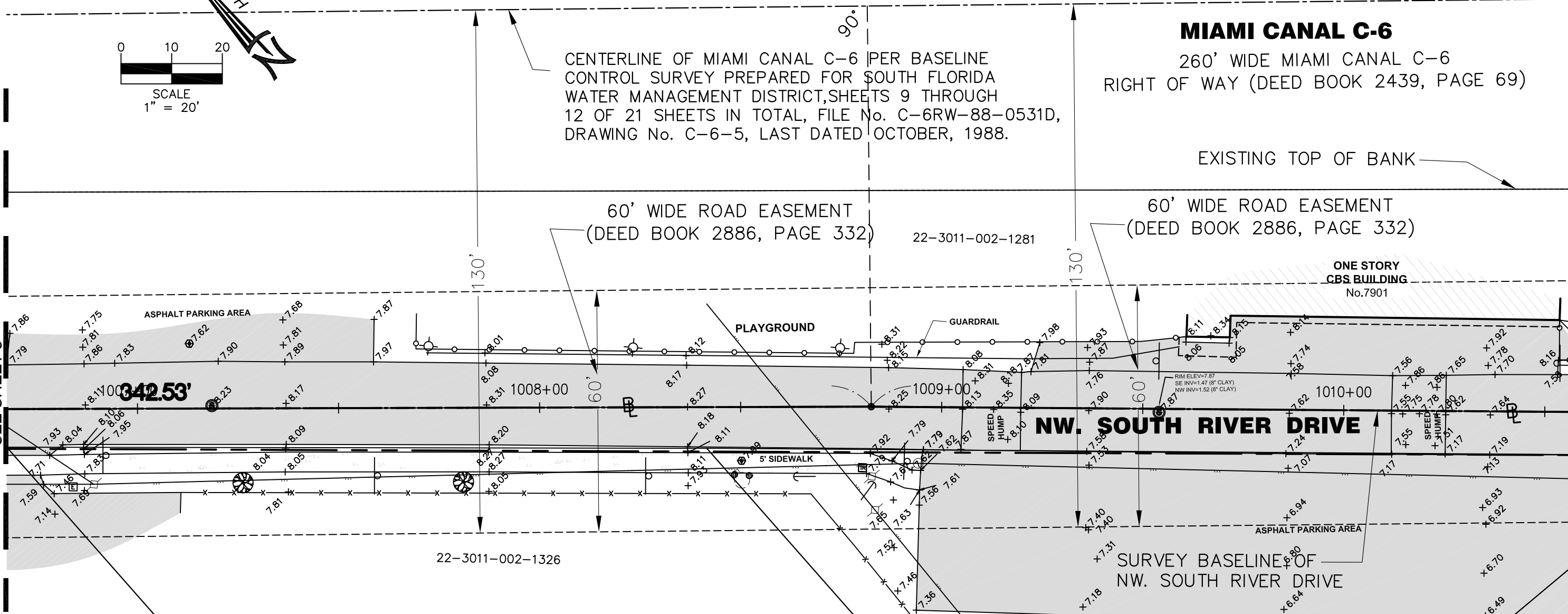
60' WIDE ROAD EASEMENT (DEED BOOK 2886, PAGE 332)

ONE STORY CBS BUILDING No.7901

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SEE SHEET 3

SEE SHEET 5



22-3011-002-1326

NW. SOUTH RIVER DRIVE

SURVEY BASELINE OF NW. SOUTH RIVER DRIVE

TOBIE WILSON PARK 22-3011-002-1280

22-3011-002-1243

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See page 1 for Legends Table

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(DRWY.) = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(C) = CENTRAL ANGLE	(R) = RECORD VALUE	(C) = UTILITY POLE
(U.P.) = UTILITY POLE	C. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(D) = DEED VALUE	(O) = OVERHEAD UTILITY LINE	(F.H.) = FIRE HYDRANT
(B.O.B.) = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	(O.U.L.) = OVERHEAD UTILITY LINE	(P.I.) = POINT OF INTERSECTION	(M.L.P.) = METAL LIGHT POLE
(E) = CENTERLINE	R.B. = RIGHT OF WAY	P.B. = PLAT BOOK	(P.I.) = POINT OF INTERSECTION	(L.P.) = LIGHT POLE	(W) = WATER VALVE
(A/C) = AIR CONDITIONING PAD	(C) = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	(W.F.) = WOOD FENCE	(W.F.) = WOOD FENCE	(L.F.) = LIGHT POLE
(A) = ARC DISTANCE	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	(L.F.) = LIGHT POLE	(L.F.) = LIGHT POLE	(W.M.) = WATER METER
(BLDG.) = BUILDING	P.C. = POINT OF CURVATURE	P.O.B. = POINT OF BEGINNING	(L.P.) = LIGHT POLE	(L.P.) = LIGHT POLE	(C.T.V.B.) = CABLE TV BOX
(C.B.) = CATCH BASIN	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE	(L.P.) = LIGHT POLE	(L.P.) = LIGHT POLE	(C.B.S. WALL) = C.B.S. WALL

REVISIONS

NO.	DATE	DESCRIPTION

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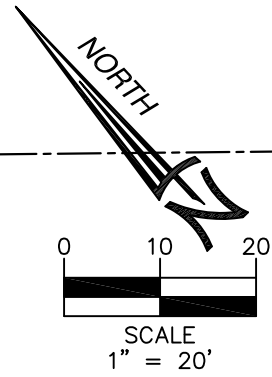


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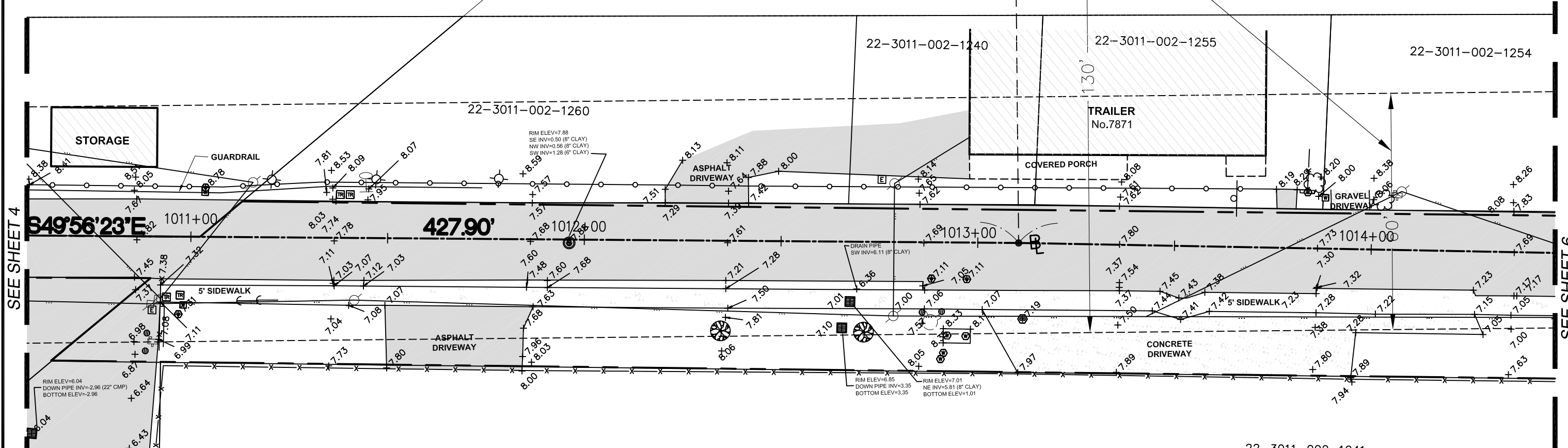
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60' WIDE ROAD EASEMENT
(DEED BOOK 2886, PAGE 332)



SEE SHEET 4

SEE SHEET 6

TRACT-61

"FLORIDA FRUIT LANDS CO'S SUBDIVISION No. 1" (PB. 2, PG. 17)

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LEGEND AND ABBREVIATIONS			
△ = ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE
DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(M) = MEASURED VALUE
U.P. = UTILITY POLE	C. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(R) = RECORD VALUE
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	(D) = DEED VALUE
A/C = AIR CONDITIONING PAD	CL. = CENTERLINE	P.B. = PLAT BOOK	O.U.L. = OVERHEAD UTILITY LINE
BLDG. = BUILDING	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	P.I. = POINT OF INTERSECTION
C.B. = CATCH BASIN	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	W.F. = WOOD FENCE
	P.C. = POINT OF CURVATURE	P.O.B. = POINT OF BEGINNING	—X— = CHAIN LINK FENCE
	F.N.D. = FOUND NAIL/DISK	F/L. = PROPERTY LINE	= C.B.S. WALL
			(L.P.) = LIGHT POLE
			(W.V.) = WATER VALVE
			(D.P.) = DRAIN PIPE
			(U.E.) = UTILITY EASEMENT
			(F.H.) = FIRE HYDRANT
			(M.L.P.) = METAL LIGHT POLE
			(L.P.) = LIGHT POLE
			(W.M.) = WATER METER
			(C.T.B.) = CABLE TV BOX

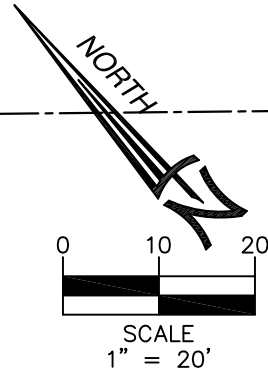
MAP OF BOUNDARY SURVEY
of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY

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Field Book: 100-37
DRAWN BY: MG
CHECKED BY: RI
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MAP OF TOPOGRAPHIC SURVEY

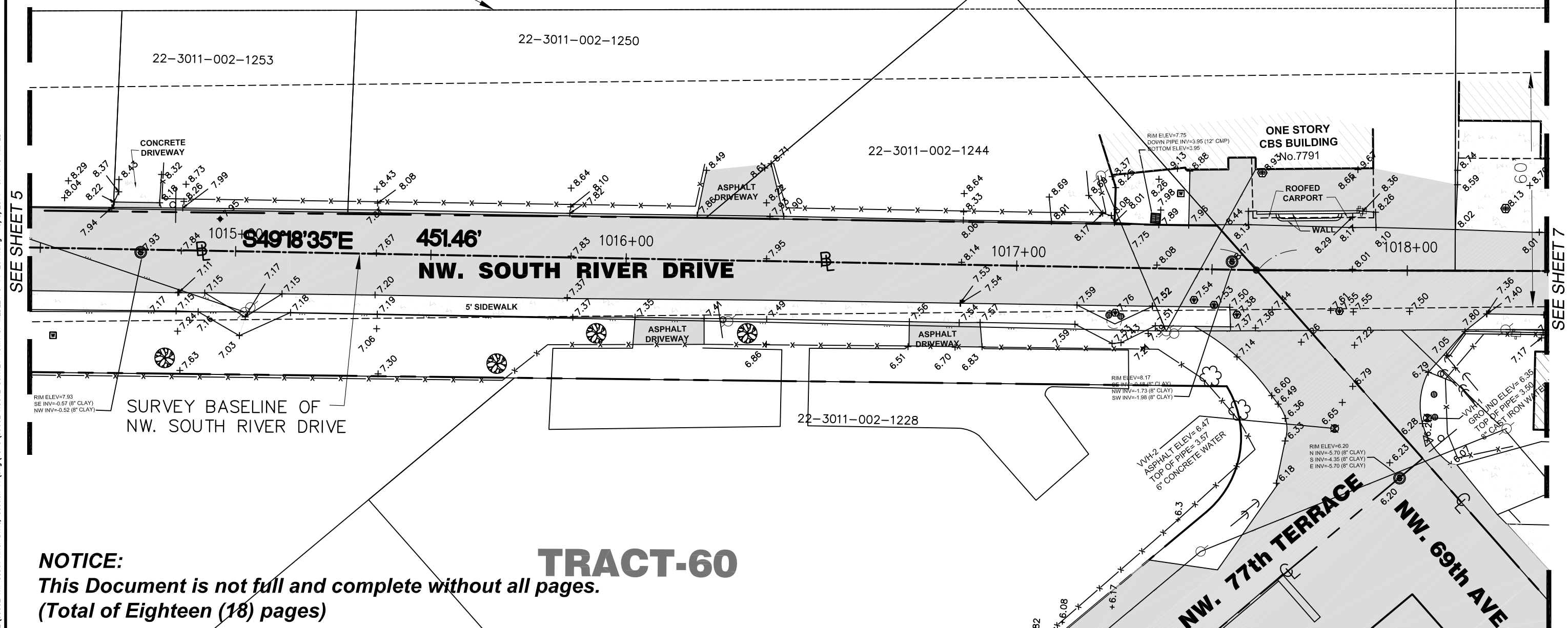
A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE, LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.



MIAMI CANAL C-6

260' WIDE MIAMI CANAL C-6
RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

EXISTING TOP OF BANK



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SEE SHEET 5

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TRACT-60

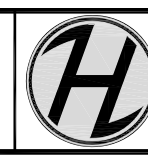
See page 1 for Legends Table

SEE SHEET 13

SEE SHEET 14

LEGEND AND ABBREVIATIONS			
ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE
DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(M) = MEASURED VALUE
U.P. = UTILITY POLE	C. = CALCULATED VALUE	(R) = RECORD VALUE	(R) = RECORD VALUE
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(D) = DEED VALUE
A = AIR CONDITIONING PAD	E = CENTERLINE	O.E. = OVERHEAD ELECTRIC LINE	O.U.L. = OVERHEAD UTILITY LINE
BLDG. = BUILDING	CONC. = CONCRETE	P.B. = PLAT BOOK	P.I. = POINT OF INTERSECTION
C.B. = CATCH BASIN	P.R.C. = POINT OF REVERSE CURVE	P.C.P. = PERMANENT CONTROL POINT	W. = WATER VALVE
	P.C. = POINT OF CURVATURE	P.G. = PAGE	W.F. = WOOD FENCE
	P.O.B. = POINT OF BEGINNING	P.O.C. = POINT OF CURVATURE	---X--- = CHAIN LINK FENCE
	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE	= C.B.S. WALL
			LP. = LIGHT POLE

MAP OF BOUNDARY SURVEY
of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY



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Job No.: 09002
Field Book: 100-37
DRAWN BY: MG
CHECKED BY: RI
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MAP OF TOPOGRAPHIC SURVEY

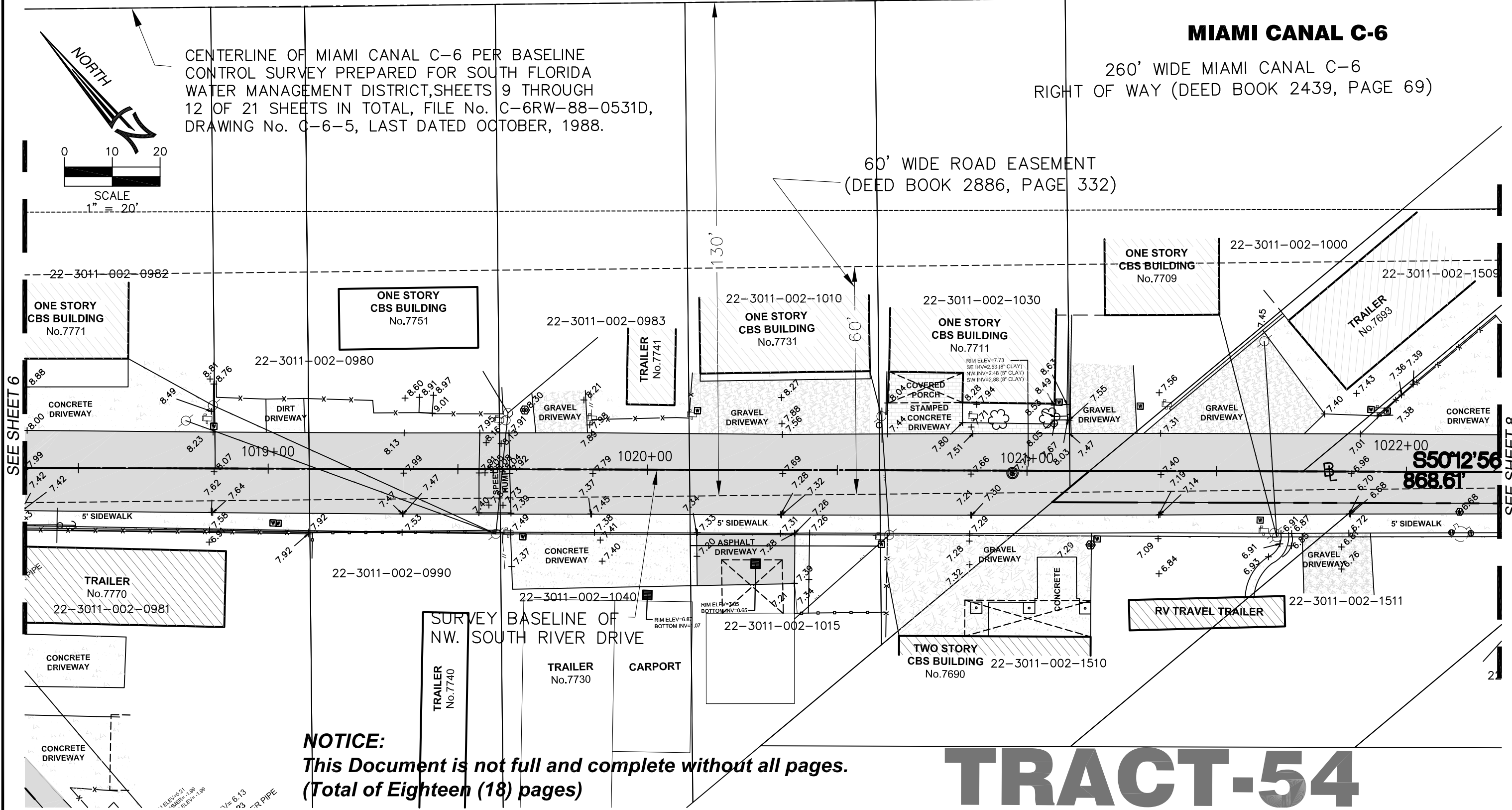
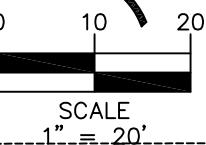
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LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.

MIAMI CANAL C-6

260' WIDE MIAMI CANAL C-6
RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

60' WIDE ROAD EASEMENT
(DEED BOOK 2886, PAGE 332)

CENTERLINE OF MIAMI CANAL C-6 PER BASELINE
CONTROL SURVEY PREPARED FOR SOUTH FLORIDA
WATER MANAGEMENT DISTRICT, SHEETS 9 THROUGH
12 OF 21 SHEETS IN TOTAL, FILE No. C-6RW-88-0531D,
DRAWING No. C-6-5, LAST DATED OCTOBER, 1988.



SEE SHEET 6

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TRACT-54

See page 1 for Legends Table

LEGEND AND ABBREVIATIONS

ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE
DRIVY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(M) = MEASURED VALUE
U.P. = UTILITY POLE	C = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(R) = RECORD VALUE
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	(D) = DEED VALUE
A/C = AIR CONDITIONING PAD	S = CENTERLINE	R.B. = PLAT BOOK	OUL = OVERHEAD UTILITY LINE
A = ARC DISTANCE	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	= POINT OF INTERSECTION
BLDG. = BUILDING	P.R.C. = POINT OF REVERSE CURVE	P.C. = PAGE	W = WATER VALVE
C.B. = CATCH BASIN	P.O.B. = POINT OF BEGINNING	P.O.B. = POINT OF BEGINNING	F.F.E. = FINISH FLOOR ELEVATION
	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE	L.P. = LIGHT POLE

REVISIONS

MAP OF BOUNDARY SURVEY

of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY



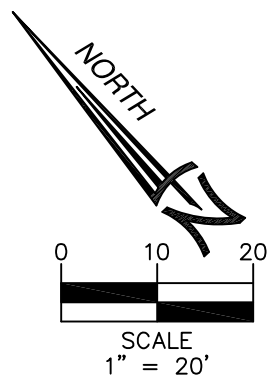
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MAP OF TOPOGRAPHIC SURVEY

A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE,
LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.

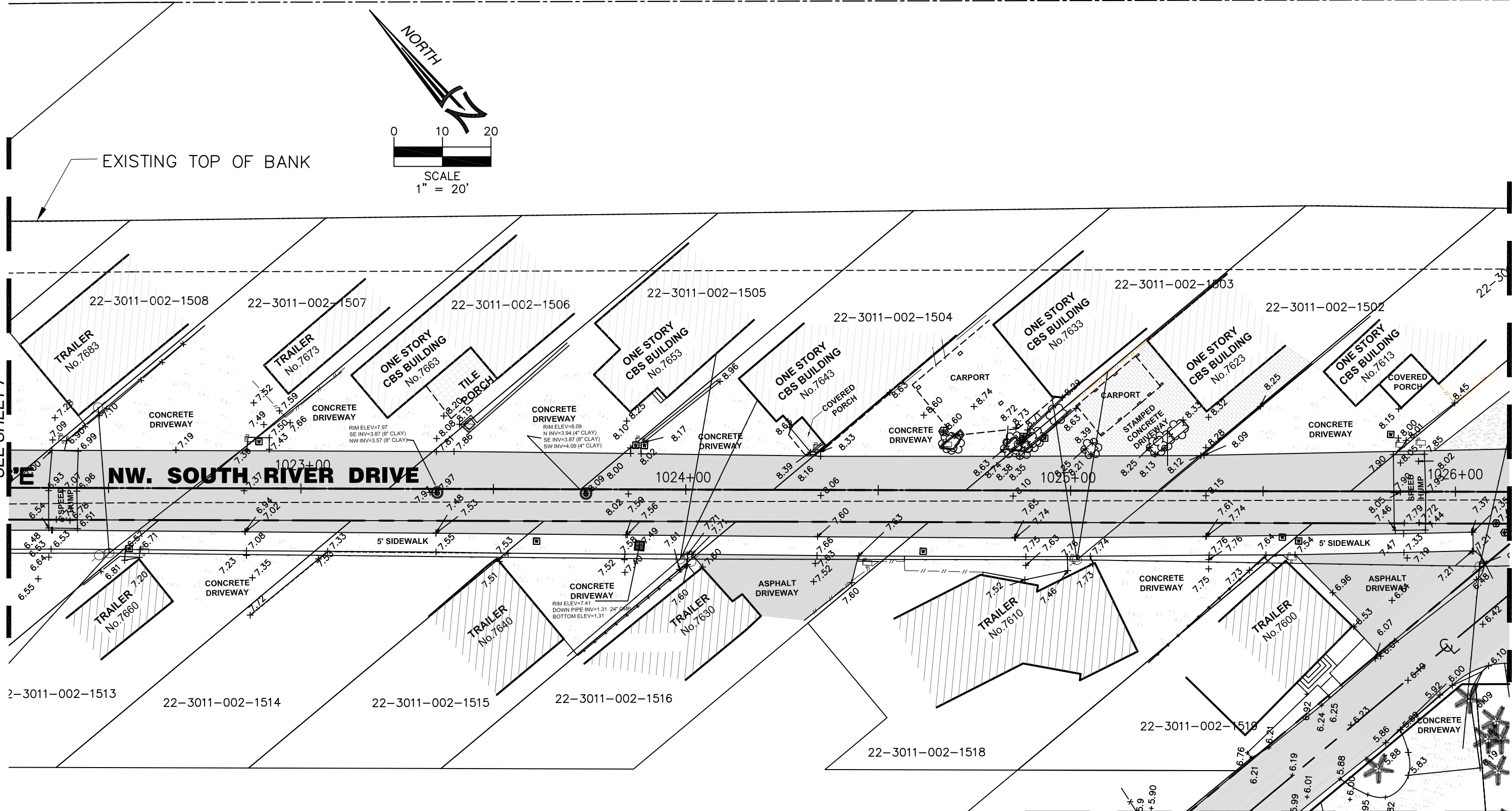


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SEE SHEET 7

SEE SHEET 9



SEE SHEET 15

LEGEND AND ABBREVIATIONS			
3.59	= ELEVATION	C.B.S.	= CONCRETE BLOCK STRUCTURE
DRWY.	= DRIVEWAY	CH.	= CHORD DISTANCE
U.P.	= UTILITY POLE	C	= CALCULATED VALUE
B.O.B.	= BASIS OF BEARINGS	(C)	= CLEAR
A/C	= AIR CONDITIONING PAD	CL.	= CENTERLINE
A	= ARC DISTANCE	CONC.	= CONCRETE
BLDG.	= BUILDING	P.R.C.	= POINT OF REVERSE CURVE
C.B.	= CATCH BASIN	P.C.	= POINT OF CURVATURE
		F.N.D.	= FOUND NAIL/DISK
P.C.C.	= POINT OF COMPOUND CURVE	N.G.V.D.	= NATIONAL GEODETIC VERTICAL DATUM
M	= MONUMENT LINE	O.E.	= OVERHEAD ELECTRIC LINE
N.G.V.D.	= NATIONAL GEODETIC VERTICAL DATUM	P.B.	= PLAT BOOK
O.E.	= OVERHEAD ELECTRIC LINE	P.C.P.	= PERMANENT CONTROL POINT
P.B.	= PLAT BOOK	P.G.	= PAGE
P.C.P.	= PERMANENT CONTROL POINT	P.O.B.	= POINT OF BEGINNING
P.G.	= PAGE	P/L	= PROPERTY LINE
P.O.B.	= POINT OF BEGINNING	N.T.S.	= NOT TO SCALE
P/L	= PROPERTY LINE	(M)	= MEASURED VALUE
		(R)	= RECORD VALUE
		(D)	= DEED VALUE
		O.U.L.	= OVERHEAD UTILITY LINE
		P.I.	= POINT OF INTERSECTION
		W.V.	= WATER VALVE
		F.F.E.	= FINISH FLOOR ELEVATION
		---	= CHAIN LINK FENCE
			= C.B.S. WALL
		L.P.	= LIGHT POLE
		U.E.	= UTILITY EASEMENT
		U.P.	= UTILITY POLE
		⊕	= FIRE HYDRANT
		⊕	= METAL LIGHT POLE
		⊕	= LIGHT POLE
		⊕	= WATER METER
		⊕	= CABLE TV BOX

REVISIONS

MAP OF BOUNDARY SURVEY
of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY



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MAP OF TOPOGRAPHIC SURVEY

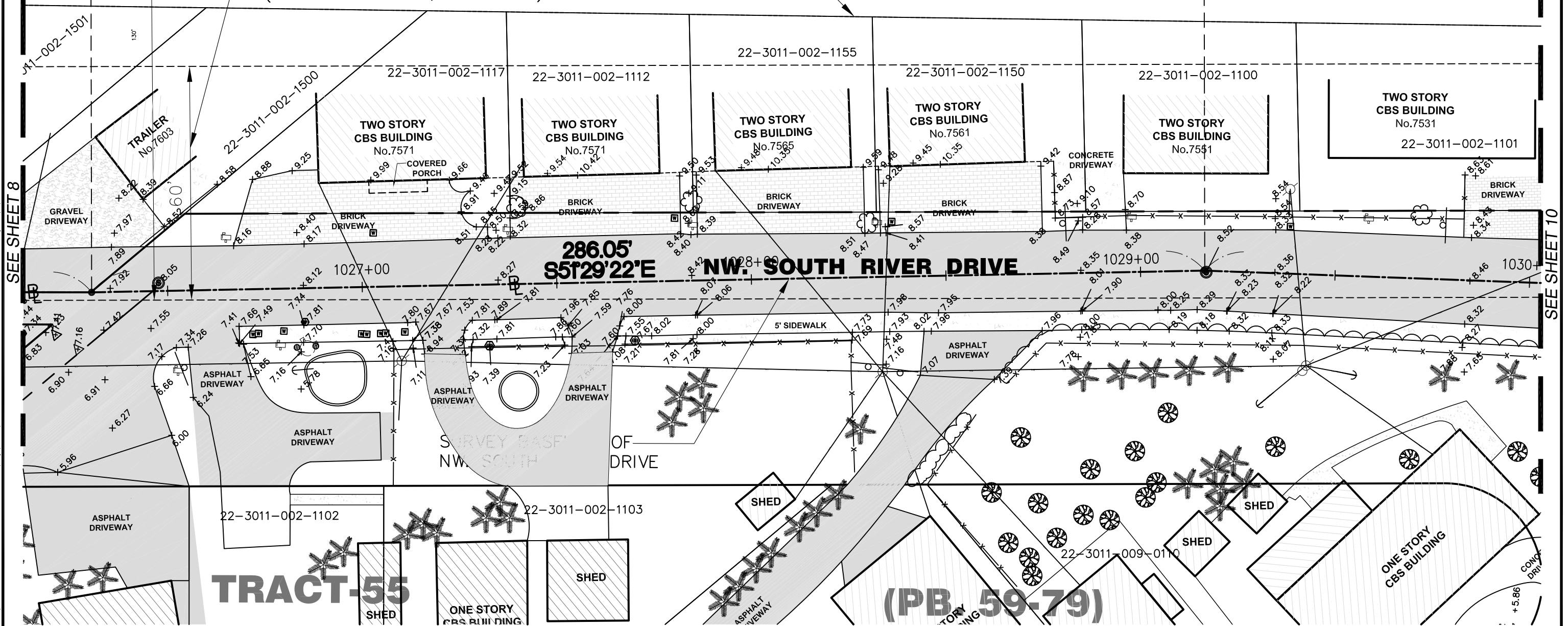
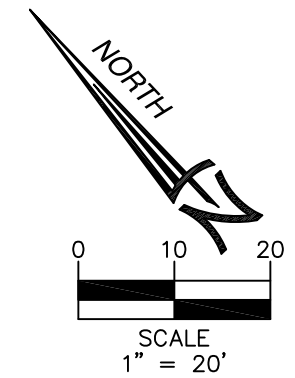
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LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.

CENTERLINE OF MIAMI CANAL C-6 PER BASELINE CONTROL SURVEY PREPARED FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT, SHEETS 9 THROUGH 12 OF 21 SHEETS IN TOTAL, FILE No. C-6RW-88-0531D, DRAWING No. C-6-5, LAST DATED OCTOBER, 1988.

MIAMI CANAL C-6

260' WIDE MIAMI CANAL C-6
RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

60' WIDE ROAD EASEMENT
(DEED BOOK 2886, PAGE 332) EXISTING TOP OF BANK



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SEE SHEET 8

SEE SHEET 10

LEGEND AND ABBREVIATIONS

ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE	(M) = MEASURED VALUE	UE. = UTILITY EASEMENT
DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	(R) = RECORD VALUE	(R) = RECORD VALUE	UT. = UTILITY POLE
U.P. = UTILITY POLE	C. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(D) = DEED VALUE	(D) = DEED VALUE	F.H. = FIRE HYDRANT
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	O.U.L. = OVERHEAD UTILITY LINE	O.U.L. = OVERHEAD UTILITY LINE	M.L.P. = METAL LIGHT POLE
A/C = AIR CONDITIONING PAD	E. = CENTERLINE	P.B. = PLAT BOOK	P.I. = POINT OF INTERSECTION	P.I. = POINT OF INTERSECTION	L.P. = LIGHT POLE
A = AIR DISTANCE	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	W.V. = WATER VALVE	W.V. = WATER VALVE	W.M. = WATER METER
BLDG. = BUILDING	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	W.F. = WOOD FENCE	W.F. = WOOD FENCE	C.M. = CABLE METEOR
B. = BUILDING	P.O.B. = POINT OF BEGINNING	P.O.B. = POINT OF BEGINNING	CL.F. = CHAIN LINK FENCE	CL.F. = CHAIN LINK FENCE	C.T.B. = CABLE TV BOX
C.B. = CATCH BASIN	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE	C.B.S. WALL	C.B.S. WALL	
		L.P. = LIGHT POLE			

REVISIONS

MAP OF BOUNDARY SURVEY

of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY



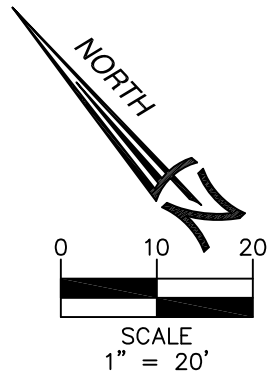
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MAP OF TOPOGRAPHIC SURVEY

A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE,
LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.

SEE SHEET 17



CENTERLINE OF MIAMI CANAL C-6 PER BASELINE CONTROL SURVEY PREPARED FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT, SHEETS 9 THROUGH 12 OF 21 SHEETS IN TOTAL, FILE No. C-6RW-88-0531D, DRAWING No. C-6-5, LAST DATED OCTOBER, 1988.

R/W AS PER PB 101 PG 36

MIAMI CANAL C-6

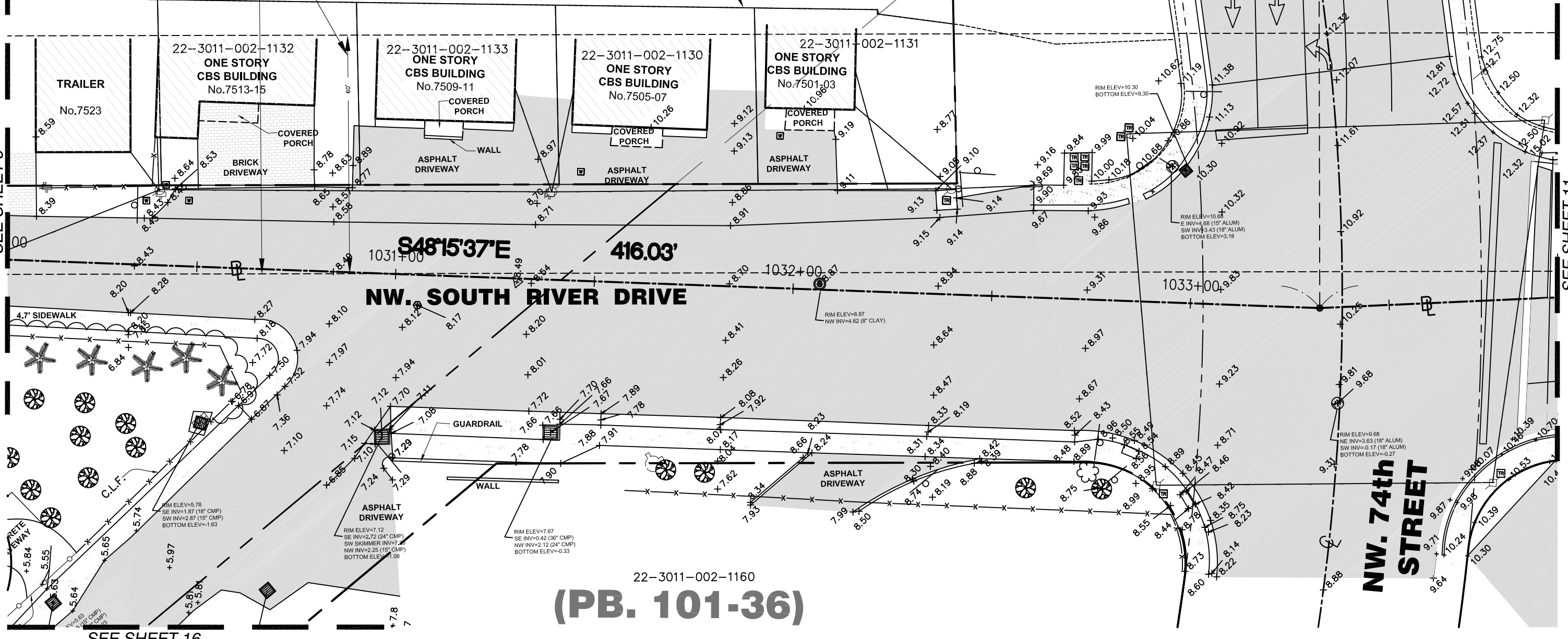
EXISTING TOP OF BANK
60' WIDE ROAD EASEMENT
(DEED BOOK 2886, PAGE 332)

260' WIDE MIAMI CANAL C-6
RIGHT OF WAY (DEED BOOK 2439, PAGE 69)

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SEE SHEET 11



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(PB. 101-36)

SEE SHEET 16

LEGEND AND ABBREVIATIONS			
± = ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE
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C.B. = CATCH BASIN	P.C. = POINT OF CURVATURE	P.O.B. = POINT OF BEGINNING	—X— = CHAIN LINK FENCE
	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE	= C.B.S. WALL
			LP. = LIGHT POLE

REVISIONS	

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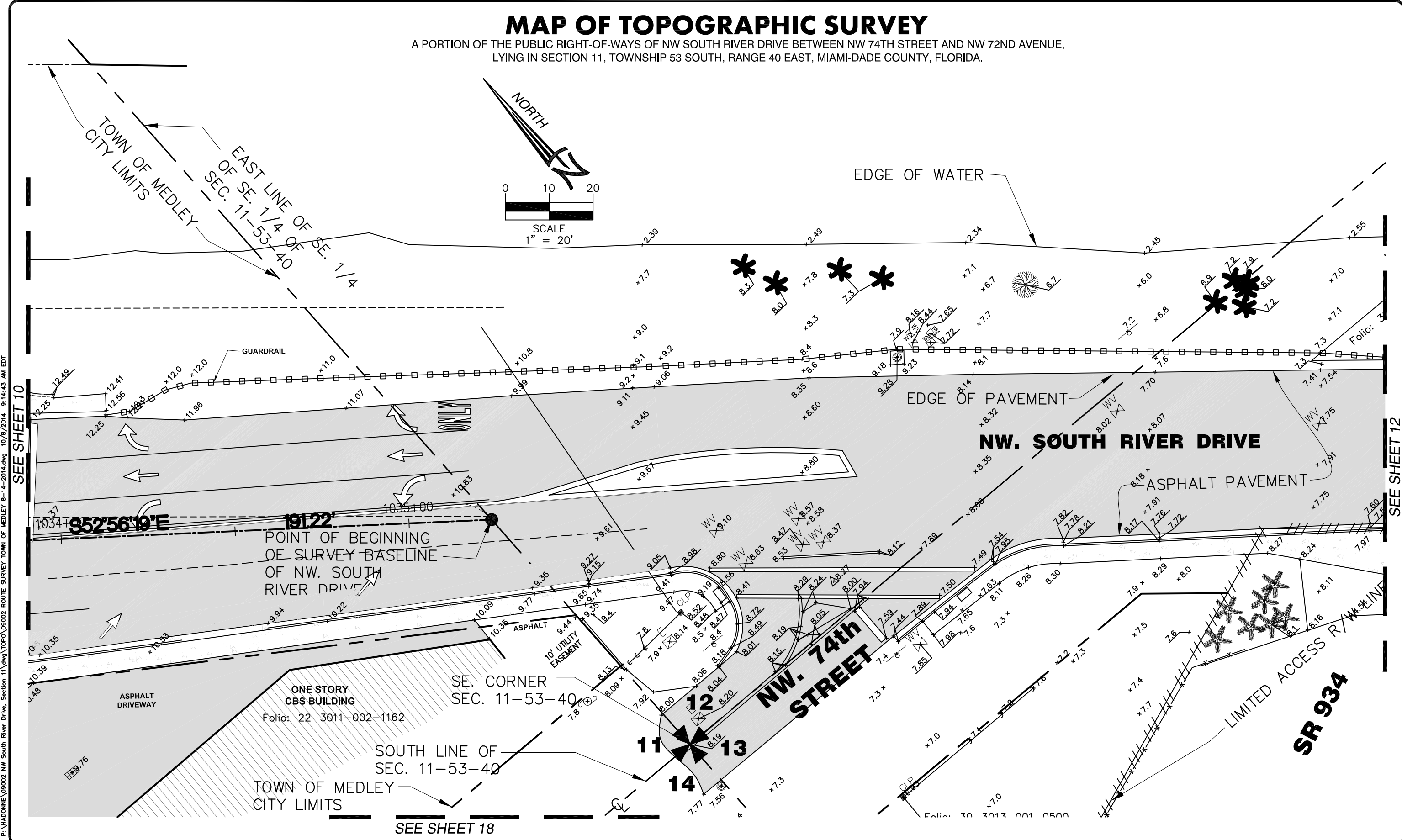
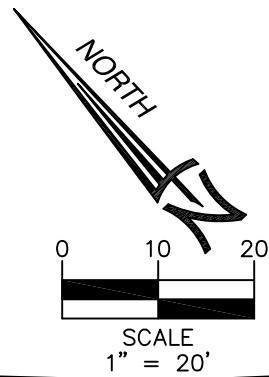


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MAP OF TOPOGRAPHIC SURVEY

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SEE SHEET 12

LEGEND AND ABBREVIATIONS

ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE	(M) = MEASURED VALUE	U.E. = UTILITY EASEMENT
DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	Δ = CENTRAL ANGLE	(R) = RECORD VALUE	U.P. = UTILITY POLE
U.P. = UTILITY POLE	C. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(D) = DEED VALUE	(O) = OVERHEAD UTILITY LINE	F.H. = FIRE HYDRANT
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	R.B. = PLAT BOOK	P.I. = POINT OF INTERSECTION	(M) = METAL LIGHT POLE	M.L.P. = METAL LIGHT POLE
A/C = AIR CONDITIONING PAD	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	W. = WATER VALVE	(W) = WOOD FENCE	L.P. = LIGHT POLE
A/C = AIR CONDITIONING PAD	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	F.F.E. = FINISH FLOOR ELEVATION	—X— = CHAIN LINK FENCE	W.M. = WATER METER
BLDG. = BUILDING	P.C. = POINT OF CURVATURE	P.O.B. = POINT OF BEGINNING	L.P. = LIGHT POLE	= CABLE TV BOX	
C.B. = CATCH BASIN	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE			

REVISIONS

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NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
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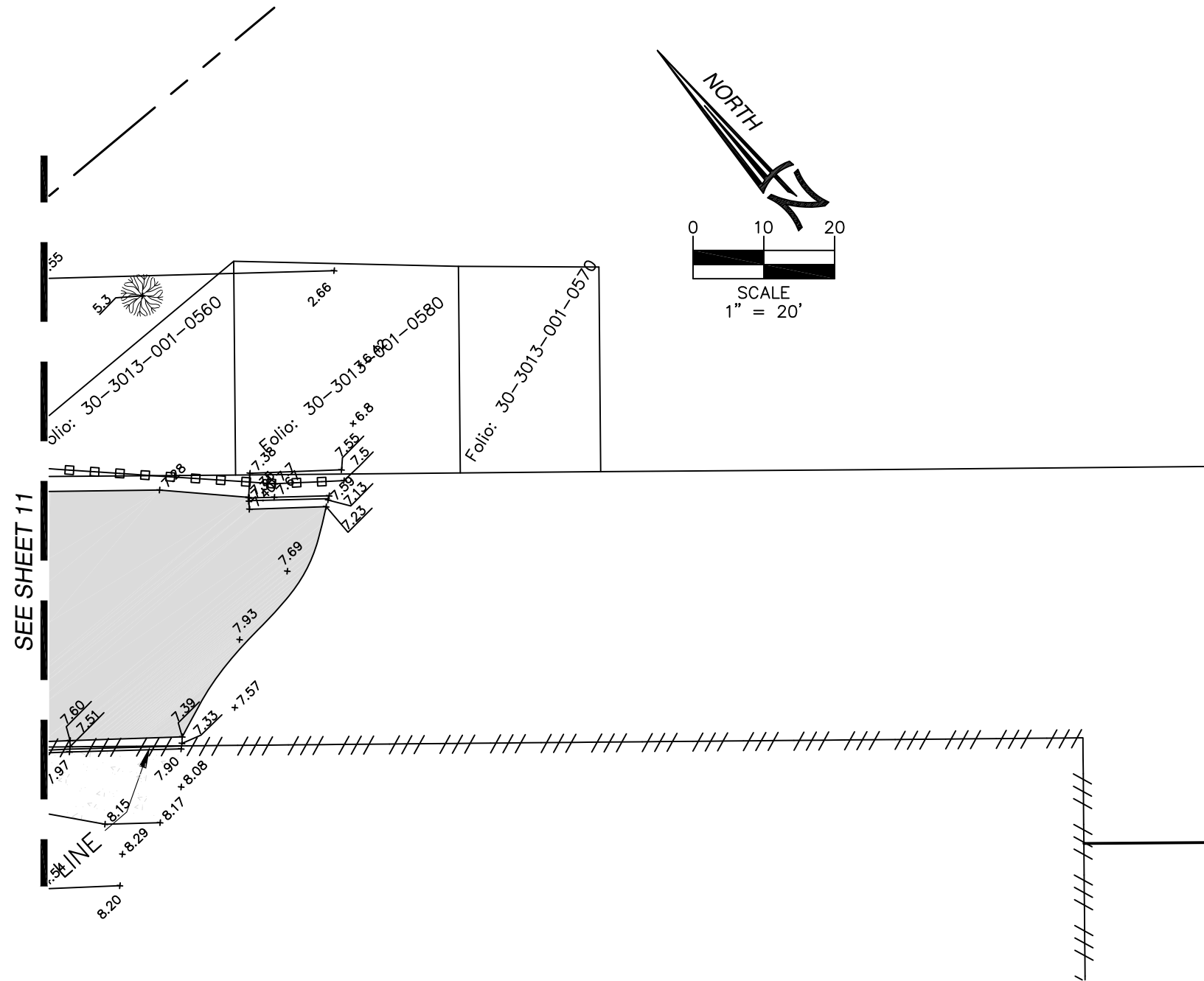


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MAP OF TOPOGRAPHIC SURVEY

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SEE SHEET 11

LEGEND AND ABBREVIATIONS			
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U.P. = UTILITY POLE	C. = CALCULATED VALUE	N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM	(R) = RECORD VALUE
B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	(D) = DEED VALUE
A/C = AIR CONDITIONING PAD	E. = CENTERLINE	P.B. = PLAT BOOK	O.U. = OVERHEAD UTILITY LINE
A. = ARC DISTANCE	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	P.I. = POINT OF INTERSECTION
B.L.D.G. = BUILDING	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	W.F. = WOOD FENCE
C.B. = CATCH BASIN	P.C. = POINT OF CURVATURE	P.O.B. = POINT OF BEGINNING	—x— = CHAIN LINK FENCE
	F.N.D. = FOUND NAIL/DISK	P/L. = PROPERTY LINE	= C.B.S. WALL
			LP. = LIGHT POLE
			UE. = UTILITY EASEMENT
			CP. = UTILITY POLE
			F.H. = FIRE HYDRANT
			M.L.P. = METAL LIGHT POLE
			L.P. = LIGHT POLE
			W.M. = WATER METER
			C.T.B. = CABLE TV BOX

REVISIONS

MAP OF BOUNDARY SURVEY

of
NW SOUTH RIVER DR BETWEEN NW 74 ST & NW 72 AVE
for
TOWN OF MEDLEY

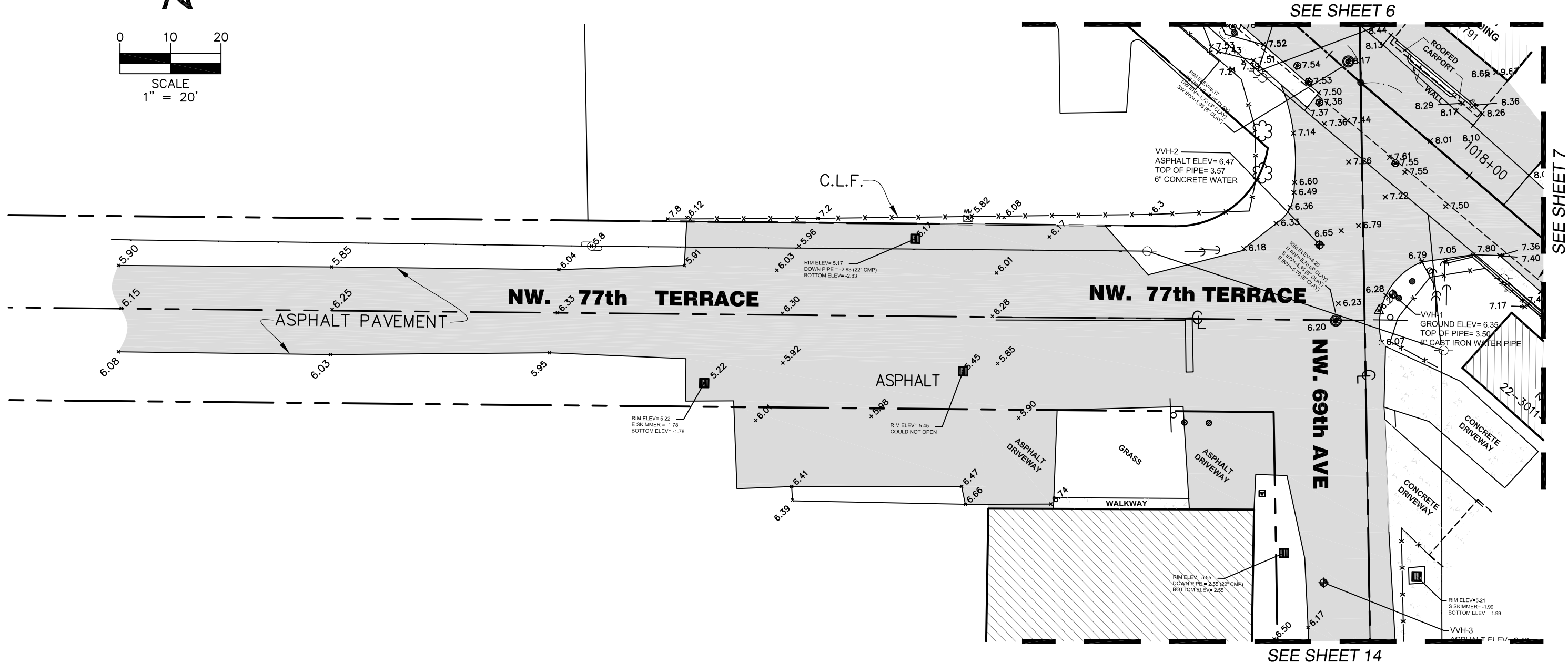
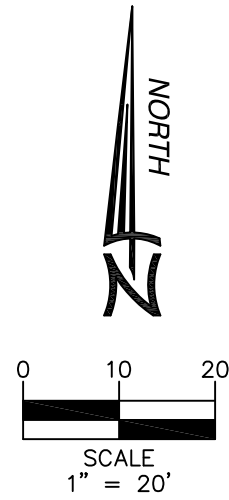


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8700 West Flagler Street, Suite 420, Miami, FL 33174
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Job No.: 09002
Field Book: 100-37
DRAWN BY: MG
CHECKED BY: RI
12/18

MAP OF TOPOGRAPHIC SURVEY

A PORTION OF THE PUBLIC RIGHT-OF-WAYS OF NW SOUTH RIVER DRIVE BETWEEN NW 74TH STREET AND NW 72ND AVENUE,
LYING IN SECTION 11, TOWNSHIP 53 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.



SEE SHEET 6

SEE SHEET 7

SEE SHEET 14

P:\HADONNE\09002 NW South River Drive, Section 11.dwg\TOPO\09002 ROUTE SURVEY TOWN OF MEDLEY 8-14-2014.dwg 10/8/2014 9:14:43 AM EDT

LEGEND AND ABBREVIATIONS

ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	P.C.C. = POINT OF COMPOUND CURVE	N.T.S. = NOT TO SCALE	(M) = MEASURED VALUE	U.E. = UTILITY EASEMENT
DRWY. = DRIVEWAY	CH. = CHORD DISTANCE	M. = MONUMENT LINE	Δ = CENTRAL ANGLE	(R) = RECORD VALUE	U.P. = UTILITY POLE
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B.O.B. = BASIS OF BEARINGS	(C) = CLEAR	O.E. = OVERHEAD ELECTRIC LINE	○ = SANITARY SEWER	O.U.L. = OVERHEAD UTILITY LINE	(M.L.P.) = METAL LIGHT POLE
A/C = AIR CONDITIONING PAD	CL = CENTERLINE	P.B. = PLAT BOOK	W = WATER VALVE	P.I. = POINT OF INTERSECTION	(L.P.) = LIGHT POLE
A = ARC DISTANCE	CONC. = CONCRETE	P.C.P. = PERMANENT CONTROL POINT	W.V. = WATER VALVE	W.F. = WOOD FENCE	(W.M.) = WATER METER
BLDG. = BUILDING	P.R.C. = POINT OF REVERSE CURVE	P.G. = PAGE	F.F.E. = FINISH FLOOR ELEVATION	—X— = CHAIN LINK FENCE	(W.B.) = WATER METER
C.B. = CATCH BASIN	P.O.B. = POINT OF BEGINNING	P.O.C. = POINT OF CURVATURE	F.F.E. = FINISH FLOOR ELEVATION	—X— = CHAIN LINK FENCE	(C.T.V.B.) = CABLE TV BOX
	F.N.D. = FOUND NAIL/DISK	P/L = PROPERTY LINE	L.P. = LIGHT POLE	(Z) = C.B.S. WALL	

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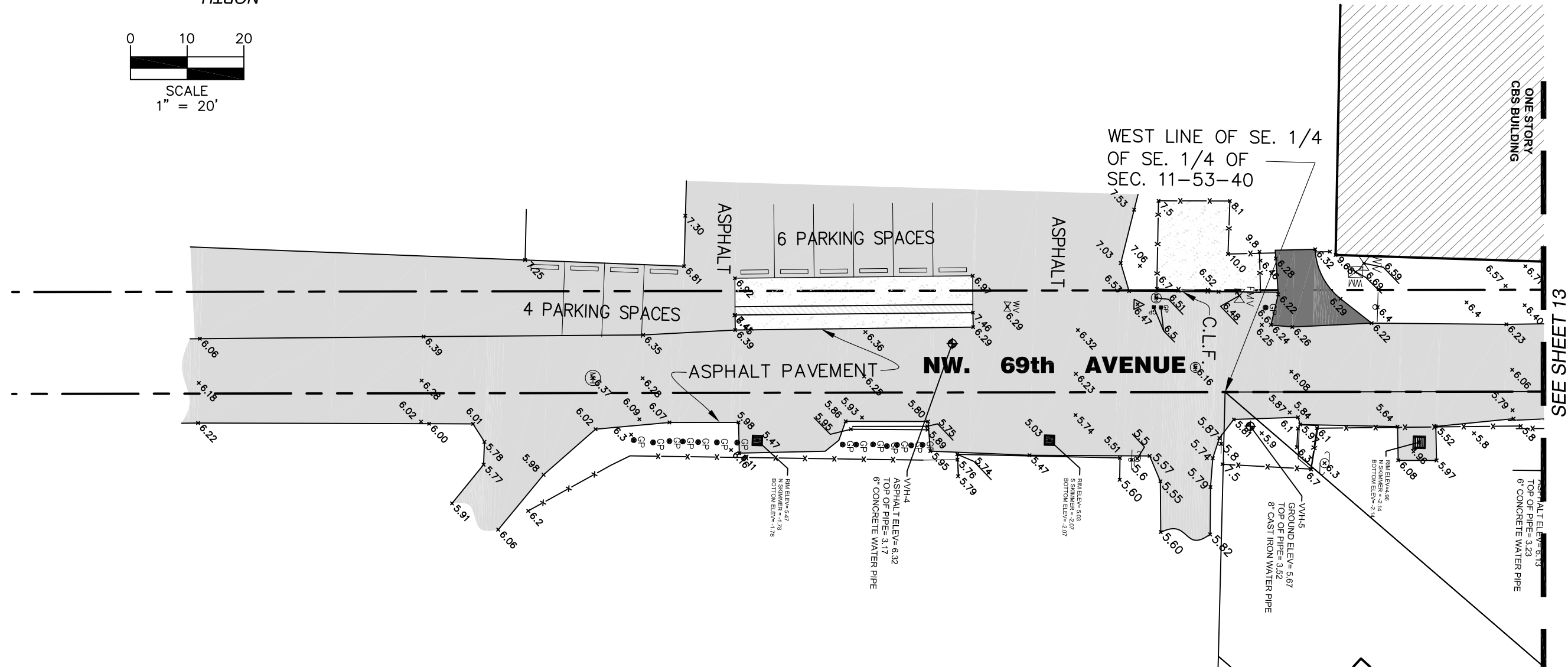
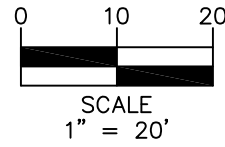


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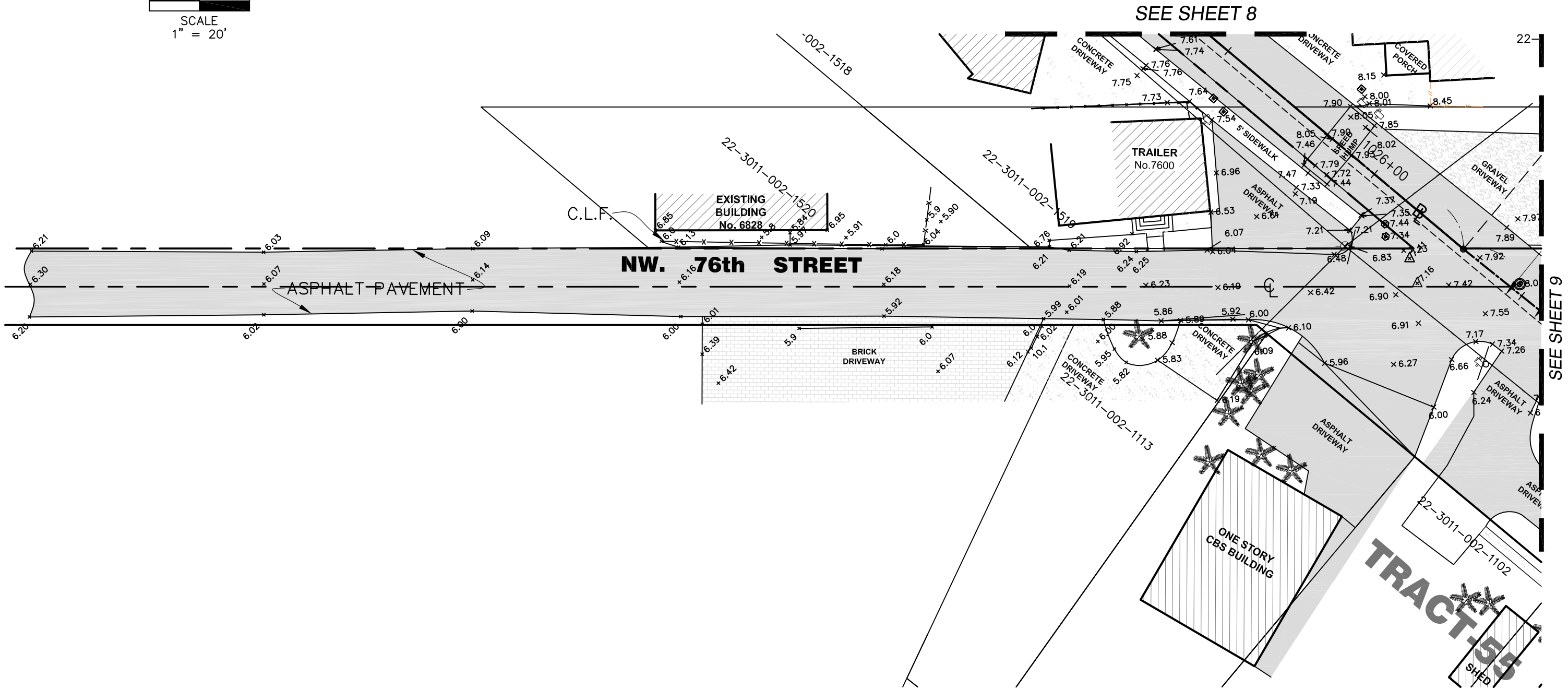
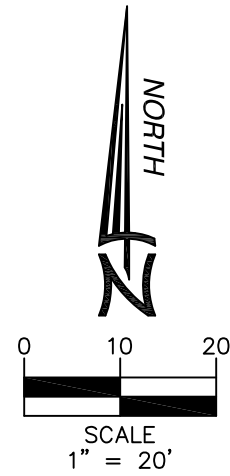


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DRAWN BY: MG
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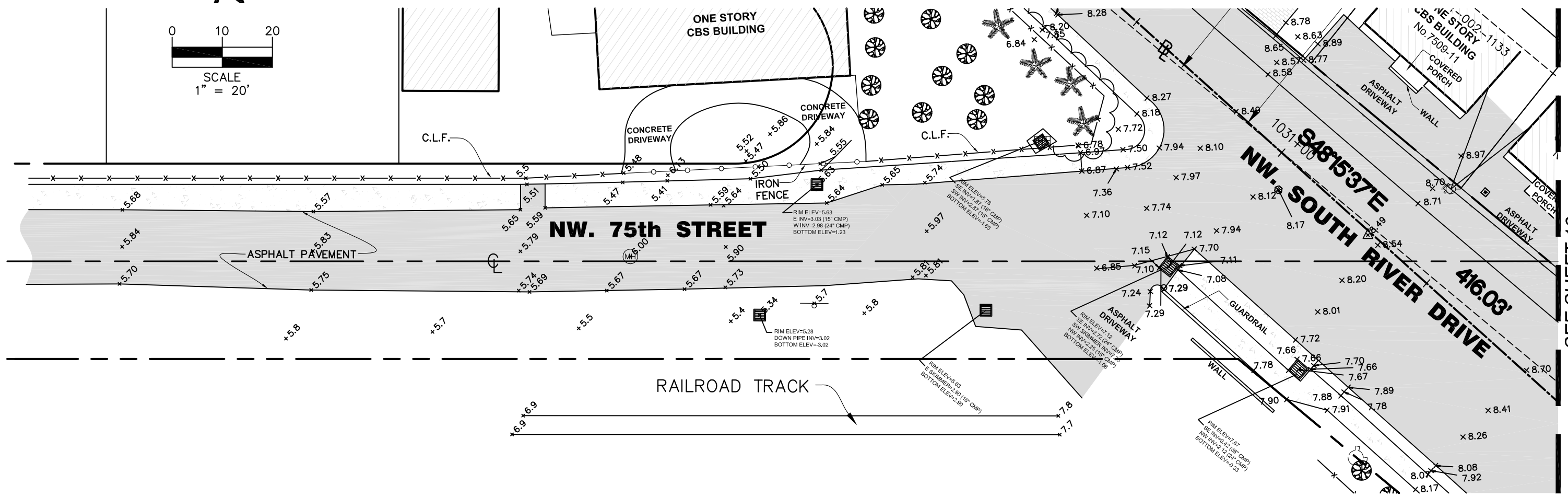
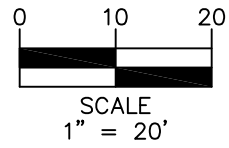
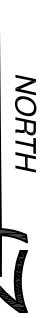


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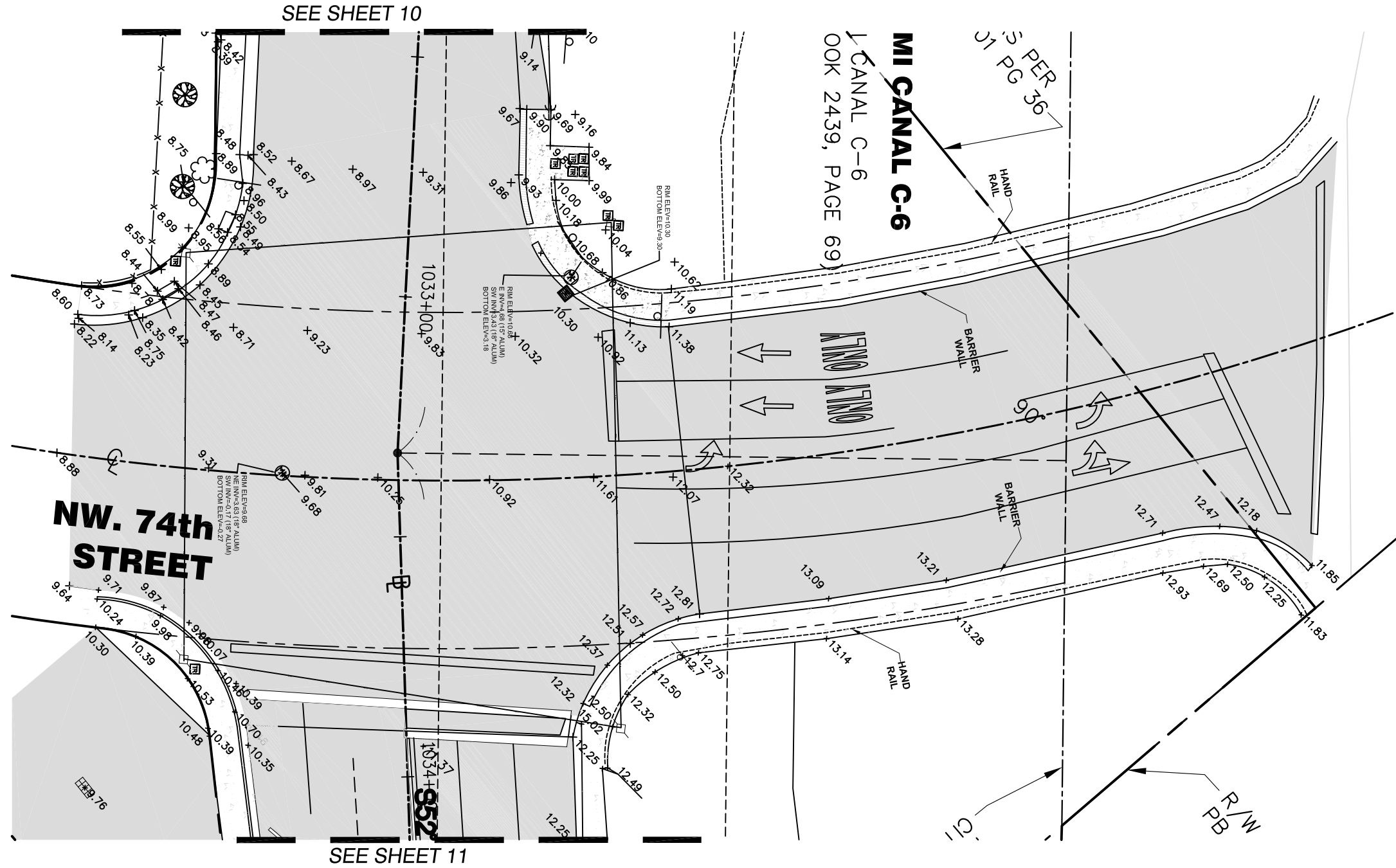


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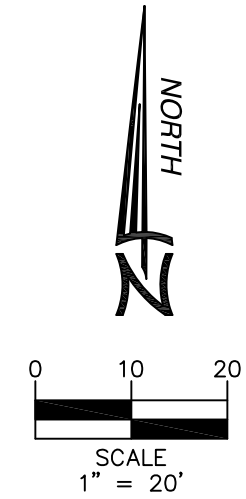
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SEE SHEET 10

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OOK 2439, PAGE 69



SEE SHEET 11

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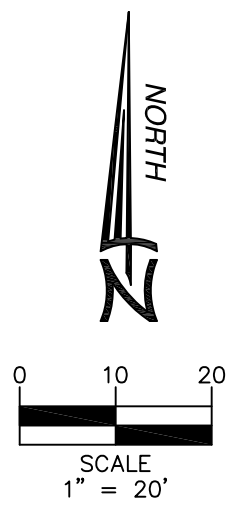
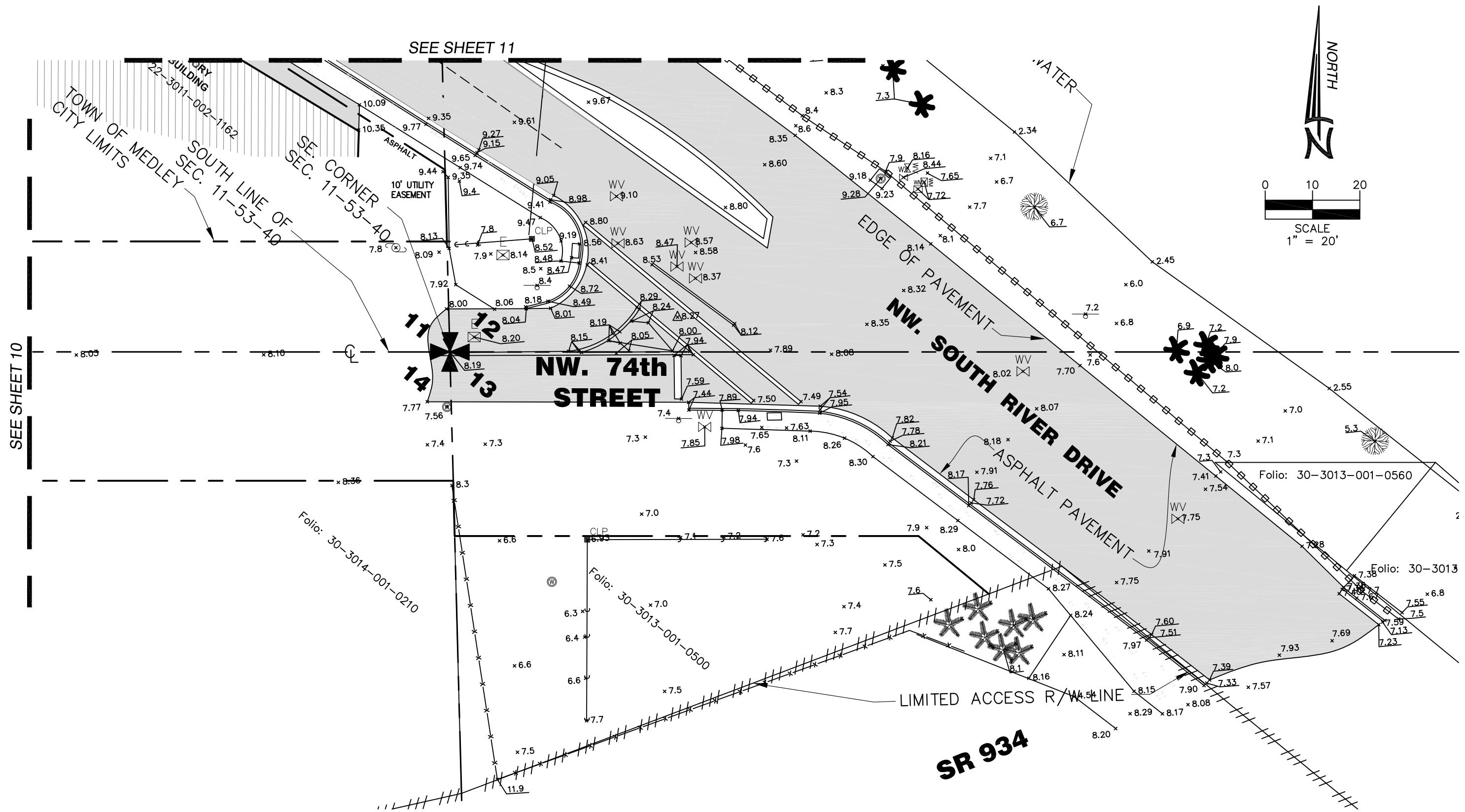


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EXISTING SYMBOL LEGEND

	TRAFFIC SIGNAL BOX
	WATER METER
	TREE
	SIGN, SINGLE SUPPORT
	SET OR FOUND
	POWER POLE
	WATER VALVE
	SEWER VALVE
	GUY ANCHOR
	MAILBOX
	TEMPORARY BENCH MARK
	ELECT. BOX
	FIRE HYDRANT W/ BOLLARDS
	CLEANOUT
	SANITARY MANHOLE
	DRAINAGE MANHOLE
	CONC. LIGHT POLE
	CONC. UTILITY POLE
	WOODEN UTILITY POLE
	CATCH BASIN
	ELECTRIC UTILITY BOX

LEGEND

	EXIST TOPOGRAPHY
	RIGHT OF WAY
	EASEMENT
	CENTER LINE / BASE LINE
	EXIST OVERHEAD ELECTRICAL LINE
	EXIST FORCE MAIN
	EXIST FUEL LINE
	EXIST WATER LINE
	EXIST SAN SEWER
	EXIST TRAFFIC LOOP
	EXIST FENCE
	EXIST STORMDRAIN

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	GP	GUARD POST
APPROX	APPROXIMATE	GV	GATE VALVE
ASPH	ASPHALT	HDPE	HIGH DENSITY POLYETHYLENE PIPE
ASPH DWY	ASPHALT DRIVEWAY	HORIZ	HORIZONTAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIAL	INV	INVERT
		IRR	IRRIGATION WATER LINE
AVE	AVENUE	L	LENGTH
AVG	AVERAGE	LAT	LATERALS
B DWY	BRICK DRIVEWAY	LF	LINEAR FOOT
BE	BURIED ELECTRICAL LINE	LS	LUMP SUM
BL/BL	BASELINE	LT	LEFT
BLDG	BUILDING	MAX	MAXIMUM
BLVD	BOULEVARD	MAS	MAINTENANCE ACCESS STRUCTURE
BT	BURIED TELEPHONE LINE	MH	MANHOLE
C&G	CURB AND GUTTER	MIN	MINIMUM
CATV	CABLE TELEVISION	ML	MONUMENT LINE
CB	CATCH BASIN	N	NORTHING-NORTH
CBS	CONCRETE BLOCK STRUCTURE	NGVD	NATIONAL GEODETIC VERTICAL DATUM
C.I.	CAST IRON	NTP	NOTICE TO PROCEED
CL	CENTERLINE	NTS	NOT TO SCALE
C.L.FENCE	CHAIN LINK FENCE	OC	ON CENTER
C.M.P.	CORRUGATED METAL PIPE	PC	POINT OF CURVATURE
C.O.	CLEANOUT	PG	PAGE
CONC	CONCRETE	PI	POINT OF INTERSECTION
CONC DWY	CONCRETE DRIVEWAY	PROP	PROPOSED
CONC SDWK	CONCRETE SIDEWALK	PSI	POUNDS PER SQUARE INCH
CONC WALL	CONCRETE WALL	PT	POINT OF TANGENCY
C.P.P.	CORRUGATED PLASTIC PIPE	PVC	POLYVINYL CHLORIDE PIPE
CW	CHILLED WATER LINE	PVI	POINT OF VERTICAL INTERSECTION
CY	CUBIC YARDS	PVMT	PAVEMENT
DET	DETAIL	RAD/R	RADIUS
DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	RPM	REFLECTIVE PAVEMENT MARKER
DISP.	DISPLACED	RT	RIGHT
DWG	DRAWING	R/W	RIGHT OF WAY
E	EASTING	SAN	SANITARY SEWER LINE
EA	EACH	SS	STORM DRAINAGE LINE
ESMT	EASEMENT	SDWK	SIDEWALK
EL./ELEV	ELEVATION	SPEC.	SPECIFIC
ELEC.	ELECTRICAL	SPEC	SPECIFICATION
EOP	EDGE OF PAVEMENT	STA	STATION
EOR	ENGINEER OF RECORD	STD	STANDARD
EQ	EQUATION	STRM	STORM DRAINAGE
EXIST	EXISTING	SY	SQUARE YARDS
F.D.	FRENCH DRAIN	TOC	TOP OF CURB
FFE	FINISH FLOOR ELEVATION	TYP	TYPICAL
FH	FIRE HYDRANT	V.C.P.	VITRIFIED CLAY PIPE
FM	FORCE MAIN	WM	WATER MAIN
FT	FEET	VERT	VERTICAL
G	GAS LINE		

LEGEND

	REFER TO LANDSCAPE PLANS
	PROP RECONSTRUCTION
	PROP CONCRETE
	EXIST DRIVEWAY
	EXIST BUILDING
	MILL EXISTING ASPHALT

THESE PLANS ARE NOT FINAL CONSTRUCTION DOCUMENTS UNTIL APPROVALS BY ALL PERMITTING AND JURISDICTIONAL AGENCIES HAVE BEEN OBTAINED. CONSTRUCTION WITHOUT ALL SAID APPROVALS IS AT THE SOLE RISK OF THE CONTRACTOR. ENGINEER IS NOT RESPONSIBLE FOR ANY CHANGES MADE DUE TO PERMITTING/JURISDICTIONAL DIRECTIONS, IF CONSTRUCTION PROCEEDS WITHOUT DUE AUTHORIZATION/APPROVALS.

APPLICABLE CODES AND STANDARDS

1. FLORIDA ADMINSTRATIVE CODE (FAC)
2. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)
3. MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
4. SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
5. MIAMI-DADE WATER AND SEWER DEPARTMENT (M-DWASD)
6. FLORIDA DEPARTMENT OF HEALTH (DOH)
7. RECOMMENDED STANDARDS FOR WATER AND WASTEWATER FACILITIES - TEN STATES STANDARDS
8. FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) RULE 62-555 FOR PERMITTING, CONSTRUCTION, OPERATION, AND MAINTENANCE OF PUBLIC WATER SYSTEMS.
9. TOWN OF MEDLEY DEPARTMENT OF PUBLIC WORKS
10. MIAMI-DADE PUBLIC WORKS DEPARTMENT
11. MIAMI-DADE COUNTY'S REGULATORY AND ECONOMIC RESOURCES (RER)
12. FLORIDA HEALTH DEPARTMENT
13. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.

TECHNICAL SPECIFICATIONS

1. TECHNICAL SPECIFICATIONS OF THE FOLLOWING AGENCIES ARE APPLICABLE TO THE PROJECT:
 - (A) FLORIDA DEPARTMENT OF TRANSPORTATION - STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION (CURRENT EDITION)
 - (B) MIAMI DADE COUNTY PUBLIC WORKS STANDARDS (VOLUME 2)
2. WHENEVER THE SPECIFIED SECTIONS OF THESE PUBLICATIONS ARE UTILIZED FOR THE PROJECT AND ARE IN CONFLICT THE EOR AND THE TOWN SHALL BE NOTIFIED PRIOR TO BIDDING AND BEFORE COMMENCEMENT OF CONSTRUCTION. THE TOWN SHALL NOT BE RESPONSIBLE FOR ANY COST FOR FAILURE OF THE CONTRACTOR TO PROVIDE TIMELY NOTIFICATION ACCORDINGLY

APPLICABLE FLORIDA DEPARTMENT OF TRANSPORTATION TECHNICAL SPECIFICATIONS	
100	CONSTRUCTION EQUIPMENT - GENREAL REQUIREMENTS
101	MOBILIZATION
102	MAINTENANCE OF TRAFFIC
104	PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION
105	CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS
107	LITTER REMOVAL AND MOWING
110	CLEARING AND GRUBBING
120	EXCAVATION AND EMBANKMENT
125	EXCAVATION FOR STRUCTURES AND PIPE
160	STABILIZING
210	REWORKING LIMEROCK BASE
230	LIMEROCK STABILIZED BASE
300	PRIME AND TACK COATS
320	HOT MIX ASPHALT - PLANT, METHODS, AND EQUIPMENT
327	MILLING OF EXISTING ASPHALT PAVEMENT
330	HOT MIX ASPHALT - GENERAL CONSTRUCTION REQUIREMENTS
400	CONCRETE STRUCTURES
425	INLETS, MANHOLES, AND JUNCTION BOXES
446	PRECAST CONCRETE DRAINAGE PRODUCTS
550	FENCING
514	PLASTIC FILTER FABRIC
522	SIDEWALKS
523	PATTERNED PAVEMENT
526	ARCHITECTURAL PAVERS
527	DETECTABLE WARNINGS
570	PERFORMANCE TURF
700	HIGHWAY SIGNING
706	RAISED RETROREFLECTIVE PAVEMENT MARKERS AND BITUMINOUS ADHESIVE
710	PAINTED PAVEMENT MARKINGS
711	THERMOPLASTIC TRAFFIC STRIPES AND MARKING
715	HIGHWAY LIGHTING SYSTEM
911	LIMEROCK MATERIAL FOR BASE AND STABILIZED BASE
914	STABILIZATION MATERIALS
949	BRICK AND CONCRETE MASONARY UNITS FOR MANHOLES, INLETS AND OTHER STRUCTURE

APPLICABLE MIAMI DADE COUNTY PUBLIC WORKS TECHNICAL SPECIFICATIONS	
24	CLEARING AND GRUBBING
30	EXCAVATION AND EMBANKMENT
33	STABILIZING
40	RESTORATION OF TRENCHES
51	LIMEROCK BASE
100	PRIME AND TACK COATS
132	ASPHALTIC CONCRETE SURFACE COURSE
133	TYPE S-1 ASPHALT CONCRETE SURFACE COURSE
310	EXCAVATION, TRENCHING AND BACKFILLING FOR PIPE STRUCTURES
320	DRAINAGE PIPE
360	SEEPAGE DRAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: **NW S RIVER DRIVE**
COUNTY: **MIAMI-DADE**

GENERAL NOTES
(1 OF 4)

SHEET NO. **G-1.1**

CONSTRUCTION NOTES

1. ALL CONSTRUCTION ASSOCIATED WITH THIS PROJECT SHALL BE IN ACCORDANCE WITH APPLICABLE CODES & AUTHORITIES HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO THE FLORIDA ADMINISTRATIVE CODE 62-555 & 62-610, THE TOWN OF MEDLEY PUBLIC WORKS DEPARTMENT, MIAMI-DADE PUBLIC WORKS (AND WASTE MANAGEMENT) DEPARTMENT STANDARDS, THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), MIAMI-DADE COUNTY'S REGULATORY AND ECONOMIC RESOURCES (RER). ANY DISCREPANCY MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE TOWN OF MEDLEY & ENGINEER OF RECORD (EOR).
2. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HIMSELF/HERSELF WITH PROJECT SITE & TO DETERMINE ALL TOPOGRAPHIC AND/OR UNDERGROUND FEATURES THAT WILL BE IMPACTED DUE THE PROPOSED SCOPE OF WORK. THE CONTRACTOR SHALL INCLUDE IN HIS/HER BID PRICE, THE COST OF RELOCATING OR REPLACING IN KIND ANY FEATURES THAT WILL BE IMPACTED DUE TO HIS/HER PROPOSED METHOD OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO EXISTING TREES, UTILITY BOXES, SIGNS, FIRE HYDRANTS, GUARDRAILS, UTILITY POLES, VALVES, ETC. NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED BY THE TOWN OF MEDLEY IN THE EVENT THE CONTRACTOR NEGLECTS TO ACCOUNT FOR THIS WORK IN HIS/HER BID PRICE.
3. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, & UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON THE PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING UTILITIES NOT SPECIFIED FOR REMOVAL WHICH IS DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE TOWN OF MEDLEY.
4. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL 811 AT LEAST 72 HOURS PRIOR TO PERFORMING ANY EXCAVATION/DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL AT HIS/HER EXPENSE ENGAGE THE SERVICES OF A LICENSED AND CERTIFIED S.U.E CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION.
5. ALL TEMPORARY ROADS, FENCES, STRUCTURES, ETC, CONSTRUCTED AS A PART OF THIS PROJECT SHALL BE REMOVED AND THE AREA RESTORED TO ITS ORIGINAL CONDITION PRIOR TO FINAL ACCEPTANCE OF WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF/HERSELF WITH CURRENT SITE AND UTILITIES CONDITIONS & SHALL REPORT ANY DISCREPANCIES TO THE TOWN OF MEDLEY & ENGINEER (EOR) PRIOR TO TO BEGINNING ANY CONSTRUCTION OPERATIONS.
7. THE LOCATION & SIZE OF ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND/OR BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. ALL CONFLICTS OF EXISTING UTILITIES AND PROPOSED IMPROVEMENTS SHALL BE RESOLVED BY THE ENGINEER & THE UTILITY OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT & NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THESE ACTIVITIES.
8. WHENEVER OR WHEREVER FDOT OR MIAMI DADE COUNTY STANDARDS AND SPECIFICATIONS ARE MENTIONED, REFERENCED AND SPECIFIED, THE CONTRACTOR SHALL ENSURE CONFORMANCE WITH CURRENT STANDARDS (AS OF DATE OF CONSTRUCTION COMMENCEMENT) OF THE RESPECTIVE REGULATORY AGENCIES. ANY CONFLICTS BETWEEN THE CURRENT REGULATORY STANDARDS AS OF THE DATE OF CONSTRUCTION COMMENCEMENT AND THE PROPOSED DIRECTIVES FOR THIS PROJECT'S PROPOSED IMPROVEMENT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND THE TOWN PRIOR TO SUBMITTING BIDS FOR PROJECT.
9. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE ADEQUATE MEASURES TO ENSURE SAFETY WHEN WORKING WITHIN THE VICINITY OF OVERHEAD/UNDERGROUND ELECTRICAL, TELEPHONE & OTHER UTILITIES (GAS, CABLE, FUEL, ETC.) PROPER COORDINATION WITH JURISDICTIONAL AUTHORITIES AND UTILITIES OWNERS SHALL BE UNDERTAKEN BY THE CONTRACTOR.
10. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES OPEN, UNCOVERED OR EXPOSED AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES WHEN THE CONTRACTOR IS NOT ACTIVELY WORKING.
11. THE CONTRACTOR SHALL KEEP THE SITE REASONABLY FREE FROM DEBRIS, TRASH, & CONSTRUCTION WASTE. CONSTRUCTION MATERIAL AND/OR CONSTRUCTION DEBRIS STORED ADJACENT TO OR UPON THE ROADWAY SHALL BE ADEQUATELY MARKED AT ALL TIMES FOR PEDESTRIAN & TRAFFIC SAFETY.
12. CONTRACTOR SHALL ADHERE TO THE MUNICIPAL CODE OF TOWN OF MEDLEY WHICH PROHIBITS EXCAVATION & CONSTRUCTION BEFORE 7:00 AM & AFTER 6:00 PM, MONDAY TO FRIDAY & ALL DAY SATURDAY & SUNDAY, UNLESS OTHERWISE INSTRUCTED BY THE TOWN.
13. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND/OR APPROVALS PRIOR TO THE START OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO AN NPDES NOI PERMIT & ANY OTHER PERMITS ASSOCIATED WITH THE PROPOSED CONSTRUCTION.
14. ANY DEWATERING OPERATIONS REQUIRED FOR CONSTRUCTION SHALL BE APPROVED AND/OR PERMITTED BY MIAMI-DADE COUNTY'S REGULATORY AND ECONOMIC RESOURCES (RER).
15. ALL LANDSCAPED/OPEN AREAS, SIDEWALKS, PAVEMENTS & OTHER IMPROVEMENTS IMPACTED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.
16. IN THE EVENT CONTAMINATED MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE TOWN OF MEDLEY, E.O.R & THE MIAMI-DADE COUNTY'S REGULATORY AND ECONOMIC RESOURCES (RER).
17. ANY MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED IN ACCORDANCE TO THE LAW BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE TOWN OF MEDLEY.
18. THE CONTRACTOR SHALL INCLUDE AS PART OF HIS/HER BID THE COST OF RESTORING A FULL LANE OR LANES OF ROADWAY THAT ARE AFFECTED BY CONSTRUCTION. THIS SHOULD INCLUDE ALL TRENCH RESTORATION, RESURFACING AS WELL AS STRIPING TO ENSURE THAT THE ROADWAY IS FULLY RESTORED TO EQUAL OR BETTER CONDITION.
19. MAINTENANCE OF TRAFFIC (MOT) PLANS FOR THE CONSTRUCTION OF PROJECT SHALL BE PREPARED BY CONTRACTOR. THE CONTRACTOR SHALL HAVE SAID PLANS APPROVED BY THE TOWN OF MEDLEY & MIAMI-DADE COUNTY'S TRAFFIC ENGINEERING DIVISION PRIOR TO CONSTRUCTION. THE COST ASSOCIATED WITH THIS EFFORT SHALL BE REFLECTED IN THE BID. NO ADDITIONAL COMPENSATION SHALL BE GRANTED BY THE TOWN OF MEDLEY FOR MOT COSTS ASSOCIATED WITH THIS PROJECT AFTER PROJECT AWARD. MOT PLANS SHALL INCLUDE BUT NOT LIMITED TO MESSAGE BOARDS TO INFORM DRIVERS OF CONSTRUCTION ON ROADWAY, AND MAINTAINING TRAFFIC FLOW. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NOTIFYING ALL SCHOOLS & EMERGENCY SERVICES WITHIN THE VICINITY OF THE PROJECT LIMITS ABOUT THE CONSTRUCTION SCHEDULE.
20. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR RESTORING ALL PAVEMENT MARKINGS WITH NEW STRIPING (PAINT AND THERMOPLASTIC) IN THEIR PRE-CONSTRUCTION LOCATIONS AND IMPROVED CONDITIONS ACCEPTABLE TO THE EOR AND THE TOWN OF MEDLEY. THE CONTRACTOR SHALL SURVEY THE LOCATIONS, DIMENSIONS, COLOR, & OTHER RELEVANT CHARACTERISTICS OF THE EXISTING PAVEMENT STRIPING PRIOR TO EXCAVATION. FINAL PAVEMENT STRIPING MUST BE THERMOPLASTIC IN ACCORDANCE WITH FDOT STANDARDS. ALL CONSTRUCTION WORK EFFORT ASSOCIATED WITH THIS ITEM MUST BE INCLUDED IN THE BID PRICE. IN THE EVENT THAT THE CONTRACTOR NEGLECTS TO INCLUDE THIS COST IN HIS BID PRICE, THEN THE CONTRACTOR SHALL COMPLETE THE REQUIRED STRIPING WORK AT HIS/HER OWN EXPENSE.
21. IN THE EVENT THAT THERE IS ANY EXISTING STRIPING THAT DOES NOT CONFORM TO THE CURRENT CODES OR STANDARDS, THE CONTRACTOR MUST NOTIFY THE ENGINEER, & THE TOWN OF MEDLEY AHEAD OF CONSTRUCTION.
22. THE TOPOGRAPHIC SURVEY DATED 07/31/14 WAS PREPARED BY RAUL IZQUIERDO, PSM (LS#6099). HADONNE CORP. FLORIDA.
23. SURVEY MONUMENTS WITHIN THE LIMITS OF THE PROJECT SHALL BE PROTECTED.
24. THE CONTRACTOR SHALL INFORM THE TOWN OF MEDLEY & E.O.R. AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION.
25. THE CONTRACTOR SHALL COMPLY WITH ALL HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS AS STATED IN THE FLORIDA ADMINISTRATIVE CODE (F.A.C.) RULE 62-555.314..
26. THE CONTRACTOR SHALL ENSURE THAT PRECISE RECORDS ARE TAKEN PRIOR TO BACKFILLING OVER UTILITIES. AS-BUILTS SHALL CONFORM TO APPLICABLE STANDARDS & REQUIREMENTS STIPULATED BY THE TOWN OF MEDLEY PUBLIC WORKS DEPARTMENT. AS WELL AS ALL APPLICABLE JURISDICTIONS INCLUDING BUT LIMITED TO FDOT AND MIAMI DADE'S PUBLIC WORKS (AND WASTE MANAGEMENT) DEPARTMENT.
27. ALL WORK ADJACENT TO EXISTING PIPES SHALL BE PERFORMED WITH CARE TO PREVENT DAMAGE TO THE INTERIOR WALL OR LINING OF THE PIPE. ANY PIPE SECTION WITH DAMAGED INTERIOR WALLS OR LININGS MUST BE REPLACED AT NO ADDITIONAL EXPENSE TO THE TOWN OF MEDLEY.
28. CONTRACTOR SHALL COMPLY WITH ALL LOCAL AIR QUALITY AND POLLUTION CONTROL REGULATIONS THAT PERTAIN TO CONSTRUCTION ACTIVITIES. ALL COST FOR CONTROLLING DUST OR POLLUTION OF ANY KIND SHALL BE INCIDENTAL TO THE CONTRACT.
29. EQUIPMENT FLUIDS AND OIL SPILLAGE SHALL BE CLEANED UP PROMPTLY ON ACCORDANCE WITH REGULATORY REQUIREMENTS AND STANDARDS.
30. THE CONTRACTOR SHALL NOTE IN THE RECORD DRAWINGS ANY AND ALL PIPES, DUCTS AND CABLES FOUND DURING THE PROGRESS OF THE PROJECT. INDICATE EXACT POSITION, ELEVATION, DIRECTION, SIZE, MATERIAL, PURPOSE AND ACTIVE STATUS IF KNOWN.
31. CONTRACTOR SHALL MAINTAIN REQUIRED JURISDICTIONAL VERTICAL AND HORIZONTAL SEPARATION BETWEEN ALL EXISTING AND PROPOSED STORM DRAINAGE IMPROVEMENTS.
32. ALL WORK MATERIALS MUST BE PROTECTED AGAINST WEATHER IMPACTS.

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MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM



TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

GENERAL NOTES
(2 OF 4)

SHEET NO.
G-1.2

CONSTRUCTION NOTES (CONTINUED)

33. CERTIFICATE OF COMPLETION OF PROJECT IN ACCORDANCE WITH CONSTRUCTION DOCUMENTS WILL NOT BE ISSUED BE E.O.R. TO AGENCIES HAVING JURISDICTION UNLESS ALL REQUIREMENTS FOR CONSTRUCTION WORK ARE COMPLIED WITH AND CERTIFIED AS-BUILT DRAWINGS SUBMITTED AND ALL PERTINENT PERMITS ARE CLOSED.
34. CONTRACTOR SHALL SCHEDULE INSPECTIONS AND TESTING EVENTS A MINIMUM OF 72 HOURS IN ADVANCE.
35. EXISTING SECTION CORNER, QUARTER-SECTION CORNER, AND COUNTY SURVEY CONTROL MONUMENTS LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS/AREAS ARE TO BE REFERENCED PRIOR TO CONSTRUCTION AND RESET BY CONTRACTOR UTILIZING THE SERVICES OF A PROFESSIONAL LAND SURVEYOR AND MAPPER (WITH ACTIVE LICENSE IN THE STATE OF FLORIDA). ANY MONUMENT RESET REQUIRES COORDINATION WITH APPROPRIATE JURISDICTIONAL AUTHORITIES. THIS IS CONSIDERED INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO TOWN OF MEDLEY.
36. CONTRACTOR SHALL WARRANTY ALL WORK INCLUDING MATERIALS AND LABOR FOR A MINIMUM PERIOD IN ACCORDANCE WITH TOWN OF MEDLEY.
37. EQUIPMENT - ALL CONSTRUCTION EQUIPMENT NECESSARY AND REQUIRED FOR THE PROPER CONSTRUCTION OF THIS PROJECT SHALL BE IN FIRST-CLASS WORKING CONDITION. DOWNTIME DUE TO FAULTY OR INOPERABLE EQUIPMENT SHALL BE NO EXCUSE FOR NOT MAINTAINING PROJECT CONSTRUCTION SCHEDULE.
38. ALL APPLICABLE PERMITS, PERMIT FEES AND CHARGES FROM AGENCIES HAVING JURISDICTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE OBTAINED/PAID PRIOR TO COMMENCEMENT OF CONSTRUCTION. THIS SHALL BE INCLUDED IN CONTRACTOR'S BID PRICE FOR THE PROJECT.
39. CONTRACTOR SHALL MAINTAIN AN APPROVED SET OF CONSTRUCTION PLANS ON SITE. THE PLANS ARE TO BE MADE AVAILABLE FOR ENGINEERING INSPECTIONS.
40. A CONTRACTOR'S SUPERINTENDENT SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS WHILE THIS PROJECT IS IN PROGRESS. THE CONTRACTOR'S SUPERINTENDENT SHALL BE THE DESIGNATED RESPONSIBLE CONTRACTOR'S REPRESENTATIVE AND SHALL BE AVAILABLE IN CASE OF EMERGENCIES ON A 24-HOUR BASIS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDED TWO ALTERNATIVE EMERGENCY/ 24 HOUR CONTACTS FOR THE WORK INCLUDED IN THE CONSTRUCTION DOCUMENTS.
41. TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
42. ANY UTILITY SHUT DOWN/TIE-IN SHALL BE COORDINATED WITH A MINIMUM OF TWO WEEKS NOTICE.
43. SANITARY SERVICE SHALL BE COVERED BY PORTABLE TOILETS WHICH SHALL BE COLLECTED AND CLEANED ON A REGULAR BASIS.
44. THE CONTRACTOR SHALL SCHEDULE AND PERFORM THE WORK IN SUCH A MANNER AS TO RESULT IN THE LEAST POSSIBLE DISRUPTION TO THE PUBLIC'S USE OF ROADWAYS, DRIVEWAYS AND UTILITIES. UTILITIES SHALL INCLUDE BUT NOT BE LIMITED TO WATER, SEWERAGE, DRAINAGE STRUCTURES, DITCHES AND CANALS, GAS ELECTRIC TELEVISION AND TELEPHONE PRIOR TO COMMENCING WITH THE WORK.
45. CONTRACTOR SHALL SEQUENCE THE WORK SO AS TO MINIMIZE IMPACTS ON EXISTING OPERATIONS AND ACCESS TO BUSINESS, RESIDENTS AND FOR EMERGENCY OPERATIONS.
46. CONTRACTOR SHALL BE AWARE THAT ELEMENTS AND SEGMENTS OF THE WORK ARE LOCATED IN CLOSE PROXIMITY TO BUSINESSES AND OFFICES THAT WILL REMAIN OPERATIONAL DURING THE CONSTRUCTION OF THE PROJECT.
47. ALL WORK SHALL BE COORDINATED WITH SURROUNDING BUSINESS OWNERS. A MINIMUM OF TWO WEEKS NOTIFICATIONS MUST BE GIVEN PRIOR TO CONSTRUCTION ACTIVITY AND EVIDENCE OF SUCH COORDINATION SHALL BE MADE IMMEDIATELY AVAILABLE UPON REQUEST.
48. CONTRACTOR MUST MAINTAIN A DAILY LOG OF EVENTS AND OCCURRENCES DURING EACH WORK SHIFT FOR PROJECT RECORDS. THIS INFORMATION SHALL BE MADE AVAILABLE UPON REQUEST.
49. DEWATERING SHALL BE LIMITED TO LOW- FLOW, SHORT- TERM TO AVOID POTENTIAL PLUME EXACERBATION ASSOCIATED WITH THIS ACTIVITY, AND SHOULD BE PERFORMED IN ACCORDANCE WITH THE DEWATERING PERMITS FROM MIAMI-DADE RER AND APPLICABLE JURISDICTIONS. CONTRACTOR SHALL APPLY FOR APPLICABLE PERMITS MIAMI-DADE RER.
50. IF AT ANY TIME DURING DEWATERING ACTIVITIES, EVIDENCE OF CONTAMINATION IS OBSERVED WITHIN THE WORKING AREA, THE CONTRACTOR SHALL STOP WORK AND NOTIFY/CONTACT THE EOR AND TOWN OF MEDLEY.
51. THE CONTRACTOR SHALL INCLUDE IN HIS/HER BID PRICE, THE NECESSARY RESOURCES FOR REMOVING ORGANIC/PEAT MATERIAL WHERE IT EXISTS AND BACKFILLING WITH SUITABLE MATERIAL IN ACCORDANCE WITH JURISDICTIONAL STANDARDS OF MIAMI DADE COUNTY AND THE TOWN OF MEDLEY. NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED FOR THE CONTRACTORS FAILURE TO ACCOUNT FOR THESE RELATED COSTS.
52. INSTALLATION OF PIPE WHERE UNSUITABLE MATERIAL(S)ARE ENCOUNTERED SHALL NOT BE ACCEPTED BY THE EOR AND THE TOWN OF MEDLEY. CONTRACTOR SHALL REMOVE THE INSTALLED PIPE, REMOVE THE UNSUITABLE MATERIAL AND REINSTALL THE PIPE PER JURISDICTIONAL STANDARDS AT NO ADDITIONAL COST TO THE TOWN OF MEDLEY.
53. COSTS INCURRED BY CONTRACTOR TO PREPARE AND ACQUIRE STAGING AREA FOR CONSTRUCTION PURPOSES, IS AT THE CONTRACTOR'S SOLE EXPENSE WITH NO ADDITIONAL COSTS PROVIDED BY THE TOWN OF MEDLEY.
54. ANY APPLICABLE PERMITS AND APPROVALS FROM JURISDICTIONS FOR UTILIZATION OF "STAGING AREA" IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL NOT ADVERSELY IMPACT CONSTRUCTION SCHEDULE DUE TO LACK OF TIMELY RETRIEVAL OF SAID APPROVALS AND/ OR PERMITS
55. PROPER PROTOCOL MUST BE IMPLEMENTED BY CONTRACTOR TO ENSURE THAT MATERIAL ORDERS FOR DELIVERY ARE DIRECTED TO PROPER LOCATIONS.
56. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT DESIGN STANDARDS (600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
57. NO WORK OR ACTIVITY SHALL BEGIN UNTIL ALL REQUIRED SAFETY ITEMS AND PERSONNEL ARE IN THEIR PROPER POSITIONS WITH APPROPRIATE SAFETY GEAR.

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MICHAEL ADEIFE, P.E.
 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
 WWW.EACCONSULT.COM



TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

GENERAL NOTES
 (3 OF 4)

SHEET NO.
G-1.3

PRE-TRENCHING NOTES

- EXISTING UTILITIES SHOWN ON THESE PLAN SHEETS ARE APPROXIMATE. ADDITIONAL UTILITIES MAY EXIST IN THE FIELD THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INCLUDE AS PART OF HIS/HER BID, CONSIDERATION FOR PRE-TRENCHING TO ENSURE THAT NO PORTION OF THE PROPOSED WORK CONFLICTS WITH ANY UTILITIES. IF POTENTIAL CONFLICTS ARE FOUND, THE CONTRACTOR MUST NOTIFY THE OWNER, ENGINEER & UTILITY OWNER AT LEAST SEVEN (7) DAYS PRIOR TO CONSTRUCTION. THIS NOTIFICATION SHALL INCLUDE SURVEY INFORMATION ABOUT THE CONFLICTING UTILITY'S HORIZONTAL & VERTICAL ALIGNMENT. FAILURE ON THE CONTRACTOR'S PART TO PRE-TRENCH PRIOR TO CONSTRUCTION IS AT HIS/HER OWN RISK & BY SO DOING RELIEVES THE OWNER & THE ENGINEER OF ANY & ALL LIABILITIES & COSTS ASSOCIATED WITH RESOLVING UTILITY CONFLICTS. IN ADDITION, NO ADDITIONAL COMPENSATION SHALL BE GRANTED FOR ANY COSTS INCURRED AS A RESULT OF FAILURE ON THE CONTRACTOR'S PART TO PRE-TRENCH.
- EXTREME CAUTION SHALL BE USED DURING ANY EXCAVATION. ALL EXCAVATIONS MUST BE SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED TO AVOID CAVE-INS AND COMPROMISE SAFETY.
- CONTRACTOR SHALL UTILIZE SUBSURFACE UTILITY ENGINEERING METHODS & CORING TO DISCLOSE THE PRESENCE OF ROCK, UTILITIES & OTHER SUBSURFACE ELEMENTS NOT INDICATED ON TOPOGRAPHY SURVEY.
- CONTRACTOR MUST ENGAGE IN CONSULTATIONS WITH IDENTIFIED UTILITY OWNERS.
- PRE-TRENCHING DIRECTIONS TO CONTRACTOR:
 - CONTRACTOR SHALL UTILIZE A SUPPORT SYSTEM STURDY ENOUGH TO WITHSTAND THE PRESSURE OF THE SOIL.
 - CONTRACTOR SHALL UTILIZE A SUPPORT SYSTEM STURDY ENOUGH TO WITHSTAND THE STRESS WHICH MAY BE EXERTED BY WATER, VIBRATION, OR HEAVY LOADS.
 - CONTRACTOR SHALL PROPERLY SUPPORT ANY UNDERGROUND INSTALLATIONS THAT ARE UNCOVERED.
 - CONTRACTOR SHALL CONFORM TO THE TRENCH SAFETY ACT AND ALL OSHA REQUIREMENTS.
- BEFORE TRENCHING OR EXCAVATION, CONTRACTOR SHALL CHECK AND VERIFY THE FOLLOWING:
 - SOIL CONDITIONS.
 - PROXIMITY OF PROPOSED IMPROVEMENTS TO UTILITIES, BUILDINGS & SOURCES OF VIBRATIONS.
 - OWNERS OF UTILITIES, SERVICE, OR TRANSMISSION PIPING, ETC., & ARRANGE FOR SHUTDOWN OR RELOCATION OF FACILITIES, IF NECESSARY.
 - TREES, BOULDERS, FENCES, GATES, PRIVATE DECORATIONS, MAILBOXES, LANDSCAPING, OR OTHER HAZARDS.
 - ADEQUACY & AVAILABILITY OF ALL EQUIPMENT, INCLUDING PERSONAL PROTECTIVE GEAR, SHORING MATERIALS, SIGNS, BARRICADES & MACHINERY.
- DURING AND AFTER TRENCHING OR EXCAVATION, CONTRACTOR SHALL REGULARLY CHECK FOR THE FOLLOWING:
 - CHANGING GROUND CONDITIONS PARTICULARLY AFTER RAINFALL.
 - POSSIBLE OXYGEN DEFICIENCY OR GASEOUS CONDITIONS.
 - ADEQUACY OF SHORING AND/OR SLOPING AS WORK PROGRESSES.
 - MAINTENANCE OF ENTRANCE & EXIT FACILITIES.
 - ALL SHEETING, BRACING, SHORING & UNDERPINNING, PORTABLE TRENCH BOXES OR SHIELDS POSITIONED TO PREVENT SLIDING, FALLING, OR KICKOUT.
 - CHANGES IN VEHICULAR & MACHINERY OPERATIONAL PATTERNS
 - SLOPING OF BANKS, SIDES & WALLS IN RELATION TO DEPTH OF CUT, WATER CONTENT OF SOIL, VIBRATIONS.
 - LOCATION OF HEAVY EQUIPMENT - POWER SHOVELS, DERRICK, TRUCKS.
 - EXCAVATION MATERIAL IS TWO FEET OR MORE FROM EDGE OF OPENING.
- PRE-TRENCHING REQUIREMENTS CHECKLIST:
 - PRIOR TO EXCAVATION, THE CONTRACTOR SHALL UNDERTAKE EFFORTS TO DETERMINE UNDERGROUND INSTALLATIONS SUCH AS SEWER, TELEPHONE, WATER, GAS, ELECTRIC LINES, FLAMMABLE PIPELINES, ETC. ARE PRESENT & WHERE THEY ARE ACTUALLY LOCATED.
 - THE WALLS & FACES OF ALL EXCAVATIONS IN WHICH EMPLOYEES ARE EXPOSED TO DANGER FROM MOVING GROUND SHALL BE GUARDED BY A SHORING SYSTEM, SLOPING OF THE GROUND OR SOME OTHER EQUIVALENT MEANS.
 - THE DETERMINATION OF THE ANGLE OF REPOSE & DESIGN OF THE SUPPORTING SYSTEM SHALL BE BASED ON CAREFUL EVALUATION OF PERTINENT FACTORS SUCH AS: DEPTH OF CUT, POSSIBLE VARIATION IN THE WATER CONTENT OF THE MATERIALS FROM EXPOSURE TO AIR, SUN AND/OR WATER.
 - IN EXCAVATIONS WHICH EMPLOYEES MAY BE REQUIRED TO ENTER, EXCAVATED OR OTHER MATERIALS SHALL BE EFFECTIVELY STORED & RETAINED AT LEAST 2 FT OR MORE FROM THE EDGE OF THE EXCAVATION.

PAVING NOTES

- RESURFACING OF MILLED AREAS SHALL BE COMPLETED WITHIN 1 CALENDAR DAY OF MILLING OPERATION TO MINIMIZE POTHOLE DEVELOPMENT AND INCONVENIENCES TO MOTORING PUBLIC.
- UNLESS OTHERWISE INDICATED, ONLY ROADWAY LANES AFFECTED BY ACTUAL CONSTRUCTION OR DAMAGED BY CONSTRUCTION EQUIPMENT SHALL BE MILLED AND RESURFACED. LANES DAMAGED BY CONSTRUCTION EQUIPMENT OR BY THE IMPROPER OPERATION OF CONSTRUCTION EQUIPMENT SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. ALL RESTORATION SHALL COMPLY WITH THE STANDARDS AND REQUIREMENTS OF AGENCIES HAVING JURISDICTION.
- ALL ELEVATIONS SHOWN REFER TO GROUND LEVEL LOCATIONS ON SWALES, OR PAVED SURFACES ACCORDINGLY.
- COMPACTION REQUIREMENTS SPECIFIED BY FDOT AND MDPWD (PWMM) TECHNICAL SPECIFICATIONS SHALL BE ADHERED TO.
- GRASSED AREAS: UNLESS OTHERWISE SPECIFIED ON CONSTRUCTION DRAWINGS, DETAILS AND SPECIFICATIONS, PROVIDE SOLID SODDING OF FLORATAM ST. AUGUSTINE IN UNPAVED AREAS OF RIGHTS-OF-WAY & ALL OTHER AREAS NOT OCCUPIED BY STRUCTURES, DRIVEWAYS, WALKWAYS, PAVEMENTS OR OTHER PLANTINGS.
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- WHERE MILLING IS DIRECTED FOR ON THE PLANS, THE CONTRACTOR SHALL MILL TO AVOID EXPOSURE OF THE BASE MATERIAL. BITUMINOUS TACK COAT MATERIAL SHALL BE APPLIED TO MILLED SURFACES PRIOR TO RESURFACING AND IN BETWEEN ASPHALT LIFTS.
- TACK COAT AND ITS APPLICATION SHALL COMPLY FULLY WITH FDOT STANDARDS. THE COST OF THE MATERIAL AND APPLICATION OF TACK COAT SHALL BE INCLUDED IN THE BID COST FOR ASPHALT / PAVING.
- EXISTING UTILITIES SHALL REMAIN AND BE PROTECTED IN PLACE EXCEPT AS OTHERWISE NOTED ON THE PLANS. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION AND INTERPOLATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CONTRACTOR SHALL AT HIS/HER EXPENSE CONDUCT ADEQUATE UTILITIES VERIFICATION PRIOR TO CONSTRUCTION.
- IF ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE EOR IN CONJUNCTION WITH THE TOWN ENGINEER.
- EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.

GRADING NOTES



- OSHA TRENCH SAFETY COMPLIANCE - THE CONTRACTOR SHALL UTILIZE TRENCH BOXES OR OTHER APPROVED MEANS TO COMPLY WITH THE FLORIDA TRENCH SAFETY ACT (FLORIDA STATUTE SECTIONS 553.60-553.63), AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) EXCAVATION SAFETY STANDARDS, 29 C.F.R.S. 1926.650 SUBPART P.
- EXCESS EXCAVATED MATERIAL - EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A MANNER ACCEPTABLE AND AUTHORIZED BY JURISDICTIONAL AUTHORITIES. CONTRACTOR MUST COMPLY WITH APPLICABLE SECTIONS OF TECHNICAL SPECIFICATIONS.
- CONSTRUCTION DEBRIS SHALL NOT BE BURIED OR LEFT ON SITE DURING OR AFTER CONSTRUCTION. ADVERSE IMPACTS TO PROPOSED WORK OR ALREADY CONSTRUCTED WORK BY DEBRIS MUST BE AVOIDED.
- LANDSCAPED AREAS & OTHER PVIOUS AREAS THAT DON'T HAVE A DEFINED DRAINAGE COLLECTION SYSTEM SHALL BE GRADED TO ENSURE POSITIVE DRAINAGE.

UTILITY PROVIDERS

AT&T DISTRIBUTION STEVE MASSIE 9101 SW 24TH STREET, 1ST FLOOR MIAMI, FL 33165 (305) 222-8745	FLORIDA POWER & LIGHT TRACY STERN 2900 CATHERINE ST PALATKA, FL 32177 PHONE: 800-868-9554	MIAMI DADE WATER AND WASTE WATER DEPARTMENT SERGIO GARCIA 3575 S LEJEUNE RD MIAMI, FL 33157 PHONE: 786-268-5320	COMCAST CABLE LEONARD MAXWELL-NEWBOLD 2601 SW 145th AVE MIRAMAR, FL, 33027 (954) 447-8405
BUCKEYE PIPELINE JOMARIE JENKINS FVE TEK PARK BREINIGSVILLE, PA 18081 PHONE: 610-904-4138	MIAMI DADE PUBLIC WORKS AURELIO DEL VALLE 7100 NW 36TH STREET MIAMI, FL 33166 PHONE: 305-592-8925 EXT:258 FAX: 305-477-6422	CITY OF MIAMI SPRINGS 345 NORTH ROYAL POINCIANA BLVD MIAMI SPRINGS, FL 33166 PHONE: 305-556-3700 X2545	FPL FIBERNET LLC DANNY HASKETT 9250 W FLAGLER ST MIAMI, FL 33174 (305) 552-2931
CENTURY LINK (FORMALLY QWEST COMMUNICATIONS) GEORGE MCELVAIN 700 W MINERAL AVE, NE J31.2 LITTLETON, CO 80120 PHONE: 303-902-9931	SPRINT NEXTEL MARK CALDWELL 201 E. PINE STREET SUITE 1306 ORLANDO, FL 32801 PHONE: 407-422-6670	TOWN OF MEDLEY UTILITIES DEPARTMENT HERIBERTO CABRERA 7331 NW 74 STREET MEDLEY, FL 33166 PHONE: 305-889-1915	FLORIDA CITY GAS DEXTER PINKNEY 955 E 25TH ST HIALEAH, FL 33013 PHONE: 305-835-3632
LEVEL 3 COMMUNICATIONS LLC JUDY HENRY 1025 ELDORADO BLVD, BLDG 13C04 BROOMFIELD, CO 80021 (720) 888-2061	MCI INVESTIGATIONS DEPARTMENT 2400 N. GLENVILLE RICHARDSON, TX 75082 PHONE: 972-729-6016	CITY OF HIALEAH - DEPT OF WATER & SEWER CEASAR CASTILLO 3700 W 4TH AVE HIALEAH, FL 33012 PHONE: 305-556-3700 X2545	

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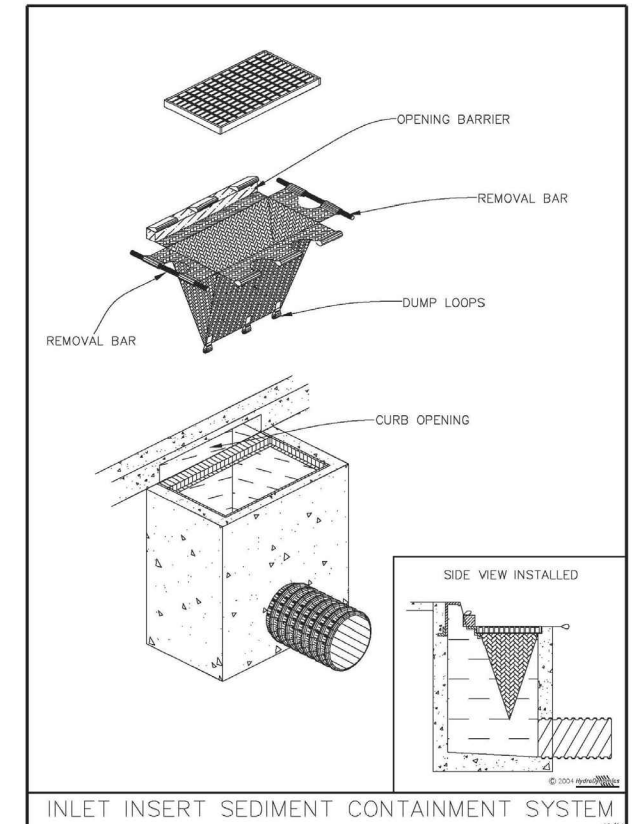
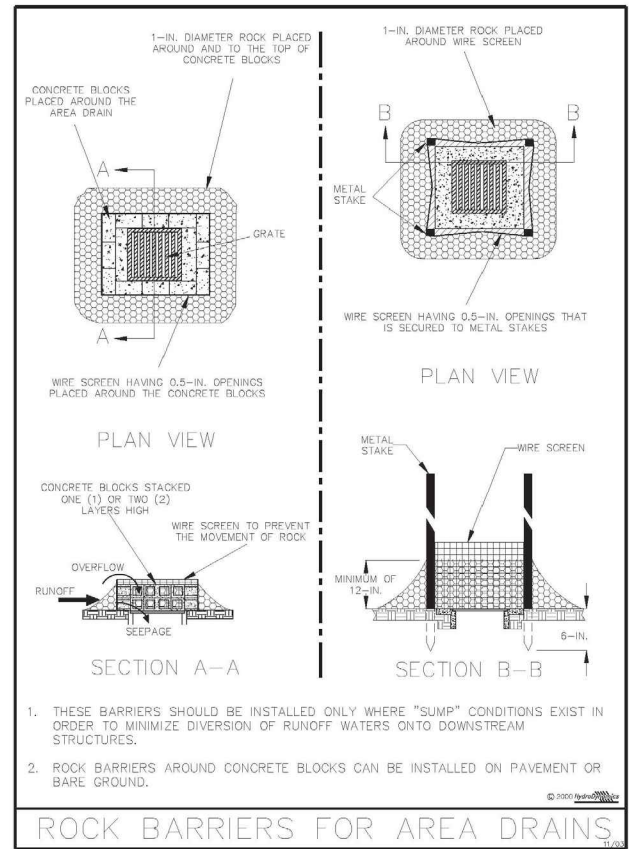


REVISIONS				 MICHAEL ADEIFE, P.E. P.E. LICENSE NO. 56094 EAC CONSULTING, INC. 815 NW 57TH AVE, SUITE 402 MIAMI, FL 33126 WWW.EACCONSULT.COM	 TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	PROJECT STREET NW S RIVER DRIVE		COUNTY	GENERAL NOTES (4 OF 4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			MIAMI-DADE	G-1.4			

STORM WATER POLLUTION PREVENTION PLAN NOTES

1. PERMANENT OR TEMPORARY EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICABLE TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICE. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHALL BE THE PLACEMENT OF TEMPORARY EROSION & SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT, THE INITIAL WORK AREA, & OTHER AFFECTED AREAS TO PREVENT STORM WATER POLLUTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE & REPAIRS OF EROSION & SEDIMENT CONTROL/SWPPP DEVICES PER THE FDOT STANDARD SPECIFICATION FOR ROAD & BRIDGE CONSTRUCTION (CURRENT EDITION). THE MAINTENANCE OF THESE DEVICES WILL OCCUR UNTIL THE OWNER'S REPRESENTATIVE HAS DEEMED AN AREA PERMANENTLY STABILIZED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL TEMPORARY EROSION AFTER COMPLETION OF THE PROJECT.
3. CONFORMANCE WITH SWPPP SHALL NOT RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITIES TO PROTECT ADJACENT PROPERTIES, FEATURES & NATURAL ENVIRONMENT FROM THE POSSIBLE DAMAGE IMPACT THAT MAY ARISE AS A RESULT OF THE CONSTRUCTION LIMITED TO CONSTRUCTING SUCH FACILITIES & ANY OTHER MEASURES THAT ARE NECESSARY TO PREVENT CONTROL & ABATE WATER , & EROSION DAMAGE TO PUBLIC & PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT
4. EROSION & SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THE INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.
5. CONTRACTOR SHALL VERIFY THAT ALL DRAINAGE STRUCTURES, WITHIN THE PROJECT LIMITS WHETHER INDICATED ON THE PLANS OR NOT, SHALL BE PROTECTED IN ACCORDANCE WITH THE ESTABLISHED METHODS AS NOTED ABOVE.
6. DUST, RESULTING FROM PROPOSED DEMOLITION ACTIVITIES, SHALL BE PREVENTED FROM INTRUSION INTO THE STORMWATER CONVEYANCE SYSTEM. APPROPRIATE DUST CONTROL TECHNIQUES (WATER OR SLURRY) MUST BE RETAINED ON SITE. THE USE OF CALCIUM CHLORIDE, OILS OR OTHER CHEMICAL DUST CONTROL AGENTS IS PROHIBITED.
7. CONTRACTOR SHALL INSTALL PERIMETER POLLUTION PREVENTION CONTROLS AFTER CLEARING & GRUBBING AND BEFORE BEGINNING OTHER CONSTRUCTION. CONTRACTOR SHALL REMOVE PERIMETER CONTROLS ONLY AFTER ALL AREAS HAVE BEEN STABILIZED.
8. THE EXISTING DRAINAGE FLOW PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL MONITOR ALL POLLUTION CONTROL DEVICES TO ENSURE SUFFICIENT CONVEYANCE OF STORMWATER RUNOFF & TO ELIMINATE SOIL EROSION DURING CONSTRUCTION.
10. CONTRACTOR SHALL COVER LOADED TRUCKS WITH TARPULINS.
11. CONTRACTOR SHALL REMOVE EXCESS DIRT FROM THE ROADWAY DAILY.
12. A QUALIFIED PERSON SHALL INSPECT POLLUTION CONTROL DEVICES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS & WITHIN 24 HOURS OF THE END OF A STORM, THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL & MAINTAIN RAIN GAUGES & RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO VERIFY THAT CONTROLS INSTALLED IN THE FIELD COMPLY WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.
13. WITHIN 24 HOURS OF INSPECTION, THE CONTRACTOR SHALL INITIATE REPAIRS TO THE CONTROL DEVICES THAT THE INSPECTION INDICATES ARE NOT IN GOOD ORDER.
14. AT NO TIME SHALL SEDIMENTS BE ALLOWED TO ACCUMULATE WITHIN DRAINAGE STRUCTURE & CONVEYANCE PIPELINES. STRUCTURES & PIPELINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
15. STOCKPILE OF EARTH & OTHER CONSTRUCTION RELATED MATERIAL MUST BE PROTECTED AGAINST ACCIDENTAL TRANSPORTATION FROM PROJECT SITE BY WIND & WATER FLOW.
16. ALL STORM DRAINAGE SYSTEMS MADE OPERABLE DURING CONSTRUCTION, SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT GAIN ENTRY INTO THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENTS.
17. MODIFICATIONS OR CHANGES TO THE INFORMATION DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN SHEETS MUST BE SUBMITTED TO THE EOR/JURISDICTIONS FOR APPROVAL.

18. IF ADDITIONAL EROSION & SEDIMENT CONTROL BMP'S ARE REQUESTED BY ANY REGULATORY AGENCY, THE CONTRACTOR MUST PROMPTLY IMPLEMENT SAID MEASURES AFTER APPROVAL OF EOR/JURISDICTIONS.
19. THE INSTALLATION OF EROSION & SEDIMENT CONTROL MEASURES SHALL TAKE PRECEDENCE OVER CONSTRUCTION ACTIVITIES.
20. ALL APPLICABLE PERMITS RELATING TO THE INSTALLATION OF THESE MEASURES MUST BE SECURED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.



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EAC
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

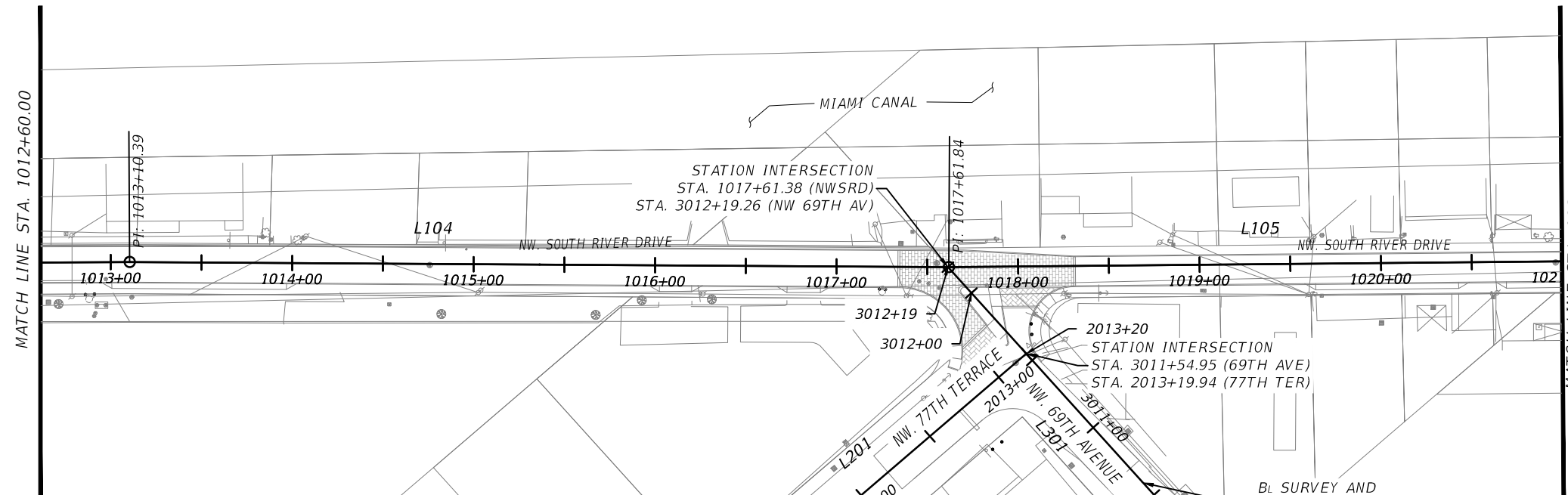
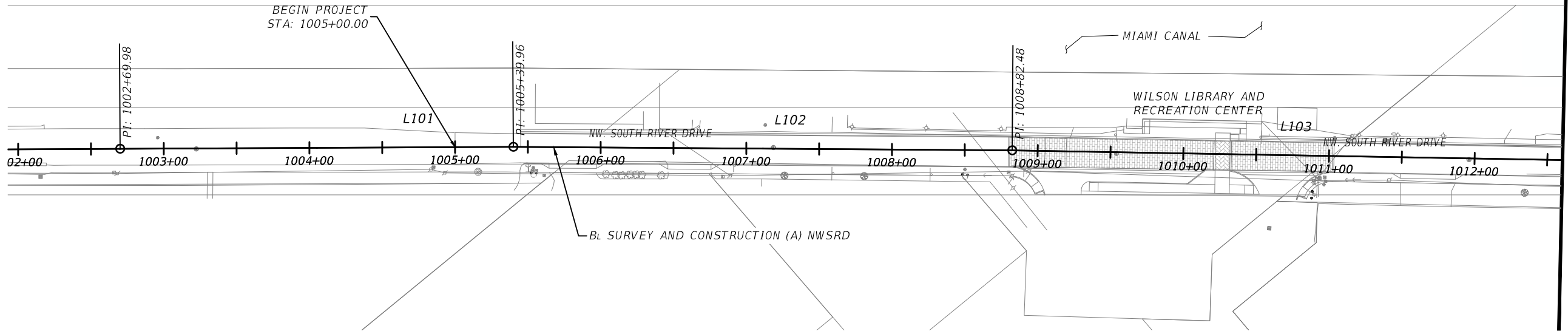


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

STORM WATER POLLUTION
PREVENTION NOTES

SHEET NO.
G-2.0



CONTROL LINE (A) DATA							B _L SURVEY & CONST.
SEGMENT	START STATION	NORTHING	EASTING	LENGTH	BEARING	END STATION	
L101	1002+69.98	550572.13	882093.94	269.98	S51° 14' 26.12"E	1005+39.96	(A)
L102	1005+39.96	550403.11	882358.35	342.53	S50° 31' 43.09"E	1008+82.48	(A)
L103	1008+82.48	550185.36	882685.86	427.90	S49° 56' 22.78"E	1013+10.39	(A)
L104	1013+10.39	549909.97	883028.17	451.46	S49° 18' 35.30"E	1017+61.84	(A)
L105	1017+61.84	549615.63	883695.67	868.61	S50° 12' 56.38"E	1026+30.46	(A)
L201	2000+00.00	549545.22	883029.83	1319.94	N89° 43' 14.76"E	2013+19.94	(B)
L301	3000+00.00	548397.27	883027.82	1219.26	N1° 47' 15.28"W	3012+19.26	(C)

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MIAMI, FL 33126
WWW.EACCONSULT.COM

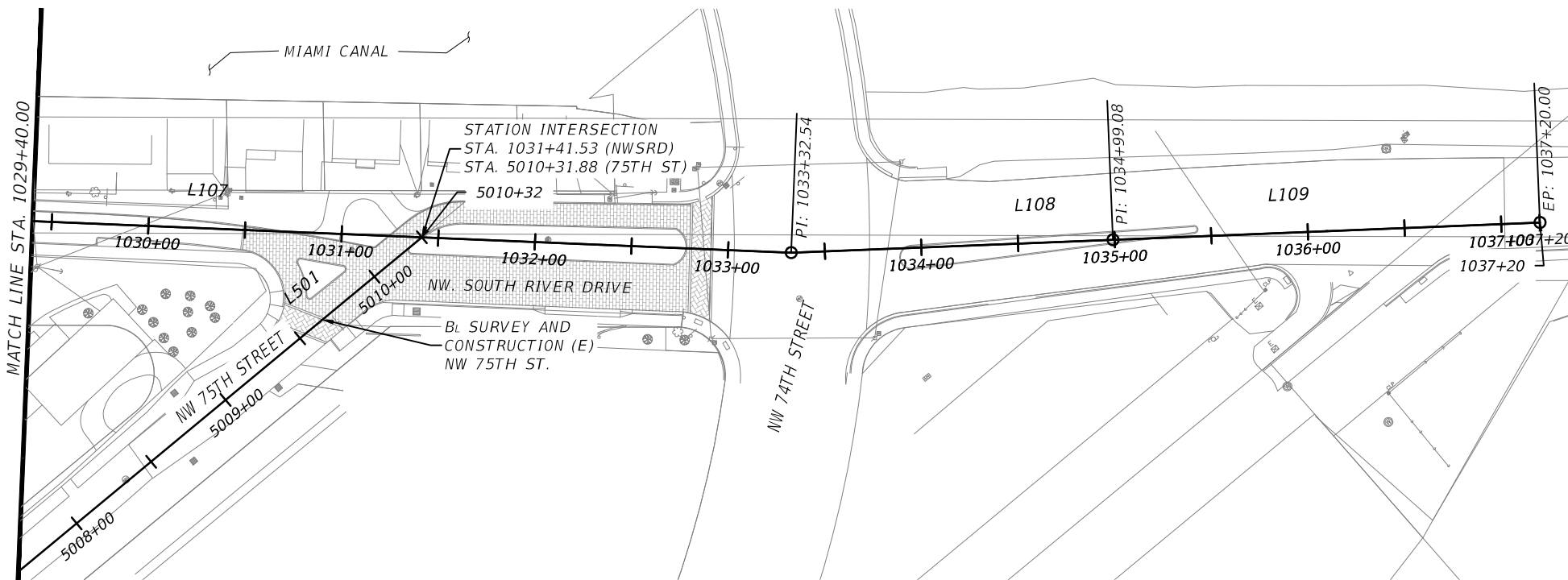
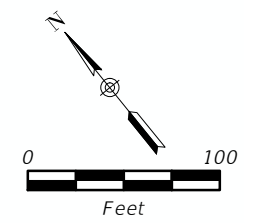
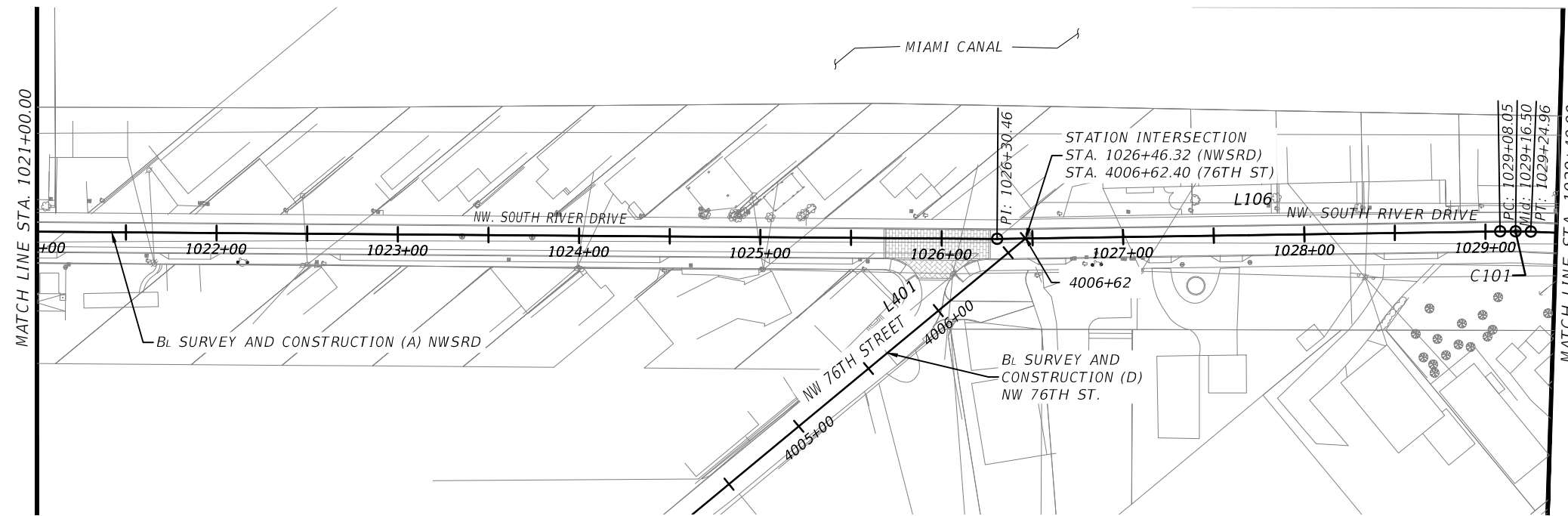


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

HORIZONTAL CONTROL
PLAN (1 OF 2)

SHEET NO.
C-1.1



CONTROL LINE (A) DATA							
SEGMENT	START STATION	NORTHING	EASTING	LENGTH	BEARING	END STATION	B _L SURVEY & CONST.
L105	1017+61.84	549615.63	883695.67	868.61	S50° 12' 56.38"E	1026+30.46	(A)
L106	1026+30.46	549059.81	883912.88	277.59	S51° 29' 22.12"E	1029+08.05	(A)
L107	1029+24.96	548876.07	884229.93	407.58	S48° 15' 37.10"E	1033+32.54	(A)
L108	1033+32.54	548604.72	884362.84	166.55	S52° 56' 18.78"E	1034+99.08	(A)
L109	1034+99.08	548504.35	884539.12	220.92	S52° 56' 18.78"E	1037+20.00	(A)
L401	4000+00.00	549046.75	883707.98	662.40	N89° 43' 03.04"E	4006+62.40	(D)
L501	5000+00.00	548726.81	884087.43	1031.88	N89° 43' 09.61"E	5010+31.88	(E)

CONTROL LINE DATA								
SEGMENT	START STATION	NORTHING	EASTING	RADIUS	LENGTH	BEARING	END POINT	B _L SURVEY & CONST. LINE
C101	1029+08.05	548881.6957	548886.9610	300.00	16.91	S49° 52' 29.61"E	1029+24.96	(A)

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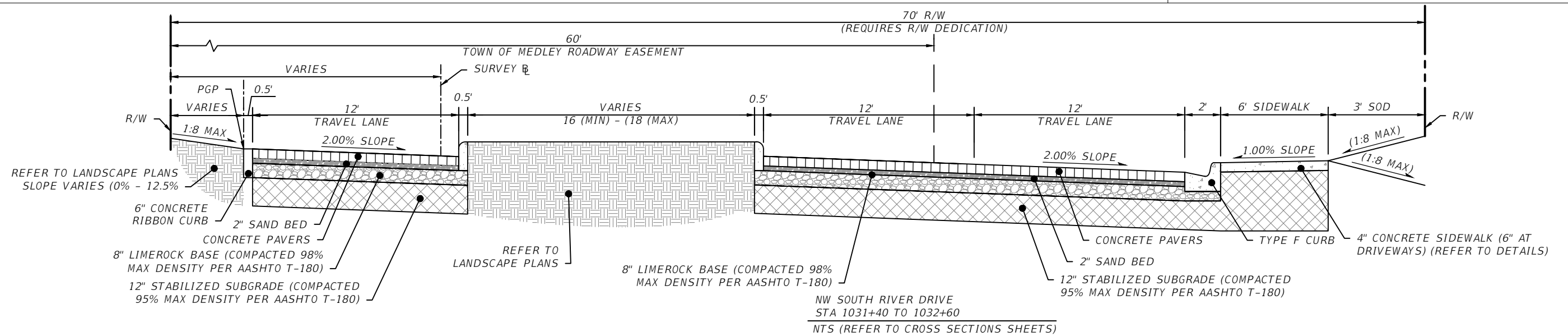
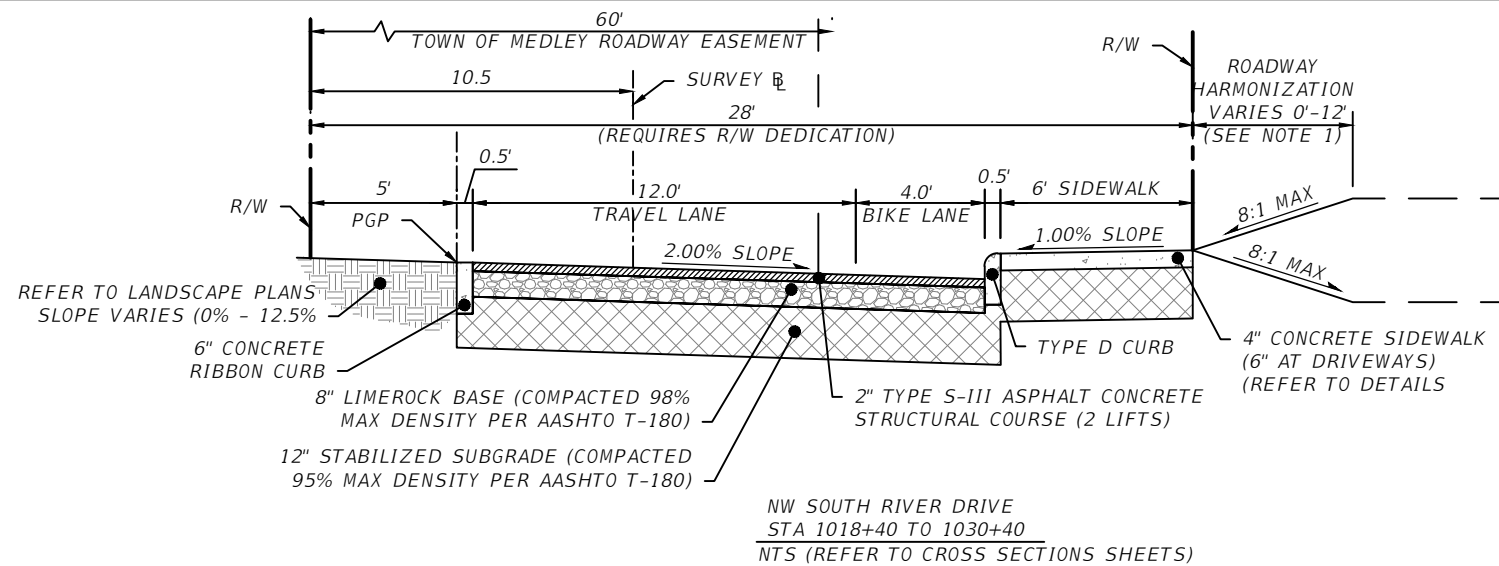
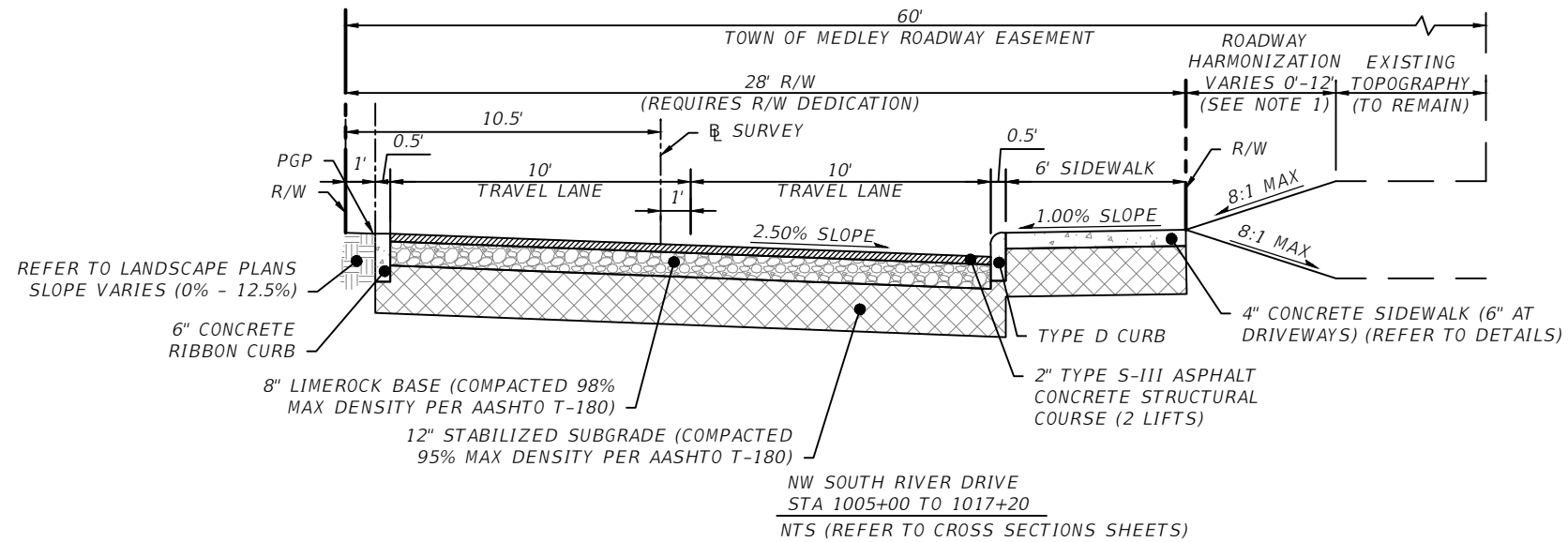
MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

HORIZONTAL CONTROL PLAN (2 OF 2)

SHEET NO. C-1.2



NOTES:

1. THIS PROJECT INCLUDES THE NEED TO CONSTRUCT ROADWAY CROSS SECTION HARMONIZATION OUTSIDE OF THE LIMITS OF DEDICATED RIGHT OF WAY.
2. CONTRACTOR SHALL COORDINATE ROADWAY CROSS SECTION GRADE HARMONIZATION WITH EACH RESPECTIVE PROPERTY OWNER THROUGH THE TOWN OF MEDLEY.
3. IN MATCHING EXISTING PAVED SURFACES, THE GROUNDCOVER OF HARMONIZED TERRAIN SHALL BE CONSTRUCTED TO MATCH EXISTING PAVEMENT (MATERIAL, TYPE, COLOR & PATTERN) TO THE ACCEPTANCE OF THE PROPERTY OWNER AND THE TOWN OF MEDLEY.
4. IN MATCHING EXISTING UNPAVED SURFACES, THE GROUNDCOVER OF HARMONIZED TERRAIN SHALL BE CONSTRUCTED OF SOD TO MATCH EXISTING CONDITIONS TO THE ACCEPTANCE OF THE PROPERTY OWNER AND THE TOWN OF MEDLEY.
5. CONTRACTOR SHALL CONTACT TOWN ENGINEER AND EOR IF LENGTH OF HARMONIZATION EXCEEDS 12 FT AT 8:1 MAX SLOPE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SECURING ALL LEGAL & TEMPORARY CONSTRUCTION EASEMENTS WITHIN PRIVATE PARCELS WITH SIGNED AUTHORIZATION FROM EACH PARCEL OWNER VERIFIED BY THE TOWN OF MEDLEY.
7. ALL WORK IN PRIVATE PROPERTY AND AS SHOWN ON THE TYPICAL SECTIONS AND PLAN SHEETS SHALL BE CONSIDERED AND INCLUDED BY THE CONTRACTOR AS PART OF THE BID FOR THIS PROJECT. THE TOWN OF MEDLEY SHALL NOT BE RESPONSIBLE FOR ANY ASSOCIATED COSTS NOT CONSIDERED BY THE CONTRACTOR.
8. CONTRACTOR SHALL COORDINATE THE INFORMATION DEPICTED ON THE TYPICAL SECTION SHEET WITH PERTINENT SURVEY DATA AND RECORD INCLUDED ON THE TOPOGRAPHY SURVEY, THE R/W DEDICATION MAPS, PARCEL ACQUISITION SKETCHES AND RIGHT OF WAY MAINTENANCE MAPS DEVELOPED FOR THIS PROJECT. THIS IS INFORMATION IS AVAILABLE AT THE TOWN ENGINEER'S OFFICE.

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MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

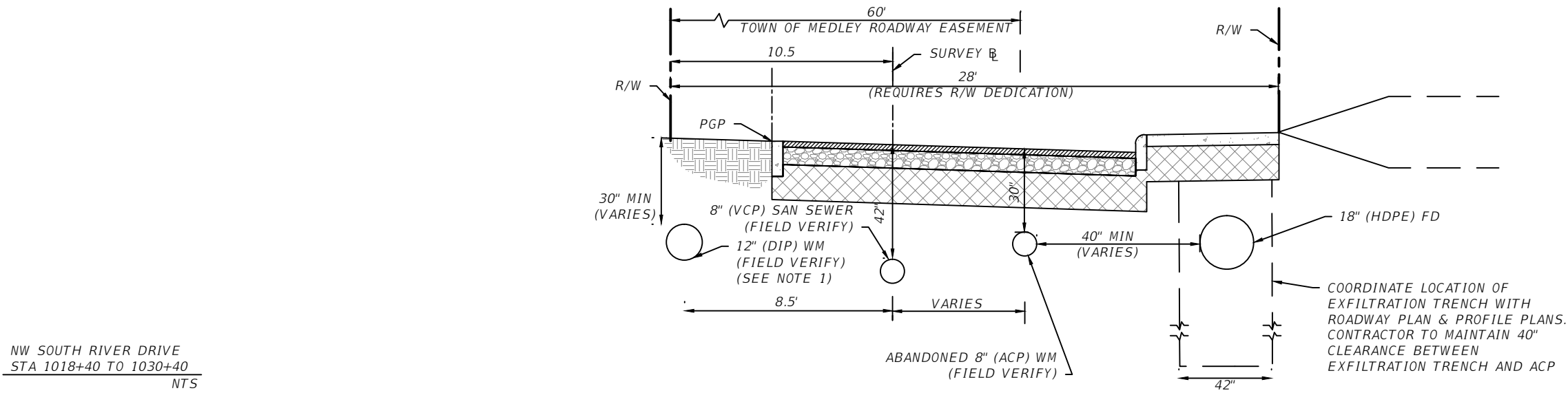
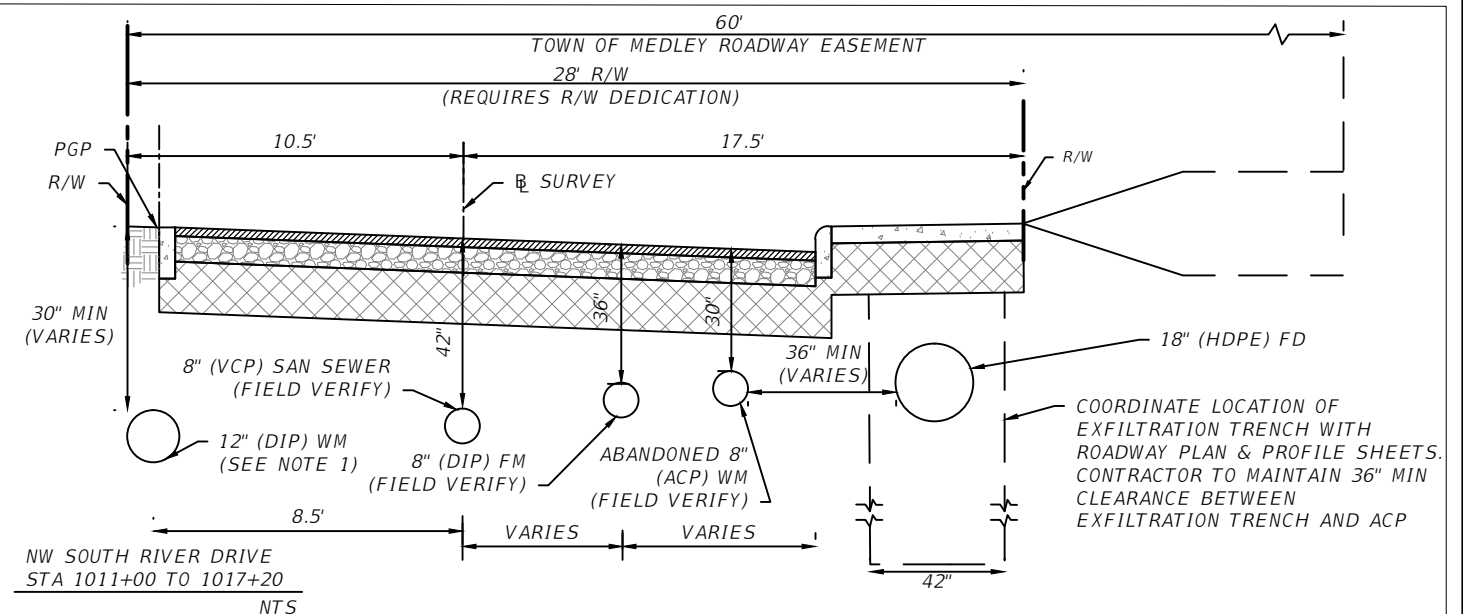
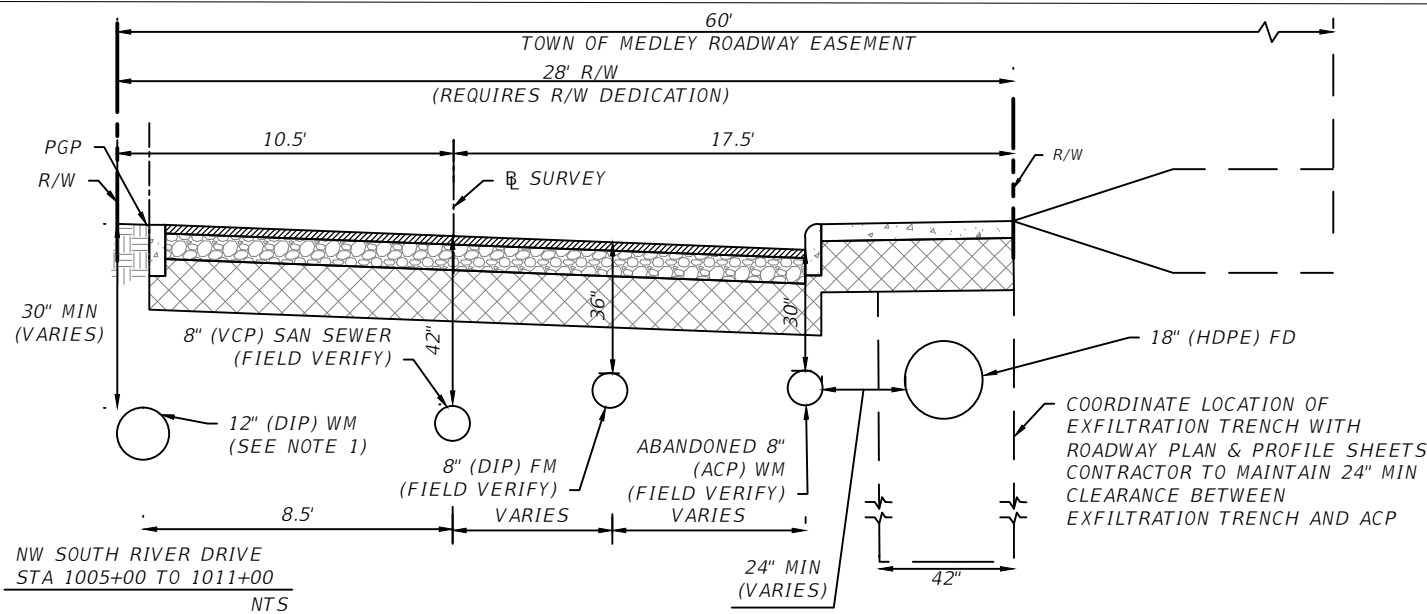


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

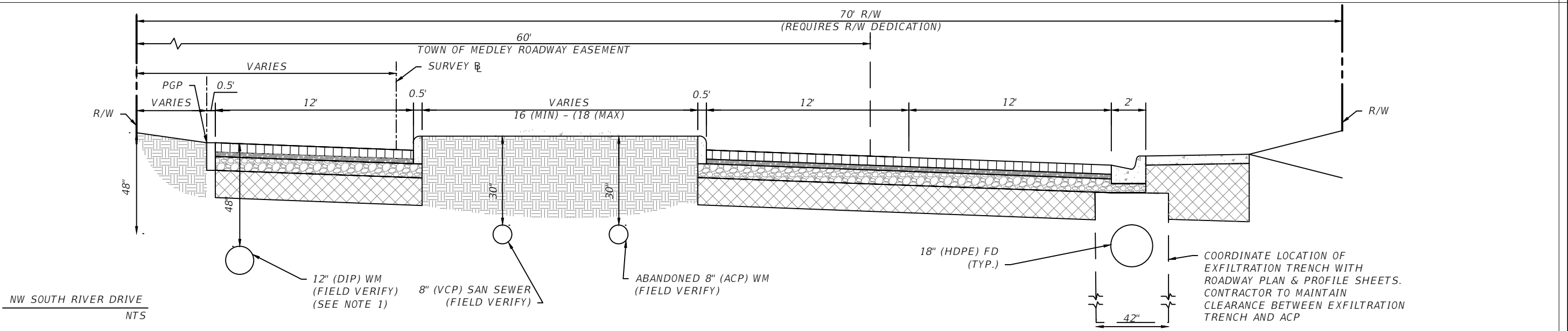
TYPICAL SECTIONS

SHEET NO.

C-2.1



- NOTES:
1. WATERMAIN SHOWN HEREON AS EXISTING REFLECTS PROPOSED WORK DUE TO BE PERFORMED PRIOR TO OR CONCURRENTLY WITH THIS PROJECT



REVISIONS			
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MICHAEL ADEIFE, P.E.
 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
 WWW.EACCONSULT.COM



TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

TYPICAL SUBSURFACE UTILITIES LAYOUT

SHEET NO.
 C-2.2

QUANTITY	STR. NO.	STATION	OFFSET (FT)	SIDE	DESCRIPTION	CORUS	STORM DRAIN PIPE (FT)					TYPE 8 CURB INLET (INLET THROAT MODIFICATION)			TYPE 8 CURB INLET (MANHOLE MODIFICATION)	TYPE 5 CURB INLET		DITCH BOTTOM INLETS		FDOT TRENCH DRAIN	REMARKS			
							SOLID PIPE					PERF. PIPE	REGULAR	REGULAR		SHALLOW	<10'	>10'	<10'			<10'	>10'	<10'
							6"	15"	17"x13"	18"	18"													
P	S-01	1006+19.91	14.49	RT	Inlet, Solid Pipe	1			70															
F																								
P	S-02	1006+92.81	14.57	RT	Manhole, Solid Pipe	2				40														
F																								
P	S-03	1007+32.81	14.67	RT	Manhole, Solid Pipe & French Drain	2				35	100											WITH POLLUTION RETARDANT BAFFLE (SE)		
F																								
P	S-04	1008+67.86	15.19	RT	Manhole, Solid Pipe & French Drain	2				20	100													
F																								
P	S-05	1009+81.70	14.65	RT	Inlet, French Drain	2					100							1				WITH POLLUTION RETARDANT BAFFLES (SE) (NW), J BOTTOM (72"X72")		
F																								
P	S-06	1010+83.42	15.35	RT	Manhole, Solid Pipe & French Drain	2				40	100													
F																								
P	S-07	1012+16.40	13.89	RT	Inlet, Solid Pipe & French Drain	3				35	160											WITH POLLUTION RETARDANT BAFFLES (SE) (NW)		
F																								
P	S-08	1012+16.36	21.79	RT	Trench Drain, Pipe	1	15															1		
F																								
P	S-09	1014+14.59	14.00	RT	Manhole, Solid Pipe & French Drain	3				30	145													
F																								
P	S-10	1014+14.48	22.85	RT	Trench Drain, Pipe	1	15															1		
F																								
P	S-11	1015+89.86	13.98	RT	Inlet, Solid Pipe & French Drain	2				35	110												WITH POLLUTION RETARDANT BAFFLES (SE) (NW)	
F																								
P	S-12	1017+36.72	14.11	RT	Inlet, Solid Pipe	2			40			1											WITH POLLUTION RETARDANT BAFFLE (NW)	
F																								
P	S-13	1017+76.30	13.95	RT	Manhole, Solid Pipe	3			55														1	
F																								
P	S-14	1018+30.85	13.30	RT	Inlet, Solid Pipe & French Drain	2				95	60												WITH POLLUTION RETARDANT BAFFLE (SE)	
F																								
P	S-15	1019+47.71	26.5	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-16	1019+86.83	14.22	RT	Inlet, Solid Pipe & French Drain	3				170	90	1											WITH POLLUTION RETARDANT BAFFLES (SE) (NW)	
F																								
P	S-17	1019+89.18	25	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-18	1020+28.64	23.32	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-19	1020+54.25	23.79	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-20	1018+13.59	53.51	RT	Inlet, Solid Pipe	2				55								1					J BOTTOM (48" X 48")	
F																								
P	S-21	1018+00.84	80.76	RT	Inlet, Solid Pipe	1				30								1					J BOTTOM (48" X 48")	
F																								
P	S-22	1021+06.89	20.86	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-23	1021+52.91	21.03	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-24	1022+20.16	13.87	RT	Inlet, Solid Pipe & French Drain	2				180	25												WITH POLLUTION RETARDANT BAFFLES (SE) (NW)	
F																								
P	S-25	1022+82.52	20.12	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-26	1023+14.27	20.36	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-27	1023+68.42	20.74	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-28	1024+24.40	14.5	RT	Inlet, Solid Pipe & French Drain	3				75	75												WITH POLLUTION RETARDANT BAFFLES (SE) (NW)	
F																								
P	S-29	1024+24.40	20.81	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-30	1025+27.54	22.15	RT	Trench Drain, Pipe	1	15																1	
F																								
P	S-31	1025+68.69	14.01	RT	Inlet, Solid Pipe	2			70														WITH POLLUTION RETARDANT BAFFLE (NW)	
F																								
P	S-32	1026+35.65	14.09	RT	Inlet, Solid Pipe & French Drain	3				110	40	1											WITH POLLUTION RETARDANT BAFFLES (SE)	
F																								
P	S-33	1027+79.95	14.04	RT	Inlet, Solid Pipe & French Drain	2				105	35	1											WITH POLLUTION RETARDANT BAFFLES (SE) (NW)	
F																								
P	S-34	1029+12.93	14.74	RT	Manhole, Solid Pipe & French Drain	2				115	20	1												
F																								
TOTALS THIS SHEET							195	0	235	1170	1160	5	6	1	6	0	0	3	0	13				
TOTAL FOR PROJECT							195	0	235	1430	1360	9	6	1	8	0	2	5	0	13				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM



THE TOWN OF MEDLEY
FLORIDA

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

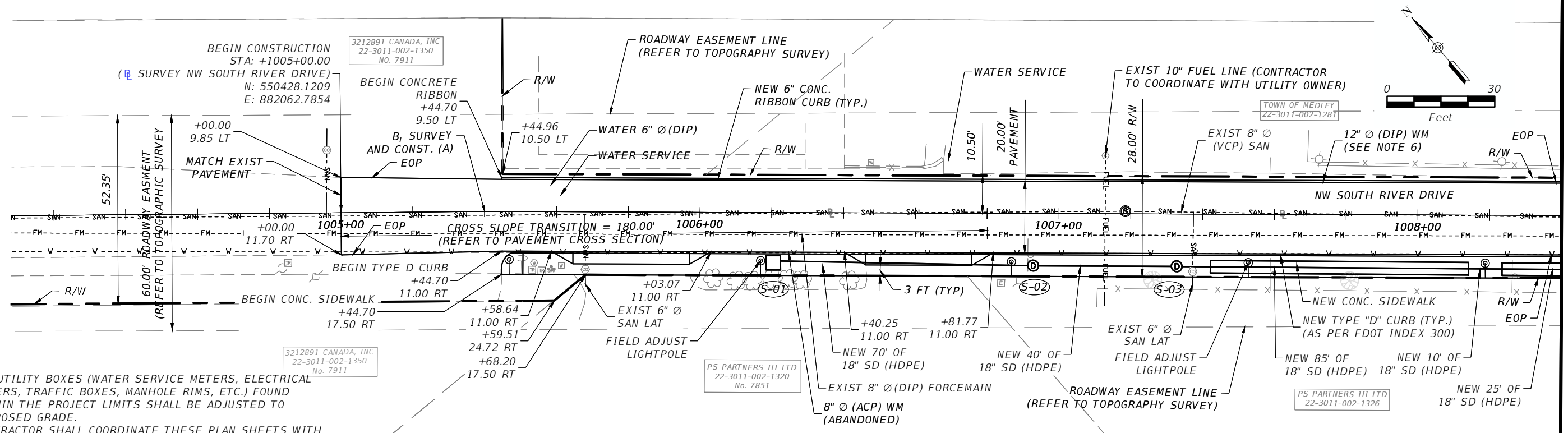
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

SUMMARY OF DRAINAGE
STRUCTURES
(1 OF 2)

SHEET NO.
C-3.1

Eduardo Garces
6/13/2015 7:31:01 PM
L:\Project\11\Project\11034.SD01-03 - NW S River DR\civil\NC-3.0 SECTIONS.dwg

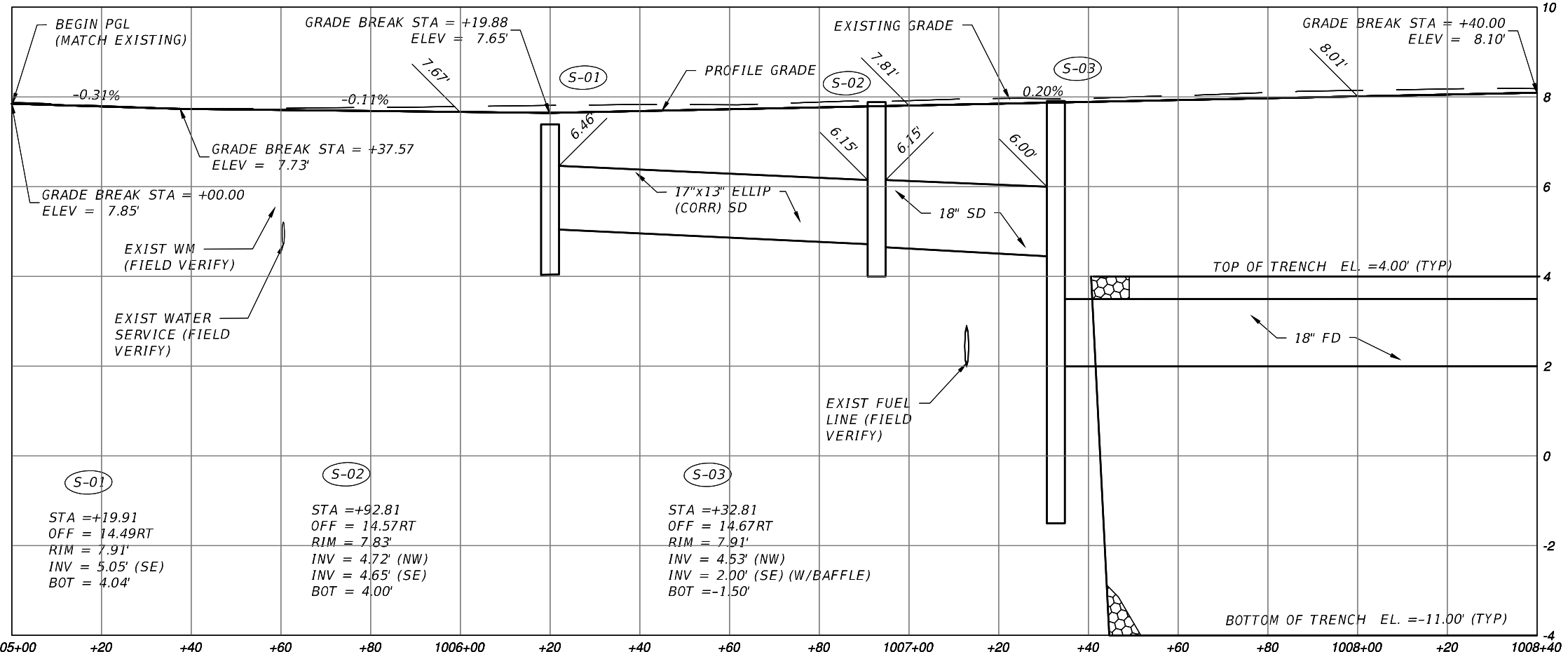
QUANTITY	STR. NO.	STATION	OFFSET (FT)	SIDE	DESCRIPTION	CORES	STORM DRAIN PIPE (FT)					TYPE 8 CURB INLET (INLET THROAT MODIFICATION)			TYPE 8 CURB INLET (MANHOLE MODIFICATION)	TYPE 5 CURB INLET		DITCH BOTTOM INLETS		FDOT TRENCH DRAINS		REMARKS	
							SOLID PIPE				PERF. PIPE	REGULAR	REGULAR	SHALLOW		<10'	<10'	>10'	<10'	>10'	TYPE F		TYPE II (14"W X 20"H)
							6"	15"	17"x13"	18"													
P	S-35	1025+87.90	31.17	RT	Inlet, Solid Pipe	1				30												JBOTTOM (48" X 48")	
F																							
P	S-36	1026+15.37	29.08	RT	Inlet, Solid Pipe	2				25													JBOTTOM (48" X 48")
F																							
P	S-37	1030+43.86	14.4	RT	Manhole, Solid Pipe	2				60					1								WTH POLLUTION RETARDANT BAFFLE (NW)
F																							
P	S-37A	1029+71.88	14.06	RT	Inlet, Solid Pipe	2				70	1												WTH POLLUTION RETARDANT BAFFLES (SE) (NW)
F																							
P	S-38	1030+86.67	24.84	RT	Inlet, Solid Pipe	2				45	1												
F																							
P	S-39	1031+31.49	24.18	RT	Inlet, Solid Pipe	3				10					1								48" ROUND
F																							
P	S-40	1031+30.99	33.75	RT	Manhole, Solid Pipe & French Drain	2				130						1							WTH POLLUTION RETARDANT BAFFLES (SE)
F																							
P	S-41	1031+62.66	8.77	LT	Inlet, Solid Pipe	1				45	1												
F																							
P	S-42	1032+65.70	33.78	RT	Manhole, Solid Pipe & French Drain	2										1							WTH POLLUTION RETARDANT BAFFLE (NW)
F																							
P	S-43	1032+65.89	10.65	LT	Inlet, Solid Pipe	1				45	1												
F																							
P	S-44	1030+97.95	41.08	RT	Manhole Top																		MODIFY EXISTING STRUCTURE
F																							
P	S-45	1031+40.37	38.4	RT	Manhole Top																		MODIFY EXISTING STRUCTURE
F																							
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- NOTES:
- ALL UTILITY BOXES (WATER SERVICE METERS, ELECTRICAL METERS, TRAFFIC BOXES, MANHOLE RIMS, ETC.) FOUND WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO PROPOSED GRADE.
 - CONTRACTOR SHALL COORDINATE THESE PLAN SHEETS WITH ROADWAY PAVEMENT & GROUND COVER PLANS, TYPICAL SECTIONS AND PAVEMENT CROSS SECTION SHEETS.
 - CONTRACTOR SHALL COORDINATE WITH EACH PARCEL/HOME OWNER AND/OR RESIDENT THROUGH THE TOWN OF MEDLEY ENGINEER TO FACILITATE PROPOSED CONSTRUCTION.
 - NO DEVIATION SHOULD BE MADE TO CONSTRUCTION WITHOUT PRIOR APPROVAL OF ENGINEER OF RECORD.
 - SPECIAL ATTENTION SHALL BE DIRECTED BY CONTRACTOR TO THE FACT THAT PORTIONS OF DRAINAGE STRUCTURES EXTEND INTO STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION IS NECESSARY IN STABILIZATION AT THESE LOCATIONS.
 - WATERMAIN, FIRE HYDRANTS AND WATER SERVICE LINES SHOWN HEREON AS EXISTING REFLECT PROPOSED WORK DUE TO BE PERFORMED PRIOR TO OR CONCURRENTLY WITH THIS PROJECT. CONCURRENT CONSTRUCTION THEREOF WILL REQUIRE EXTENSIVE CONTRACTOR COORDINATION.

ENGINEER'S NOTE:
 ALL OTHER NOTES SPECIFIED ON OTHER ROADWAY PLAN & PROFILE SHEETS ARE APPLICABLE TO THE WORK INDICATED ON THIS SHEET

CROSS SLOPE TRANSITION				
STA	OFFSET TO ROAD CENTERLINE	NEW CENTERLINE ELEV.	LT SLOPE	RT SLOPE
1005+00	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING
1005+20	0.59	8.02	2.37%	-2.61%
1005+40	0.89	7.94	2.15%	-2.60%
1005+60	0.88	7.87	1.62%	-2.59%
1005+80	0.90	7.80	1.10%	-2.57%
1006+00	0.92	7.73	0.57%	-2.56%
1006+20	0.94	7.65	0.05%	-2.54%
1006+40	0.96	7.58	-1.09%	-2.52%
1006+60	0.98	7.51	-2.22%	-2.50%
1006+80	1.00	7.52	-2.50%	-2.50%



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC Consulting, Inc.
CA.# 7011

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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

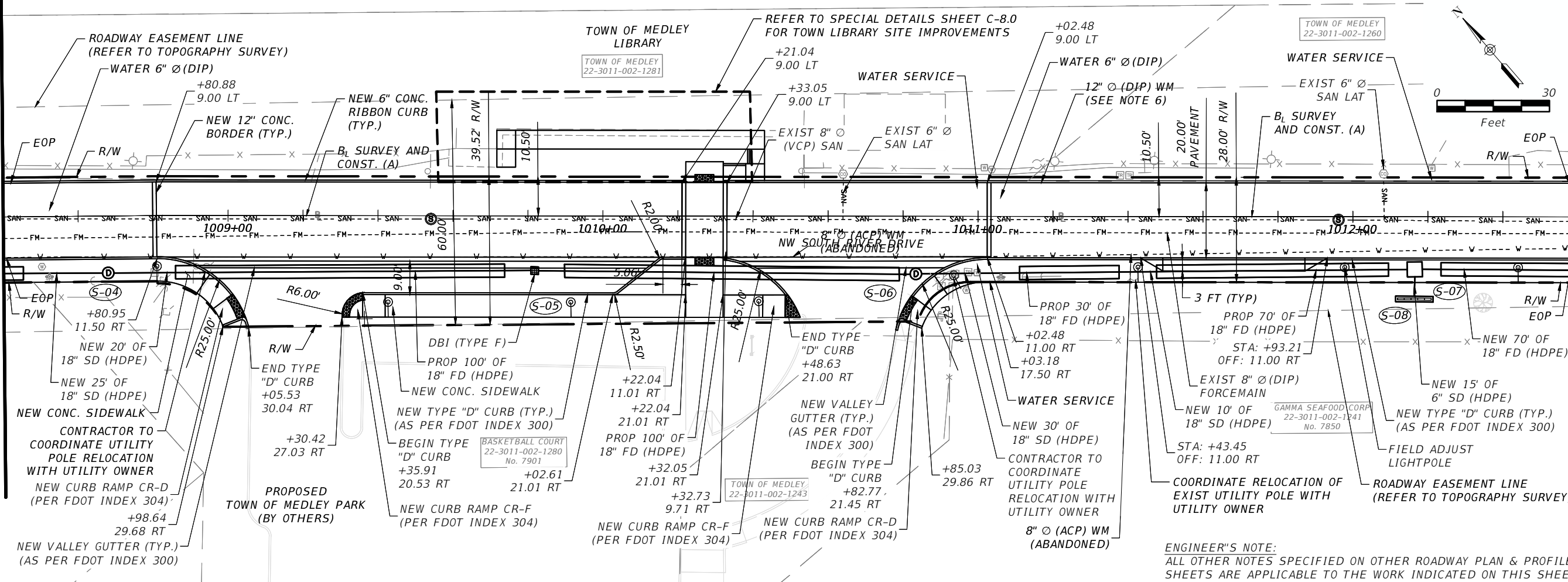
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PLAN & PROFILE
(1 OF 7)

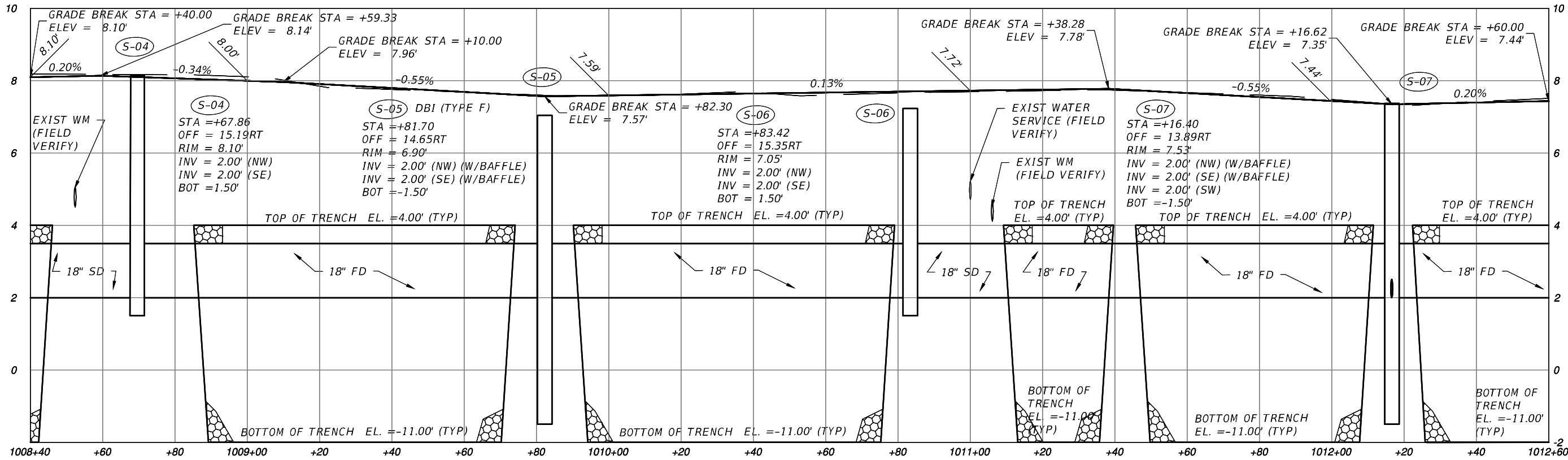
SHEET NO.
C-4.1

MATCH LINE STA. 1008+40.00
(SEE SHEET C-4.1)

MATCH LINE STA. 1012+60.00
(SEE SHEET C-4.3)



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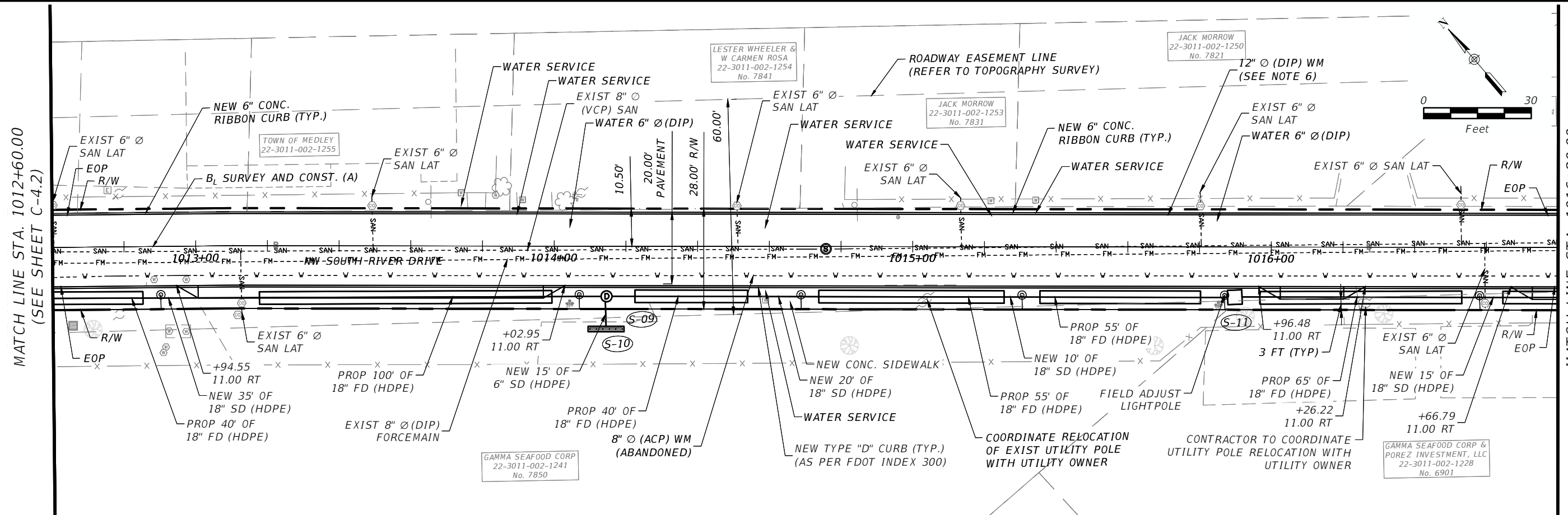
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MIAMI, FL 33126
WWW.EACCONSULT.COM

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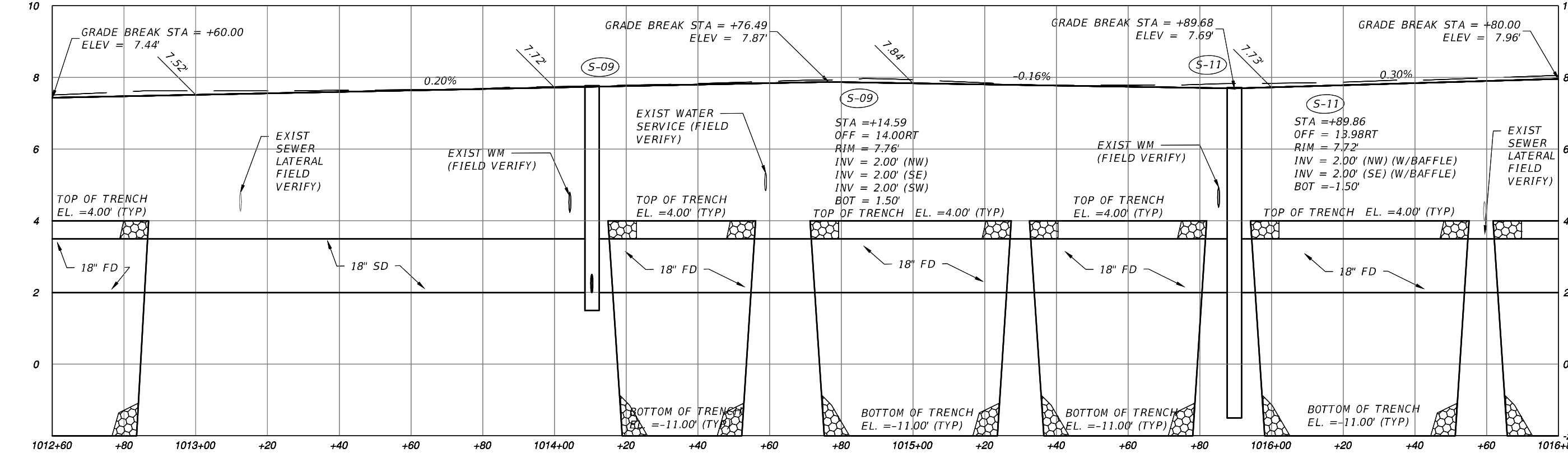
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PLAN & PROFILE
(2 OF 7)

SHEET NO. C-4.2



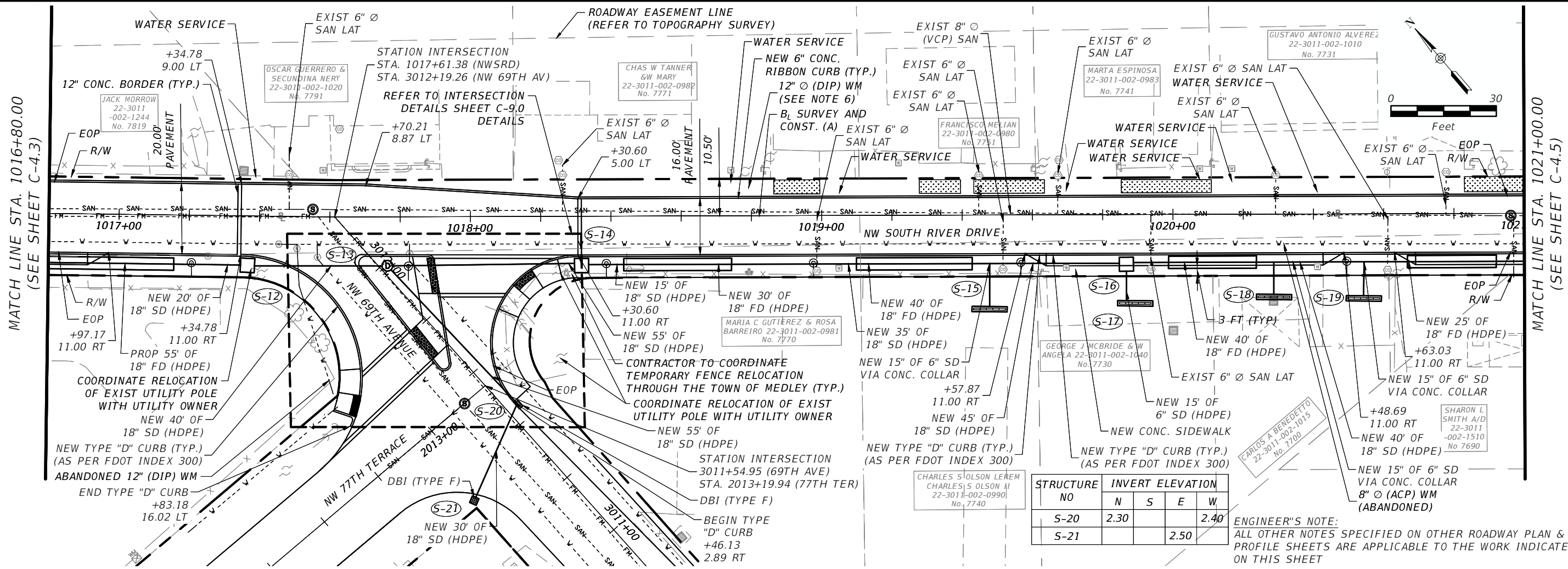
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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

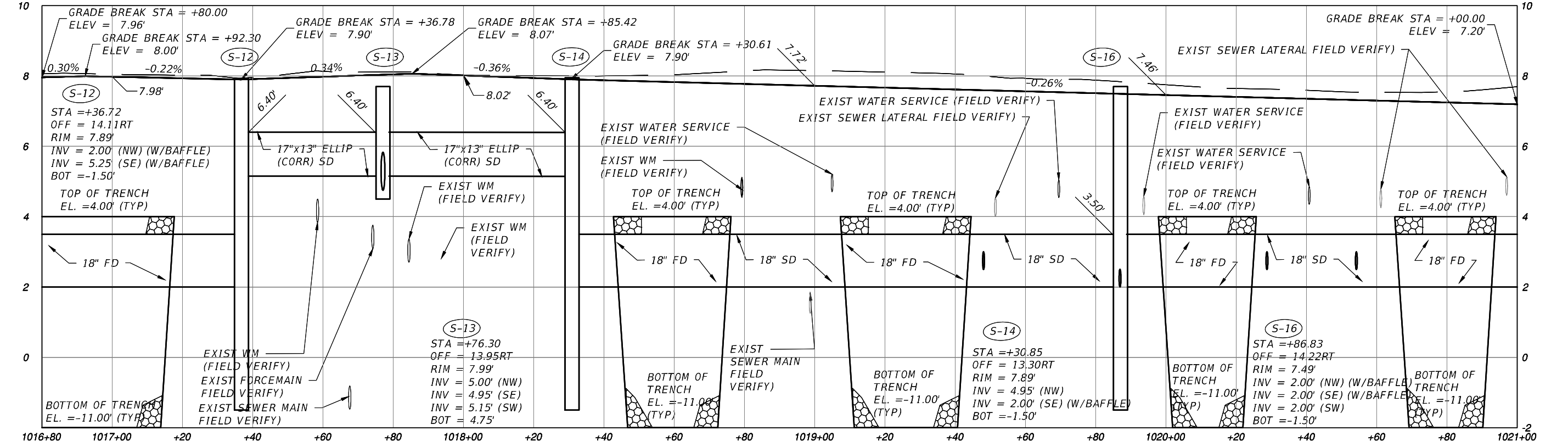
 EAC Consulting, Inc. CA.# 7011	MICHAEL ADEIFE, P.E. P.E. LICENSE NO. 56094 EAC CONSULTING, INC. 815 NW 57TH AVE, SUITE 402 MIAMI, FL 33126 WWW.EACCONSULT.COM	 TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	PROJECT STREET	COUNTY
			NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PLAN & PROFILE (3 OF 7)		SHEET NO. C-4.3
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STRUCTURE NO	INVERT ELEVATION			
	N	S	E	W
S-20	2.30			2.40
S-21			2.50	

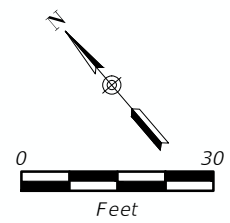
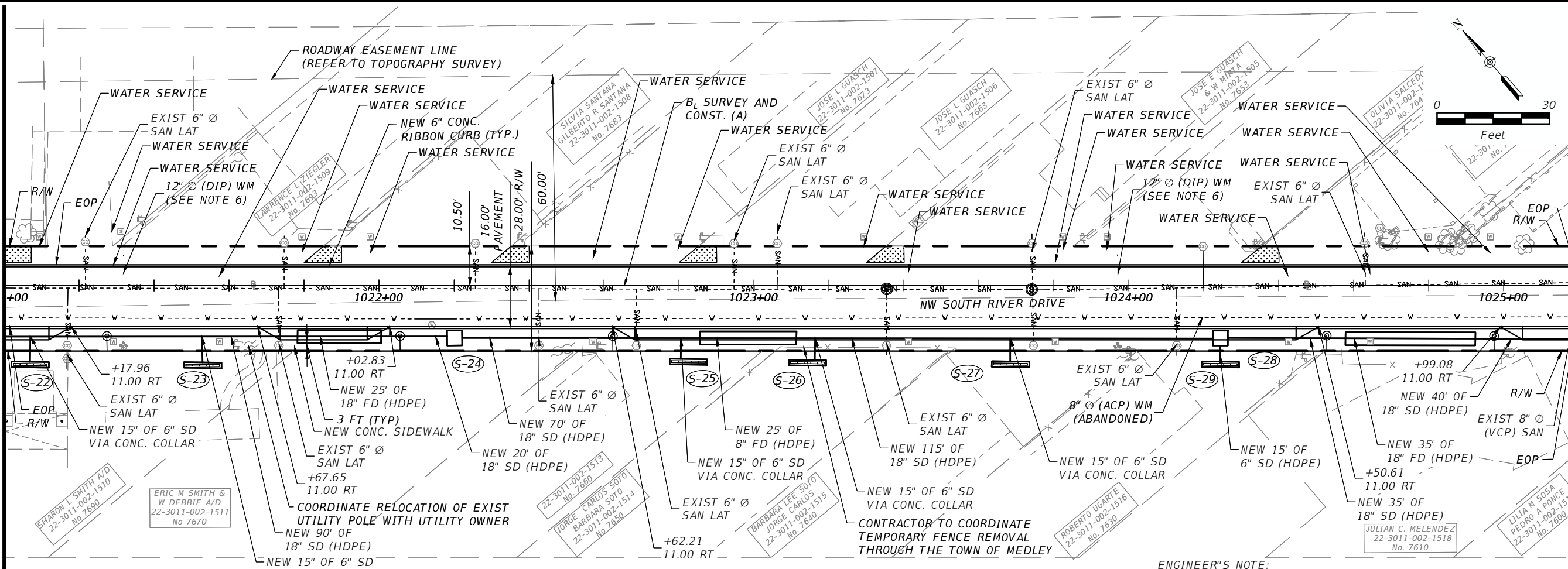
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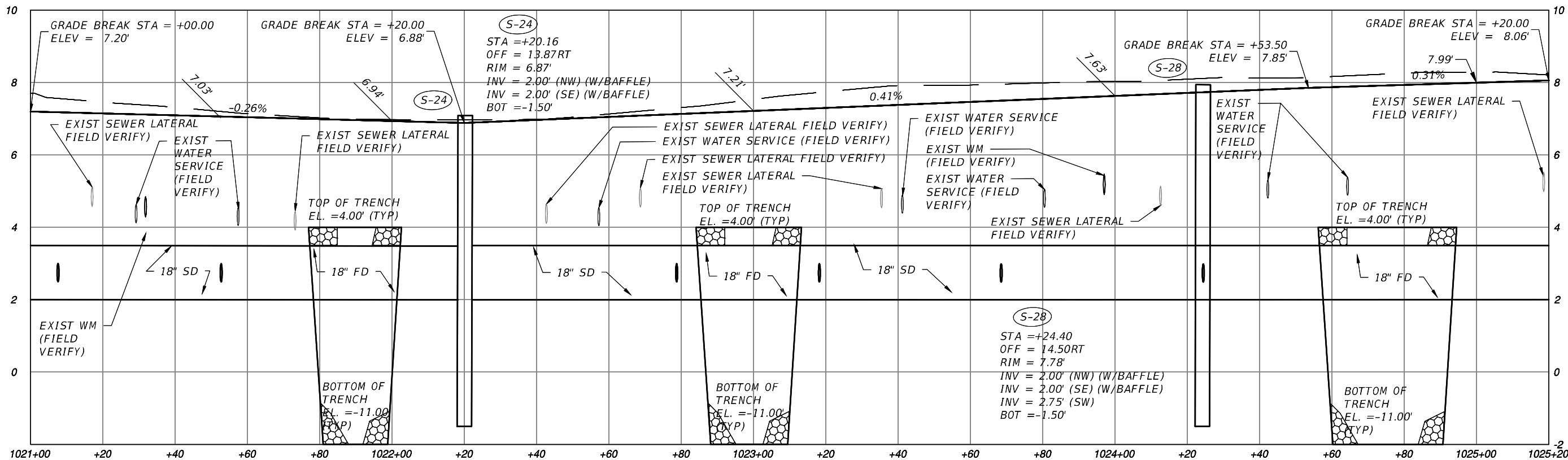
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	DESCRIPTION	DATE	DESCRIPTION					<p>REVISIONS</p>	<p>EAC Consulting, Inc. CA.# 7011</p>	<p>MICHAEL ADEIFE, P.E. P.E. LICENSE NO. 56094 EAC CONSULTING, INC. 815 NW 57TH AVE, SUITE 402 MIAMI, FL 33126 WWW.EACCONSULT.COM</p>	<p>TOWN OF MEDLEY DEPARTMENT OF ENGINEERING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>PROJECT STREET</td> <td>COUNTY</td> </tr> <tr> <td>NW S RIVER DRIVE</td> <td>MIAMI-DADE</td> </tr> </table>	PROJECT STREET	COUNTY	NW S RIVER DRIVE	MIAMI-DADE	<p>ROADWAY PLAN & PROFILE (4 OF 7)</p>	<p>SHEET NO. C-4.4</p>
DATE	DESCRIPTION	DATE	DESCRIPTION															
PROJECT STREET	COUNTY																	
NW S RIVER DRIVE	MIAMI-DADE																	

MATCH LINE STA. 1021+00.00
(SEE SHEET C-4.4)

MATCH LINE STA. 1025+20.00
(SEE SHEET C-4.6)



ENGINEER'S NOTE:
ALL OTHER NOTES SPECIFIED ON OTHER ROADWAY PLAN & PROFILE SHEETS ARE APPLICABLE TO THE WORK INDICATED ON THIS SHEET



REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

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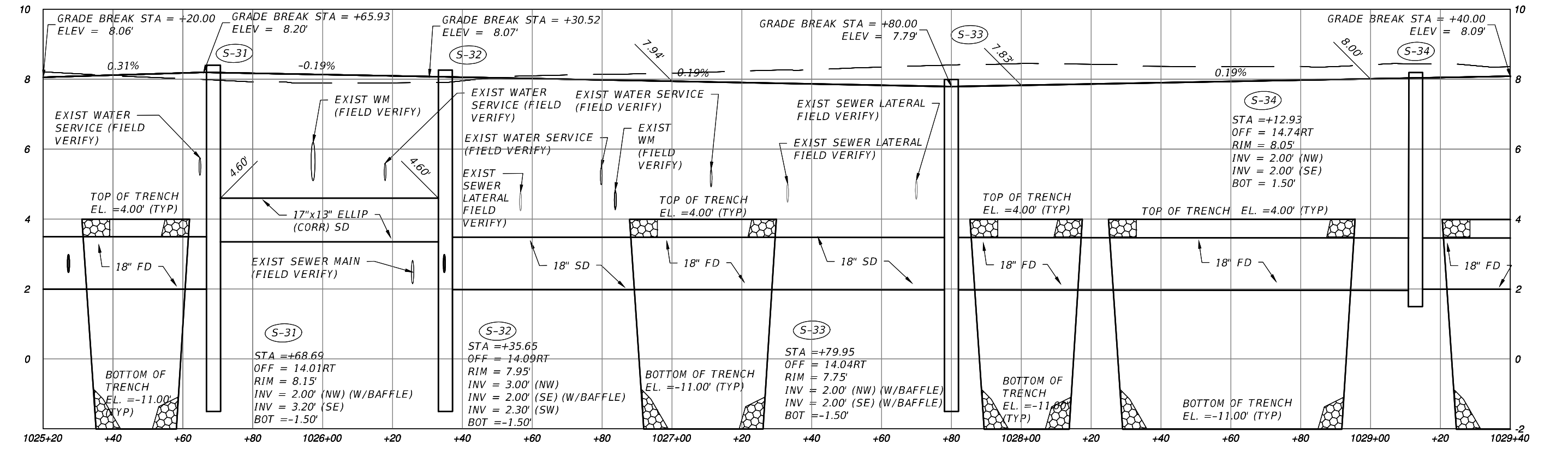
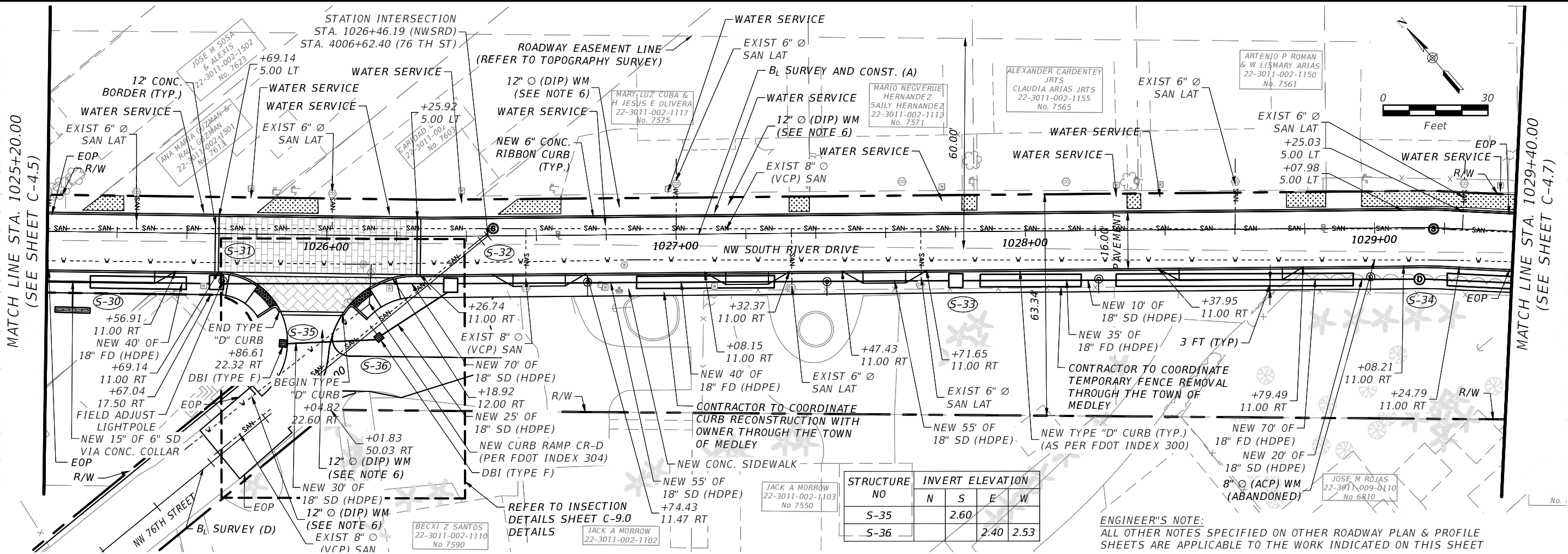
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EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: **NW S RIVER DRIVE**
COUNTY: **MIAMI-DADE**

ROADWAY PLAN & PROFILE
(5 OF 7)

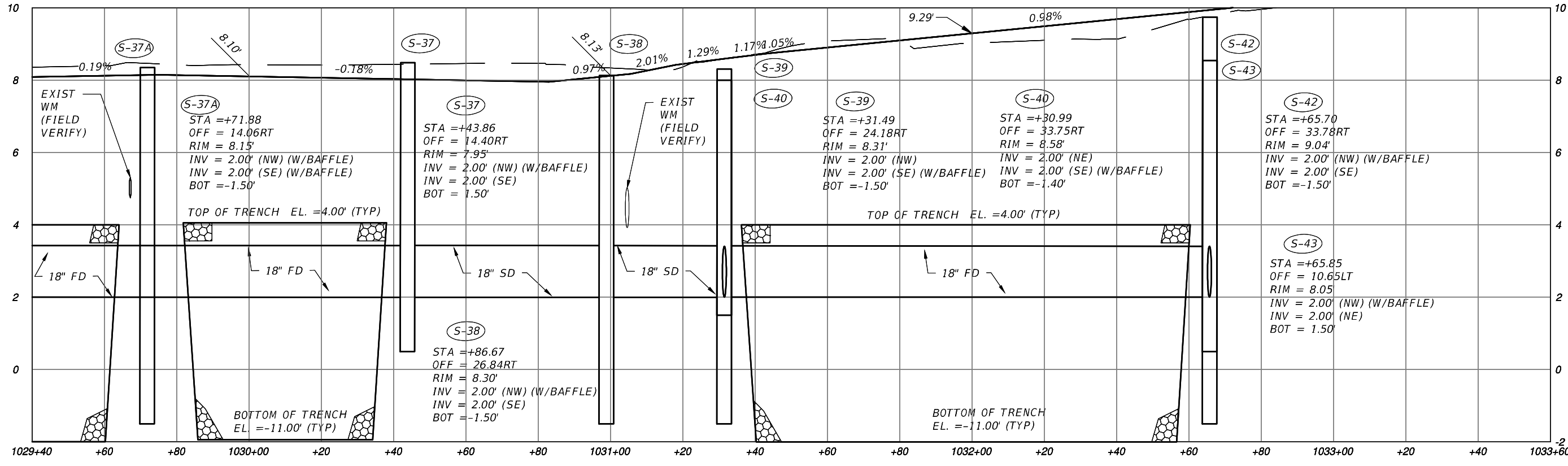
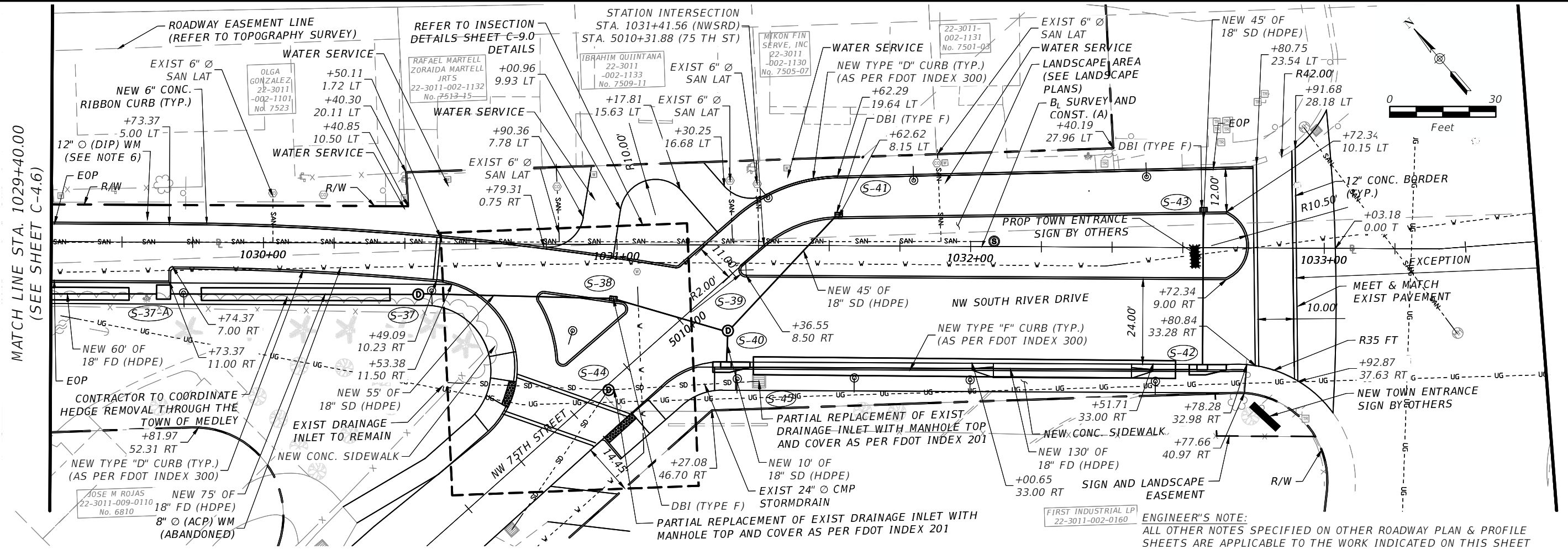
SHEET NO.
C-4.5



STRUCTURE NO	INVERT ELEVATION			
	N	S	E	W
S-35		2.60		
S-36			2.40	2.53

ENGINEER'S NOTE:
 ALL OTHER NOTES SPECIFIED ON OTHER ROADWAY PLAN & PROFILE SHEETS ARE APPLICABLE TO THE WORK INDICATED ON THIS SHEET

REVISIONS		REVISIONS		 EAC EAC Consulting, Inc. CA.# 7011	 TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	ROADWAY PLAN & PROFILE (6 OF 7)		SHEET NO. C-4.6
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT STREET	COUNTY	
						NW S RIVER DRIVE MIAMI-DADE		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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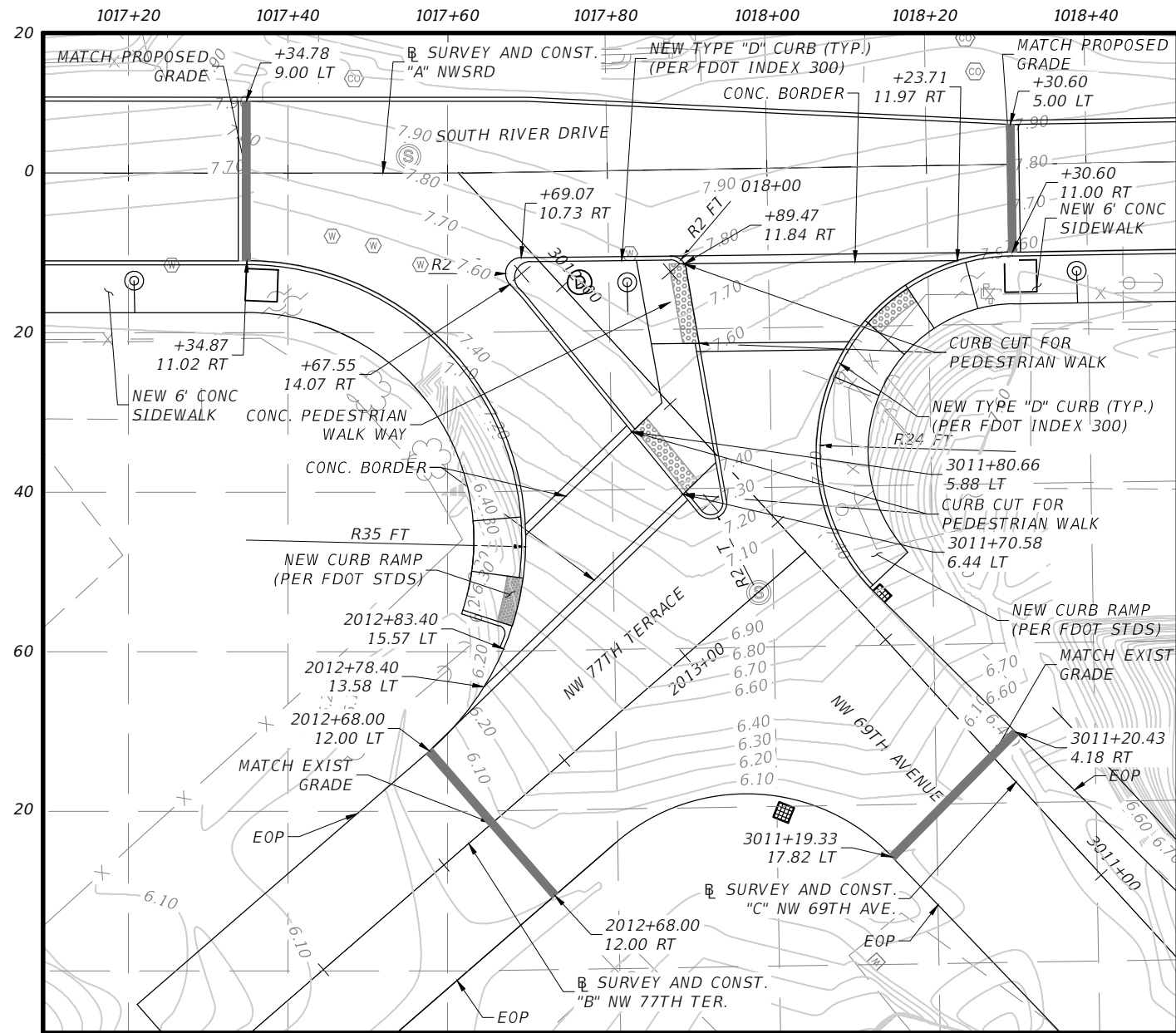
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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

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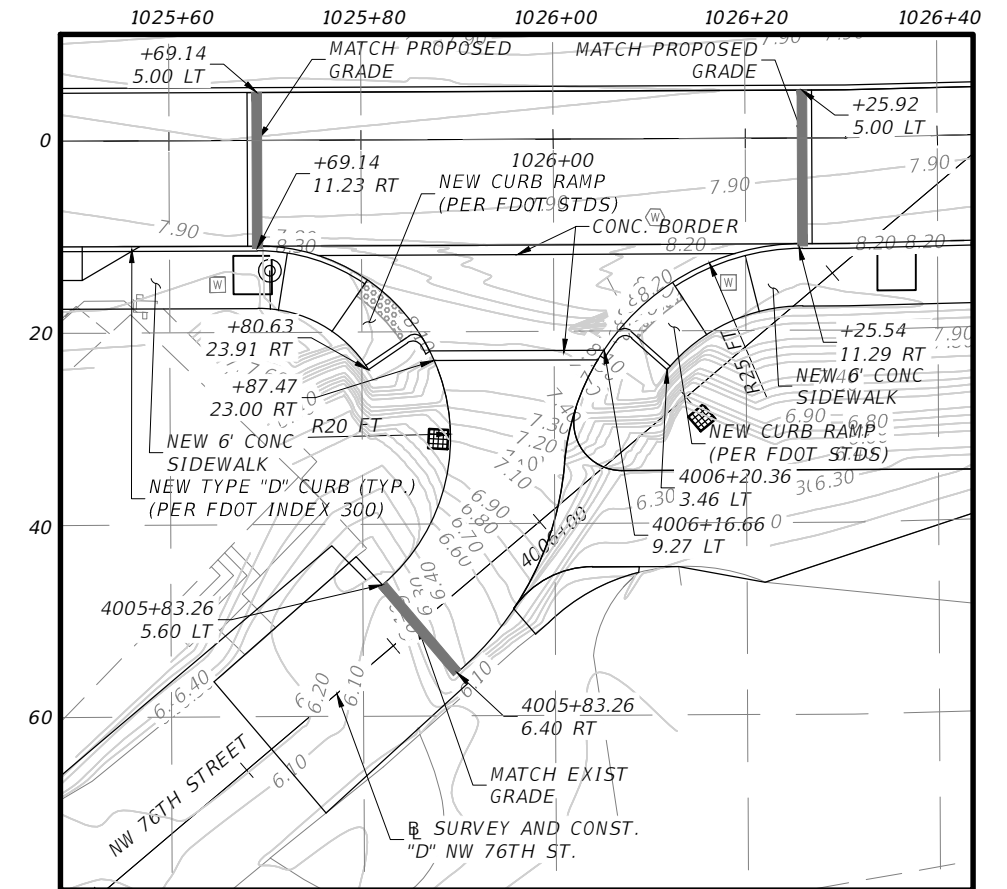
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PLAN & PROFILE
(7 OF 7)

SHEET NO.
C-4.7



NW SOUTH RIVER DRIVE AND NW 69TH AVENUE
 NW 69 AVENUE AND NW 77 TH TERRACE
 1"=20' SCALE



NW SOUTH RIVER DRIVE AND NW 76TH ST
 1"=20' SCALE

NOTES

1. ALL PARTIAL STATIONS REFER TO THE SURVEY AND CONST. "A" NWSRD.
2. CONTOUR LINES SHOWN HEREIN REPRESENT PROPOSED FINISHED GRADES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



MICHAEL ADEIFE, P.E.
 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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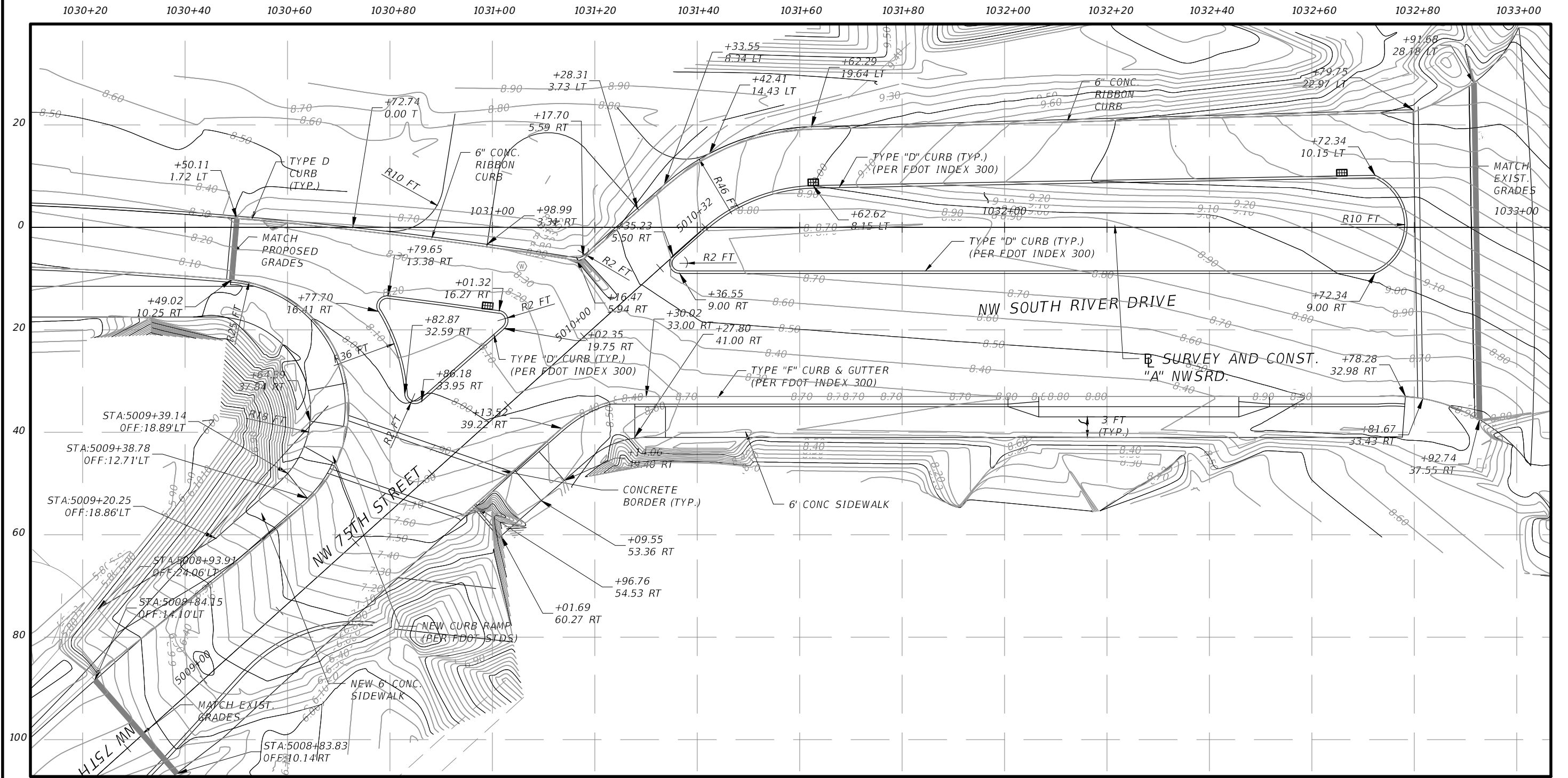


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

INTERSECTION DETAILS
 (1 OF 2)

SHEET NO.

C-5.1



NW SOUTH RIVER DRIVE AND NW 75TH STREET
1"=20' SCALE

NOTES

1. ALL PARTIAL STATIONS REFER TO THE B SURVEY AND CONST. "A" NWSRD.
2. CONTOUR LINES SHOWN HEREIN REPRESENT PROPOSED FINISHED GRADES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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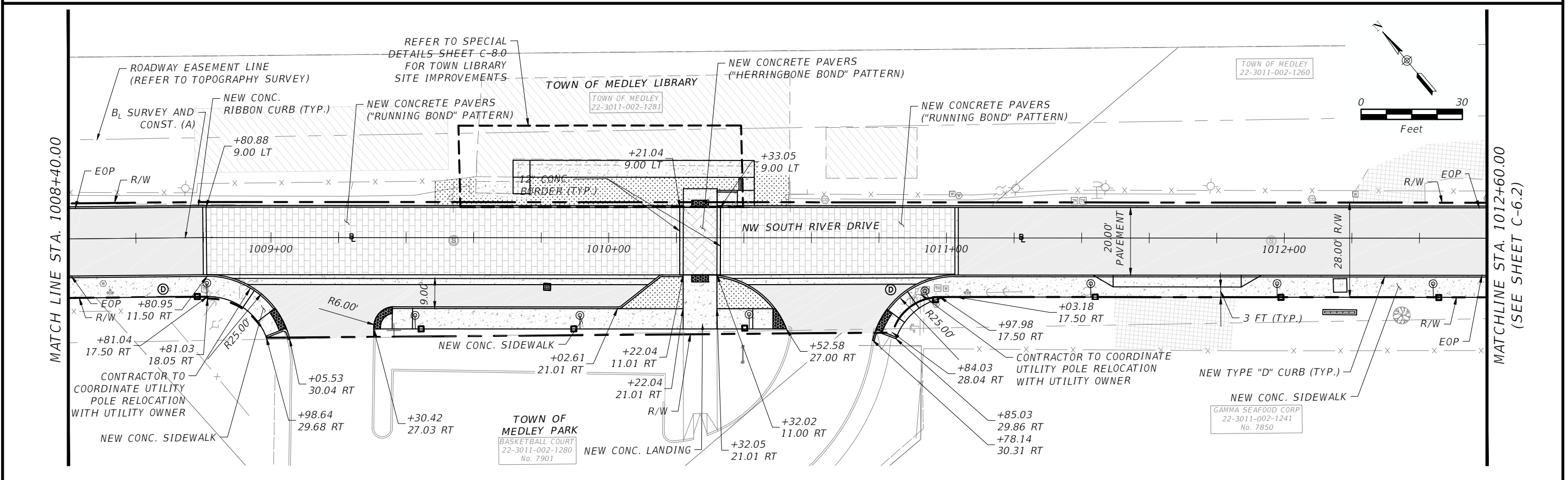
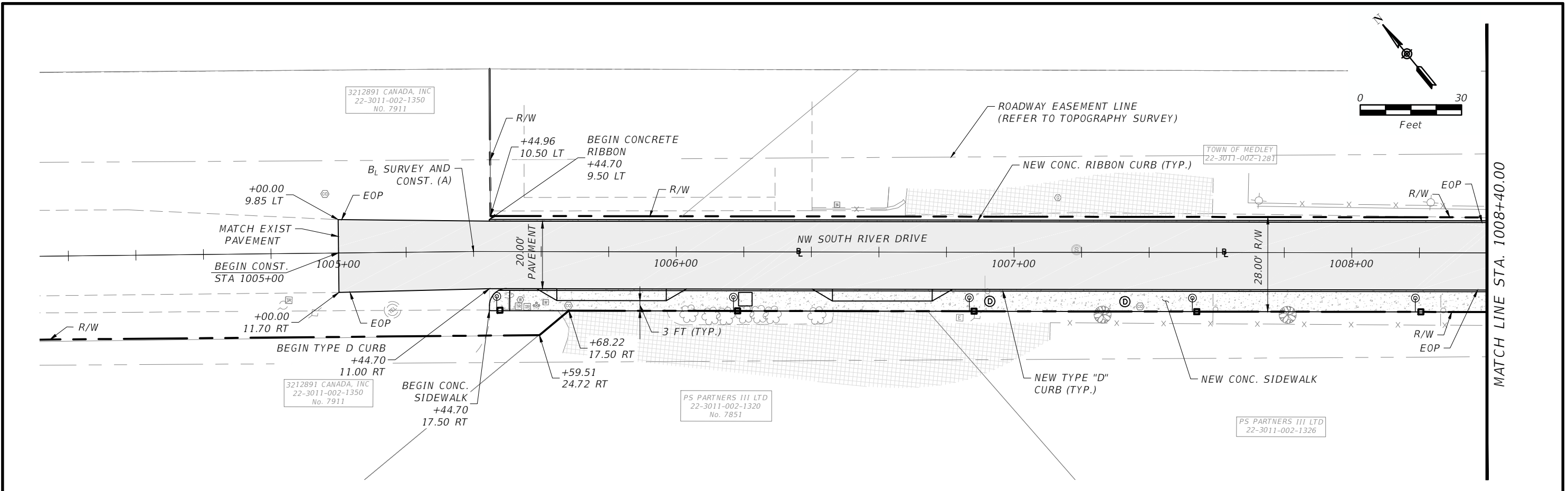
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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	
PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE

INTERSECTION DETAILS
(2 OF 2)

SHEET NO.
C-5.2



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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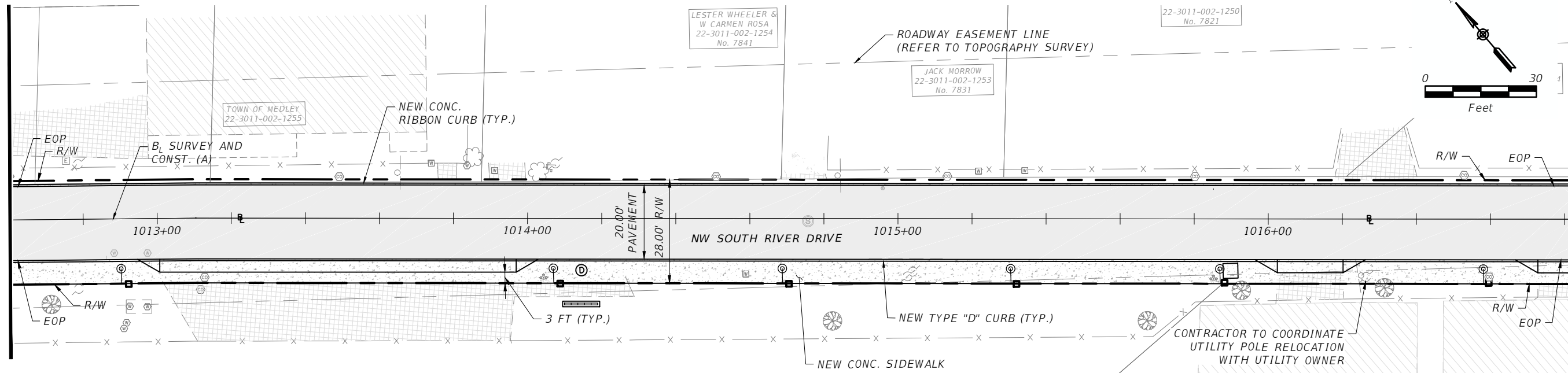
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DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

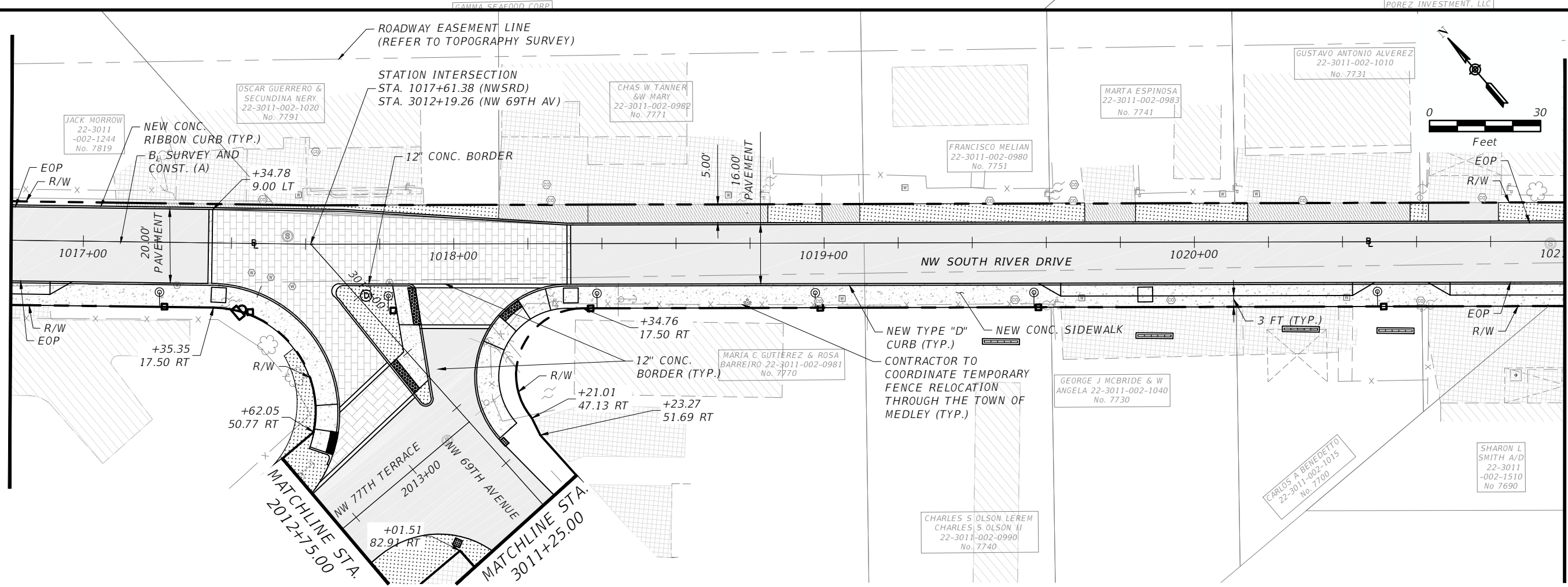
PAVEMENT AND GROUND COVER PLAN
(1 OF 5)

SHEET NO.
C-6.1

MATCHLINE STA. 1012+60.00
(SEE SHEET C-6.1)



MATCHLINE STA. 1016+80.00



MATCHLINE STA. 1021+00.00
(SEE SHEET C-6.3)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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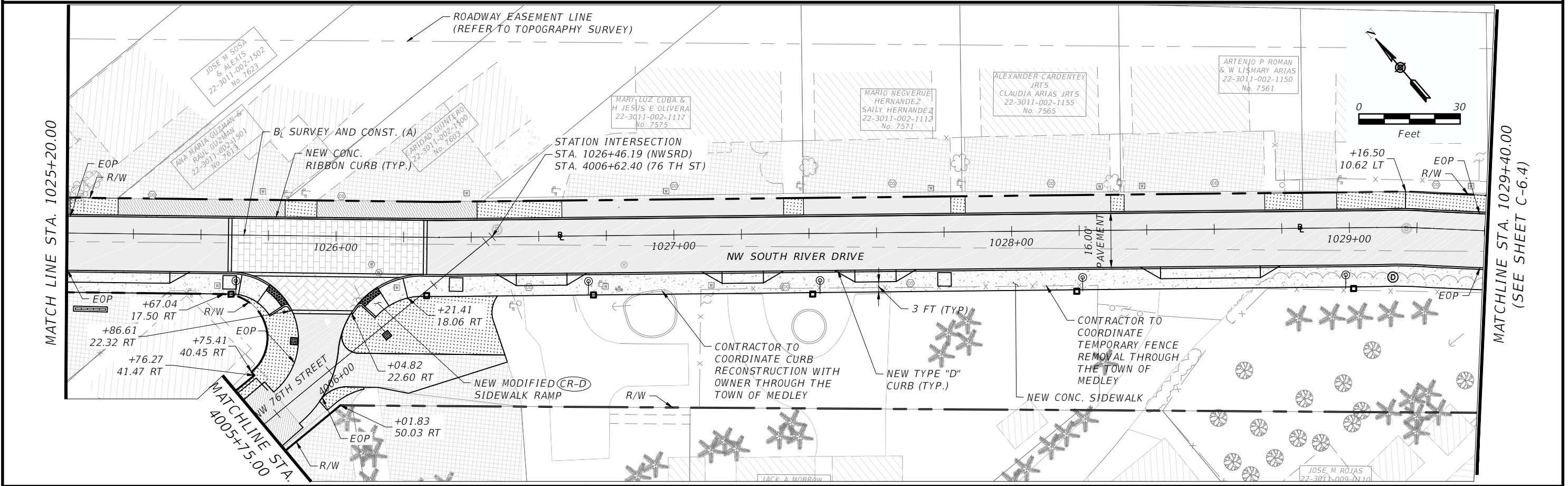
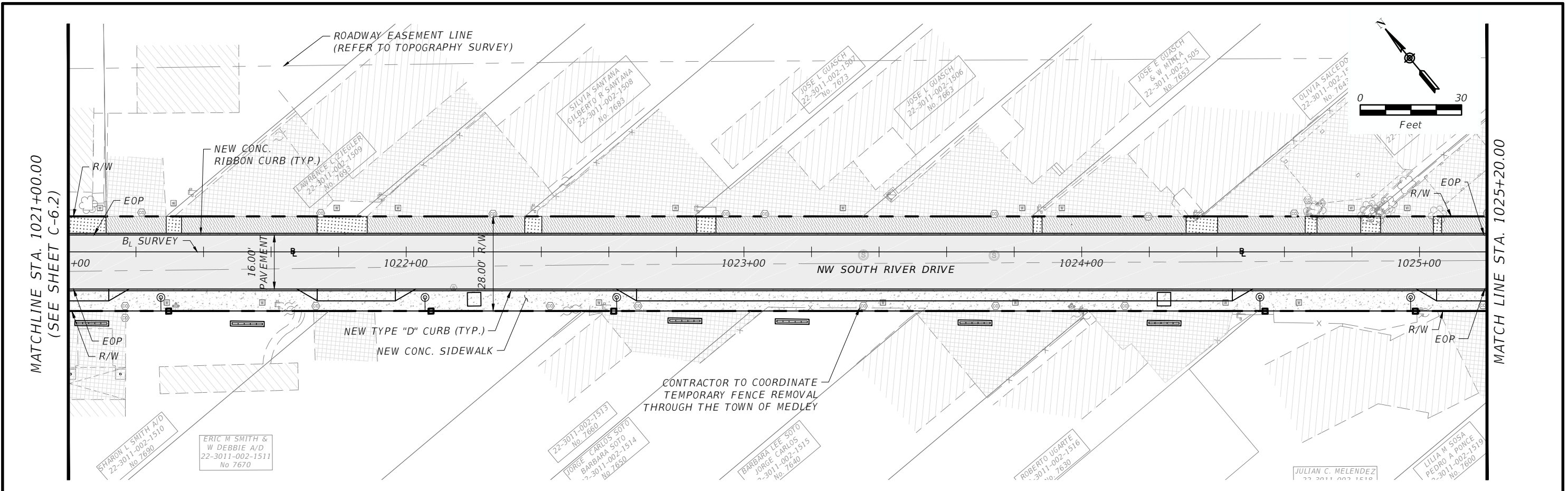
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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM



TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	
PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE

PAVEMENT AND GROUND COVER PLAN
(2 OF 5)

SHEET NO.
C-6.2



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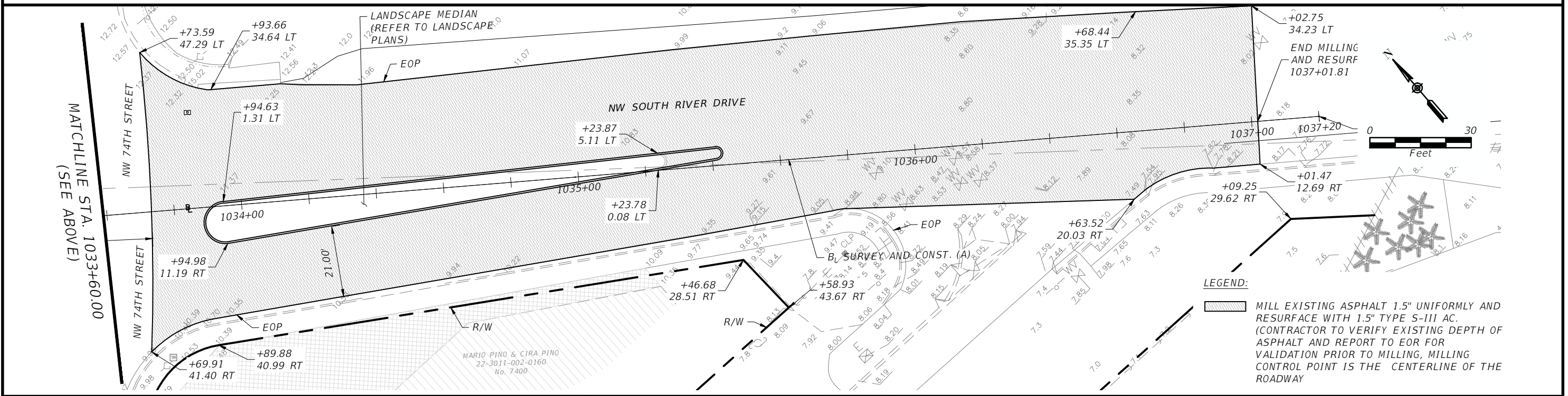
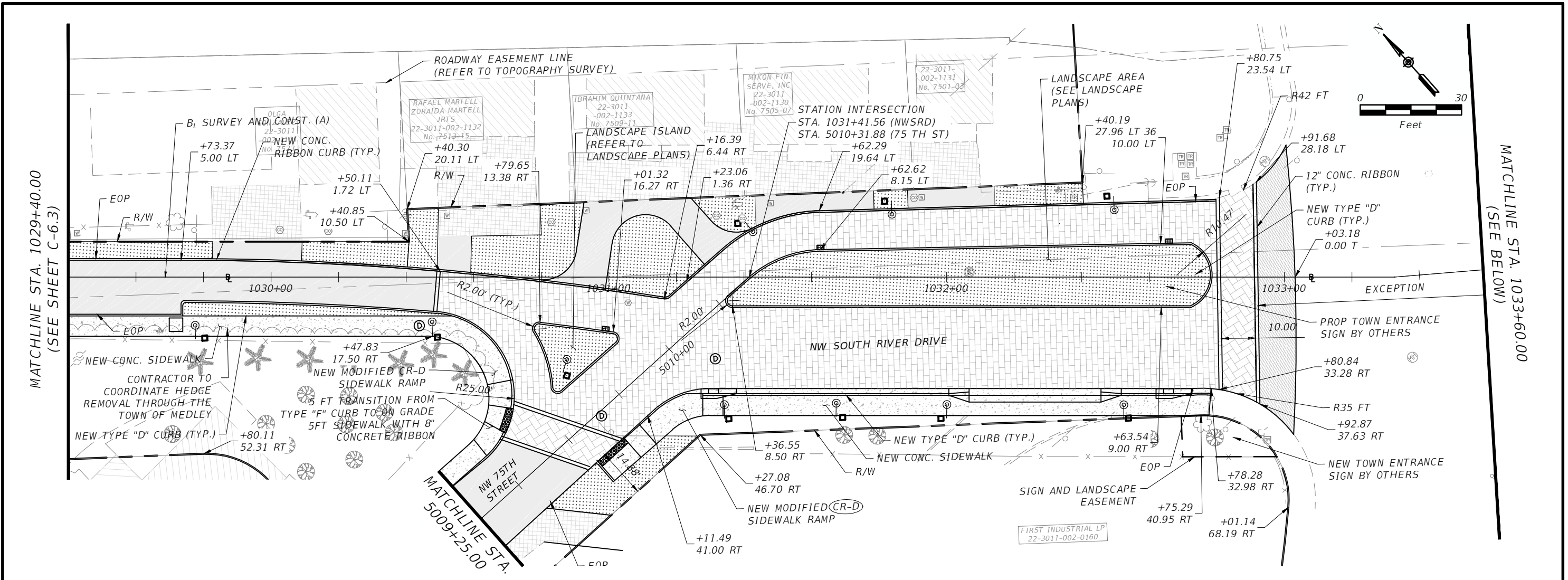


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PAVEMENT AND GROUND COVER PLAN
(3 OF 5)

SHEET NO.
C-6.3



REVISIONS			
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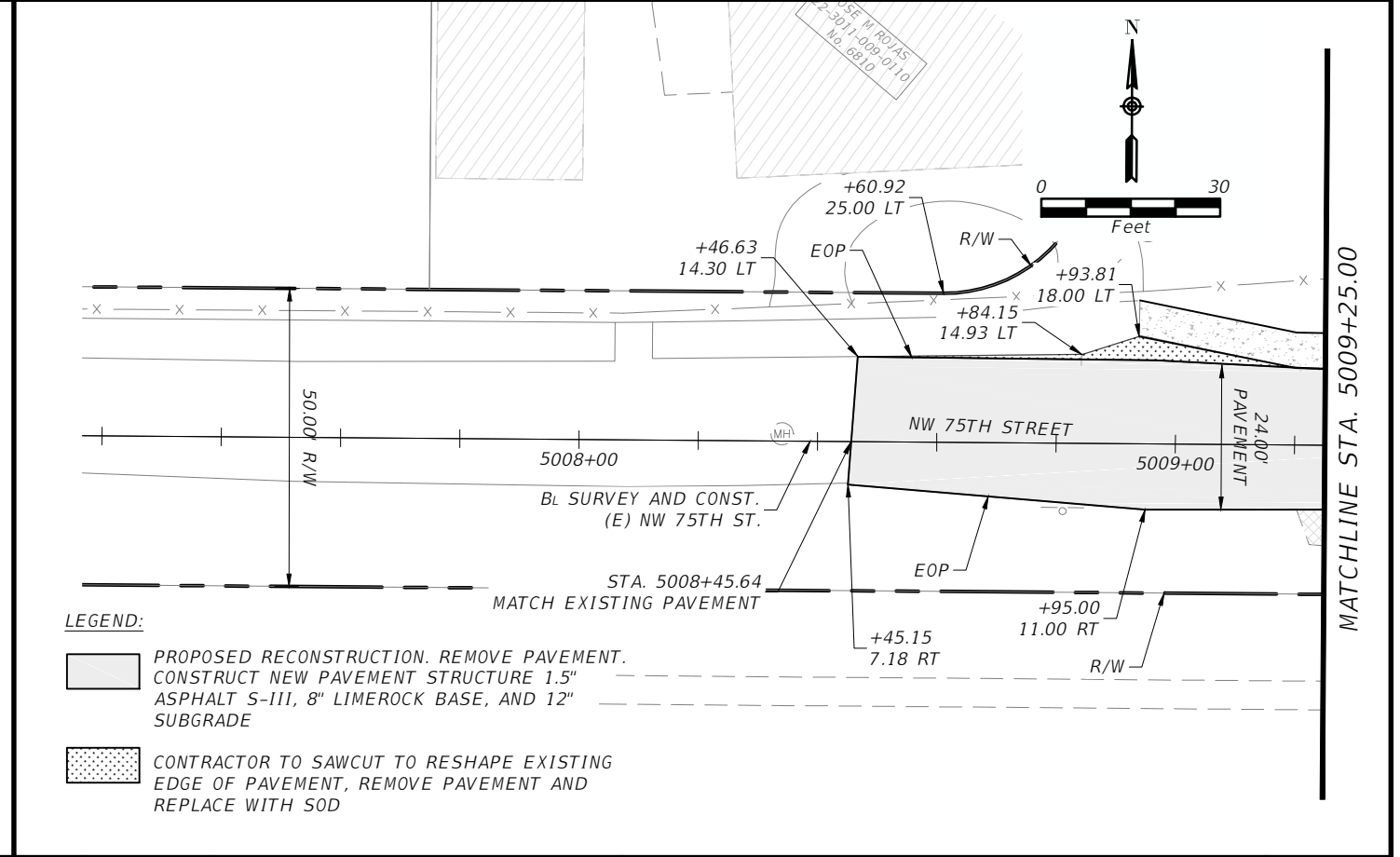
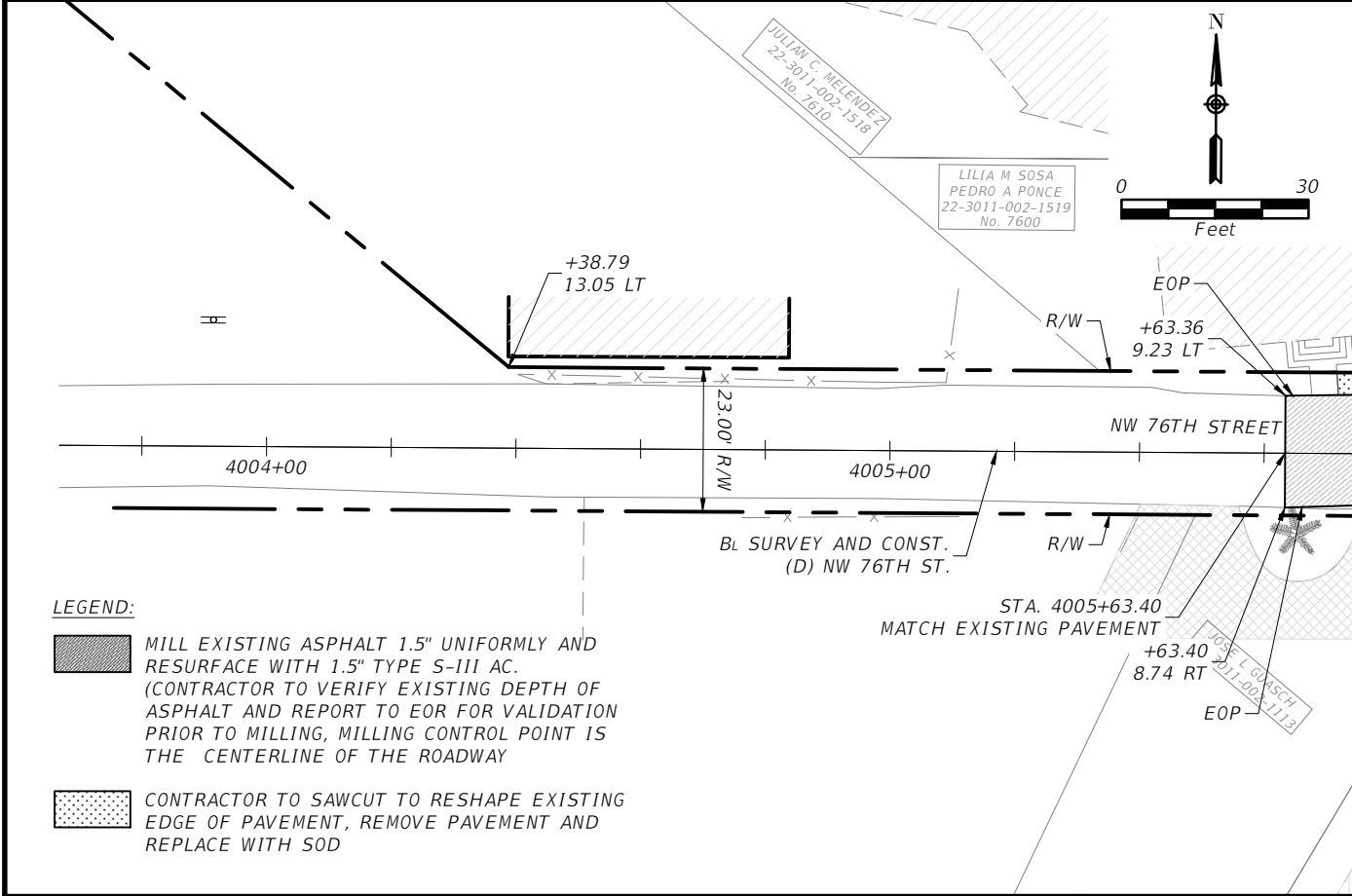
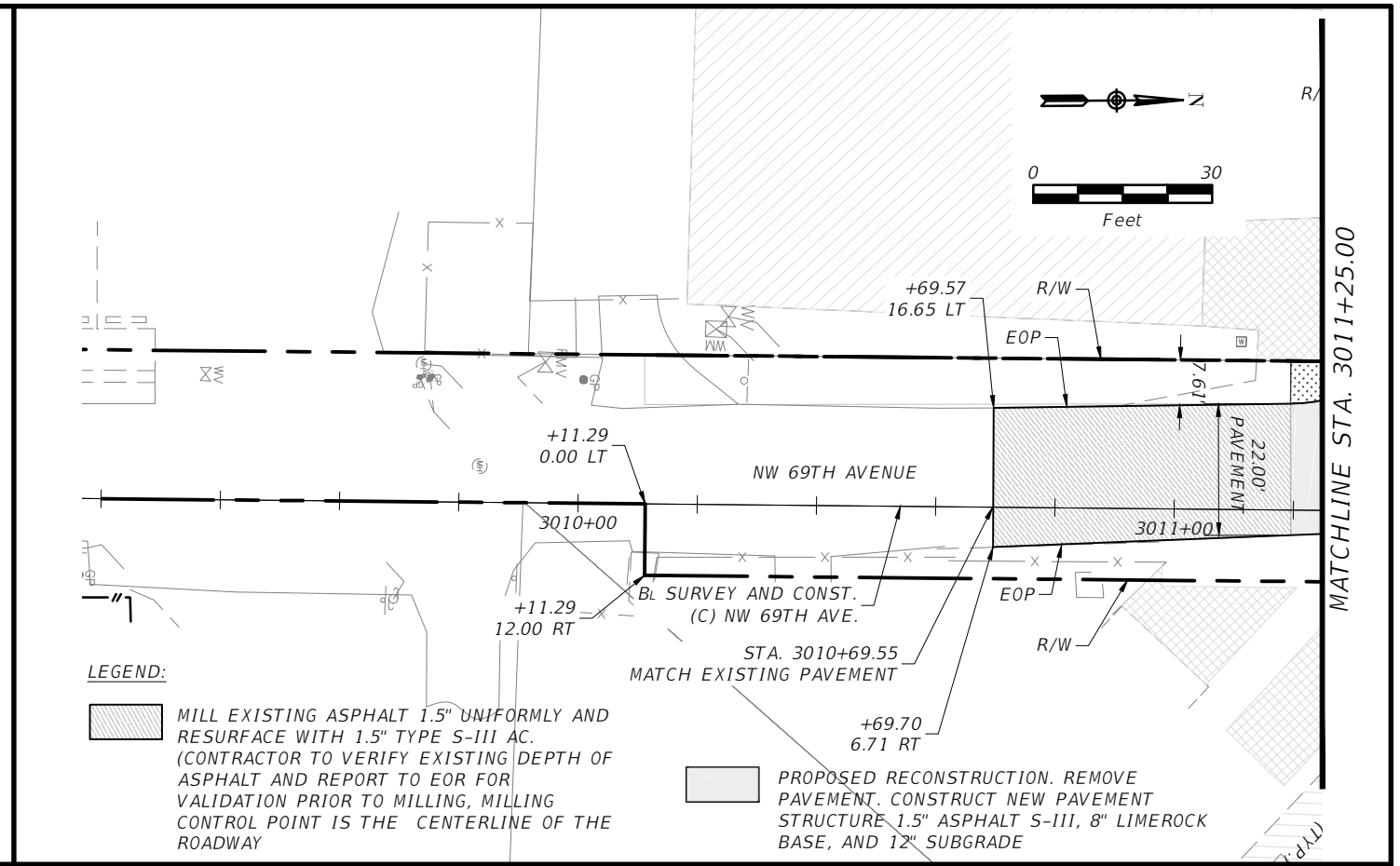
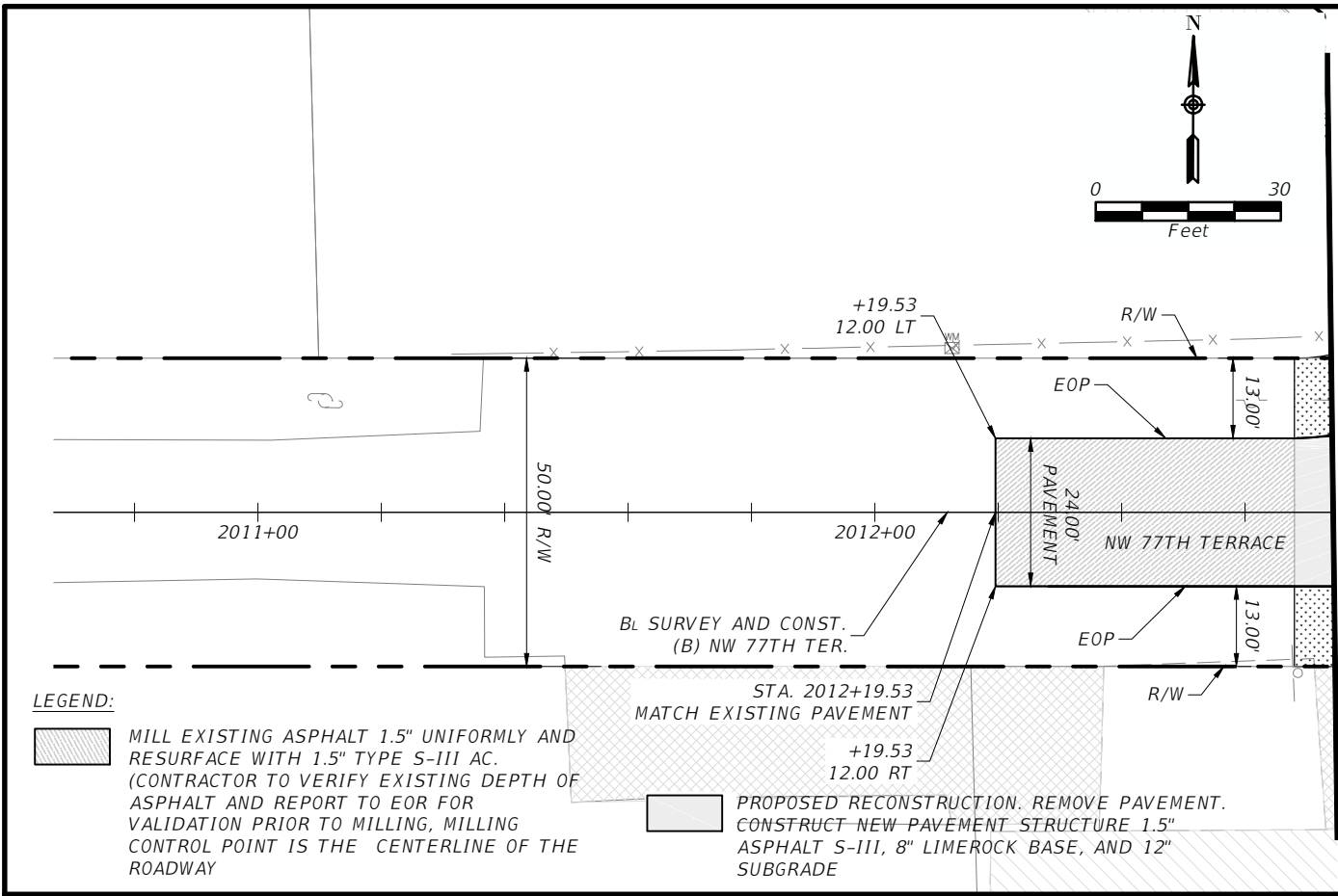
MICHAEL ADEIFE, P.E.
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PAVEMENT AND GROUND COVER PLAN
(4 OF 5)

SHEET NO.
C-6.4



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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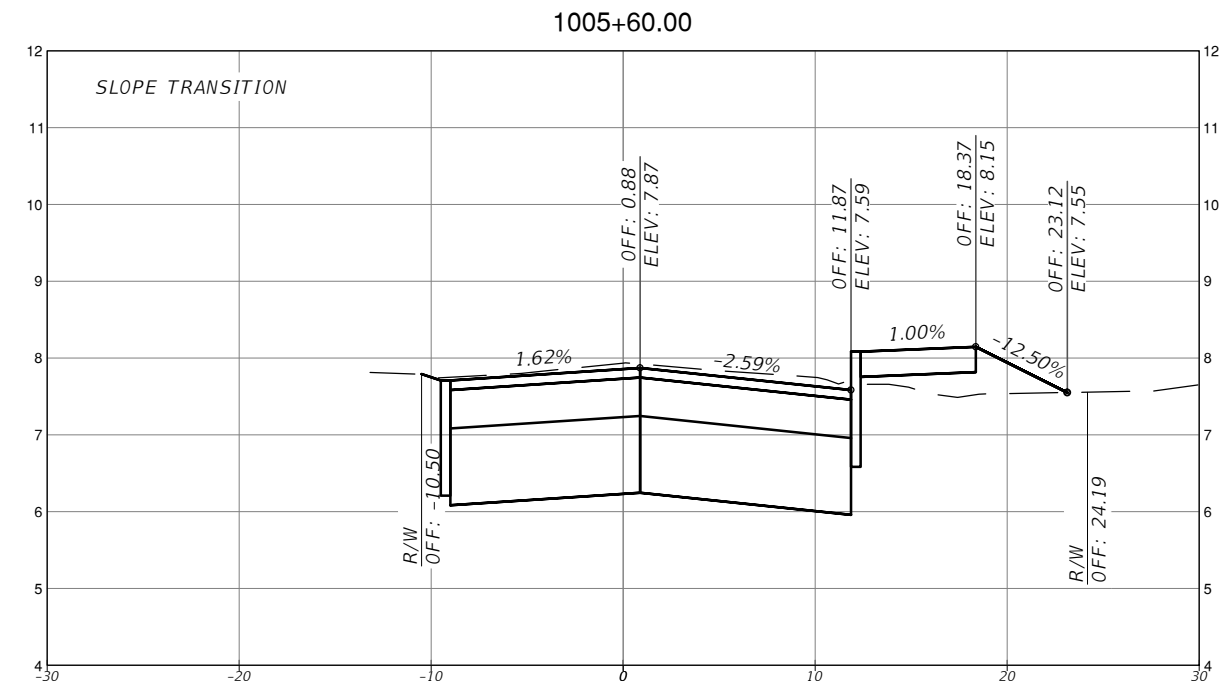
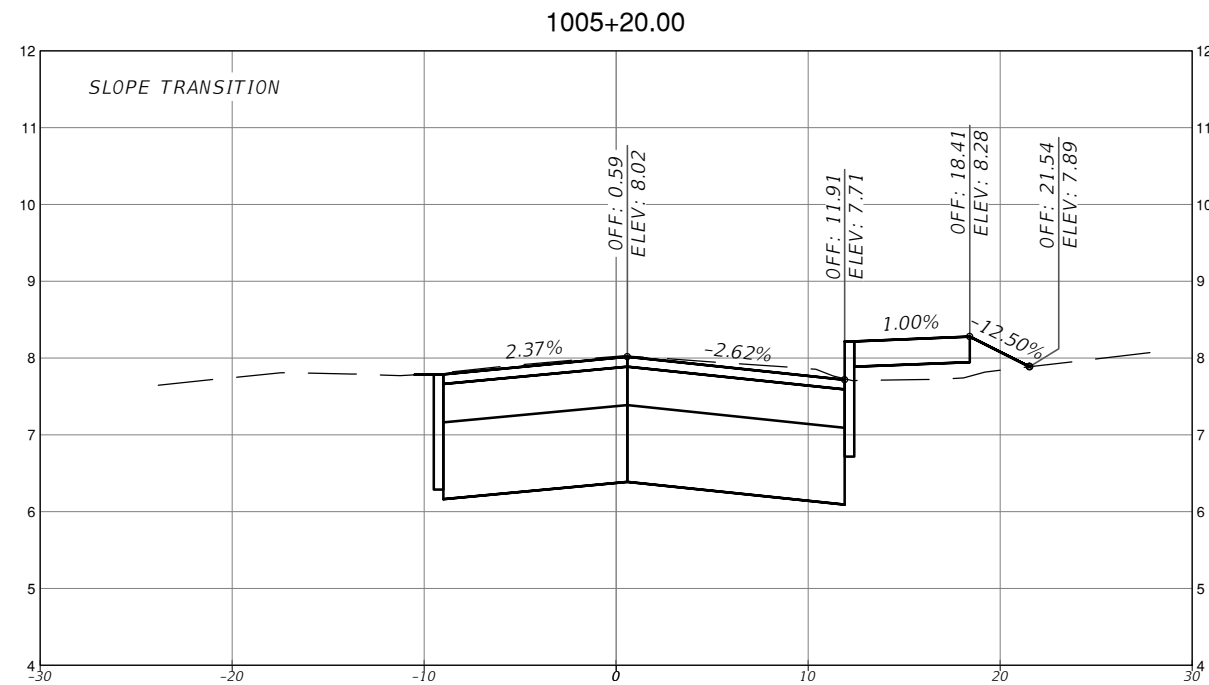
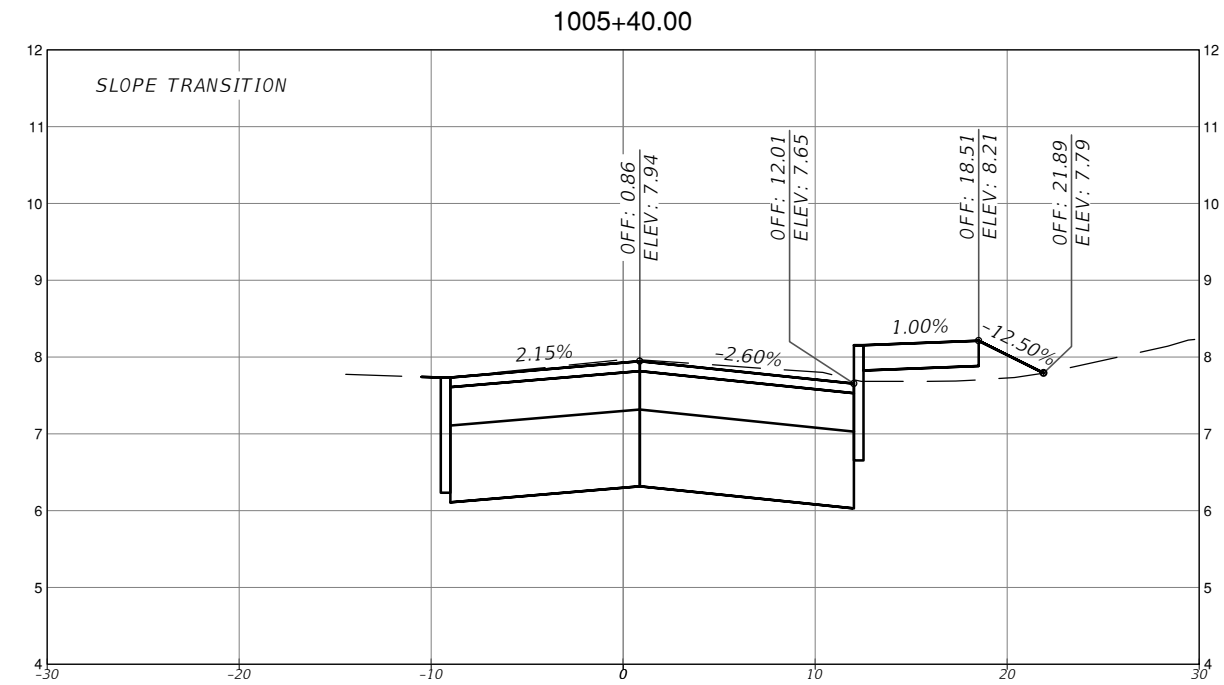
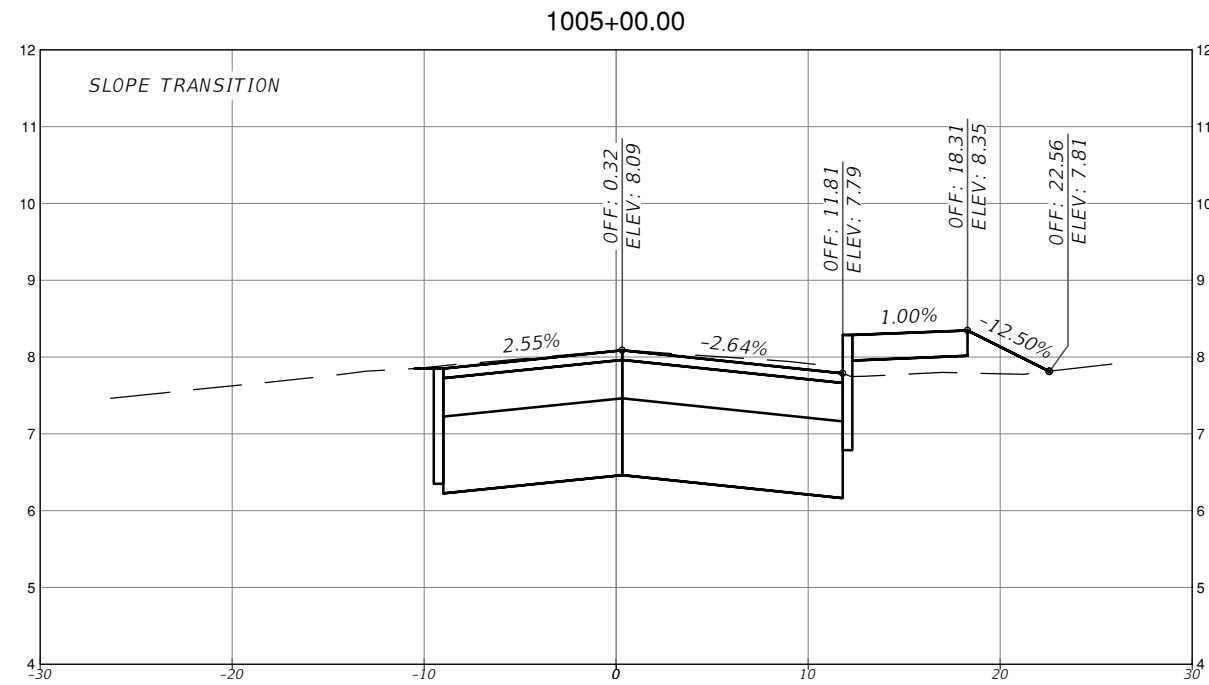
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815 NW 57TH AVE, SUITE 402
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

PAVEMENT AND GROUND COVER PLAN
(5 OF 5)

SHEET NO. C-6.5



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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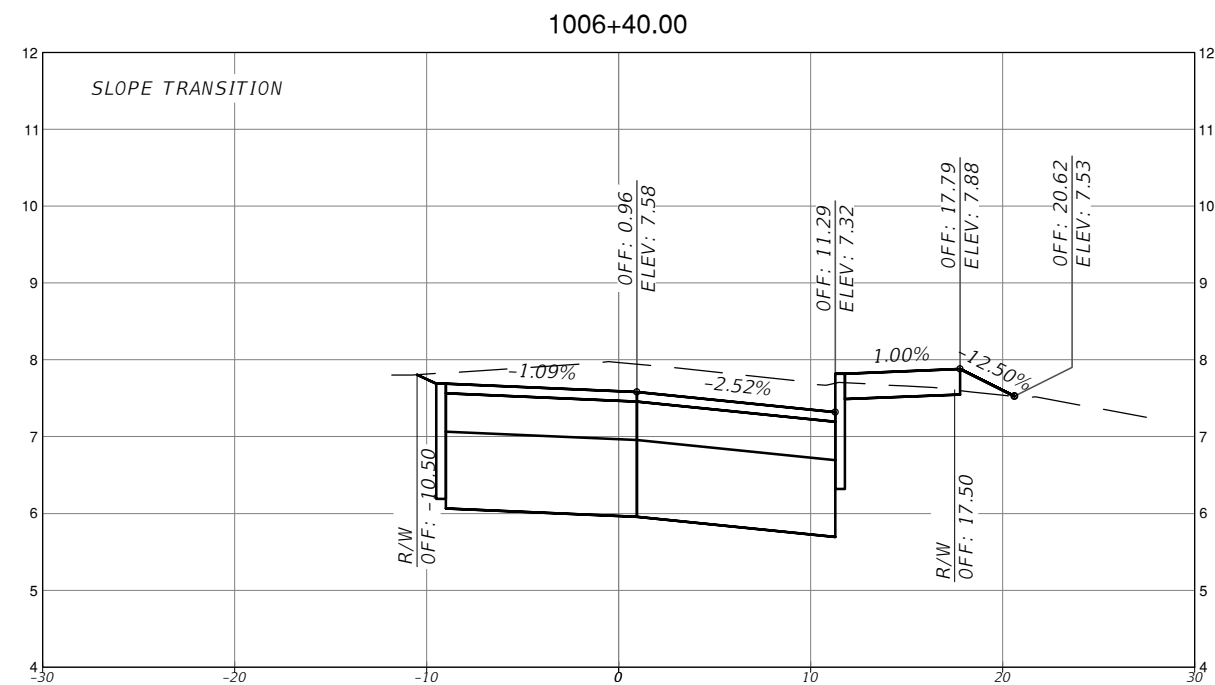
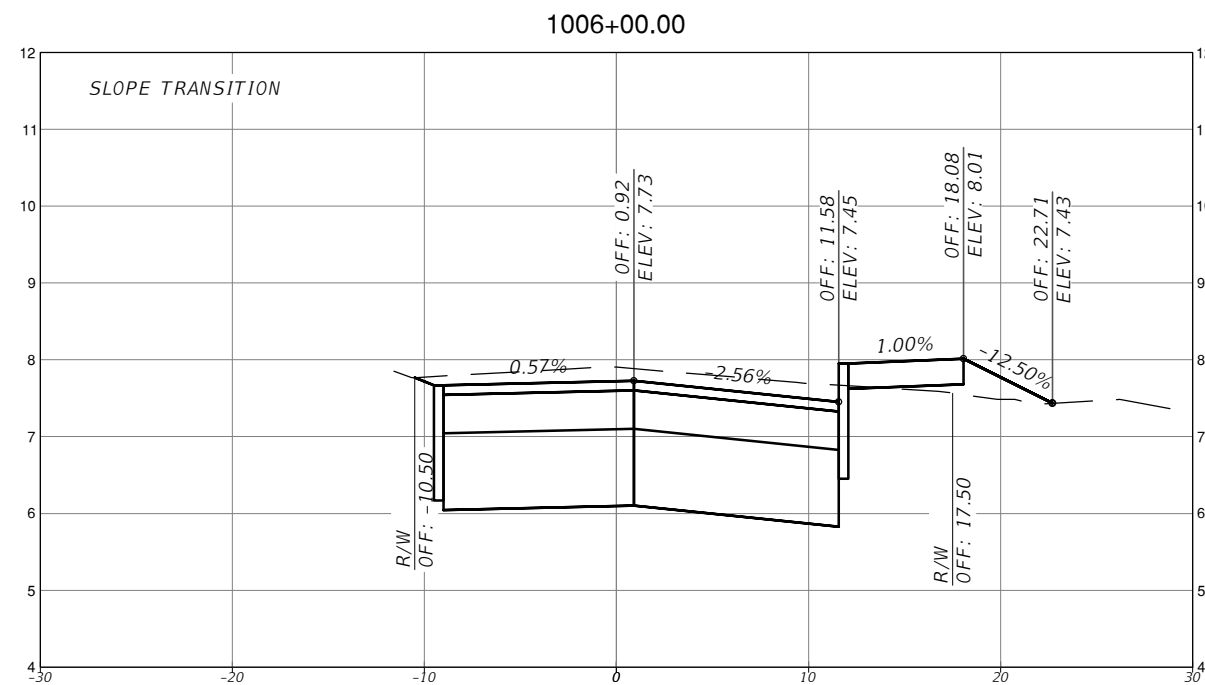
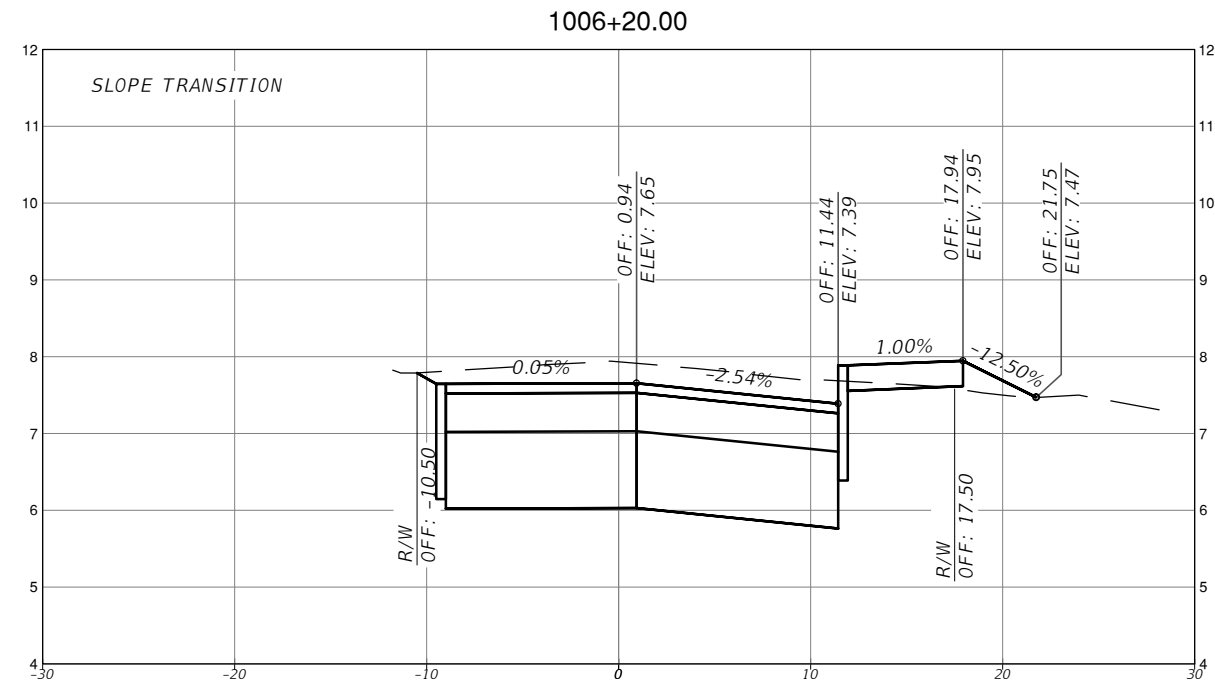
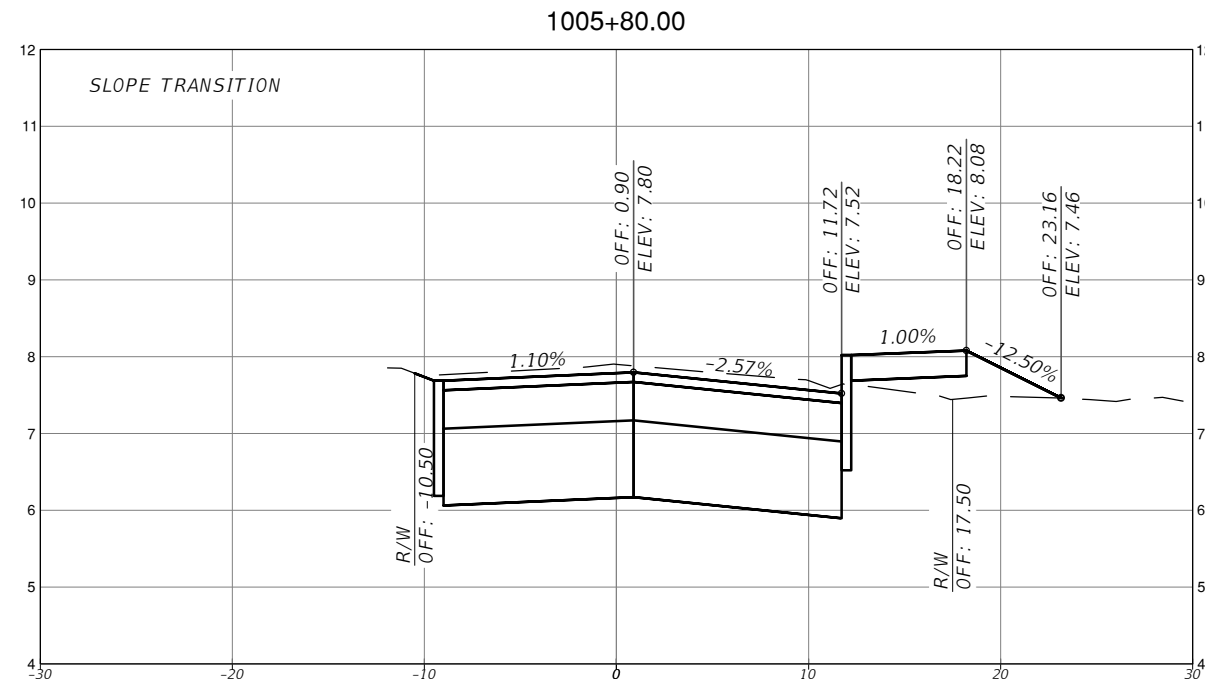


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(1 OF 30)

SHEET NO.
C-7.1



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



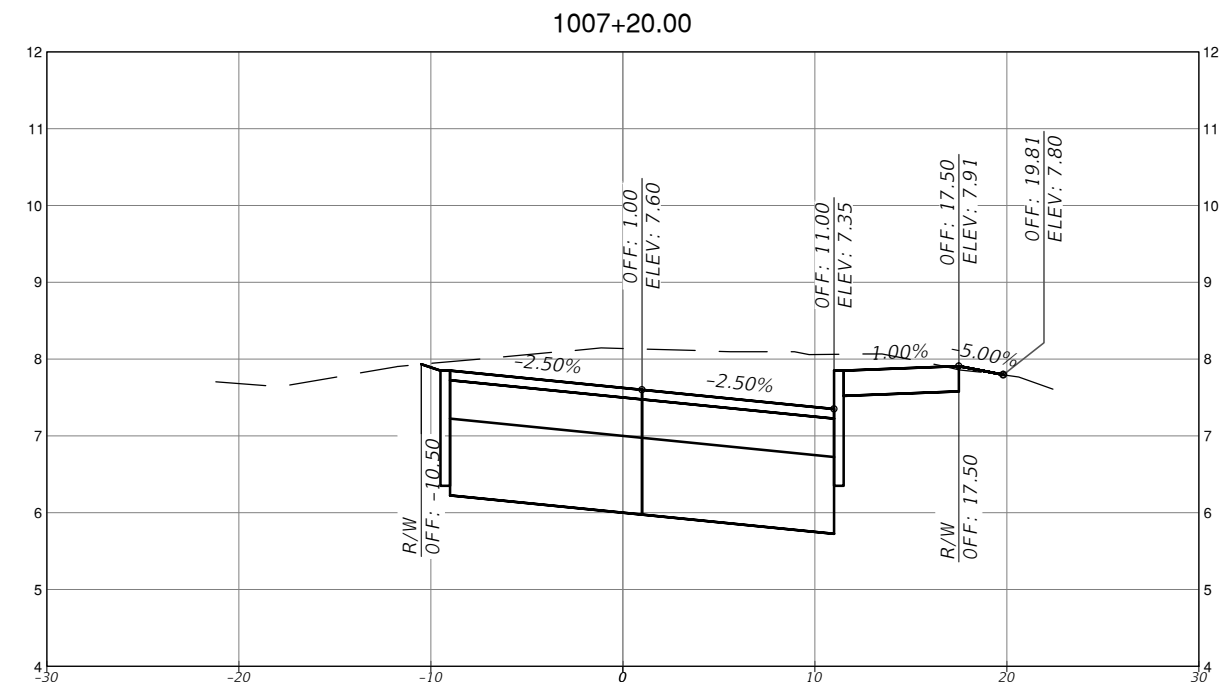
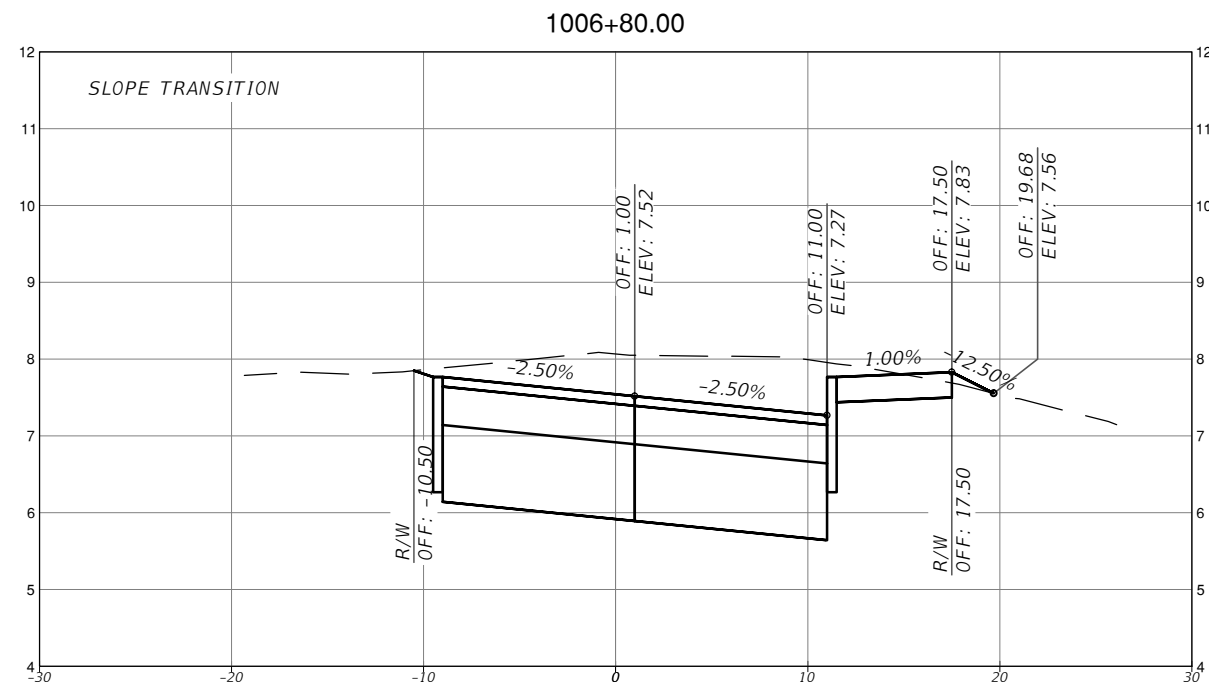
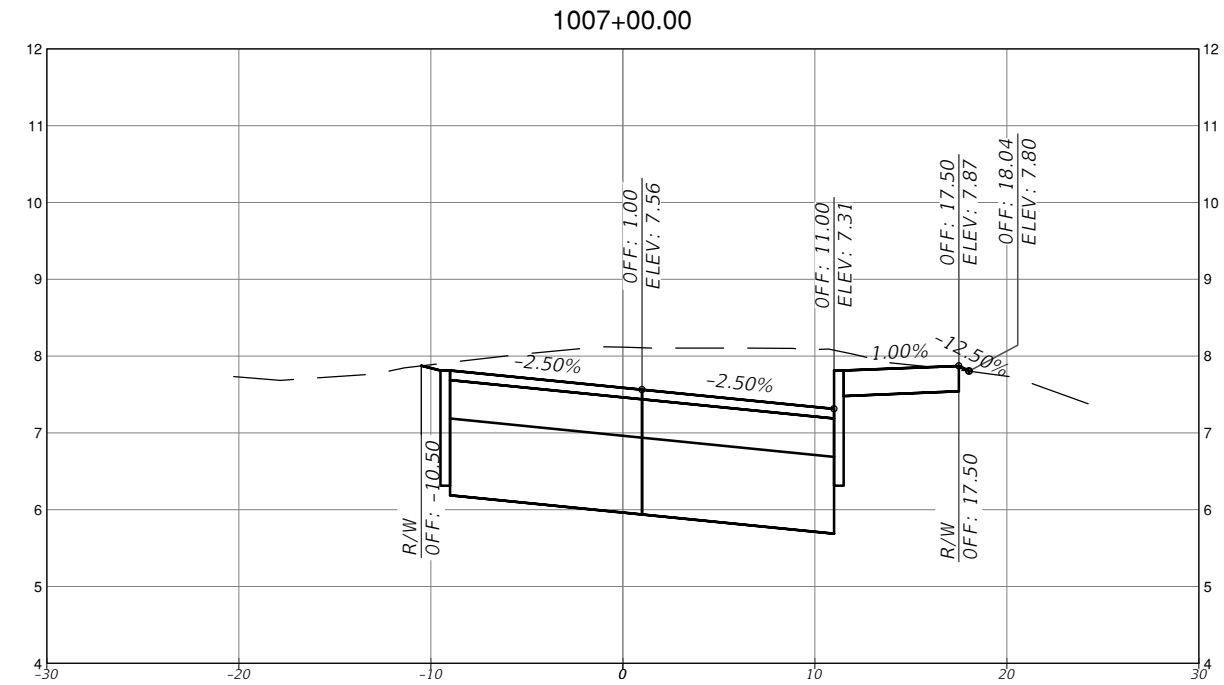
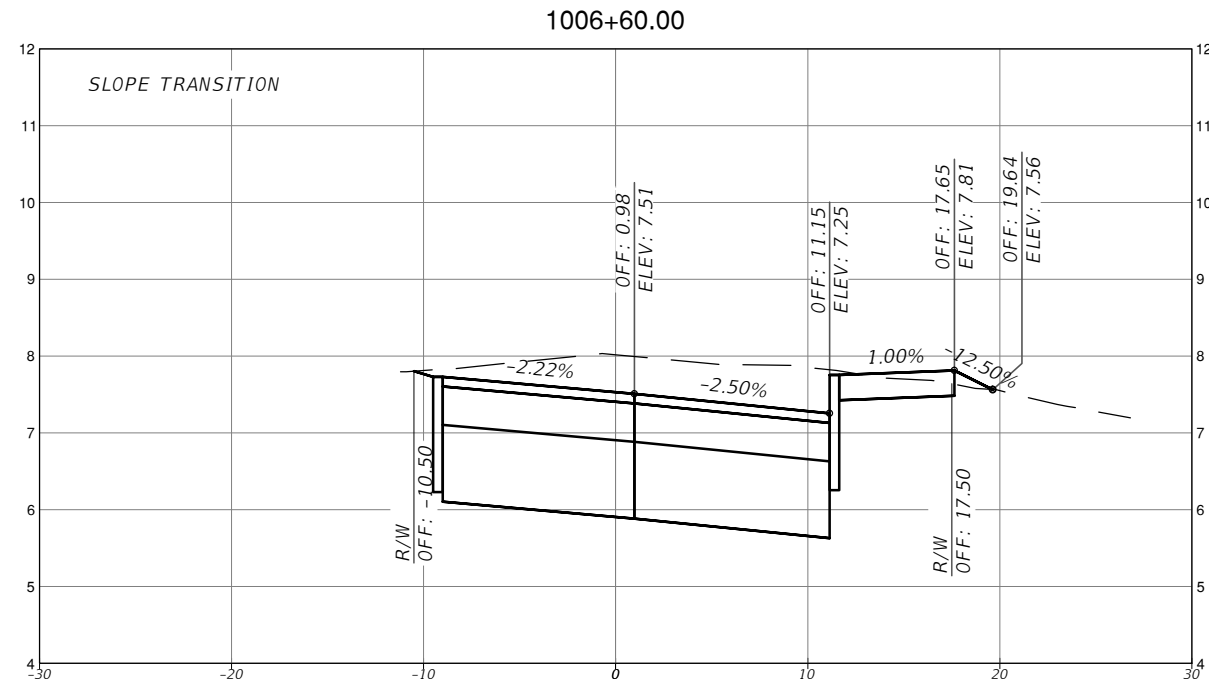
MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET COUNTY
NW S RIVER DRIVE MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(2 OF 30)

SHEET NO.
C-7.2



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



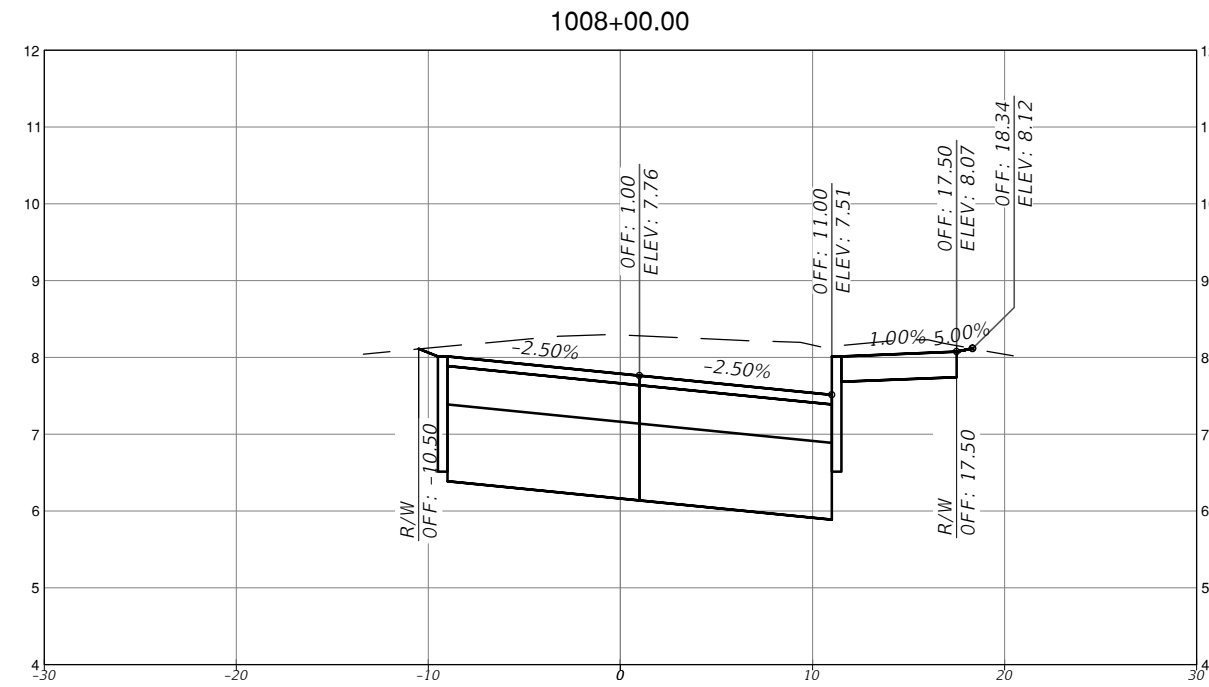
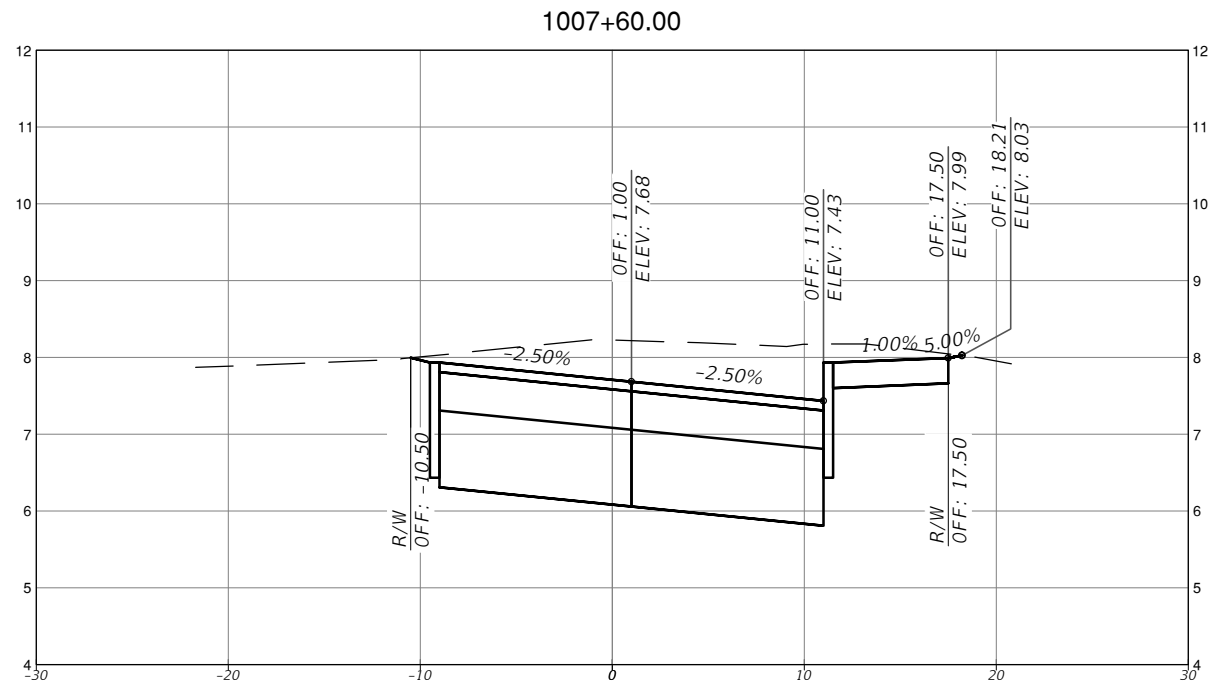
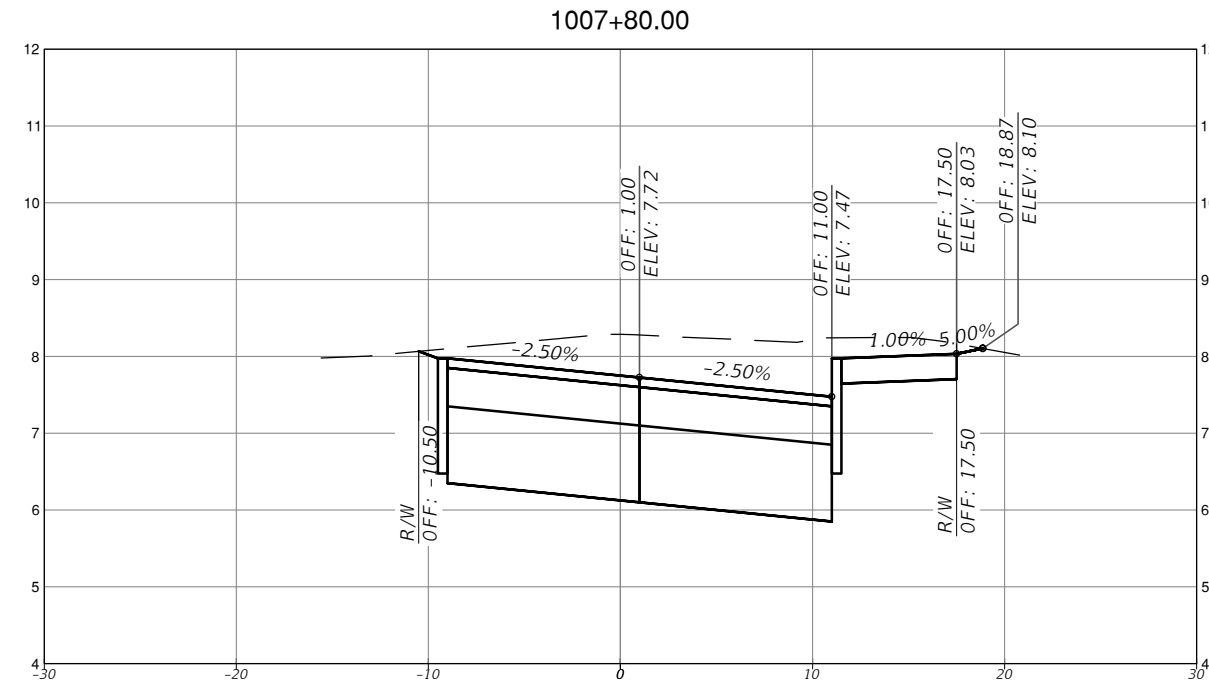
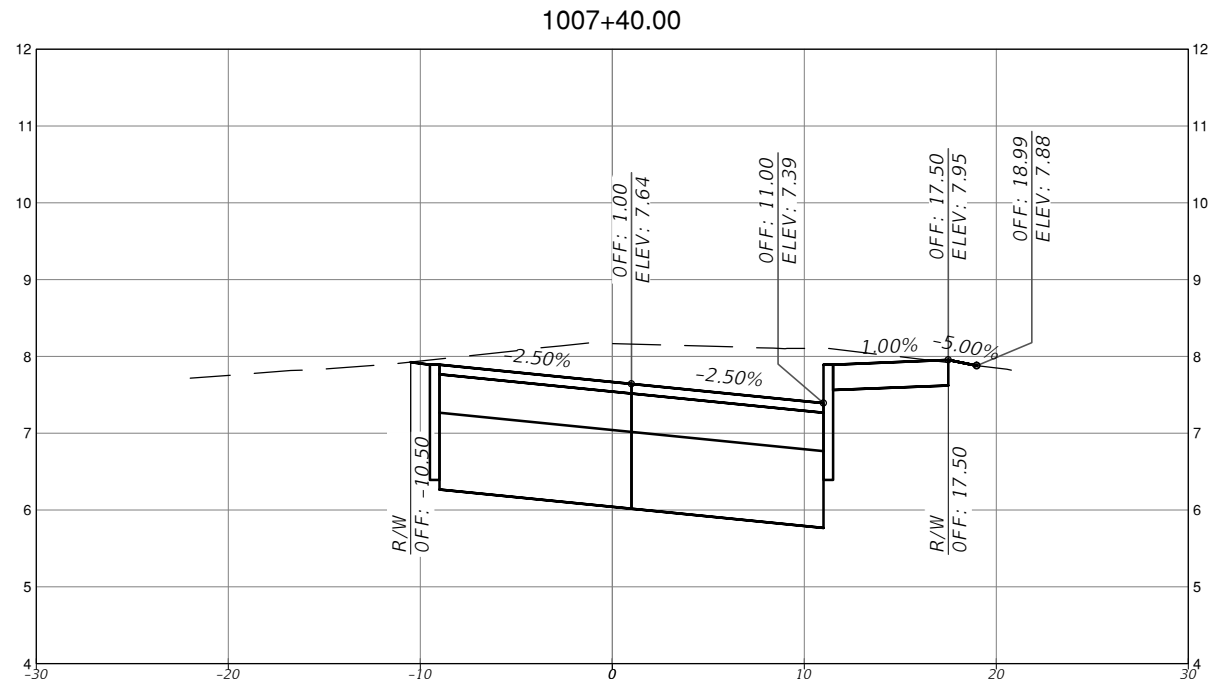
MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM



TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(3 OF 30)

SHEET NO.
C-7.3



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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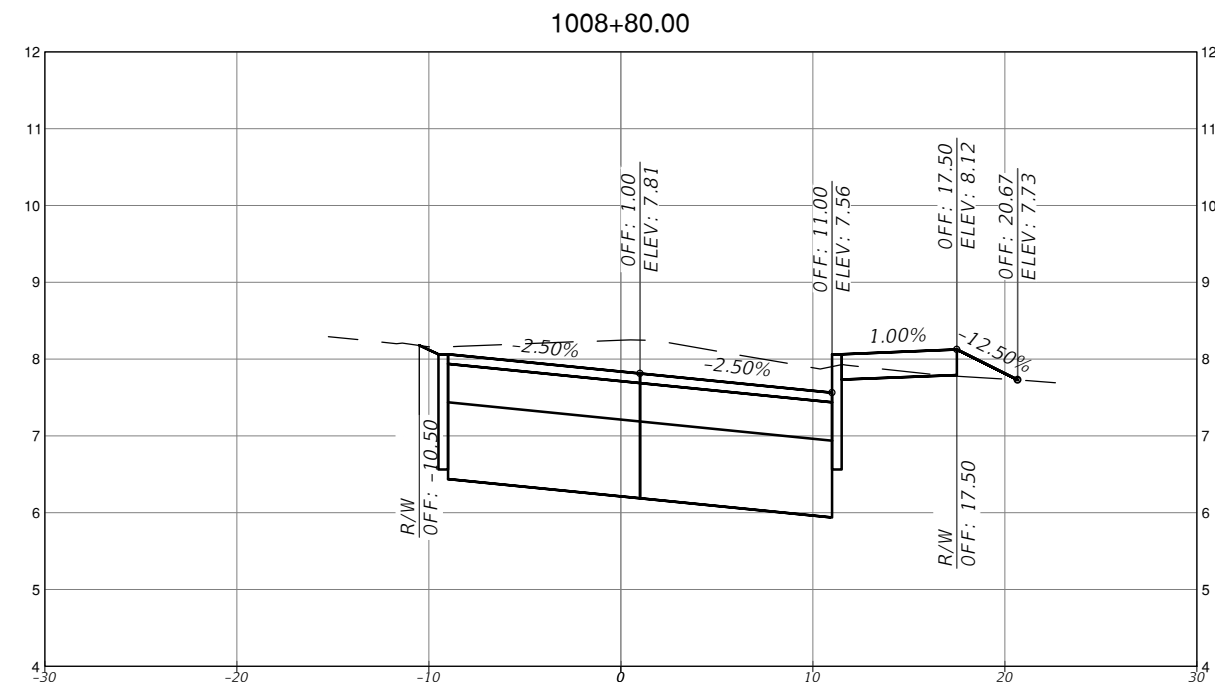
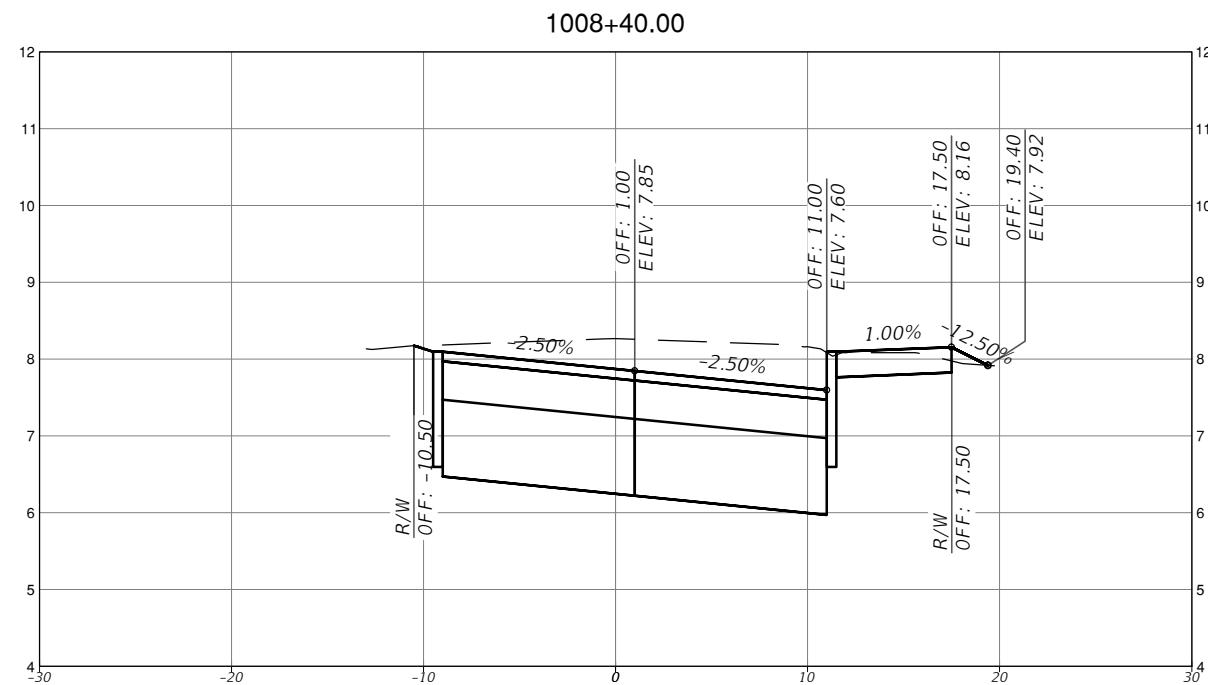
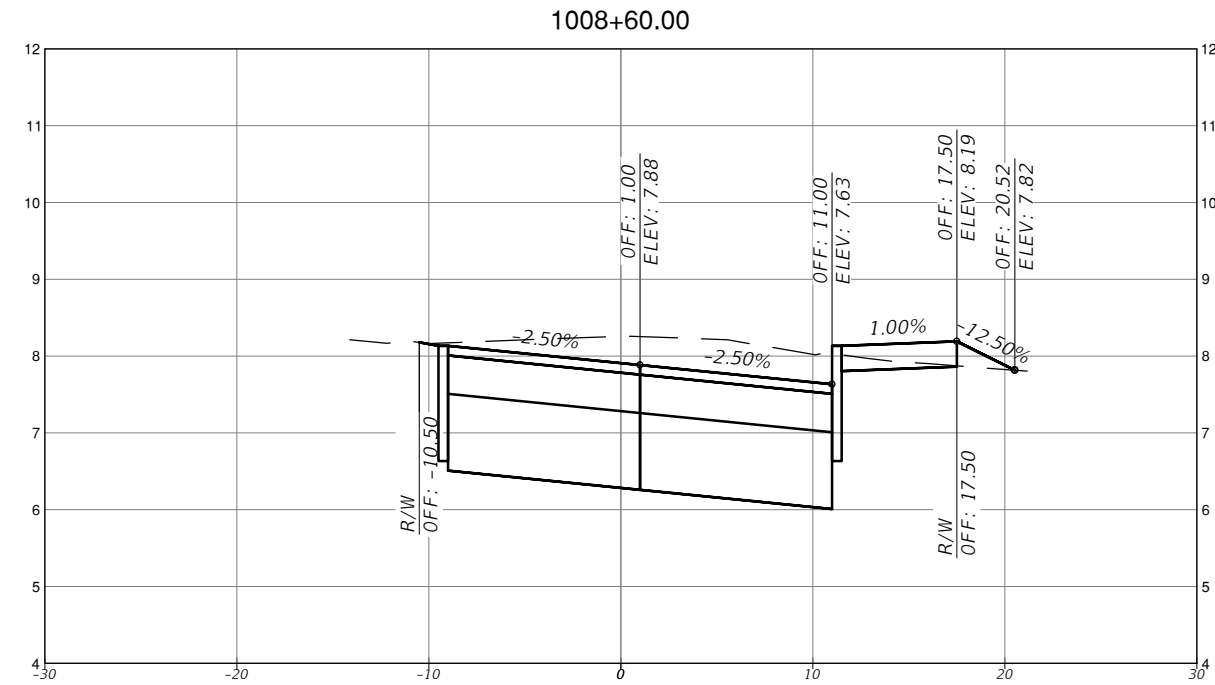
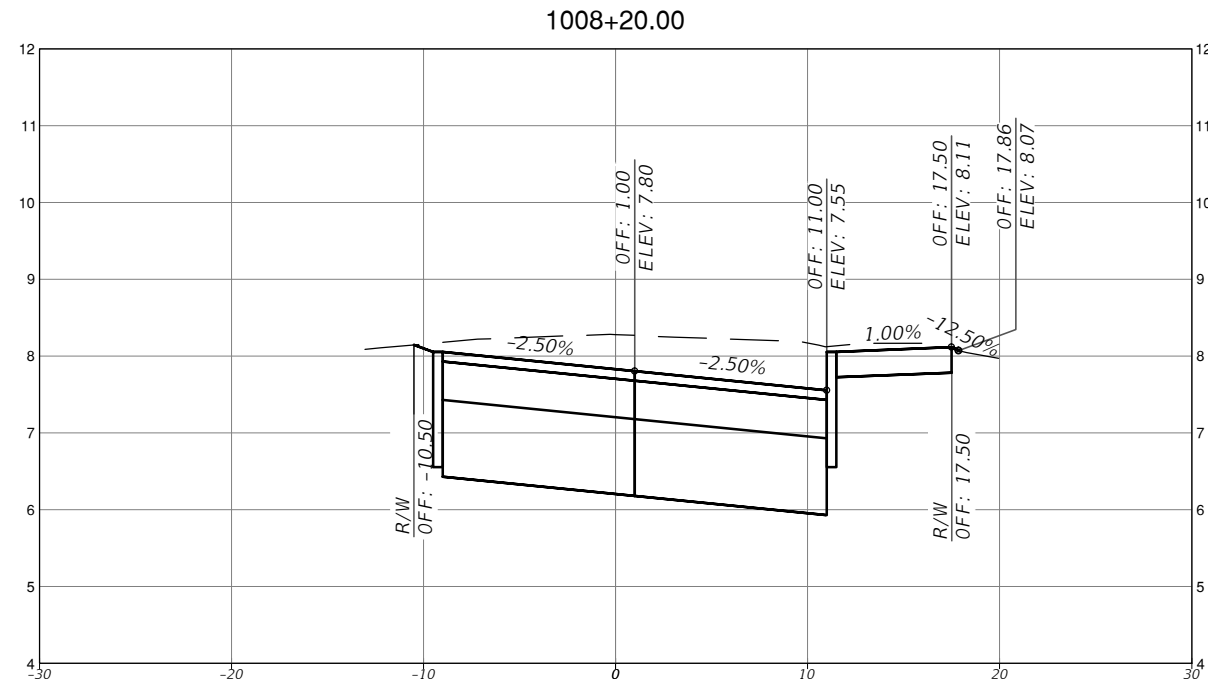


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT CROSS SECTIONS
 (4 OF 30)

SHEET NO.
 C-7.4



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



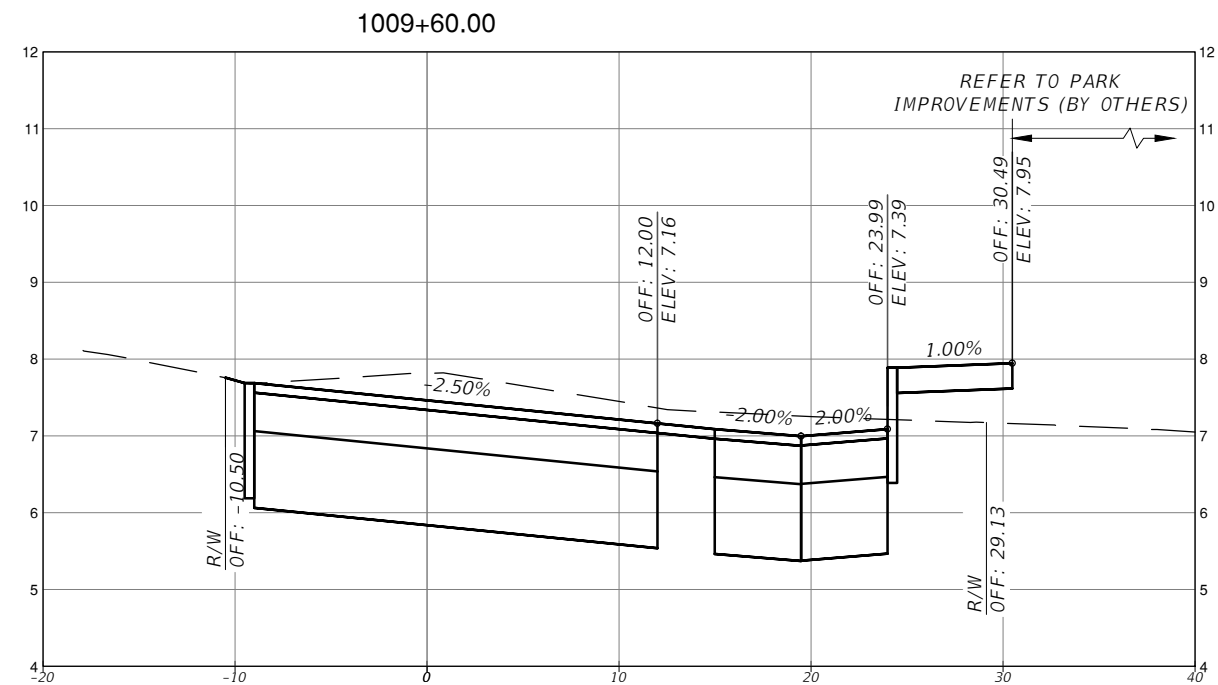
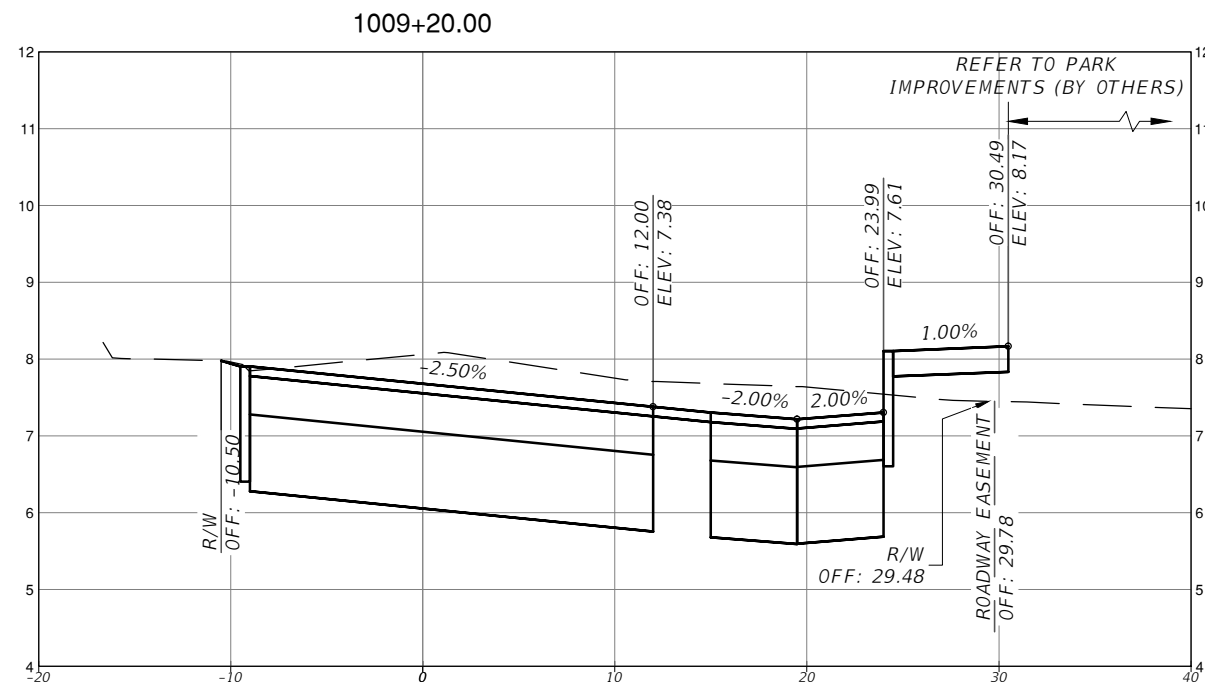
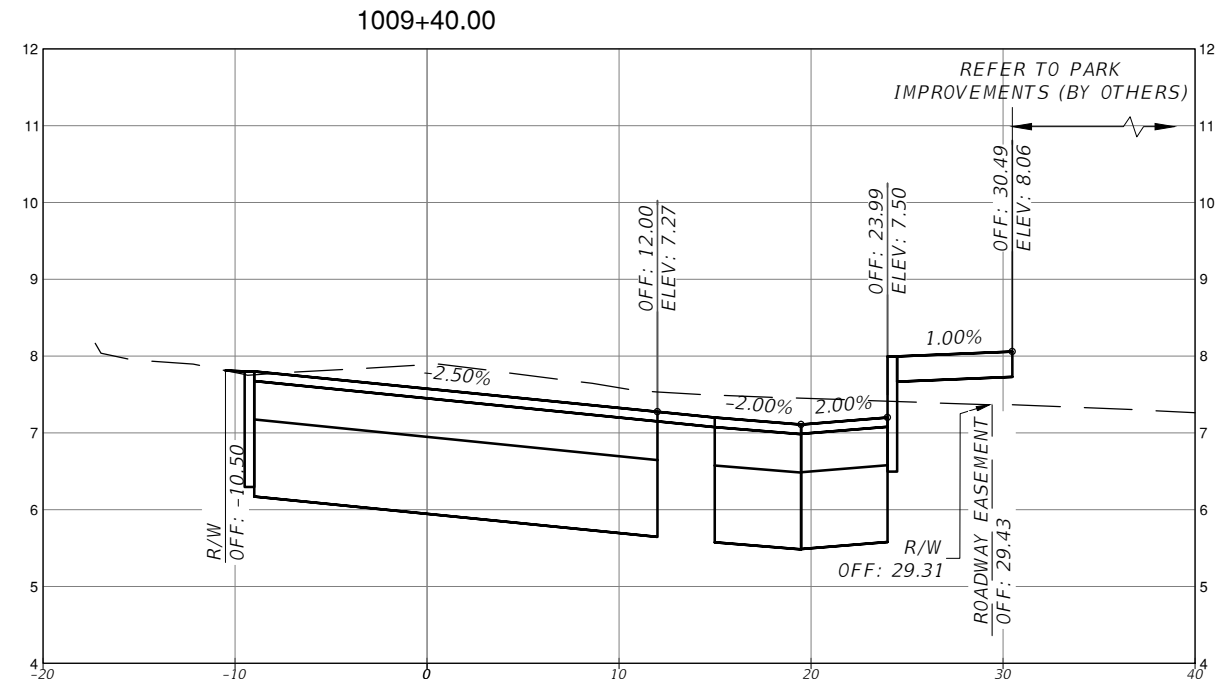
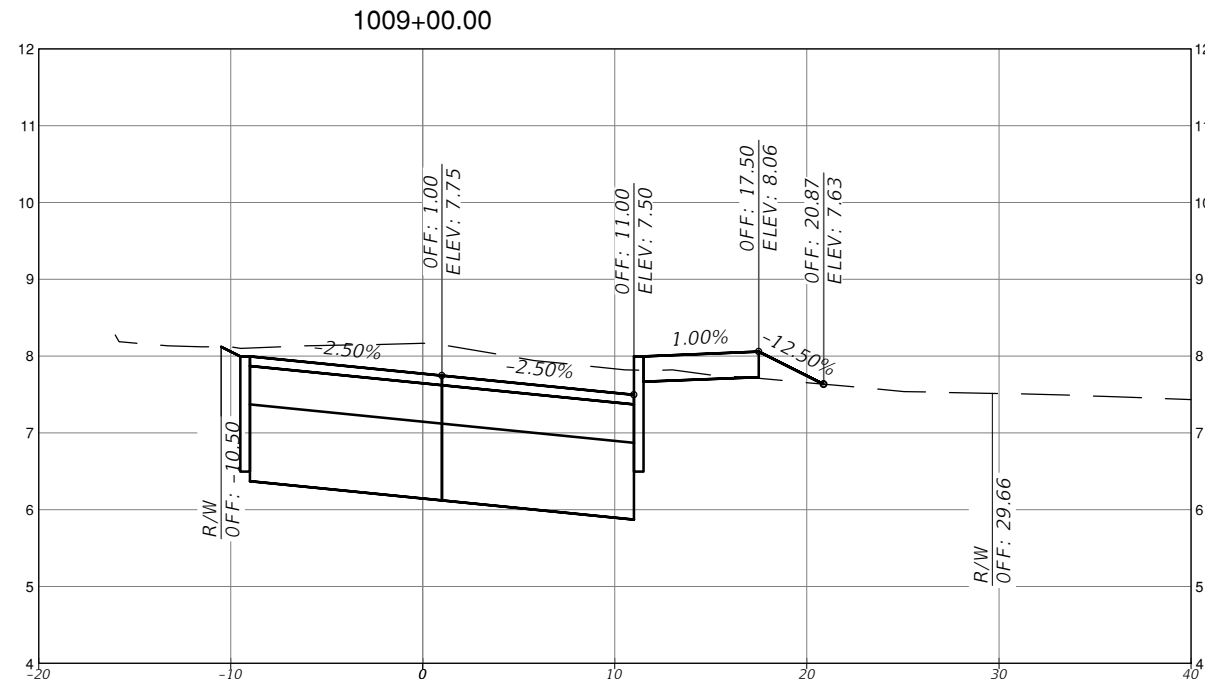
MICHAEL ADEIFE, P.E.
 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (5 OF 30)

SHEET NO.
 C-7.5



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



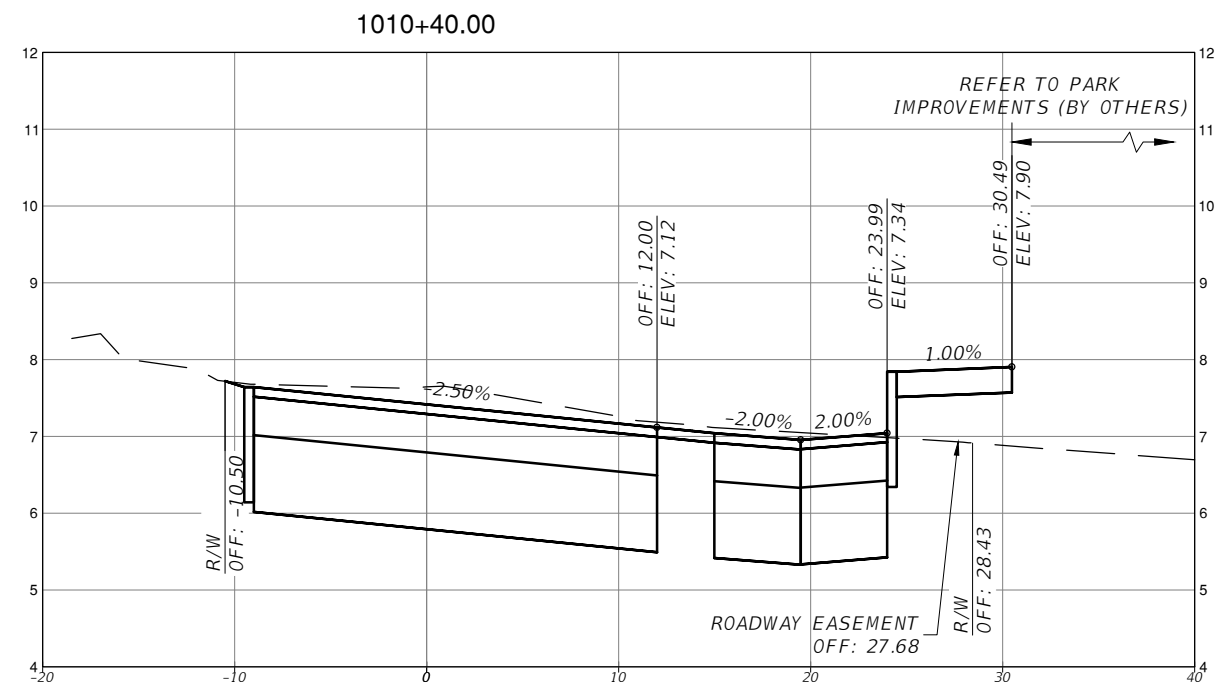
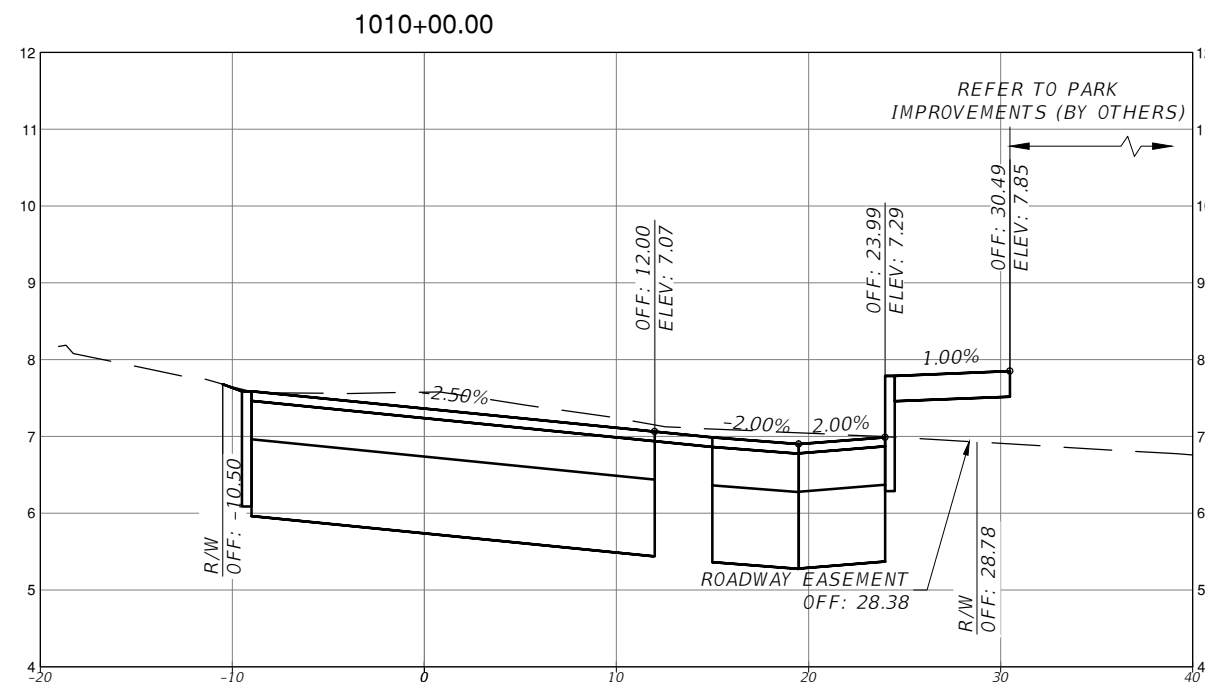
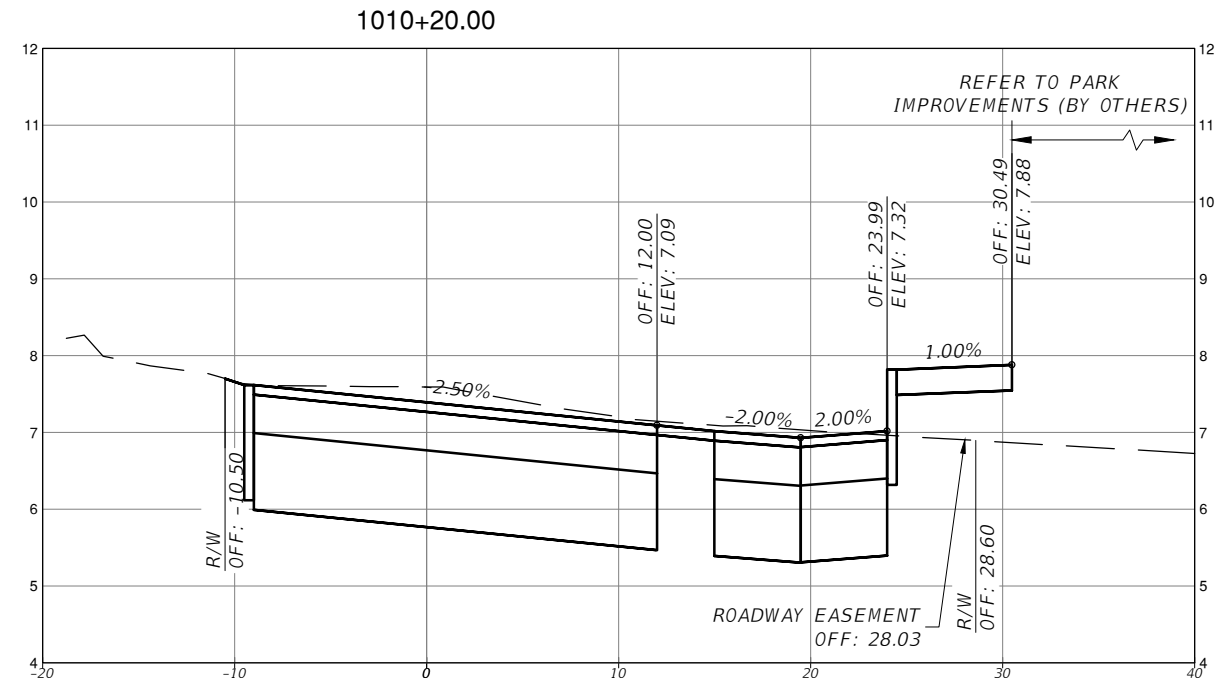
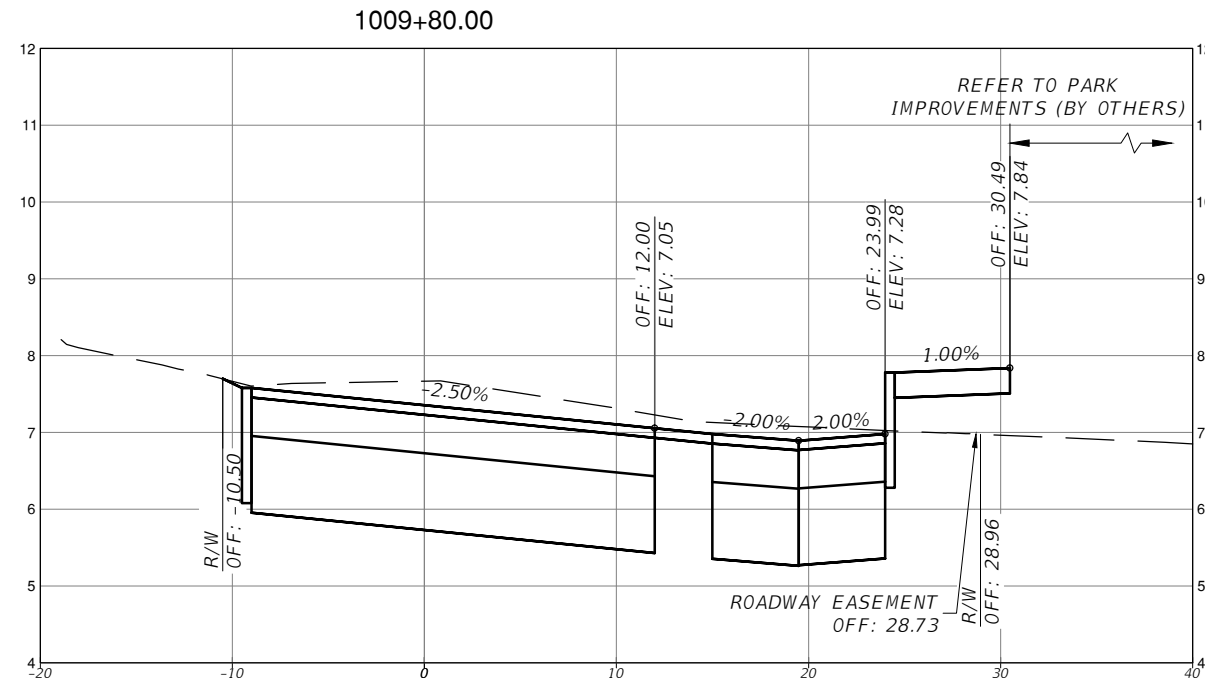
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 815 NW 57TH AVE, SUITE 402
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (6 OF 30)

SHEET NO.
 C-7.6



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



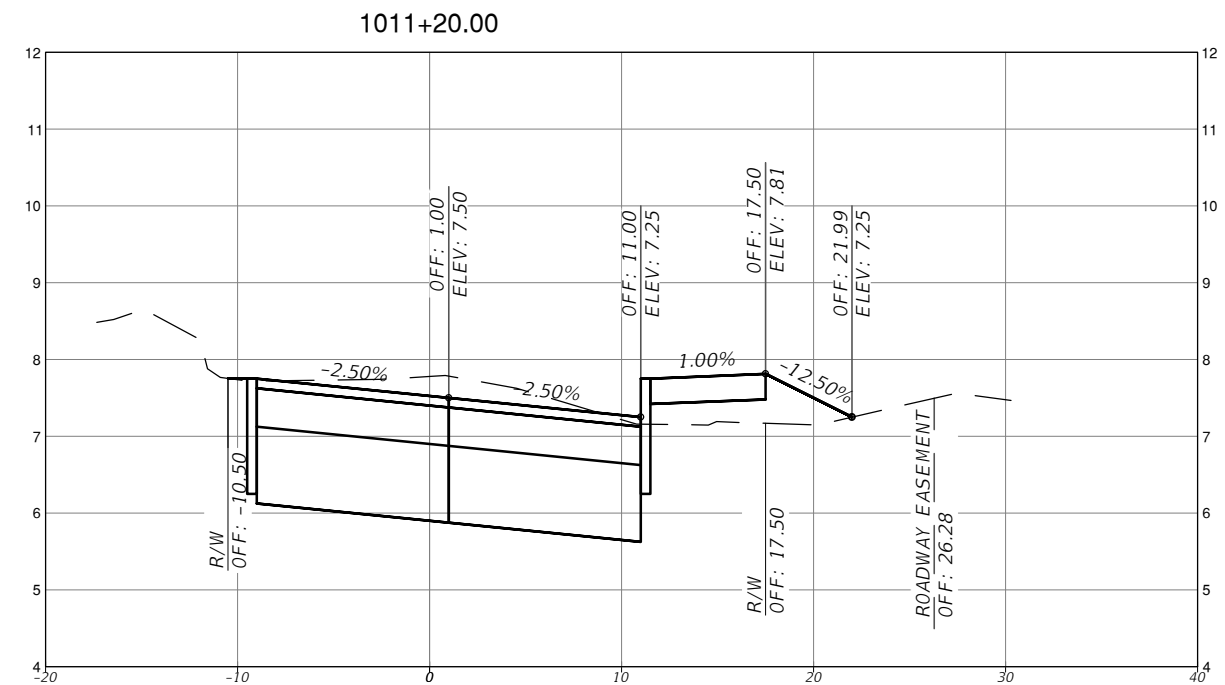
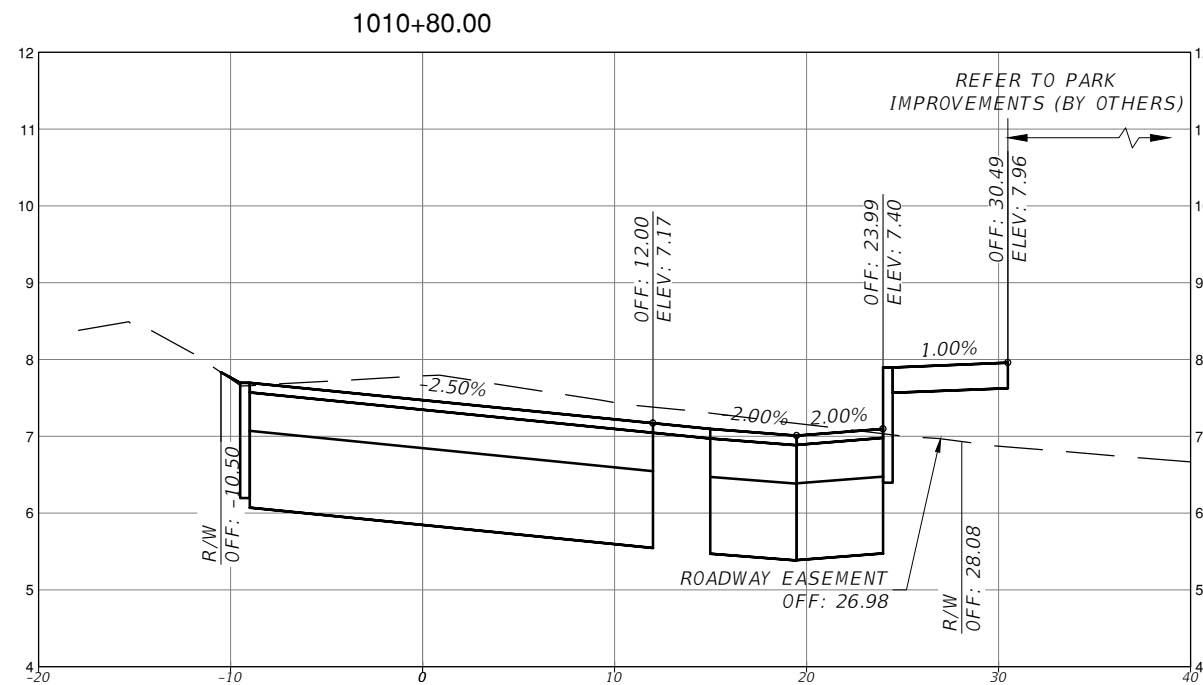
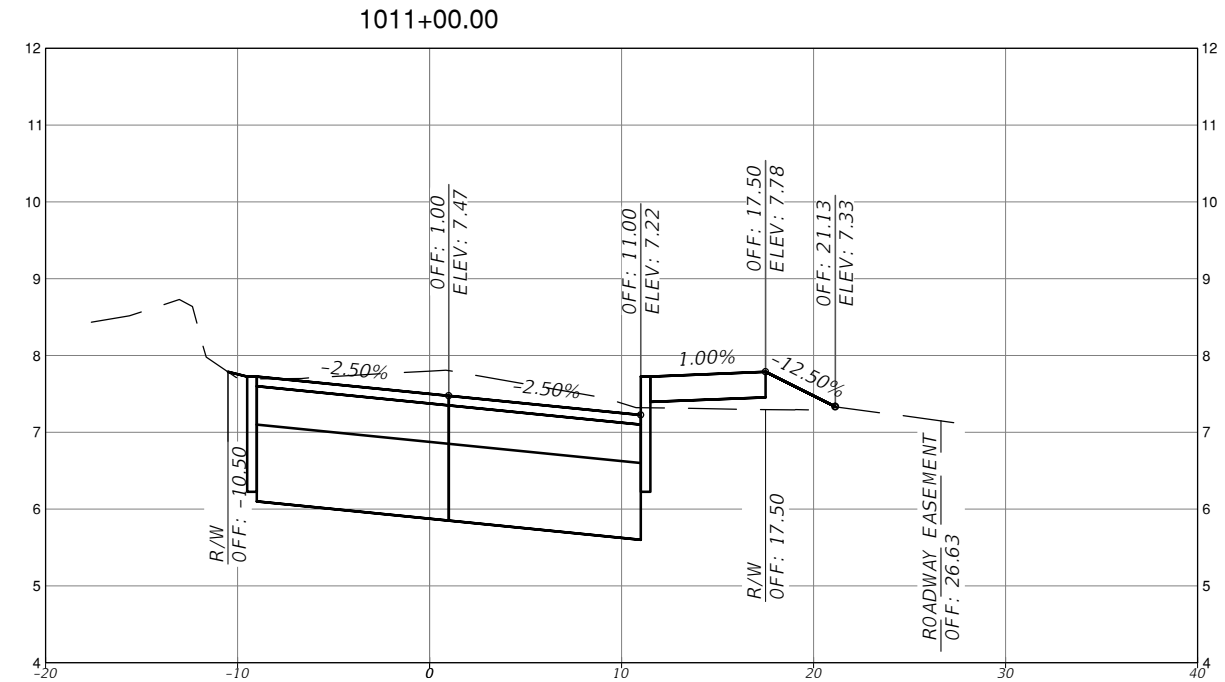
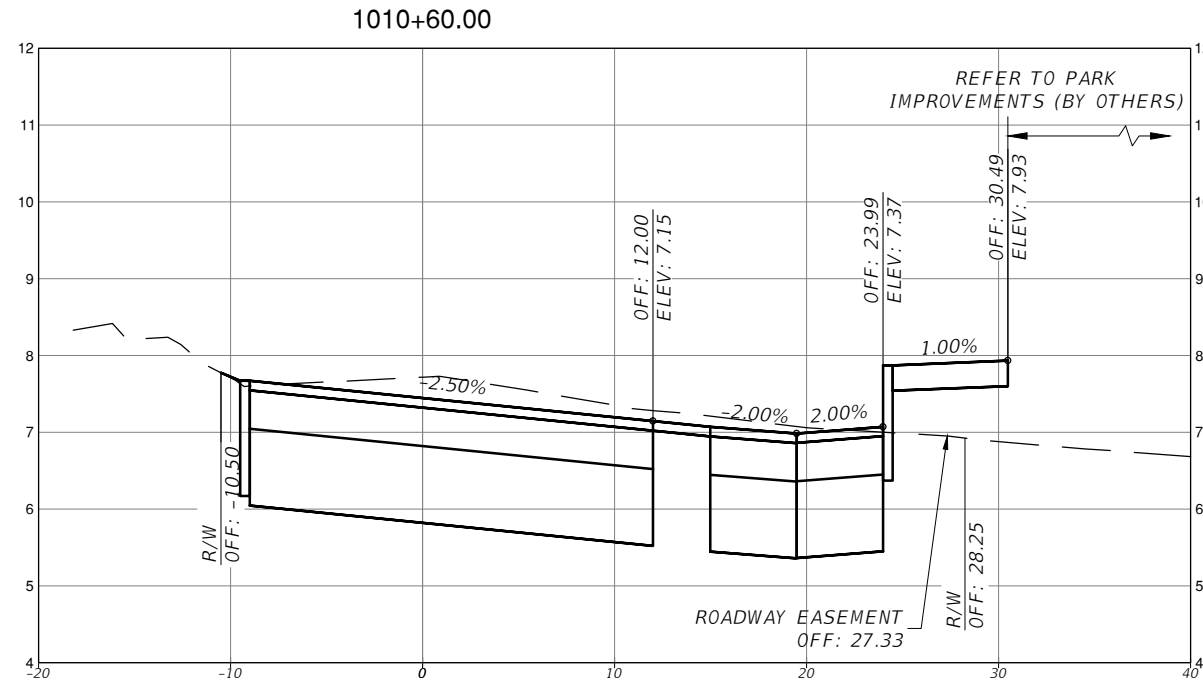
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P.E. LICENSE NO. 56094
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815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET COUNTY
NW S RIVER DRIVE MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(7 OF 30)

SHEET NO.
C-7.7



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



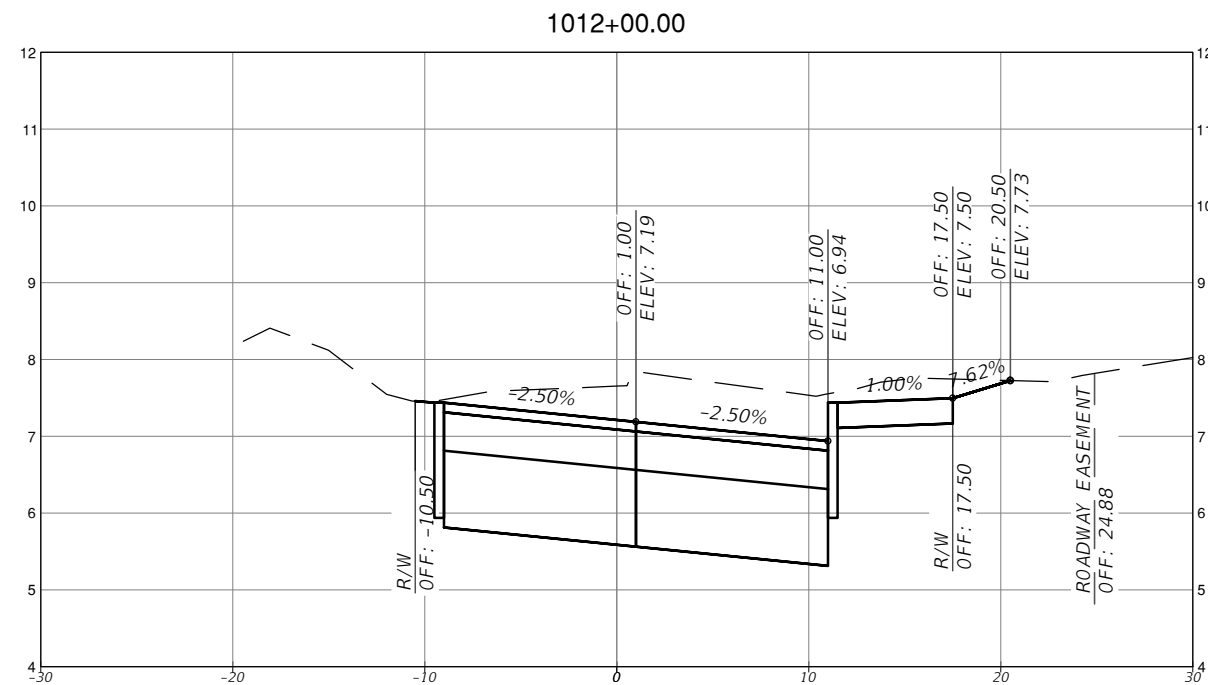
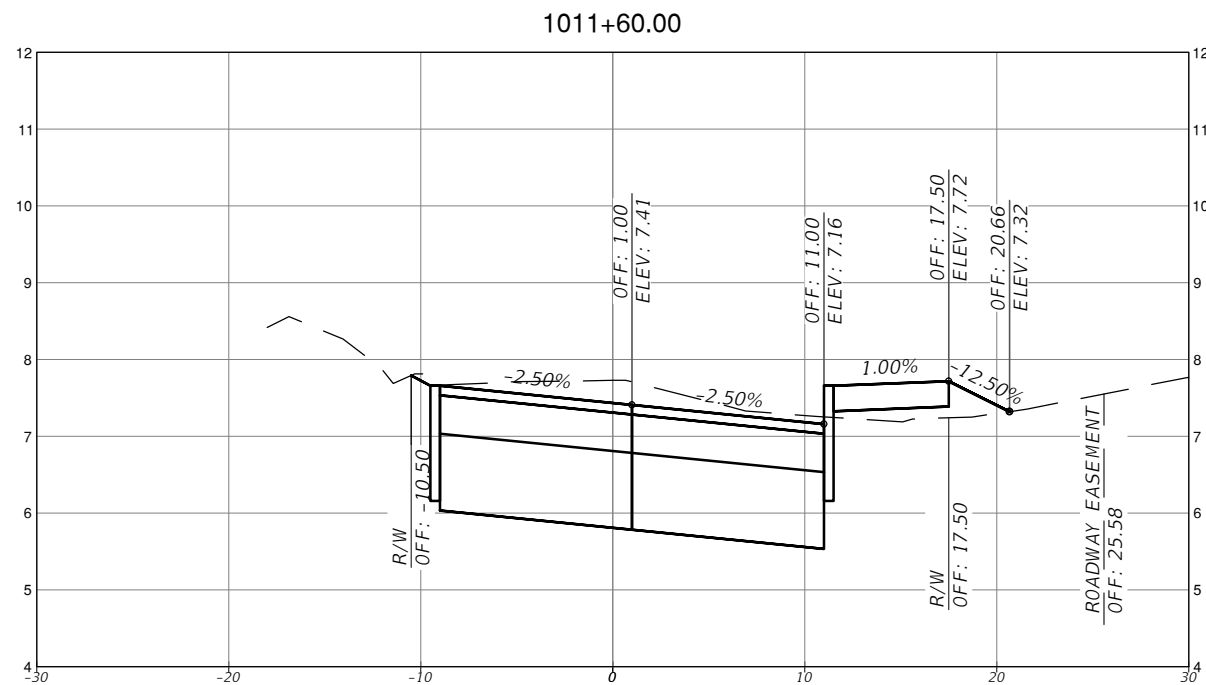
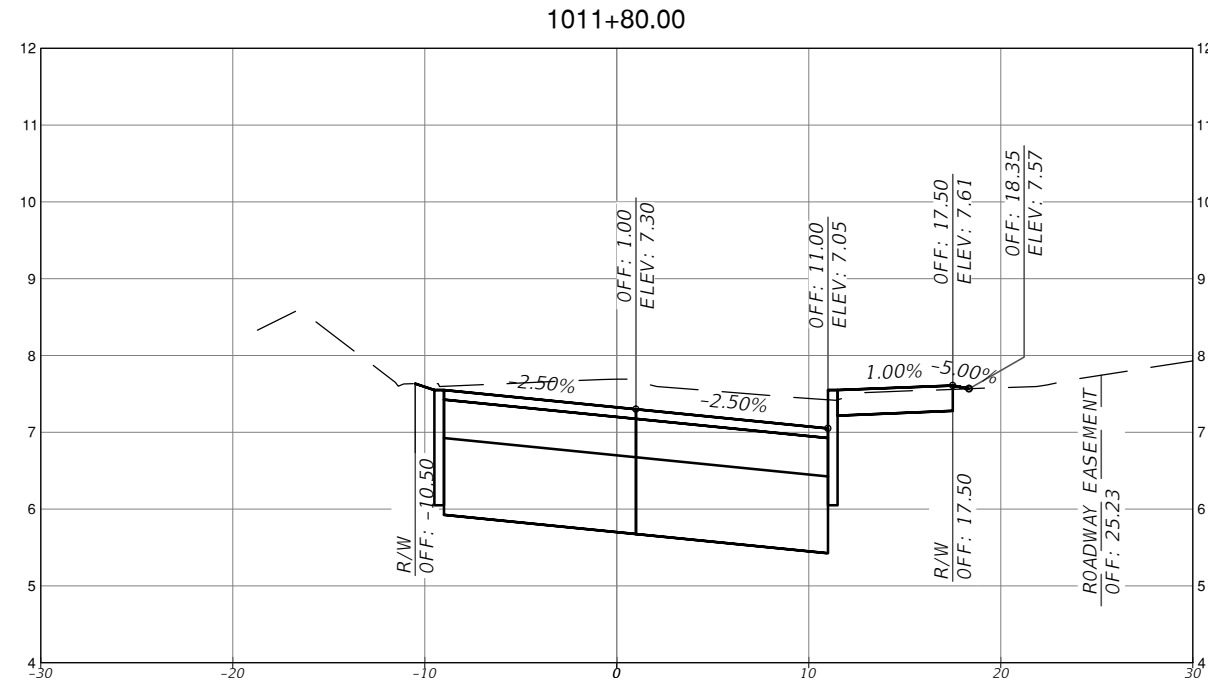
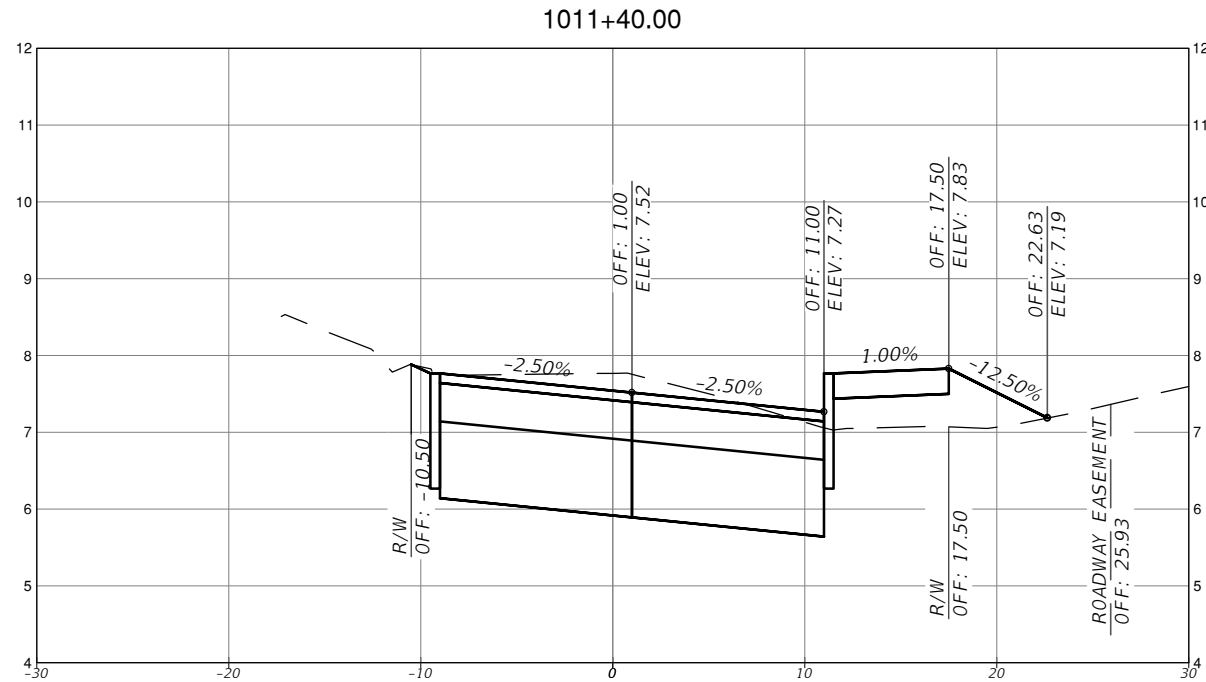
MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
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815 NW 57TH AVE, SUITE 402
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET
NW S RIVER DRIVE
COUNTY
MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(8 OF 30)

SHEET NO.
C-7.8



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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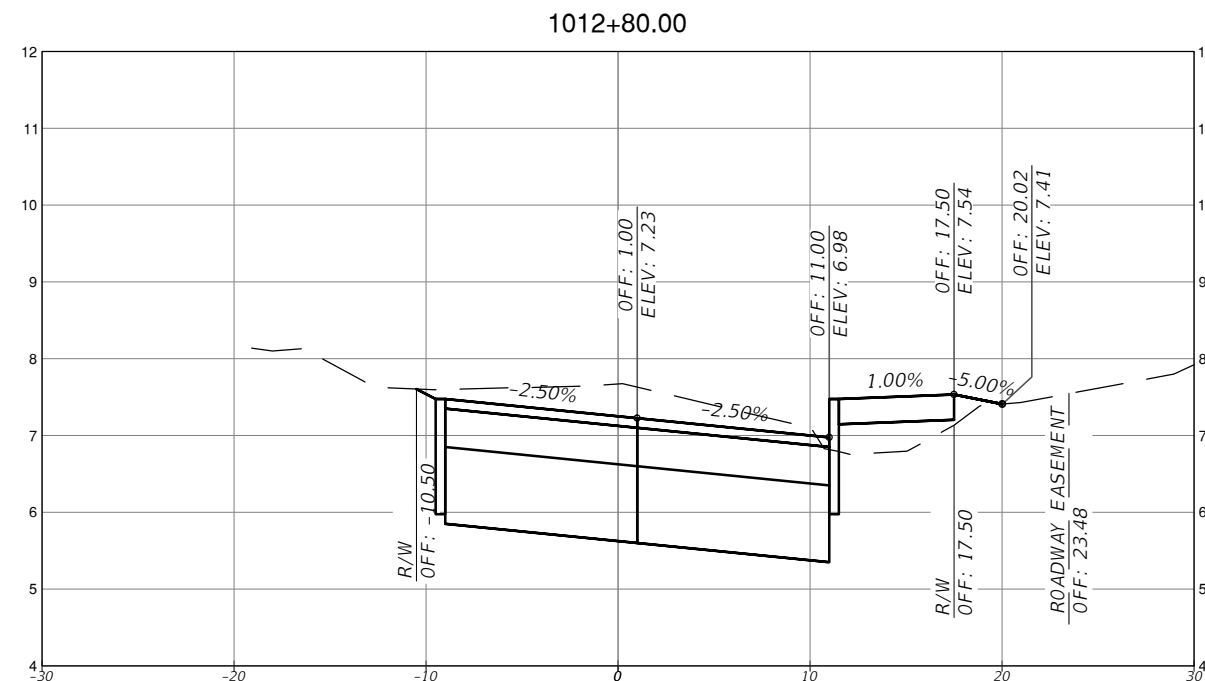
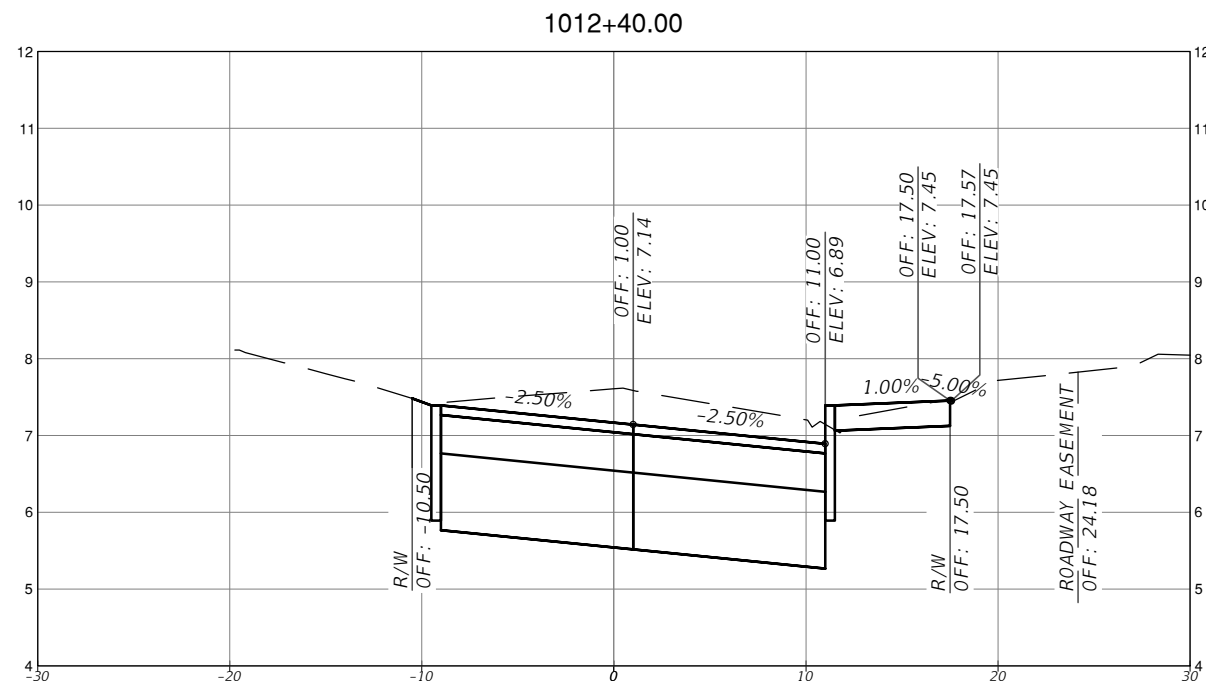
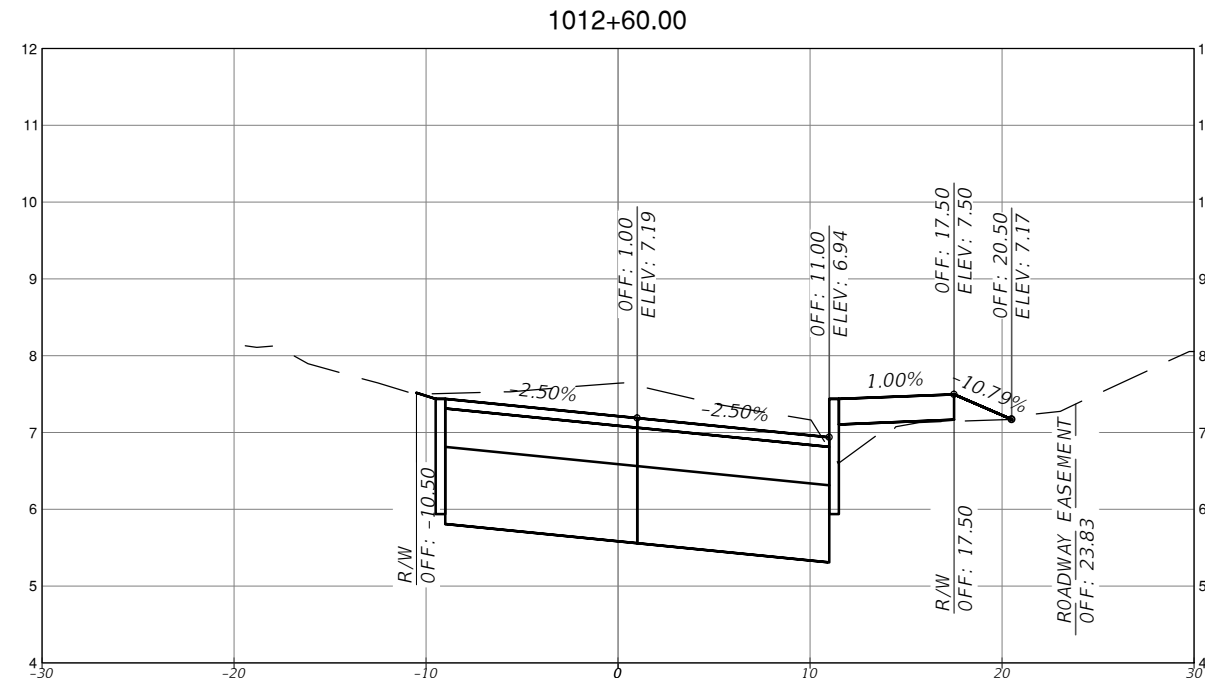
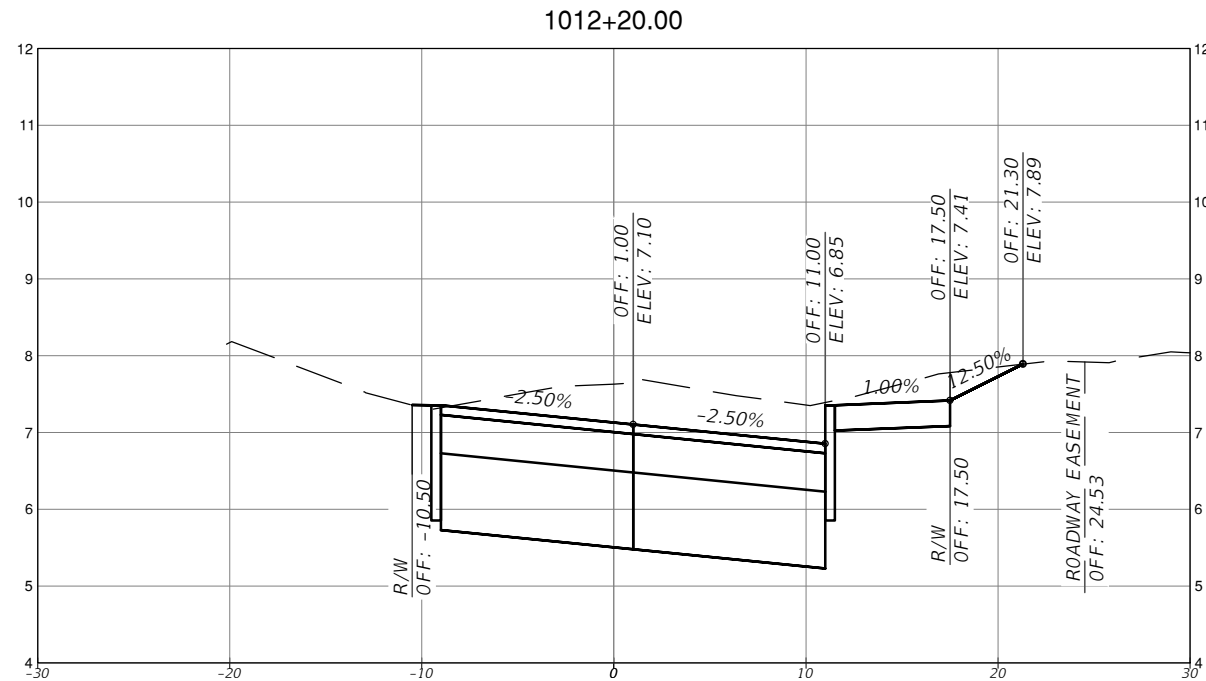


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (9 OF 30)

SHEET NO.
 C-7.9



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



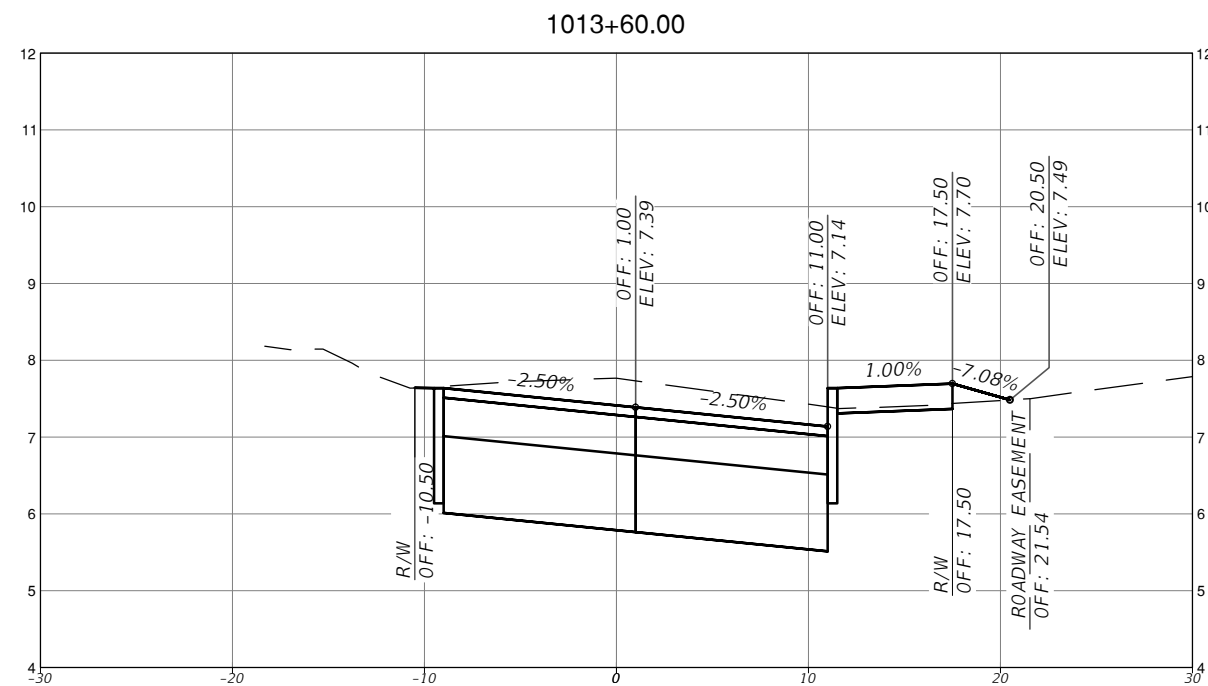
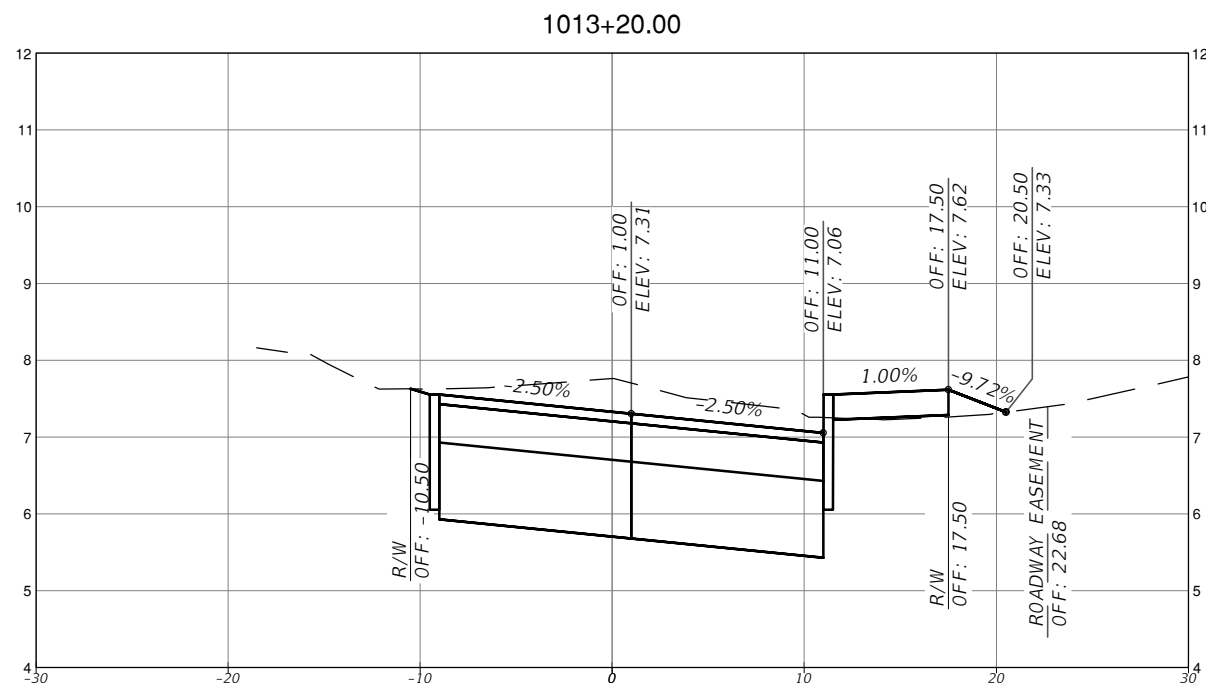
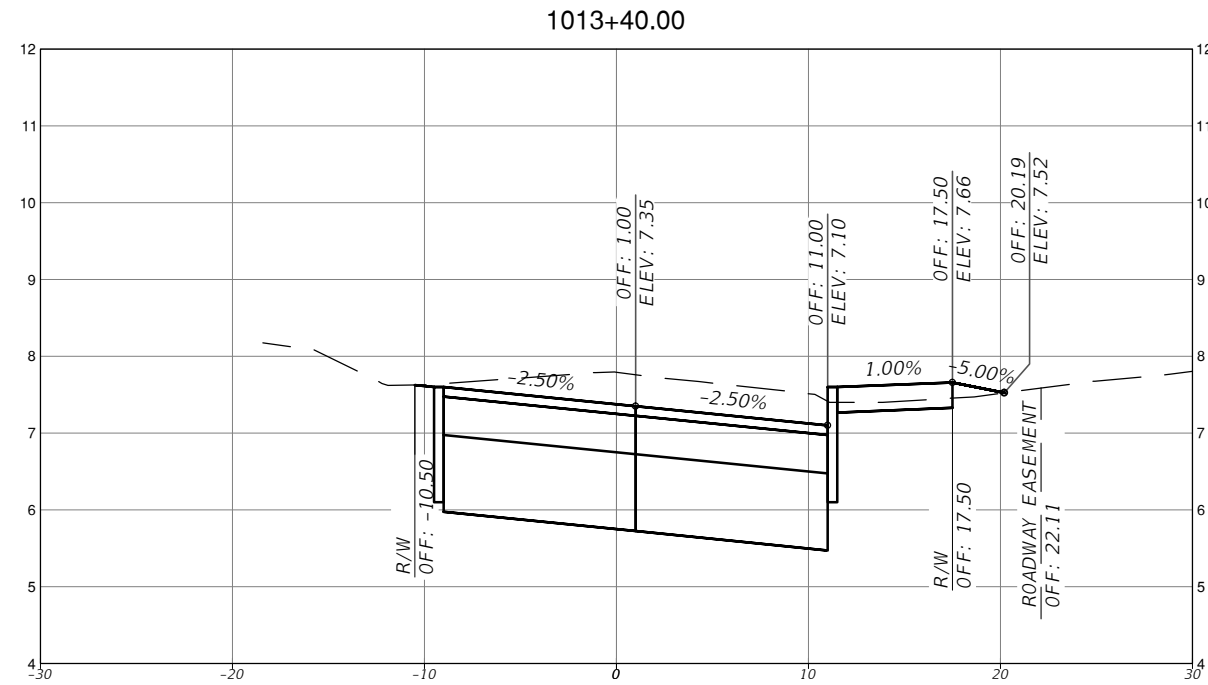
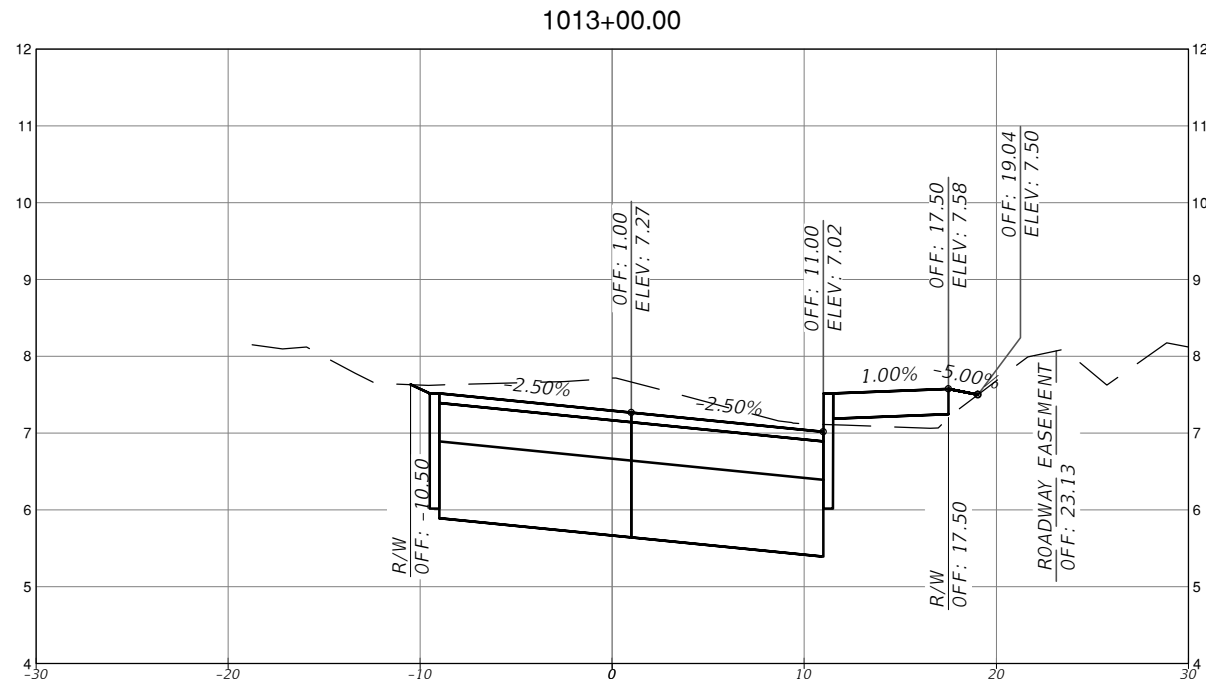
MICHAEL ADEIFE, P.E.
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EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET
NW S RIVER DRIVE
COUNTY
MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(10 OF 30)

SHEET NO.
C-7.10



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 CA.# 7011

MICHAEL ADEIFE, P.E.
 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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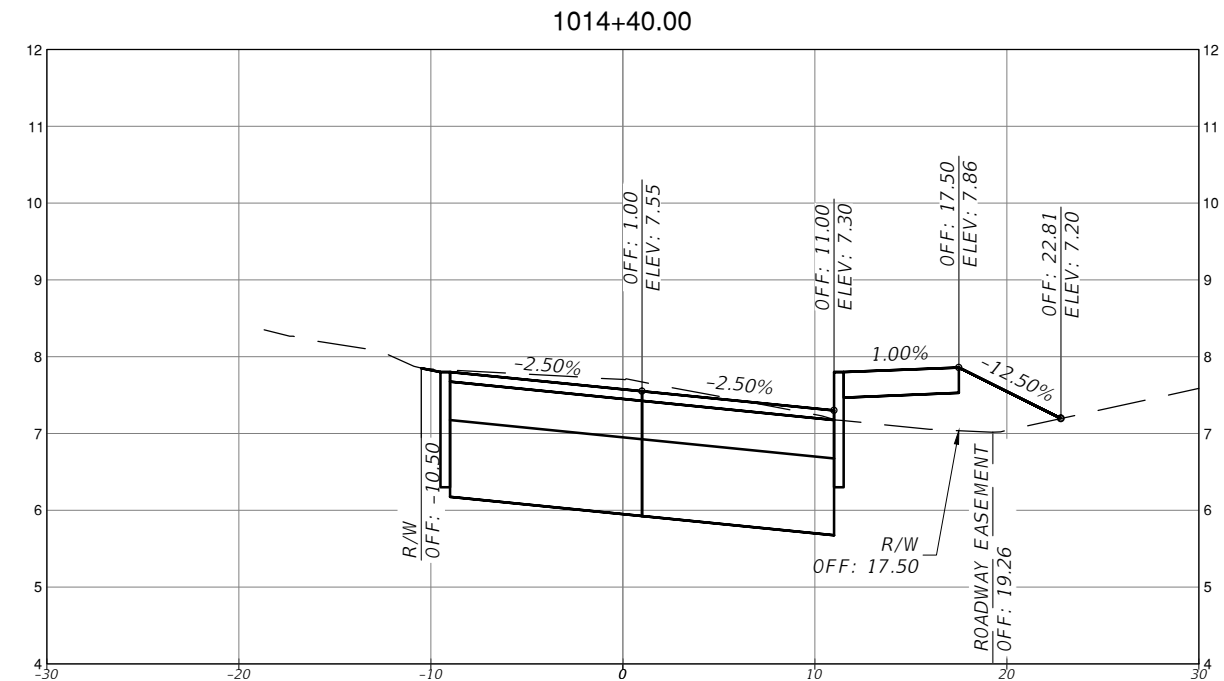
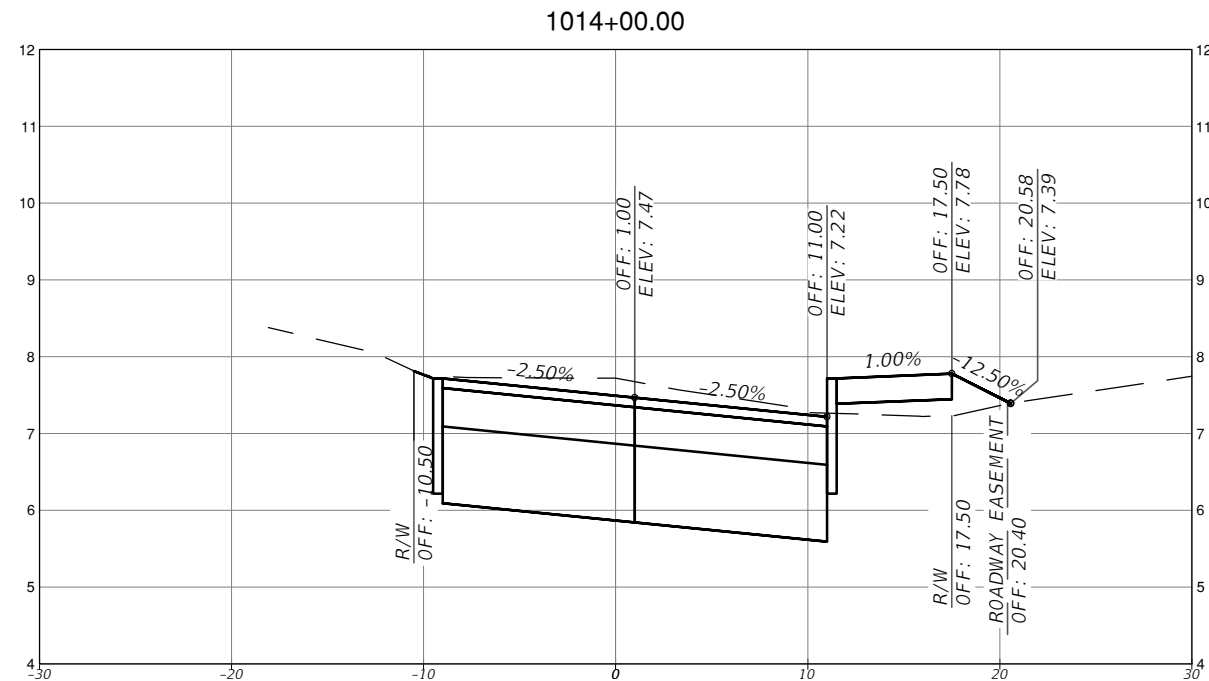
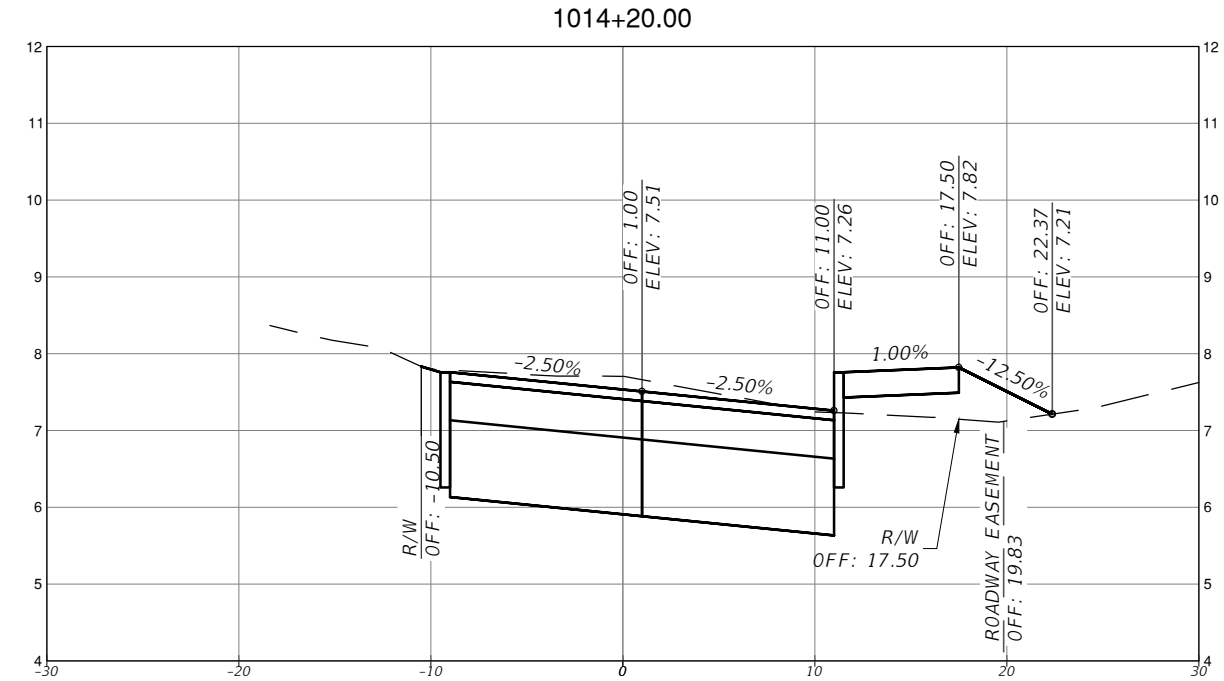
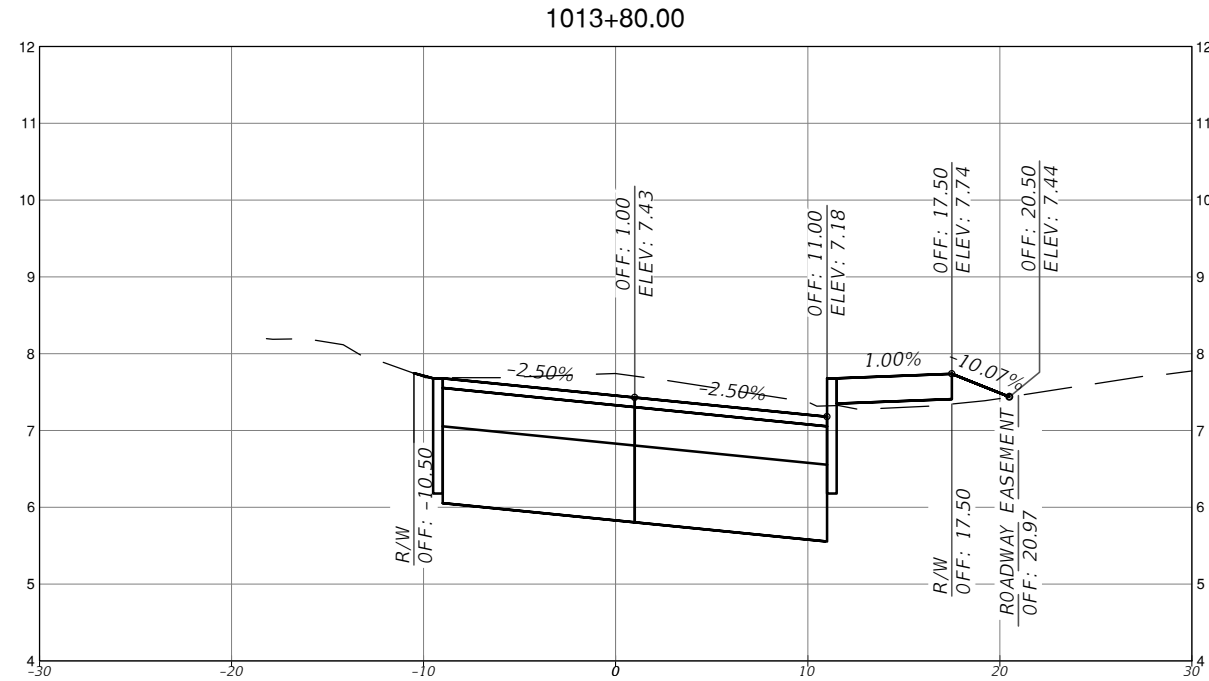


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (11 OF 30)

SHEET NO.
 C-7.11



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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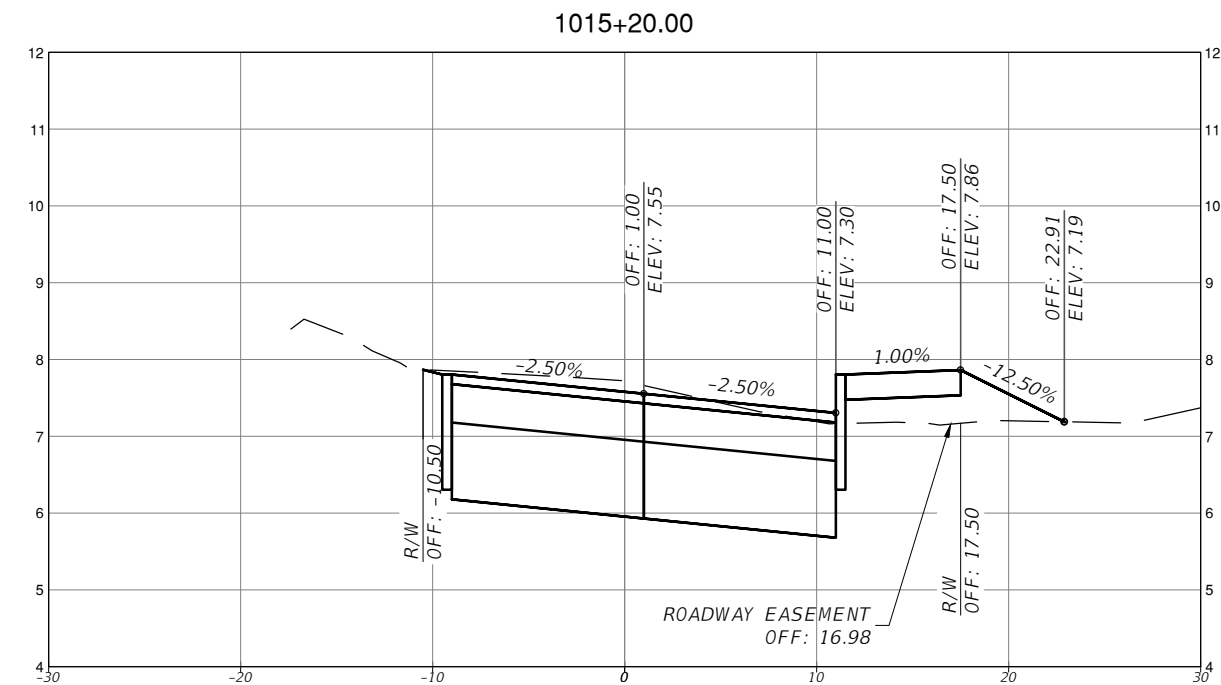
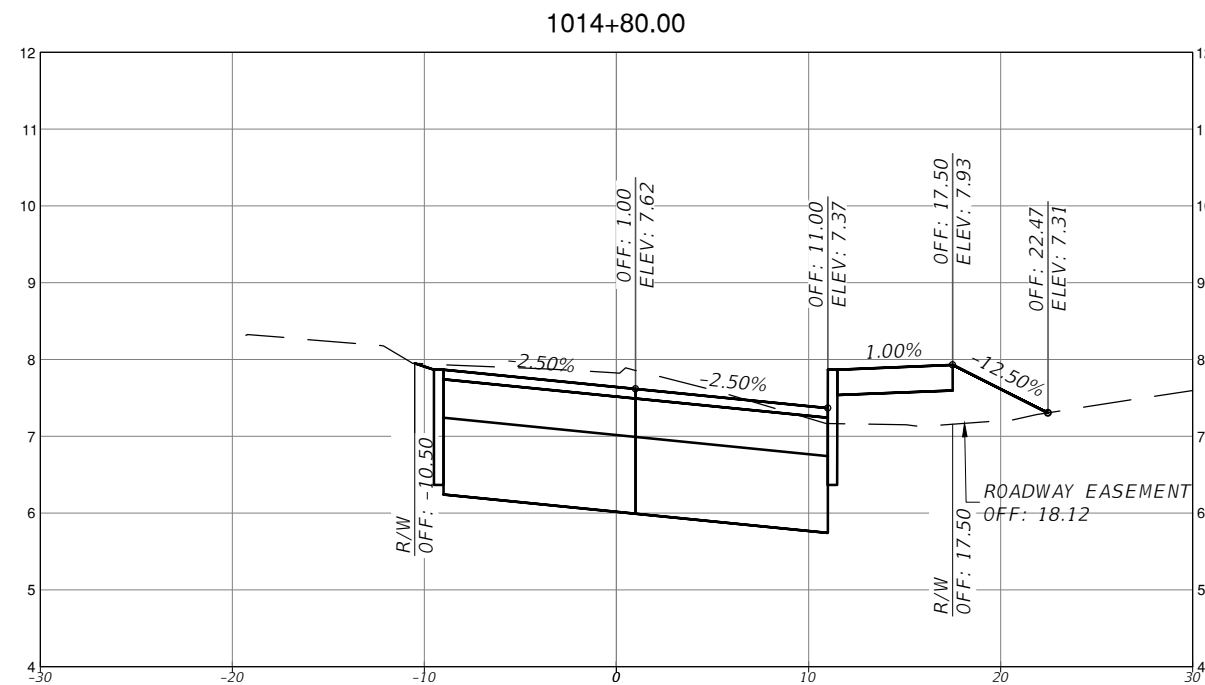
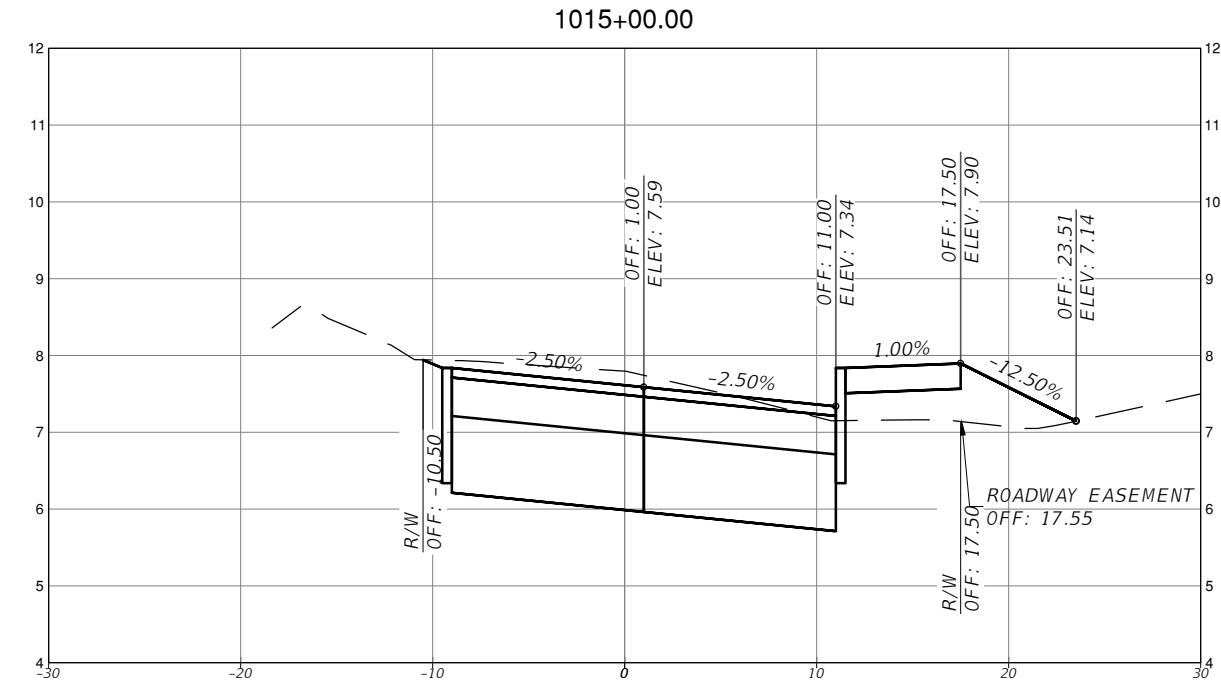
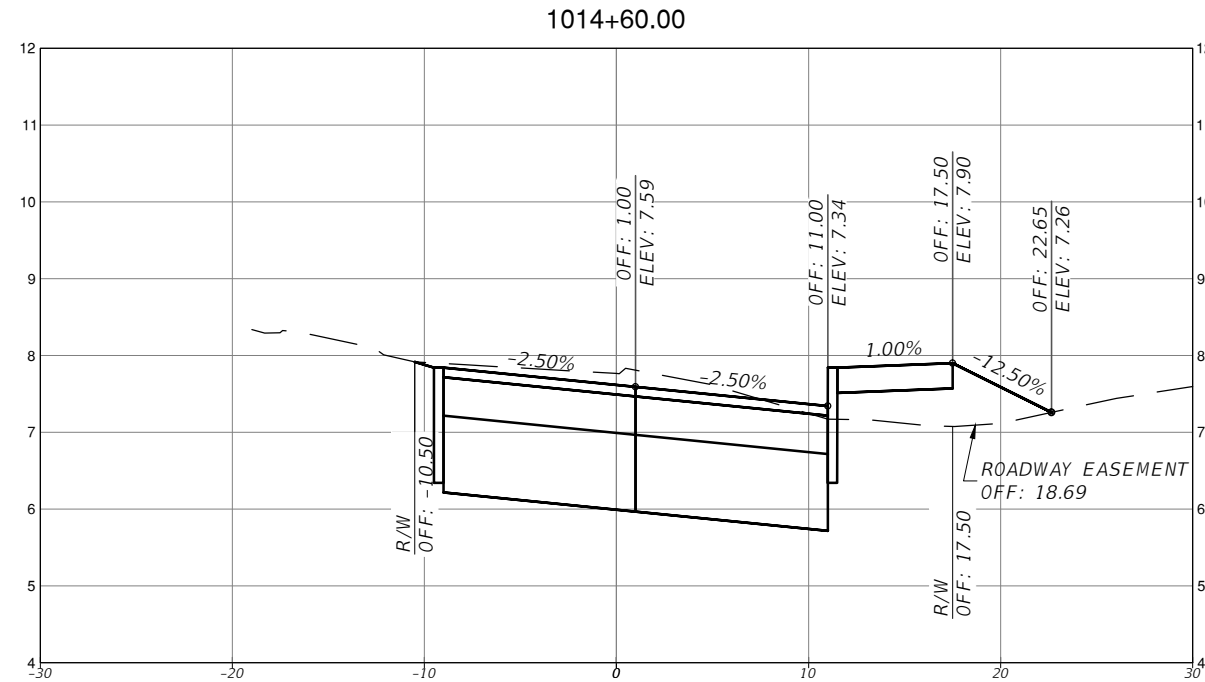


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (12 OF 30)

SHEET NO.
 C-7.12



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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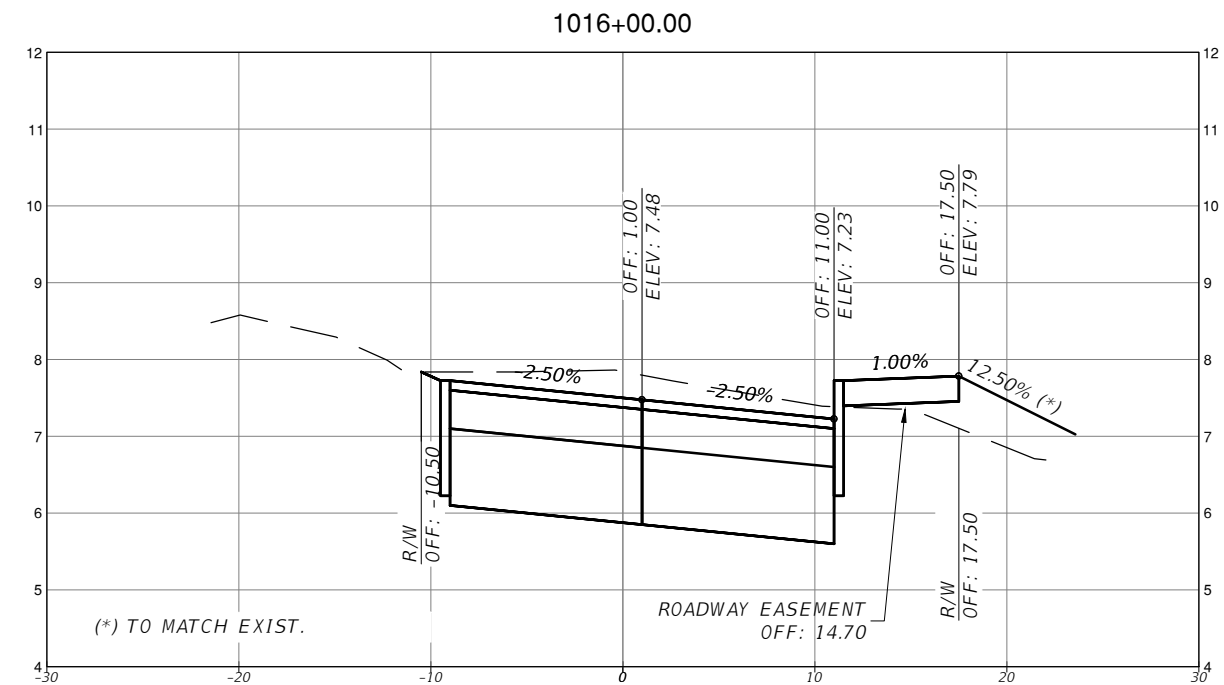
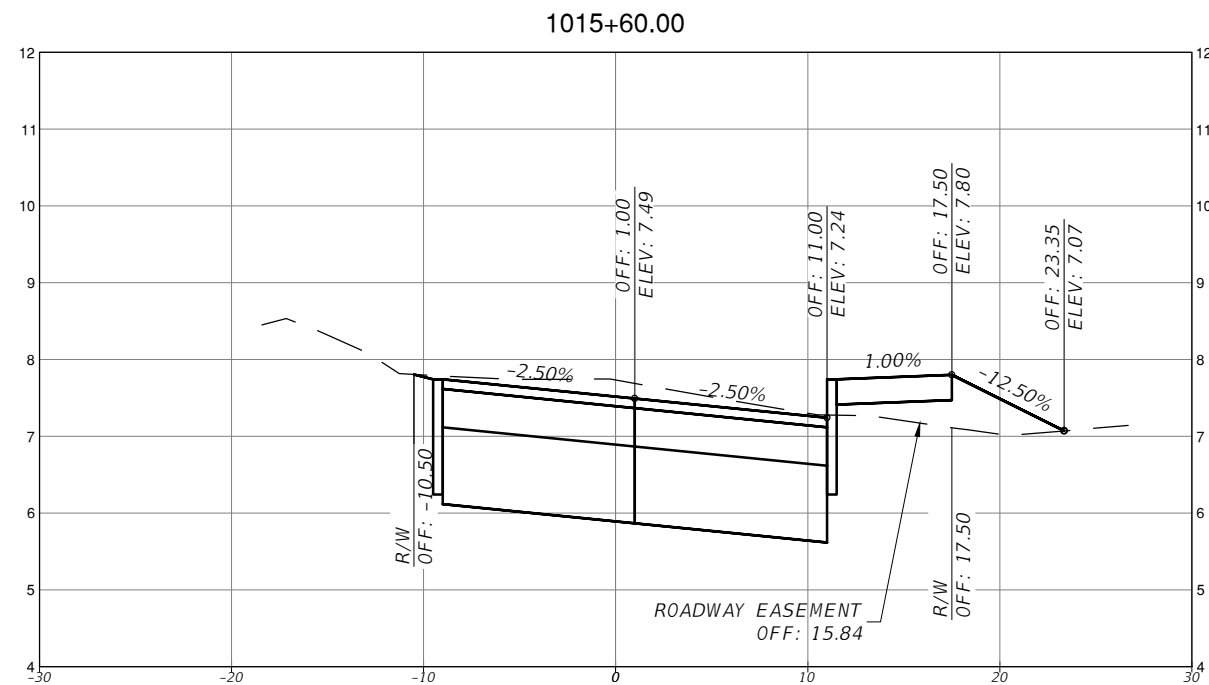
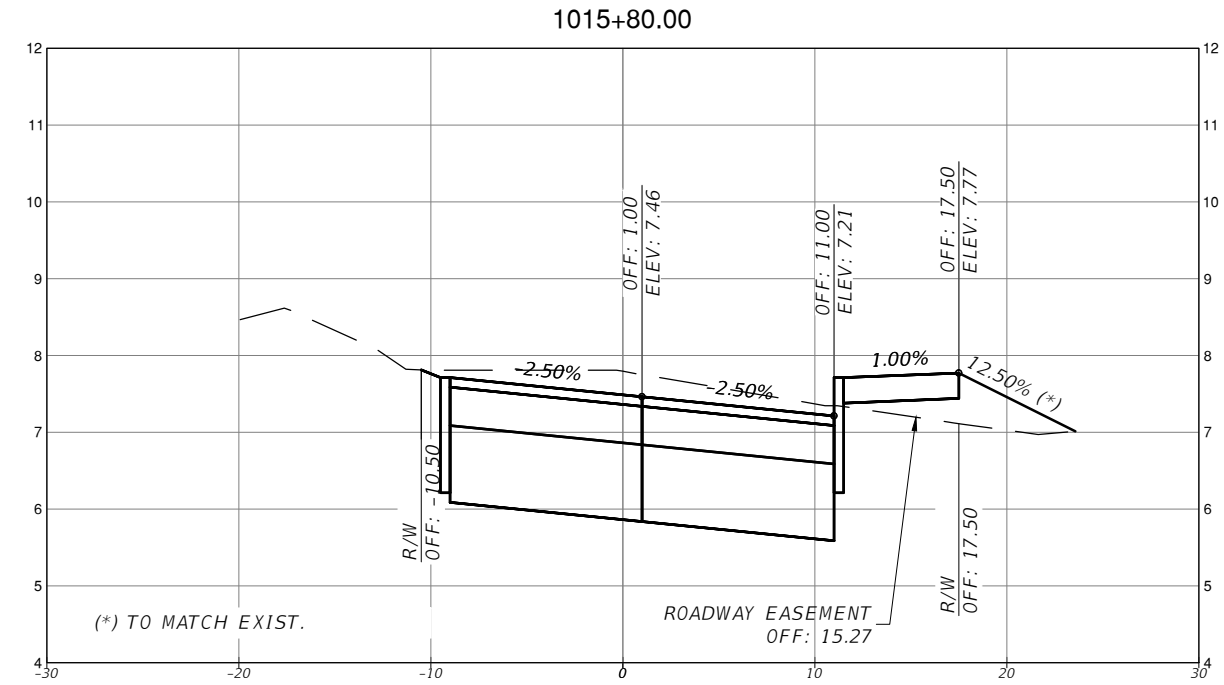
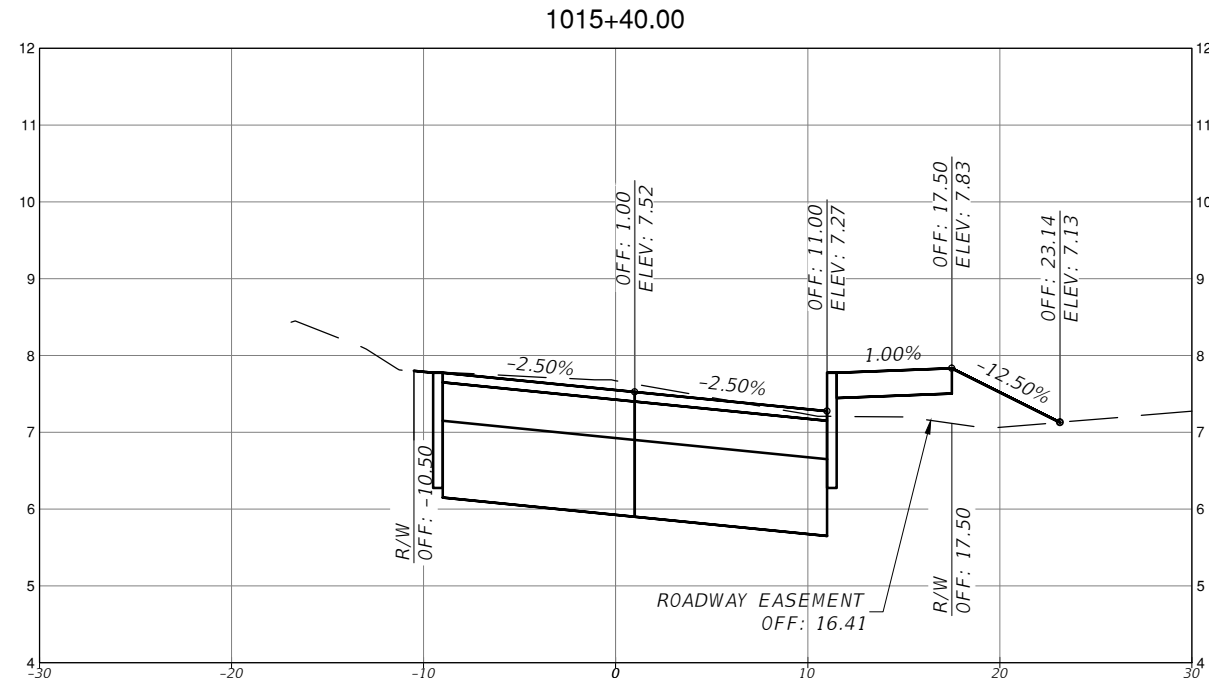


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(13 OF 30)

SHEET NO.

C-7.13



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



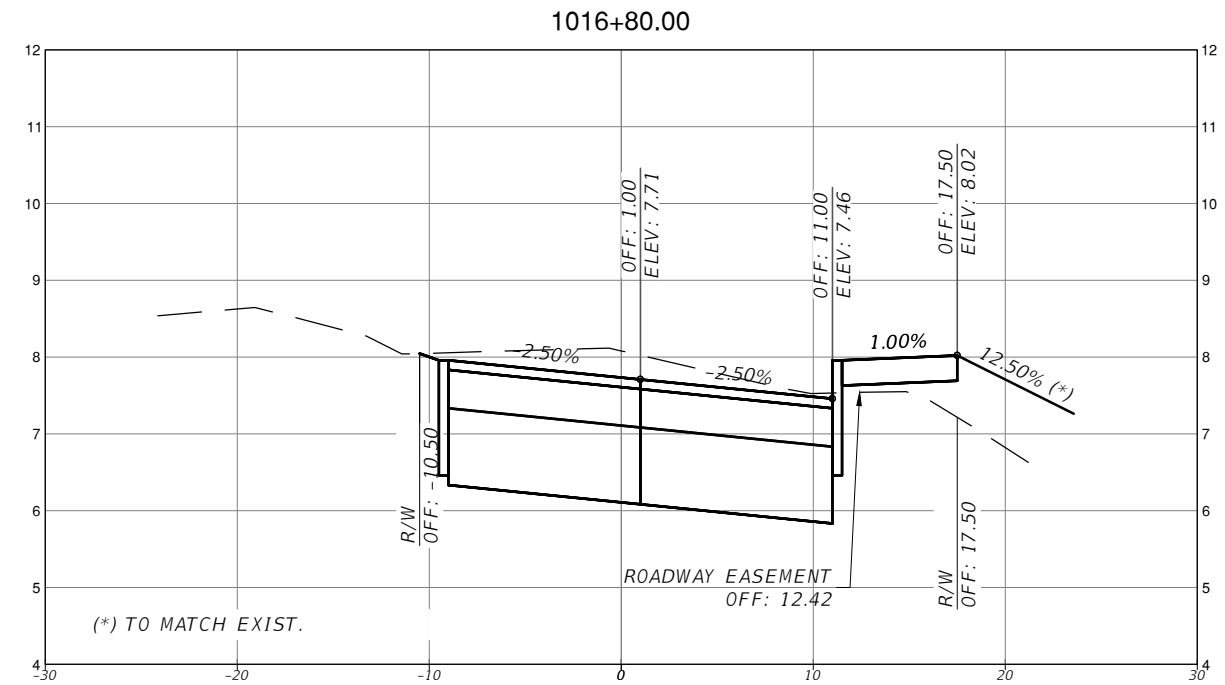
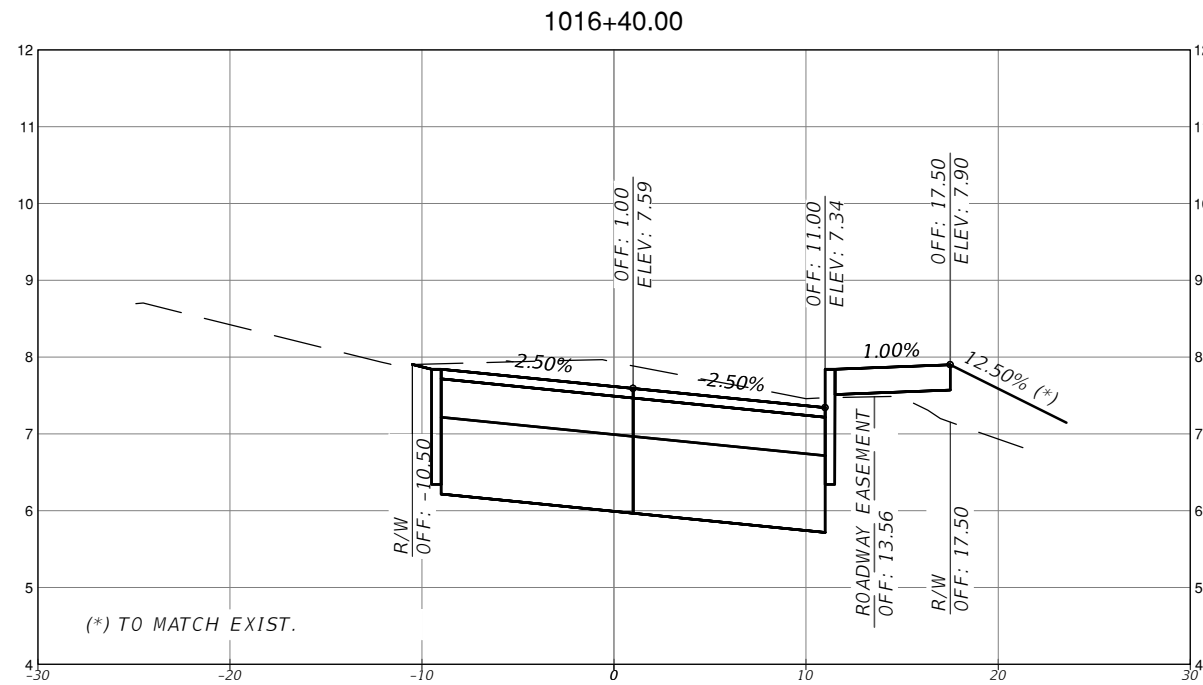
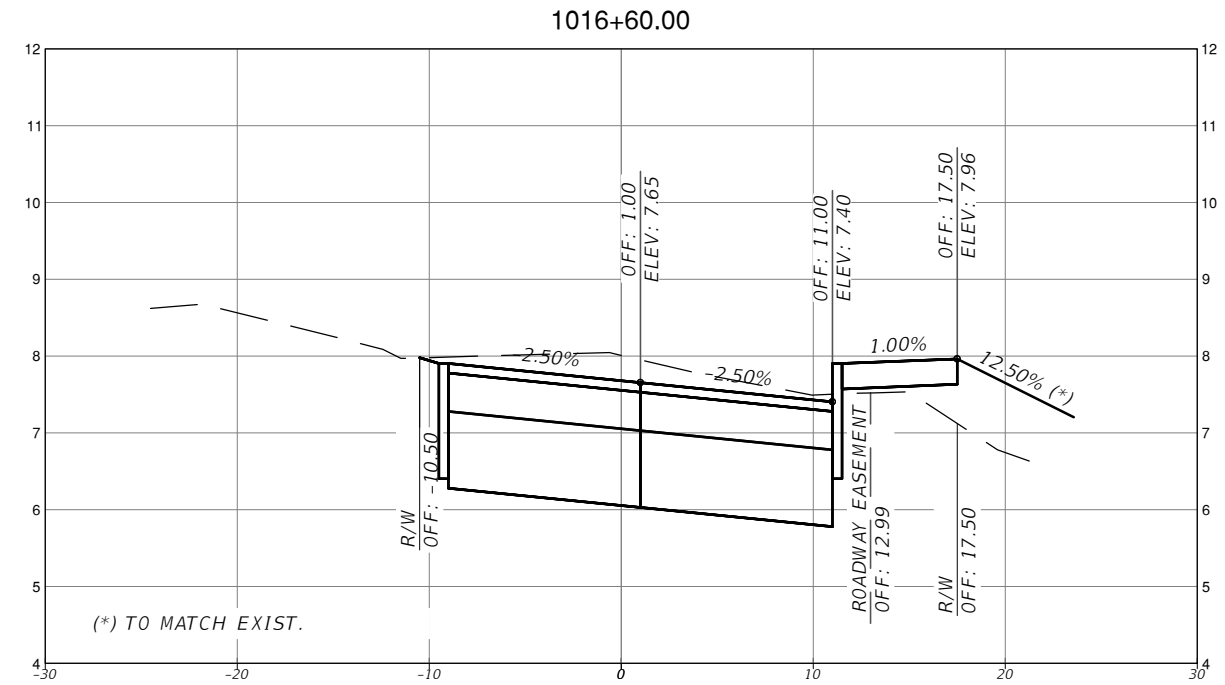
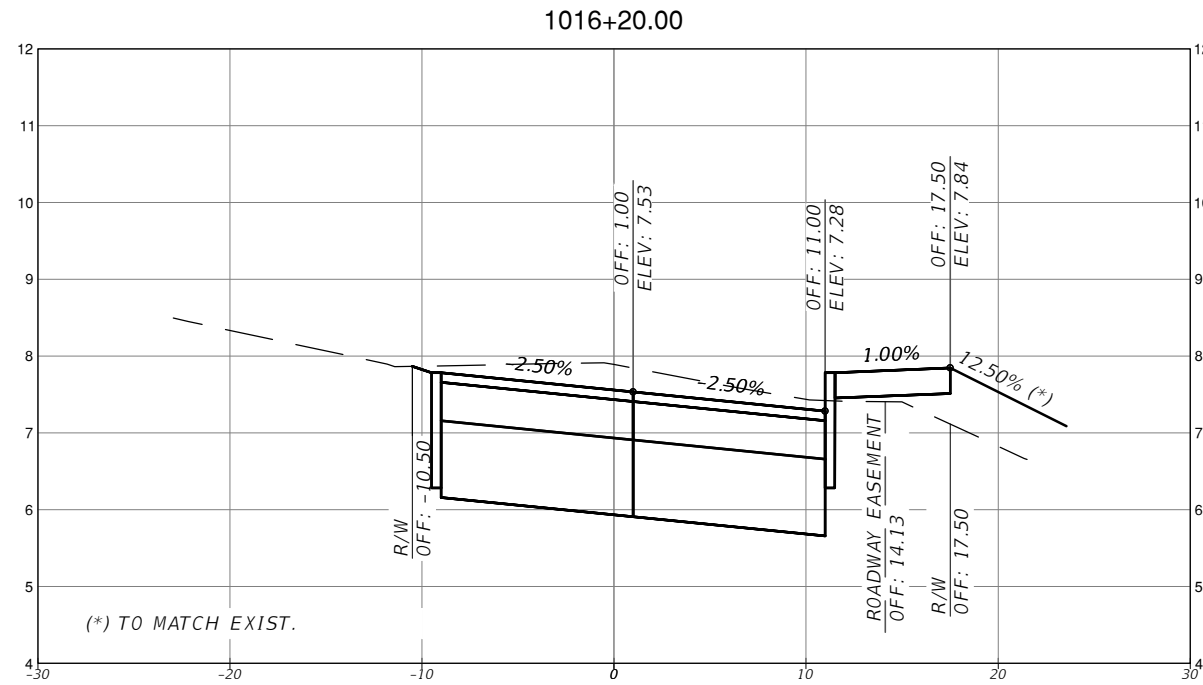
MICHAEL ADEIFE, P.E.
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(14 OF 30)

SHEET NO.
C-7.14



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



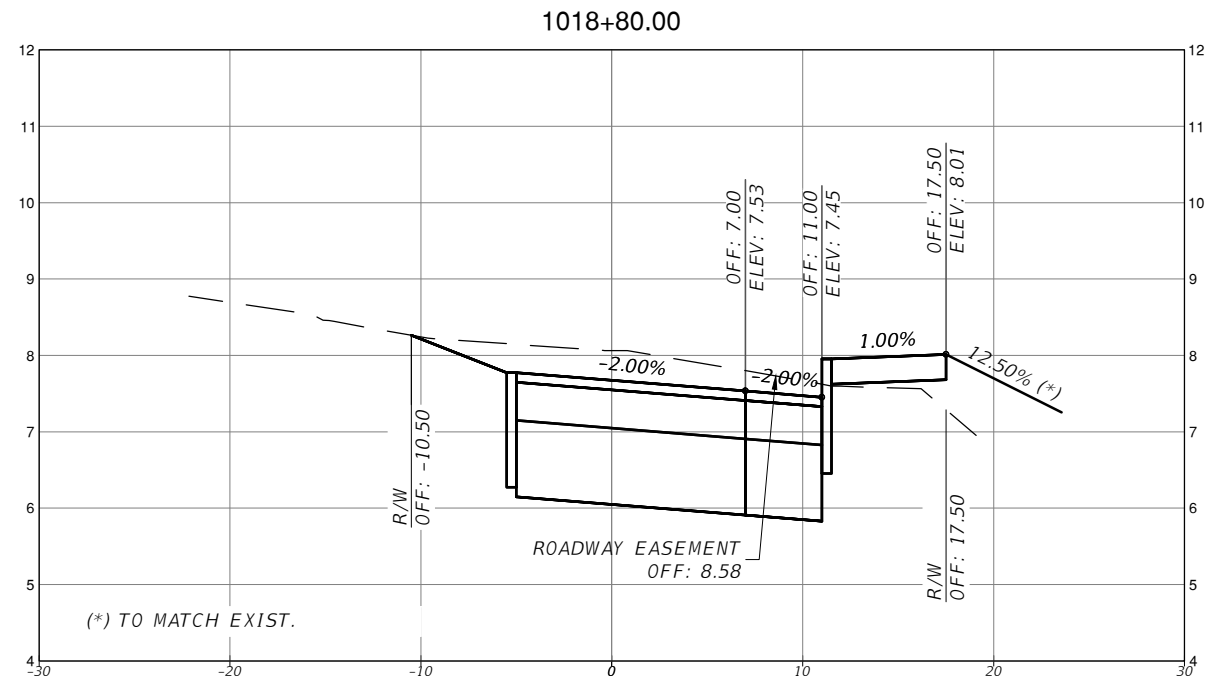
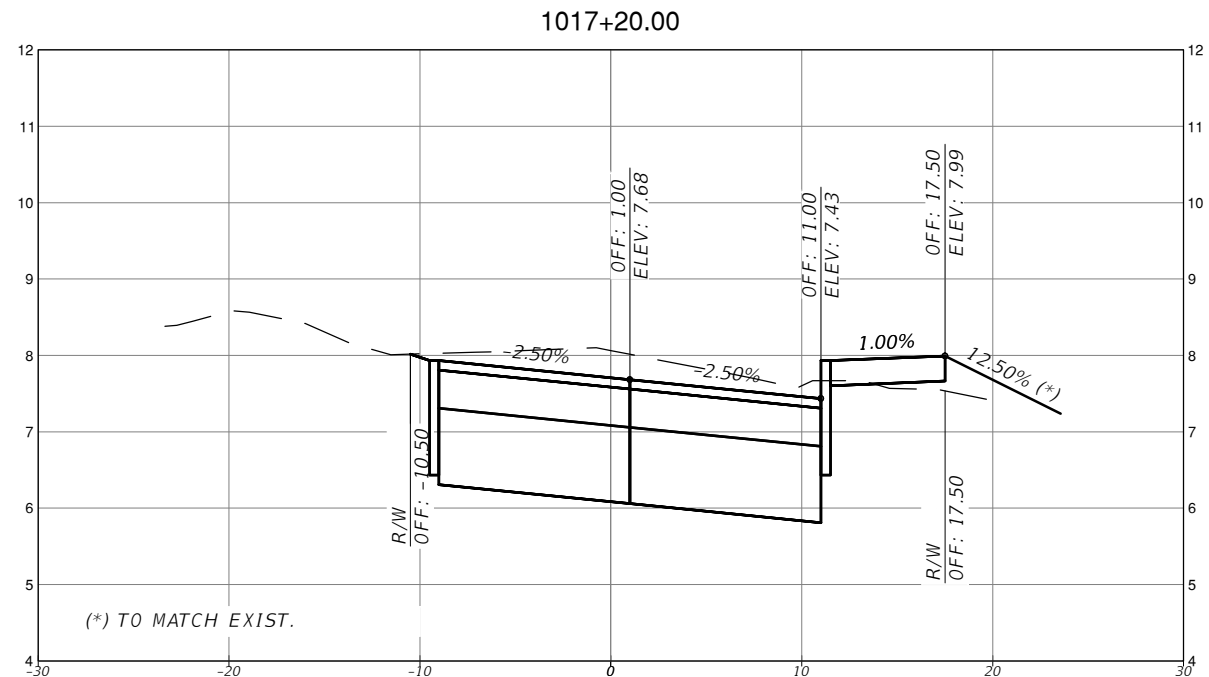
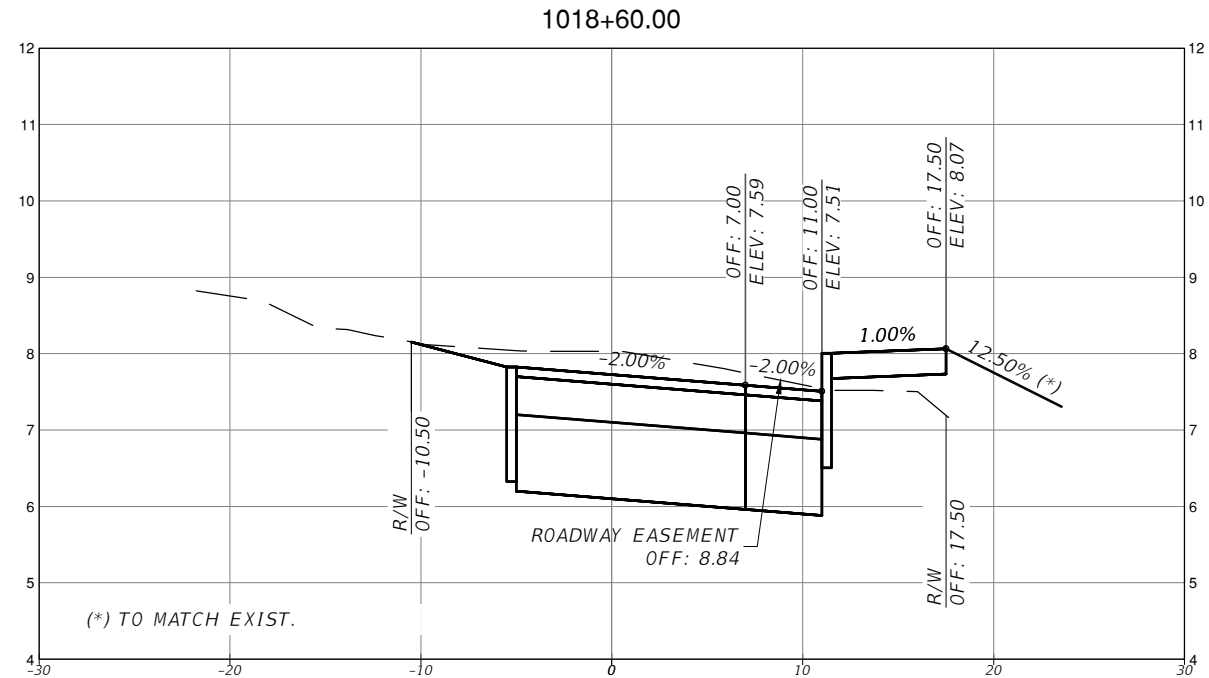
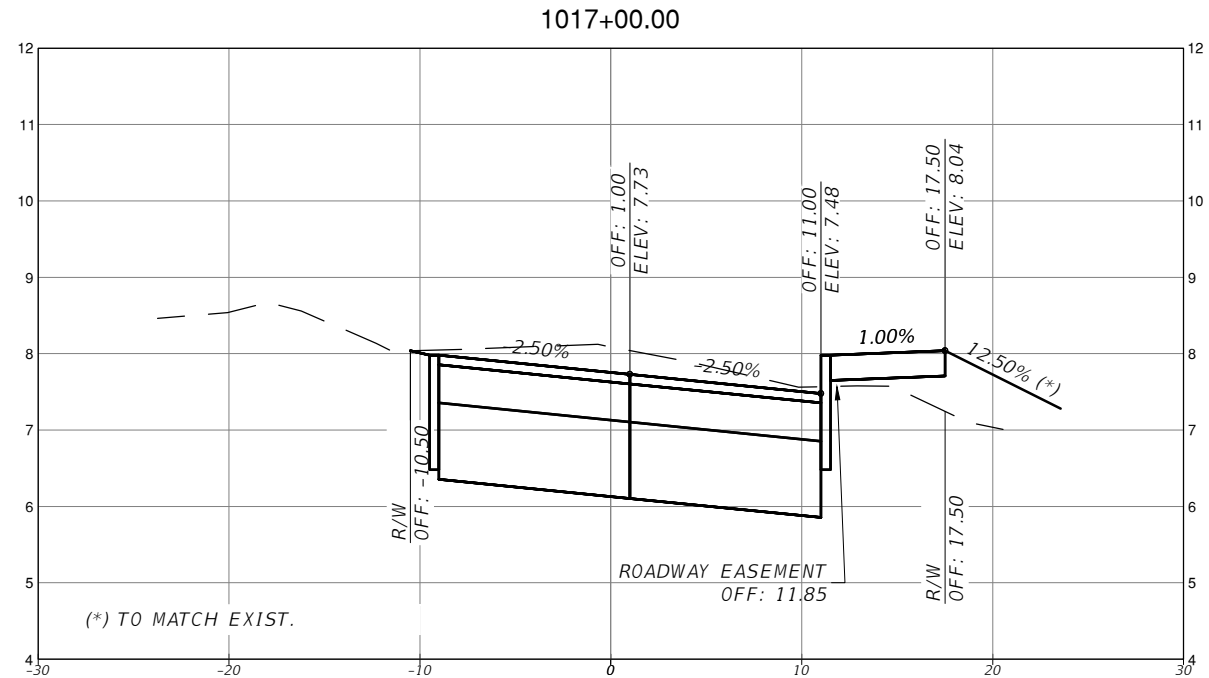
MICHAEL ADEIFE, P.E.
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (15 OF 30)

SHEET NO.
 C-7.15



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
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 MIAMI, FL 33126
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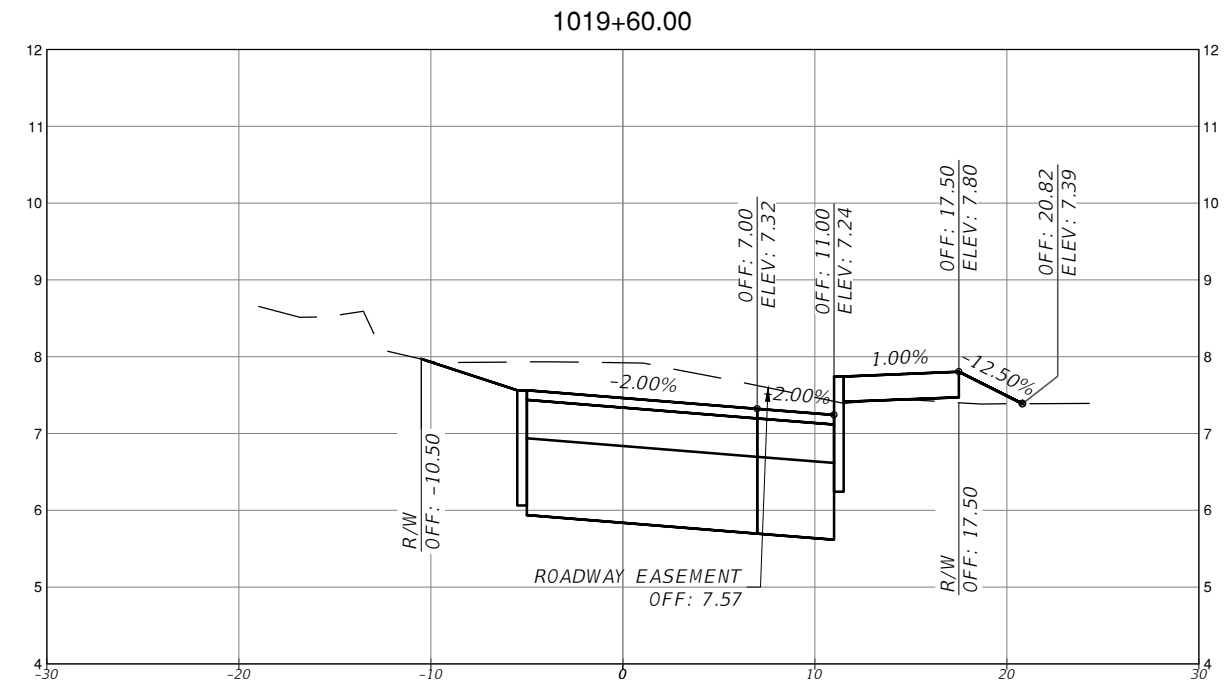
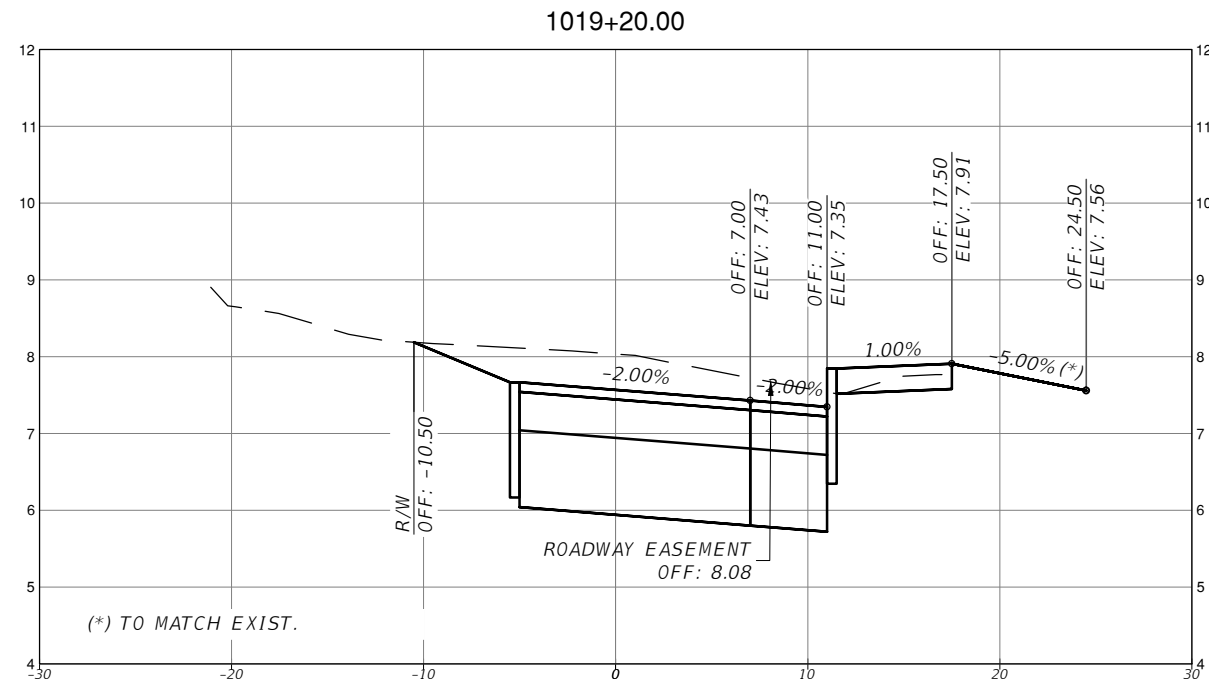
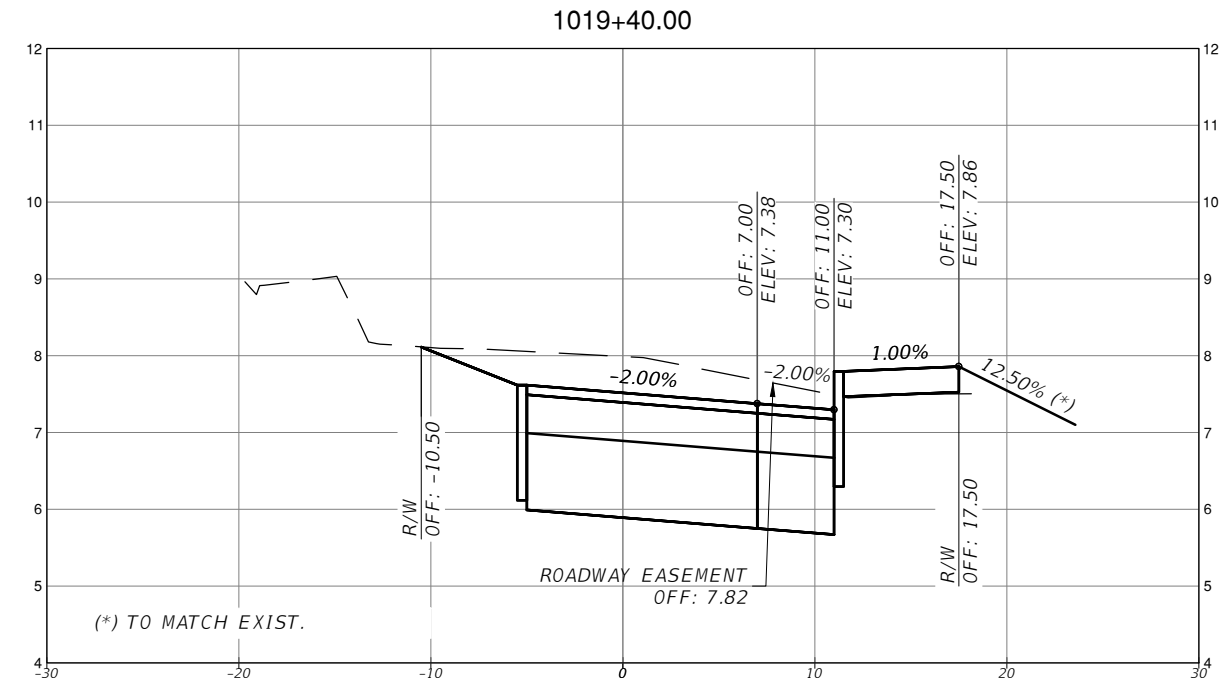
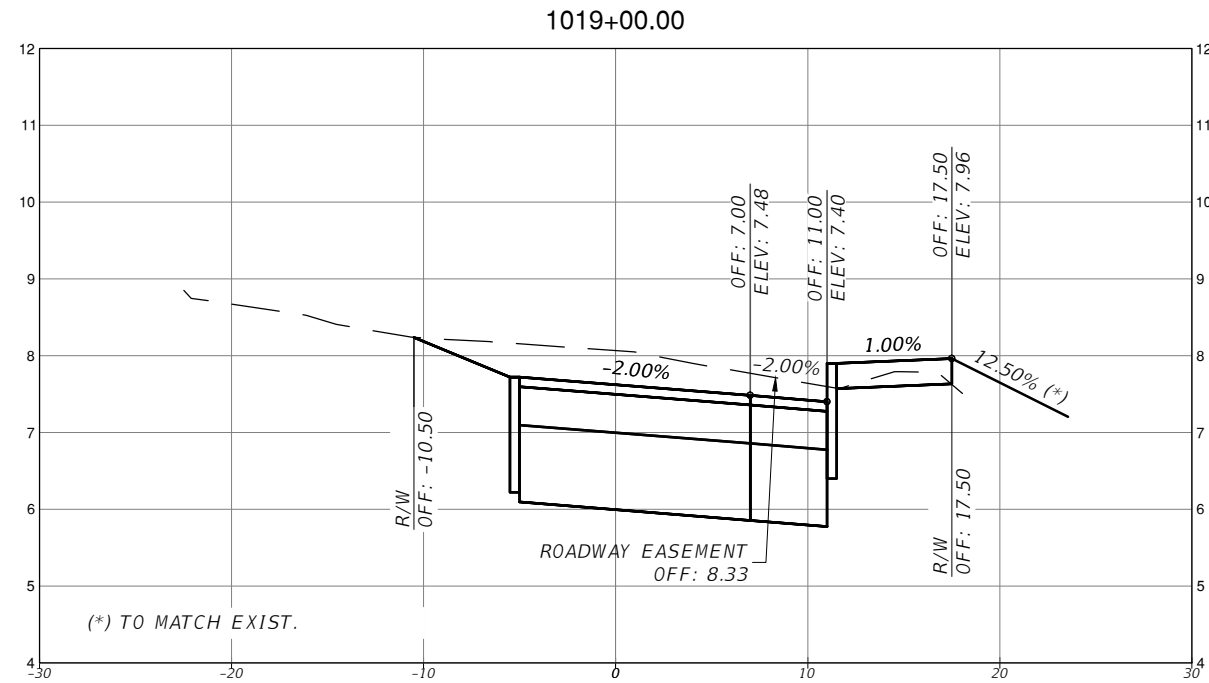


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (16 OF 30)

SHEET NO.
 C-7.16



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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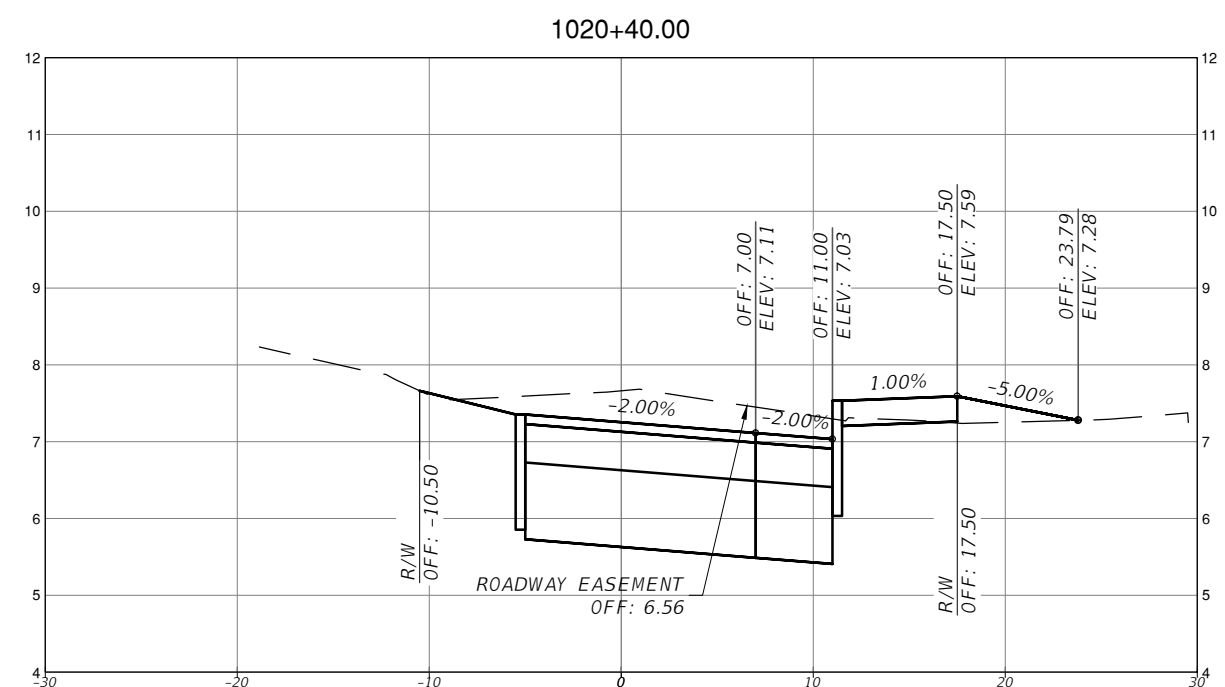
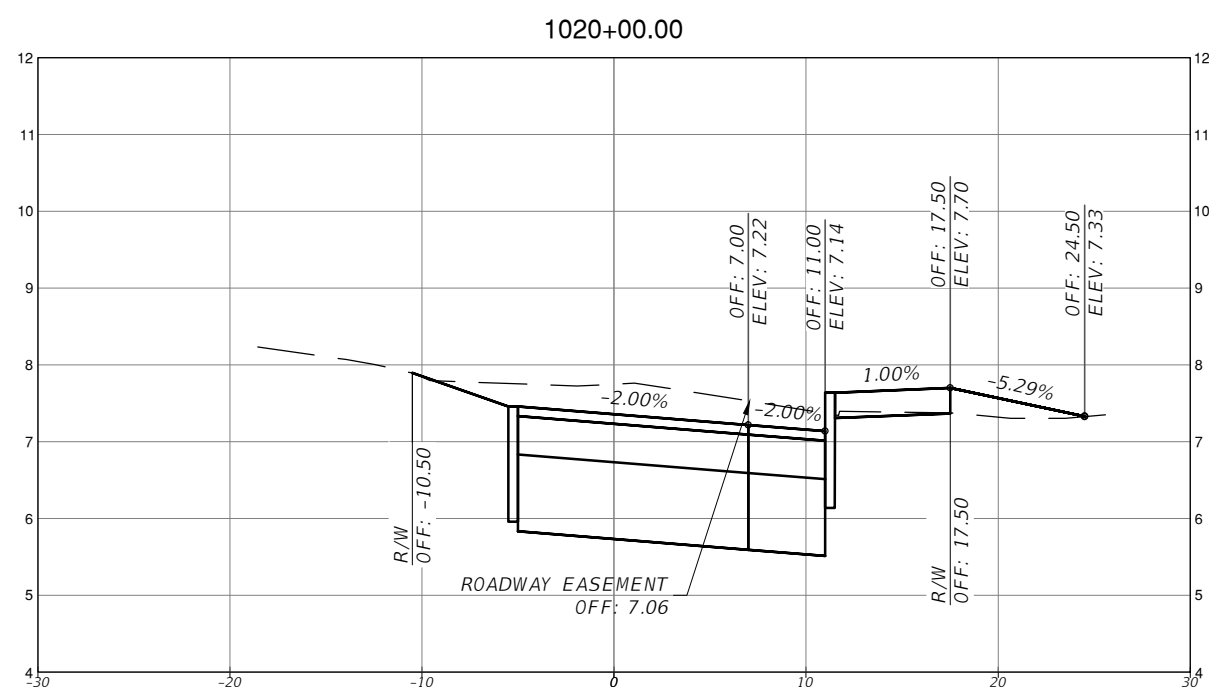
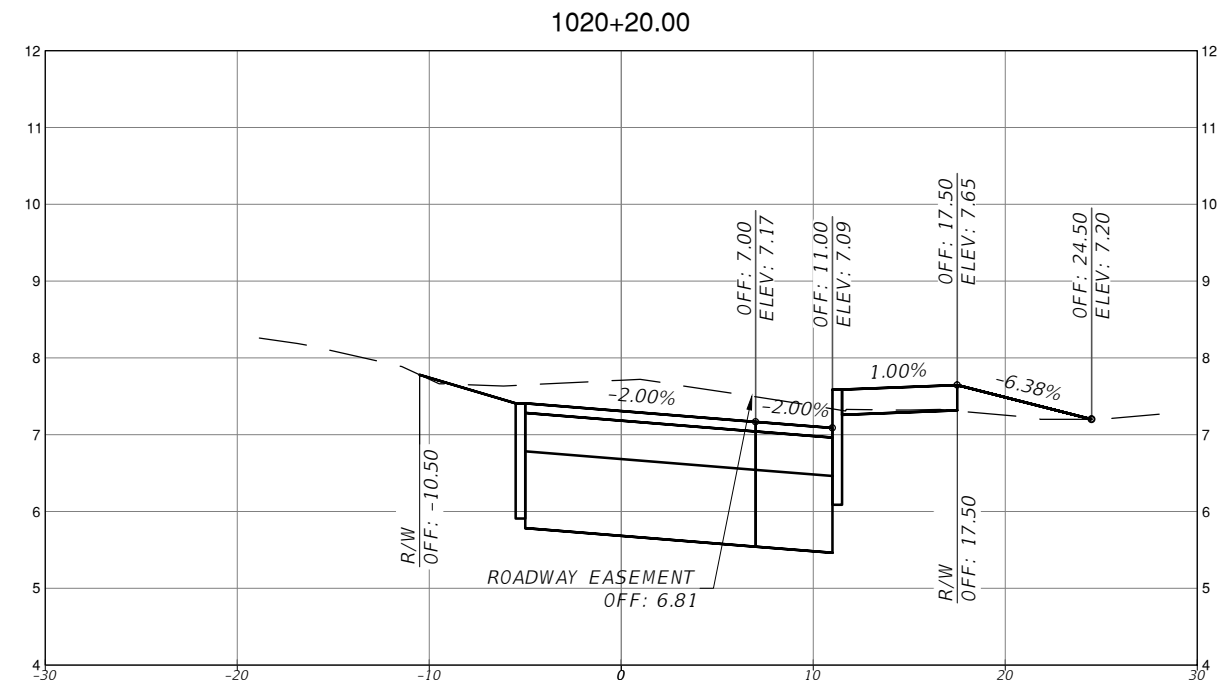
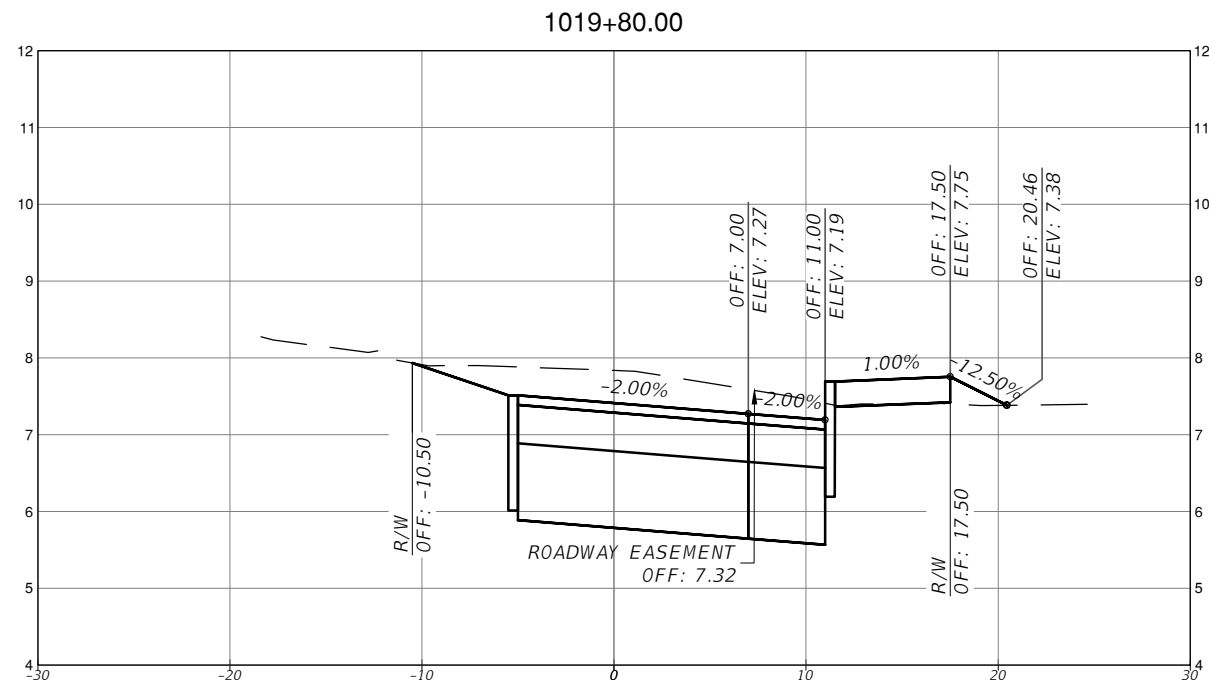


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(17 OF 30)

SHEET NO.
C-7.17



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NO. 56094
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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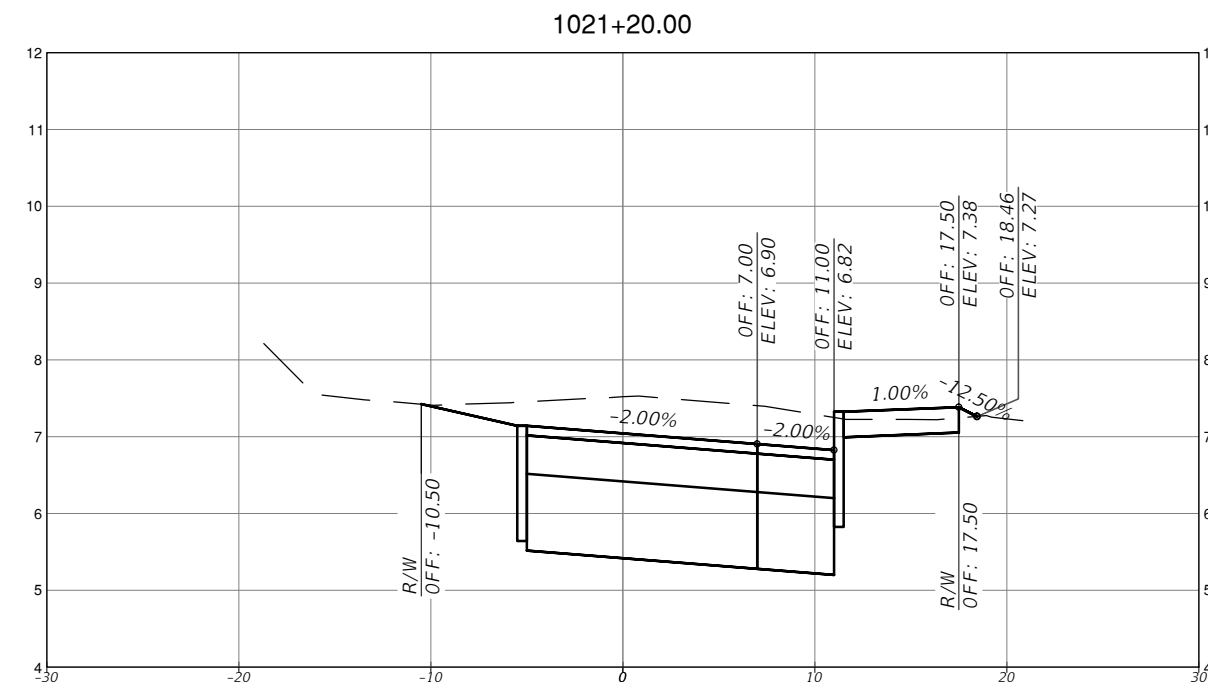
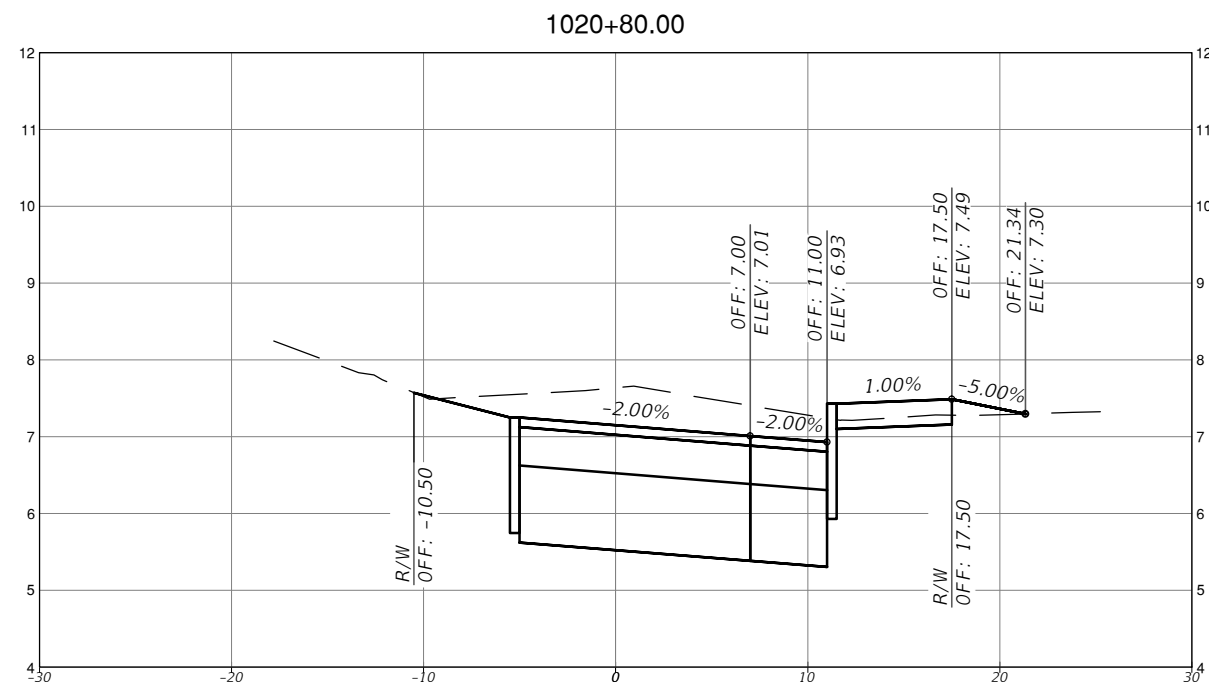
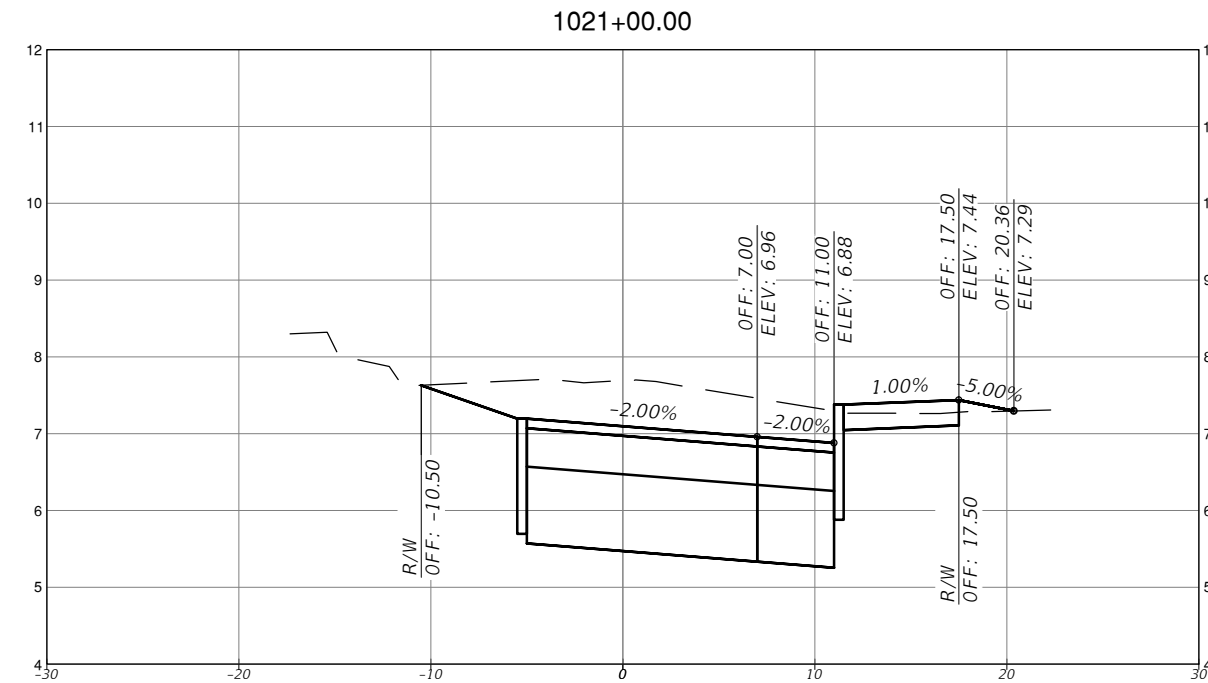
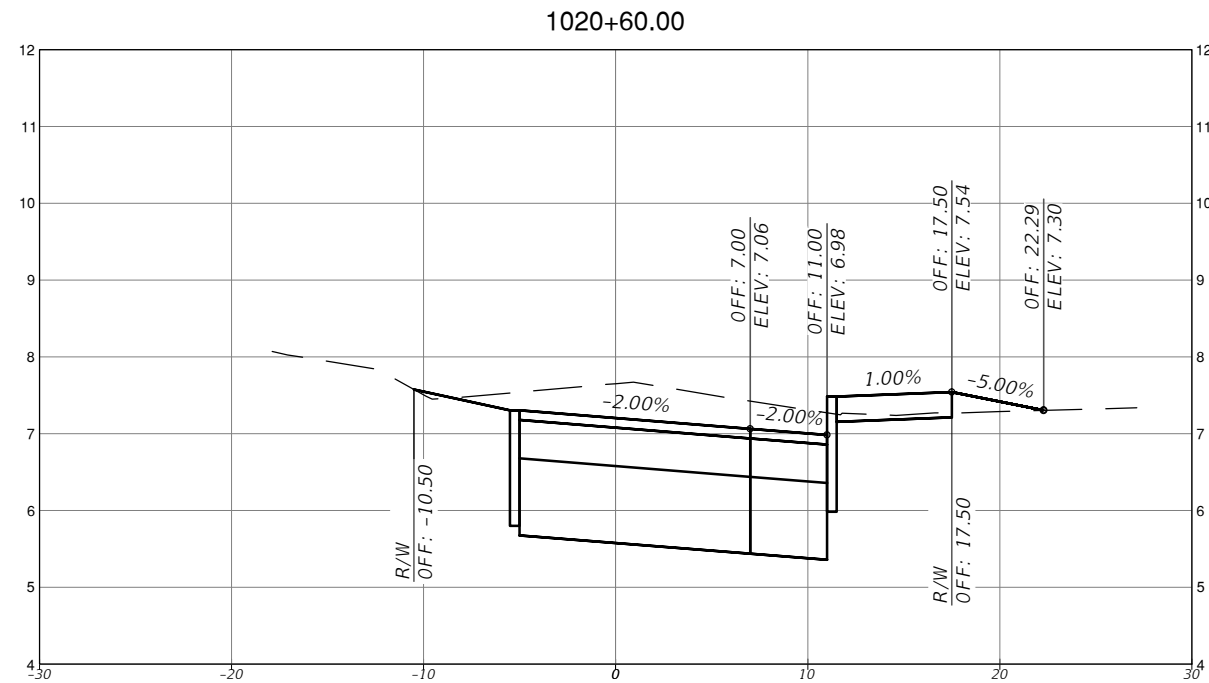


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (18 OF 30)

SHEET NO.
 C-7.18



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



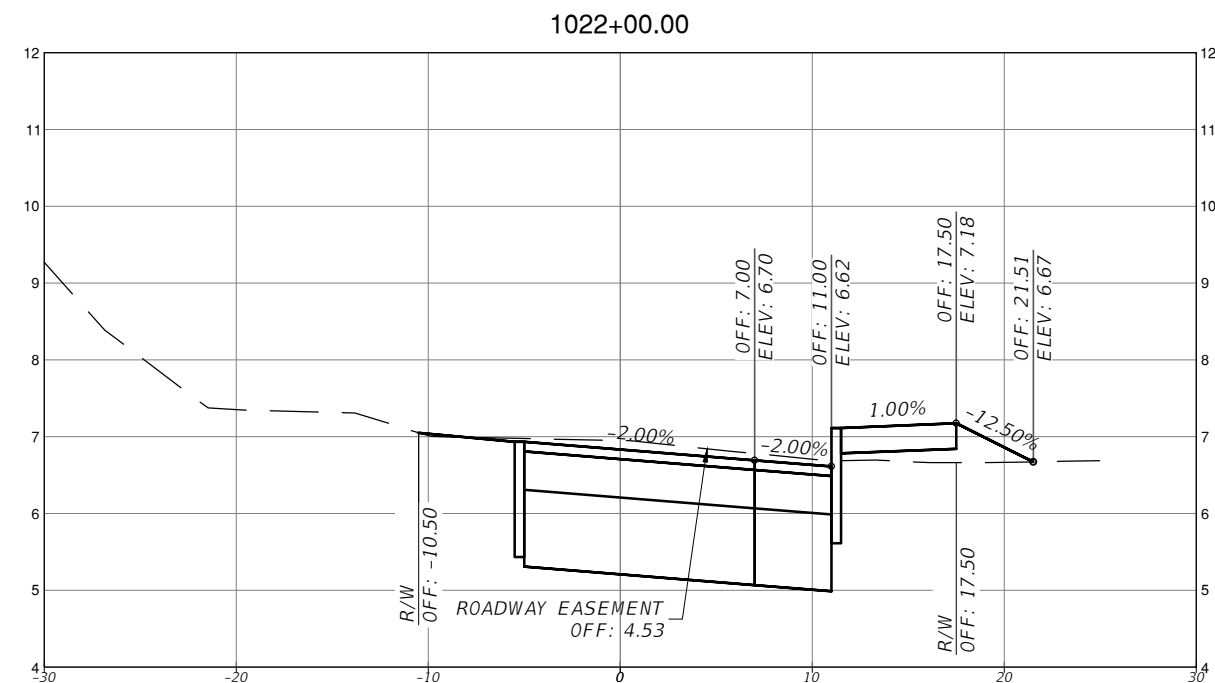
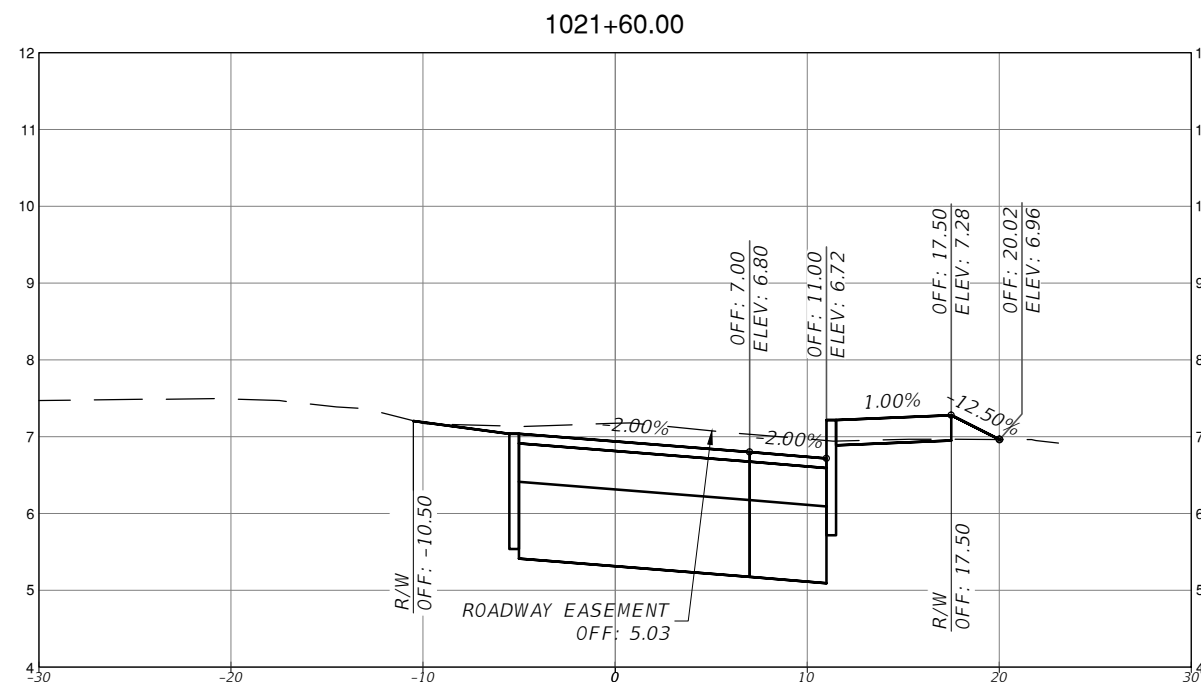
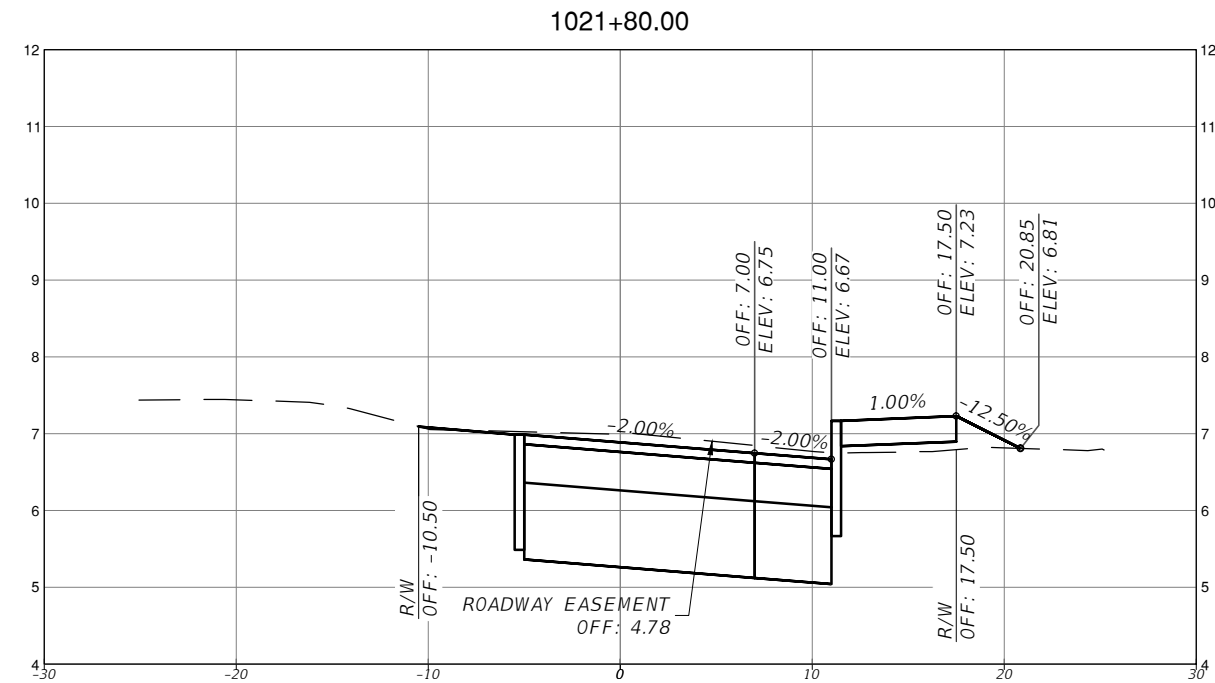
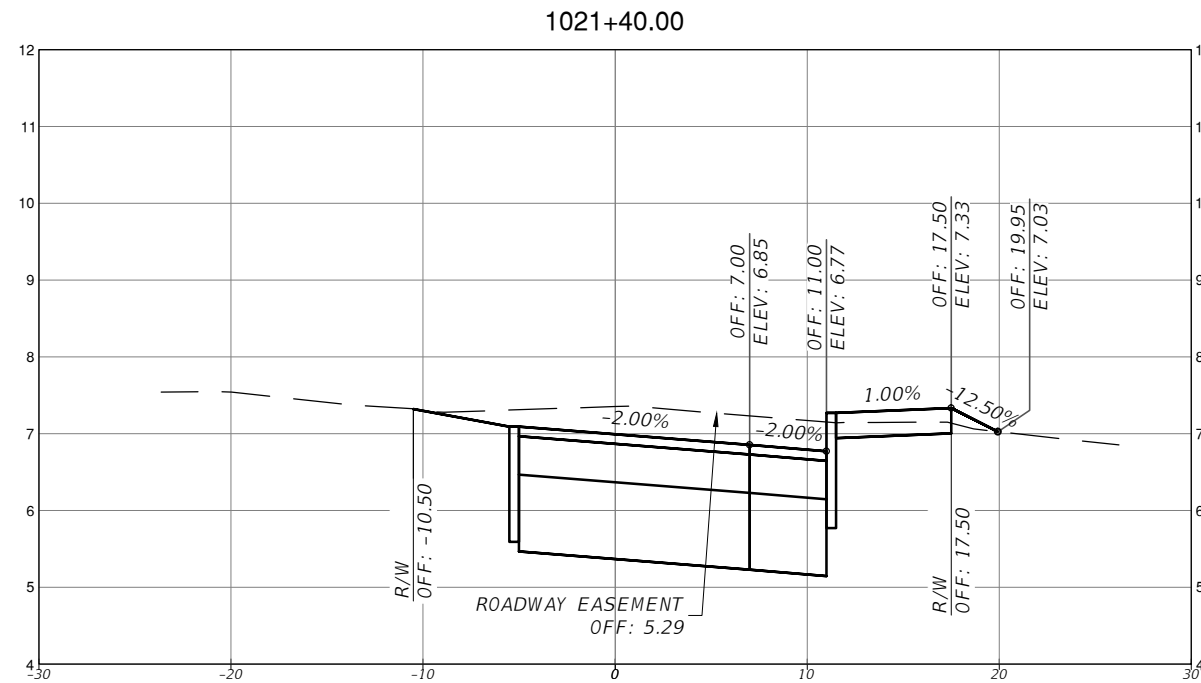
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 P.E. LICENSE NO. 56094
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 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET
 COUNTY
 NW S RIVER DRIVE
 MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (19 OF 30)

SHEET NO.
 C-7.19



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



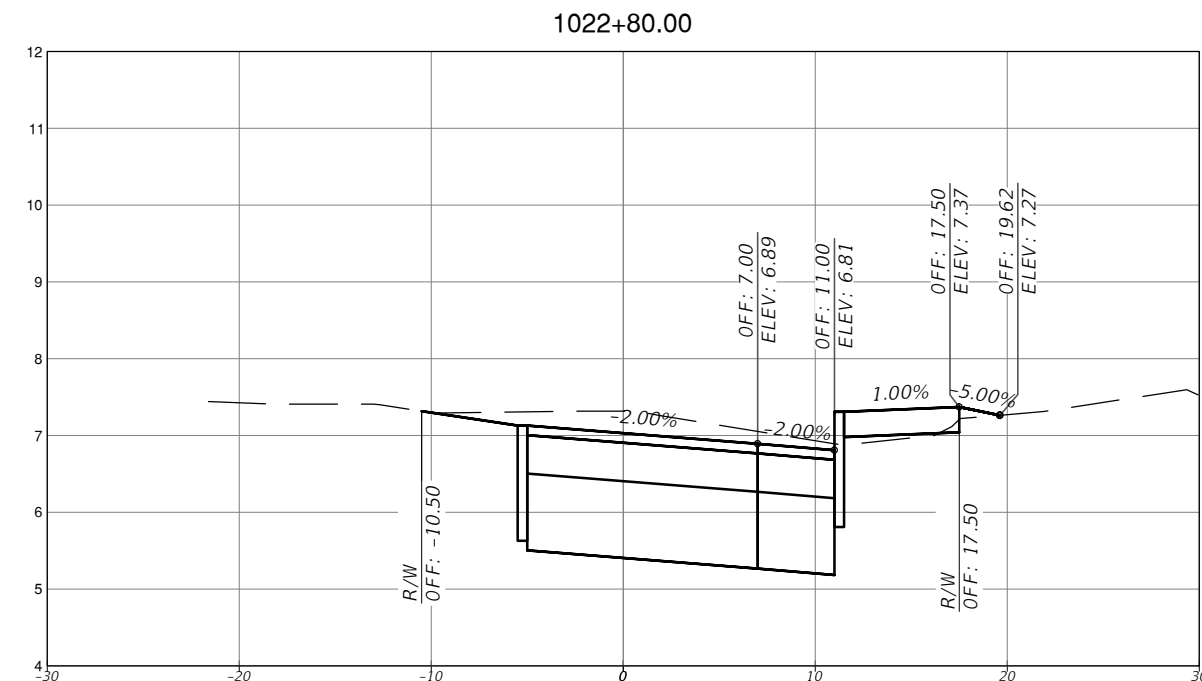
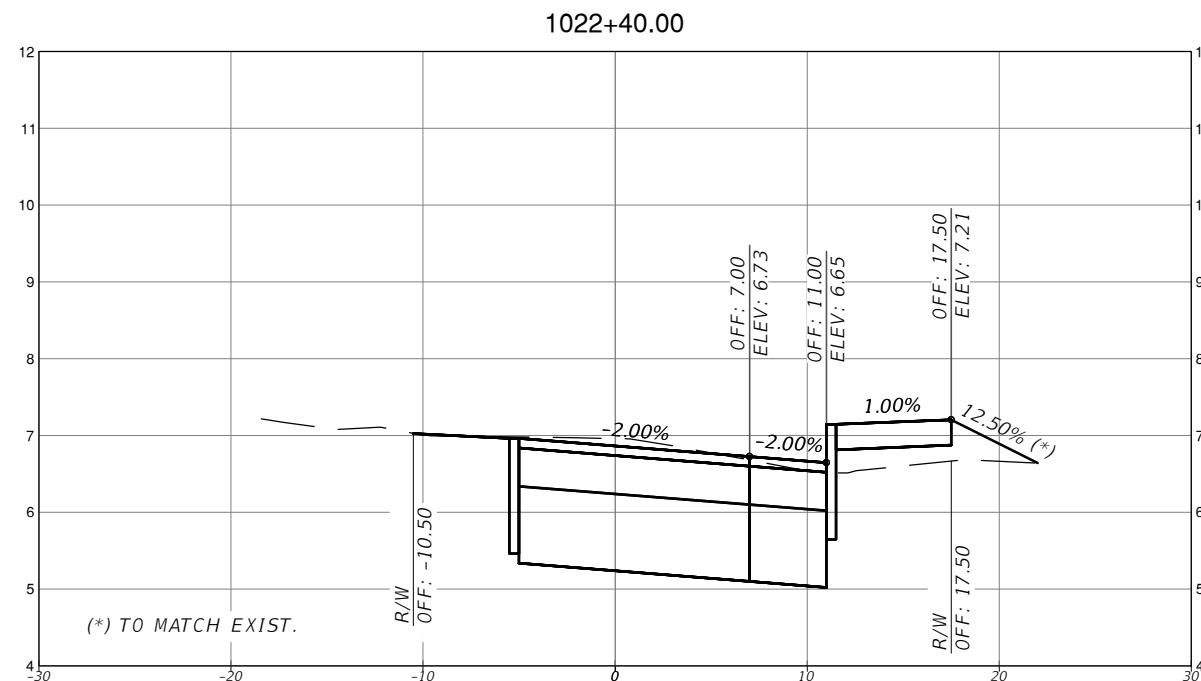
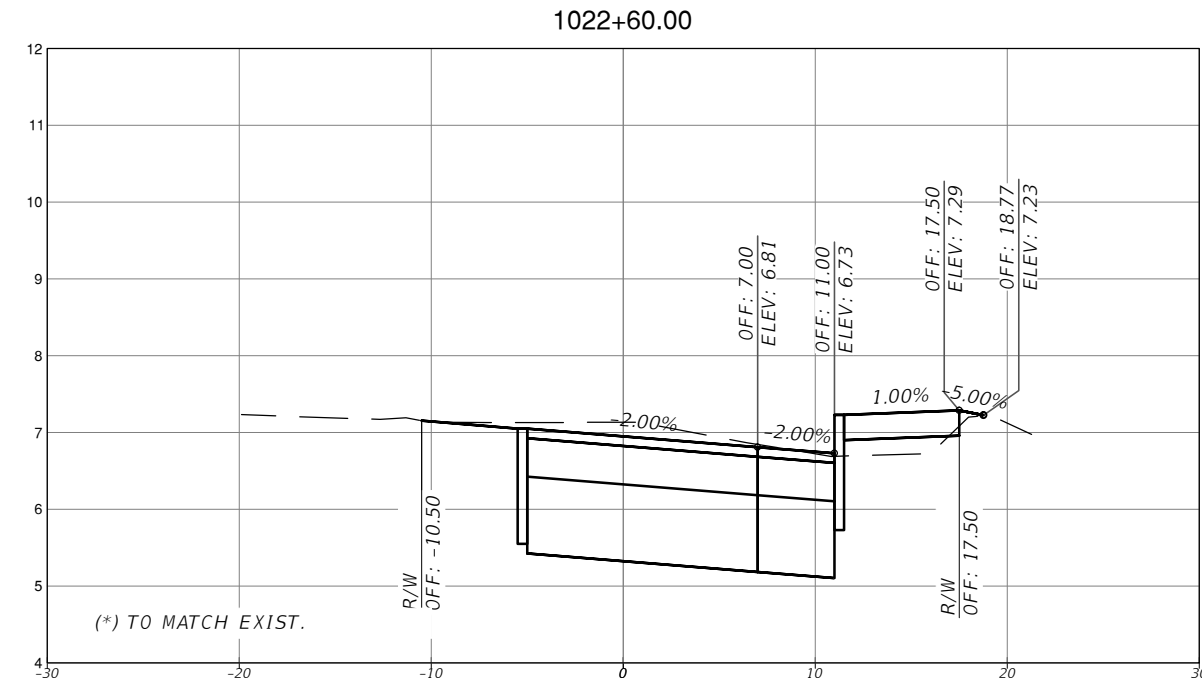
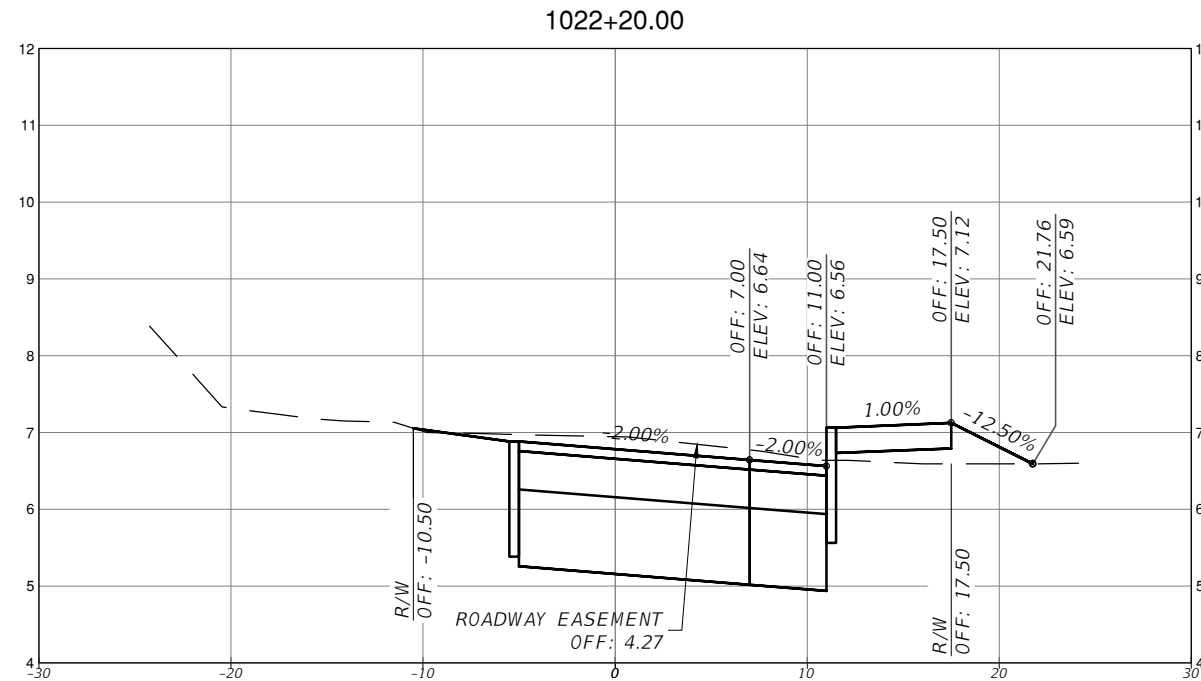
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P.E. LICENSE NO. 56094
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815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(20 OF 30)

SHEET NO.
C-7.20



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



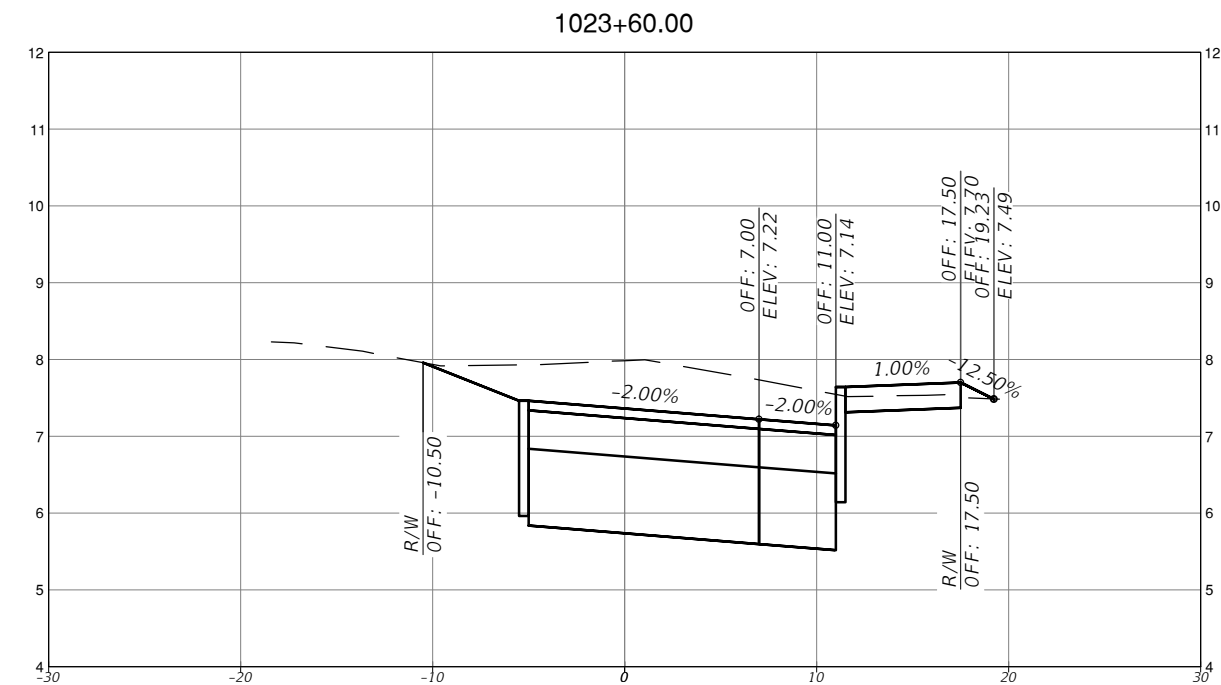
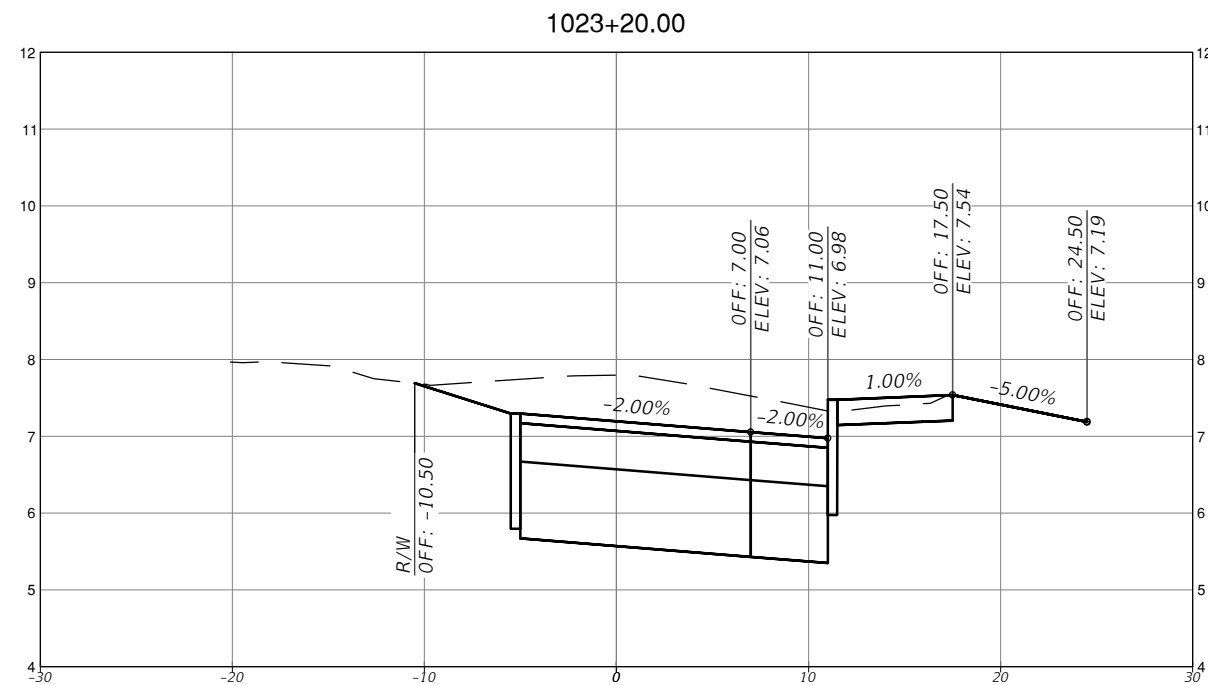
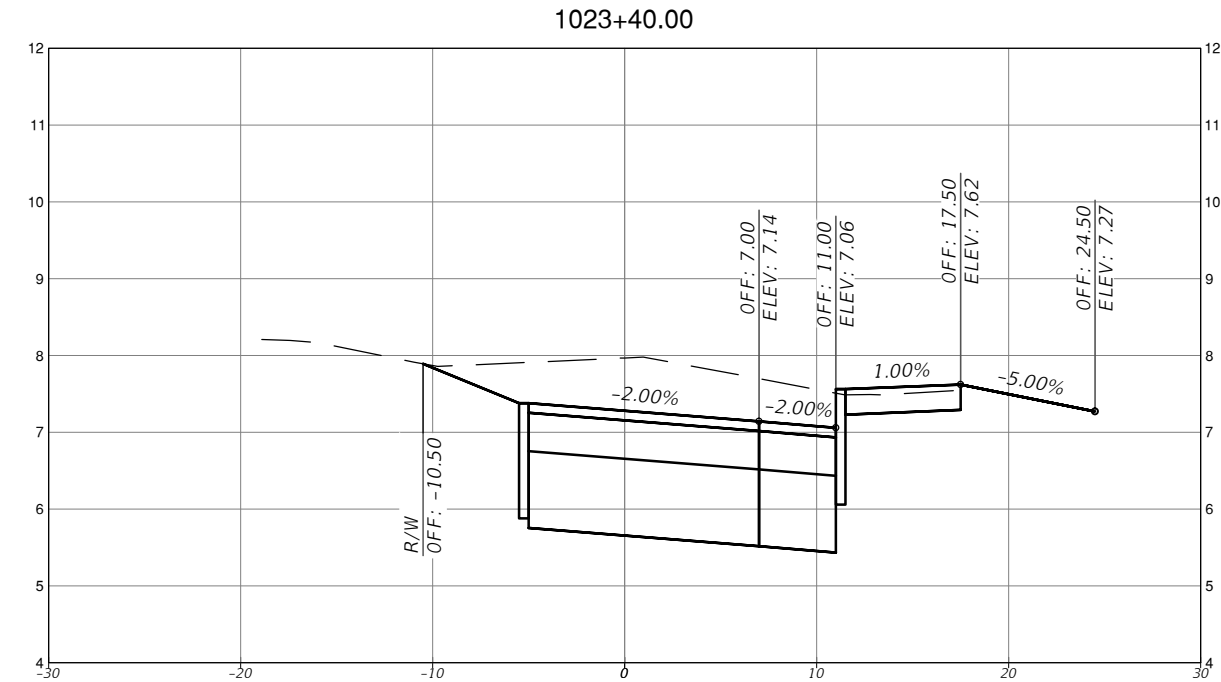
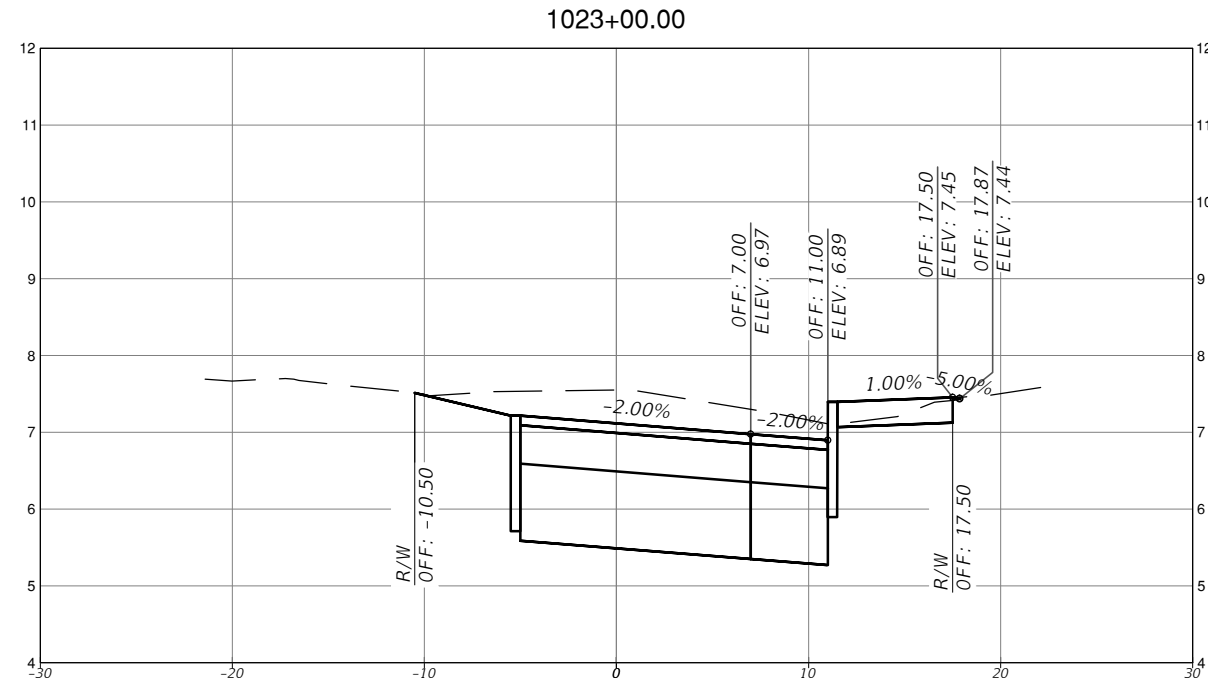
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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET COUNTY
NW S RIVER DRIVE MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(21 OF 30)

SHEET NO.
C-7.21



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



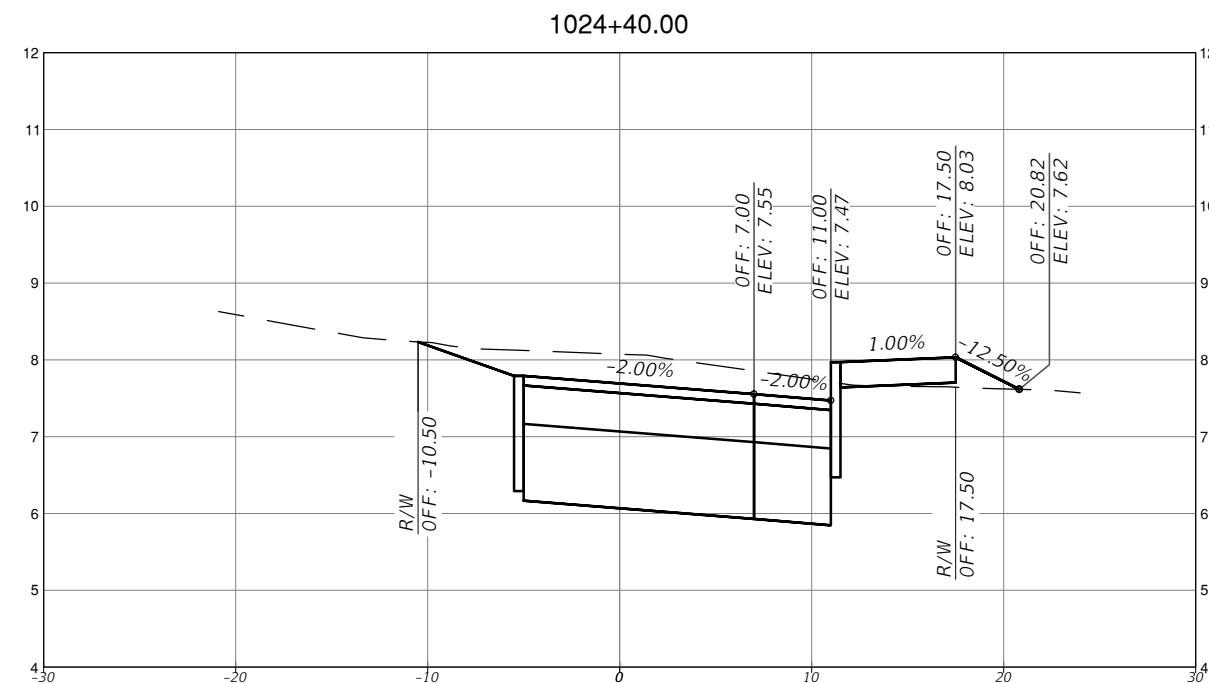
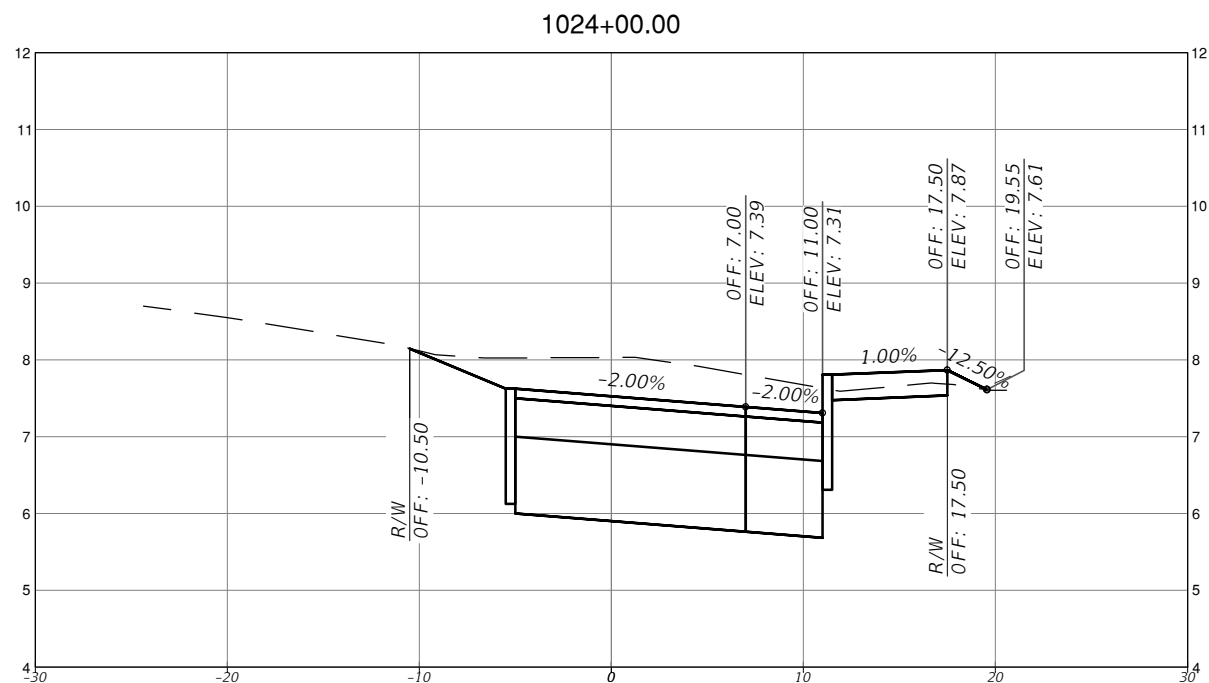
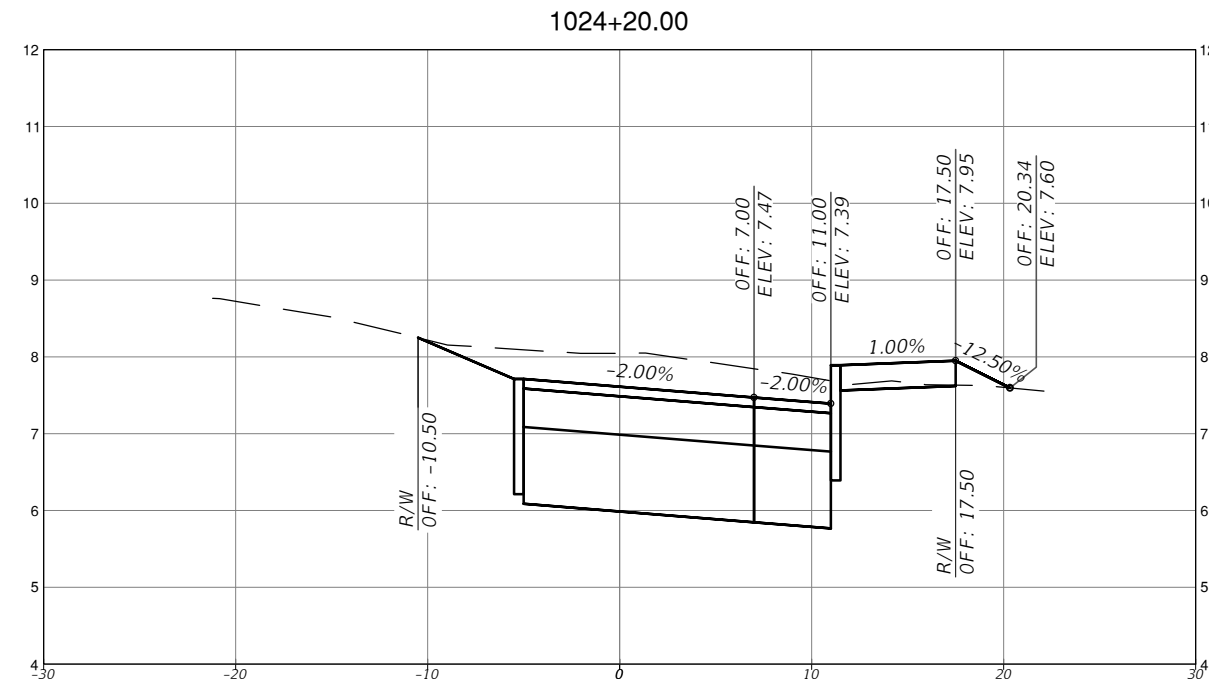
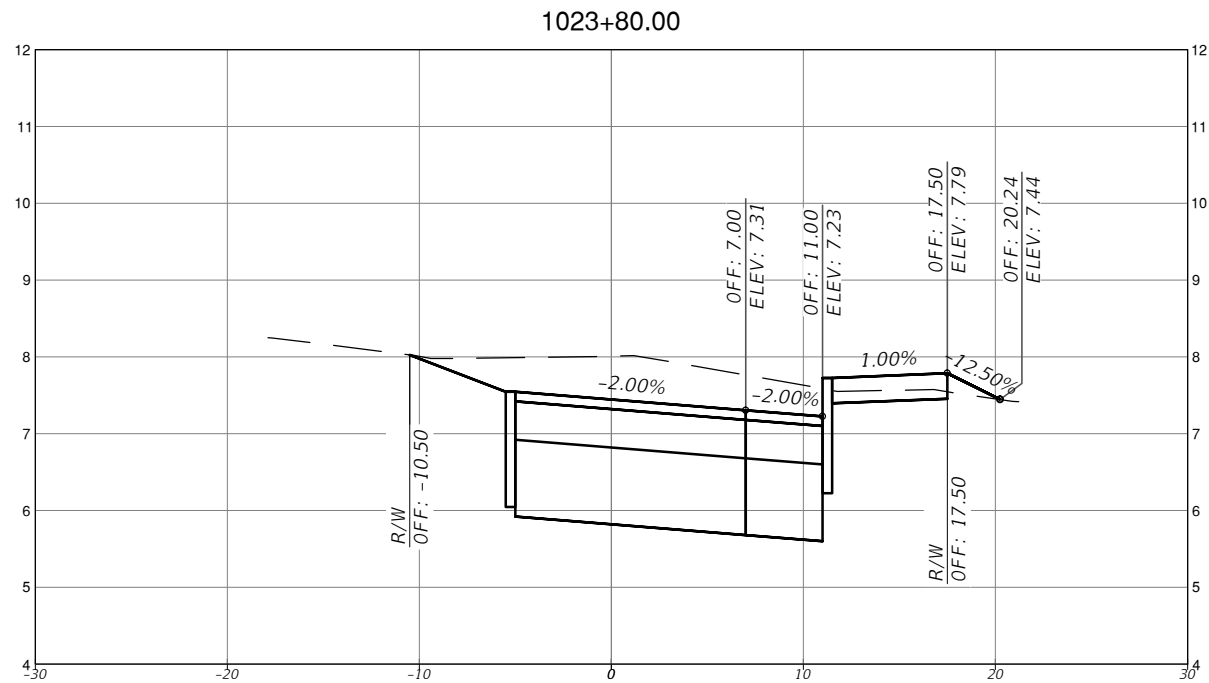
MICHAEL ADEIFE, P.E.
 P.E. LICENSE NO. 56094
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 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (22 OF 30)

SHEET NO.
 C-7.22



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



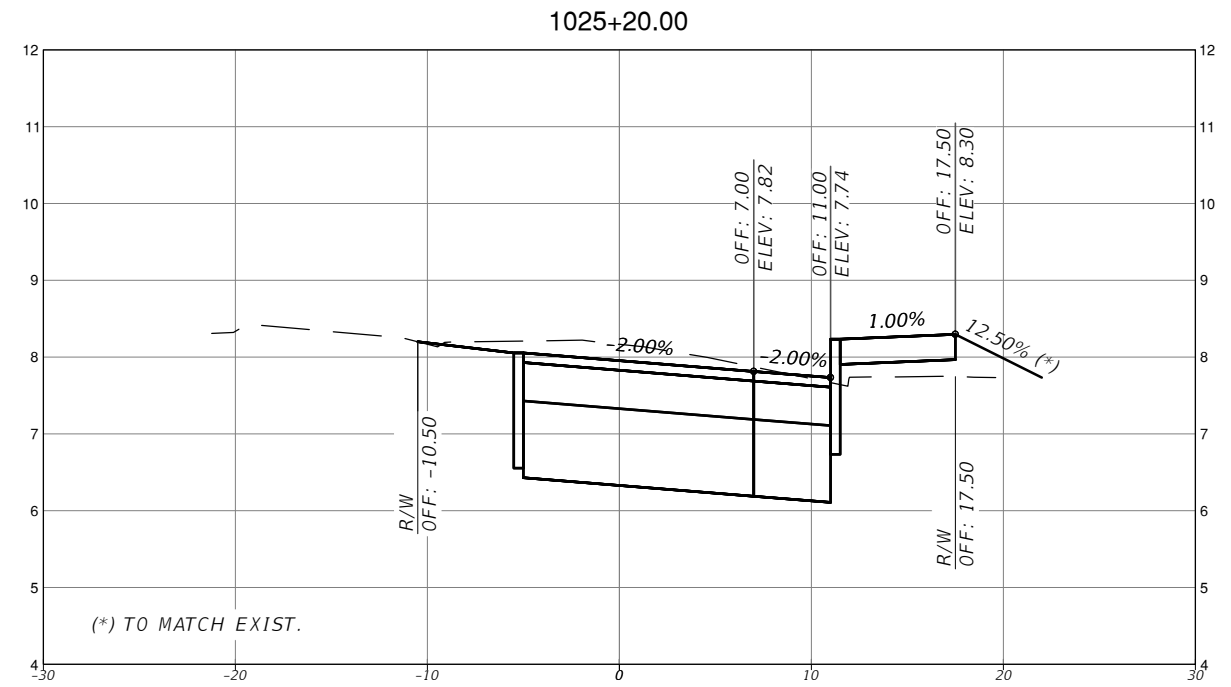
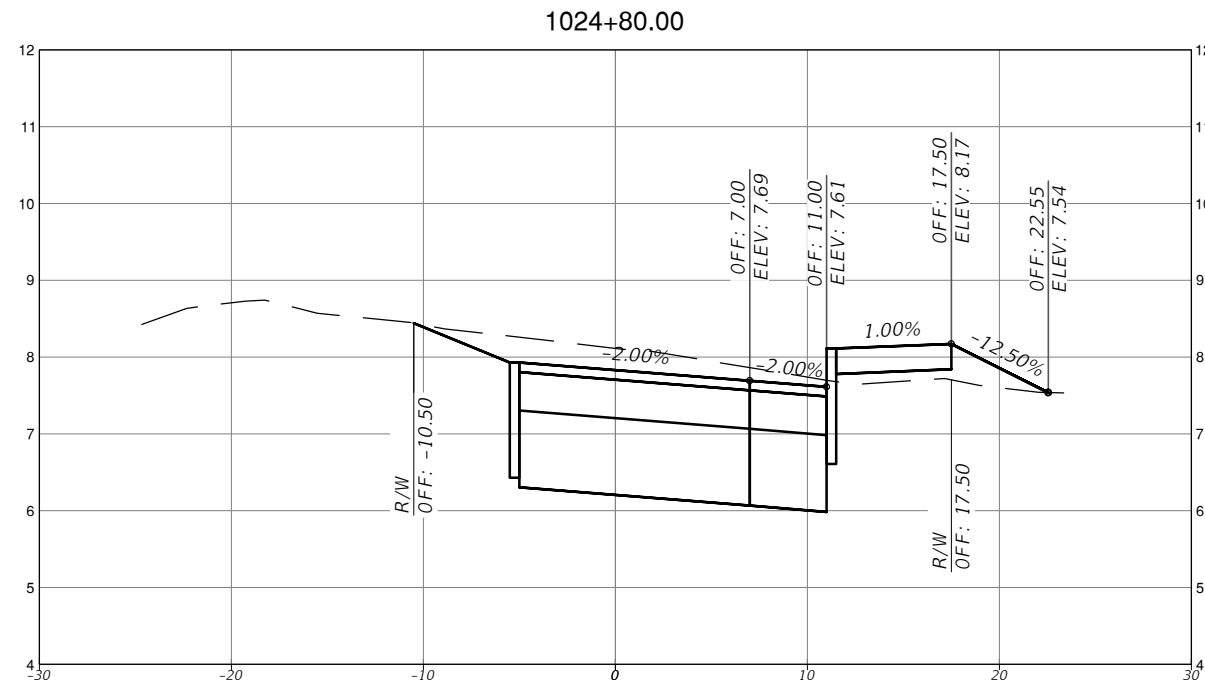
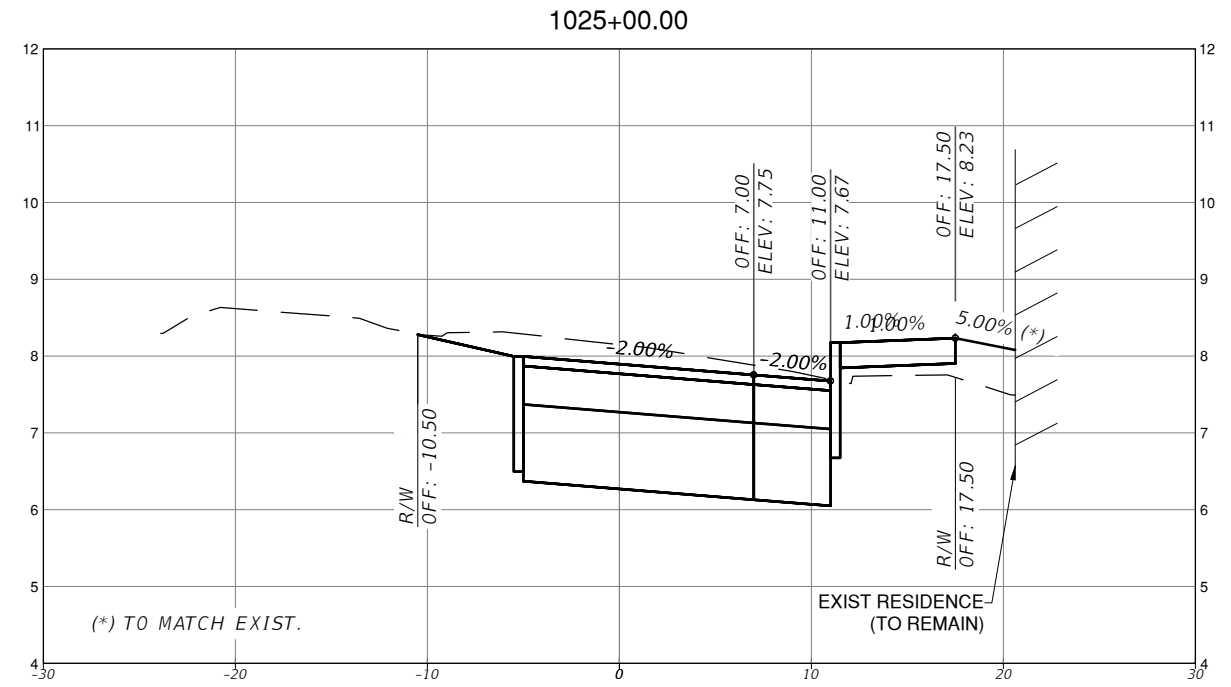
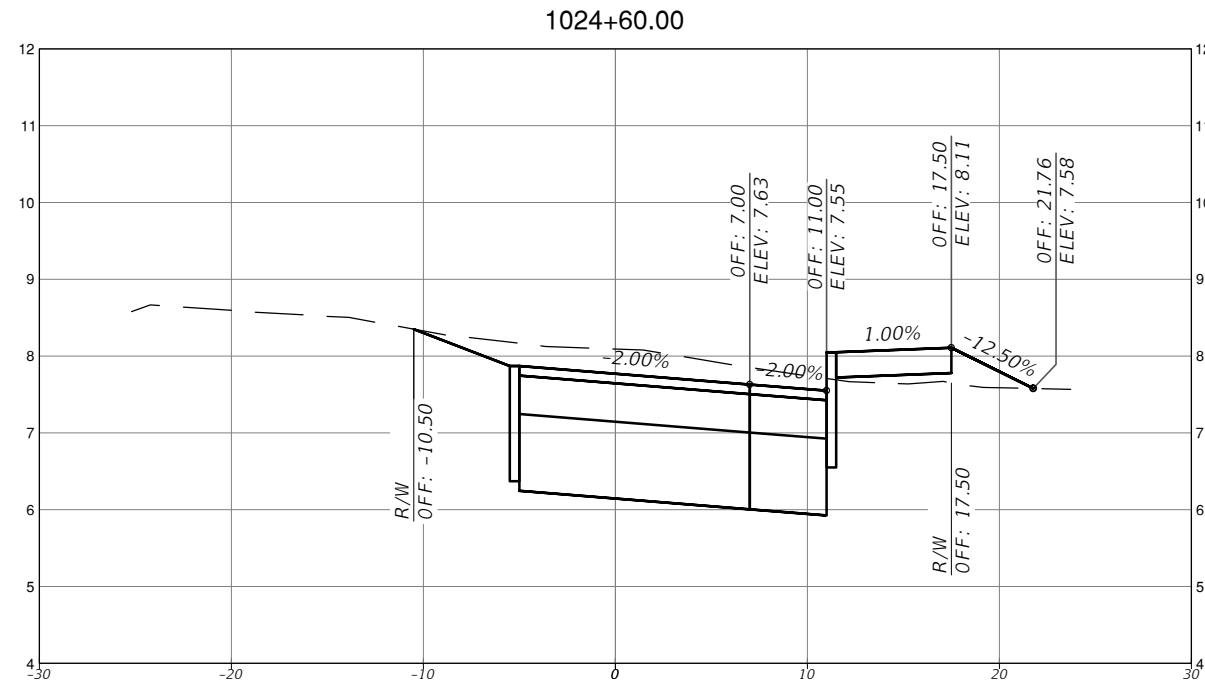
MICHAEL ADEIFE, P.E.
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 815 NW 57TH AVE, SUITE 402
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (23 OF 30)

SHEET NO.
 C-7.23



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



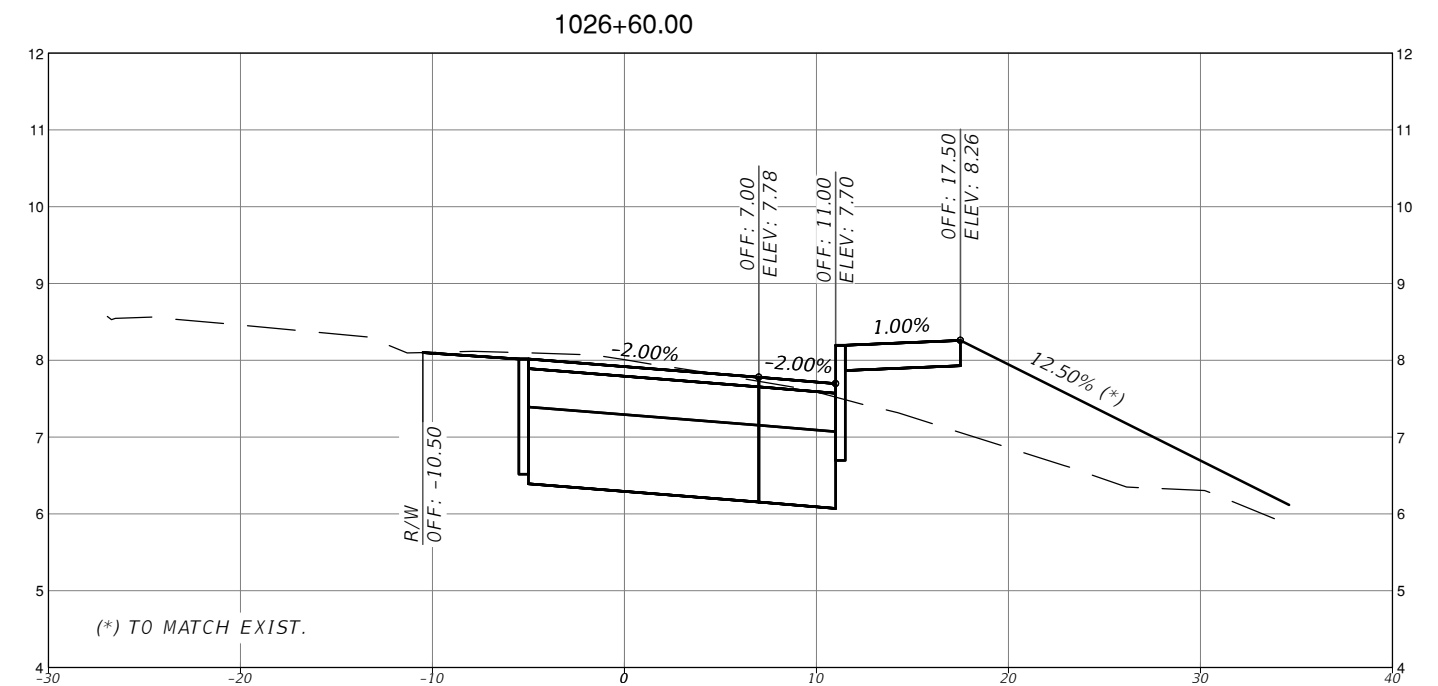
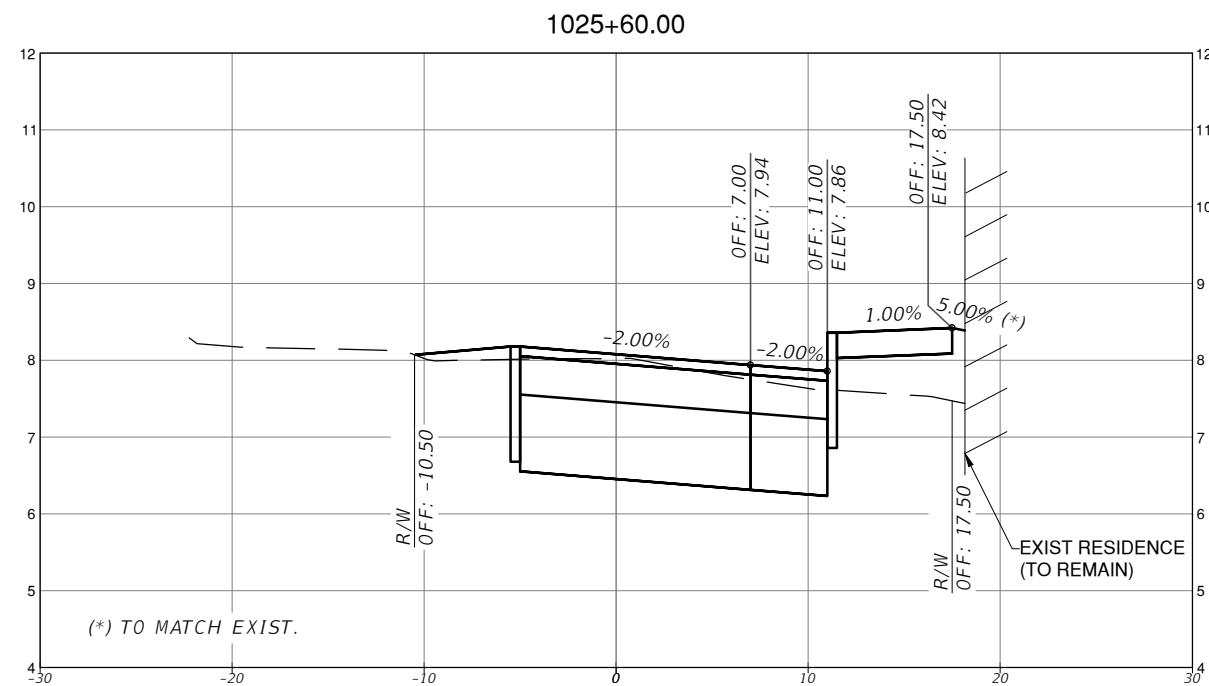
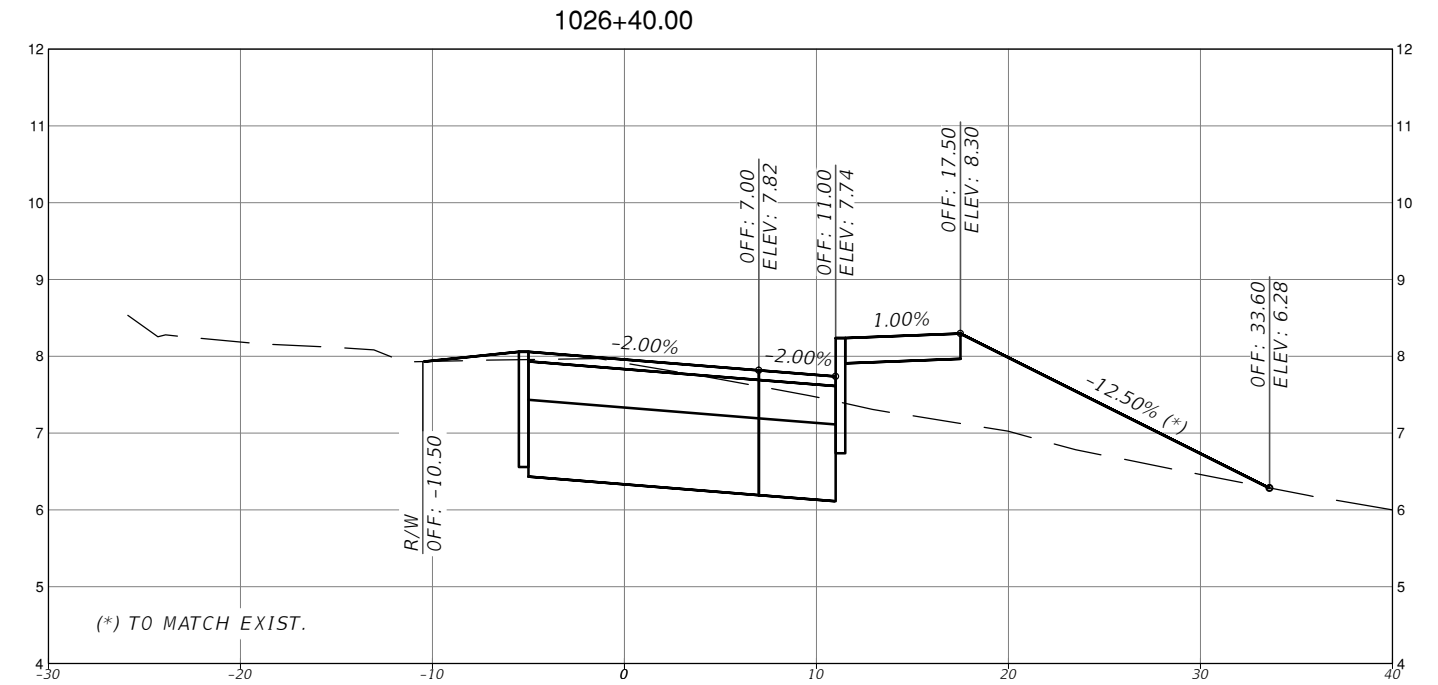
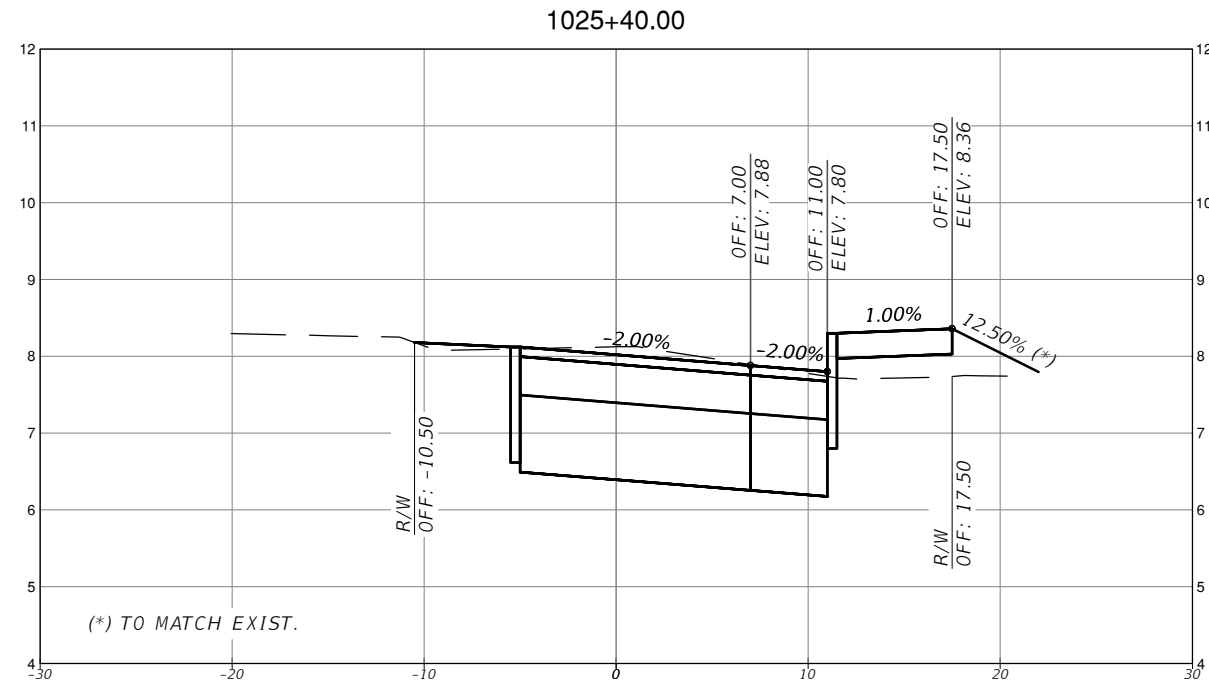
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (24 OF 30)

SHEET NO.
 C-7.24



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MIAMI, FL 33126
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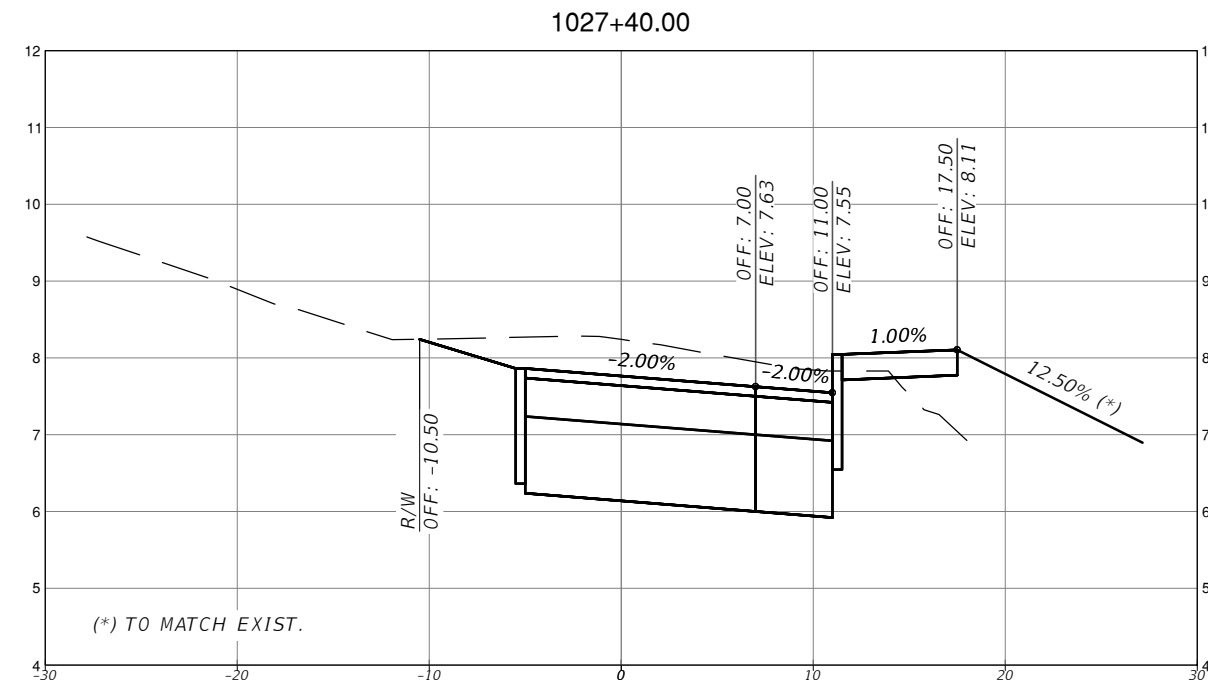
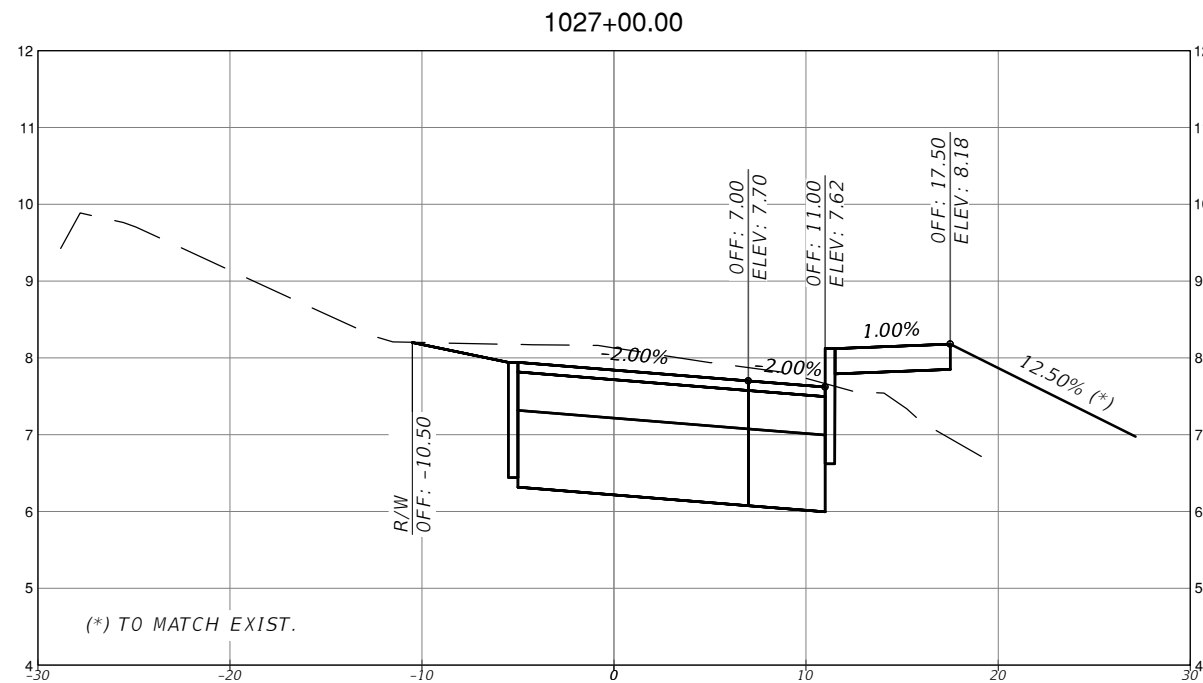
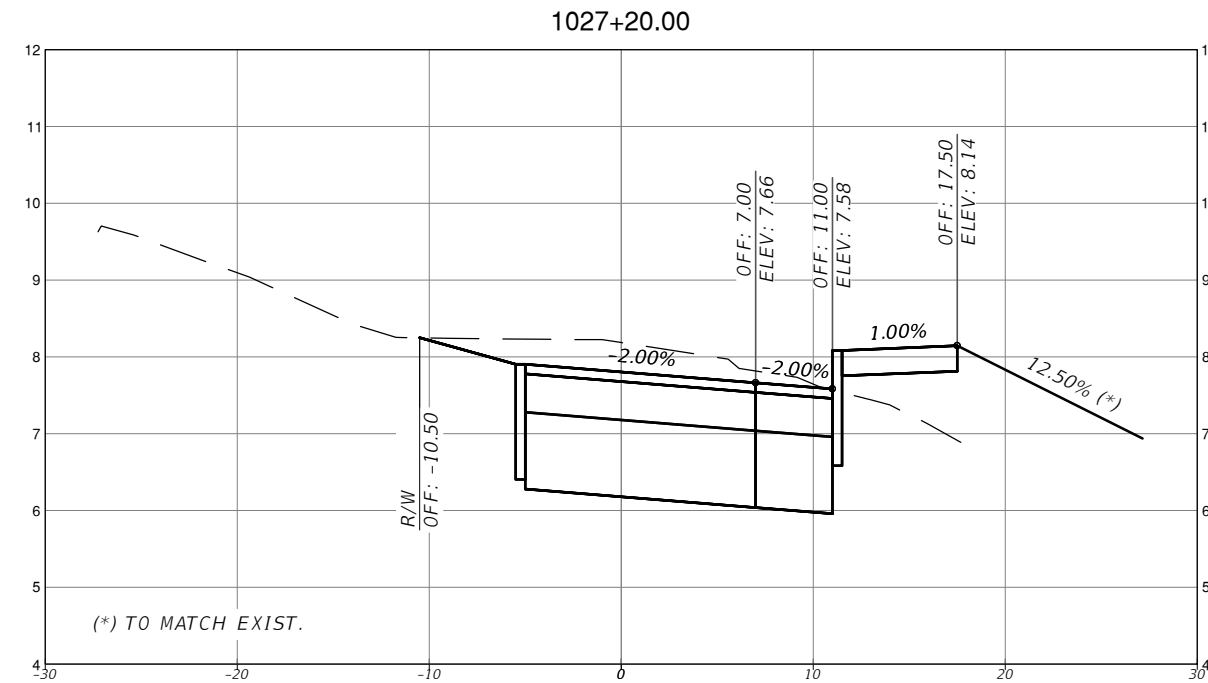
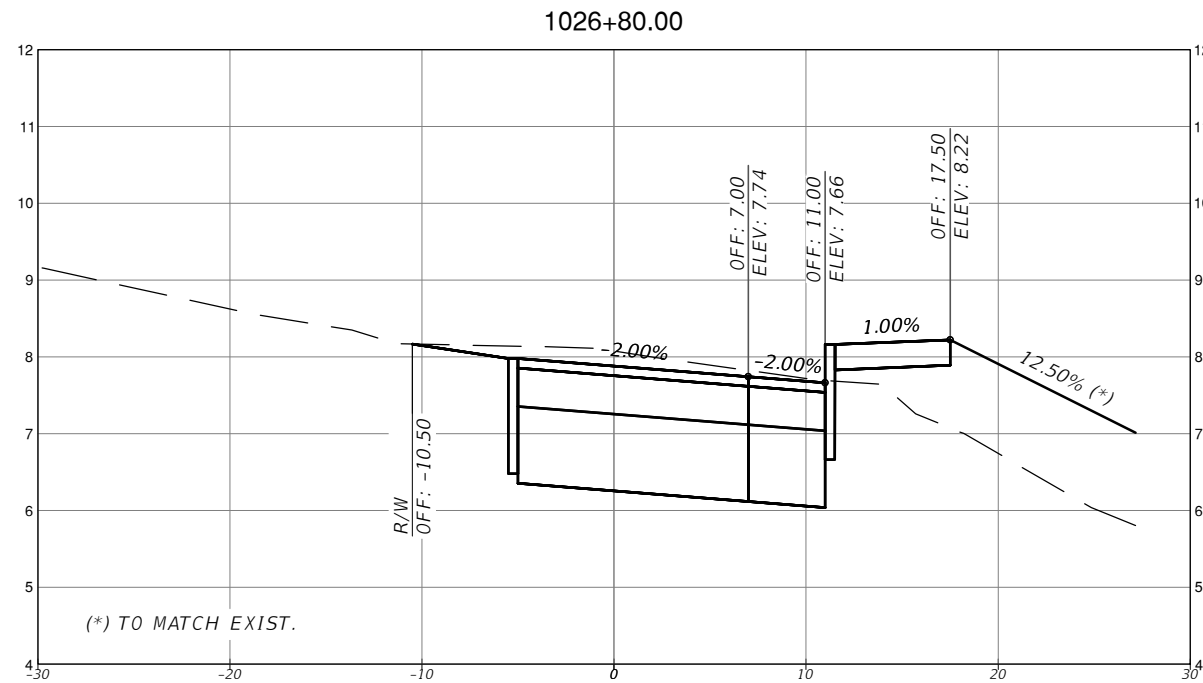
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET COUNTY

NW S RIVER DRIVE MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(25 OF 30)

SHEET NO.
C-7.25



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NO. 56094
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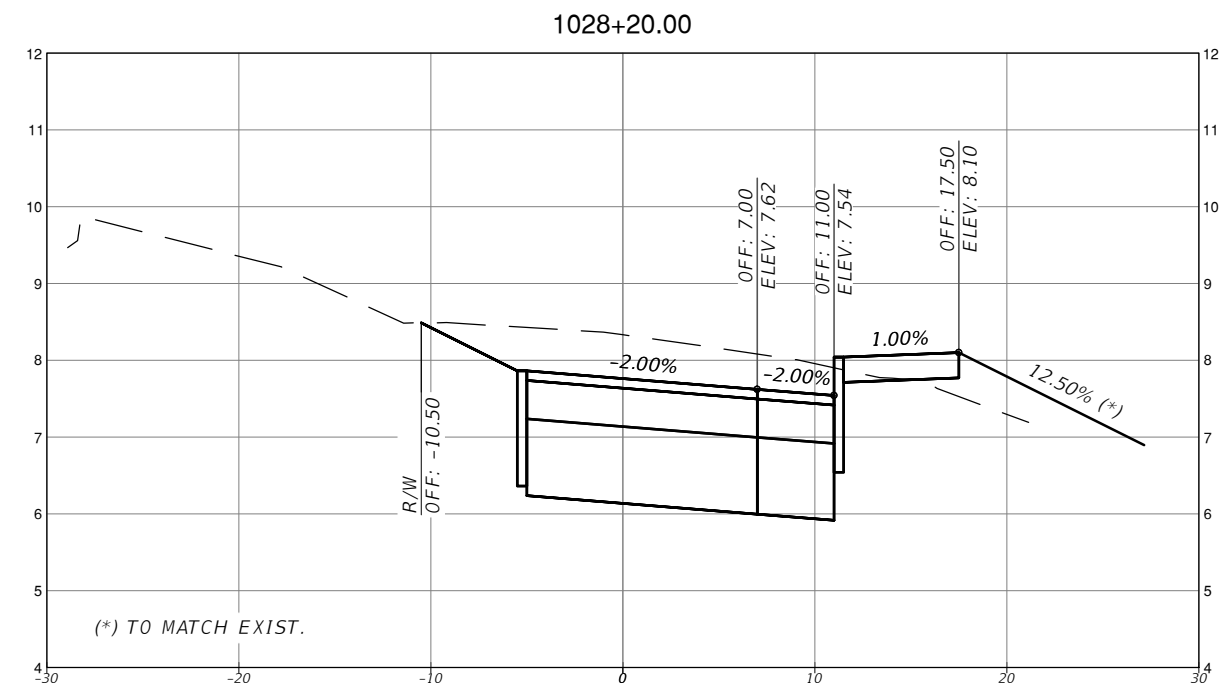
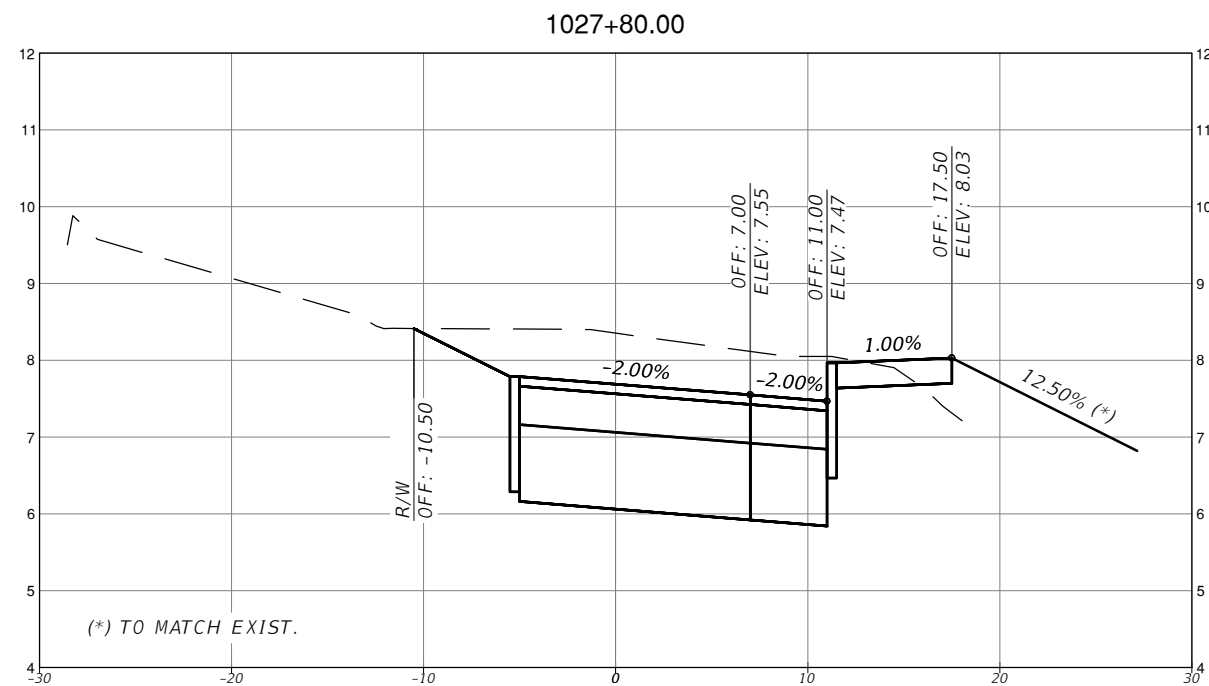
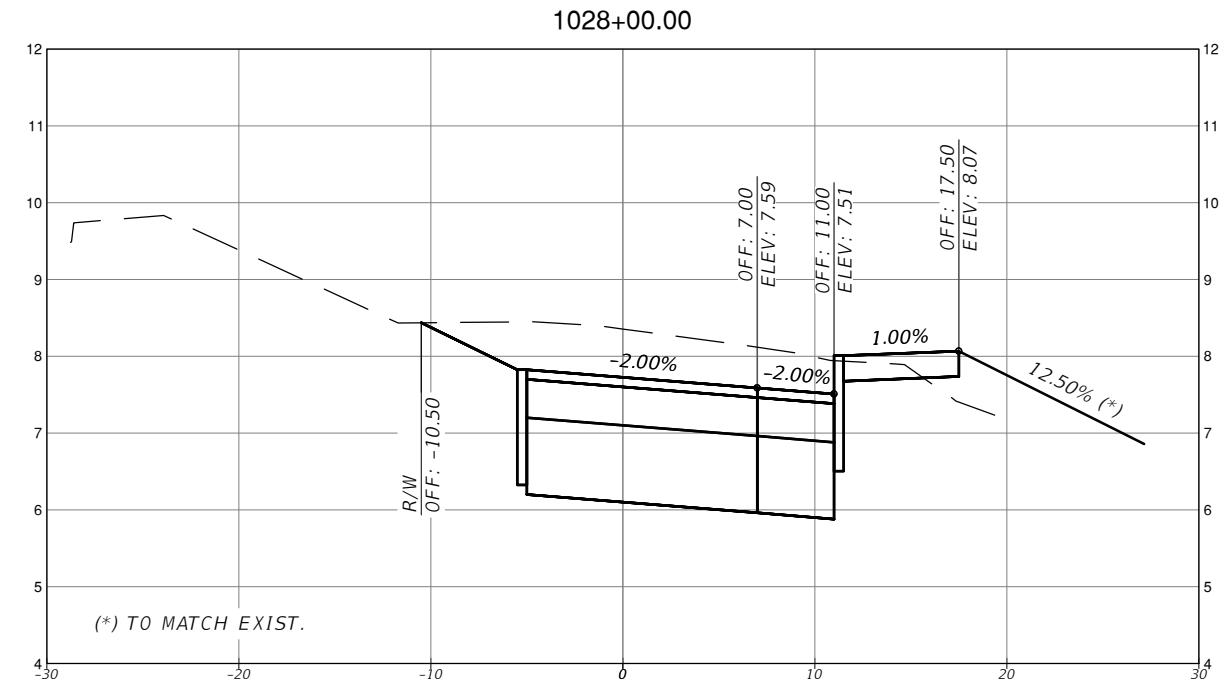
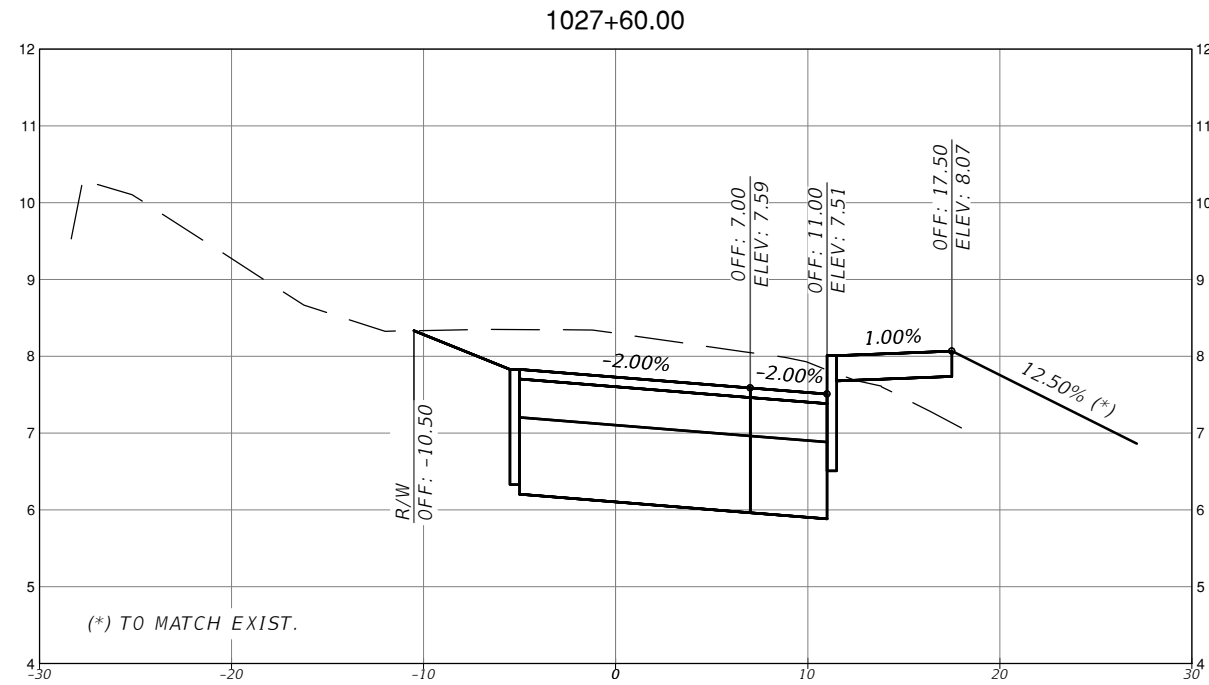


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (26 OF 30)

SHEET NO.
 C-7.26



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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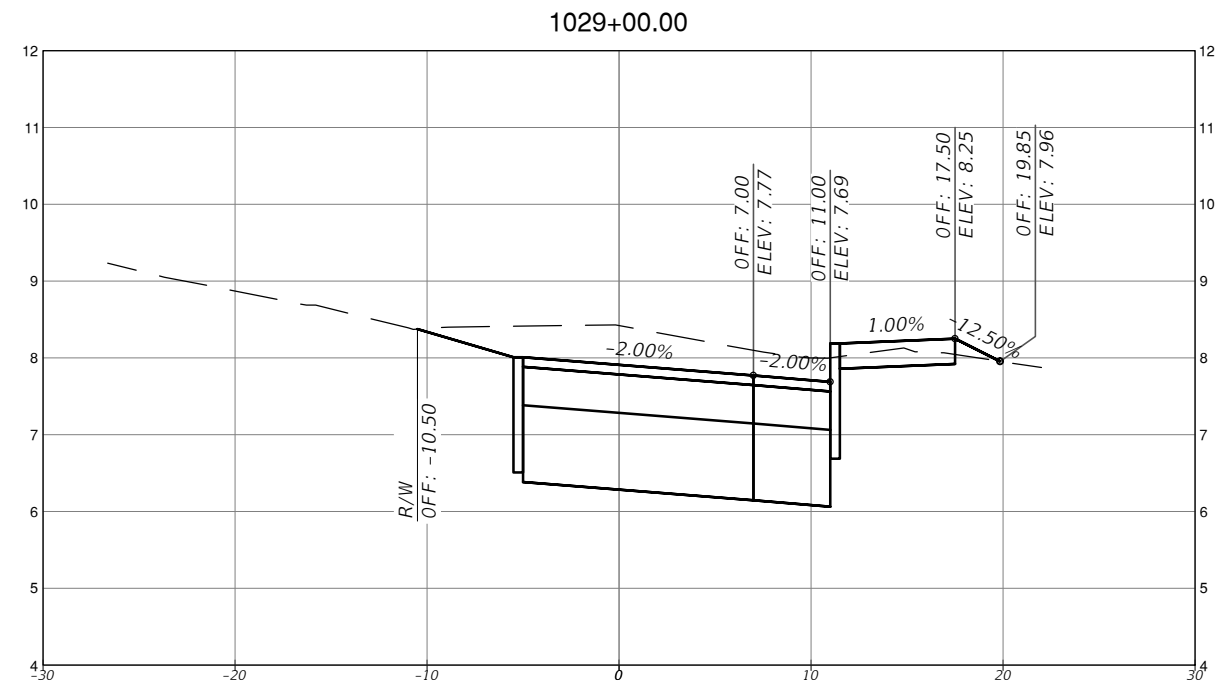
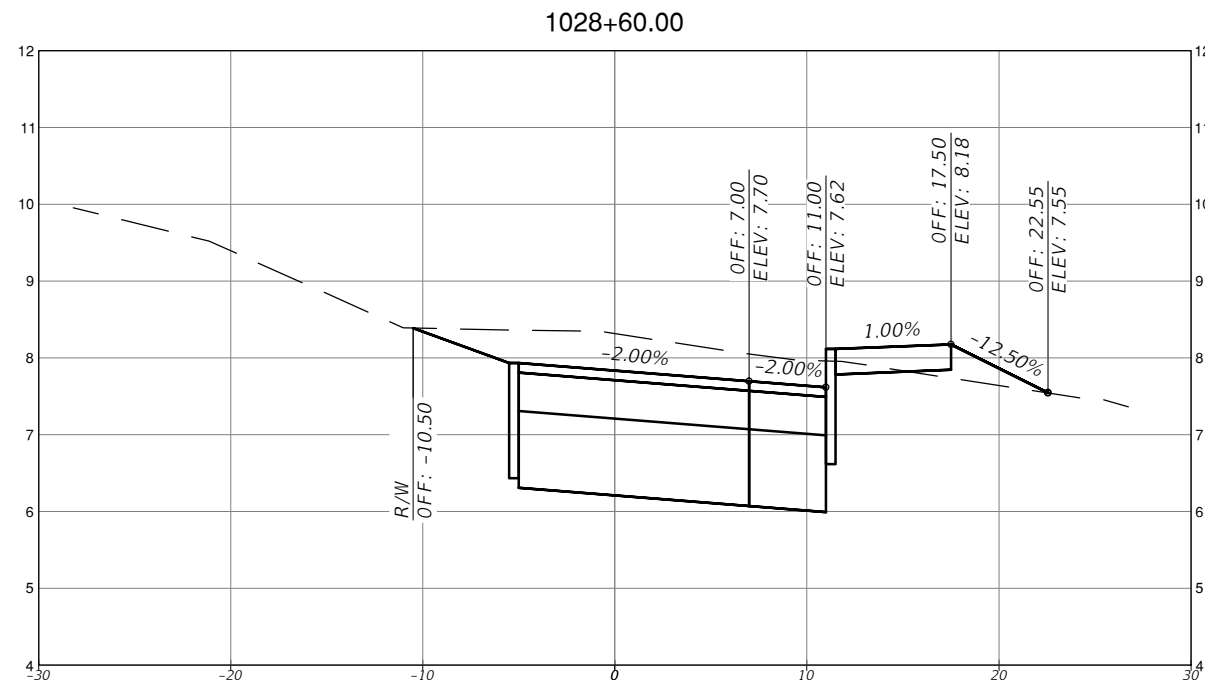
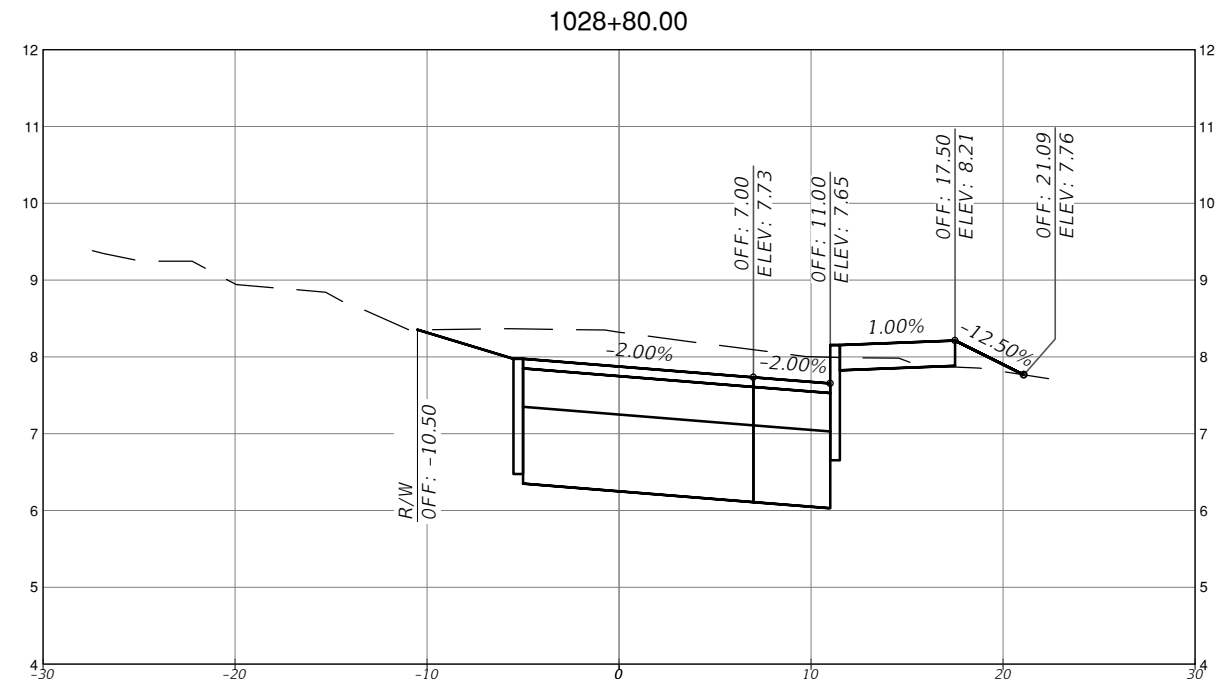
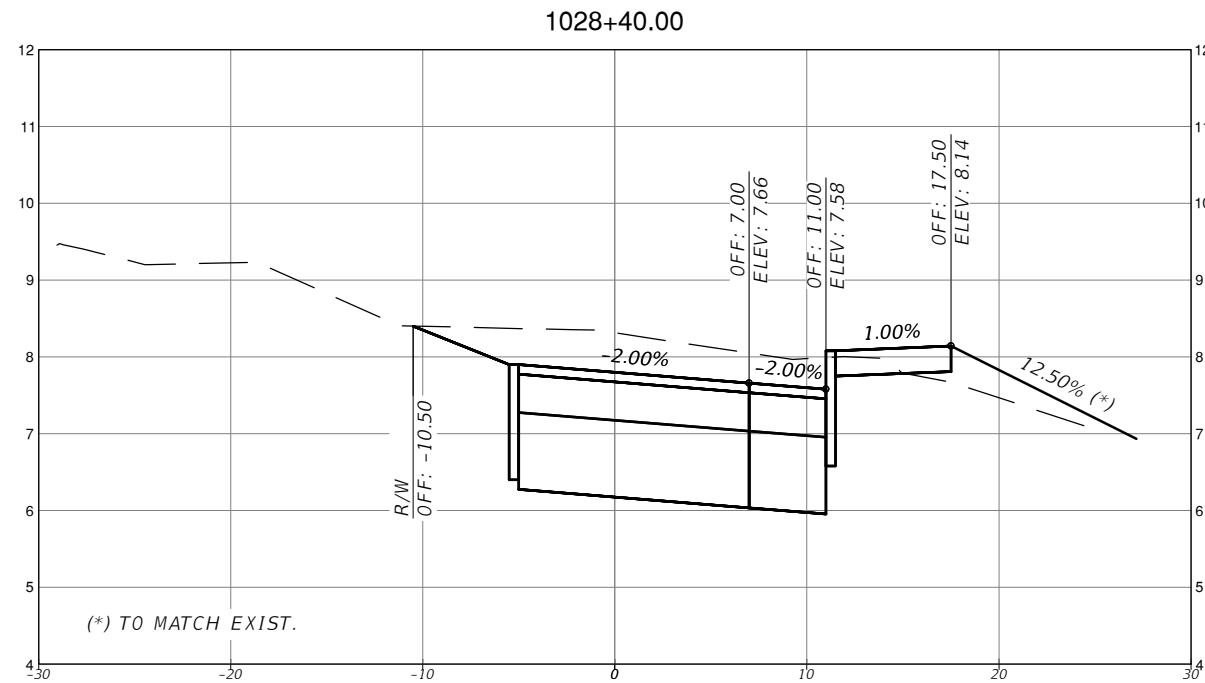


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(27 OF 30)

SHEET NO.
C-7.27



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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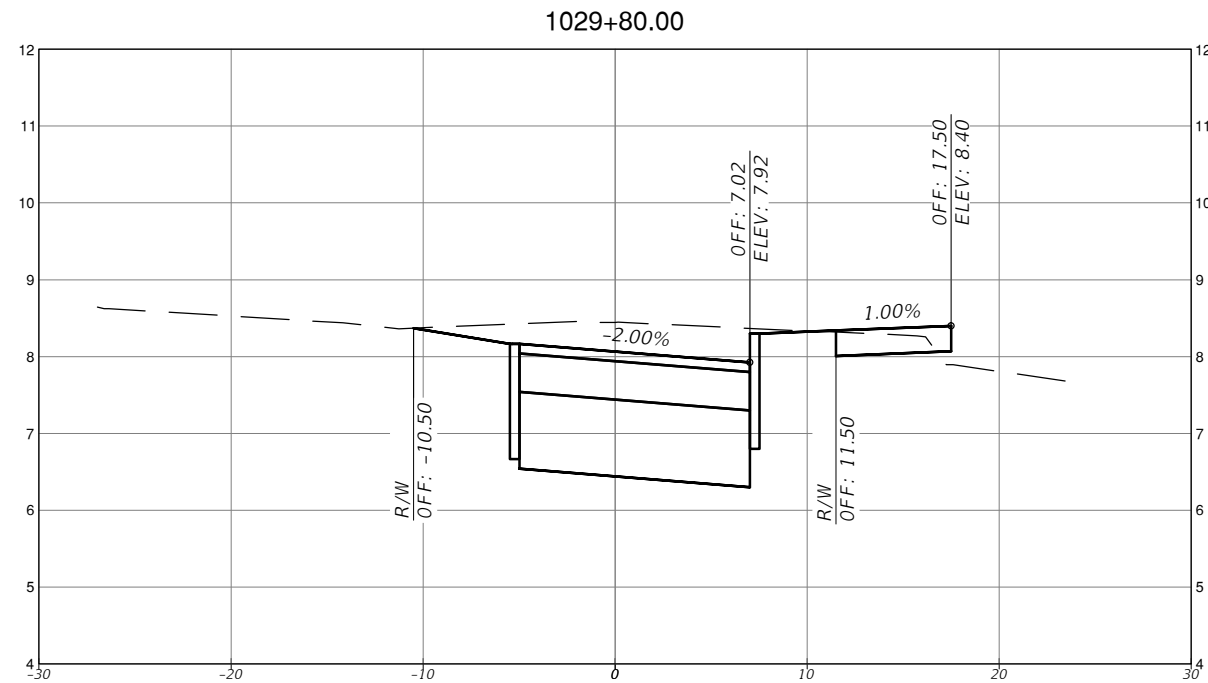
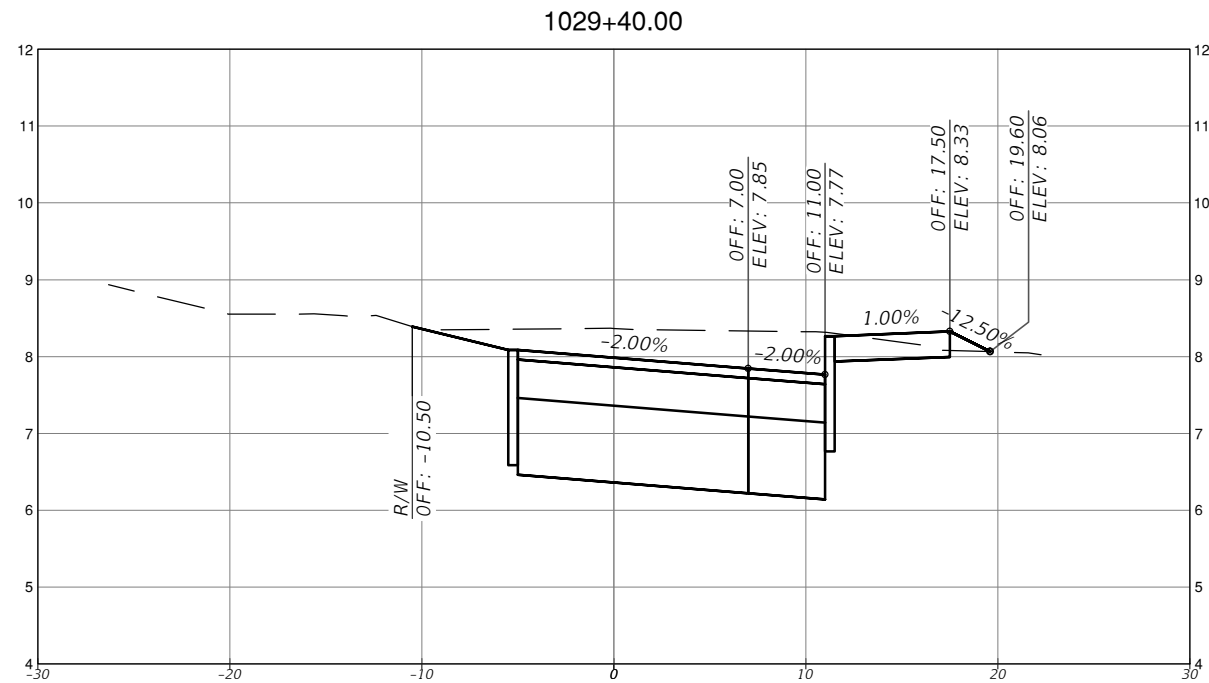
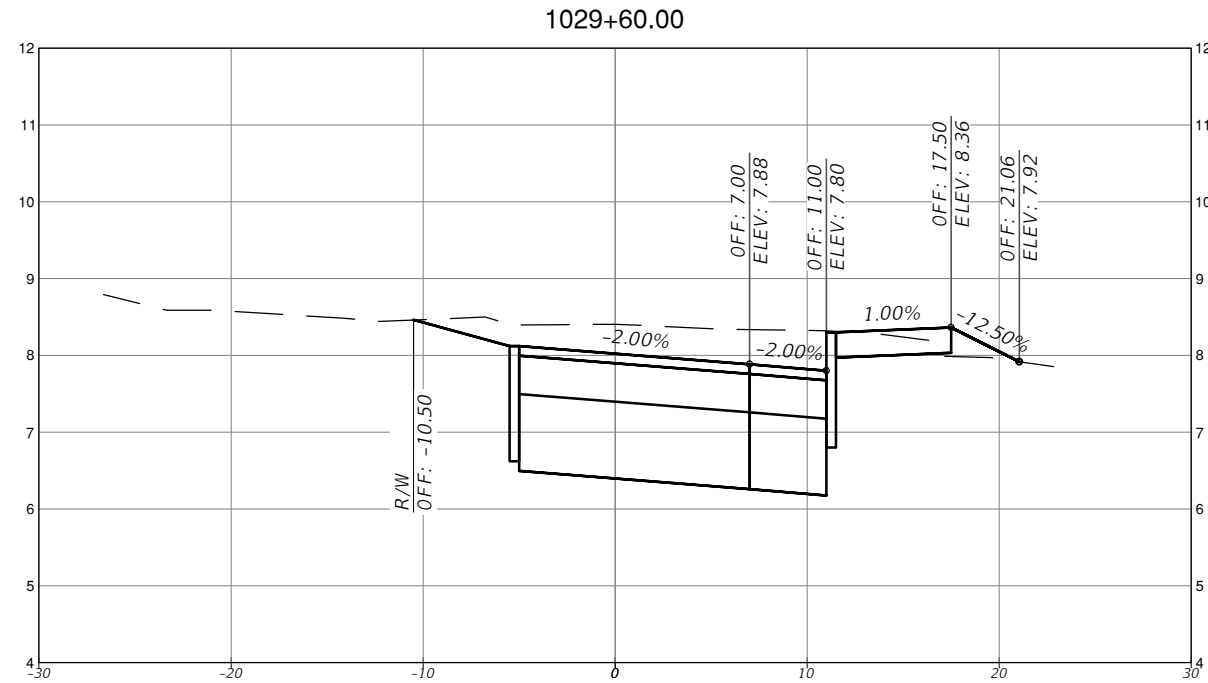
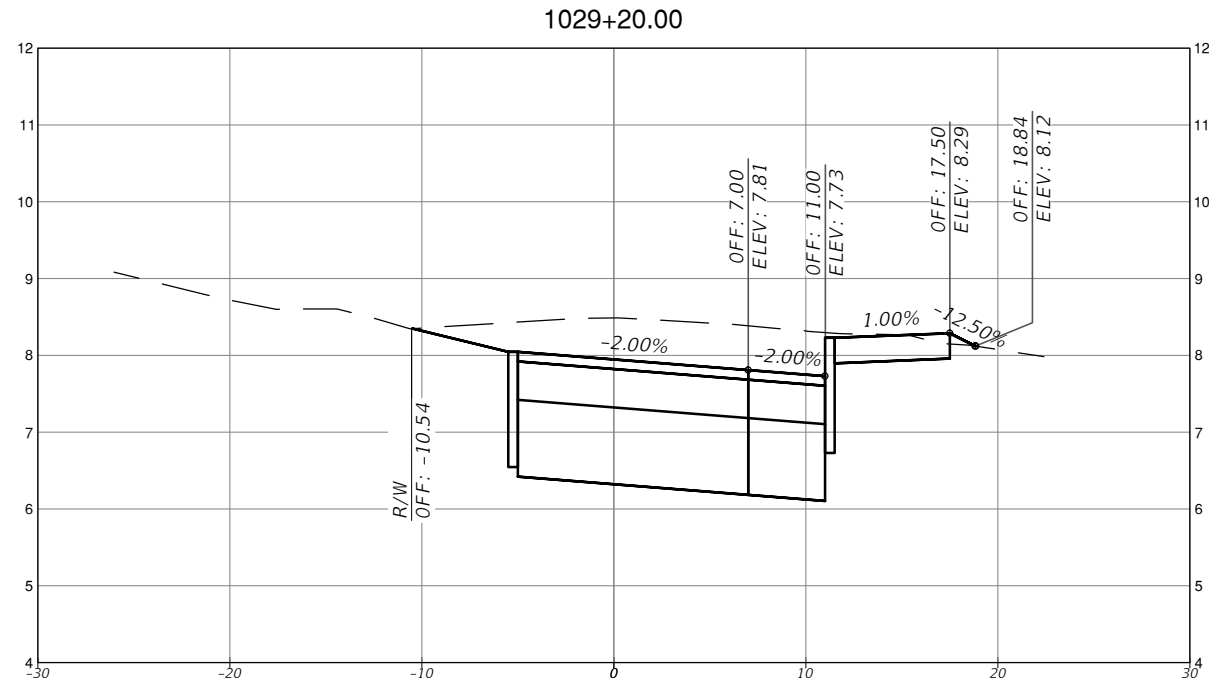


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ROADWAY PAVEMENT
CROSS SECTIONS
(28 OF 30)

SHEET NO.
C-7.28



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 CA.# 7011

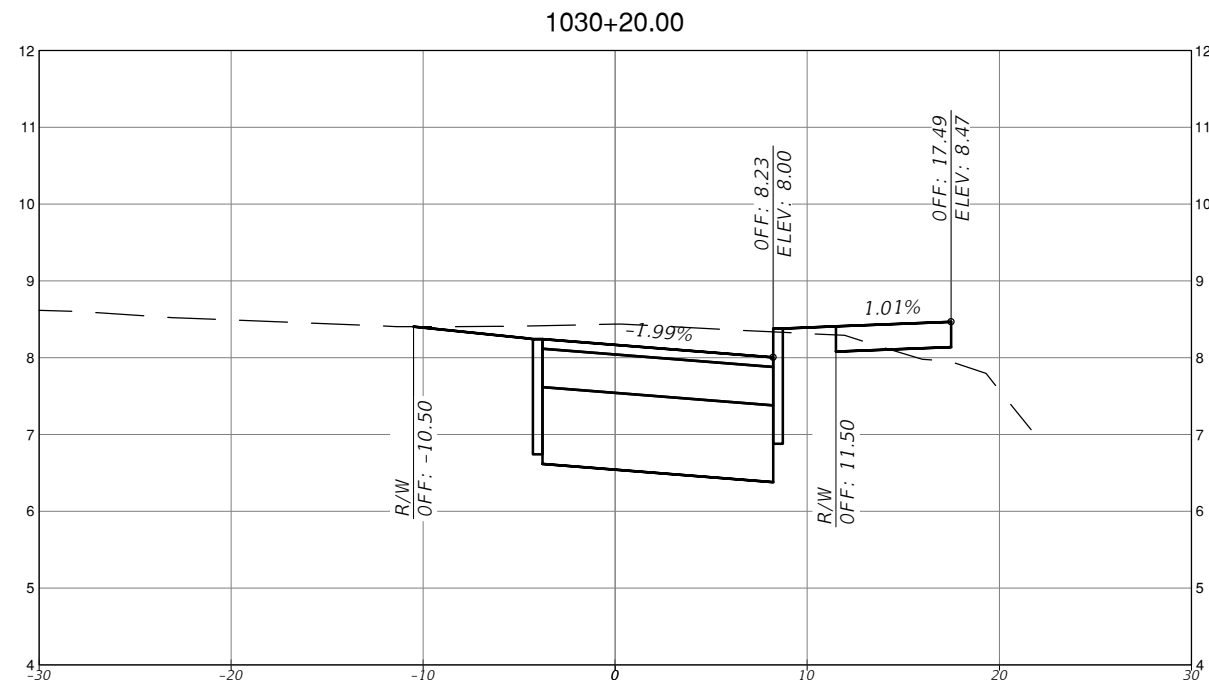
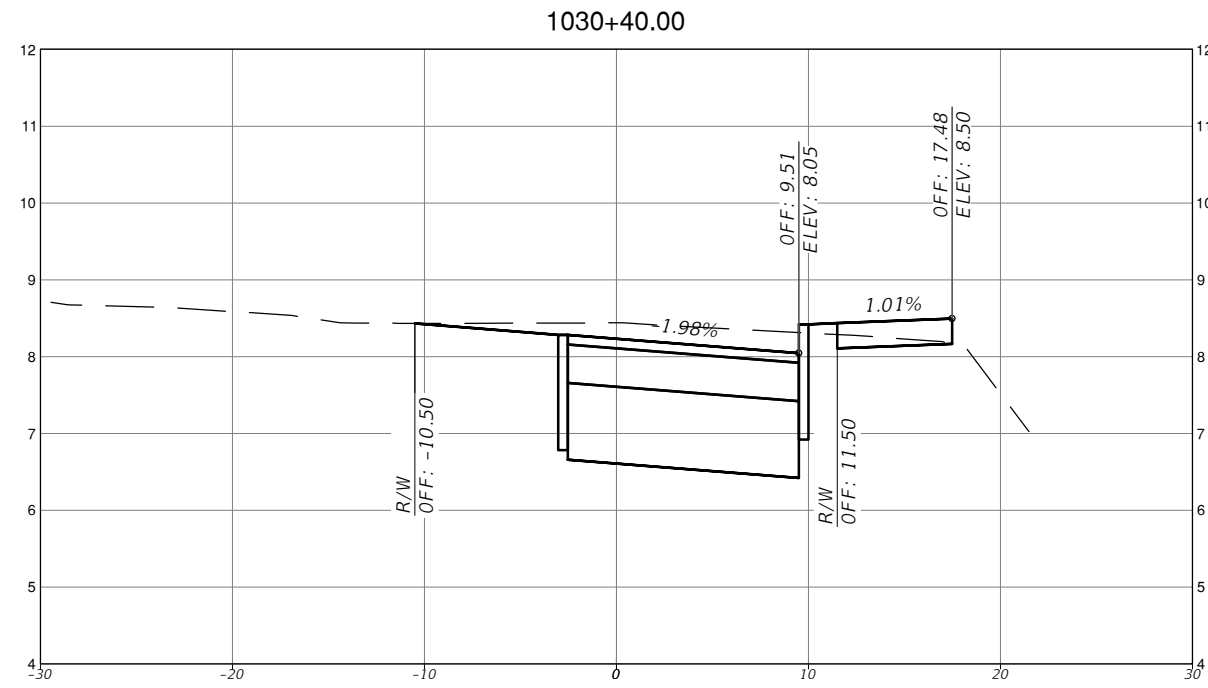
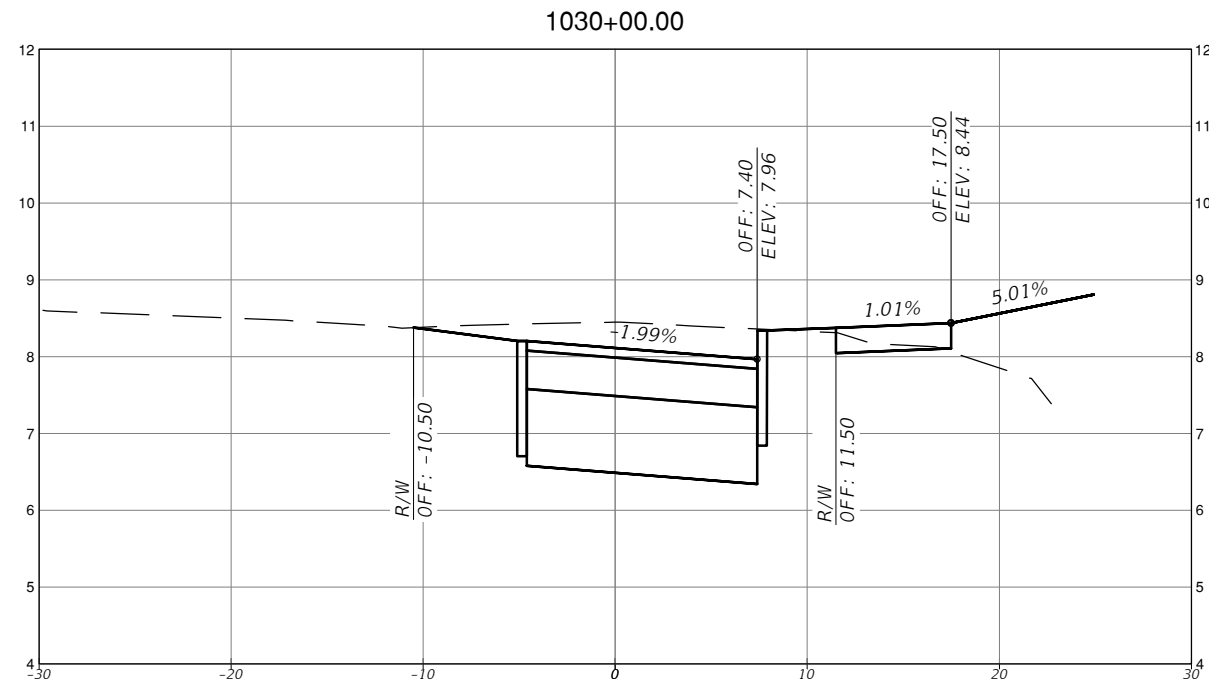
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

**ROADWAY PAVEMENT
 CROSS SECTIONS
 (29 OF 30)**

SHEET NO.
 C-7.29



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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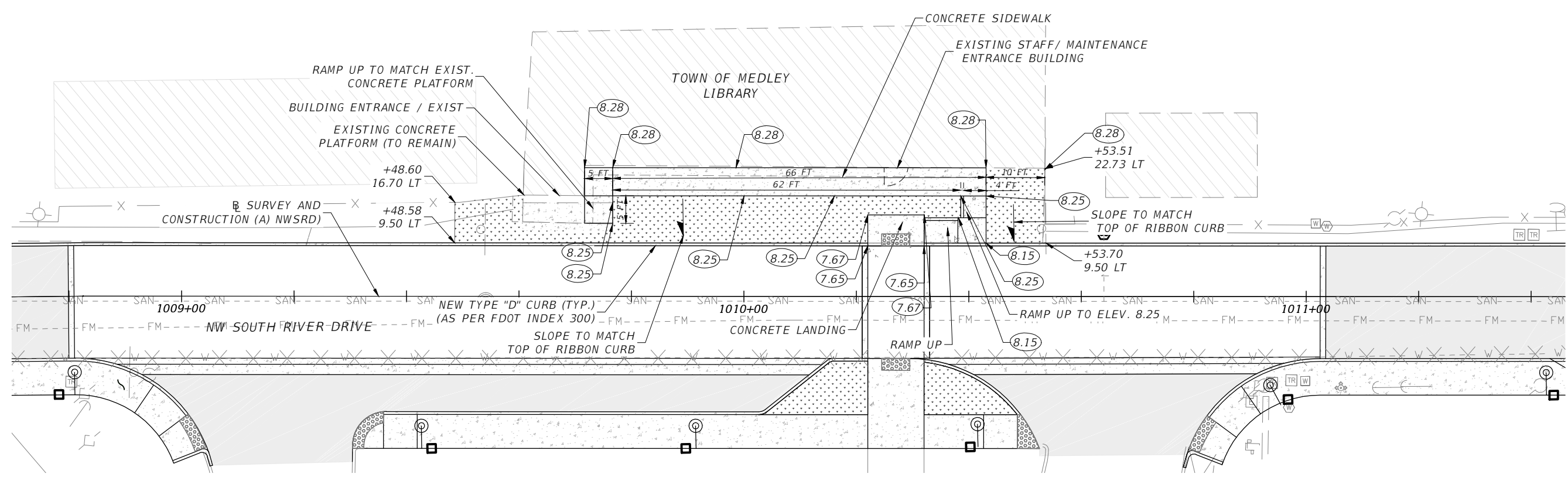
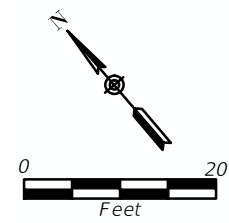


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

ROADWAY PAVEMENT
 CROSS SECTIONS
 (30 OF 30)

SHEET NO.
 C-7.30

C-6 CANAL



WILSON LIBRARY AND RECREATION CENTER
1" = 20' SCALE

NOTES:

1. COORDINATE WITH EXISTING SITE FEATURES AND PROPOSED PARK IMPROVEMENTS.
2. COORDINATE WITH LANDSCAPE PLANS.

LEGEND:

- SAWCUT AND REMOVE EXISTING PAVEMENT. REPLACE WITH SOD (INCL. FILL, GRADING AND TOPSOIL)
- PROPOSED ELEVATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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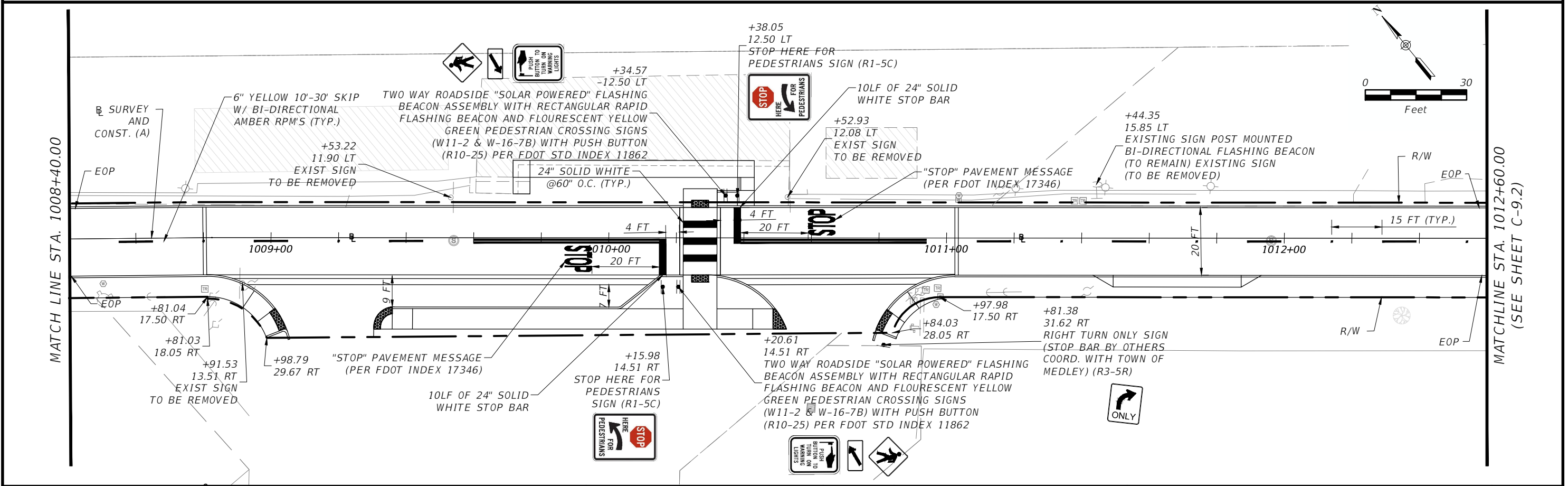
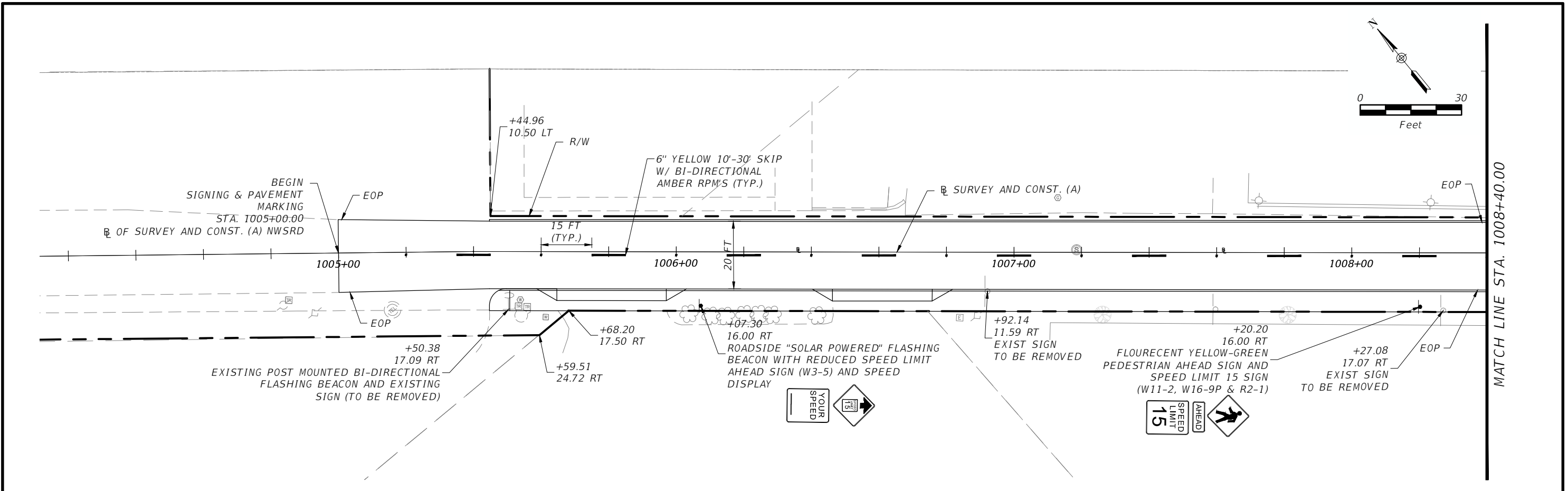


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

SPECIAL SITE DETAILS

SHEET NO.
C-8.0



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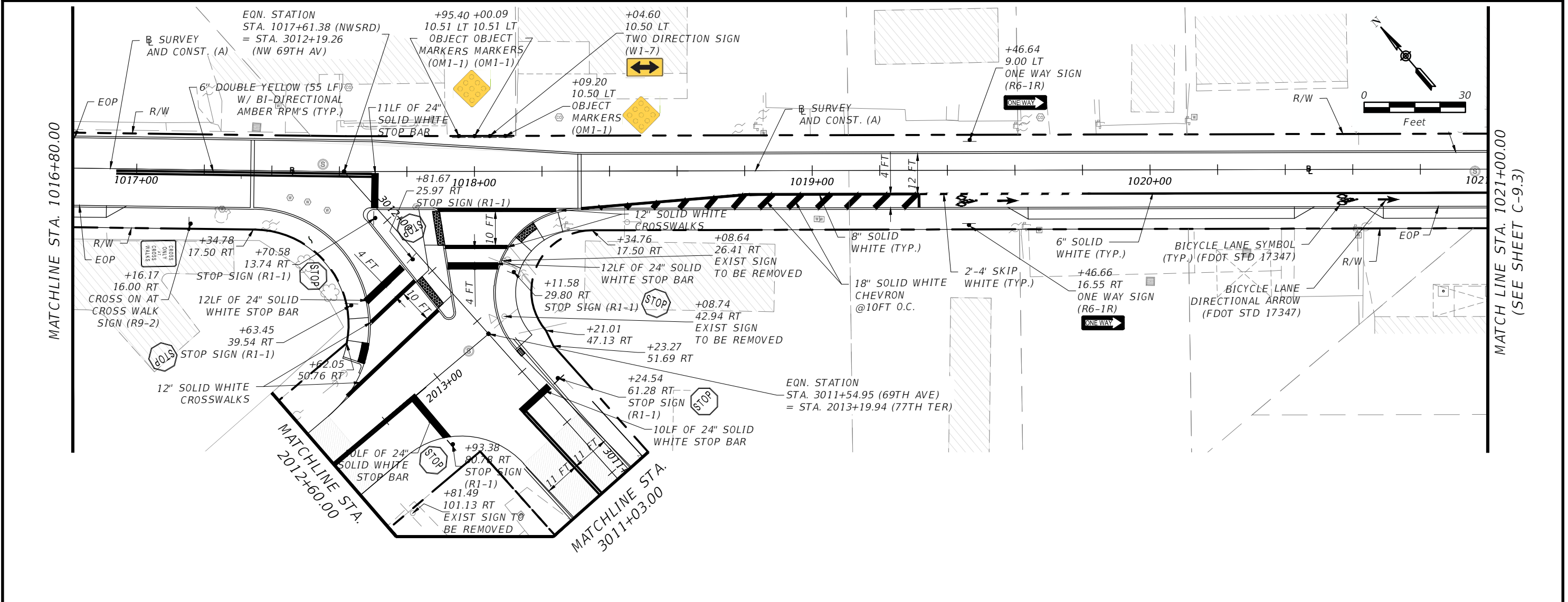
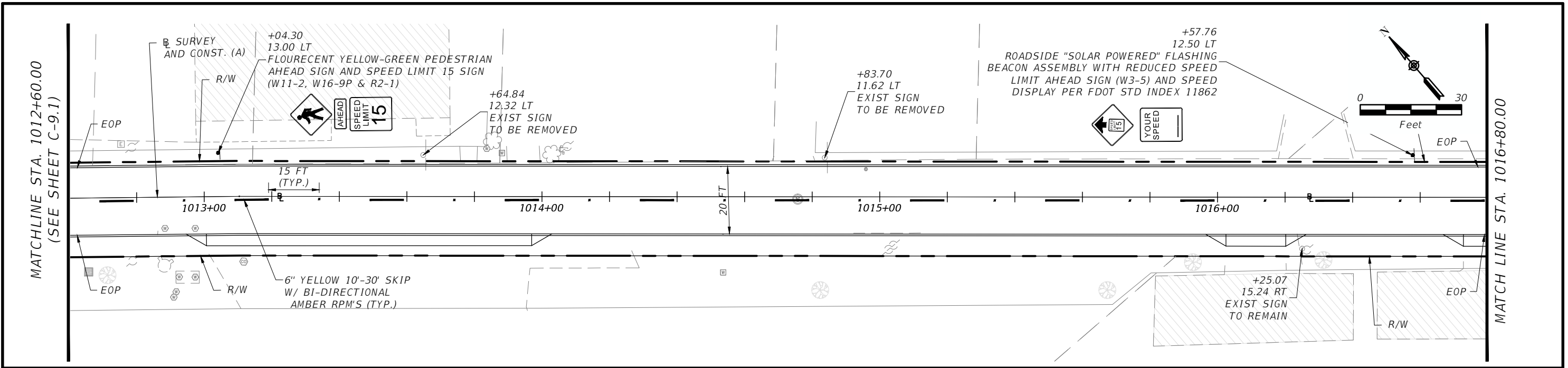
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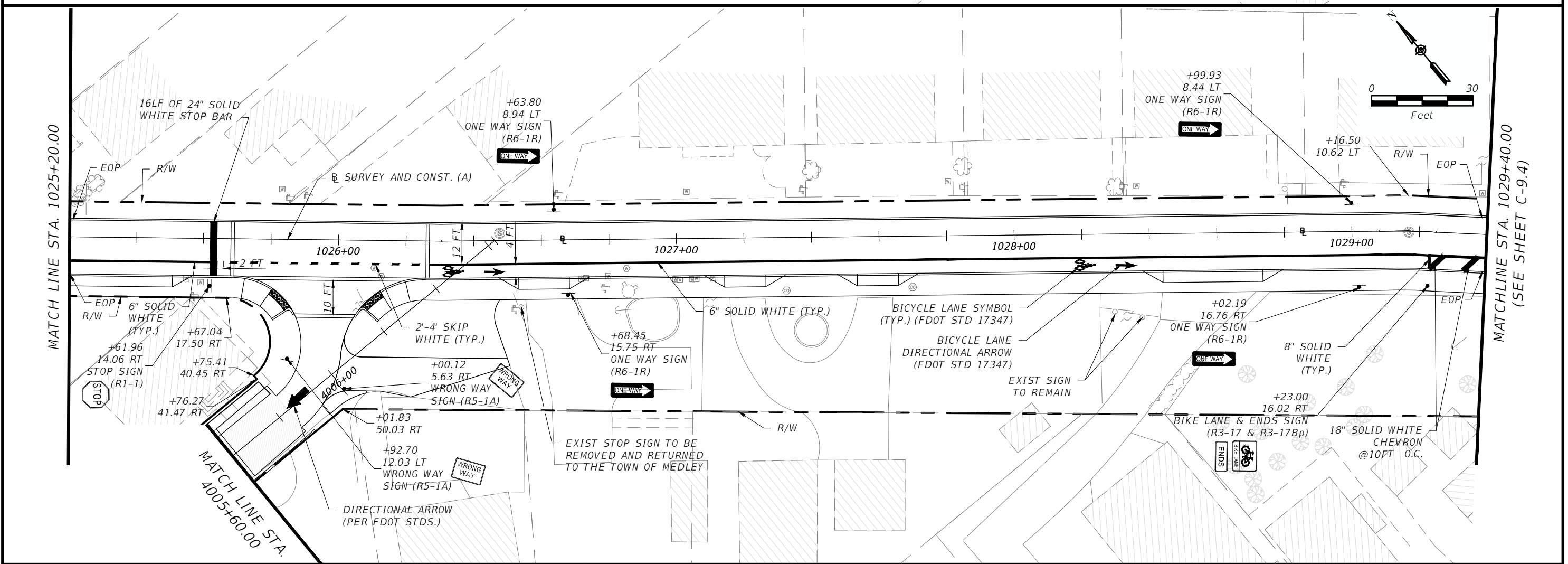
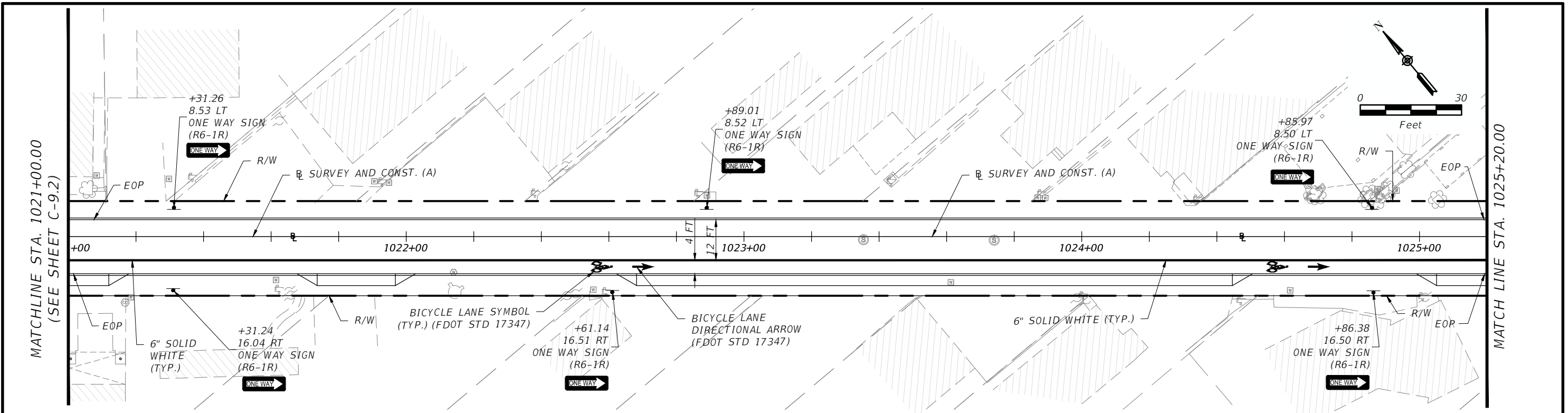
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

SIGNING & PAVEMENT MARKING PLAN
(1 OF 5)

SHEET NO. C-9.1



REVISIONS				 EAC EAC Consulting, Inc. CA.# 7011	 TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	SIGNING & PAVEMENT MARKING PLAN (2 OF 5)		SHEET NO. C-9.2
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE	



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CA.# 7011

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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

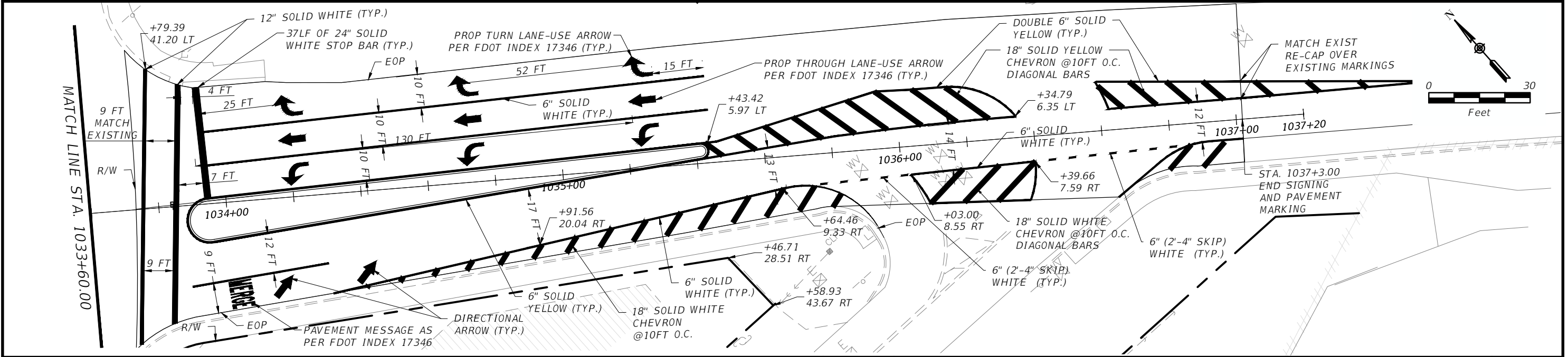
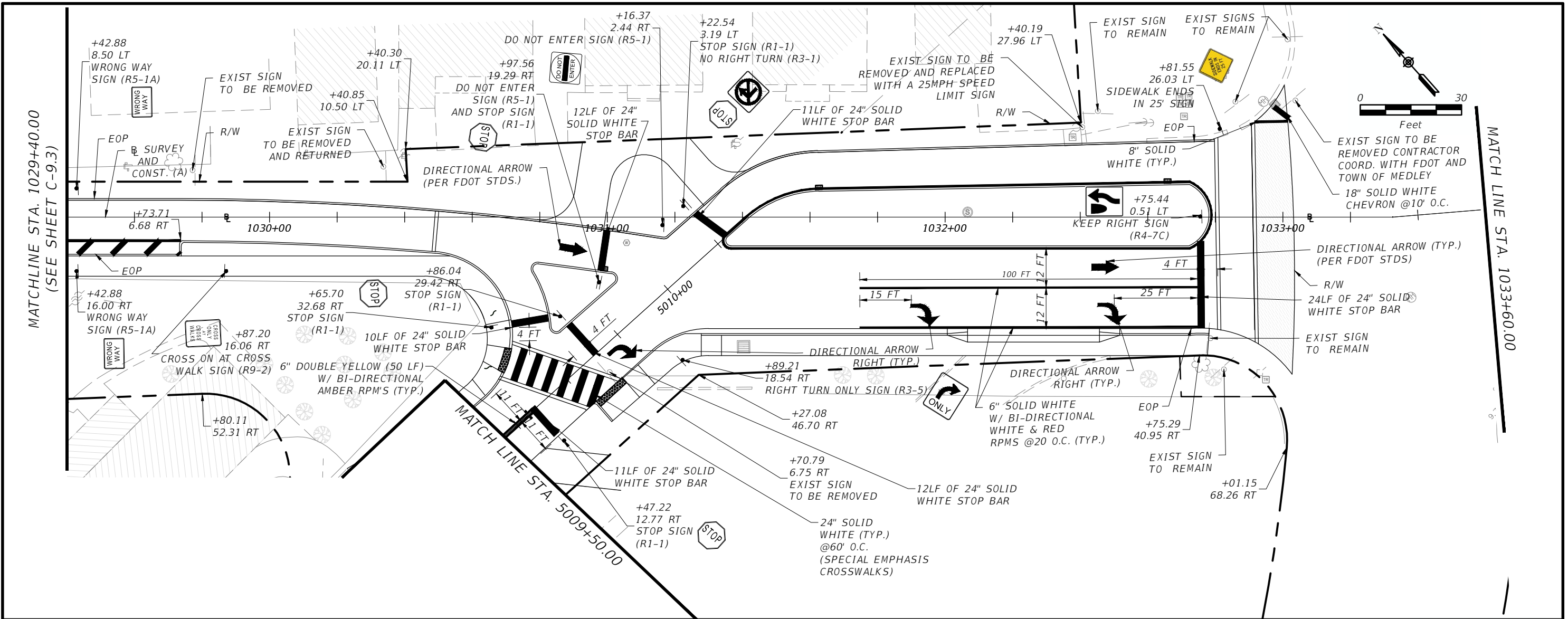


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

SIGNING & PAVEMENT MARKING PLAN
(3 OF 5)

SHEET NO.
C-9.3



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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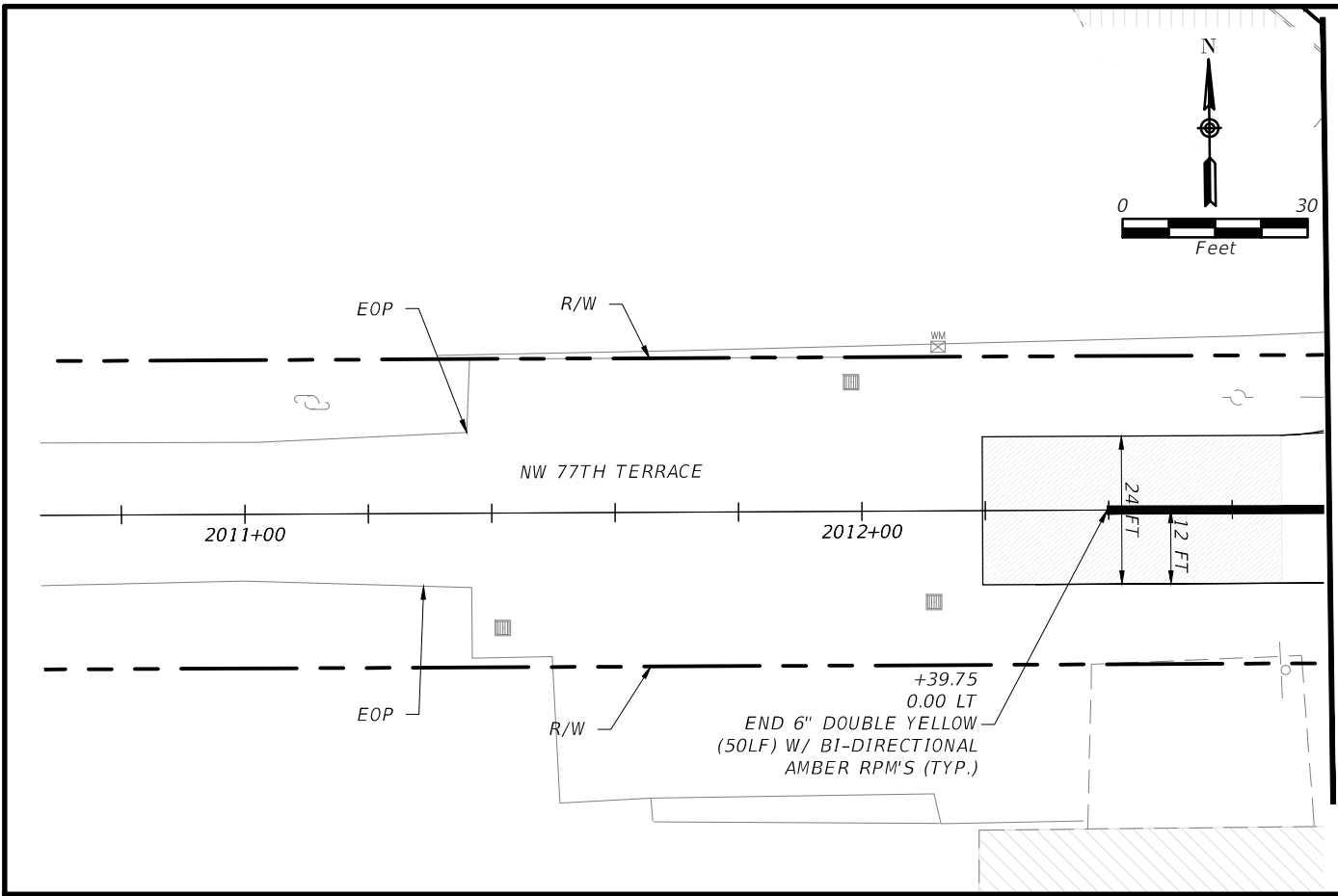
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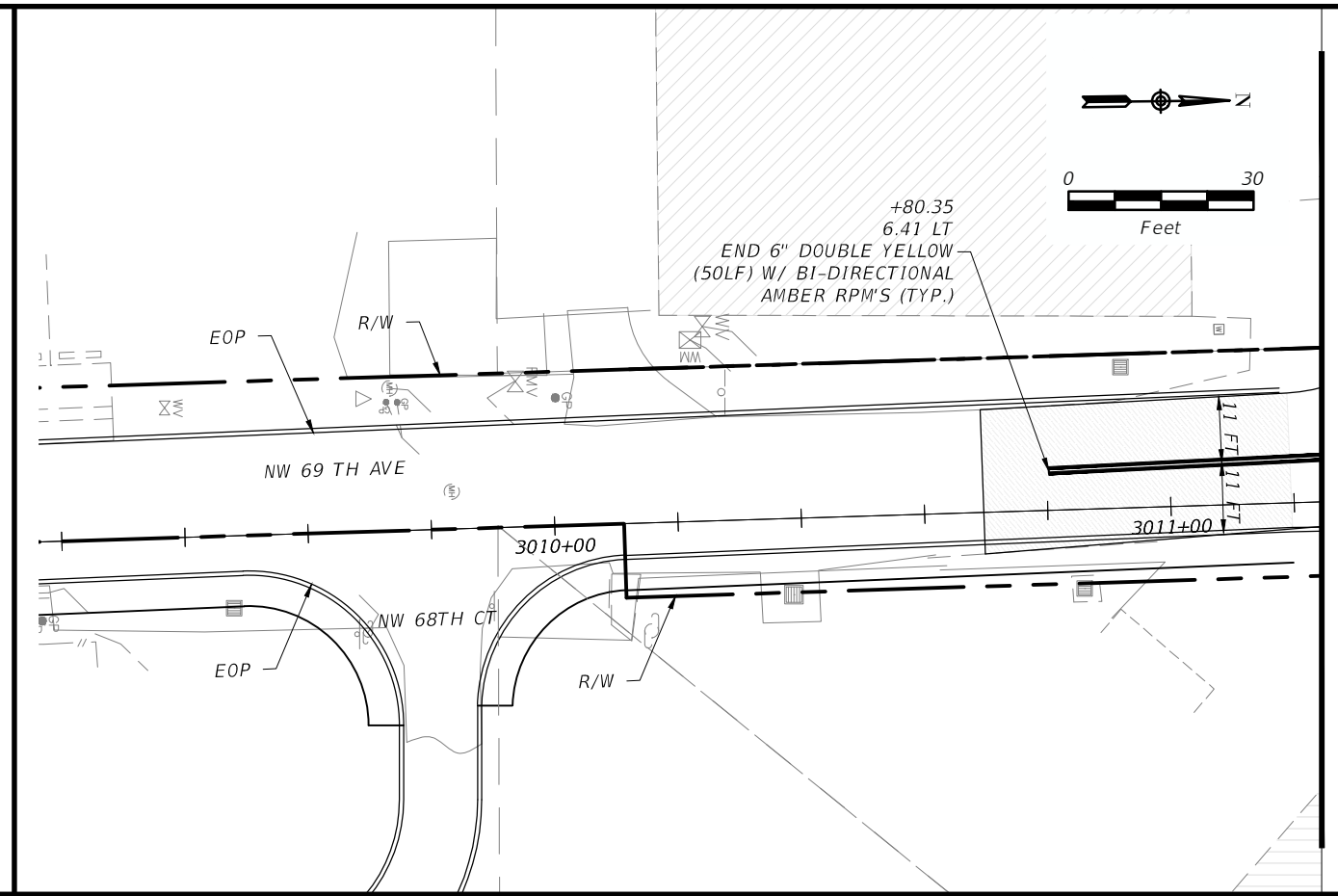
PROJECT STREET: **NW S RIVER DRIVE**
COUNTY: **MIAMI-DADE**

SIGNING & PAVEMENT MARKING PLAN
(4 OF 5)

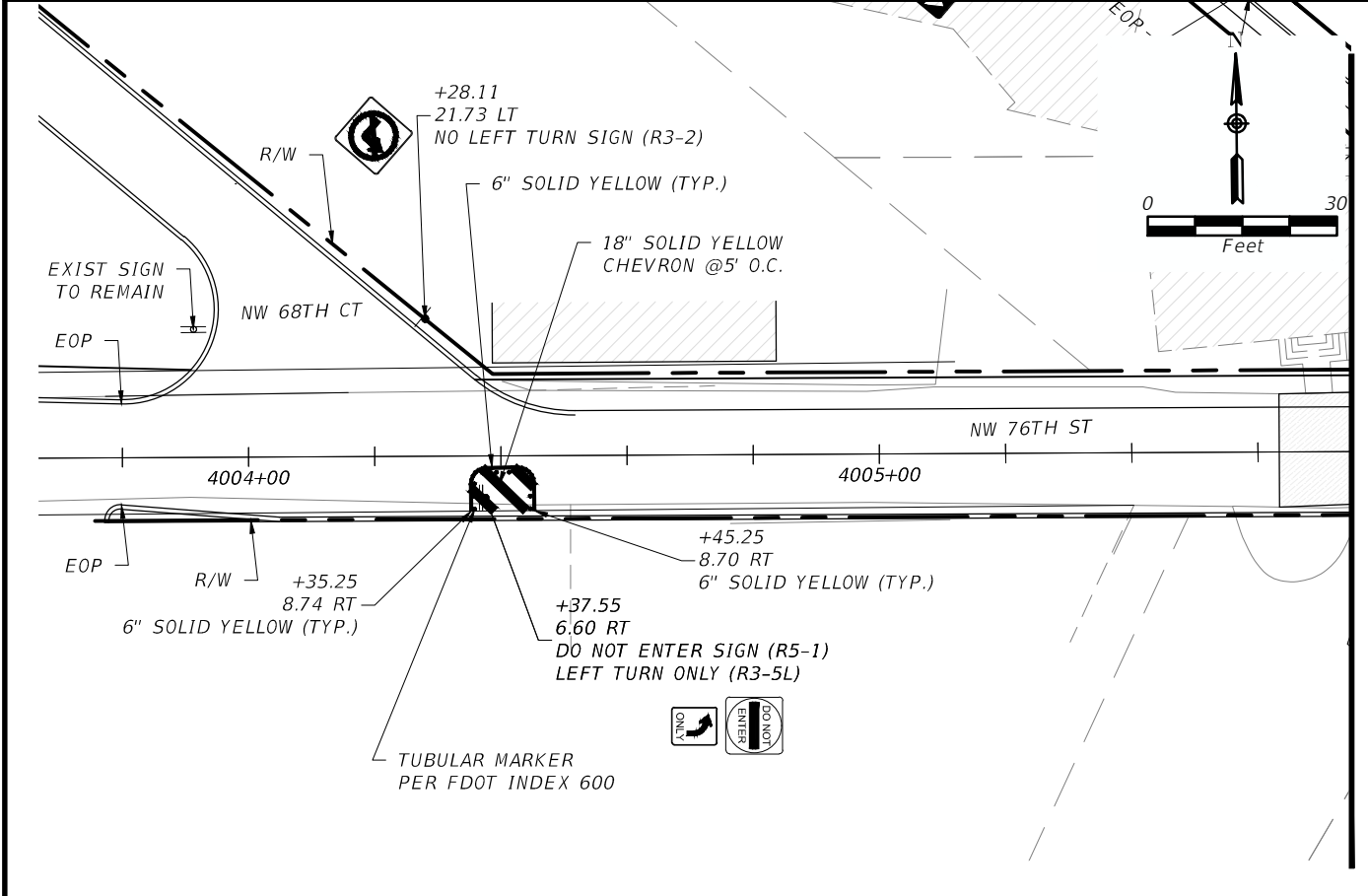
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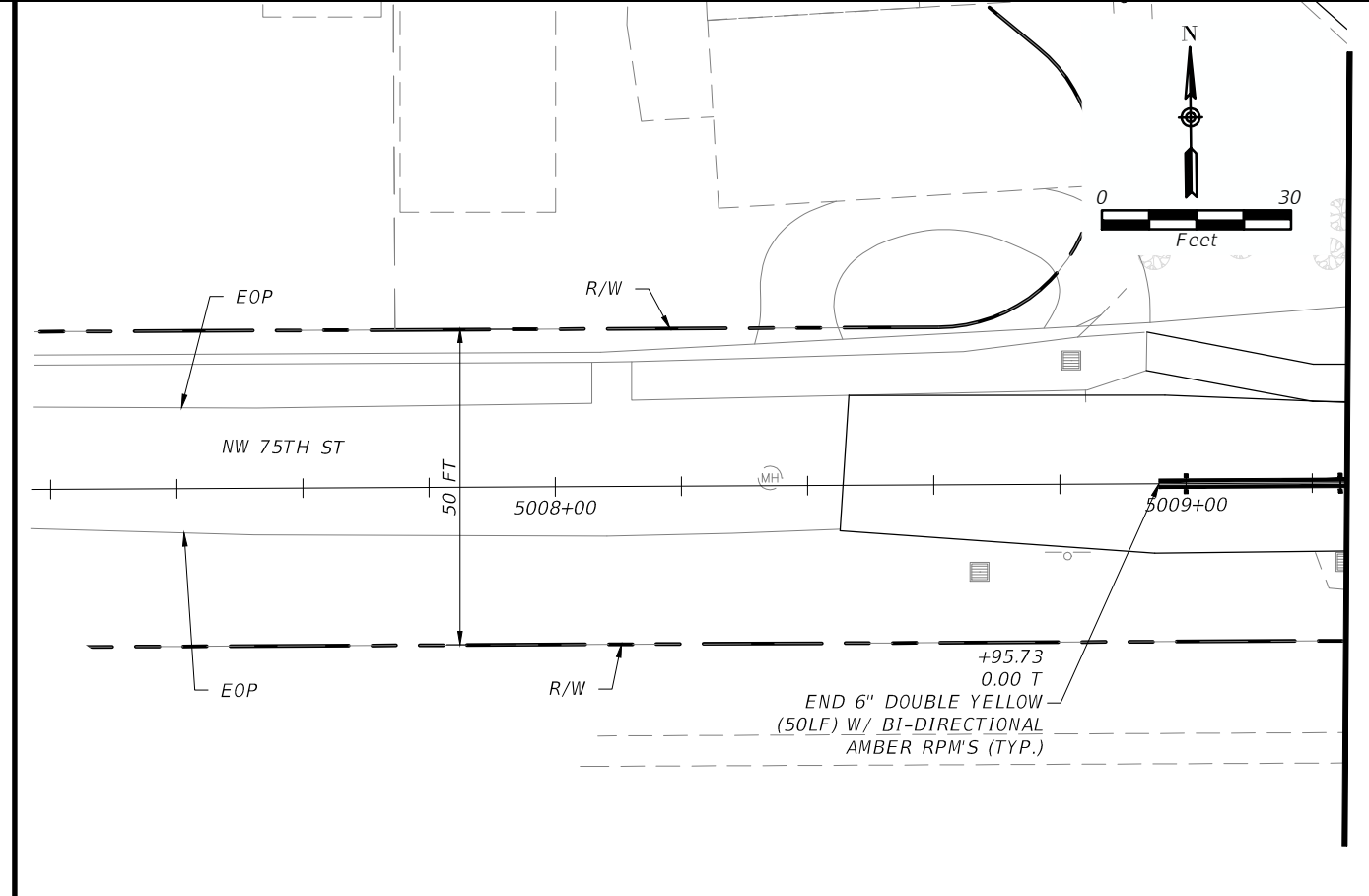
MATCHLINE STA. 2012+75.00



MATCHLINE STA. 3011+25.00



MATCHLINE STA. 4005+75.00



MATCHLINE STA. 5009+25.00

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815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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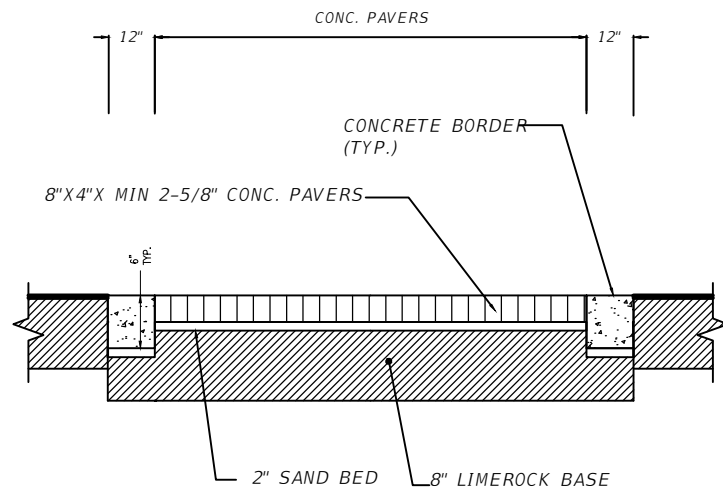


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

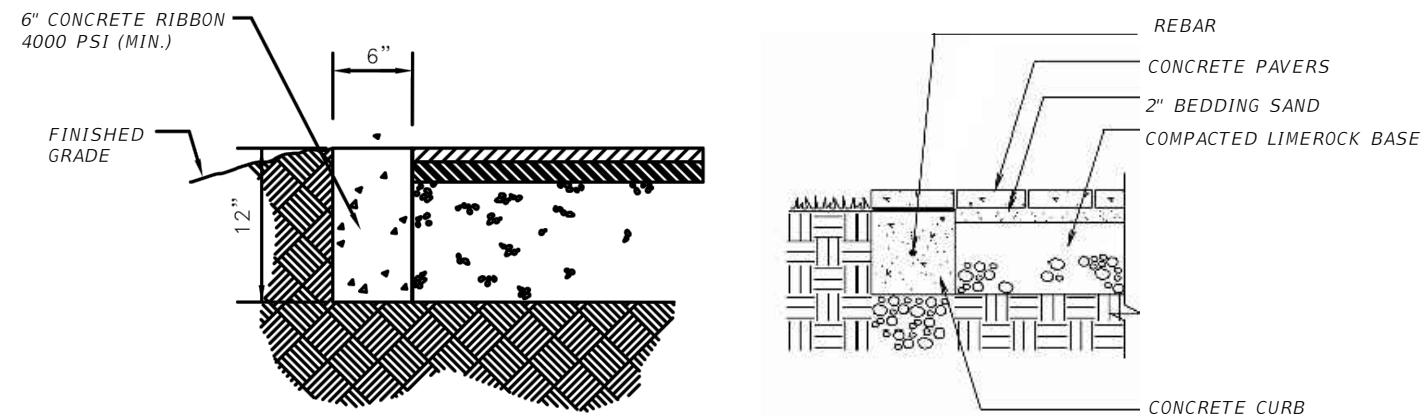
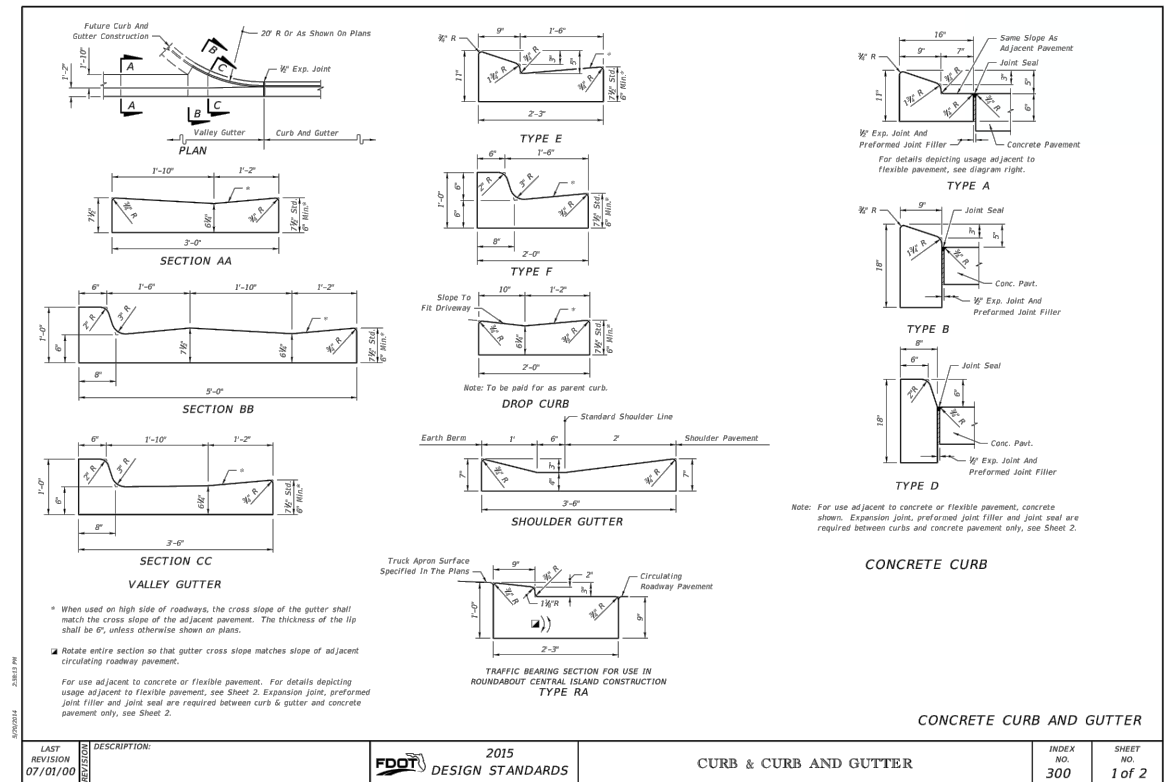
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

SIGNING & PAVEMENT MARKING PLAN
(5 OF 5)

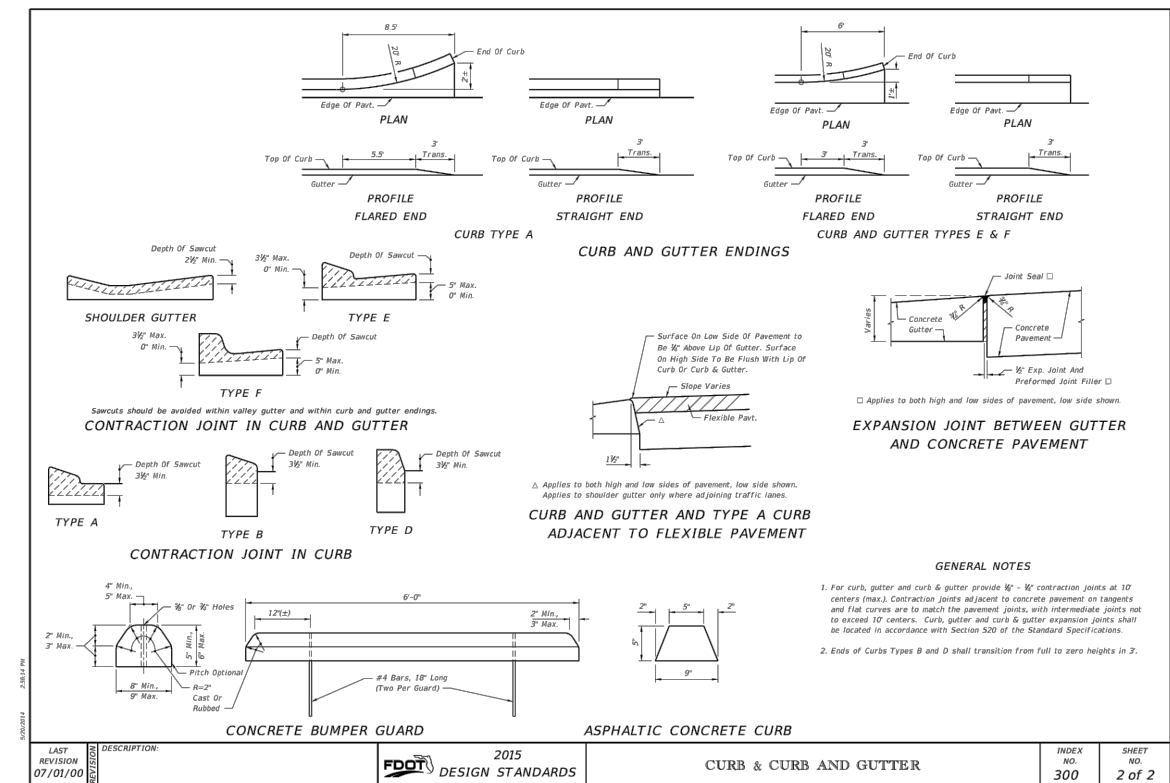
SHEET NO.
C-9.5



TYPICAL PAVERS DETAILS



CONCRETE RIBBON CURB DETAILS



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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

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PAVING GRADING AND
DRAINAGE DETAILS
(1 OF 6)

SHEET NO.
C-10.1

NOTE:

PLACE #10/10 6X6 WIRE MESH IN THE PORTION OF THE SIDEWALK THAT CROSSES THE DRIVEWAY ONLY.

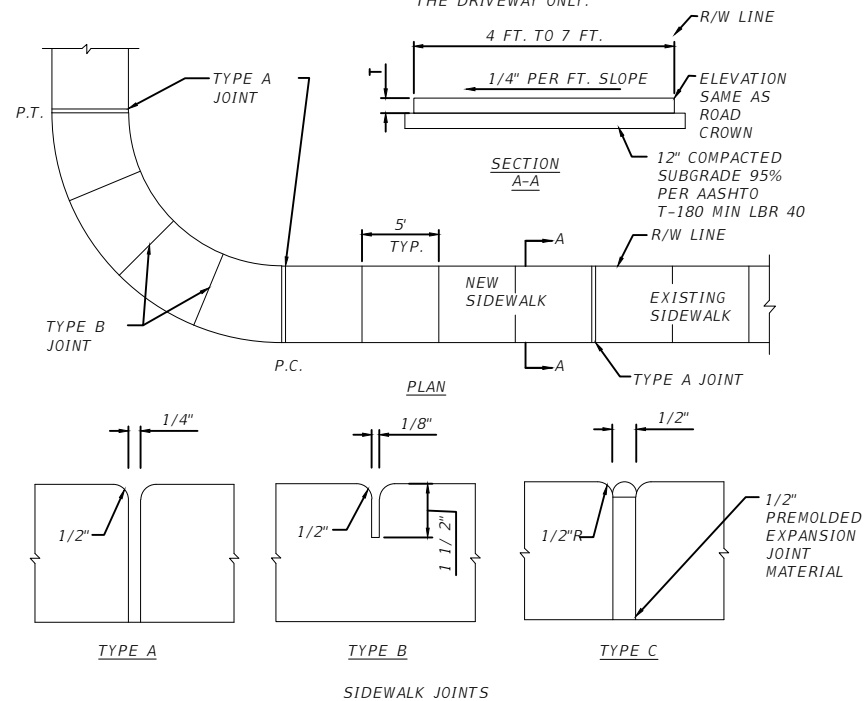
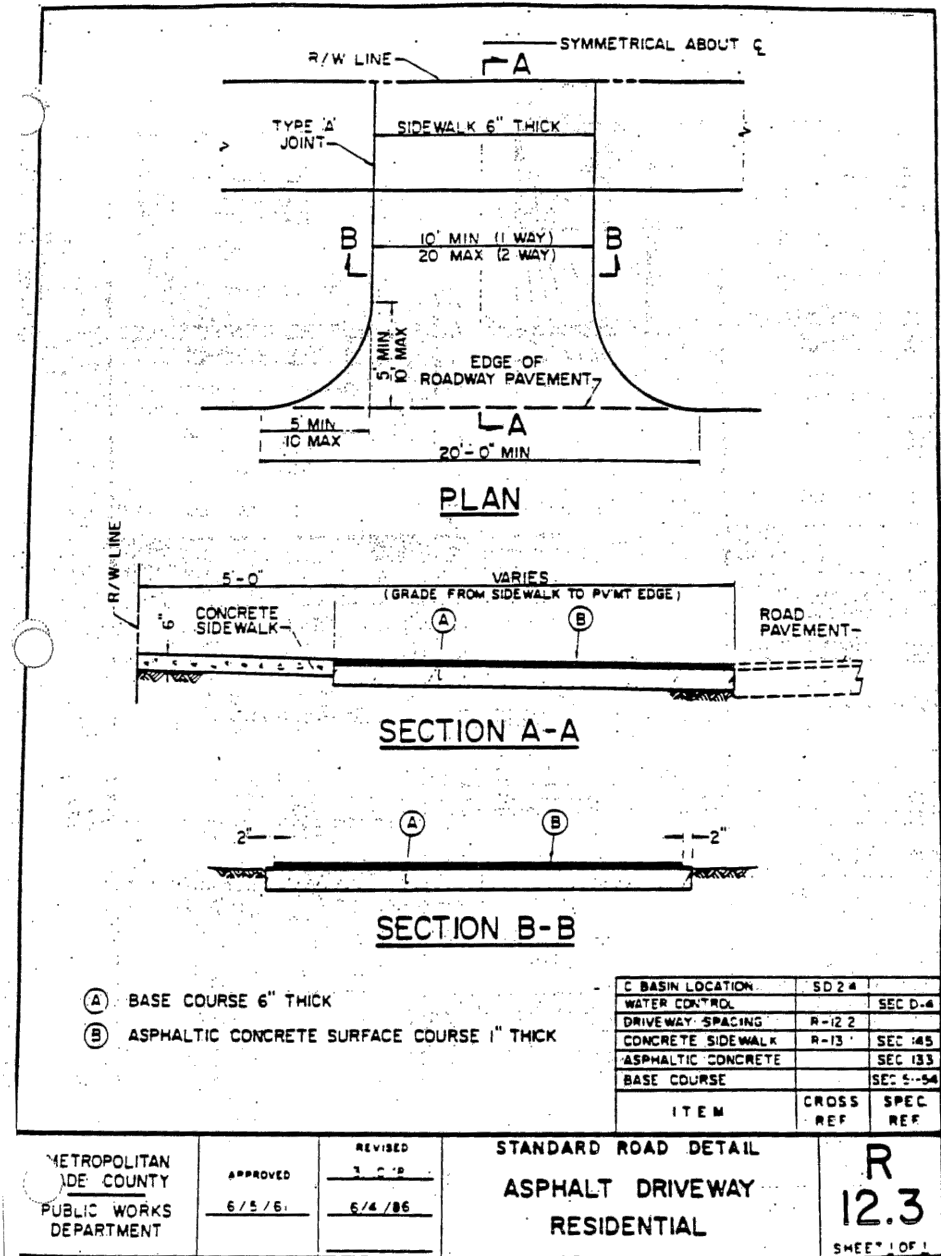
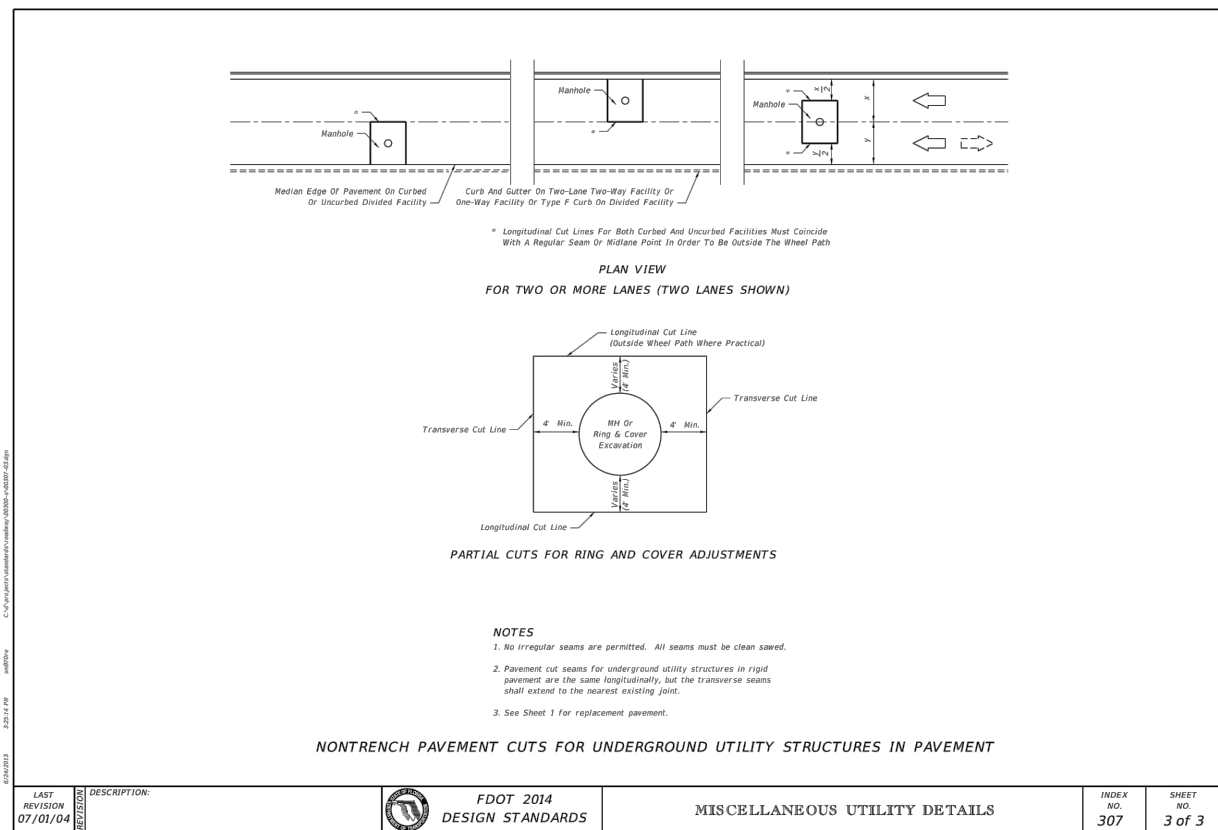


TABLE OF SIDEWALK JOINTS	
	LOCATION
A	P.C. AND P.T. OF CURVES. JUNCTION OF EXISTING AND NEW SIDEWALK.
B	5'-0" CENTER TO CENTER ON SIDEWALK.
C	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES

TABLE OF SIDEWALK THICKNESS - T	
LOCATION	T
RESIDENTIAL AREAS	6"
AT DRIVEWAYS AND OTHER AREAS	6"



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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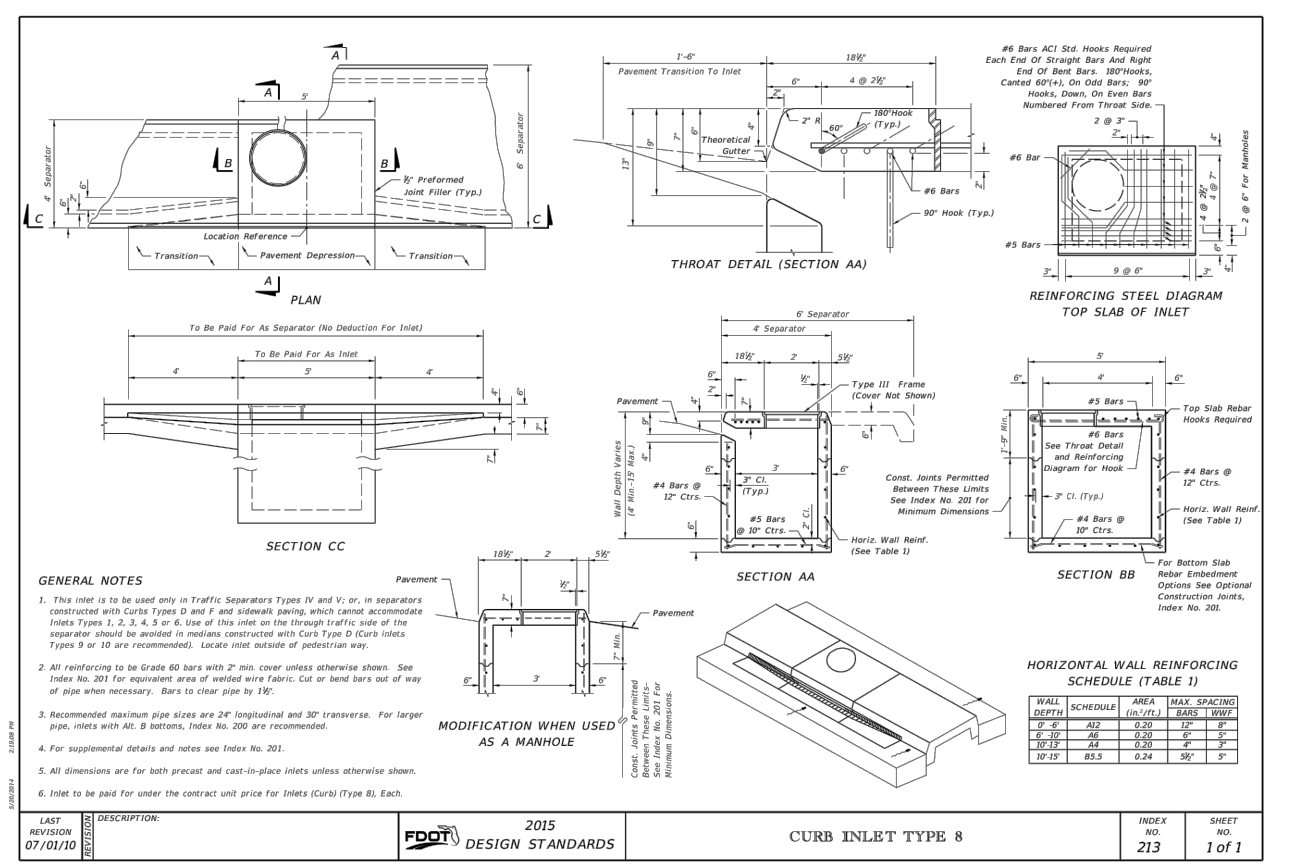
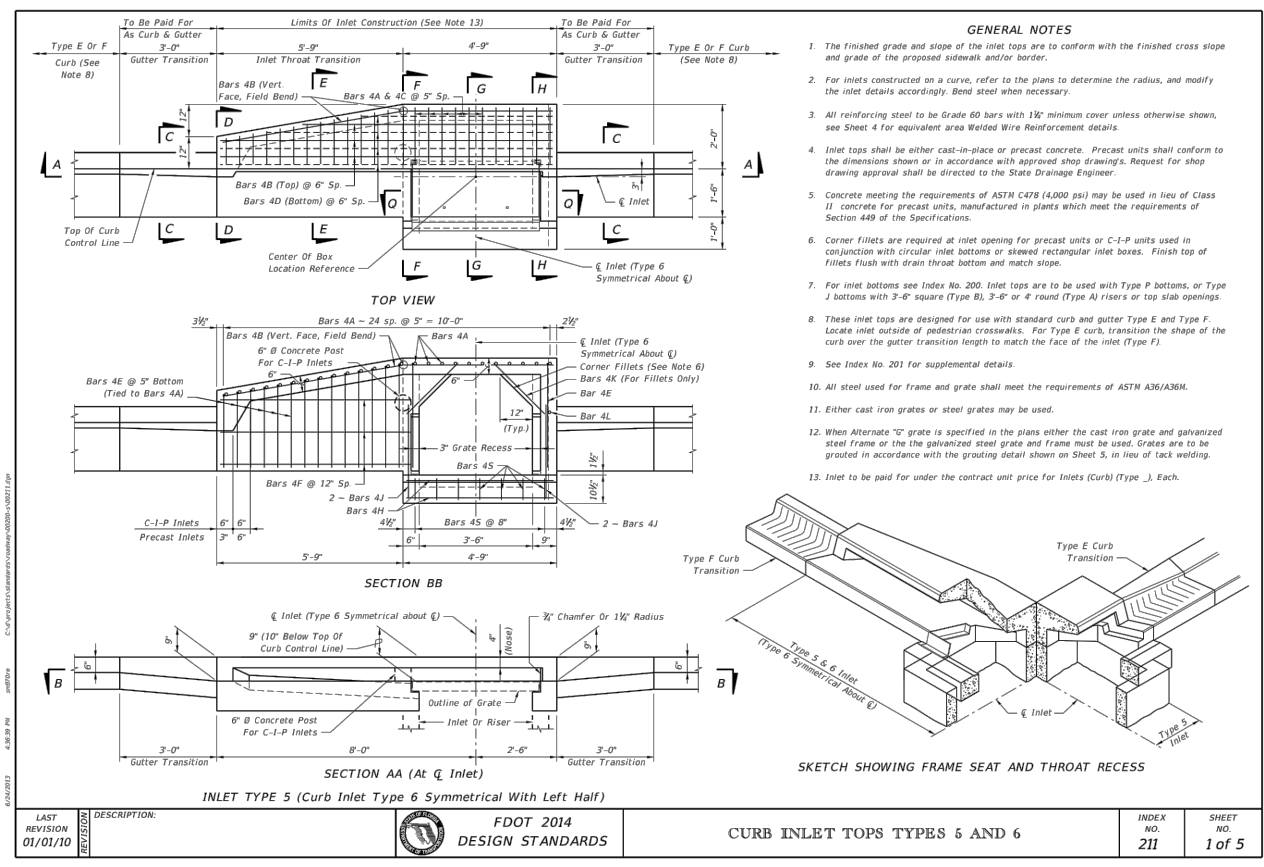
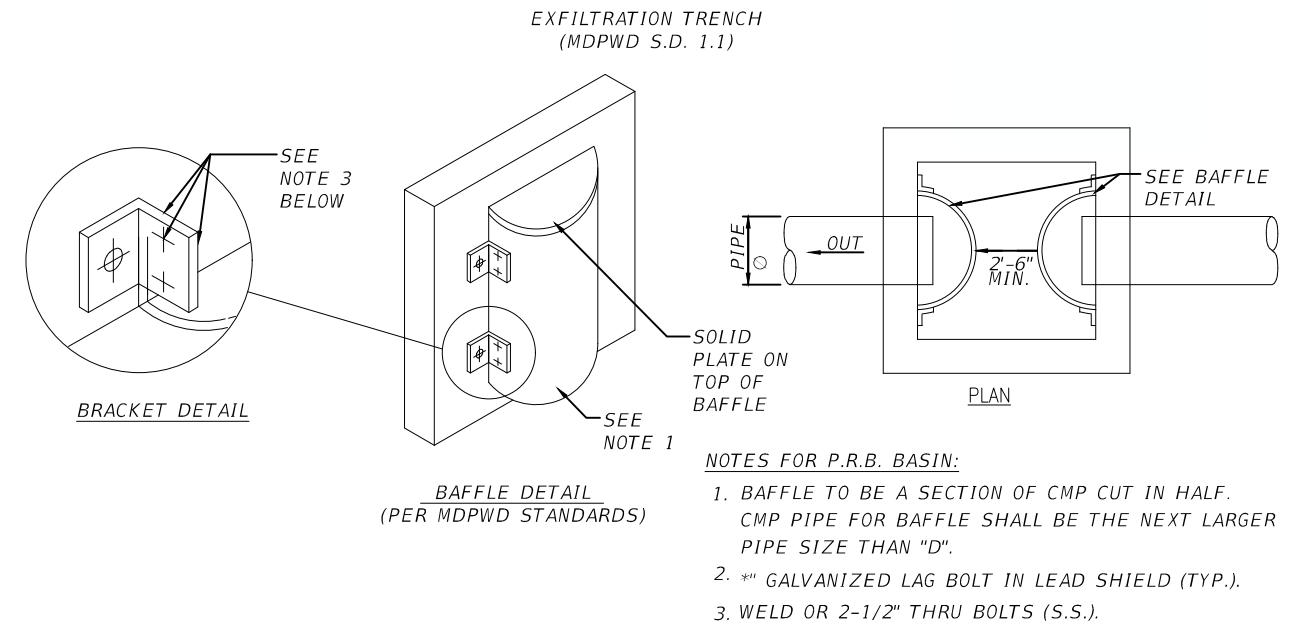
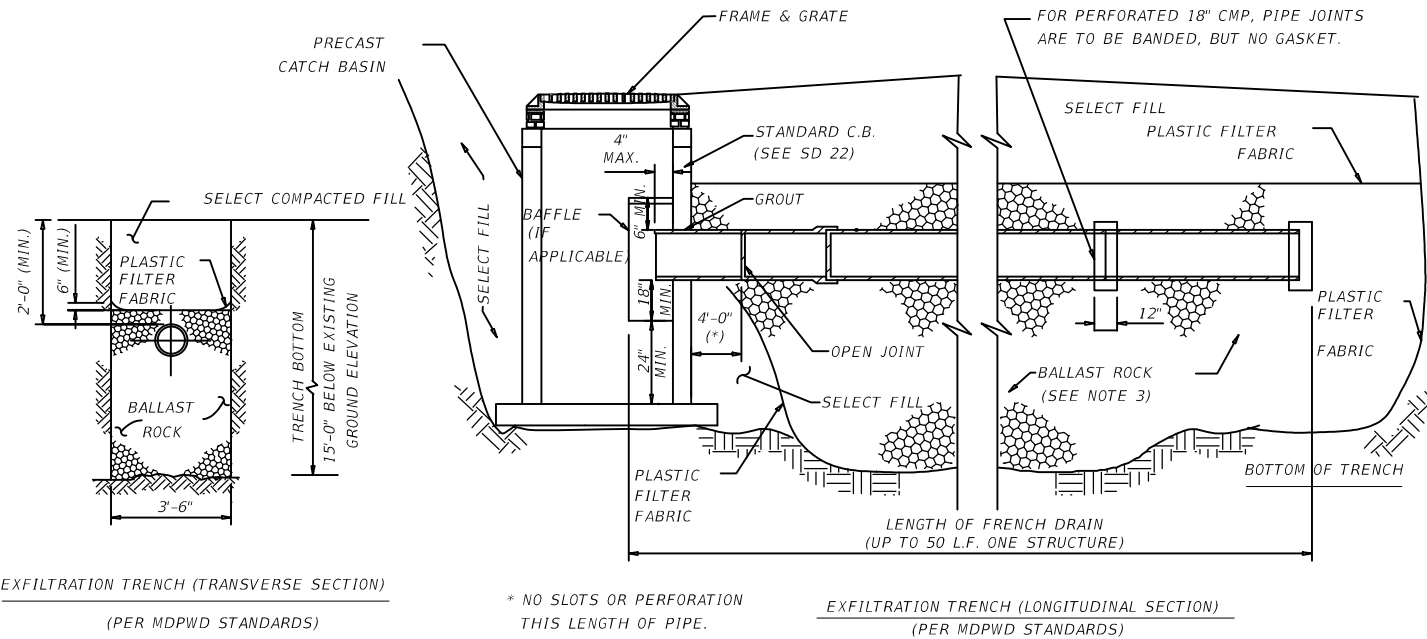
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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

PAVING GRADING AND DRAINAGE DETAILS
(2 OF 6)

SHEET NO. C-10.2



REVISIONS			
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P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

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PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

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PAVING GRADING AND DRAINAGE DETAILS
(3 OF 6)

SHEET NO. C-10.3

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GENERAL NOTES

- These inlets are designed for use in ditches, medians, pavement areas, or other areas subject to heavy wheel loads, minimal debris, and bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet. When inlet is placed in areas subject to bicycle traffic, install filler bar when clearance or gap is greater than 1" as shown in Index 218 Inset B.
- When Alternate G grate is specified in plans, the grate is to be hot dip galvanized after fabrication.
- These inlets may be used with Alternate B structure bottoms, Index 200. The inlet and bottom combinations are to be paid for under the contract unit price for inlets (OT BOT) (Type F for 6" (1) Bot, Depth, Etc).
- All exposed edges and corners shall be 1/4" chamfer or tool to 1/4" radius.
- For supplemental details, see Index 201.
- All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. Bars to be cut or bent for 1 1/2" clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening, as shown.
- All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

RECOMMENDED MAXIMUM PIPE SIZES

INLET INSIDE WIDTH	PIPE SIZE
2'-0" (Type F)	18"
4'-0" (Type F)	30"
4'-10" / 5'-0" (Type G)	42"

TYPE F INLET (TABLE 1)

WALL DEPTH	SCHEDULE	AREA (sq/ft)	MAX. SPACING	BARS	WWF
0'-4"	A12	0.20	12"	6"	5"
4'-7"	A6	0.20	6"	5"	5"
7'-12"	B5.5	0.24	5 1/2"	5"	5"
12'-15"	Special 1	0.267	5"	4"	4"

TYPE G INLET (TABLE 2)

WALL DEPTH	SCHEDULE	AREA (sq/ft)	MAX. SPACING	BARS	WWF
0'-3"	A12	0.20	12"	6"	5"
3'-7"	A6	0.20	6"	5"	5"
7'-10"	B5.5	0.24	5 1/2"	5"	5"
10'-15"	C6.5	0.37	6 1/2"	6"	6"

FDOT 2014 DESIGN STANDARDS
DITCH BOTTOM INLET TYPES F AND G
INDEX NO. 233 SHEET NO. 1 of 2

GENERAL NOTES

- Type of ditch pavement shall be as shown on plans.
- In concrete ditch pavement, contraction joints are to be spaced at 25' maximum intervals, or as directed by the Engineer. Contraction joints may be either formed (construction joints) or tooled. No open joints will be permitted in concrete ditch pavement.
- Lip at end of ditch pavement shall normally be located downstream of DPI or on flatter grades where there is a decrease in ditch velocity.
- Towwalls are to be used with all ditch paving. A towwall is not required adjacent to drainage structures.
- When directed by the Engineer, weep hole spacing may be reduced to 5' minimum.
- For ditch pavements requiring filter fabric, the fabric shall be placed directly beneath the pavement for the entire length and width of the pavement. When weep holes with aggregate are used, the filter fabric shall be placed below the aggregate to form a mat continuous with or overlapping the pavement fabric. (See Index No. 199 For fabric type and application).
- Ditch pavement requiring reinforcement shall be detailed in the plan.
- Cost of plastic filter fabric to be included in the contract unit price for ditch pavement.
- Sodding to be paid for under contract unit price for Performance Turf, Sr.

FDOT 2014 DESIGN STANDARDS
DITCH BOTTOM INLET TYPES F AND G
INDEX NO. 233 SHEET NO. 2 of 2

SCHEDULE OF BELL REINFORCEMENT
Classes II, III, IV, V, Wall A, B, C

Nominal Pipe Diameter	Design Bell Reinforcement in ² per foot	Maximum Under Tolerance in ² per foot
15"	0.08	0.010
18"	0.07	0.010
24"	0.09	0.010
30"	0.12	0.010
36"	0.14	0.010
42"	0.16	0.010
48"	0.19	0.011
54"	0.21	0.012
60"	0.23	0.0135
66"	0.26	0.015
72"	0.28	0.0165
78"	0.30	0.018
84"	0.33	0.0195
90"	0.35	0.021
96"	0.37	0.0225
102"	0.40	0.024
108"	0.42	0.0255

DETAIL OF BELL & SPIGOT CONCRETE PIPE JOINT USING ROUND OR PROFILE RUBBER GASKET

CONCRETE COLLAR FOR EXTENSION OF EXISTING PIPE CULVERTS

CONCRETE COLLAR FOR JOINING MAINLINE PIPE AND STUB PIPE

FDOT 2015 DESIGN STANDARDS
MISCELLANEOUS DRAINAGE DETAILS
INDEX NO. 280 SHEET NO. 1 of 3

WEEP HOLE ARRANGEMENT

PAVED DITCH END TREATMENT

GENERAL NOTES

- Type of ditch pavement shall be as shown on plans.
- In concrete ditch pavement, contraction joints are to be spaced at 25' maximum intervals, or as directed by the Engineer. Contraction joints may be either formed (construction joints) or tooled. No open joints will be permitted in concrete ditch pavement.
- Lip at end of ditch pavement shall normally be located downstream of DPI or on flatter grades where there is a decrease in ditch velocity.
- Towwalls are to be used with all ditch paving. A towwall is not required adjacent to drainage structures.
- When directed by the Engineer, weep hole spacing may be reduced to 5' minimum.
- For junction of R/W ditch spillway and lateral ditch, sides of paving to be 1' high minimum.
- For ditch pavements requiring filter fabric, the fabric shall be placed directly beneath the pavement for the entire length and width of the pavement. When weep holes with aggregate are used, the filter fabric shall be placed below the aggregate to form a mat continuous with or overlapping the pavement fabric. (See Index No. 199 For fabric type and application).
- Ditch pavement requiring reinforcement shall be detailed in the plan.
- Cost of plastic filter fabric to be included in the contract unit price for ditch pavement.
- Sodding to be paid for under contract unit price for Performance Turf, Sr.

FDOT 2014 DESIGN STANDARDS
DITCH PAVEMENT AND SODDING
INDEX NO. 281 SHEET NO. 1 of 2

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

EAC Consulting, Inc.
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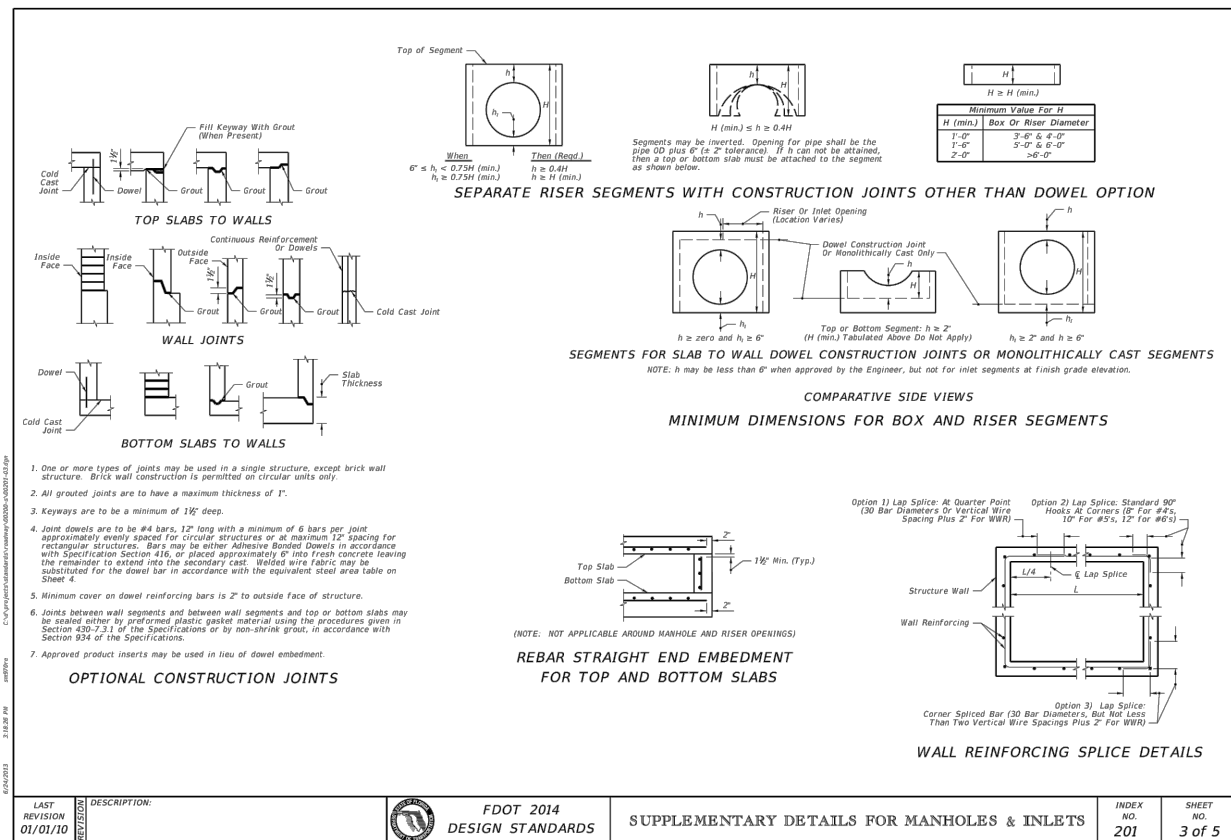
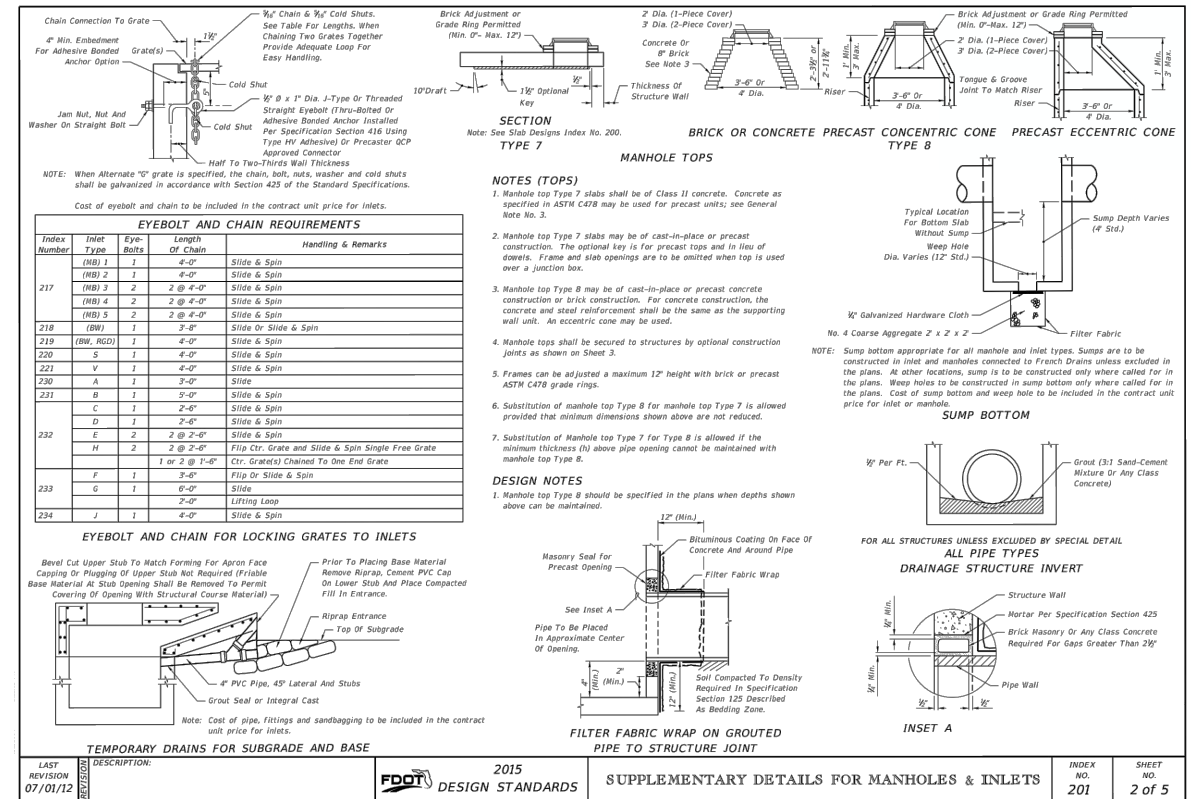
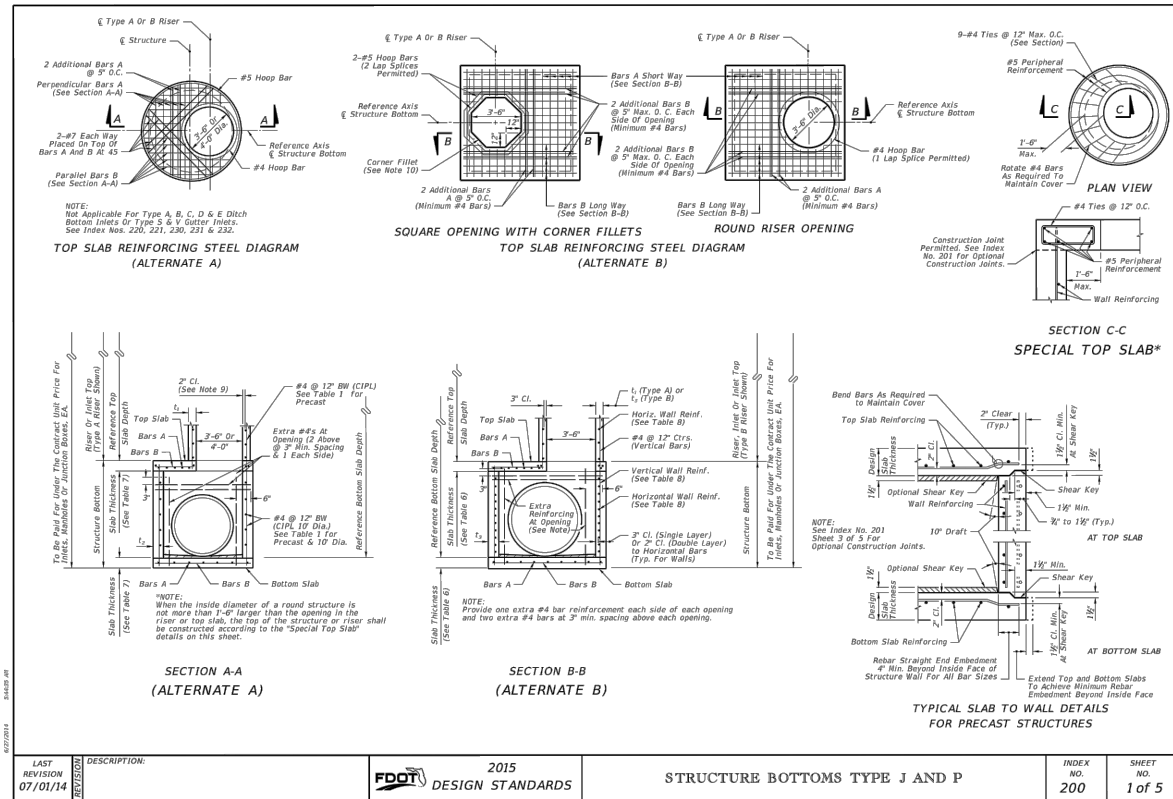
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DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

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PAVING GRADING AND DRAINAGE DETAILS
(4 OF 6)

SHEET NO. C-10.4



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MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

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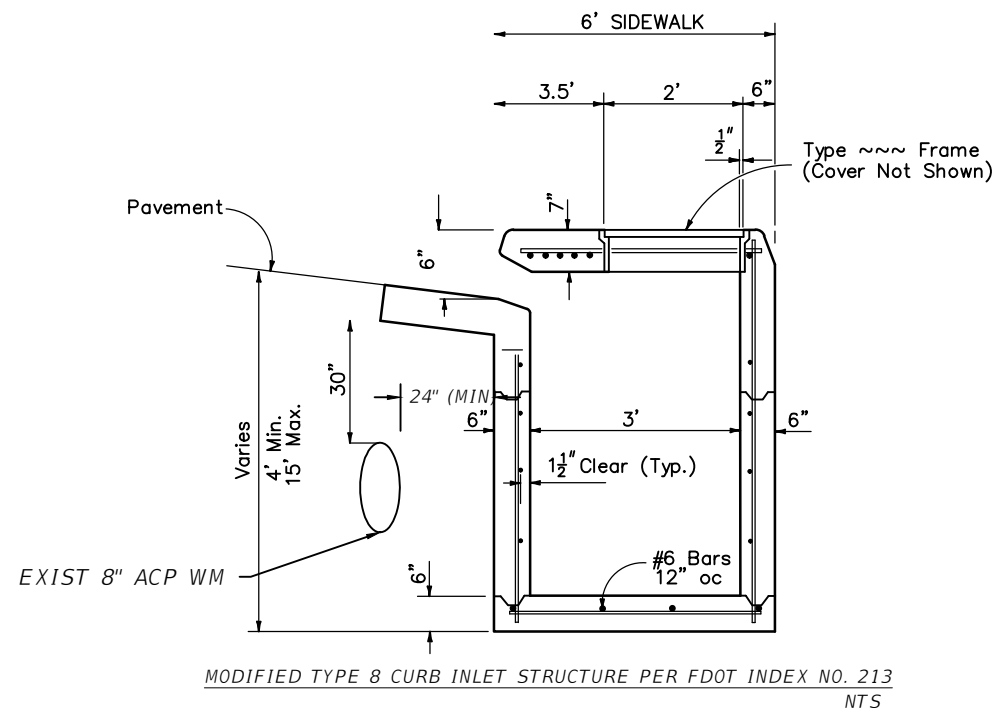
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COUNTY: MIAMI-DADE

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PAVING GRADING AND DRAINAGE DETAILS
(5 OF 6)

SHEET NO. C-10.5

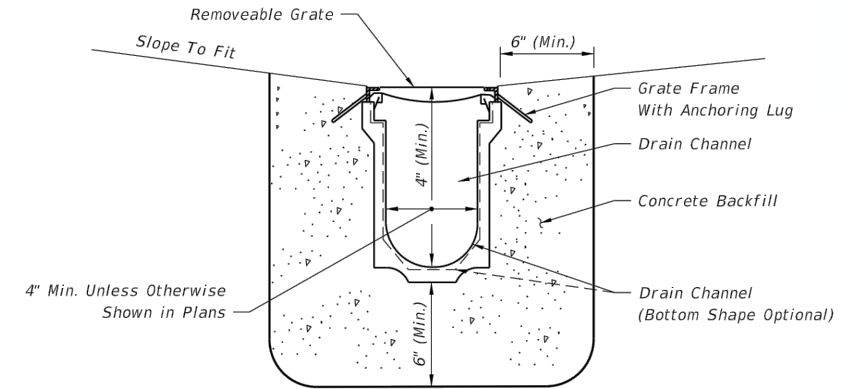
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MODIFIED TYPE 8 CURB INLET STRUCTURE PER FDOT INDEX NO. 213
NTS

NOTE:

- ALL DRAINAGE STRUCTURES SHOWN ON THESE PLANS MUST BE DESIGNED BY A QUALIFIED STRUCTURAL ENGINEER, LICENSED IN THE STATE OF FLORIDA. ENSURING THAT THESE DESIGNS HAVE BEEN CERTIFIED BY A PROFESSIONAL ENGINEER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE EOR WILL ONLY BE CHECKING SHOP DRAWINGS FOR PLANOMETRICS AND ELEVATION DIMENSIONS FOR CONFORMANCE WITH THE PLANS. SHOP DRAWINGS REVIEWS BY THE EOR WILL NOT INCLUDE THE ASSESSMENTS FOR STRUCTURAL DESIGN OR INTEGRITY.



PREFORMED CHANNEL WITH REMOVABLE GRATE

SEE SHEET 2 FOR TYPICAL LOCATIONS

TYPE II

TRENCH DRAIN DETAILS PER FDOT INDEX NO. 206
NTS

* NOTE: "R" DIMENSION IS MEASURED FROM THE SPRINGLINE (THE WIDEST PORTION OF THE PIPE ARCH) TO THE LOWEST PORTION OF THE INVERT.

2 2/3"X1/2" PIPE ARCH DIMENSIONS							
EQUIVALENT DIAMETER (IN)	SPAN (IN)	RISE (IN)	WATERWAY AREA SQ.FT.	LAYOUT DIMENSIONS			
				B	Rc	Rl	Rb
15	17	13	1.1	4 1/8	3 1/2	8 5/8	25 5/8
18	21	15	1.6	4 7/8	4 1/8	10 3/4	33 1/8
21	24	16	2.2	5 5/8	4 7/8	11 7/8	34 5/8
24	28	20	2.9	6 1/2	5 1/2	14	42 1/4
30	35	24	4.5	8 1/8	6 7/8	17 7/8	55 1/8
36	42	29	6.5	9 3/4	8 1/4	21 1/2	66 1/8
42	48	33	8.9	11 3/8	9 5/8	25 1/8	77 1/4
48	57	38	11.8	13	11	28 5/8	88 1/4
54	64	43	14.7	14 5/8	12 3/8	32 1/4	99 1/4
60	71	47	18.1	16 1/4	13 3/4	35 3/4	110 1/4
66	77	52	21.9	17 7/8	15 1/8	39 3/8	121 1/4
72	83	57	26.0	19 1/2	16 1/2	43	132 1/4

DIMENSIONS SHOWN ARE NOT FOR SPECIFICATION PURPOSES AND ARE SUBJECT TO MANUFACTURING TOLERANCES.

CONTECH ID# 0000

CONTECH CONSTRUCTION PRODUCTS INC. PIPE-ARCH LAYOUT DETAIL CORROGATED METAL PIPE PIPE-ARCH LAYOUT DETAIL 2 2/3"X1/2" CORRUGATION 1 of 1

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SPECIFICATION FOR CORRUGATED ALUMINUM PIPE:

SCOPE:
THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE CORRUGATED ALUMINUM PIPE (CAP) SHOWN ON THE PLANS.

MATERIAL:
THE ALUMINUM COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M 197 OR ASTM B 744.

PIPE:
THE CAP SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF AASHTO M 198 OR ASTM B 745. THE PIPE SIZES, GAUGES AND CORRUGATIONS SHALL BE AS SHOWN ON THE PLANS.

ALL FABRICATION OF THE PRODUCT SHALL OCCUR WITHIN THE UNITED STATES.

HANDLING & ASSEMBLY & INSTALLATION:
SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

INSTALLATION:
SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II OR ASTM B 788 AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS, THE CONTRACTOR MUST BRING THEM TO THE ATTENTION OF THE PROJECT ENGINEER.

IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.

CONSTRUCTION LOADS:
CONSTRUCTION LOADS MAY BE HIGHER THAN FINAL LOADS. FOLLOW THE MANUFACTURER'S GUIDELINES.

CONTECH ID# 0000

CONTECH CONSTRUCTION PRODUCTS INC. 1001 GROVE STREET, MOULTON, ON A8344 PH. 1-800-338-1128 FAX. 513-425-5963

SPECIFICATION
CORROGATED PIPE
ALUMINUM
CONTECH DWG #10112644

SCALE: 1"=1'-0"
DATE: 6/13/2015
REV. BY: JGP
DATE: 6/13/2015
REV. BY: JGP
DATE: 6/13/2015
SHEET: 1 of 1

ARCH PIPE PER CONTECH CONSTRUCTION PRODUCTIONS OR APPROVED EQUAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM



TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

PAVING GRADING AND
DRAINAGE DETAILS
(6 OF 6)

SHEET NO.
C-10.6

PAVEMENT ARROW AND MESSAGE DETAILS

NOTE: When arrow and pavement message are used together, the arrow shall be located down stream of the pavement message and shall be separated from the pavement message by a distance of 25' (Base of the arrow to the base of the message). Stop message shall be placed 25' from back of stop line.

TYPES OF PAVEMENT MARKING LINES

- Solid Yellow Edge Line
- 7'-4" Guide Line
- Two-Lane Passing Prohibited (Yellow)
- Double Solid Yellow (Or White)
- 10'-30" Skip White or Yellow Center Line
- Solid White Edge Line or Lane Line
- 6'-10" Dotted Extension Line
- Solid White Channelizing Line
- 3'-9" Skip White Interchange Line
- 3'-9" Skip Lane Drop Line
- 10' White Skip With Black Contrast, With 30' Gaps
- 10' White Skip White 10' Black Contrast and 20' Gaps
- 10' Black Contrast
- Yield Lines 5'-18" X 22" White triangles facing traffic equally spaced within travel lane with 1 additional triangle using same spacing when a bike lane is present.

CONTRAST MARKINGS

YIELD MARKINGS

LAST REVISION: 07/01/14 DESCRIPTION: 2015 DESIGN STANDARDS SPECIAL MARKING AREAS INDEX NO. 17346 SHEET NO. 1 of 14

SPECIAL MARKING AREAS

Use Stop Bar At Signalized Intersection Only

SCHEME ONE
300' Max. Intervals Between Double Arrows. For use in congested urban areas where available storage length between intersections is limited and a permanent point of transition from the two-way turning lane to the exclusive turning lane can not be determined.

SCHEME TWO
300' Max. Intervals Between Double Arrows. For use in rural & suburban areas where an adequate storage lane length can be specifically determined.

TYPICAL CROSSWALK MARKINGS FOR CURB RAMP

LAST REVISION: 07/01/14 DESCRIPTION: 2015 DESIGN STANDARDS SPECIAL MARKING AREAS INDEX NO. 17346 SHEET NO. 3 of 14

RESTRICTED LEFT TURN MARKING

These markings may be used for locations with restricted left turn lengths, only when called for in plans.

RIGHT TURN LANE DROP AND ISLAND DETAILS

RIGHT TURN LANE DROP IS MIRROR IMAGE

STOP BARS, CROSSWALKS AND DOUBLE CENTER LINE DETAILS

NOTES:
1. When public sidewalk curb ramps are present, refer Index No. 17344 and Index No. 304 for crosswalk widths.
2. Double yellow longitudinal center lines on all roadway approaches shall be extended back 100' for projects involving intersection improvements only.
3. When specified, "stop" message shall be placed 25' back of stop lines.

LAST REVISION: 07/01/14 DESCRIPTION: 2015 DESIGN STANDARDS SPECIAL MARKING AREAS INDEX NO. 17346 SHEET NO. 4 of 14

PAVEMENT MARKING FOR PUBLIC SIDEWALK CURB RAMP IN REST AREAS

MINIMUM PARKING RESTRICTION FOR NONSIGNALIZED INTERSECTIONS

GENERAL NOTES (Signalized & Nonsignalized)

- For entrances to a one-way street, the downstream restriction may be reduced to 20'.
- Parking shall not be allowed within 20' of a crosswalk.
- All parking lane markings shall be 6" white.
- Parking lane lines shall be broken at driveways.
- Refer to Chapter 316, Fla. Statutes, for laws governing parking spaces.
- Where curb and gutter is used, the gutter pan width may be included as part of the minimum width of parking lane, but preferably the lane width should be in addition to that of the gutter pan.

TYPE I
No Parking Zone - Yellow Curb (Optional)

TYPE II
No Parking Zone - Yellow Curb (Optional)

TYPE III
No Parking Zone - Yellow Curb (Optional)

UNIVERSAL SYMBOL OF ACCESSIBILITY

LAST REVISION: 07/01/09 DESCRIPTION: 2015 DESIGN STANDARDS SPECIAL MARKING AREAS INDEX NO. 17346 SHEET NO. 12 of 14

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

SIGNING AND PAVEMENT DETAILS
(1 OF 4)

SHEET NO. C-11.1

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SINGLE COLUMN GROUND SIGN NOTES:

- DESIGN WIND SPEED: See Wind Speeds by County.
- GENERAL SPECIFICATIONS: Current FDOT Standard Specifications for Road and Bridge Construction and supplements thereto.
- DESIGN SPECIFICATIONS: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, as modified by the FDOT Structures Manual.
- ALUMINUM: Aluminum Materials shall meet the requirements of Aluminum Association Alloy 6061-T6 (ASTM B209, B221, or B308), except as noted below.
- CONCRETE: Class I.
- SIGN PANELS: 0.08 inches min. thick Aluminum Plate with all corners rounded.
- ALUMINUM BOLTS, NUTS, AND LOCK WASHERS:
 - Aluminum bolts: ASTM F468, Alloy 2024-T4 with at least 0.0002 inches thick anodic coating and chromate sealant.
 - Nuts: ASTM F407, Alloy 6061-T6 or 6262-T3.
 - Lockwashers: ASTM B321, Alloy 7075-T6.
- STAINLESS STEEL BOLTS, NUTS, AND LOCK WASHERS:
 - Stainless Steel Bolts, Nuts, and Lockwashers: ASTM F593 and ASTM F594, Alloy Group 2, Condition A, CW2, or SM4 may be provided in lieu of Aluminum Bolts, Nuts, and Washers.
 - U-bolts, Nuts, and Lockwashers: ASTM A307, Grade A, galvanized in accordance with ASTM F339.
- BREAKAWAY SUPPORTS REQUIREMENTS: Install non-frangible aluminum column (post) (larger than 3/4") with breakaway supports as shown on Sheet 5. Signs shielded by barrier wall or guardrail do not require breakaway support.

GUIDE TO USE THIS STANDARD:

- Calculate the area and the centroid for an individual sign or a sign cluster. Note that the centroid and areas have been calculated for frequently used sign clusters. These are shown on Sheet No. 6, 7 & 8 of 8.
- Determine the height 'H' from groundline for the individual sign or the cluster.
- Select the appropriate Column (Post) Selection Tables by Wind Speed and find the intersection point.
- Design the post and the foundation according to the dark-bold lines or shaded area (if cantilever sign) in the Column (Post) Selection Tables and Post and Foundation Table. For sign posts with signs oriented in two directions, only the sign with the largest area should be analyzed to determine the post requirements.

EXAMPLE:

Size H x V	local 'x'	global 'x'	'A'	'x _n '	'x _n ' x 'A _n '	'x _n ' x 'V _n '
(in. x in.)	(in.)	(in.)	(in ²)	(in.)	(in ³)	(in ³)
① 21 x 15 7.5	-10.5	-13.5	7.5	315	-4,252.5	2,362.5
② 21 x 15 7.5	10.5	13.5	7.5	315	+4,252.5	2,362.5
③ 24 x 24 12	-12	-15	15	576	-7,776	16,128
④ 24 x 24 12	12	15	15	576	+7,776	16,128
⑤ 24 x 12 6	-12	-15	6	144	-2,160	1,296
⑥ 24 x 12 6	12	15	6	144	+2,160	1,296
⑦ 24 x 12 6	-12	-15	6	144	-2,160	1,296
⑧ 24 x 12 6	12	15	6	144	+2,160	1,296
TOTALS			2,218	-1,890	60,133	34,812

$\Sigma(A_n) = 2,218 \text{ in}^2 = 15.4 \text{ ft}^2$ $\Sigma(x_n \times A_n) = -1,890 \text{ in}^3 = -1.09 \text{ ft}^3$ $\Sigma(x_n \times V_n) = 60,133 \text{ in}^3 = 34.8 \text{ ft}^3$

$x_c = \frac{\Sigma(x_n \times A_n)}{\Sigma A_n} = -0.1 \text{ ft}$ $y_c = \frac{\Sigma(x_n \times V_n)}{\Sigma A_n} = 2.26 \text{ ft}$

Assume: Bay County, 'A' = 1 ft, 'B' = 7 ft.
 Calculated: 'x_c' = -0.1 ft, 'y_c' = 2.26 ft.
 Since 'x_c' < 0, it is not a cantilever sign, only dark-bold lines in the table will be referenced to.
 'H' = 'A' + 'B' + 'y_c' = 10.26 ft. ⇒ USE 11 ft. $\Sigma(A_n) = 15.4 \text{ ft}^2$ ⇒ USE 16 ft²

ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 130 MPH)

TOTAL PANEL AREA (SF)	H (FT)												
	8	9	10	11	12	13	14	15	16	17	18	19	20
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
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29													
30													

WIND SPEEDS BY COUNTY:

110 MPH: Alachua, Baker, Bradford, Clay, Columbia, Gadsden, Gilchrist, Hamilton, Hardee, Jackson, Jefferson, Lafayette, Lake, Leon, Madison, Marion, Polk, Putnam, Sumter, Suwannee and Union counties.

120 MPH: Bay, Brevard, Calhoun, Charlotte, Citrus, De Soto, Dixie, Duval, Flagler, Franklin, Glades, Gulf, Hendry, Hernando, Highlands, Hillsborough, Holmes, Lee, Levy, Liberty, Manatee, Nassau, Oklawaha, Orange, Osceola, Pasco, Pinellas, Sarasota, Seminole, St Johns, Taylor, Volusia, Wakulla, Walton and Washington counties.

130 MPH: Broward, Collier, Dade, Escambia, Indian River, Martin, Monroe, Palm Beach, Santa Rosa and St. Lucie counties.

NOTES AND EXAMPLE:

- For WIND SPEED = 130 MPH, 'H' = 11 ft., Area = 16 ft².
- Refer to the 130 mph Column (Post) Selection Table, as copied from Sheet 3 and shown here.
- Using the 16 ft² area on the left hand side of the table, go across to the 11 ft. height and find the cell marked with 'E'.
- Find the symbol (E) which the dark-bold line under the 'E' cell leads to.
- In the Post and Foundation Table, the symbol (E) concludes that the design requires a 4.0" diameter and 0.25" thick Aluminum Column (Post) and a 2.0' diameter and 4.0' Deep Concrete Foundation.
- Symbol (E) = If CANTILEVER SIGN configuration (see Cantilever Sign Details) falls in this region, use next larger post size than that indicated.

CALCULATION OF SIGN CLUSTER CENTROID:

$$x_c = \frac{\Sigma(x_n \times A_n)}{\Sigma A_n}$$

$$y_c = \frac{\Sigma(y_n \times A_n)}{\Sigma A_n}$$

'x_c' = Centroid horizontal location of sign or cluster from 'E' Column (post)
'y_c' = Centroid height of sign or cluster from bottom edge
'H' = Height of sign or cluster centroid from groundline
'x_n' = Individual sign centroid horizontal location from 'E' Column (post)
'y_n' = Individual sign centroid height from bottom edge
'A_n' = Area of individual sign

For 'A' & 'B' see Index No. 17302 and Roadway Plans.

NOTE: No sign or sign cluster area shall exceed 30 SF nor shall any sign or sign cluster have a total width exceeding 60 inches. * Also applies to rotated signs.

TYPICAL SECTION

SIGN CLUSTER

STOP, **YIELD**, **RECTANGLE**, **DIAMOND**, **RAILROAD**, **SCHOOL**, **SHIELD**, **COUNTY**

CENTROID AND HEIGHT

ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 110 MPH)

TOTAL PANEL AREA (SF)	H (FT)												
	8	9	10	11	12	13	14	15	16	17	18	19	20
3													
4													
5													
6													
7													
8													
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27													
28													
29													
30													

ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 130 MPH)

TOTAL PANEL AREA (SF)	H (FT)												
	8	9	10	11	12	13	14	15	16	17	18	19	20
3													
4													
5													
6													
7													
8													
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ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 150 MPH)

TOTAL PANEL AREA (SF)	H (FT)												
	8	9	10	11	12	13	14	15	16	17	18	19	20
3													
4													
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CANTILEVER SIGN

NOTE: All cantilever sign installations shall comply with Standard Index 17302.

POST AND FOUNDATION TABLE

Post Size	Driven Post *		Concrete (Class I)		Stub Length (FT)	
	Diameter (IN)	Wall (IN)	Depth (FT) without Soil Plate	Depth (FT) with Soil Plate		
①	2.0	3/8	4.5	2.5	2.0	2.0
②	2.5	3/8	5.0	3.0	2.0	2.0
③	3.0	3/8	5.0	3.5	2.0	2.5
④	3.5	3/8	6.0	4.5	2.0	3.0
⑤	4.0	1/2	—	—	2.0	3.0
⑥	4.5	1/2	—	—	2.0	4.0
⑦	5.0	1/2	—	—	2.0	4.5
⑧	6.0	1/2	—	—	2.0	5.0
⑨	8.0	3/4	—	—	2.0	5.5

* INSTALLING FRANGIBLE COLUMN SUPPORTS: Columns (posts) may be installed by driving the columns in accordance with this index, or as an alternate method, the columns (posts) may be set to the depth indicated in preformed holes backfilled with suitable material tamped in layers not thicker than 6" to provide adequate compaction or filled with flowable fill or bagged concrete.

ALUMINUM SOIL PLATE DETAILS

NOTE: 1. Align Soil Plate bottom at 2/3 of foundation depth.
 2. Stick up to 1" long is allowed to accommodate various post sizes.
 3. Rectangular soil plate of size 1'-2" x 1'-0" may be used as an alternative.

BRACKET DETAIL

VIEW A-A

SIGNS BACK-TO-BACK

STOP, **YIELD**, **RECTANGLE**, **DIAMOND**, **RAILROAD**, **SCHOOL**, **SHIELD**, **COUNTY**

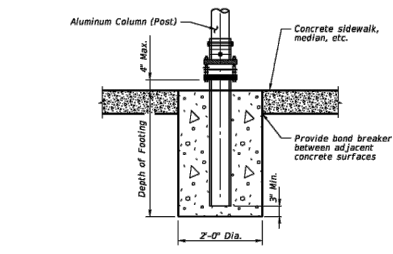
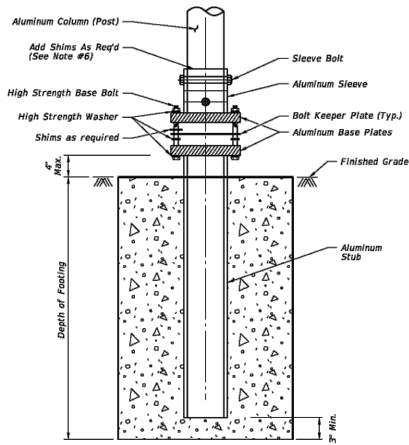
CONNECTION AND WIND BEAM

NOTE: 1. For signs with heights greater than 30' a third Zee bracket wind beam shall be installed along the 'E'.
 2. For Yield signs greater than 30' a third Zee bracket wind beam shall be installed along the 'E'.
 3. Use only one Wind Beam at 'E' Sign for sign height up to 12'.

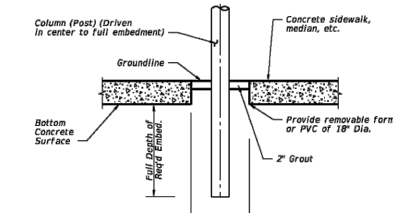
REVISIONS		REVISIONS		DATE	DESCRIPTION	DATE
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SLIP BASE NOTES:

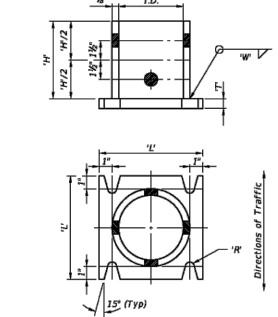
- Use sleeves with an inside diameter (I.D.) no more than 1/8" larger than the outside diameter (O.D.) of the column.
- Sleeve bolts: ASTM A-307, 1/2" Ø galvanized steel bolt (with lock nuts) or Alloy 2024-T4 or 6061-T6 (ASTM B-211).
- Base bolts, Nuts, and Washers: high strength ASTM A-325 galvanized per ASTM F2329 or Alloy 2024-T4 or 6061-T6 (ASTM B-211).
- Base plates may have either single or double beveled slots.
- Cast base plate/sleeves, made of aluminum alloy 356 and T6 temper and bolted to aluminum pipe, may be used as an alternate to fabricated base plate welded aluminum pipe stub combination. For cast base plate and sleeve bolted to aluminum pipe foundation stubs, use a foundation stub of the same size as the sign column.
- Assemble the slip base connection in the following manner:
 - Connect column to sleeve using two 1/2" Ø machine bolts.
 - Assemble top base plate to stub base plate using high strength bolts with three hardened washers per bolt. One of the three washers per bolt and two bolt keeper plates go between the base plates.
 - Orient the bolt keeper plates in the Direction of Traffic.
 - Use shim stock as required to plumb the column.
 - Tighten all bolts to the maximum possible with a 12" to 15" wrench. (This will bed the washers and shims and clear the bolt threads.)
 - Loosen each bolt one turn and using a calibrated wrench retighten to the prescribed torque (see table) under the supervision of the Project Engineer.
 - Burr threads at junction with nut using a center punch to prevent nut loosening.
- Use galvanized steel shims to obtain a tight fit between the column face and the sleeve. Place shims in all quadrants between the 1/2" Ø sleeve bolts. Use shims that are 1" shorter than the height of the sleeve. Both fabricated and cast base assemblies were impact tested by the Texas Transportation Institute, College Station, TX on February 10, 2003, and both alternate assemblies were determined to be compliant with the performance recommendations of the National Cooperative Highway Research Program (NCHRP) report 350.



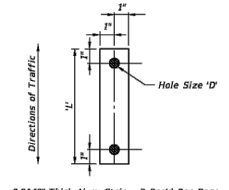
SLIP BASE AND FOOTING DETAIL IN CONCRETE (non-frangible post in crossovers, medians, & sidewalks)



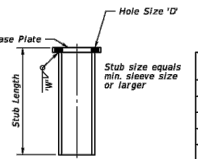
DRIVEN POST DETAIL IN CONCRETE (frangible post in crossovers, medians, & sidewalks)



ALUMINUM SLEEVE & BASE PLATE DETAILS (DOUBLE BEVELED SLOTS)



BOLT KEEPER PLATE DETAIL



STUB DETAIL

Column Size	Sleeve I.D. (Max)	Sleeve Height 'H'	Weld 'W'	Base Plate 'R'	Radius 'R'	Base Bolt Size	Length	ft.-lbs	in.-lbs	Hole Size 'D'
4 x 1/2"	4 1/2"	6	3/8"	8	3/4"	3/8"	29	345	7/8"	3/8"
4 1/2 x 1/2"	4 1/2"	6	3/8"	8	3/4"	3/8"	29	345	7/8"	3/8"
5 x 1/2"	5 1/2"	7	3/8"	8	3/4"	3/8"	29	345	7/8"	3/8"
6 x 1/2"	6 1/2"	8	3/8"	9	1"	3/8"	46	554	1"	3/8"
8 x 3/4"	8 1/4"	10	3/8"	11	1"	3/8"	53	640	1"	3/8"

Note: Unless noted otherwise, all dimensions are in inches.

SLIP BASE DETAILS

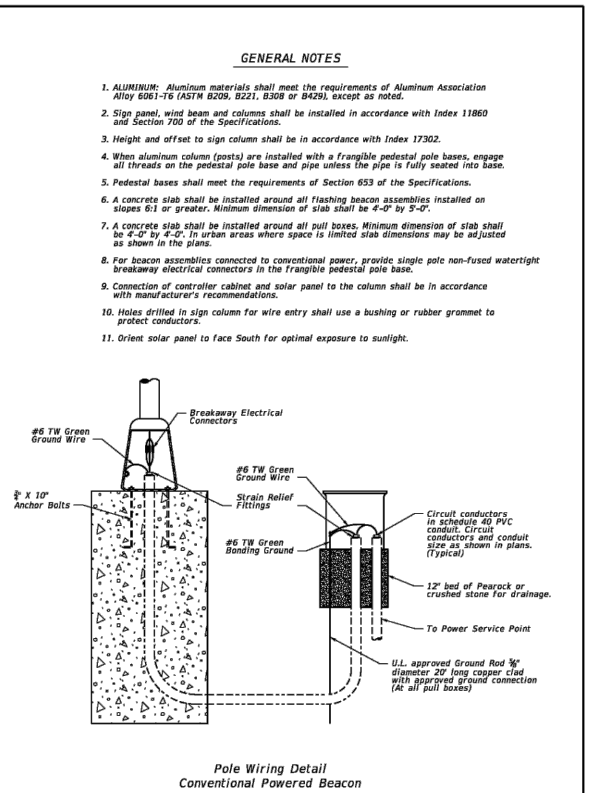
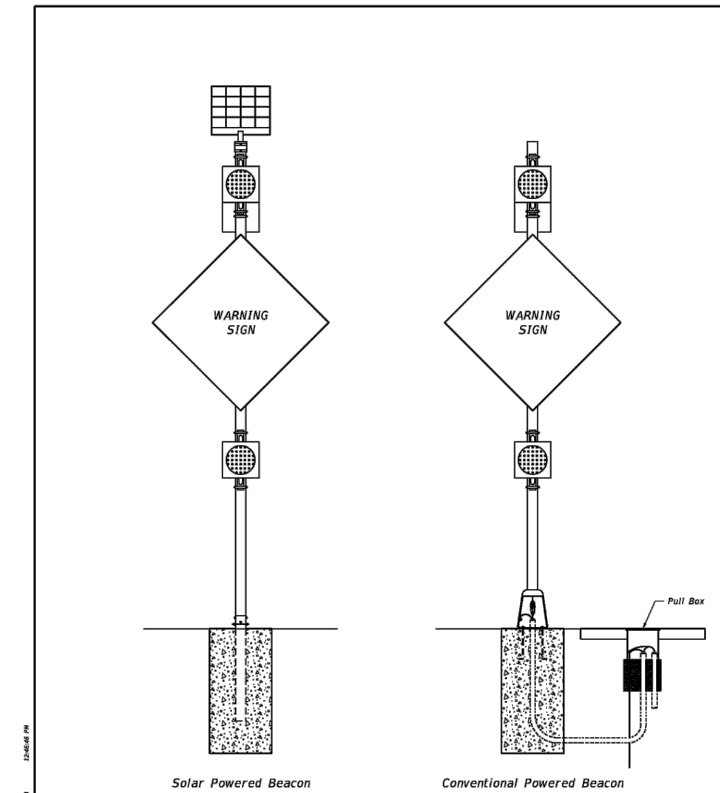
BASE AND FOUNDATION DETAILS

LAST REVISION: 07/01/14	DESCRIPTION: 2015 DESIGN STANDARDS	INDEX NO. 11860	SHEET NO. 5 of 8
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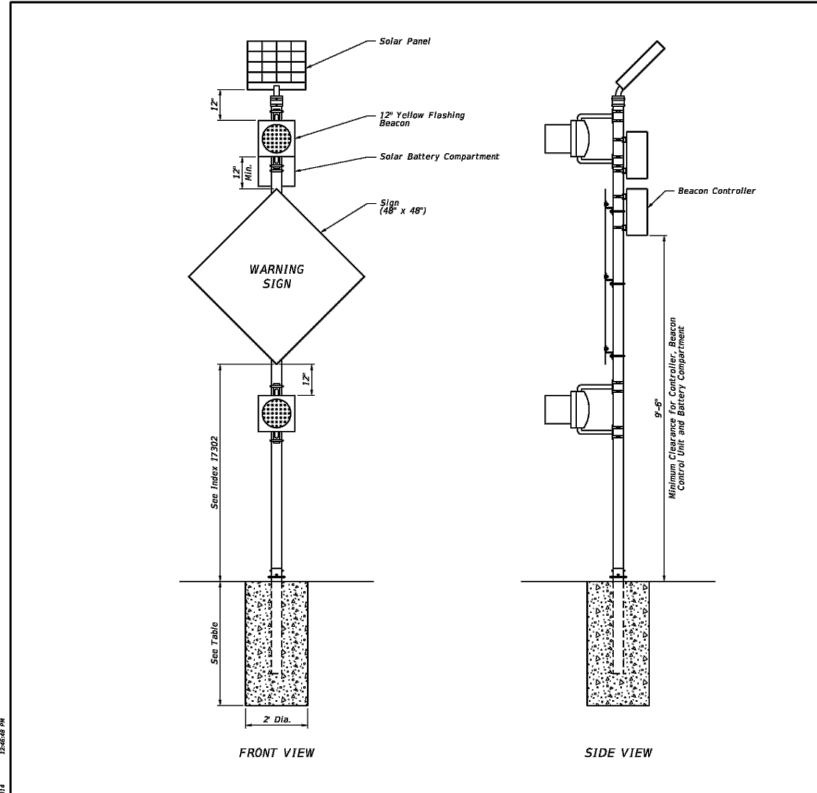
Size	Area	Total Area	Centroid
36x12	3.00 SF	6.31 SF	1.25 Ft.
24x24	3.31 SF	8.18 SF	1.92 Ft.
36x12	3.00 SF	10.46 SF	2.10 Ft.
30x30	5.18 SF	12.75 SF	2.19 Ft.
36x12	3.00 SF	16.25 SF	2.48 Ft.
48x48	13.25 SF	22.48 SF	2.48 Ft.
24x24	3.31 SF	6.31 SF	1.25 Ft.
34x18	3.00 SF	10.18 SF	2.19 Ft.
30x30	5.18 SF	12.75 SF	2.19 Ft.
30x24	5.00 SF	12.46 SF	2.55 Ft.
35x36	7.46 SF	17.46 SF	2.55 Ft.
30x24	5.00 SF	17.46 SF	2.55 Ft.

Size	Area	Total Area	Centroid
36x12	3.00 SF	6.31 SF	1.25 Ft.
30x30	5.18 SF	13.18 SF	2.87 Ft.
30x24	5.00 SF	15.46 SF	3.15 Ft.
36x12	3.00 SF	18.46 SF	3.15 Ft.
36x36	7.46 SF	25.92 SF	3.15 Ft.
30x24	5.00 SF	30.92 SF	3.15 Ft.
21x15	2.19 SF	32.73 SF	3.15 Ft.
24x24	4.00 SF	36.73 SF	3.15 Ft.
30x30	6.25 SF	43.98 SF	3.28 Ft.
24x12	2.00 SF	45.98 SF	3.28 Ft.
36x36	9.00 SF	54.98 SF	3.28 Ft.
30x18	3.75 SF	58.73 SF	3.28 Ft.
30x30	6.25 SF	65.98 SF	3.28 Ft.
24x24	4.00 SF	70.98 SF	3.28 Ft.

Size	Area	Total Area	Centroid
24x24	4.00 SF	6.19 SF	1.73 Ft.
21x15	2.19 SF	8.38 SF	1.81 Ft.
30x24	5.00 SF	13.38 SF	1.81 Ft.
21x15	2.19 SF	15.57 SF	1.81 Ft.
24x12	2.00 SF	17.57 SF	1.81 Ft.
24x24	4.00 SF	21.57 SF	2.26 Ft.
21x15	2.19 SF	23.76 SF	2.26 Ft.
36x36	9.00 SF	32.76 SF	3.29 Ft.
30x30	6.25 SF	39.01 SF	3.29 Ft.
30x30	6.25 SF	45.26 SF	3.29 Ft.
24x18	3.00 SF	48.26 SF	3.29 Ft.
36x36	9.00 SF	57.26 SF	3.29 Ft.
30x24	5.00 SF	62.26 SF	3.29 Ft.
30x24	5.00 SF	67.26 SF	3.29 Ft.



LAST REVISION: 07/01/14	DESCRIPTION: 2015 DESIGN STANDARDS	INDEX NO. 11862	SHEET NO. 1 of 7
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Wind Speed	Sign Height	Column Size	Footing Depth
110	7'	4"	4'
130	7'	4.5"	4'
150	7'	5"	4.5'
110	8.5'	4.5"	4'
130	8.5'	5"	4.5'
150	8.5'	6"	5'

- NOTES**
- Details show a typical warning sign with two flashing beacon heads. When only one beacon is required, install upper beacon.
 - Sign column slip base shall be in accordance with Design Standard Index 11860.
 - Beacon and beacon controllers shall be listed on Approved Products List (APL).

LAST REVISION: 07/01/14	DESCRIPTION: 2015 DESIGN STANDARDS	INDEX NO. 11862	SHEET NO. 3 of 7
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC CONSULTING, INC.
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

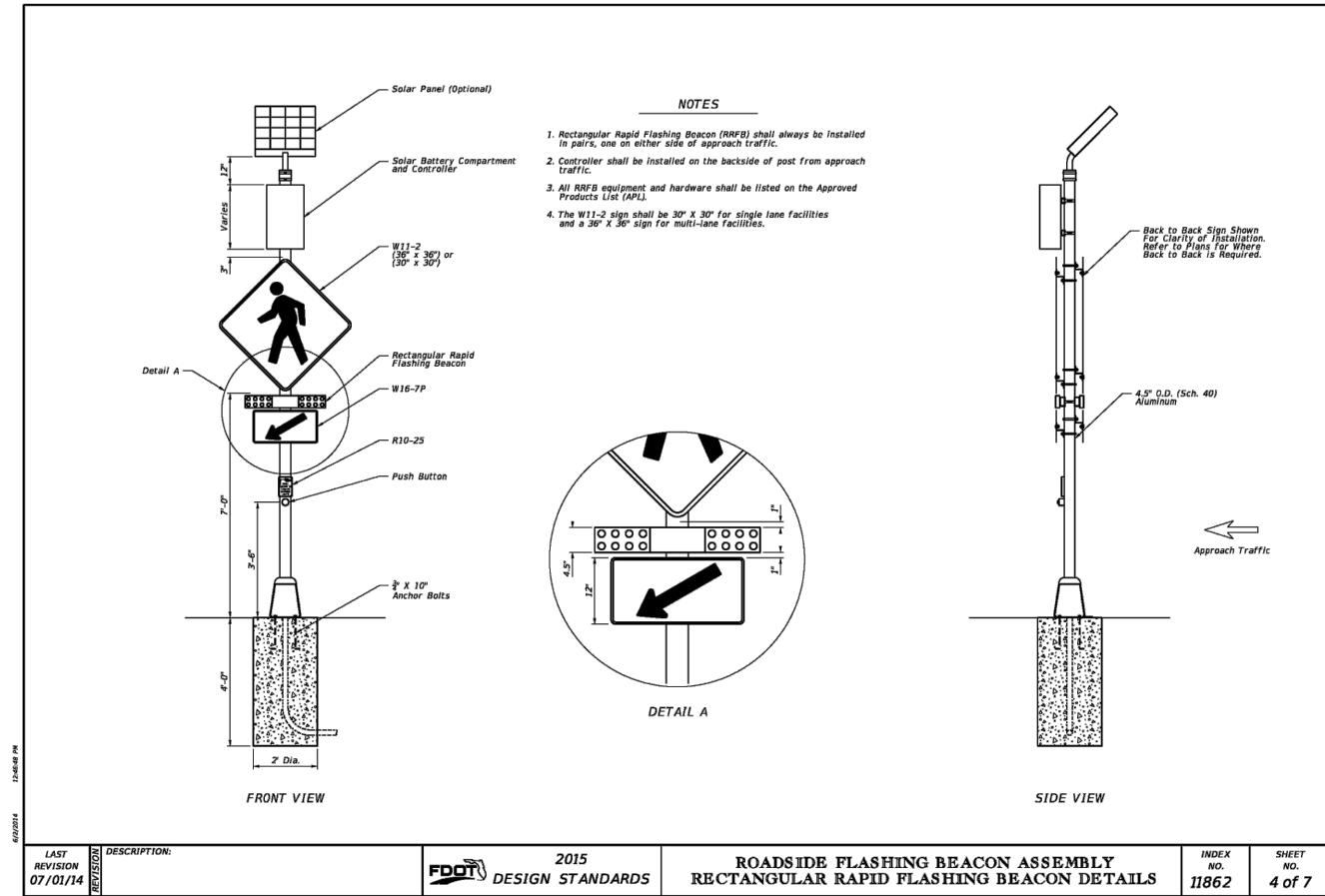
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

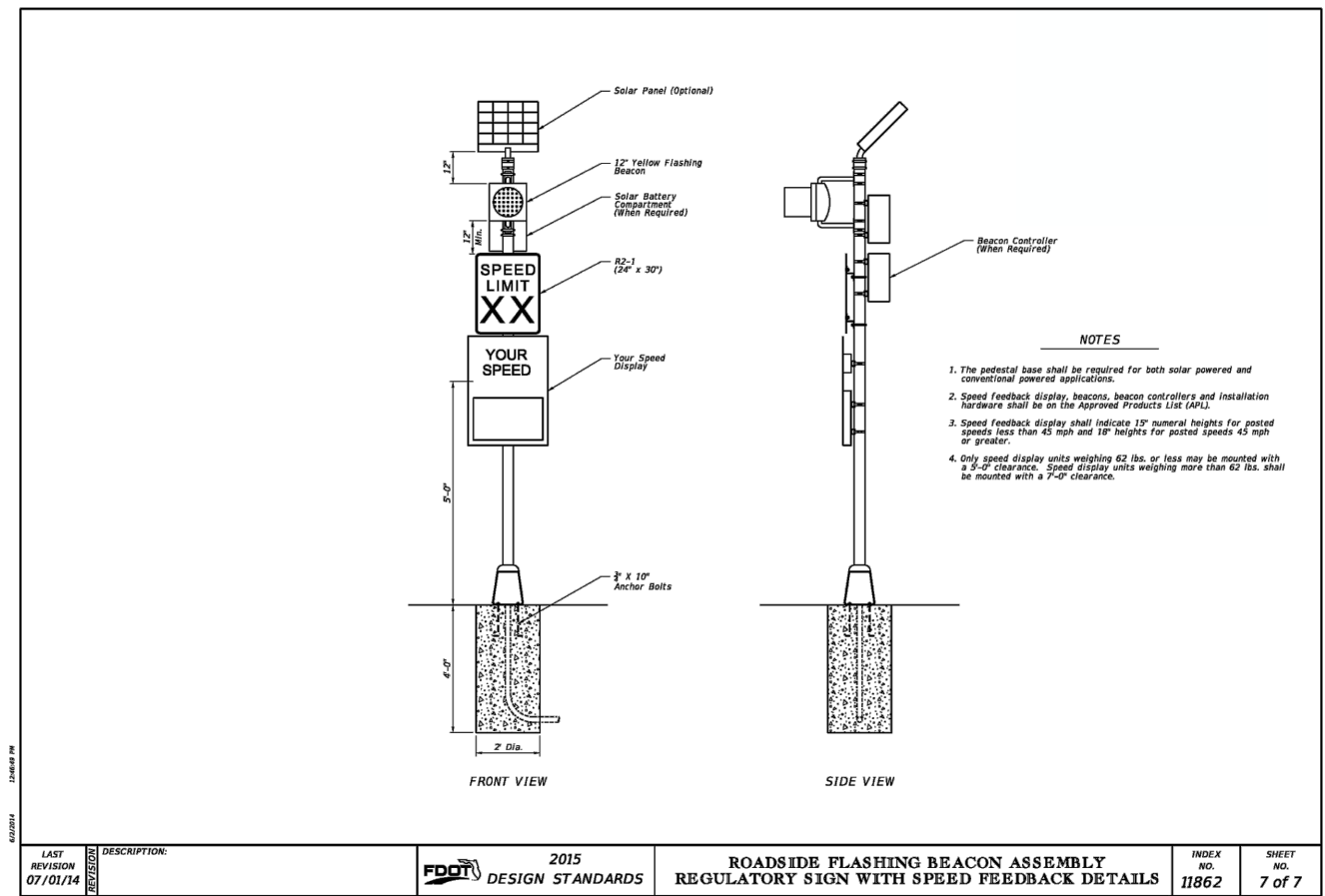
Eduardo Garces 6/13/2015 7:01:57 PM

SIGNING AND PAVEMENT
DETAILS
(3 OF 4)

SHEET NO. C-11.3



LAST REVISION 07/01/14	DESCRIPTION:	2015 FDOT DESIGN STANDARDS	ROADSIDE FLASHING BEACON ASSEMBLY RECTANGULAR RAPID FLASHING BEACON DETAILS	INDEX NO. 11862	SHEET NO. 4 of 7
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LAST REVISION 07/01/14	DESCRIPTION:	2015 FDOT DESIGN STANDARDS	ROADSIDE FLASHING BEACON ASSEMBLY REGULATORY SIGN WITH SPEED FEEDBACK DETAILS	INDEX NO. 11862	SHEET NO. 7 of 7
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

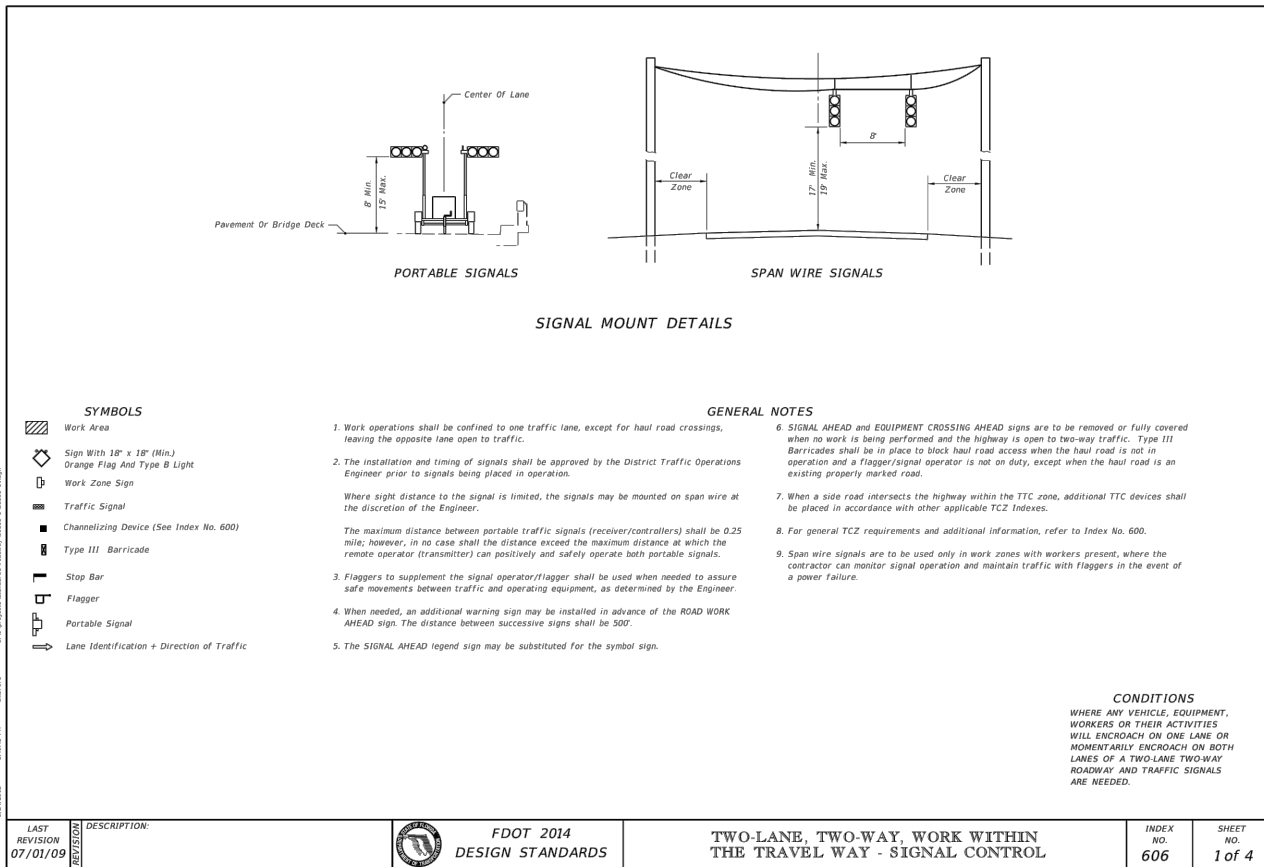
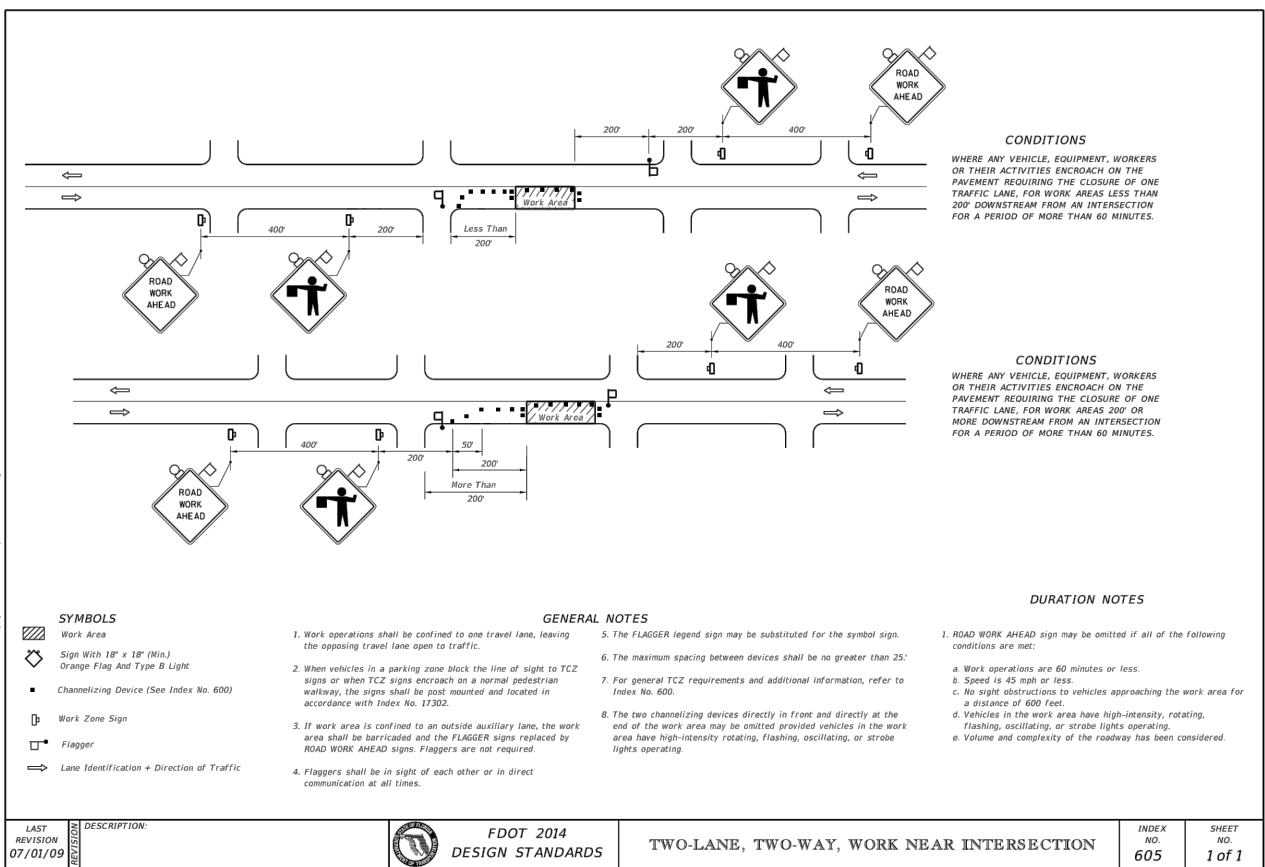
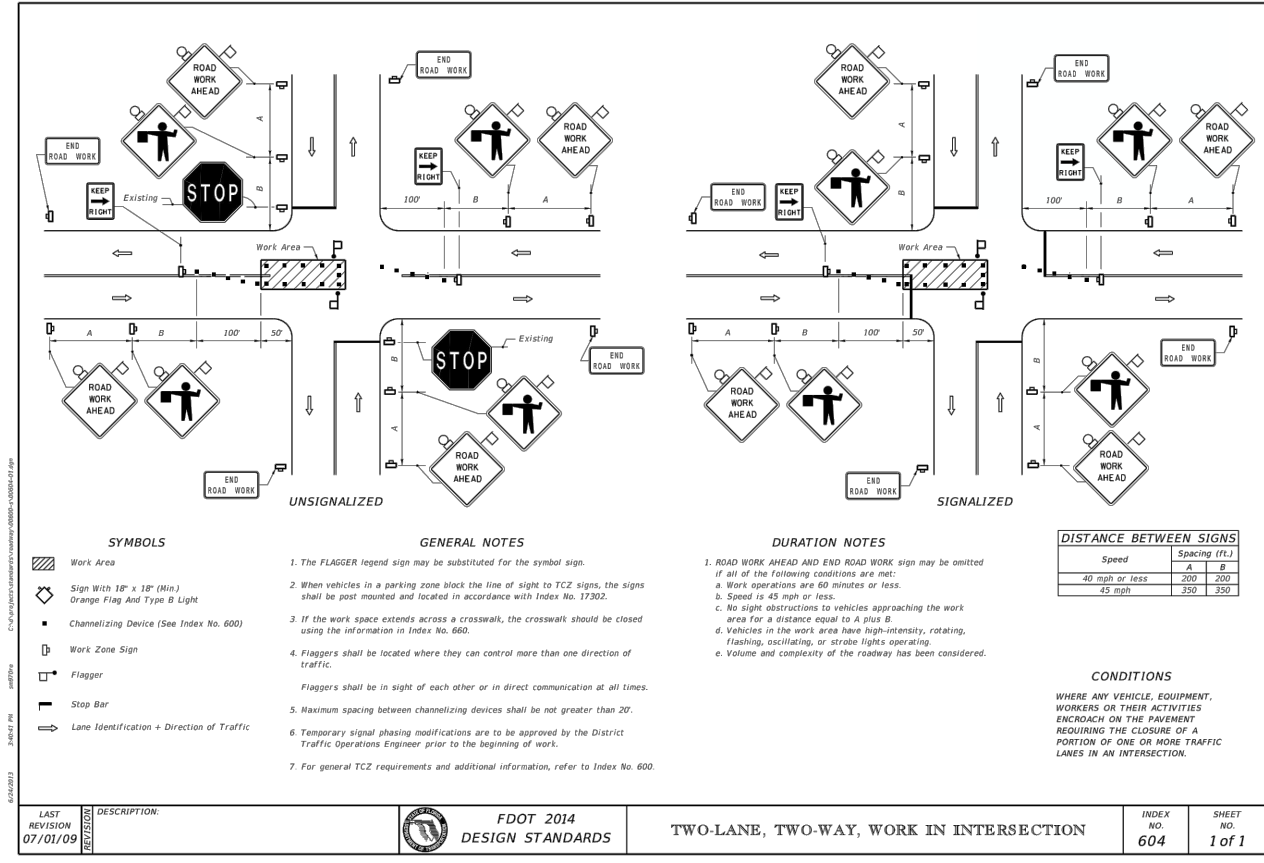
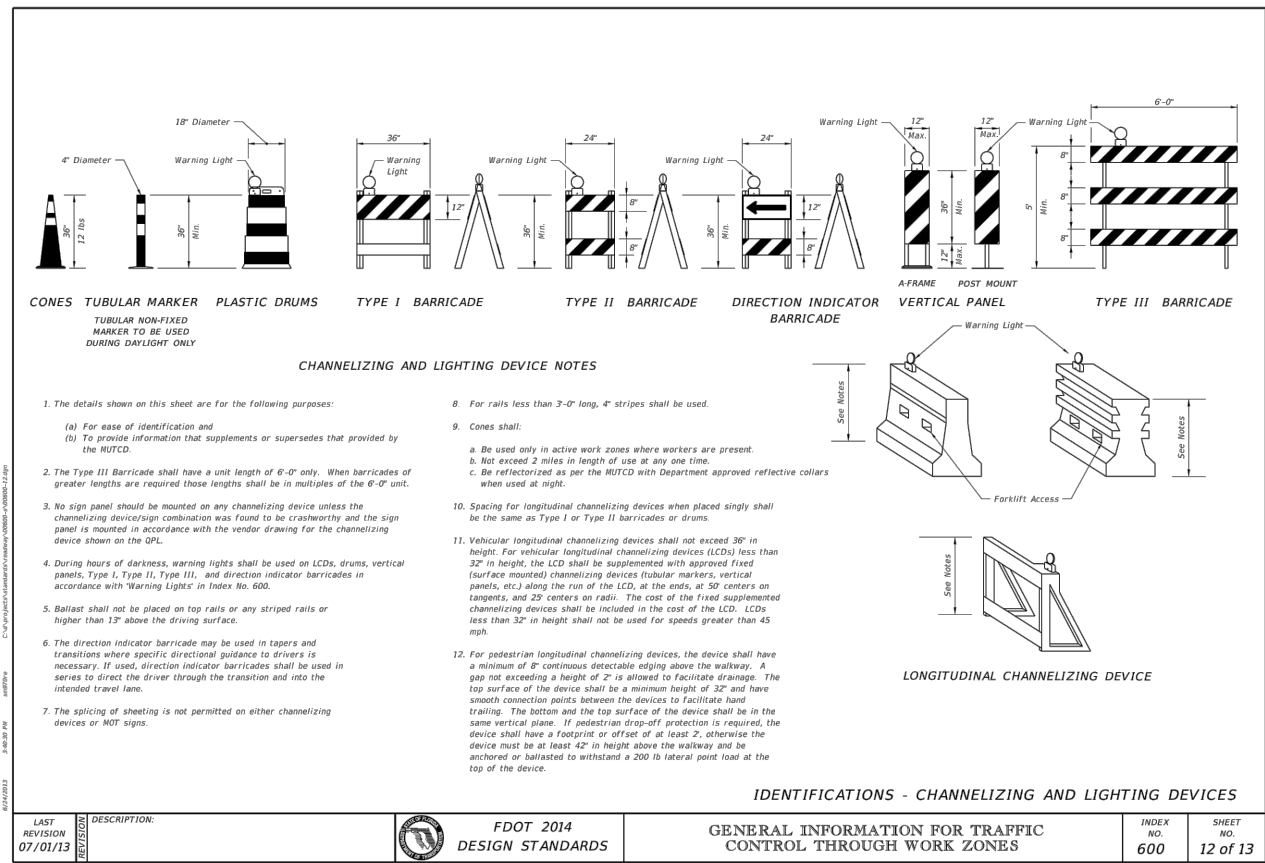


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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SIGNING AND PAVEMENT
DETAILS
(4 OF 4)

SHEET NO.
C-11.4



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EAC
EAC Consulting, Inc.
CA.# 7011

MICHAEL ADEIFE, P.E.
P.E. LICENSE NO. 56094
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

Eduardo Garces 6/13/2015 7:02:04 PM

MAINTENANCE OF TRAFFIC DETAILS

SHEET NO. C-12.0

INDEX OF LIGHTING SHEETS

Sheet Number Sheet Title

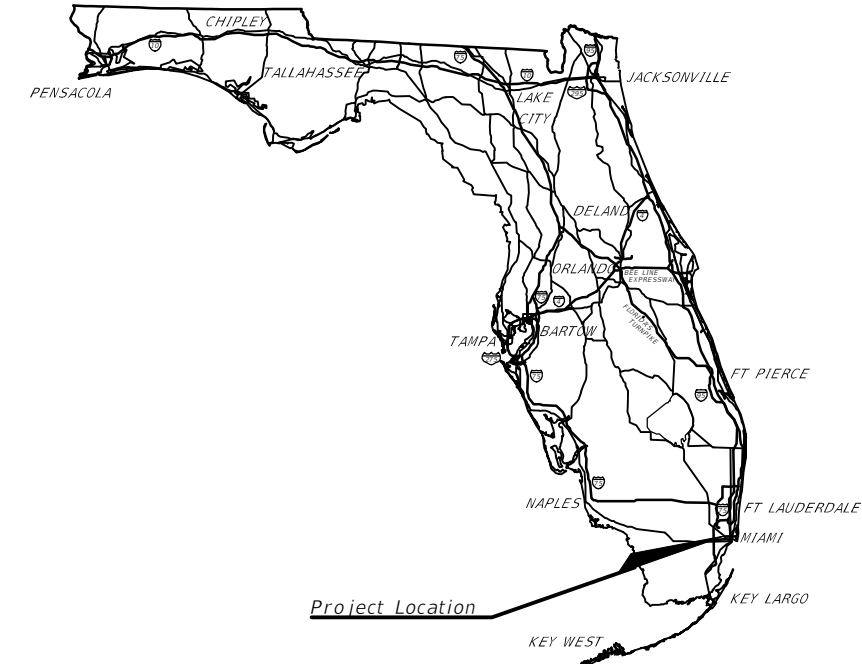
- E-0.0 COVER
- E-1.1 GENERAL NOTES (1 OF 2)
- E-1.2 GENERAL NOTES (2 OF 2)
- E-2.0 POLE AND LIGHT DETAIL
- E-3.0 SERVICE POINT DETAIL
- E-4.1 LIGHTING PLAN (1 OF 4)
- E-4.2 LIGHTING PLAN (2 OF 4)
- E-4.3 LIGHTING PLAN (3 OF 4)
- E-4.4 LIGHTING PLAN (4 OF 4)
- E-5.1 PHOTOMETRIC PLAN (1 OF 4)
- E-5.2 PHOTOMETRIC PLAN (2 OF 4)
- E-5.3 PHOTOMETRIC PLAN (3 OF 4)
- E-5.4 PHOTOMETRIC PLAN (4 OF 4)

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING



NW SOUTH RIVER DRIVE
ROADWAY AND DRAINAGE IMPROVEMENTS
(FROM NW 72 AVENUE TO 74 STREET)
TOWN PROJECT NO. SW-0117.05

LIGHTING PLANS



TOWN OF MEDLEY COUNCIL
MAYOR: ROBERTO MARTELL
VICE MAYOR: JACK MORROW
COUNCILPERSON: EDGAR AYALA
GRISELIA DIGIACOMO
SUSANA GUASCH

TOWN ENGINEER: JORGE CORZO, P.E.

PLANS PREPARED BY:



EAC Consulting, Inc.
815 NW 57 AVENUE, SUITE 402
MIAMI, FLORIDA 33126
WWW.EACCONSULT.COM
CA.# 7011

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

KEY SHEET REVISIONS	
DATE	DESCRIPTION

100% SUBMITTAL

ENGINEER OF RECORD: _____

P.E. NO.: 61622

FISCAL YEAR	SHEET NO.
15	E-0.0

TOWN OF MEDLEY PROJECT MANAGER: JORGE CORZO, P.E.

GENERAL NOTES

1. GOVERNING STANDARDS AND SPECIFICATIONS ARE: THE FDOT DESIGN STANDARDS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE MIAMI-DADE COUNTY STANDARD SPECIFICATIONS FOR ROADWAY LIGHTING, THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE, NATIONAL ELECTRICAL SAFETY CODE AND LOCAL CODES WHICH EXCEED THESE SPECIFICATIONS.
2. ENDS OF CONDUITS SHALL BE SEALED WITH POLYURETHANE FROM AFTER WIRING IS COMPLETE. FOAM SEAL SHALL NOT BE USED AS A MEANS TO PROTECT CONDUCTORS FROM ABRASION IN RACEWAYS. GALVANIZED RIGID METAL CONDUIT SHALL HAVE PROPER FITTINGS TO PROTECT CONDUCTORS FROM ABRASION.
3. DEVICE SUPPORT IN PULL BOXES: THE PREFERRED METHOD OF ATTACHMENT OF LIGHTING ARRESTERS AND OTHER DEVICES LIKELY TO BE SUPPORTED IN PULL BOXES, IS BY MEANS OF A SELF-TAPPING SCREW OR BY A MASONRY SCREW. CARE SHOULD BE EXERCISED WHEN UTILIZING THIS METHOD NOT TO BREAK THE SUPPORTING TABS; SCREWS SHOULD BE FIRM BUT NOT SNUG AGAINST THE SUPPORTING TABS. OTHER APPROVED AND LISTED METHODS MAY BE USED, IF THEY ARE FOUND SUITABLE FOR THE CONDITIONS.
4. SPLICES AND CONNECTIONS MADE IN PULL BOXES SHALL BE ACCOMPLISHED WITH THE USE OF GEL CAPS.
5. GROUND RODS ARE TO BE LOCATED AT EACH PULL BOX ASSOCIATED WITH A LIGHTING POLE OR ELECTRICAL LOAD CENTER. THE MIAMI-DADE PUBLIC WORKS LIGHTING STANDARDS REQUIRES TWO 5/8" X 20" COPPER CLAD STEEL GROUNDING ELECTRODES AT EACH SERVICE POINT. THEY MUST BE SPACED A MINIMUM OF SIX FEET AND SIX INCHES FROM EACH OTHER WHEN INSTALLED AS AN ARRAY. WHEN THE GROUNDING ELECTRODE CONDUCTOR IS ENCLOSED IN A METAL RACEWAY, BOTH ENDS OF THE RACEWAYS AND ALL INTERVENING RACEWAYS AND METALLIC ENCLOSURES CONTAINING THE GROUNDING ELECTRODE CONDUCTOR MUST BE BONDED TO THE GROUNDING ELECTRODE CONDUCTOR.
6. SLUGS: WHERE THE POLE CABLE DISTRIBUTION IS EMPLOYED (MG SQUARE, DOT 3), AND WHERE THE POWER SOURCE IS GROUNDED TYPE (GROUNDED NEUTRAL CONDUCTOR), EXAMPLE 480 VAC TO GROUND. A SLUG SHALL BE INSERTED IN THE GROUNDED (NEUTRAL SIDE) REPLACING THE FACTORY INSTALLED FUSE, IN THE MALE DISTRIBUTION PLUG AT THE TIME OF INSTALLATION.
7. ALL GROUNDING CONNECTIONS SHALL BE EXOTHERMICALLY WELDED AS PER F.D.O.T. SPECIFICATIONS SECTION 715-11 AND MIAMI-DADE COUNTY MAINTENANCE AGENCY NEW SPECIFICATIONS. WHERE THE POLE CABLE DISTRIBUTION SYSTEM IS EMPLOYED (MG SQUARE, DOT 3), GROUNDING CONNECTIONS TO THE DISTRIBUTION BLOCK AND LIGHTNING ARRESTER OR OTHER DEVICES CONTAINING LEADS SMALLER THAN #8 AWG, SHALL BE DONE BY MECHANICAL CONNECTIONS OR OTHER APPROVED MEANS.
8. GROUND CONDUCTOR SHALL HAVE A GREEN JACKET, TYPE THW OR THWN, AND SHALL NOT BE SMALLER THAN NO. 6 AWG. IF CONDUCTORS ARE LARGER THAN NO. 6 AWG THEN THE GROUND CONDUCTOR SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
9. THE CONTRACTOR SHALL CHECK THE CONTINUITY OF GROUNDING CONDUCTOR USING MEGGER OR EQUAL LOW RESISTANCE/HIGH CAPACITY OHMMETER CALIBRATED WITHIN THE PAST 180 DAYS. A NEUTRAL/GROUND LOOP RESISTANCE OF MORE THAN 0.5 OHMS-PER THOUSAND FEET SHALL BE CONSIDERED INADEQUATE.
10. PULL BOX SHALL HAVE EXTERIOR DIMENSIONS OF 27-1/2" X 12" AND SHALL BE CONCRETE OR POLYMER REINFORCED BY HEAVY-WEAVE FIBERGLASS WITH POLYMER HEAVY DUTY TRAFFIC COVERS. LIDS SHALL BE OF POLYMER COMPOSITE OF THE HEAVY DUTY TYPE AND MARKED STREET-LIGHTING.
11. ONLY LINE CONDUCTORS WILL BE PERMITTED IN SERVICE PULL BOX. NO GROUND RODS OR ANY OTHER ITEMS OR DEVICES SHALL BE ALLOWED.
12. NO UNNECESSARY SPLICING WILL BE PERMITTED IN PULL BOXES.
13. THE CONTRACTOR SHALL CONSTRUCT CONCRETE SLABS AROUND ALL PULL BOXES AND SERVICE POINTS IN UNPAVED/GRASS AREAS. SEE FDOT INDEX 17500 FOR DETAILS AND NOTES. COST OF THE SLAB CONSTRUCTION, INCLUDING REINFORCED STEEL FABRIC, SHALL BE INCLUDED IN THE PRICE FOR THE RELATED PULL BOX.
14. PULL BOX COVER SHALL BE BOLTED TO THE PULL BOX USING A TAMPER PROOF NUT.
15. INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY QUALIFIED ELECTRICAL CONTRACTOR. WHEN NEW PULL BOX IS REPLACING EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS IS INCLUDED IN THE PULL BOX PAY ITEM.
16. LIGHT POLE FOUNDATION SHALL BE CONCRETE AS PER FDOT INDEX 17515 YEAR 2015. (SCREW TYPE POLE BASE IS NOT ALLOWED). CONTRACTOR SHALL HAVE A STRUCTURAL ENGINEER DESIGN THE FOUNDATION AND SUBMIT A SHOP DRAWING TO THE ELECTRICAL ENGINEER FOR APPROVAL.
17. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED AT A GRADE THAT IS FLUSH WITH THE ADJACENT AND SURROUNDING SIDEWALK AND WITHIN PUBLIC RIGHT OF WAY.
18. THE POLE FOUNDATION CONDUITS SHALL EXTEND FROM 1" TO 2" INSIDE THE POLE BASE AND SHALL BE IN ACCORDANCE WITH APPLICABLE JURISDICTIONAL CRITERIA AND STANDARDS.
19. THE COST TO RESTORE THE EXISTING SIDEWALK TO THE NEAREST FLAG JOINT SHALL BE INCLUDED IN BID ITEMS ASSOCIATED WITH THE POLE INSTALLATION.
20. RACEWAYS: RACEWAYS CONTAINING #4 AWG OR LARGER CONDUCTORS MUST BE PROTECTED BY AN INSULATING FITTING, UNLESS THE CONDUCTORS ARE SEPARATED FROM THE FITTING OR RACEWAY BY SUBSTANTIAL INSULATING MATERIAL THAT IS SECURELY FASTENED IN PLACE.
21. POLE CABLE DISTRIBUTION SYSTEM USED SHALL BE (MG SQUARE, DOT 3), THE ONLY ACCEPTABLE SPLICING DEVICE ACCEPTABLE TO THE MIAMI-DADE PUBLIC WORKS LIGHTING STANDARD, IS THE MOLDED SPLICE KIT TYCO-RAYCHEM CATALOG #GELCAP-SL-2/0-3 HOLE. WHERE CONVENTIONAL WIRING SYSTEMS ARE EMPLOYED OR THE EXISTING POLES ARE UTILIZED, CONDUCTORS SHALL BE SO ROUTED AND COORDINATED AS TO TERMINATE ON THE LINE SIDE OF THE FUSE-HOLDERS (HEB'S & HEBR'S). PULL BOXES CONTAINING #4 AWG OR LARGER CONDUCTORS CONTAINING SPLICES OR U PULLS, THE DISTANCE BETWEEN RACEWAYS SHALL BE INCREASED. THE DISTANCE BETWEEN RACEWAYS SHALL BE INCREASED SIX TIMES THE TRADE SIZE DIAMETER OF THE LARGEST RACEWAY.
22. ALL DISTRIBUTION BLOCKS SHALL HAVE THE MIAMI-DADE COUNTY NUMBER MDC/PW 2715-500 MOLDED ONTO IT.
23. PAYMENT FOR CONDUIT SHALL BE ON THE HORIZONTAL PATH OF THE INSTALLED CONDUIT AS MEASURED BETWEEN THE CENTER OF PULL BOXES, POLES, JUNCTION BOXES, ETC. NO ALLOWANCES SHALL BE MADE FOR SWEEPS OR VERTICAL DISTANCES ABOVE OR BELOW GROUND.
24. PAYMENT FOR CONDUCTOR SHALL BE BASED ON THE LINEAR FEET OF SINGLE CONDUCTOR IN HORIZONTAL MEASUREMENT. NO ALLOWANCES SHALL BE MADE FOR CONNECTION IN PULL BOXES, CABINETS OR POLES.
25. ALL CONDUCTORS SHALL BE TYPE USE/RHW-XLP AS SPECIFIED IN THE FDOT SPECIFICATION SECTION 992 AND AS PER MIAMI-DADE COUNTY MAINTENANCE AGENCY NEW SPECIFICATION. OTHER TYPE OF CABLE IS NOT ALLOWED, EXCEPT GROUND WIRE WHICH SHALL BE TYPE THW OR THWN.
26. THE CONTRACTOR IS RESPONSIBLE TO PAY THE POWER COMPANY THE COST OF PROVIDING ELECTRICITY TO THE TEMPORARY AND PROPOSED LIGHTING FROM THE MOMENT THE EXISTING SERVICE IS DISCONNECTED UNTIL FINAL ACCEPTANCE OF THE NEW LIGHTING BY THE MAINTAINING AGENCY. COST TO BE INCLUDED IN PAY ITEM FOR SERVICE POINT.
27. SUBMITTAL DATA PRIOR TO ANY PROCUREMENT ORDER THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, EQUIPMENT SPECIFICATIONS OR DESIGN DATA FOR ALL MATERIALS PROPOSED FOR THE PROJECT AND SHALL INCLUDE, BUT NOT LIMITED TO:
 - A. SHOP DRAWINGS FOR THE LUMINARIES, POLES, AND BASES.
 - B. CONDUCTORS, CONDUIT, GROUND RODS AND PULL BOXES.
 - C. FUSES, FUSE HOLDERS, SURGE PROTECTORS AND POLE DISTRIBUTION SYSTEMS.
 - D. SAFETY SWITCHES, PANELS, CIRCUIT BREAKERS, AND OTHER MAJOR SERVICE POINT COMPONENTS.
28. EIGHT COPIES OF THE SHOP DRAWINGS AND DESIGN DATA SHALL BE SUBMITTED TO THE ENGINEER WITH A COPY OF THE SUBMITTAL LETTER SENT TO THE DEPARTMENT'S RESIDENT CONSTRUCTION ENGINEER IN CHARGE OF THE PROJECT. ALLOW A 45 DAY TURNAROUND FOR SUBMITTALS.
29. FURNISH AND INSTALL AN ALUMINUM IDENTIFICATION TAG ON EACH ROADWAY LIGHTING STANDARD. TAGS SHALL BE 2" X 8" IN SIZE WITH BLACK LETTERS ON YELLOW BACKGROUND, ATTACHED WITH RIVETS (NO SCREWS). NUMBERS SHALL BE SHOWN ON THE POLE IDENTIFICATION TAG DETAIL. COST OF TAGS SHALL BE INCLUDED IN THE BID ITEMS FOR LIGHT POLE COMPLETE. TAG SHALL BE PLACED 5 FEET ABOVE GRADE.
30. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING UTILITIES.
31. THE MAINTAINING AGENCY FOR THE PROPOSED LIGHTING IS TOWN OF MEDLEY.
32. ALL LIGHTING POLE CIRCUITS SHALL BE CAD-WELD TO THE GROUNDING ELECTRODES THROUGHOUT.
33. ALL LIGHTING CONSTRUCTION MUST BE DONE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE LATEST EDITION OF THE PLANS PREPARATION MANUAL AND THE FDOT DESIGN MANUAL (VOLUME 1, CHAPTER 7).
34. PULL BOXES AND POLES SHALL NOT BE PLACED INSIDE THE AREAS OF PUBLIC SIDEWALK WHEELCHAIR RAMPS. IF SIDEWALK AREAS ARE RESTRICTED, THEN A CONCRETE SIDEWALK APRON SHOULD BE DESIGNED TO ALLOW A MINIMUM DISTANCE OF 48" AROUND THE OBSTACLE.
35. PULL BOX COVER SHALL BE BOLTED TO THE PULL BOX USING A TAMPER PROOF NUT.
36. THE CONTRACTOR SHALL PERFORM AN INVENTORY OF THE EXISTING LIGHTING SYSTEM PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES. A WRITTEN REPORT WILL BE PREPARED LISTING ALL LIGHTING ITEMS OPERABLE AND INOPERABLE. THE COMPLETE REPORT WILL BE FORWARDED TO THE PROJECT ENGINEER WITH COPIES TO THE MAINTAINING AGENCY PRIOR TO THE BEGINNING OF CONSTRUCTION.
37. ADJOINING EXISTING POLE TYING INTO THE NEW CIRCUIT SHOULD BE RE-CONDITIONED OR BROUGHT UP TO THE CURRENT SPECIFICATIONS UTILIZING SOW CORD AND HEB'S AND HEBR CONNECTORS AS NECESSARY. COST OF REWIRING THE EXISTING POLES TO BE INCLUDED IN PAY ITEM.
38. ALL SALVAGEABLE LIGHTING EQUIPMENT THAT IS REMOVED MUST BE DISASSEMBLED, DELIVERED AND UNLOADED AT THE MIAMI-DADE COUNTY PUBLIC WORKS MAINTENANCE YARD. LIGHTING EQUIPMENT CONSIDERED SALVAGEABLE IS AS FOLLOWS: LIGHTING POLES ALUMINUM, LUMINARIES, CABLE DISTRIBUTION SYSTEMS THAT ARE INTACT. ALL OTHER EQUIPMENT SHALL BE DISPOSED.
39. PULL BOX MUST COMPLY WITH ALL APPLICABLE ELECTRICAL CODES AND STANDARDS.
40. CONDUIT FOR USE IN AREAS NOT EXPOSED TO VEHICULAR TRAFFIC MUST BE INSTALLED AT A DEPTH OF 30" MINIMUM. CONDUIT IN AREAS EXPOSED TO VEHICULAR TRAFFIC MUST BE INSTALLED AT A DEPTH OF 36" MINIMUM.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



RAMON BORGES, P.E.
P.E. LICENSE NO. 61622
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
WWW.EACCONSULT.COM



TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

GENERAL NOTES
(1 OF 2)

SHEET NO.
E-1.1

POLE DATA					
POLE NO.	CIRCUIT	STATION	LUMINAIRE WATTAGE	MOUNTING HEIGHT	POLE SETBACK
1	A-1	1005+48	150	18'-0"	18" FROM BACK OF SIDEWALK
2	A-1	1006+16	150	18'-0"	18" FROM BACK OF SIDEWALK
3	A-1	1006+87	150	18'-0"	18" FROM BACK OF SIDEWALK
4	A-1	1007+53	150	18'-0"	18" FROM BACK OF SIDEWALK
5	A-1	1008+18	150	18'-0"	18" FROM BACK OF SIDEWALK
6	A-1	1008+81	150	18'-0"	18" FROM BACK OF SIDEWALK
7	A-1	1009+43	150	18'-0"	18" FROM BACK OF SIDEWALK
8	A-1	1009+92	150	18'-0"	18" FROM BACK OF SIDEWALK
9	A-1	1010+42	150	18'-0"	18" FROM BACK OF SIDEWALK
10	A-1	1010+94	150	18'-0"	18" FROM BACK OF SIDEWALK
11	A-1	1011+31	150	18'-0"	18" FROM BACK OF SIDEWALK
12	A-1	1011+98	150	18'-0"	18" FROM BACK OF SIDEWALK
13	A-1	1012+44	150	18'-0"	18" FROM BACK OF SIDEWALK
14	A-1	1012+90	150	18'-0"	18" FROM BACK OF SIDEWALK
15	A-1	1014+07	150	18'-0"	18" FROM BACK OF SIDEWALK
16	A-1	1014+69	150	18'-0"	18" FROM BACK OF SIDEWALK
17	A-1	1015+30	150	18'-0"	18" FROM BACK OF SIDEWALK
18	A-1	1015+92	150	18'-0"	18" FROM BACK OF SIDEWALK
19	A-1	1016+58	150	18'-0"	18" FROM BACK OF SIDEWALK
20	A-1	1017+20	150	18'-0"	18" FROM BACK OF SIDEWALK
21	A-2	1018+82	150	18'-0"	18.05' OFFSET
22	A-2	1018+38	150	18'-0"	18" FROM BACK OF SIDEWALK
23	A-2	1018+98	150	18'-0"	18" FROM BACK OF SIDEWALK
24	A-2	1019-57	150	18'-0"	18" FROM BACK OF SIDEWALK
25	A-2	1020+49	150	18'-0"	18" FROM BACK OF SIDEWALK
26	A-2	1021+27	150	18'-0"	18" FROM BACK OF SIDEWALK
27	A-2	1022+05	150	18'-0"	18" FROM BACK OF SIDEWALK
28	A-2	1022+62	150	18'-0"	18" FROM BACK OF SIDEWALK
29	A-2	1024+52	150	18'-0"	18" FROM BACK OF SIDEWALK
30	A-2	1024+97	150	18'-0"	18" FROM BACK OF SIDEWALK
31	A-2	1025+70	150	18'-0"	18" FROM BACK OF SIDEWALK
32	A-2	1026+74	150	18'-0"	18" FROM BACK OF SIDEWALK
33	A-2	1027+43	150	18'-0"	18" FROM BACK OF SIDEWALK
34	A-2	1028+21	150	18'-0"	18" FROM BACK OF SIDEWALK
35	A-2	1028+99	150	18'-0"	18" FROM BACK OF SIDEWALK
36	A-2	1029+77	150	18'-0"	18" FROM BACK OF SIDEWALK
37	A-2	1030+47	150	18'-0"	18" FROM BACK OF SIDEWALK
38	A-2	1030+89	150	18'-0"	28.26' OFFSET
39	A-2	1031+33	150	18'-0"	18" FROM BACK OF SIDEWALK
40	A-2	1031+67	150	18'-0"	18" FROM BACK OF SIDEWALK
41	A-2	1032+00	150	18'-0"	18" FROM BACK OF SIDEWALK
42	A-2	1032+53	150	18'-0"	18" FROM BACK OF SIDEWALK

ROADWAY LIGHTING CRITERIA

AVERAGE HORIZONTAL ILLUMINANCE 1.0
 UNIFORMITY RATIO AVG./MIN. RATIO 4.0:1.0
 WIND SPEED 150 MPH

VOLTAGE DROP

CIRCUIT A-1 VOLTAGE DROP 0.62%
 CIRCUIT A-2 VOLTAGE DROP 0.78%
 WIRE SIZE: #6 AWG, VOLTAGE: 240V, LOAD CURRENT: 1A

LEGEND

SYMBOL

DESCRIPTION



BEGA 150W LUMINAIRE # 7996MH (OR APPROVED EQUAL) MOUNTED ON 1708HR 17'-8" POLE (OR APPROVED EQUAL) WIRED FOR 240V OPERATION.



ELECTRIC PULL BOX



FPL LOAD CENTER AND SERVICE POINT



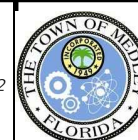
2"-2 SCHEDULE 40 PVC CONDUIT (UNDERGROUND) WITH CONDUCTORS INSIDE. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES WHEN INSTALLING INSIDE CONDUIT WITH OTHER CONDUCTORS.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION



RAMON BORGES, P.E.
 P.E. LICENSE NO. 61622
 EAC CONSULTING, INC.
 815 NW 57TH AVE, SUITE 402
 MIAMI, FL 33126
 WWW.EACCONSULT.COM



TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

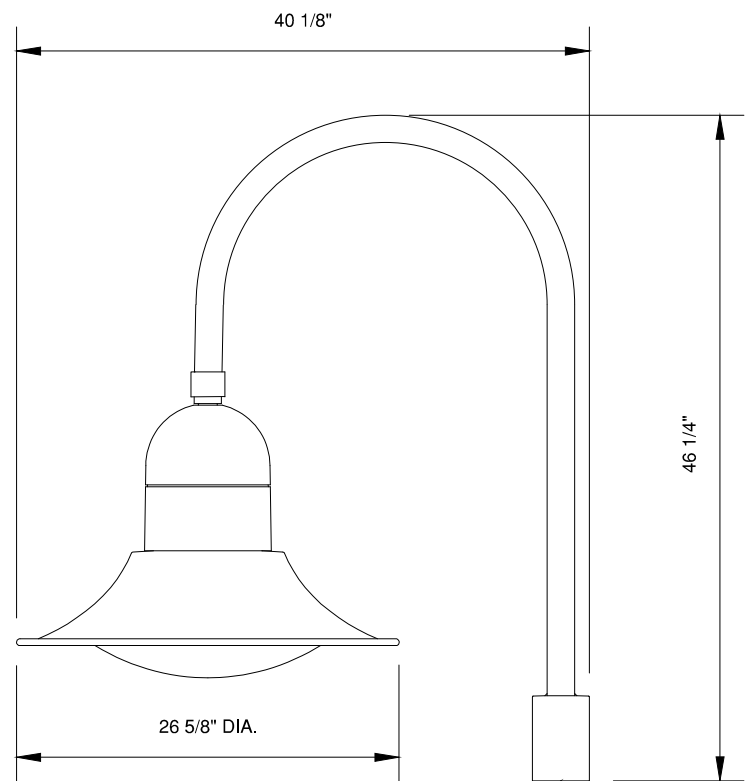
GENERAL NOTES
 (2 OF 2)

SHEET NO.

E-1.2

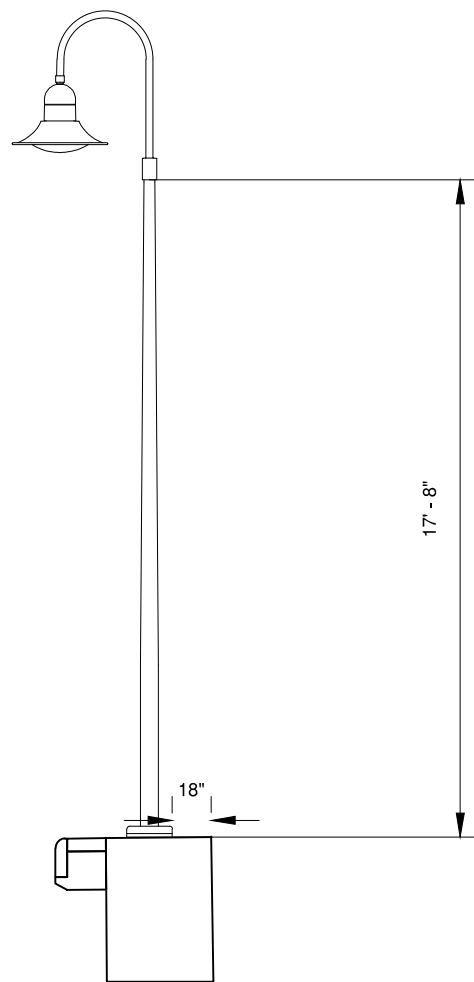
NOTES:

1. BEGA LUMINAIRE # 7996MH (OR APPROVED EQUAL) - SEE SPECIFICATIONS.
2. (1) 150W 120/208/240/277V MH BALLAST PROVIDED IN POLE BASE MOUNTED ASSEMBLY (PBM, SEE DETAIL).
3. PBM ASSEMBLY IS REQUIRED FOR INSTALLATION INTO 5" DIA. MIN. HINGED POLE BASE.
4. (1) 150W ED-17 MH LAMP (PROVIDED BY OTHERS). CLEAR LAMP RECOMMENDED.
5. AVAILABLE IN STANDARD BEGA FINISHES.
6. CONTRACTOR SHALL ADJUST REFLECTOR PER MANUFACTURER'S INSTRUCTIONS TO ENSURE LIGHT DOES NOT SPILL OVER TO PRIVATE PROPERTY.

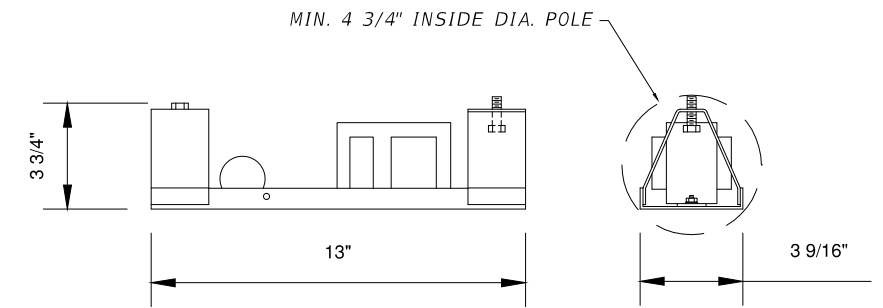


SLIP FITS 3" O.D. POLE OR TENON
(REQUIRES A MINIMUM 4" LENGTH OF STRAIGHT DIA. POLE/TENON)

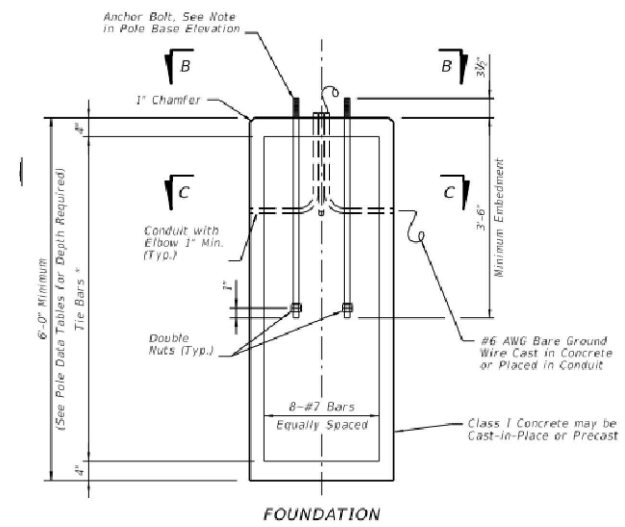
LUMINAIRE DETAIL
NTS



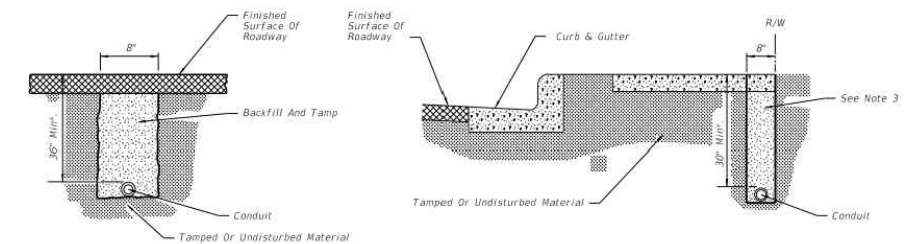
POLE AND LUMINAIRE
NTS



PBM ASSEMBLY DETAIL
NTS



FOUNDATION



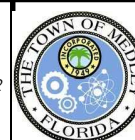
FOR USE IN INSTALLING CONDUIT UNDER A NEW ROADWAY PRIOR TO INSTALLATION OF BASE AND PAVEMENT

FOR USE IN INSTALLING CONDUIT UNDER SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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P.E. LICENSE NO. 61622
EAC CONSULTING, INC.
815 NW 57TH AVE, SUITE 402
MIAMI, FL 33126
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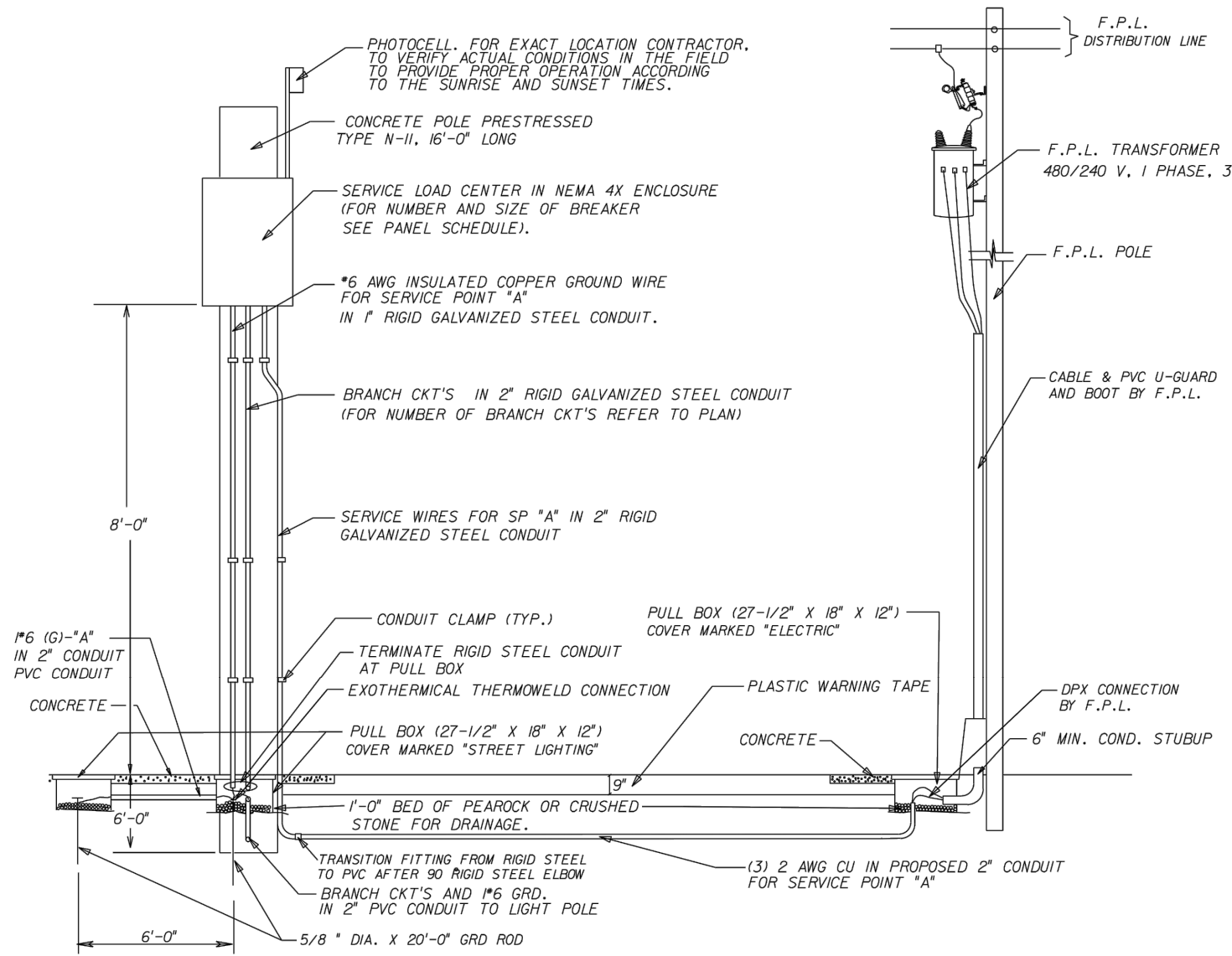


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

POLE AND LIGHT DETAILS

SHEET NO.

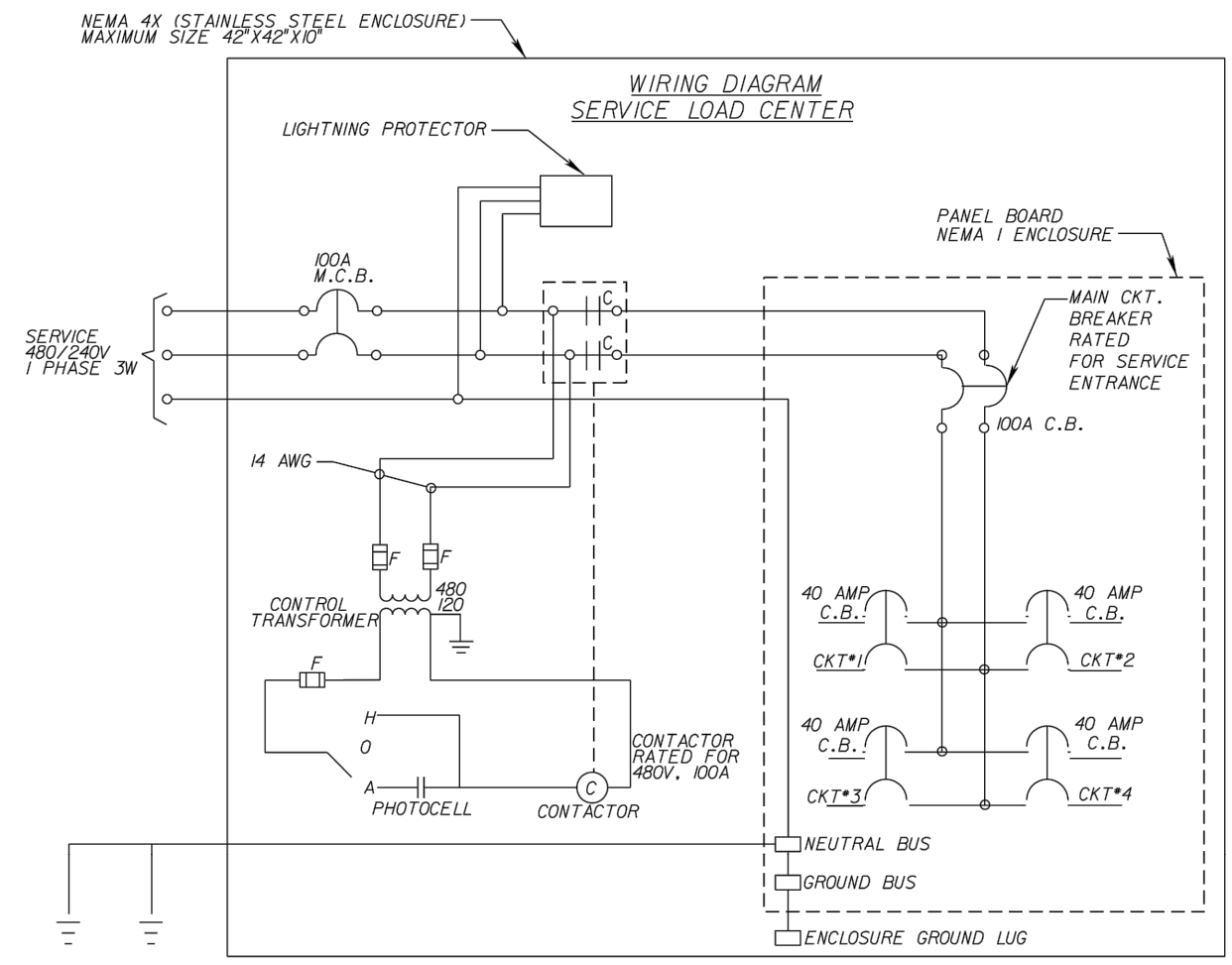
E-2.0



SERVICE POINT DETAIL
NTS

NOTES:

1. THE ENCLOSURE SHALL BE NEMA 4X (STAINLESS STEEL), POLE MOUNTED, RIGIDLY ATTACHED TO THE POLE FACE.
2. THE ENCLOSURE DOOR SHALL BE LOCKABLE BY PADLOCK AND FOUR KEYS PROVIDED TO THE MAINTAINING AGENCY. THE DOOR SHALL HAVE A MINIMUM OF THREE HINGES AND BE LATCHABLE. NO SCREWS TO BE USED TO ATTACH DOOR.
3. 480V MINIMUM RATING BOLT IN TYPE BREAKERS SHALL BE USED.
4. A 600V LIGHTNING PROTECTOR SHALL BE WIRED INSIDE THE ENCLOSURE.
5. A MAIN BREAKER IS REQUIRED IN ALL SERVICE PANELS WITH 2 OR MORE FEEDER BREAKERS.
6. ALL SERVICE EQUIPMENT SHALL BE U.L. APPROVED.
7. BUS BAR TO BE COPPER COATED AND HAVE A MINIMUM RATING OF 100 AMPS WHEN MAIN BREAKER EXCEEDS 100 AMPS.
8. LOCATE CONTACTOR, TRANSFORMER, AND H.O.A. SWITCH INSIDE ENCLOSURE. THE ENCLOSURE TO BE SIZED TO ACCOMODATE AS MANY BREAKERS AS CALLED FOR AND ALL OTHER SERVICE EQUIPMENT.
9. THE ENCLOSURE TO BE RIGIDLY ATTACHED TO THE POLE FACE.



NOTE

- I. CONTRACTOR SHALL COORDINATE WITH F.P.L. ENGINEERS FOR THE INSTALLATION OF THE F.P.L. RISER WHICH INCLUDES A FEE OF 148.00 DOLLARS. THIS LAYOUT HAVE BEEN APPROVED BY THE MAINTENANCE AGENCY (DADE COUNTY)
- II. PROVIDE SUPPLEMENTARY GROUND ELECTRODE SPACE AT LEAST 6'-0" (AS PER N.E.C. AND DADE COUNTY REQUIREMENT).

CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE POINT WITH WALTER RUMIE AT (305) 599-4081 OR AN APPROPRIATE ALTERNATIVE FPL REPRESENTATIVE.

THESE PLANS ARE NOT FINAL CONSTRUCTION DOCUMENTS UNTIL APPROVALS BY ALL PERMITTING AND JURISDICTIONAL AGENCIES HAVE BEEN OBTAINED. CONSTRUCTION WITHOUT ALL SAID APPROVALS IS AT THE SOLE RISK OF THE CONTRACTOR. ENGINEER IS NOT RESPONSIBLE FOR ANY CHANGES MADE DUE TO PERMITTING/JURISDICTIONAL DIRECTIONS, IF CONSTRUCTION PROCEEDS WITHOUT DUE AUTHORIZATION/APPROVALS.

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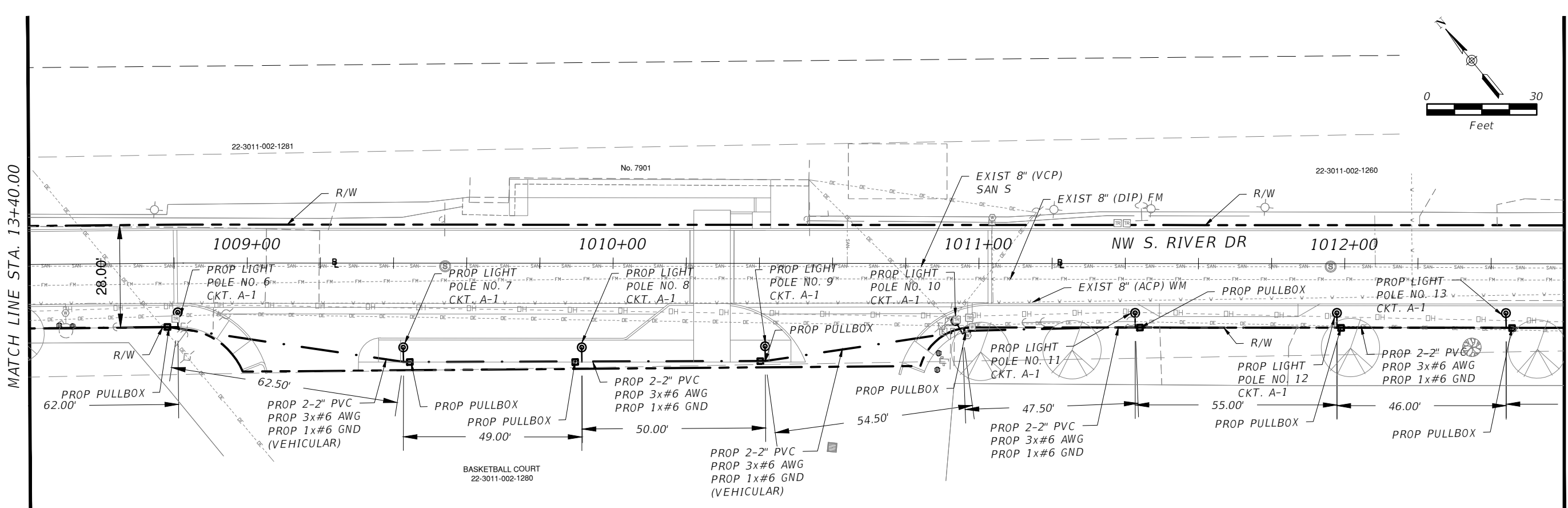
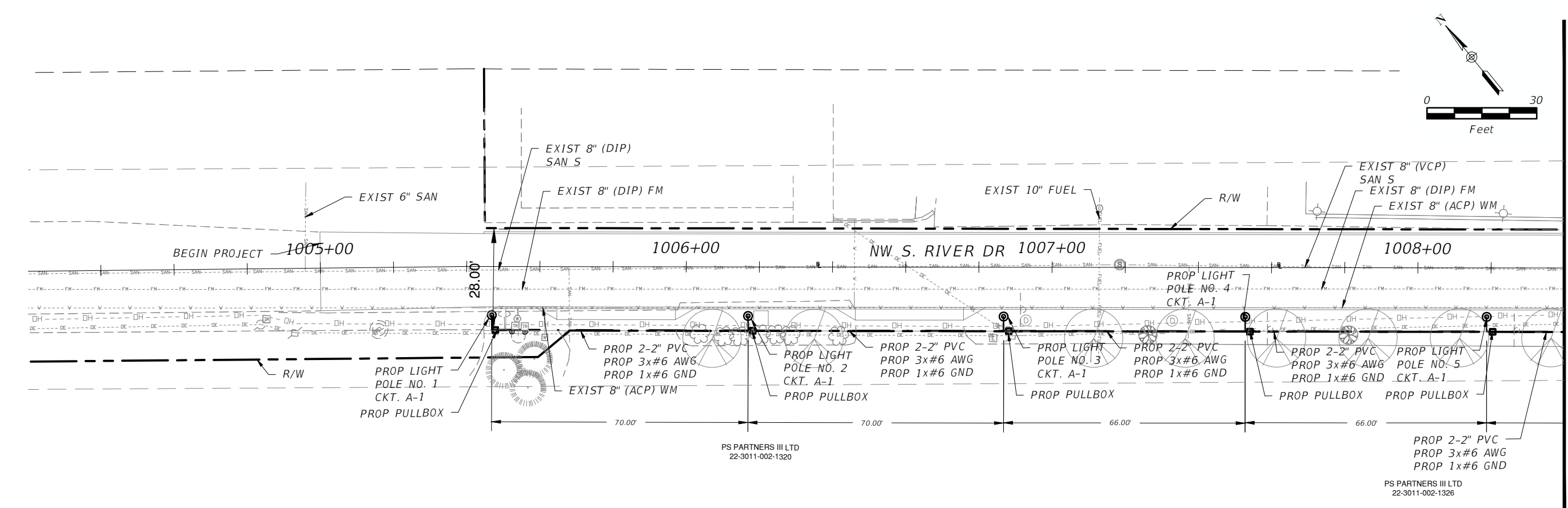


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

SERVICE POINT DETAILS

SHEET NO.
E-3.0



REVISIONS			
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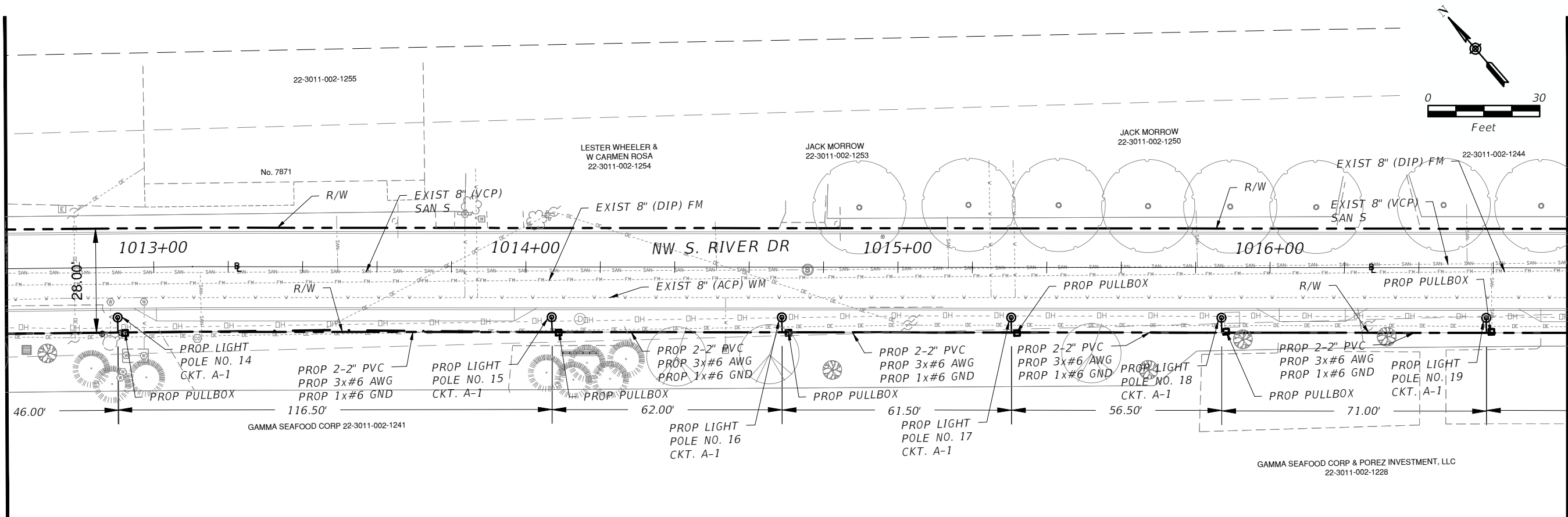
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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ELECTRICAL
PLAN (1 OF 4)

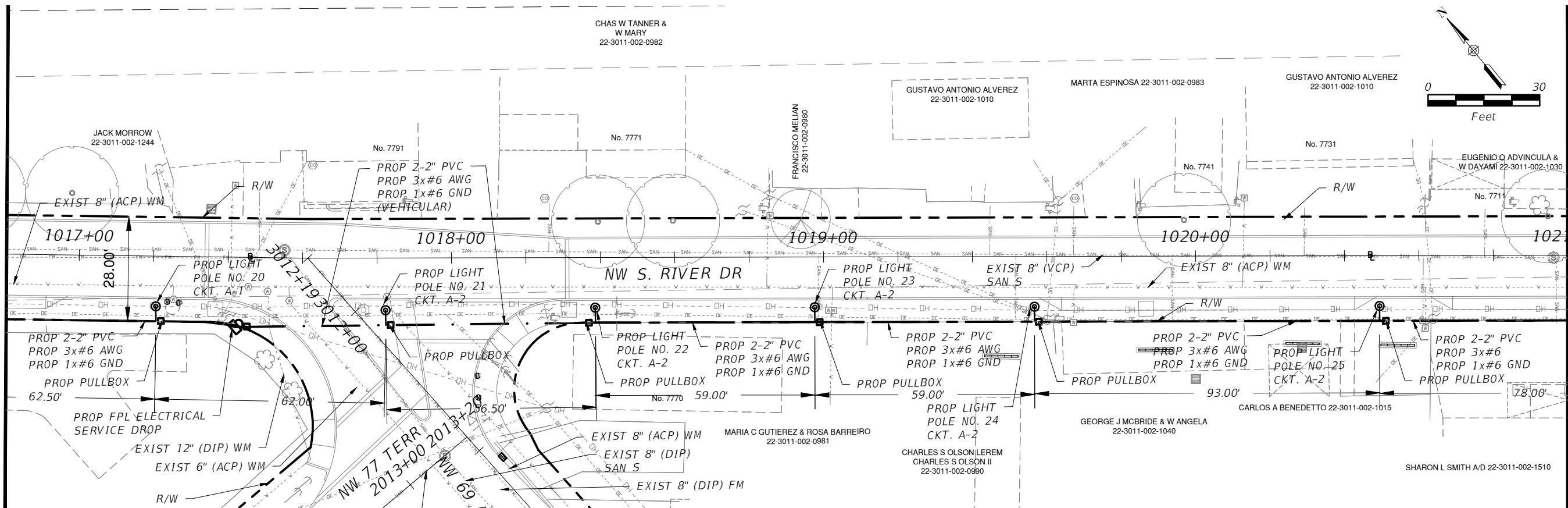
SHEET NO.
E-4.1

MATCHLINE STA. 17+60.00
(SEE SHEET E-4.1)



MATCHLINE STA. 21+80.00

MATCHLINE STA. 21+80.00



MATCHLINE STA. 26+00.00
(SEE SHEET E-4.3)

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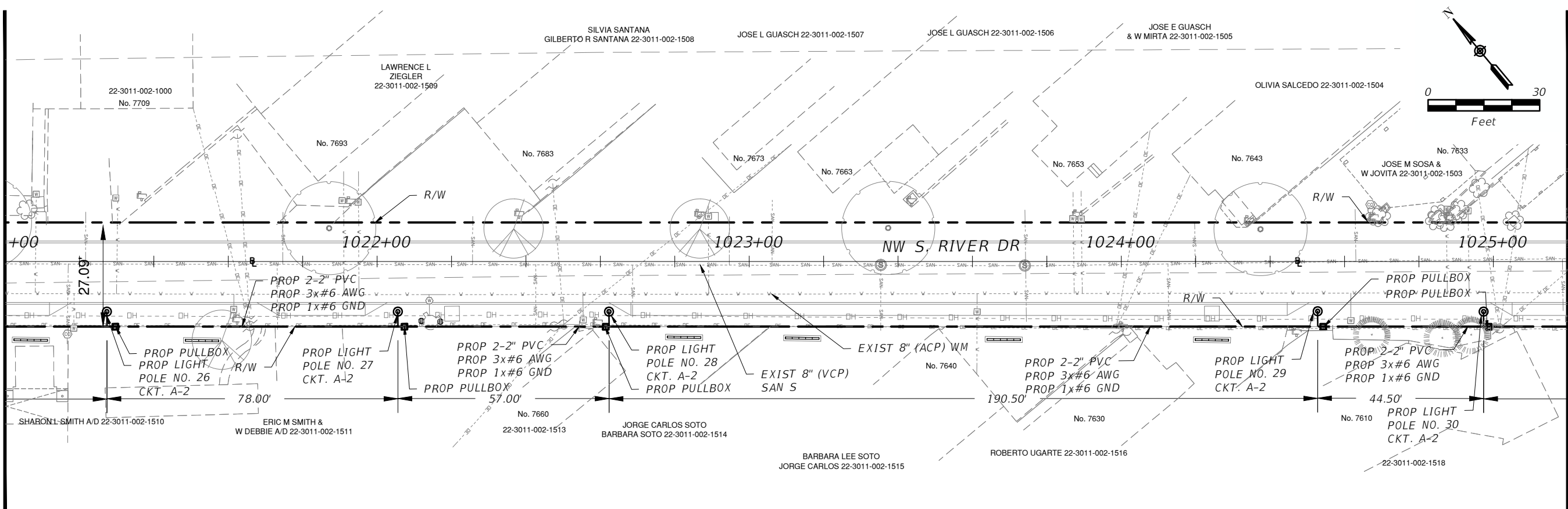
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
---	-----------------------------

ELECTRICAL PLAN (2 OF 4)

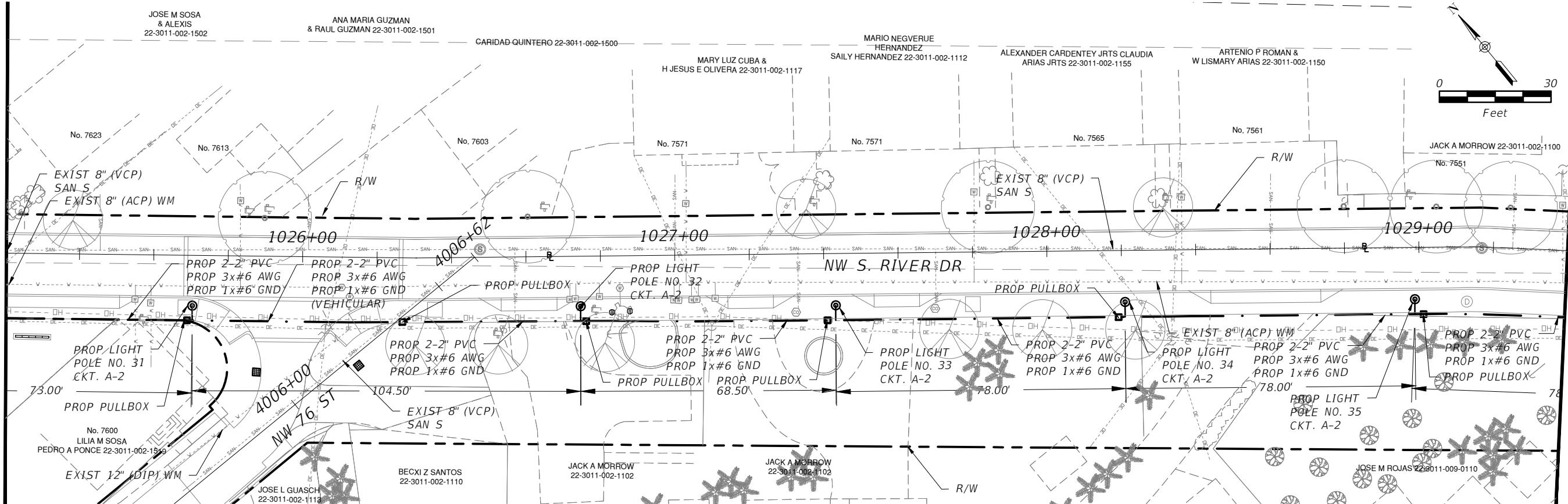
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MATCHLINE STA. 26+00.00
(SEE SHEET E-4.2)



MATCHLINE STA. 30+20.00

MATCHLINE STA. 30+20.00



MATCHLINE STA. 34+40.00
(SEE SHEET E-4.4)

REVISIONS			
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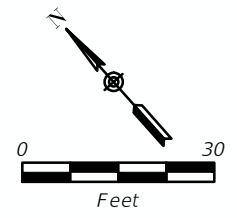
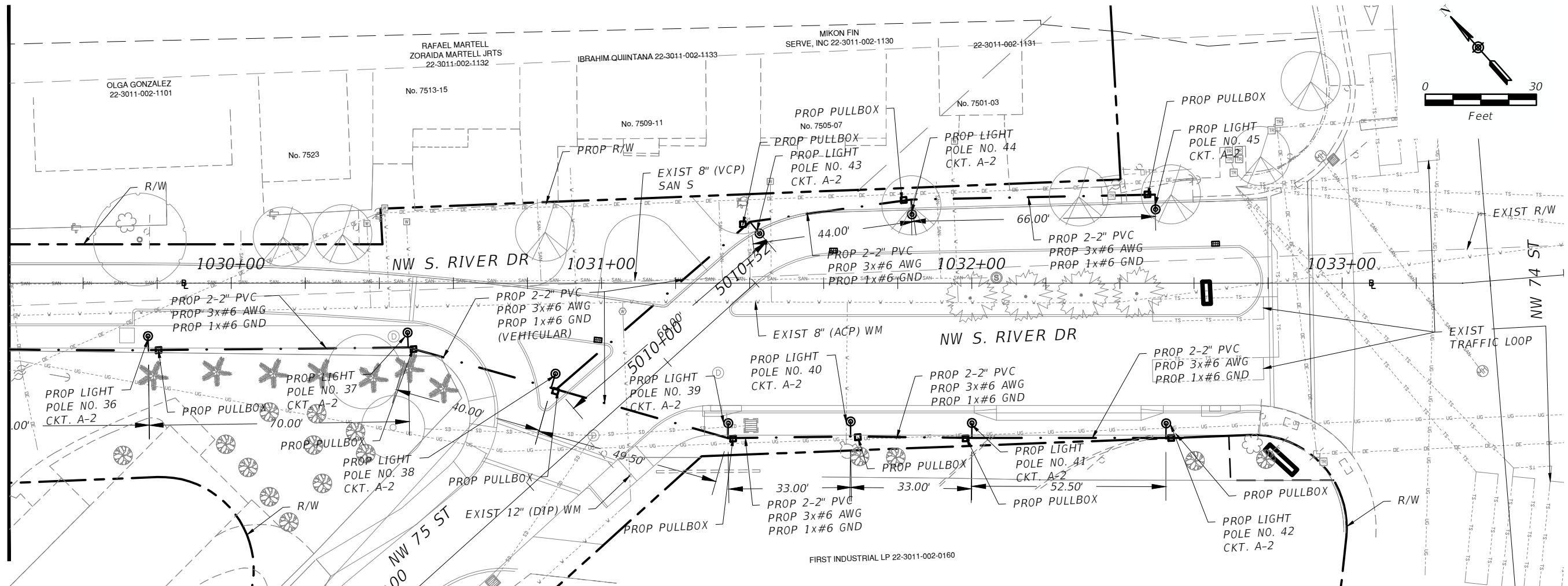
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
---	-----------------------------

ELECTRICAL PLAN (3 OF 4)

SHEET NO.
E-4.3

MATCHLINE STA. 34+40.00
(SEE SHEET E-4.3)



REVISIONS			
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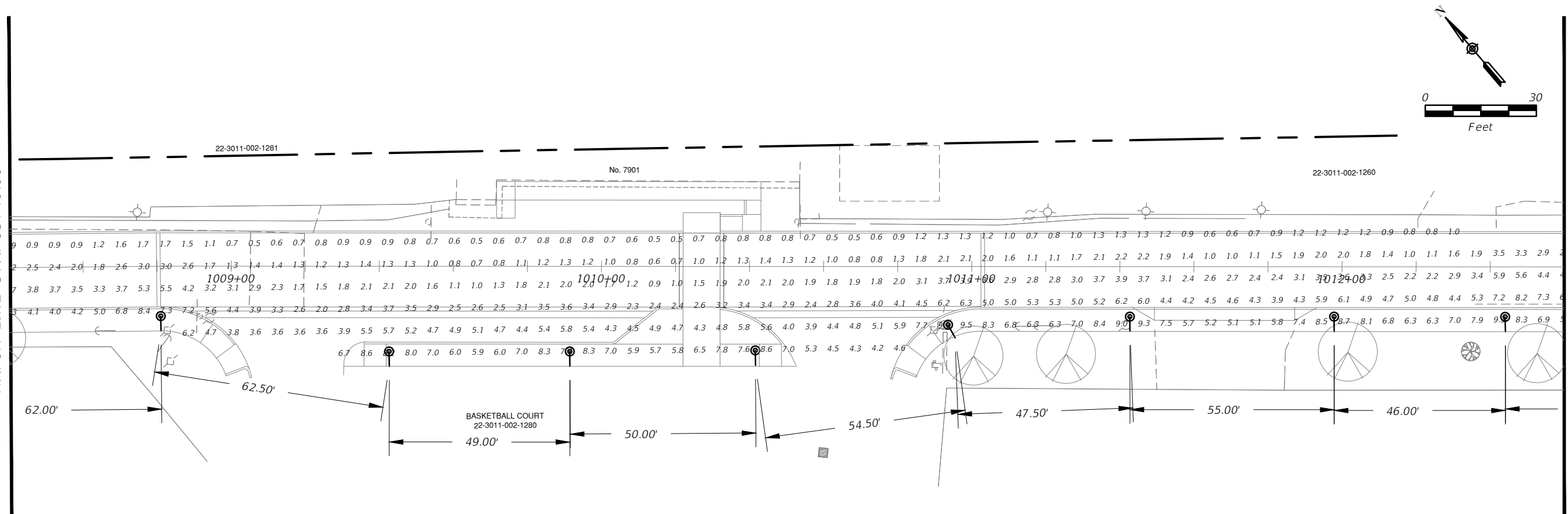
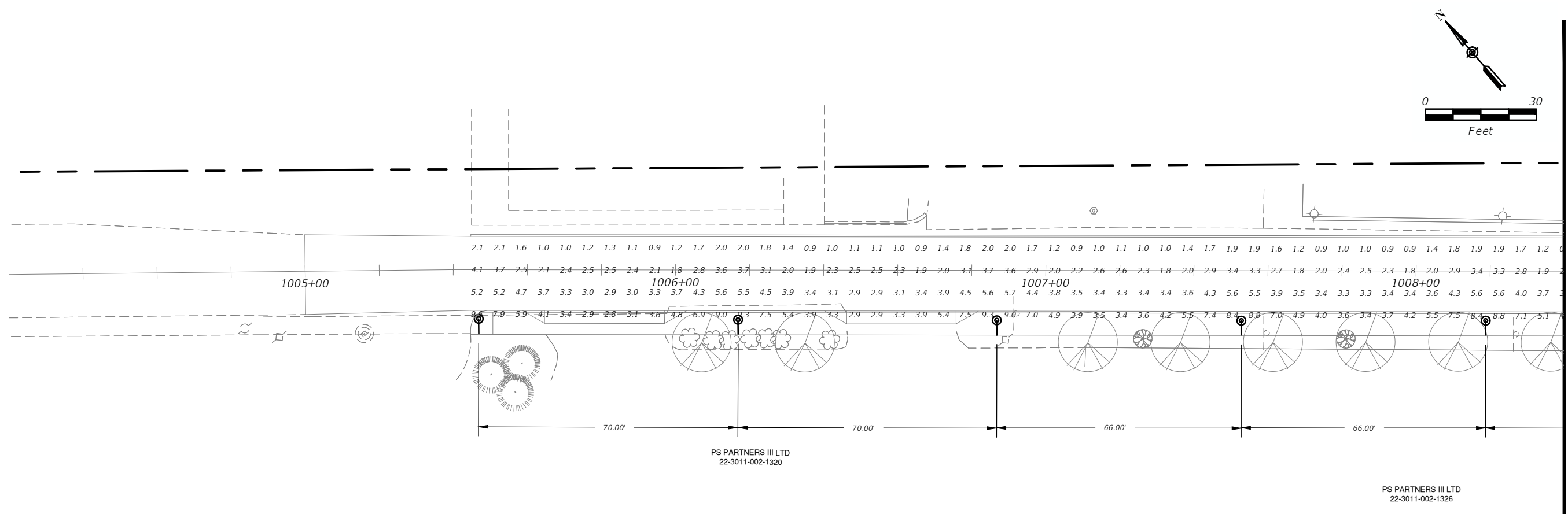


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

ELECTRICAL
PLAN (4 OF 4)

SHEET NO.
E-4.4



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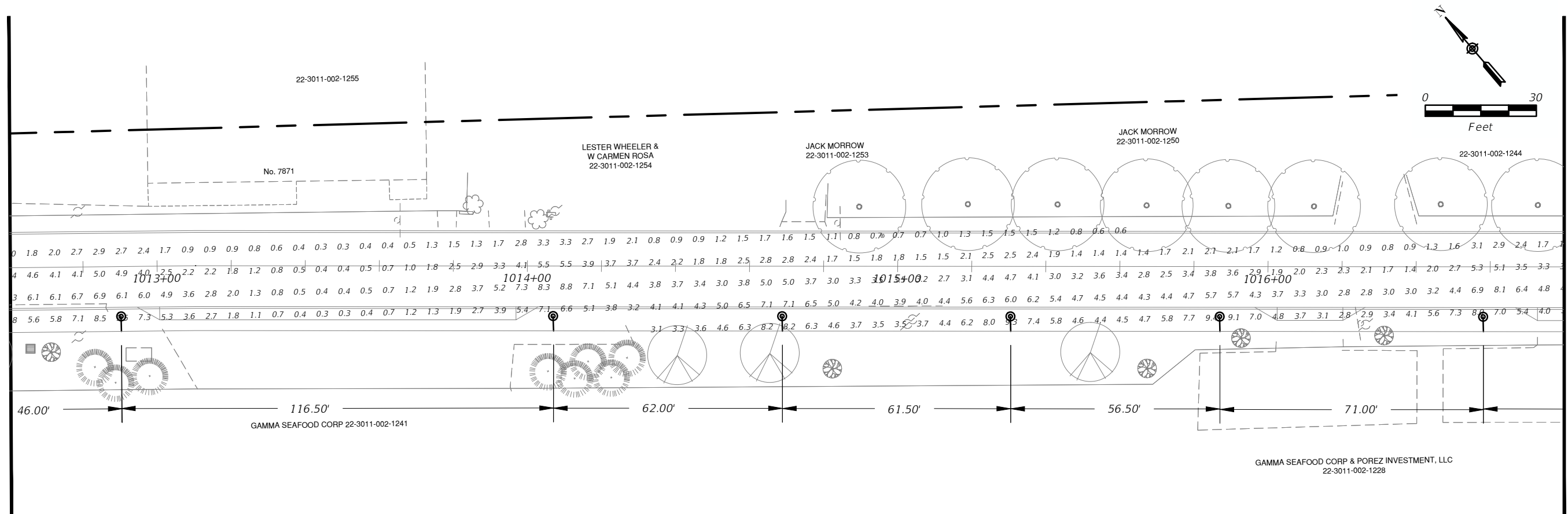
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

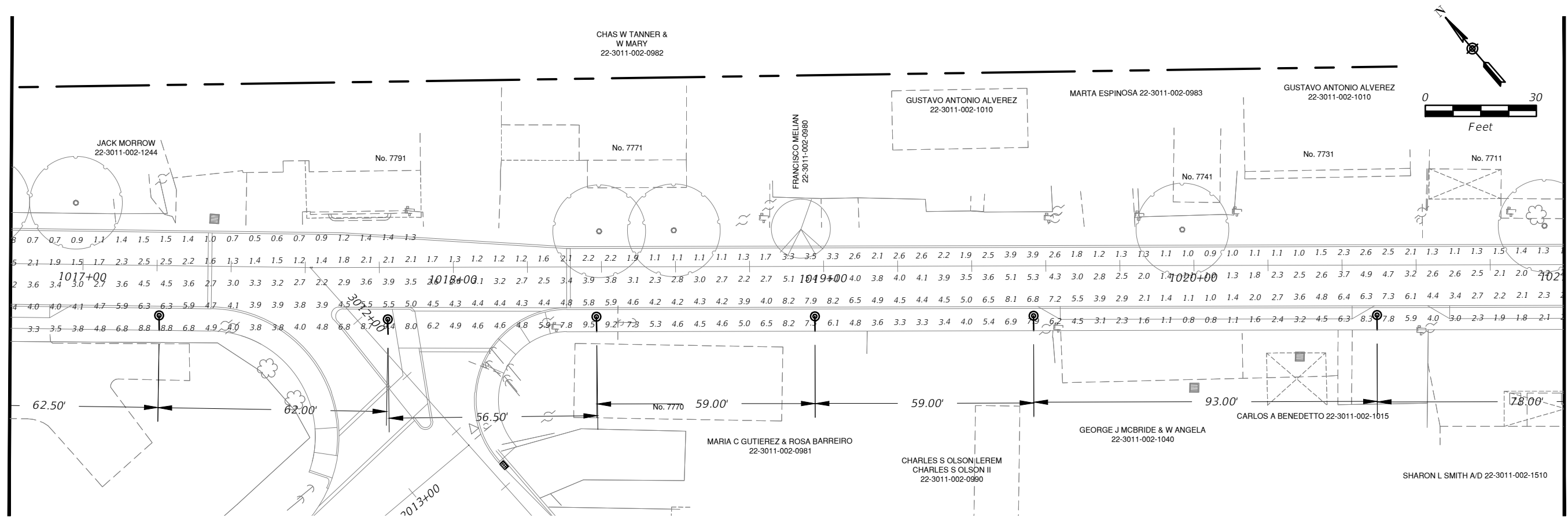
PHOTOMETRIC
PLAN (1 OF 4)

SHEET NO.
E-5.1

MATCHLINE STA. 17+60.00
(SEE SHEET E-4.1)



MATCHLINE STA. 21+80.00
(SEE SHEET E-4.2)



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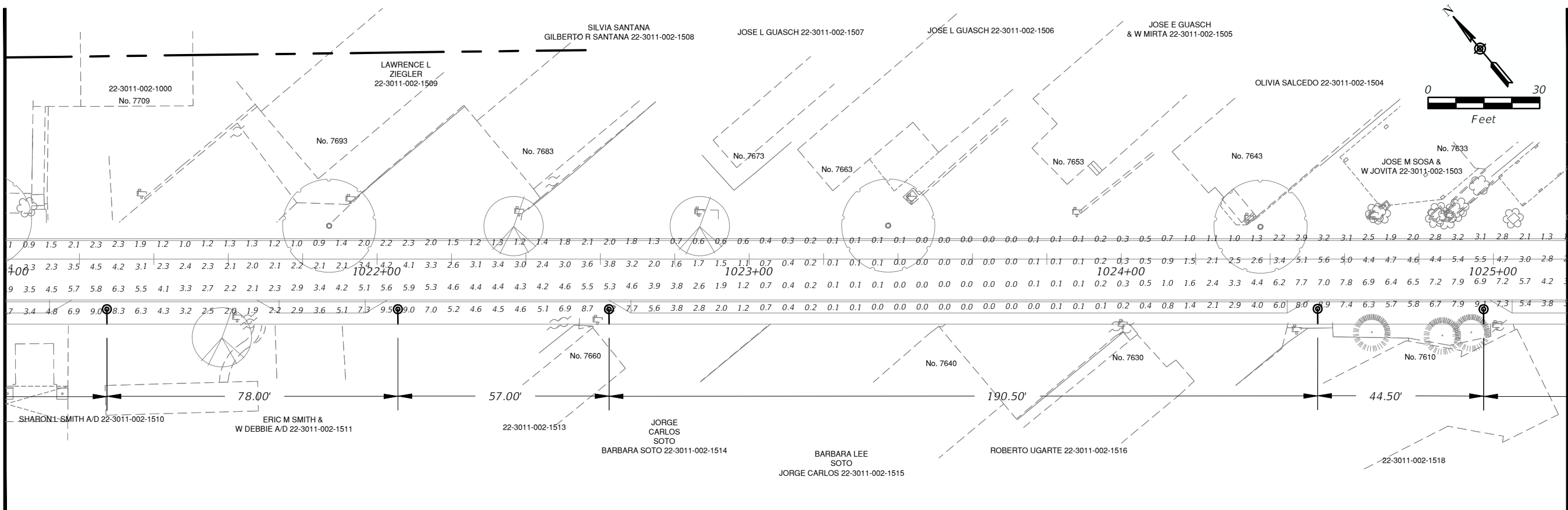


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING
PROJECT STREET: NW S RIVER DRIVE
COUNTY: MIAMI-DADE

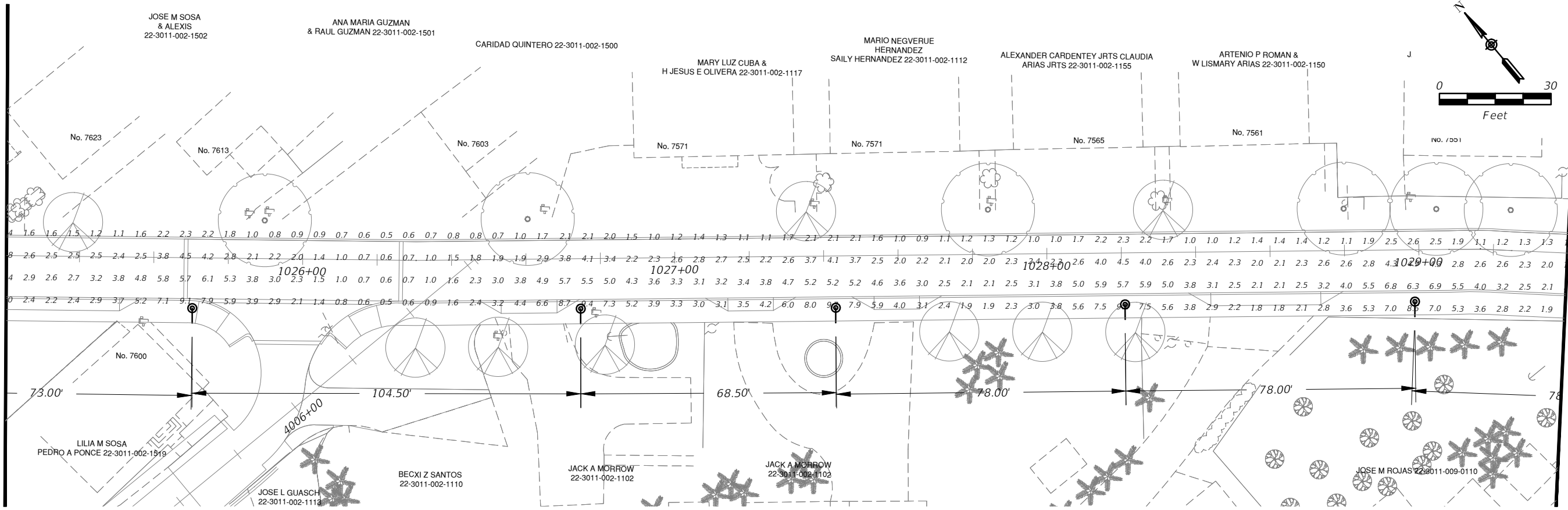
PHOTOMETRIC
PLAN (2 OF 4)

SHEET NO.
E-5.2

MATCHLINE STA. 26+00.00
(SEE SHEET E-4.2)



MATCHLINE STA. 30+20.00



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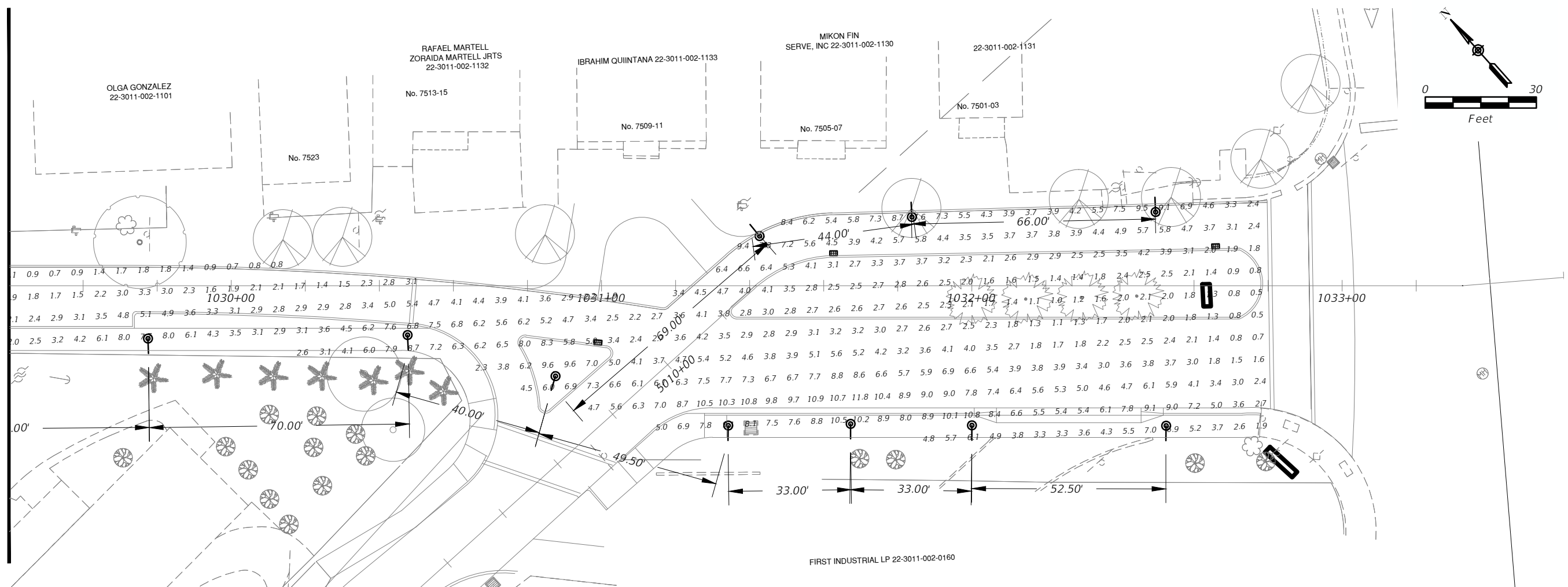
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PHOTOMETRIC
PLAN (3 OF 4)

SHEET NO.
E-5.3

MATCHLINE STA. 34+40.00
(SEE SHEET E-4.3)



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DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PHOTOMETRIC
PLAN (4 OF 4)

SHEET NO.
E-5.4

INDEX OF LANDSCAPE SHEETS

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0.0 COVER

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LA-1.2 EXISTING TREE DISPOSITION PLAN (2 OF 11)

LA-1.3 EXISTING TREE DISPOSITION PLAN (3 OF 11)

LA-1.4 EXISTING TREE DISPOSITION PLAN (4 OF 11)

LA-1.5 EXISTING TREE DISPOSITION PLAN (5 OF 11)

LA-1.6 EXISTING TREE DISPOSITION PLAN (6 OF 11)

LA-1.7 EXISTING TREE DISPOSITION PLAN (7 OF 11)

LA-1.8 EXISTING TREE DISPOSITION PLAN (8 OF 11)

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LA-1.11 EXISTING TREE DISPOSITION PLAN (11 OF 11)

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LA-2.3 LANDSCAPE PLAN (3 OF 11)

LA-2.4 LANDSCAPE PLAN (4 OF 11)

LA-2.5 LANDSCAPE PLAN (5 OF 11)

LA-2.6 LANDSCAPE PLAN (6 OF 11)

LA-2.7 LANDSCAPE PLAN (7 OF 11)

LA-2.8 LANDSCAPE PLAN (8 OF 11)

LA-2.9 LANDSCAPE PLAN (9 OF 11)

LA-2.10 LANDSCAPE PLAN (10 OF 11)

LA-2.11 LANDSCAPE PLAN (11 OF 11)

LA-2.12 PLANT LIST, PLANTING NOTES, AND SITE FURNITURE (1 OF 2)

LA-2.13 PLANT LIST, PLANTING NOTES, AND SITE FURNITURE (2 OF 2)

LA-2.14 LANDSCAPE NOTES AND SPECIFICATIONS

LA-2.15 LANDSCAPE NOTES, SPECIFICATIONS, AND DETAILS

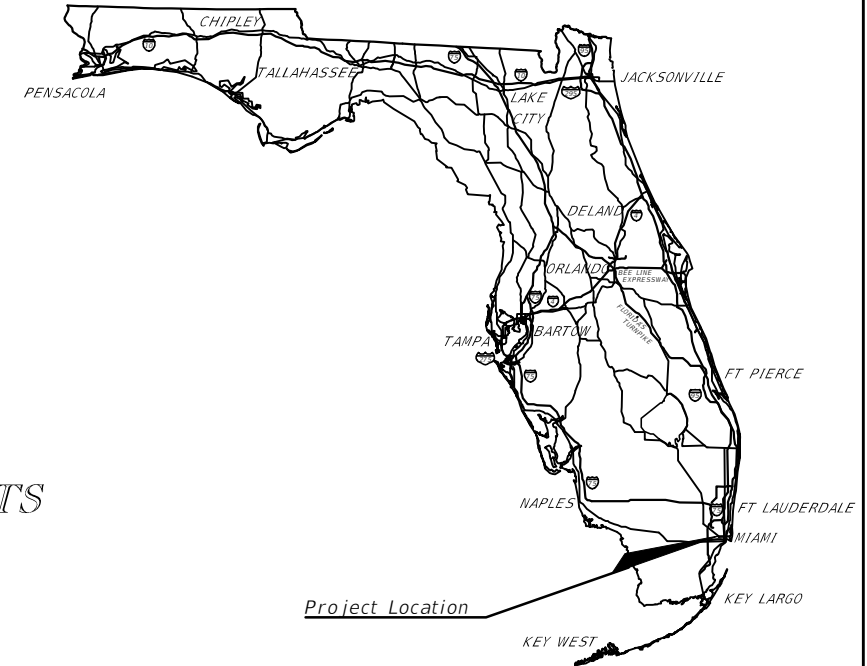
LA-2.16 PLANT LIST AND DETAILS

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING



NW SOUTH RIVER DRIVE
EAST SIDE STREET AND DRAINAGE IMPROVEMENTS
(FROM NW 72 AVENUE TO 74 STREET)
TOWN PROJECT NO. SW-0117.05

LANDSCAPE PLANS



TOWN OF MEDLEY COUNCIL
MAYOR: ROBERTO MARTELL
VICE MAYOR: JACK MORROW
COUNCILPERSON: EDGAR AYALA
GRISELIA DIGIACOMO
SUSANA GUASCH

TOWN ENGINEER: JORGE CORZO, P.E.

PLANS PREPARED BY:
ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE / LAND PLANNING
17670 NW 78th AVE., Suite 214, MIAMI, FLORIDA, 33015
PHONE: 305-392-1016, FAX: 305-392-1019, CORPORATE #: LC0000266
www.ROSENBERGGARDNER.com

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

100% SUBMITTAL
APRIL 14, 2015

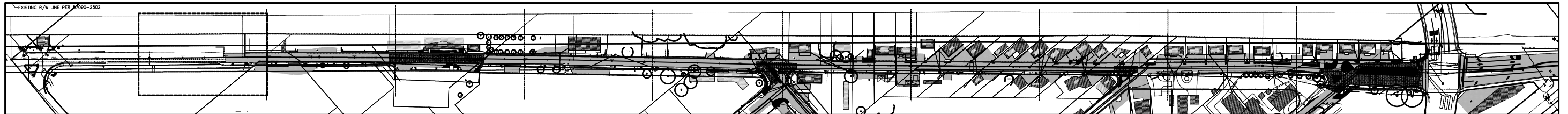
LANDSCAPE ARCHITECT OF RECORD: KEN GARDNER, ASLA

FLLA. NO.: 1569

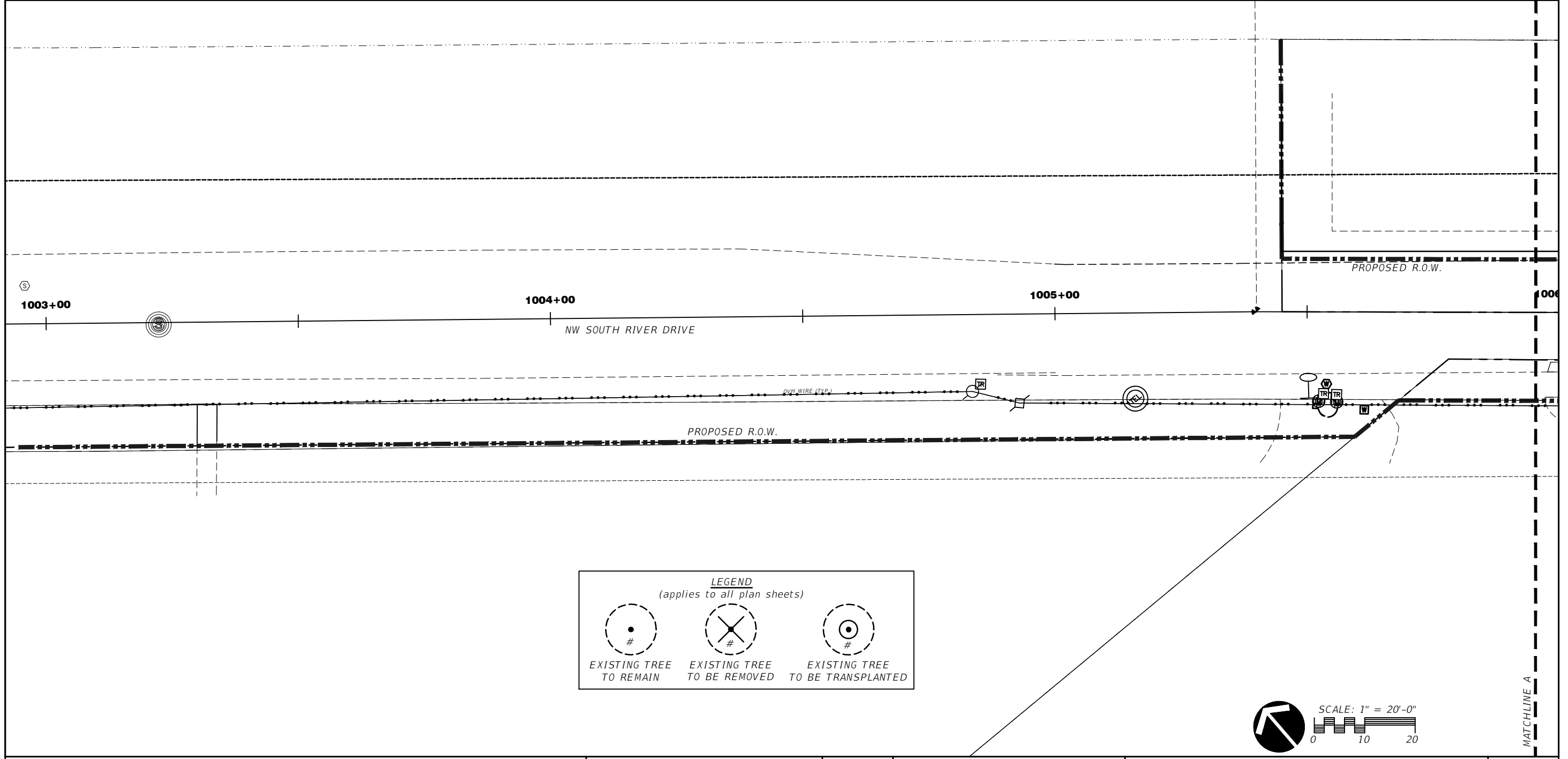
KEY SHEET REVISIONS	
DATE	DESCRIPTION

FISCAL YEAR	SHEET NO.
15	L-0.0

TOWN OF MEDLEY PROJECT MANAGER: JORGE CORZO, P.E.

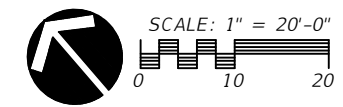


NO EXISTING TREES ON THIS SHEET



LEGEND
(applies to all plan sheets)

EXISTING TREE TO REMAIN	EXISTING TREE TO BE REMOVED	EXISTING TREE TO BE TRANSPLANTED



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Ken Gardner - FLLA.# 1569

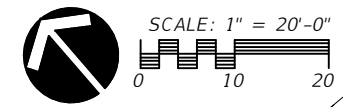
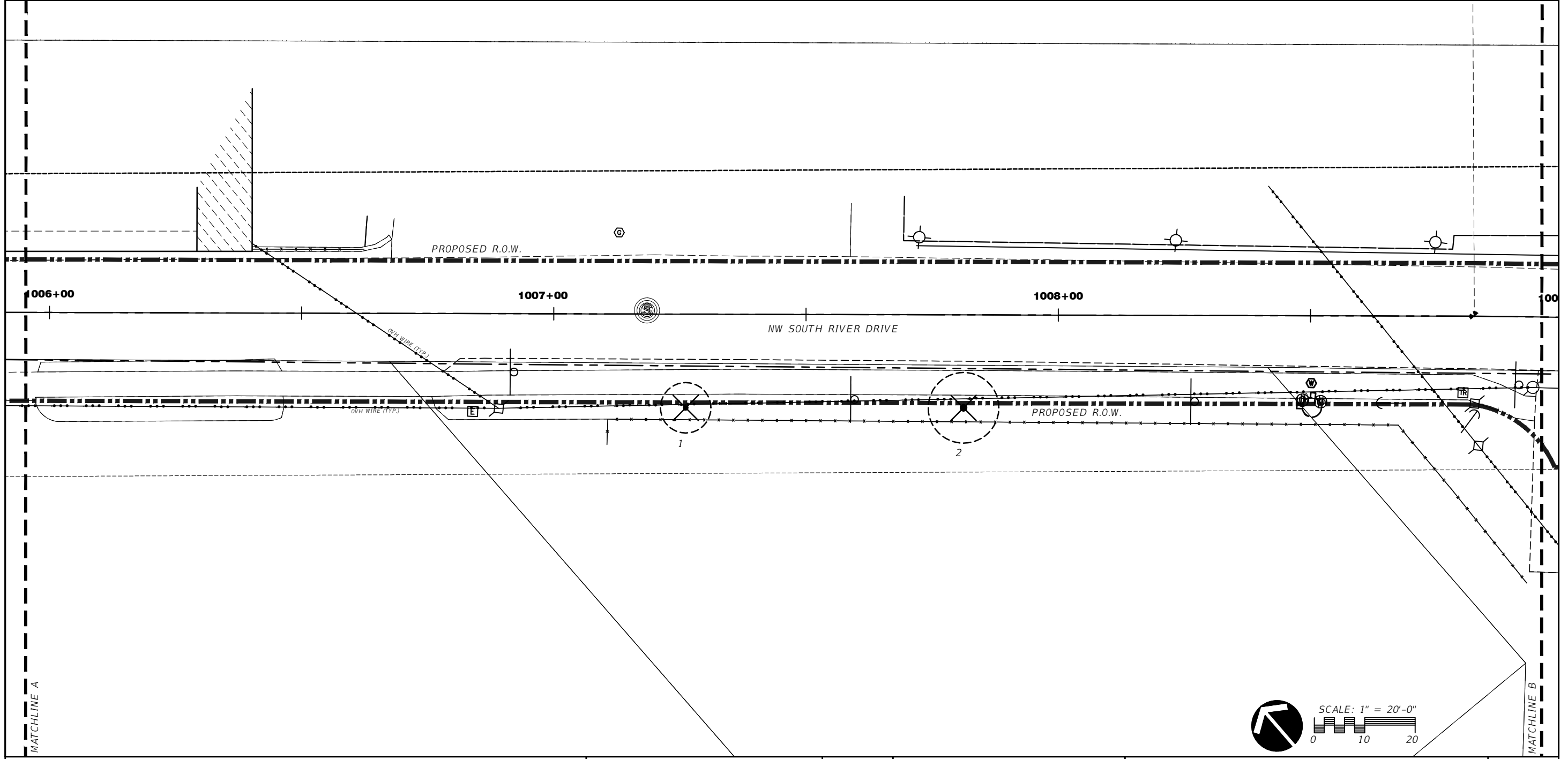
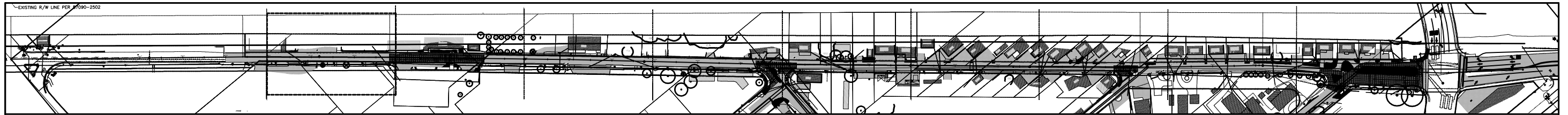
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LAND PLANNING
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
---	-----------------------------

EXISTING TREE DISPOSITION PLAN

SHEET NO.
LA-1.1



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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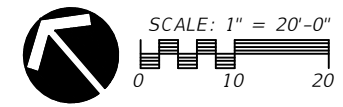
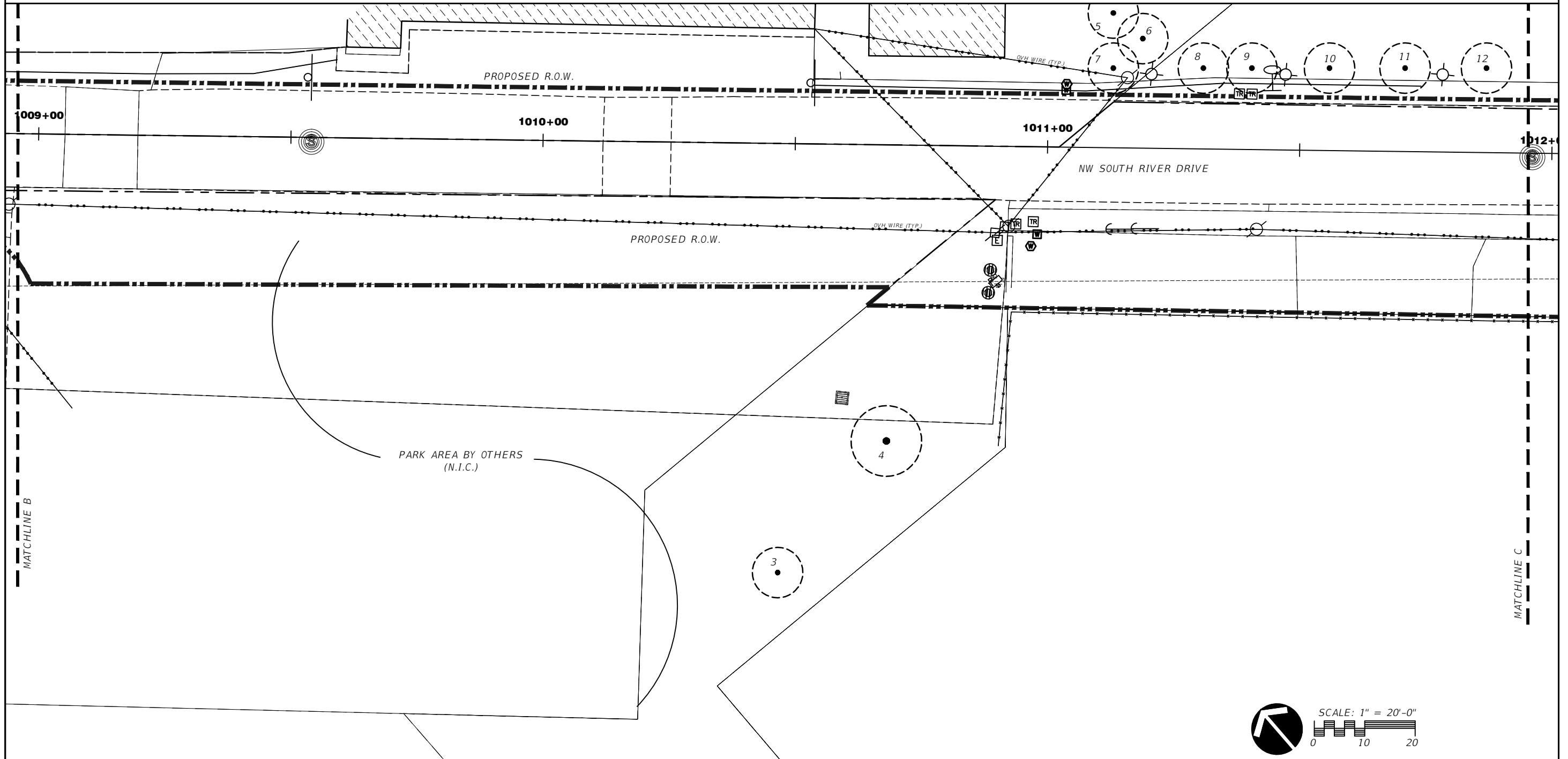
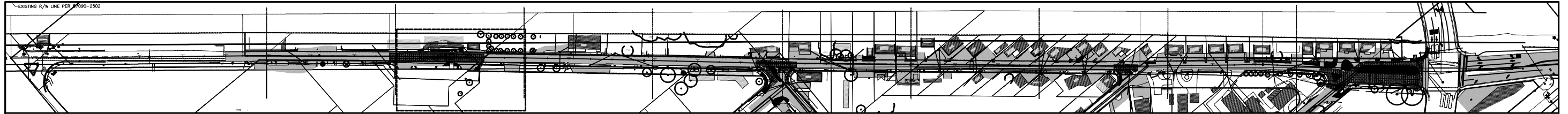


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

EXISTING TREE DISPOSITION PLAN

SHEET NO.
 LA-1.2



REVISIONS			
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 FAX: 305-392-1019
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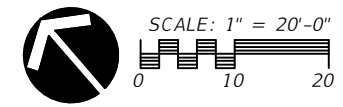
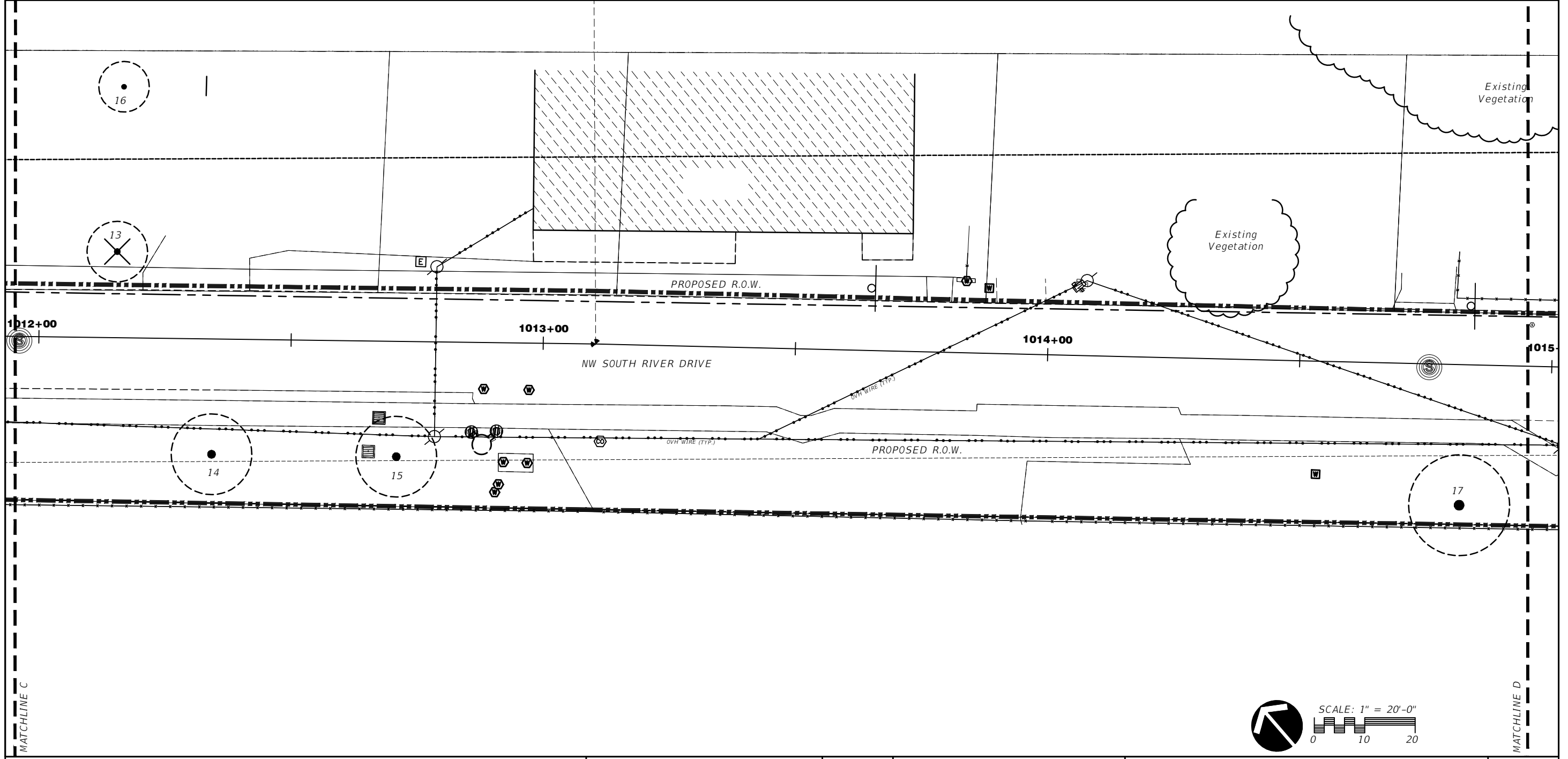
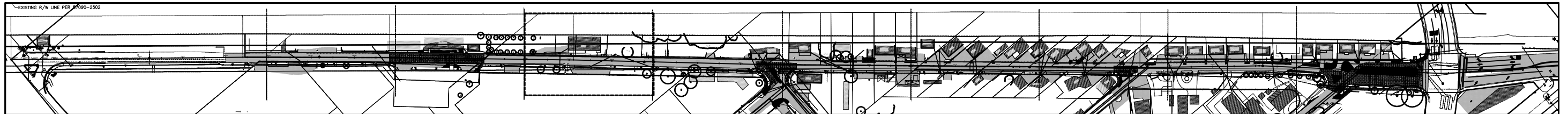
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

EXISTING TREE DISPOSITION PLAN

SHEET NO.
 LA-1.3



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 PHONE: 305-392-1016
 FAX: 305-392-1019
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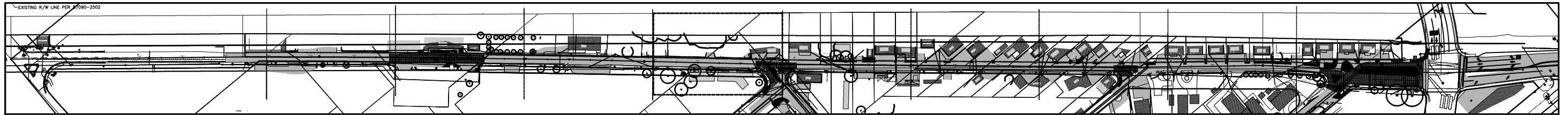


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

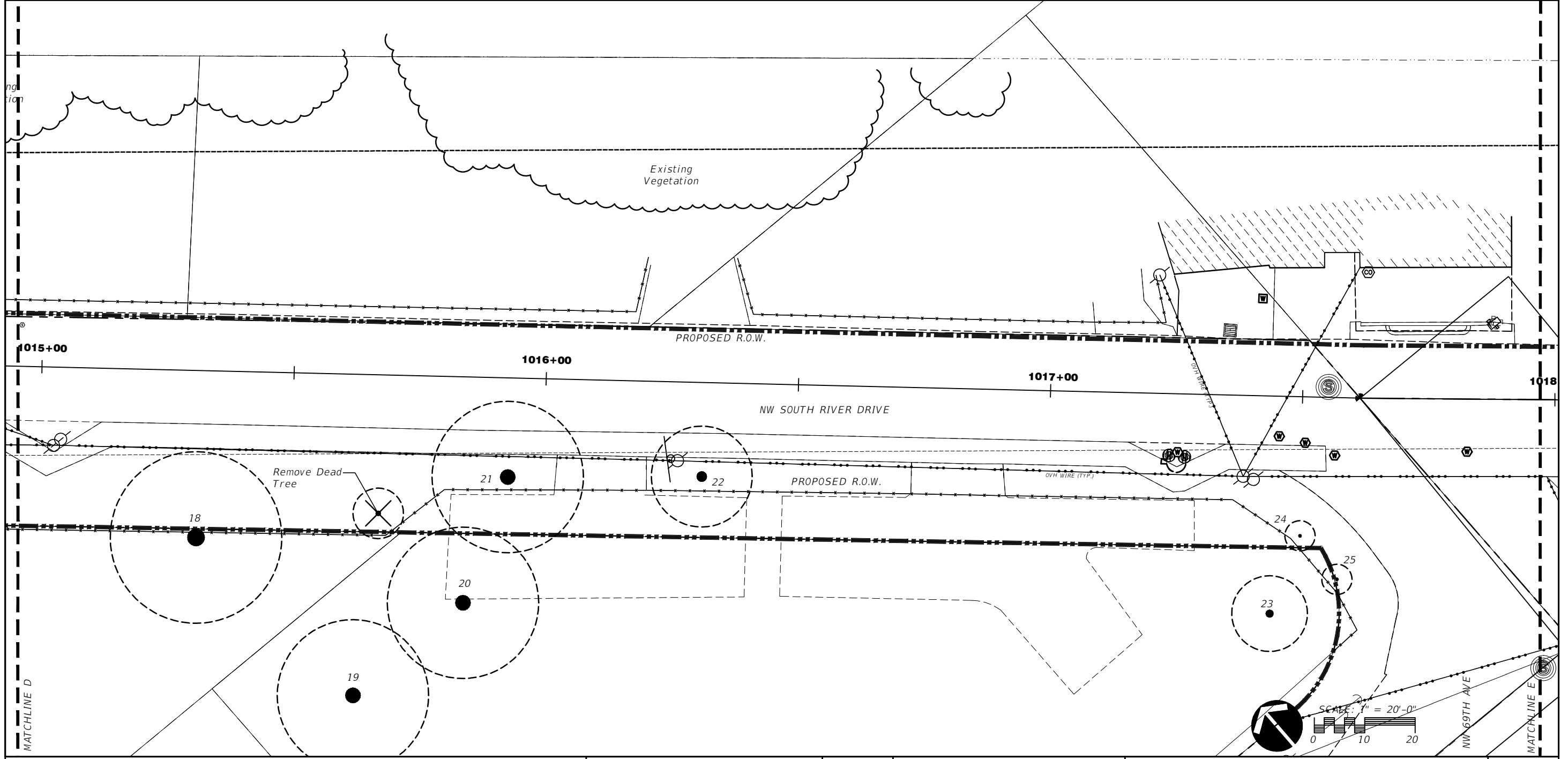
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

EXISTING TREE DISPOSITION PLAN

SHEET NO.
 LA-1.4



KEY MAP
SCALE: N.T.S.



REVISIONS			
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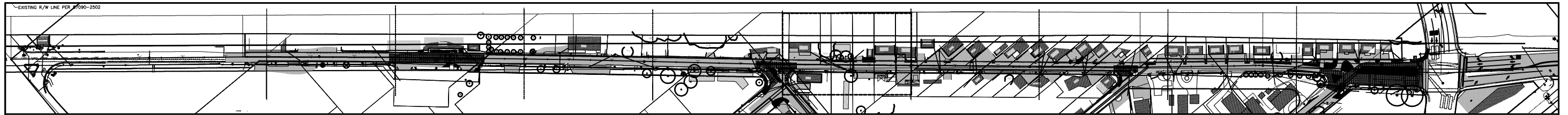
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

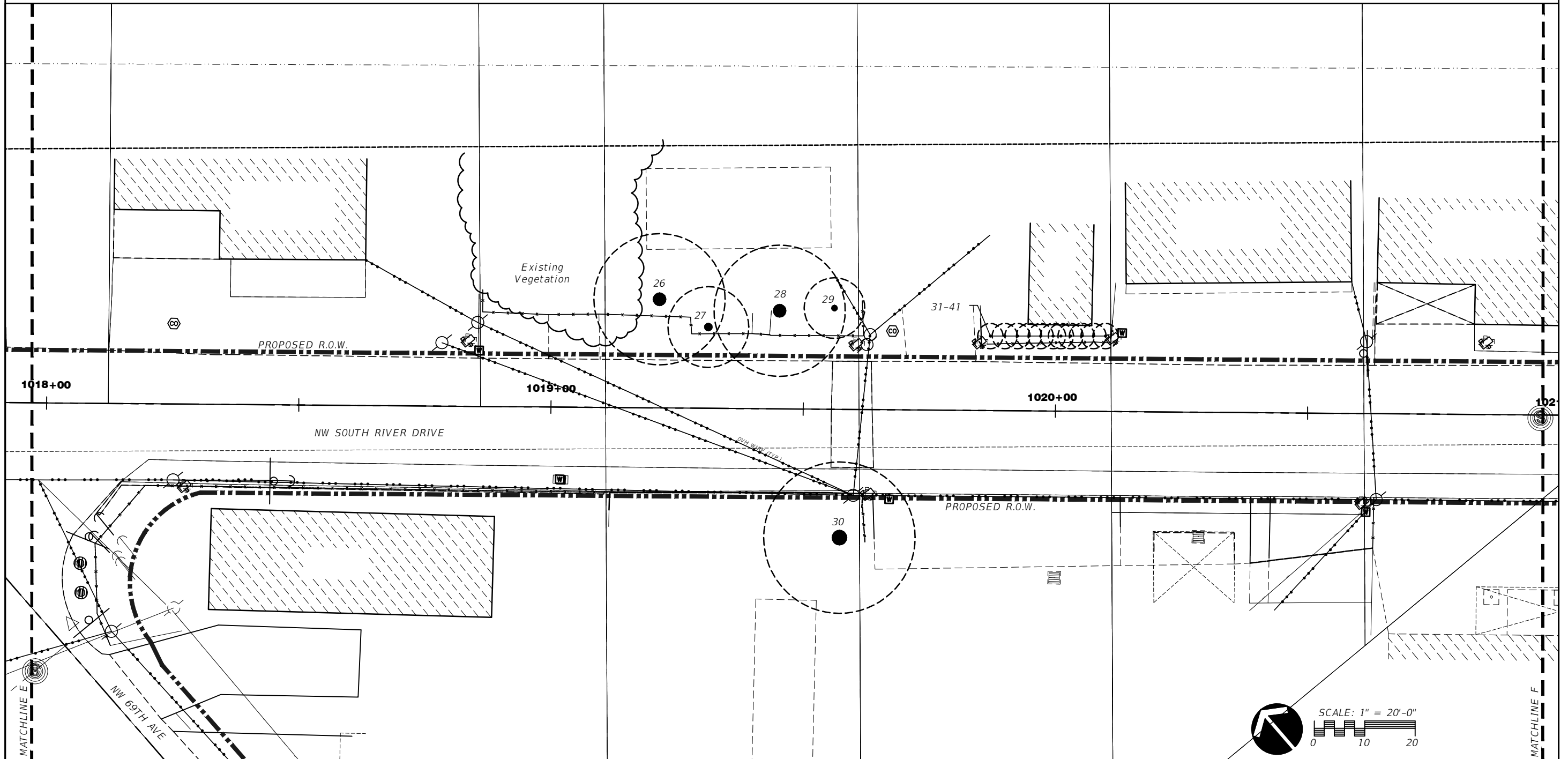
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

EXISTING TREE DISPOSITION PLAN

SHEET NO.
LA-1.5



KEY MAP
SCALE: N.T.S.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE & LAND PLANNING
17670 NW 78th AVE, Suite 214
MIAMI, FLORIDA 33156
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000266
www.ROSENBERGGARDNER.com

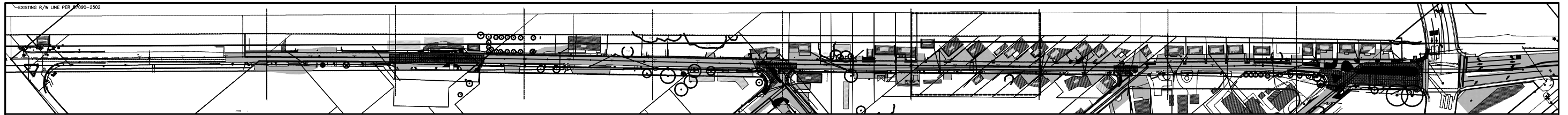
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

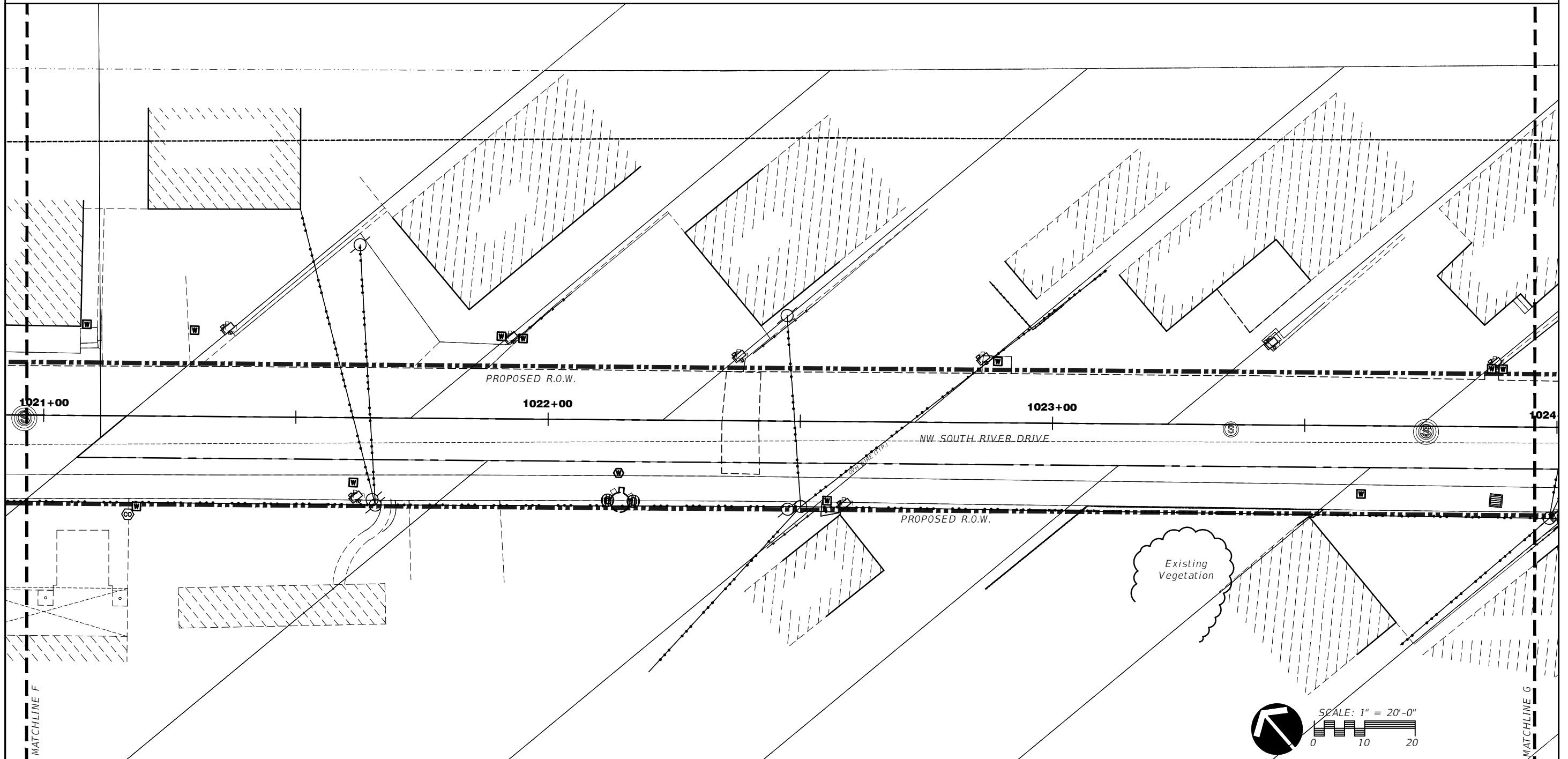
PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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EXISTING TREE DISPOSITION PLAN

SHEET NO.
LA-1.6



KEY MAP
SCALE: N.T.S.



SCALE: 1" = 20'-0"

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE & LAND PLANNING
17670 NW 78th AVE., Suite 214
MIAMI, FLORIDA 33186
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000266
www.ROSENBERGGARDNER.com

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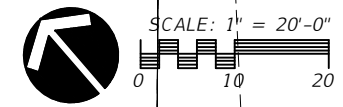
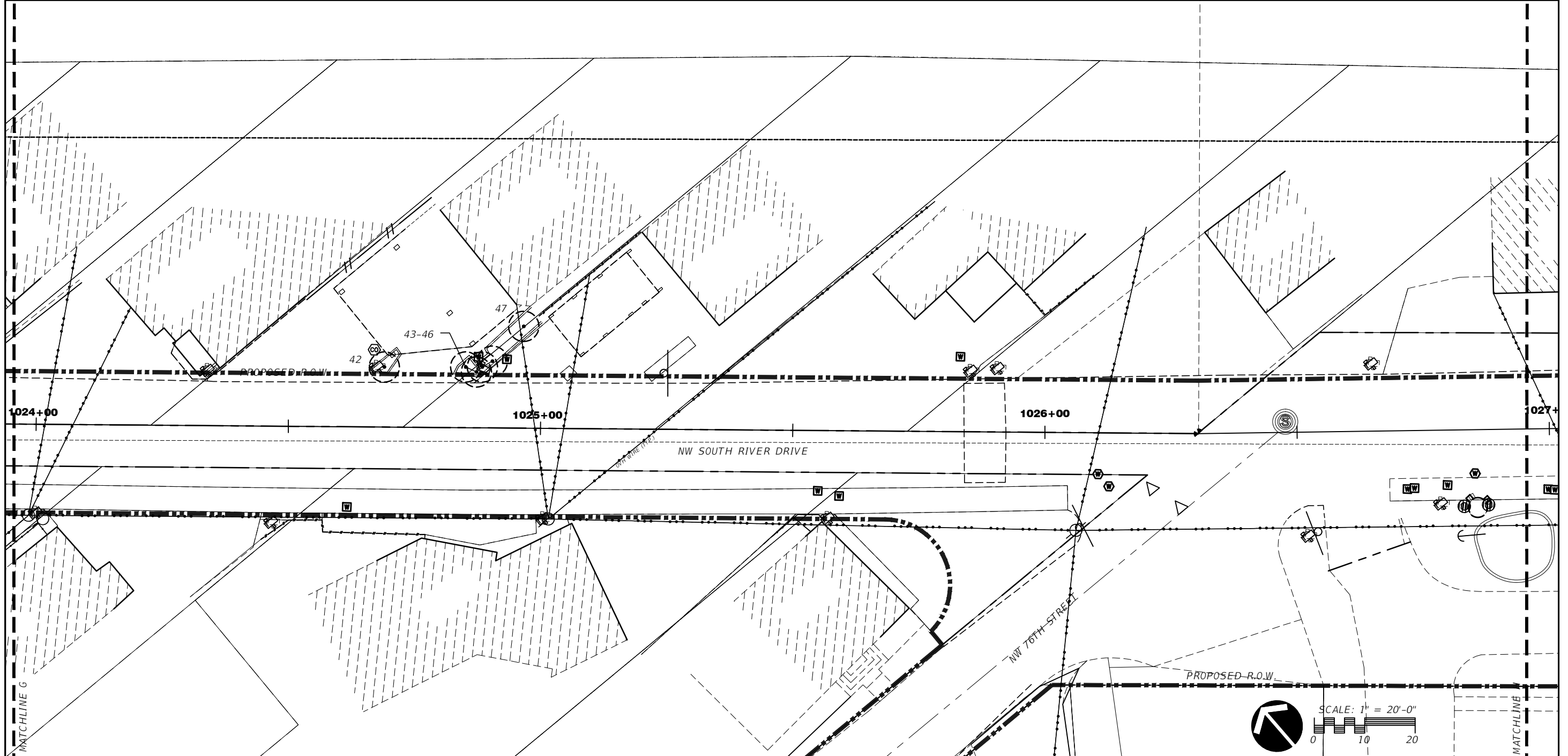
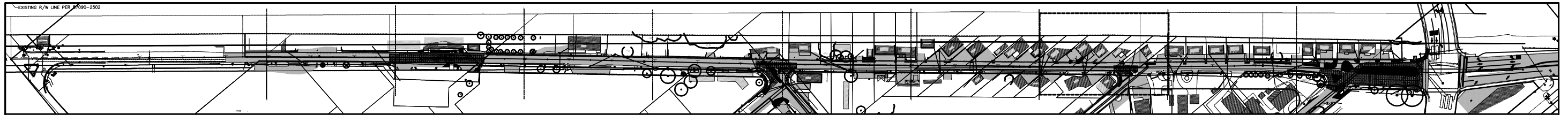


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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EXISTING TREE DISPOSITION PLAN

SHEET NO.
LA-1.7



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 17670 NW 78th AVE., Suite 214
 MIAMI, FLORIDA 33156
 PHONE: 305-392-1016
 FAX: 305-392-1019
 CORPORATE #: LC0000266
 www.ROSENBERGGARDNER.com

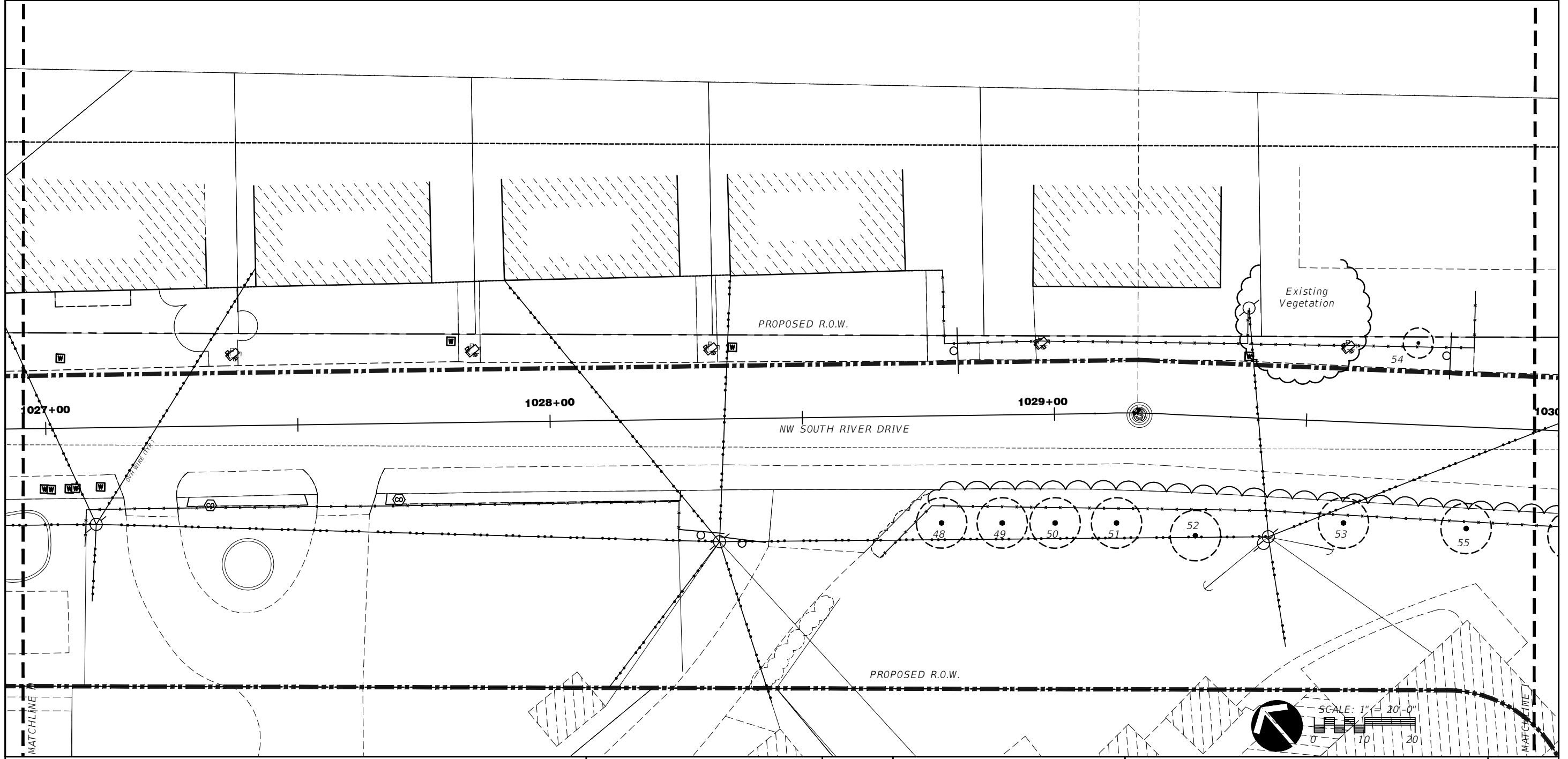
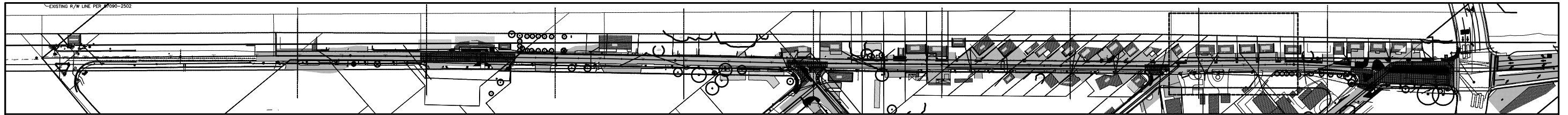
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
------------------------------------	----------------------

EXISTING TREE DISPOSITION PLAN

SHEET NO.
LA-1.8



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
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 PHONE: 305-392-1016
 FAX: 305-392-1019
 CORPORATE #: LC0000266
 www.ROSENBERGGARDNER.com

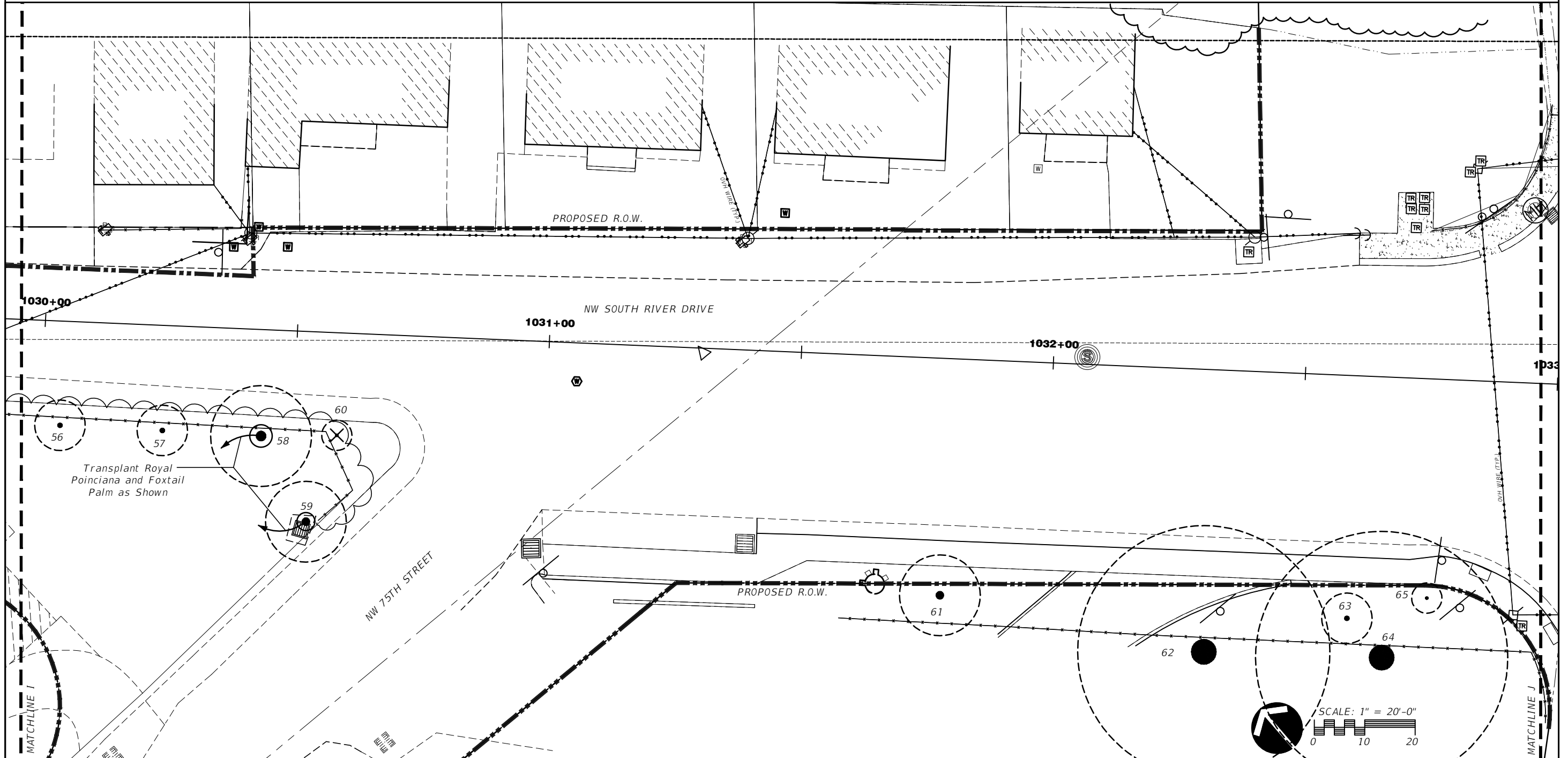
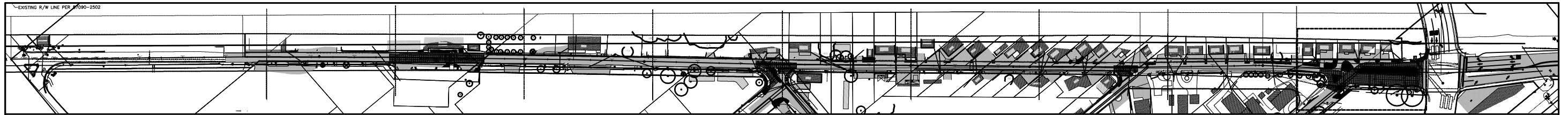
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

EXISTING TREE DISPOSITION PLAN

SHEET NO.
 LA-1.9



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 PHONE: 305-392-1016
 FAX: 305-392-1019
 CORPORATE #: LC0000266
 www.ROSENBERGGARDNER.com

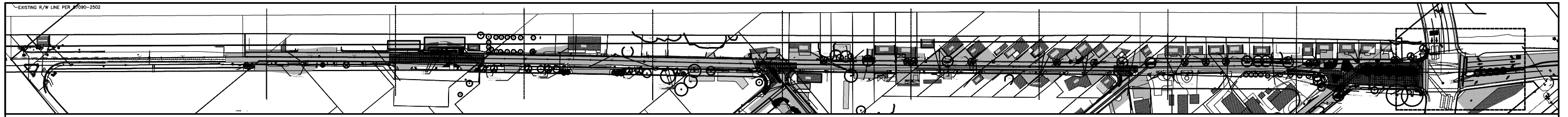
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

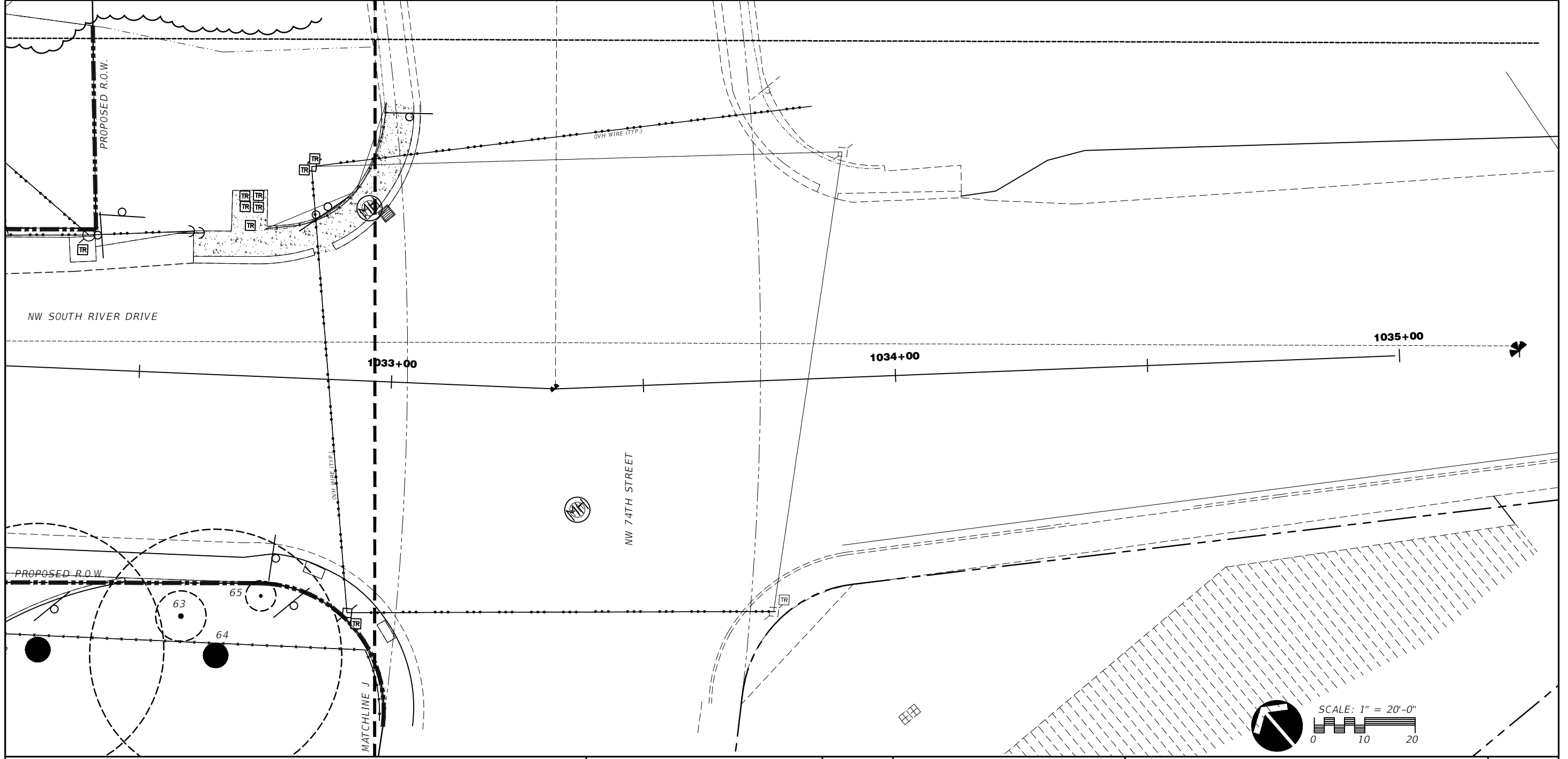
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

EXISTING TREE DISPOSITION PLAN

SHEET NO.
 LA-1.10



KEY MAP
SCALE: N.T.S.



SCALE: 1" = 20'-0"
0 10 20

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
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TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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EXISTING TREE DISPOSITION PLAN

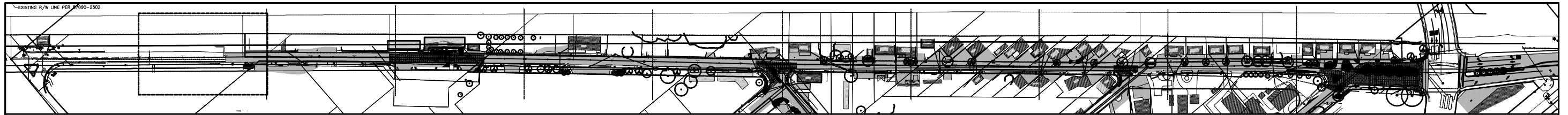
SHEET NO.
LA-1.11

EXISTING TREE DISPOSITION LIST										
KEY	BOTANICAL NAME	COMMON NAME	SIZE			DISPOSITION			MITIGATION	
			HT.(ft.)	SPD.(ft.)	DBH.(in.)	REMAIN	REMOVE	TRANSPL.	S.F. CANOPY	
1	Schefflera actinophylla	Umbrella Tree	20	10	8		X		Exempt by Ordinance	
2	Schefflera actinophylla	Umbrella Tree	26	14	12		x		Exempt by Ordinance	
3	Syagrus romanzoffianum	Queen Palm	14	10	8	X				
4	Tabebuia caribea	Yellow Trumpet Tree	14	14	8	X				
5	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
6	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
7	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
8	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
9	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
10	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
11	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
12	Veitchia merrillii	Christmas Palm	10	10	4+4+4	X				
13	Washingtonia robusta	Washington Palm	16	12	9		X		Exempt by Ordinance	
14	Callistemon viminalis	Bottlebrush Tree	16	16	12	X				
15	Callistemon viminalis	Bottlebrush Tree	15	16	12	X				
16	Veitchia merrillii	Christmas Palm	7	10	4+4+4					
17	Bucida buceras	Black Olive	16	20	8	X				
18	Bucida buceras	Black Olive	34	34	16	X				
19	Bucida buceras	Black Olive	32	30	14	X				
20	Bucida buceras	Black Olive	32	30	18	X				
21	Bucida buceras	Black Olive	30	30	22	X				
22	Bucida buceras	Black Olive	20	20	12	X				
23	Roystonea regia	Royal Palm	28	15	18	X				
24	Ptychosperma elegans	Solitare Palm	10	6	3	X				
25	Ptychosperma elegans	Solitare Palm	10	6	3+3	X				
26	Mangifera indica	Mango	26	26	10	X				
27	Eriobotrya japonica	Loquat	16	16	4+2	X				
28	Mangifera indica	Mango	26	26	6+6	X				
29	Mangifera indica	Mango	18	12	6	X				
30	Unknown		30	30	10	X				
31	Veitchia merrillii	Christmas Palm	8	5	3	X				
32	Veitchia merrillii	Christmas Palm	8	5	3	X				
33	Veitchia merrillii	Christmas Palm	8	5	3	X				
34	Veitchia merrillii	Christmas Palm	8	5	3	X				
35	Veitchia merrillii	Christmas Palm	8	5	3	X				

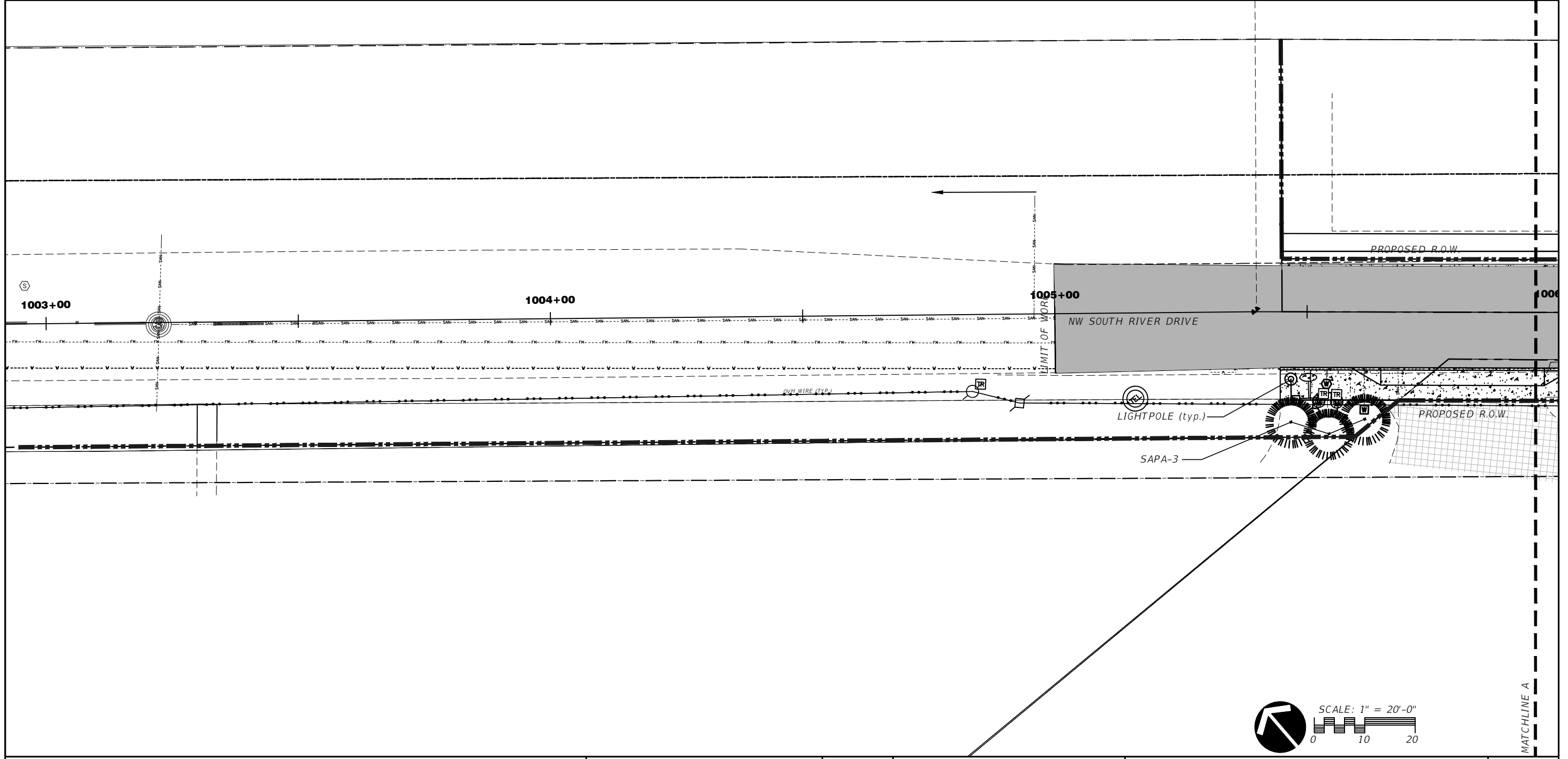
EXISTING TREE DISPOSITION LIST										
KEY	BOTANICAL NAME	COMMON NAME	SIZE			DISPOSITION			MITIGATION	
			HT.(ft.)	SPD.(ft.)	DBH.(in.)	REMAIN	REMOVE	TRANSPL.	S.F. CANOPY	
36	Veitchia merrillii	Christmas Palm	8	5	3	X				
37	Veitchia merrillii	Christmas Palm	8	5	3	X				
38	Veitchia merrillii	Christmas Palm	8	5	3	X				
39	Veitchia merrillii	Christmas Palm	8	5	3	X				
40	Veitchia merrillii	Christmas Palm	8	5	3	X				
41	Veitchia merrillii	Christmas Palm	8	5	3	X				
42	Wodyetia bifurcata	Foxtail Palm	10	6	3	X				
43	Veitchia merrillii	Christmas Palm	18	6	5	X				
44	Veitchia merrillii	Christmas Palm	18	6	5	X				
45	Veitchia merrillii	Christmas Palm	18	6	5	X				
46	Veitchia merrillii	Christmas Palm	18	6	5	X				
47	Veitchia merrillii	Christmas Palm	18	6	5	X				
48	Veitchia merrillii	Christmas Palm	10	10	3+3+3	X				
49	Veitchia merrillii	Christmas Palm	10	10	3+3+3	X				
50	Veitchia merrillii	Christmas Palm	10	10	3+3+3	X				
51	Veitchia merrillii	Christmas Palm	10	10	3+3+3	X				
52	Tabebuia caribea	Yellow Trumpet Tree	14	10	6	X				
53	Veitchia merrillii	Christmas Palm	16	6	5	X				
54	Wodyetia bifurcata	Foxtail Palm	12	10	5	X				
55	Wodyetia bifurcata	Foxtail Palm	12	10	5	X				
56	Wodyetia bifurcata	Foxtail Palm	12	10	5	X				
57	Wodyetia bifurcata	Foxtail Palm	12	10	5	X				
58	Delonix regia	Royal Poinciana	24	20	6				X	
59	Wodyetia bifurcata	Foxtail Palm	20	16	10				X	
60	Ptychosperma elegans	Solitare Palm	6	6	3		X			28
61	Callistemon viminalis	Bottlebrush Tree	14	16	12	X				
62	Swietenia mahagonii	West Indies Mahogany	46	50	20	X				
63	Callistemon viminalis	Bottlebrush Tree	5	10	6	X				
64	Swietenia mahagonii	West Indies Mahogany	50	50	24	X				
65	Veitchia merrillii	Christmas Palm	10	6	3	X				
TOTAL CANOPY S.F. TO BE REPLACED										28
TOTAL REPLACEMENT CANOPY S.F. PROVIDED										25,000

NOTE: Prune all existing tree branches blocking views of of existing and proposed signage to allow visibility.

REVISIONS				 LANDSCAPE ARCHITECTURE LAND PLANNING <small>MIAMI, FLORIDA 33106 PHONE: 305-392-1016 FAX: 305-392-1019 CORPORATE #: LC0000266 WWW.ROSENBERGGARDNER.COM</small>	 TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE	EXISTING TREE DISPOSITION LIST	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						LA-1.12



KEY MAP
SCALE: N.T.S.



SCALE: 1" = 20'-0"

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE & LAND PLANNING
17670 NW 78th AVE., Suite 214
MIAMI, FLORIDA 33156
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000286
www.ROSENBERGGARDNER.com

Ken Gardner - FLLA.# 1569

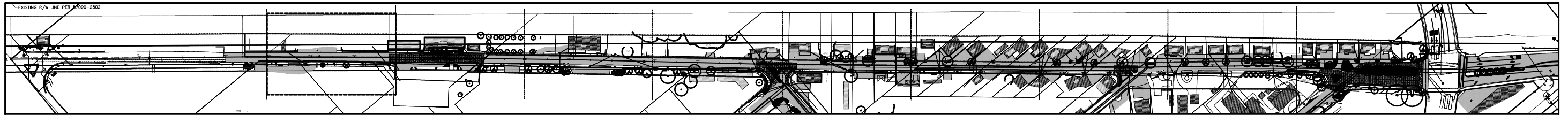


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

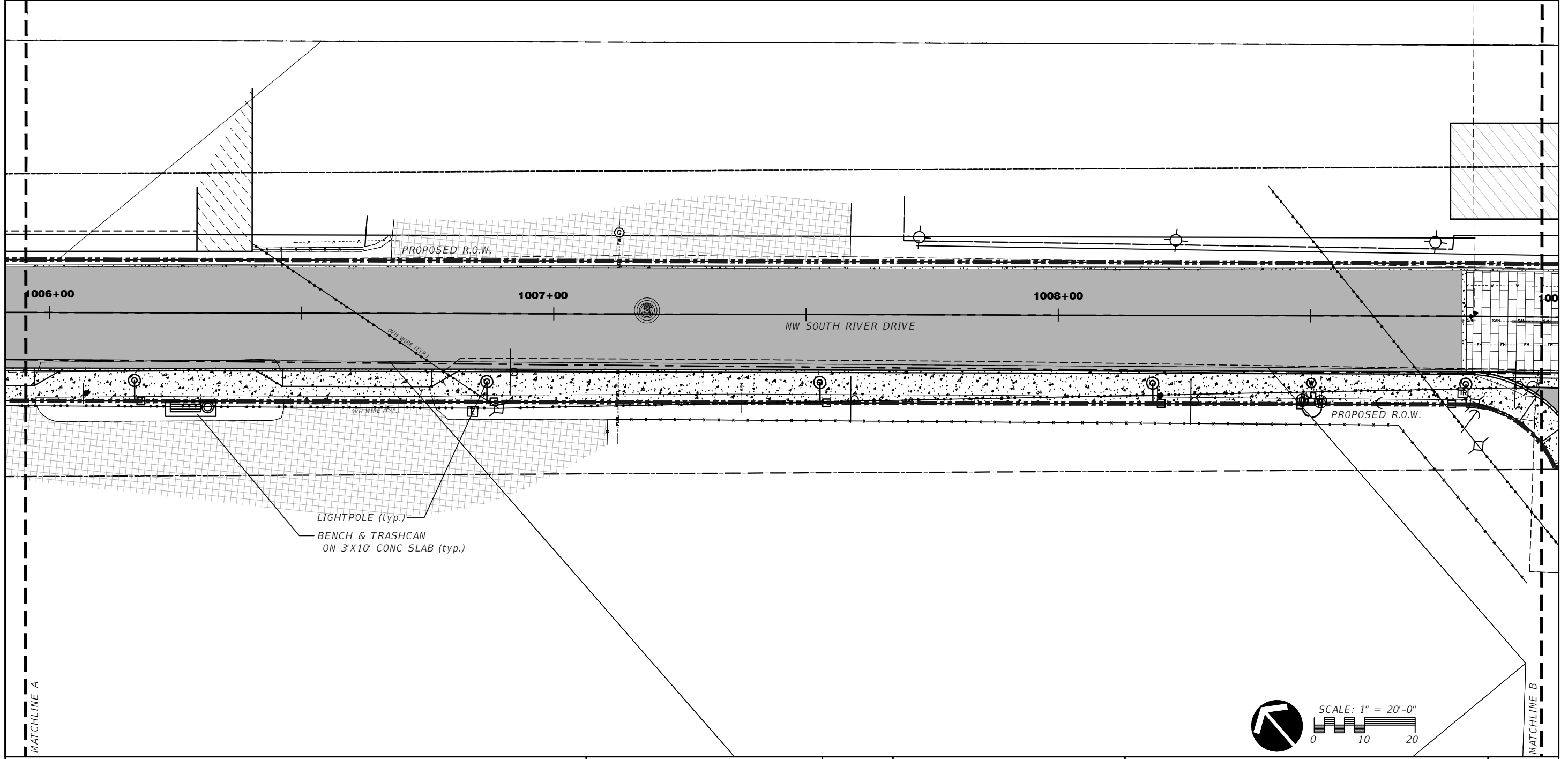
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.1



KEY MAP
SCALE: N.T.S.



SCALE: 1" = 20'-0"

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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17670 NW 78th AVE., Suite 214
MIAMI, FLORIDA 33166
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000266
www.ROSENBERGGARDNER.com

Ken Gardner - FLLA.# 1569

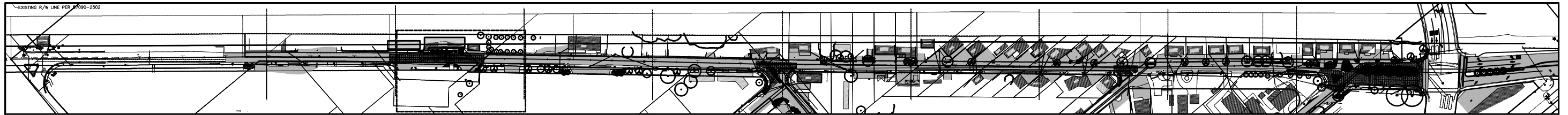


TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

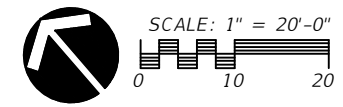
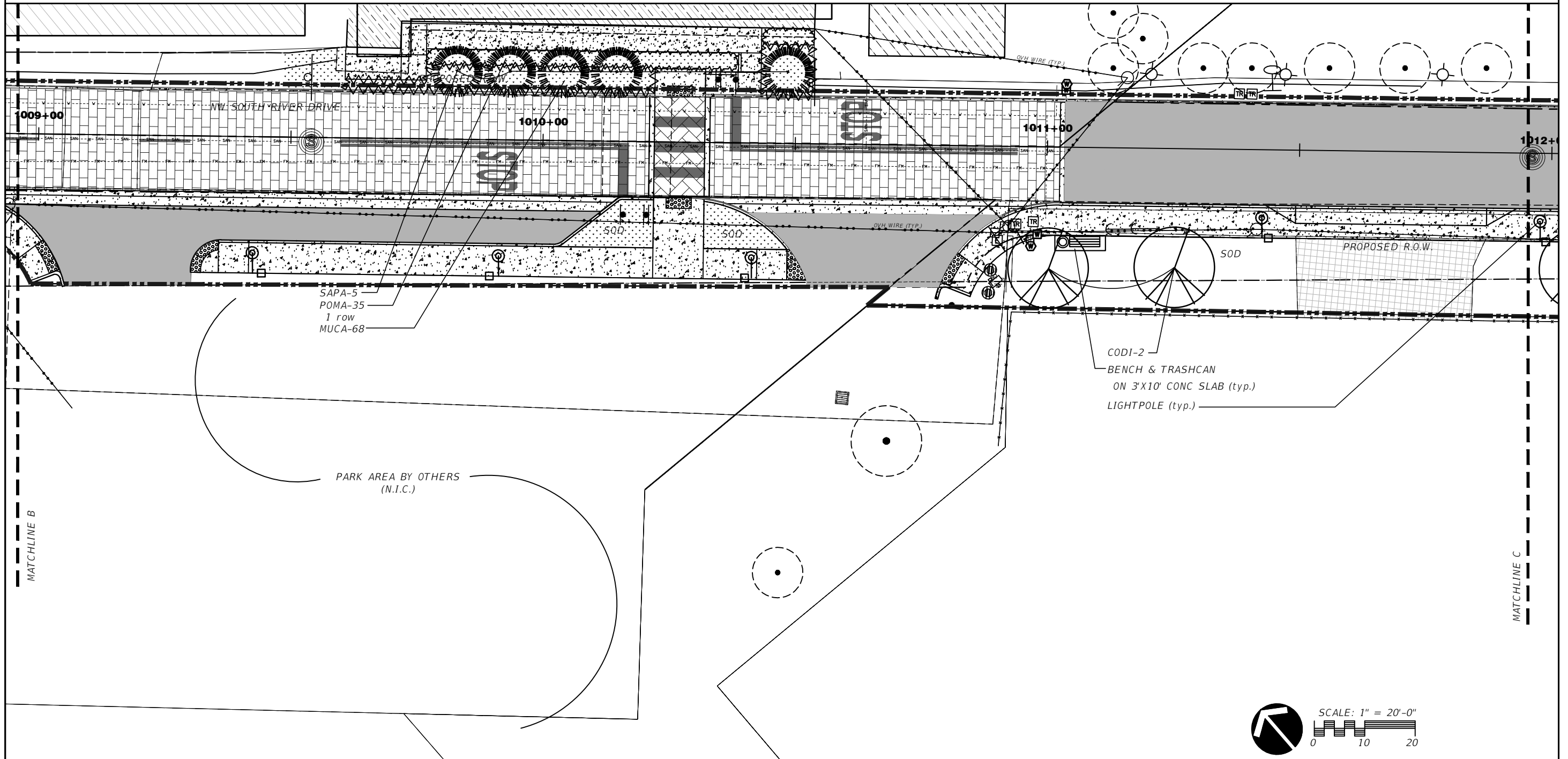
PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.2



NOTE: LIGHTING IN PARKING AREA TO MEET MIAMI-DADE COUNTY STANDARDS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 PHONE: 305-392-1016
 FAX: 305-392-1019
 CORPORATE #: LC0000266
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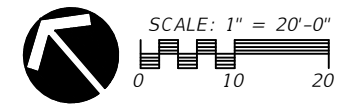
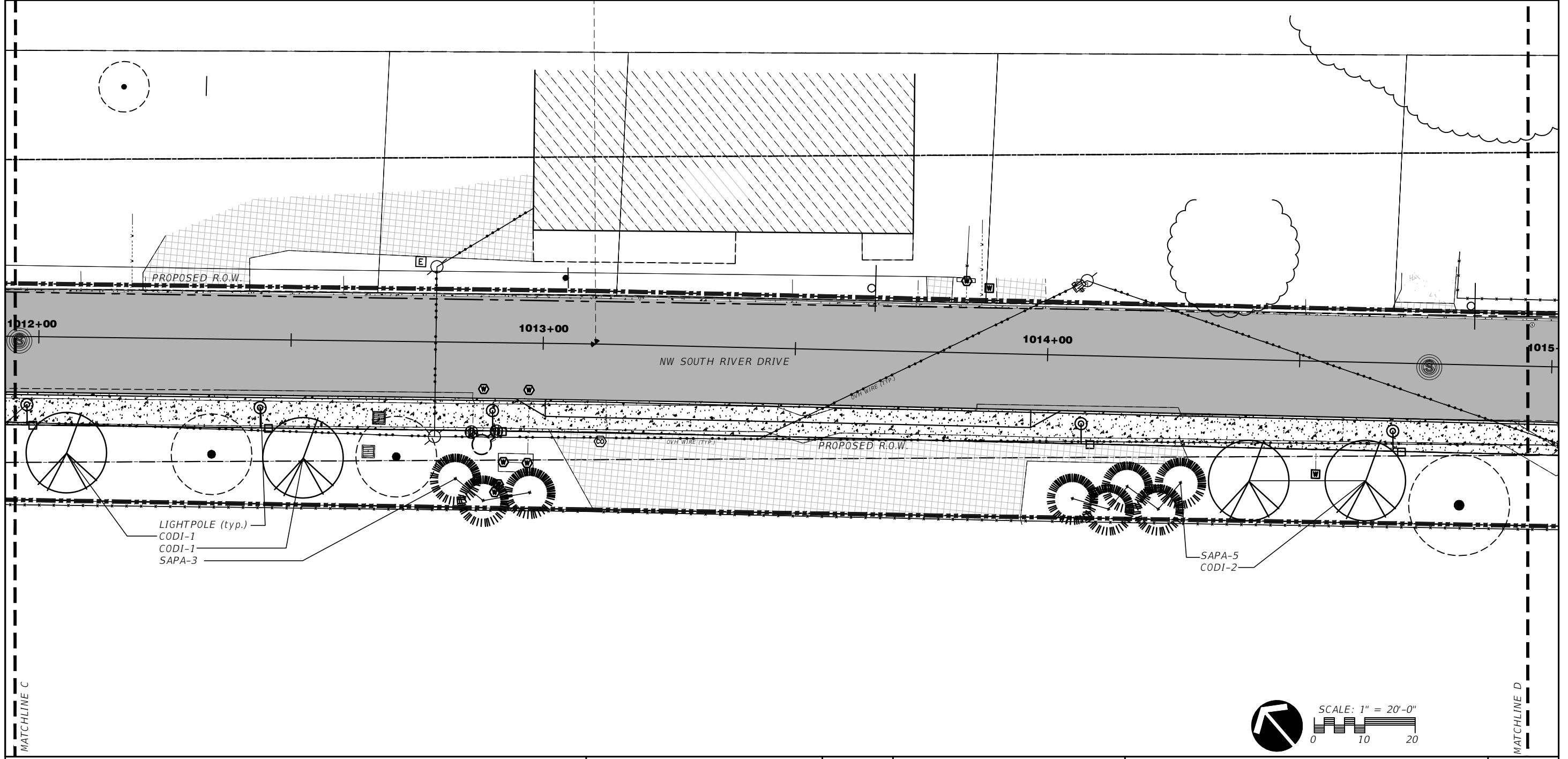
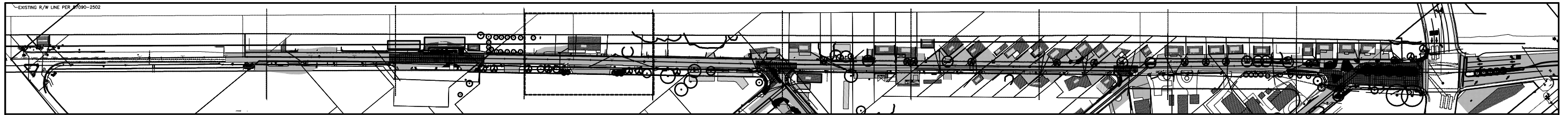
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PROPOSED LANDSCAPE PLAN

SHEET NO.
 LA-2.3



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 PHONE: 305-392-1016
 FAX: 305-392-1019
 CORPORATE #: LC0000266
 www.ROSENBERGGARDNER.com

Ken Gardner - FLLA.# 1569

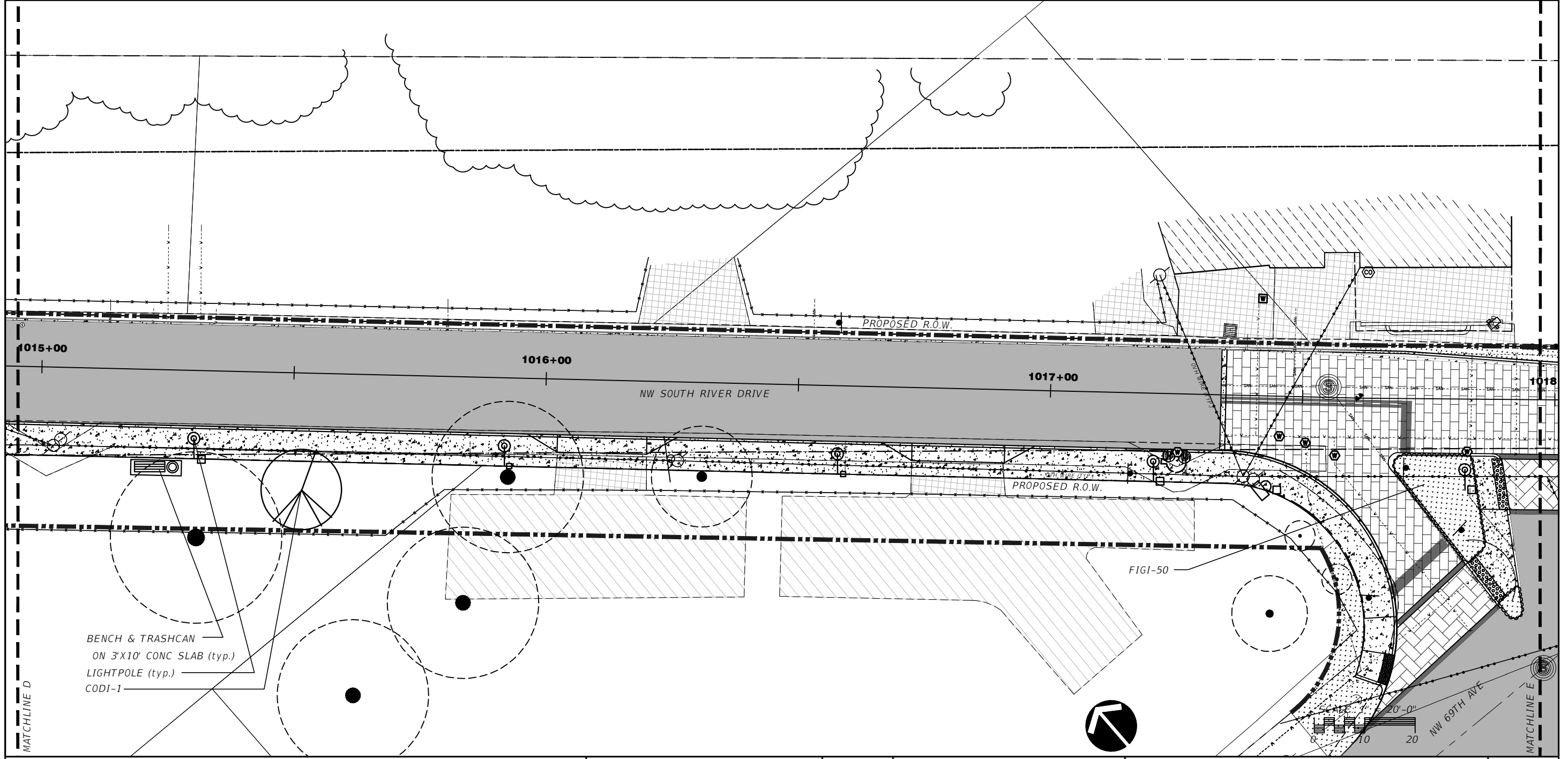
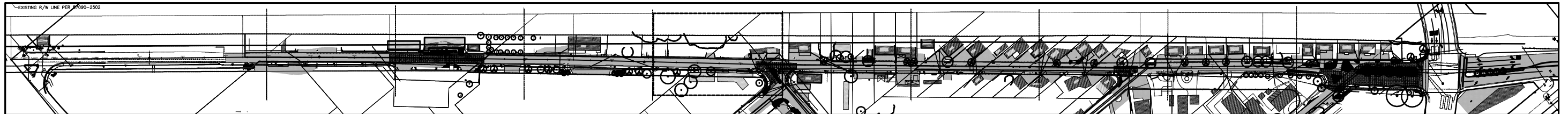


TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

PROPOSED LANDSCAPE PLAN

SHEET NO.
 LA-2.4



BENCH & TRASHCAN
ON 3'X10' CONC SLAB (typ.)
LIGHTPOLE (typ.)
CODI-1

REVISIONS	
DATE	DESCRIPTION

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MIAMI, FLORIDA 33166
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000286
www.ROSENBERGGARDNER.com

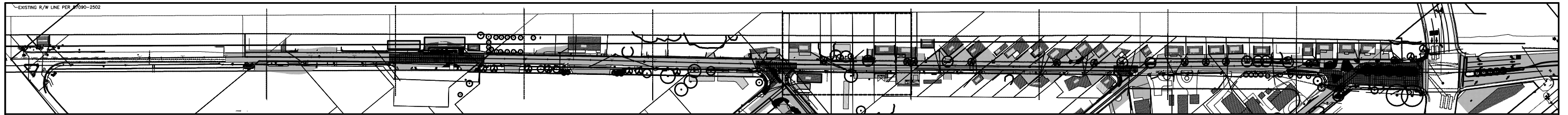
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

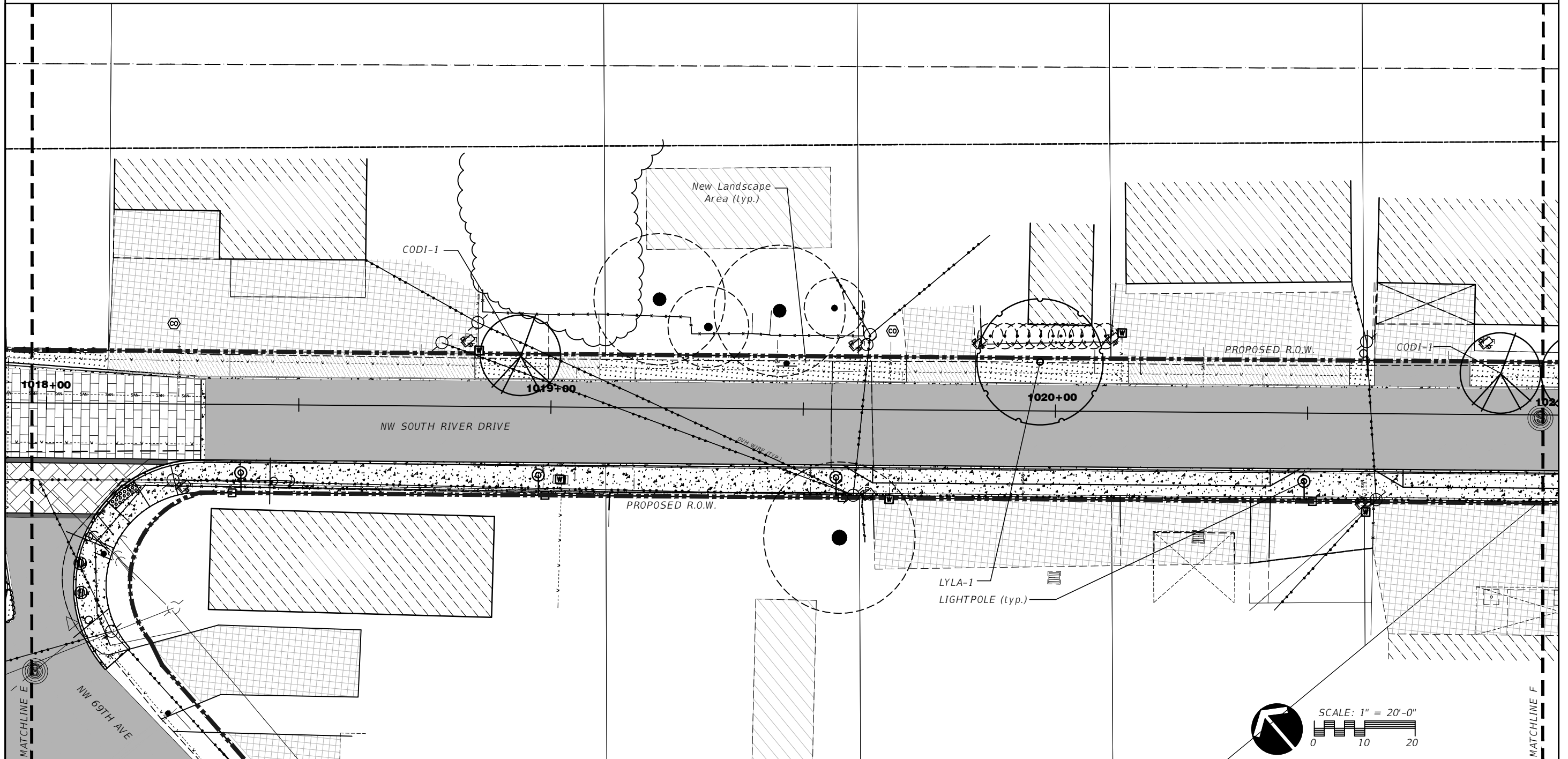
PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
------------------------------------	----------------------

PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.5



KEY MAP
SCALE: N.T.S.



SCALE: 1" = 20'-0"

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
 LANDSCAPE ARCHITECTURE & LAND PLANNING
 17670 NW 78th AVE., Suite 214
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 PHONE: 305-392-1016
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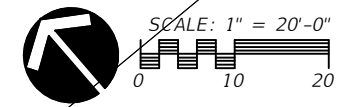
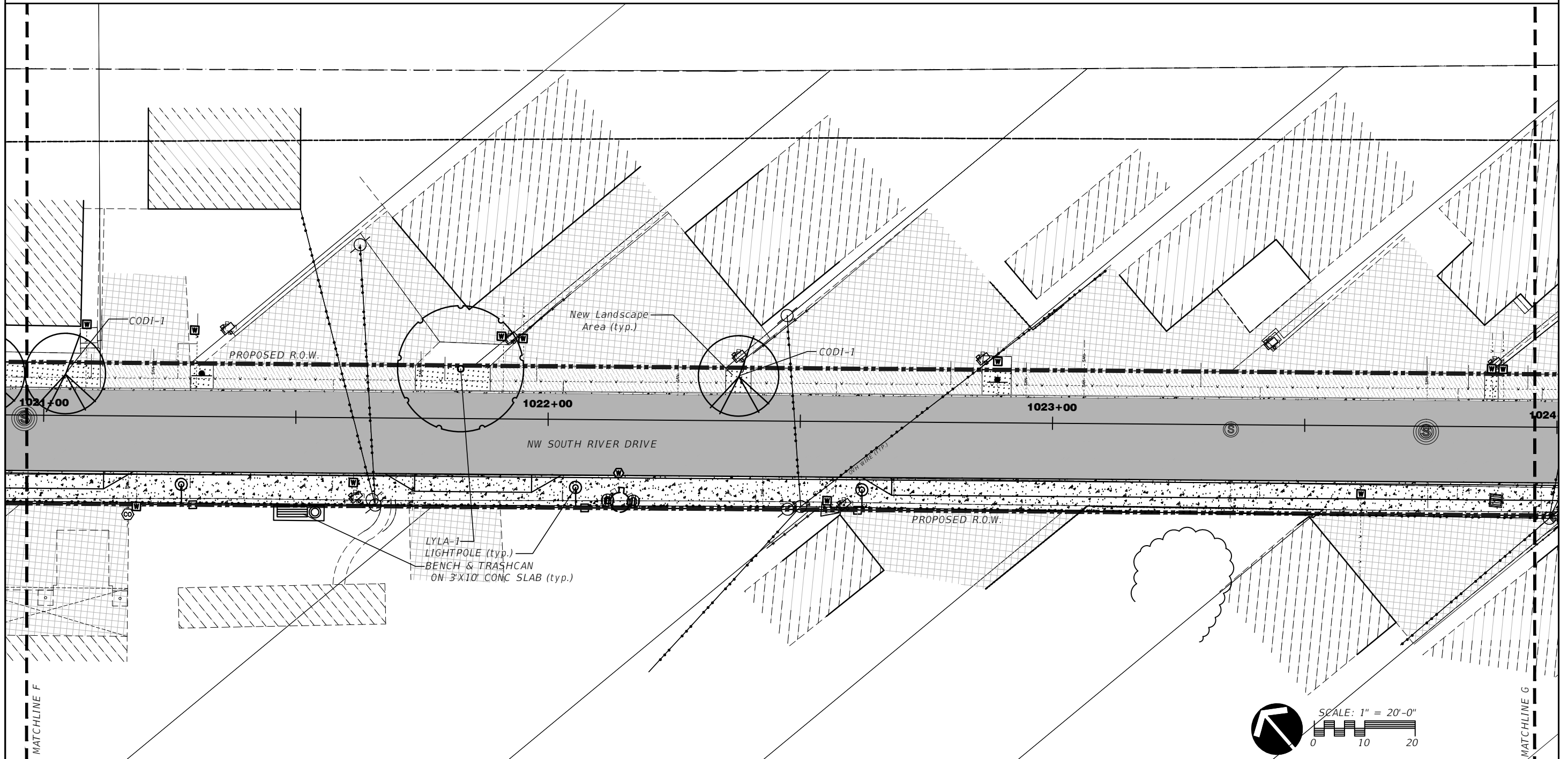
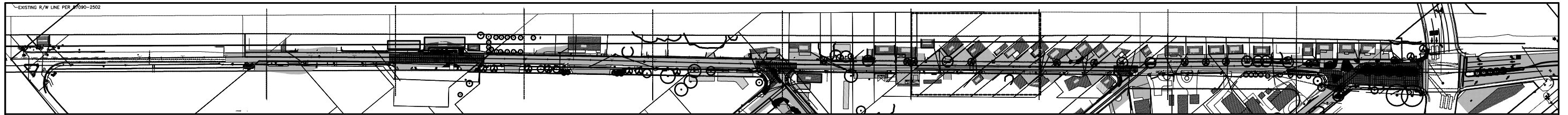
TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

Kiehl 4/14/2015 12:39:24 PM

PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN
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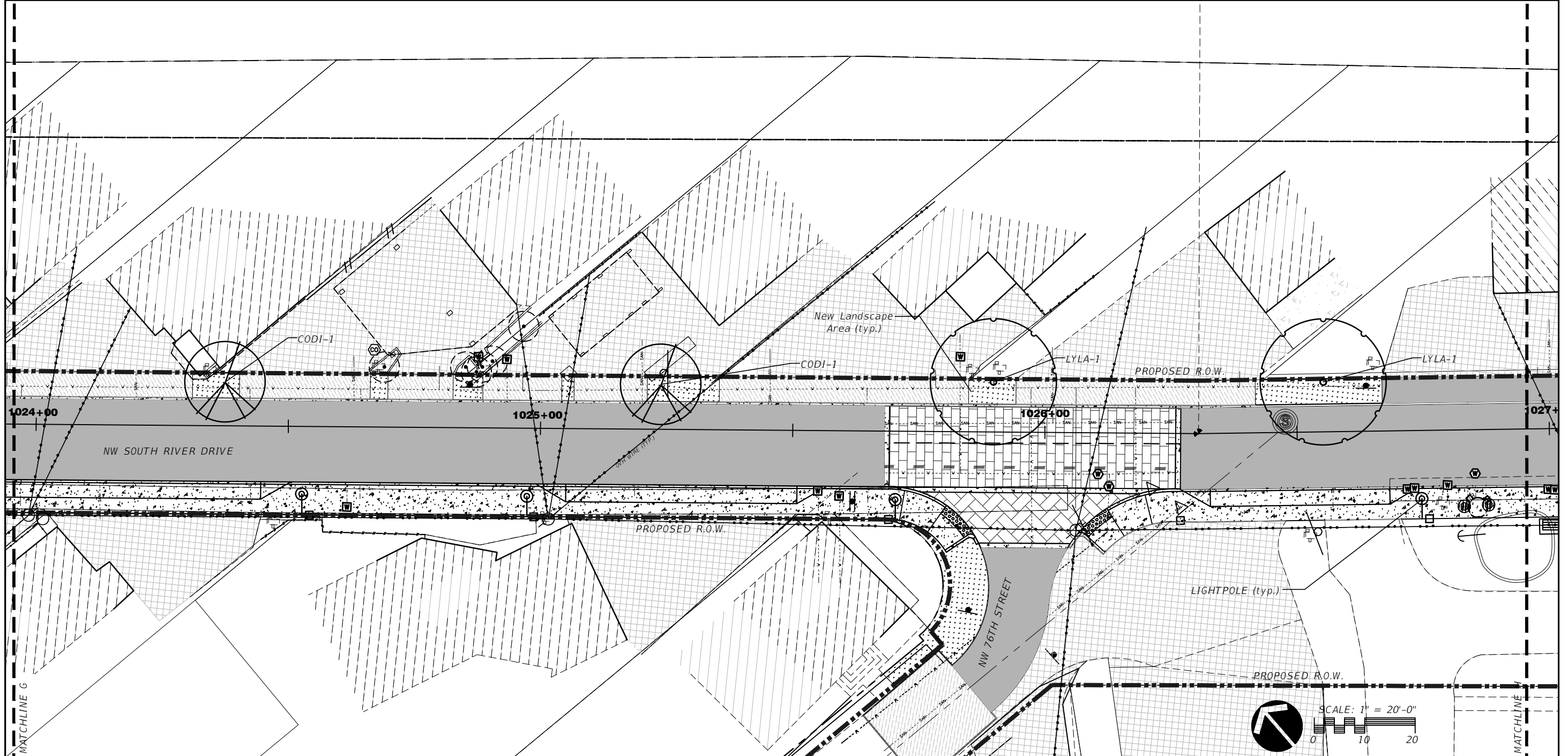
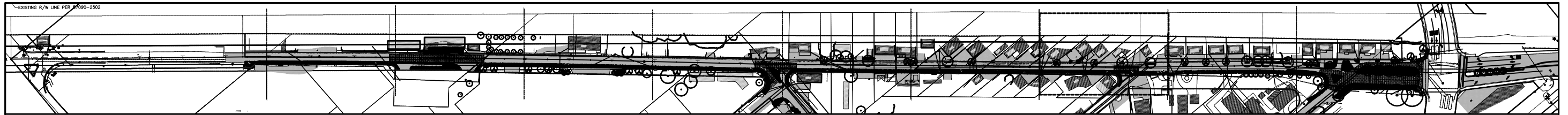
TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

Kiehl 4/14/2015 12:39:53 PM

PROPOSED LANDSCAPE PLAN

SHEET NO.
 LA-2.7



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Ken Gardner - FLLA.# 1569

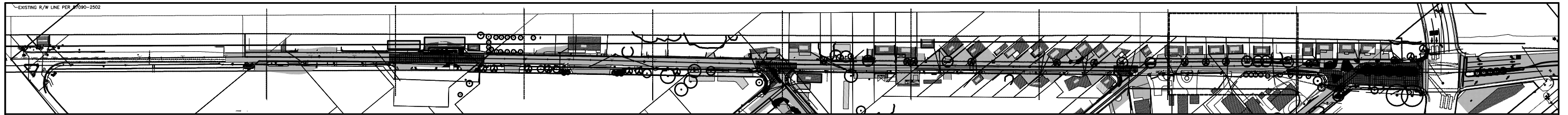
TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING

PROJECT STREET	COUNTY
NW S RIVER DRIVE	MIAMI-DADE

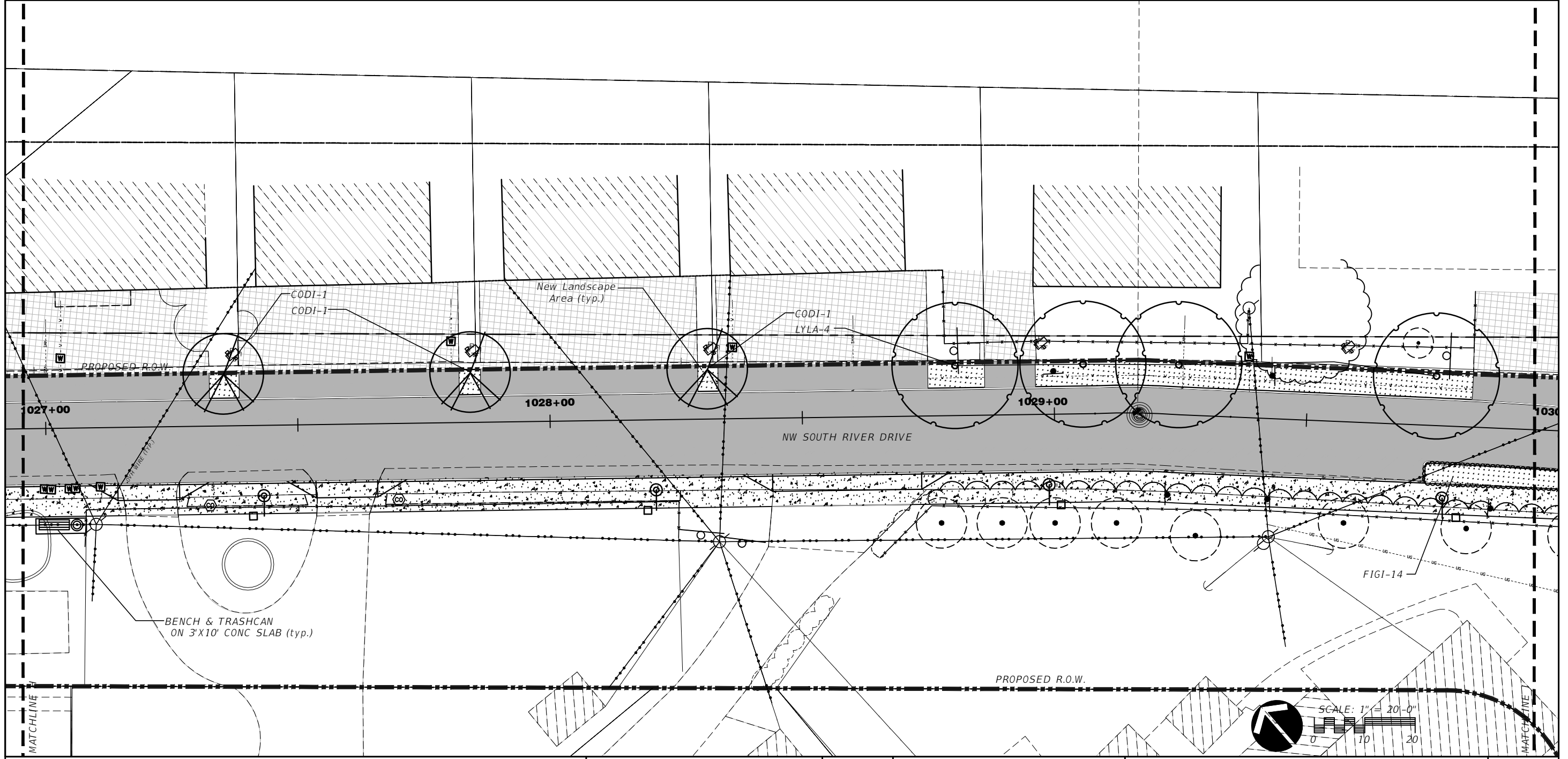
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PROPOSED LANDSCAPE PLAN

SHEET NO.
 LA-2.8



KEY MAP
SCALE: N.T.S.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000266
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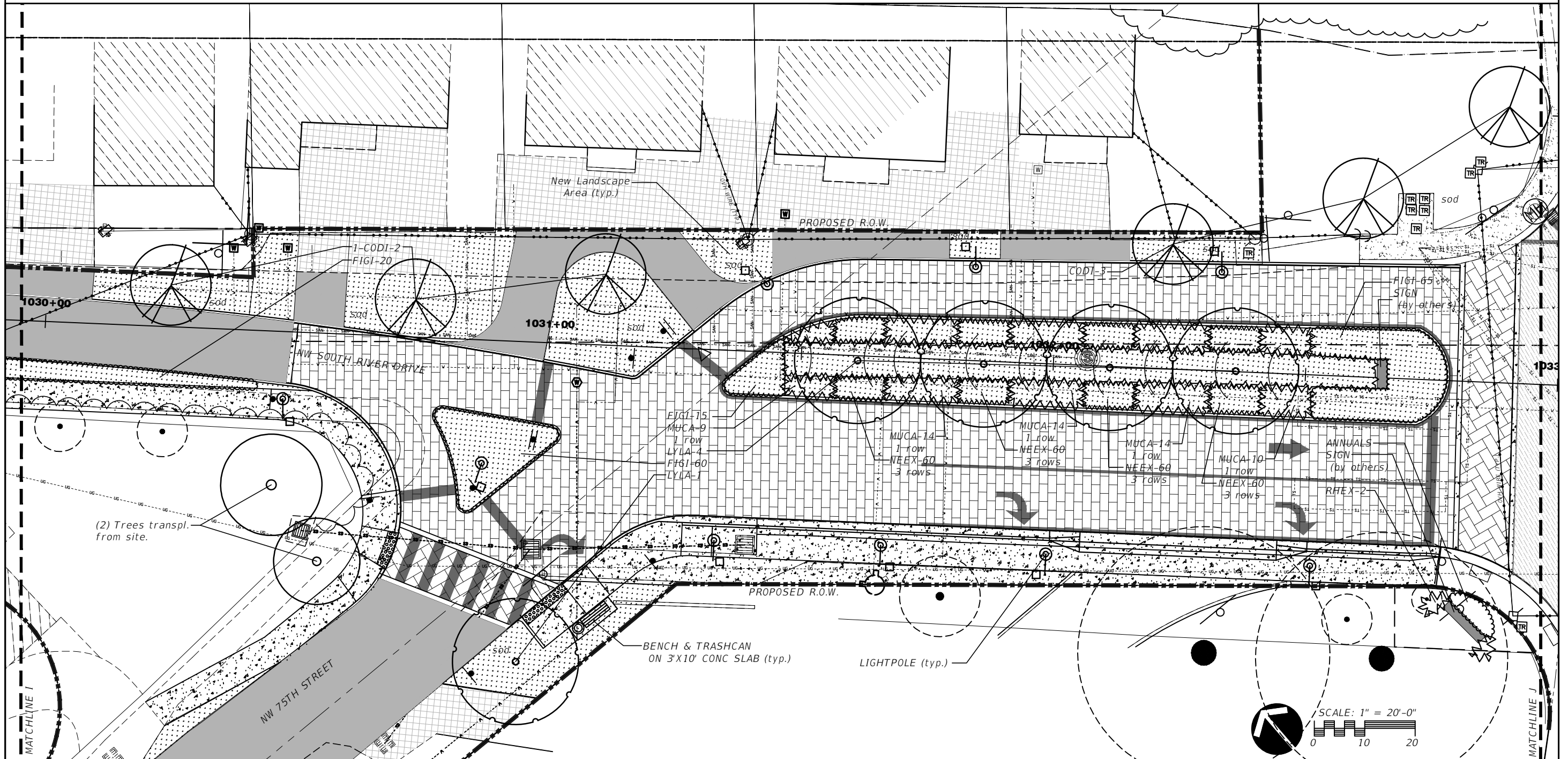
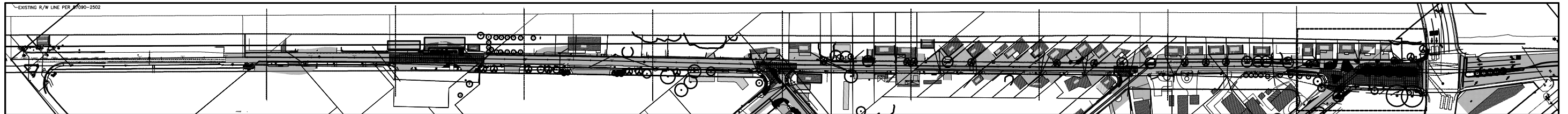
Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.9



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROSENBERG GARDNER DESIGN

LANDSCAPE ARCHITECTURE
LAND PLANNING
17670 NW 78th AVE., Suite 214
MIAMI, FLORIDA 33156
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE #: LC0000286
www.ROSENBERGGARDNER.com

Ken Gardner - FLLA.# 1569

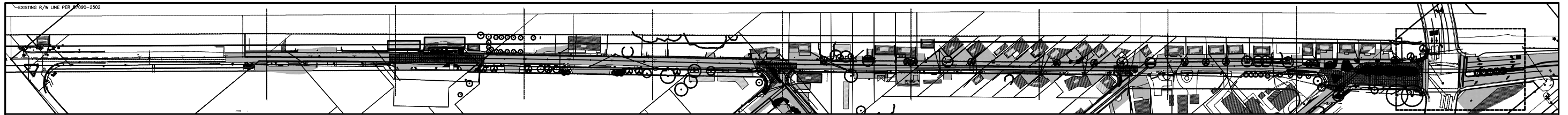
TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
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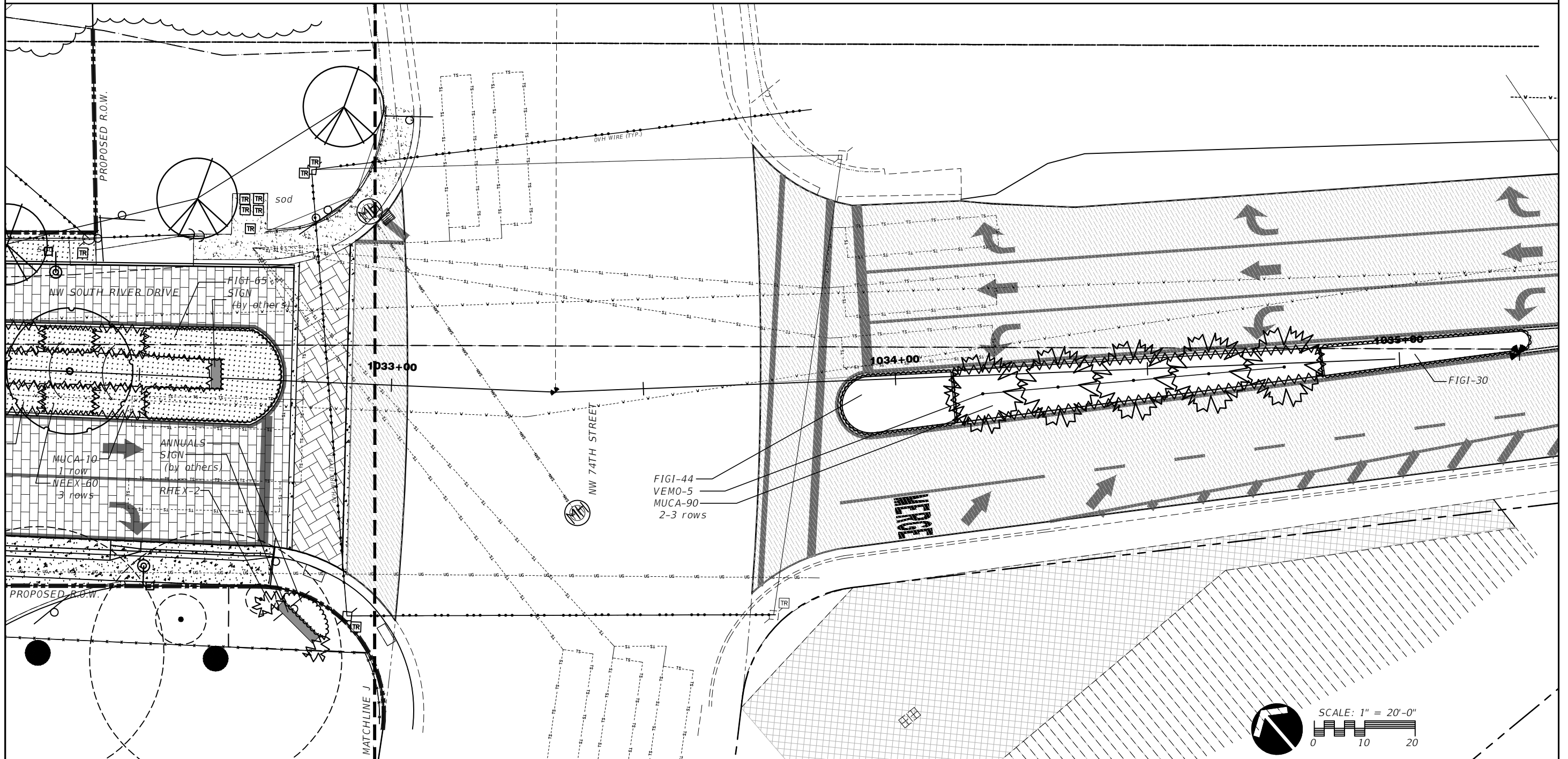
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PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.10



KEY MAP
SCALE: N.T.S.



SCALE: 1" = 20'-0"

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17670 NW 78th AVE., Suite 214
MIAMI, FLORIDA 33156
PHONE: 305-392-1016
FAX: 305-392-1019
CORPORATE # LC0000266
www.ROSENBERGGARDNER.com

Ken Gardner - FLLA.# 1569

TOWN OF MEDLEY
DEPARTMENT OF ENGINEERING

PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE
------------------------------------	----------------------

PROPOSED LANDSCAPE PLAN

SHEET NO.
LA-2.11

PLANT LIST				
KEY	PLANT NAME	QTY.	UT.	SIZE
CODI	Coccoloba diversifolia ...Pigeon Plum	22	ea.	12' tall x 5' spread, 2 1/2" cal.
FIGI	Ficus microcarpa "Green Island" ...Green Island Ficus	298	ea.	18"x18", install 24" o.c.
LYLA	Lysiloma latisiliqua ...Wild Tamarind	13	ea.	14' tall x 6' spread, 3" cal.
MUCA	Muhlenbergia capillaris ...Muhly Grass	219	ea.	3 gallon cans, full, install 24" o.c.
NEEX	Nephrolepis exaltata ...Boston Fern	240	ea.	1 gallon cans, full, install 12" o.c.
POMA	Podocarpus macrophyllus ...Podocarpus	35	ea.	18"x18", install 24" o.c.
RHEX	Rhapis excelsa ...Lady Palm	2	ea.	48" tall OA, 4-5 stems
SAPA	Sabal palmetto ...Sabal Palm	16	ea.	18' tall OA, smooth trunk, hurricane cut
VEMO	Veitchia montgomeryana ...Montgomery Palm	5	ea.	18' tall OA, matching heights
	Annuals	as req.	ea.	6" pots
sod	St. Augustine "Floratum"	as req.	s.f.	solid sod
	Planting Soil	as req.	c.y.	
	80% Silica Sand			
	20% Everglades Muck			
	Shredded Maleluca Mulch	as req.	c.y.	

NOTES:

-(6) TOTAL BENCHES AND (6) TOTAL TRASHCANS TO BE INSTALLED ON 3'X10' CONCRETE SIDEWALK SLAB (SEE LANDSCAPE PLANS FOR LOCATIONS)

-NEW LANDSCAPE AREAS ARE TO BE CREATED BY THE REMOVAL OF EXISTING ASPHALT, CONCRETE, AND/OR COMPACTED FILL MATERIAL. AND MUST BE PREPARED AS PLANT BEDS ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

-ALL NEWLY CREATED LANDSCAPE AREAS AND EXISTING LANDSCAPE AREAS DISTURBED BY CONSTRUCTION SHALL BE LEVELED AND COVERED WITH SOLID SOD ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN UNLESS INDICATED TO BE PLANTED WITH SHRUBS.

-TREES PROPOSED TO BE PLANTED OUTSIDE OF THE PROPOSED R.O.W. MUST ONLY BE PLANTED WITH THE LOT/HOME OWNERS PERMISSION.

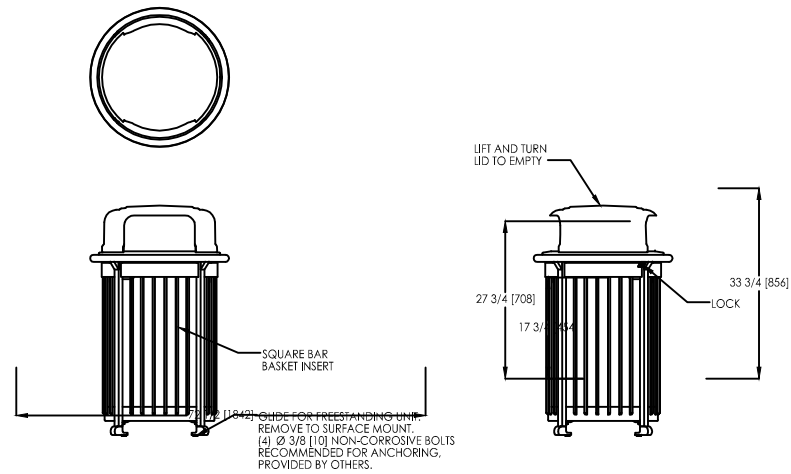


LIGHTPOLE Fixture and pole by BEGA (see electric plans)

N.T.S.

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DATE	DESCRIPTION	DATE	DESCRIPTION				NW S RIVER DRIVE	MIAMI-DADE			LA-2.12

Scarborough™ Bench, 72" Backed, with Horizontal Strap Seat and Center Arm
 Product Drawing www.landscapeforms.com Date: 5/19/2010 Ph: 800.521.2546



landscapeforms Drawing: SC175-04
 Dimensions are in inches [mm]

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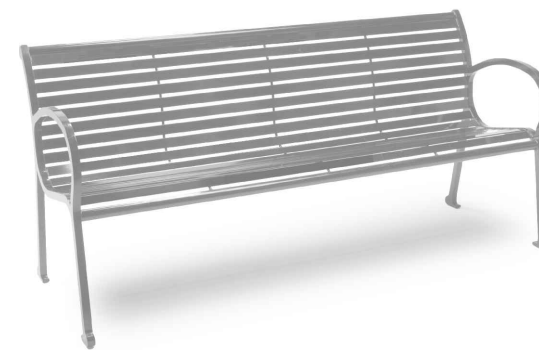
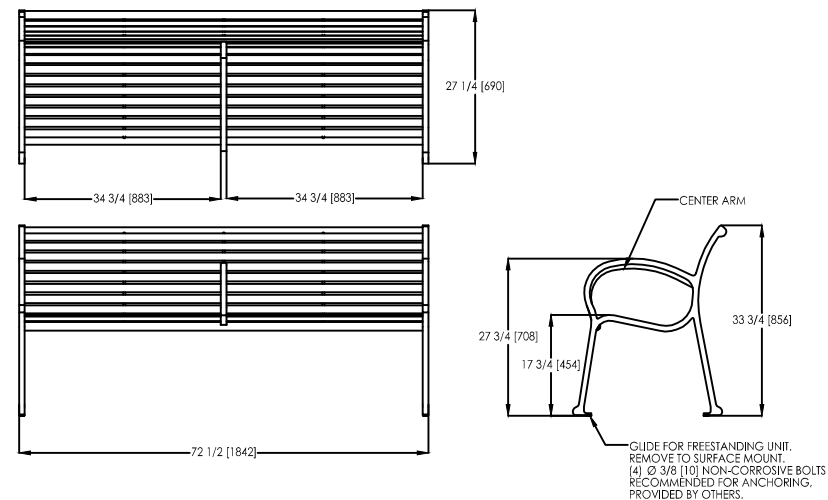
TRASHCAN "Scarborough" style Trashcan by Lanscapeforms in Black metallic finish

N.T.S.



"Scarborough" style Bench shown with Trashcan by Lanscapeforms in Black metallic finish

Scarborough™ Bench, 72" Backed, with Horizontal Strap Seat and Center Arm
 Product Drawing www.landscapeforms.com Date: 5/19/2010 Ph: 800.521.2546



landscapeforms Drawing: SC175-04
 Dimensions are in inches [mm]

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BENCH "Scarborough" style bench by Lanscapeforms in Black metallic finish

N.T.S.

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DATE	DESCRIPTION	DATE	DESCRIPTION						

LANDSCAPE SPECIFICATIONS

PART 1 – GENERAL

1.1 SCOPE

A. Contractor shall provide all labor, materials, equipment, supervision, and related work necessary to complete the landscape work in accordance with the intent of the landscape plans, schedules and these specifications. The extent of work is shown on the drawings which are a part of this document.

1.2 CONTRACTOR QUALIFICATIONS

A. Landscape installation work to be performed by a Contractor Certified by the Florida Nurserymen, Growers and Landscape Association (FNGLA) as a Certified Landscape Contractor. Any pruning to be supervised by an Arborist, certified by the International Society of Arboriculture (ISA) and licensed in Miami-Dade County.

1.3 INVESTIGATION OF UTILITIES

A. Prior to beginning work, the Contractor shall be responsible to locate existing underground utilities. Check with all utility companies and Sunshine State, call (811).

1.4 SUBSTITUTIONS

A. Only materials specified will be accepted, unless approved in writing by the Landscape Architect in advance.

1.5 PLANT SIZES

A. All plant sizes shall equal or exceed the minimum sizes as specified in the plant list. When plant sizes are specified as a range of size, installed materials shall average the mean of the range specified. Plants shall be measured following pruning, with branches in normal position. All necessary pruning shall be done at the time of planting.

1.6 PLANT QUALITY

A. All plant material shall be equal to or better than Florida No. 1 as classified by "Grades and Standards for Nursery Plants" by the Division of Plant Industry, Florida Department of Agriculture. They shall have a growth habit that is normal for the species; healthy, vigorous, free from insects, disease and injury.

B. The Owner or Landscape Architect reserves the right to refuse any plant material which does not conform to the intent of the written specifications or design.

C. CIRCLING ROOTS FOUND ON CONTAINER-GROWN MATERIAL WILL NOT BE ACCEPTED UNLESS REMEDIAL ROOT PRUNING, APPROVED BY THE LANDSCAPE ARCHITECT IS DONE BEFORE PLANTING.

1.7 PLANT QUANTITY

A. The plant quantities shown on the plant list are to be used only as an aid to bidders. In the case of discrepancy between the plant list and the plan, the quantity on the plan shall override the plant list.

1.8 UNIT PRICES

A. The successful bidder shall furnish to the Owner and the Landscape Architect, a unit price breakdown for all materials. The Owner may, at his discretion, add to or delete from the materials utilizing the unit price breakdown submitted to and accepted by the Owner.

1.9 SUBMITTALS

A. Fertilizer: The Contractor shall submit to the Owner and Landscape Architect documentation that all the fertilizer used for the project is of the analysis specified and placed at the rates specified in section 2.2 FERTILIZER.

B. Planting soil: The Contractor shall submit a sample of the planting soil (approximately 1 cu. Ft.) for approval by the Landscape Architect prior to delivery to the site.

1.10 CLEAN-UP & MAINTENANCE OF TRAFFIC

A. Follow procedures in FDOT Index 600 for maintenance of traffic during construction.

B. At the end of each work day, the Contractor shall remove debris and shall barricade the un-filled holes in a manner appropriate in the path of pedestrians and motorists.

C. Upon completion of the work or any major portion of the work or as directed by the Landscape Architect, all debris and surplus material from his work shall be removed from the job site.

1.11 MAINTENANCE PRIOR TO ACCEPTANCE

A. The Contractor is responsible to maintain the plantings until they are accepted under the provisions of 1.12 "ACCEPTANCE OF INSTALLATION".

1. Plants: Begin maintenance immediately following the final plant installation operation for each plant and continue until all plant installation is complete and accepted. Maintenance shall include watering all plants, weeding, mulching, pest and disease control, tightening and repairing of guys, repair of braces, removal of dead growth, resetting of plants to proper grade or up-right position, restoration of plant saucer, litter pick-up in plant beds and other necessary operations to assure specified minimum grade of Florida No. 1.

2. Turf Areas: Begin maintenance of turf immediately following the placement of sod and continue until sod installation is complete and accepted. Maintenance shall include but not be limited to, watering, leveling, mowing, weed and pest control, fungus and disease control and other necessary operations as determined by the Landscape Architect and good nursery practice.

3. Re-setting or straightening trees and palms: The Contractor shall re-set and/or straighten trees and palms as required at no additional cost to the Owner unless caused by sustained winds of 75 mph or more. Then, the costs of the operations may be charged to the owner. Re-set trees within 48 hours.

1.12 ACCEPTANCE OF INSTALLATION

A. Inspection: Inspection of the work, to determine completion of contract work, exclusive of the possible replacement of plants and turf, will be made by the Landscape Architect at the conclusion of the maintenance period. Written notice requesting such an inspection and submitted by the Contractor at least ten (10) days prior to the anticipated date.

1.13 GUARANTEE

A. Guarantee all plants for a period of one year (CCD). Guarantee shall commence from the date of written acceptance. Plant material which is on the site and scheduled to be relocated is not covered by the guarantee except in the case of Contractor's negligence or work that has been done in an unworkman-like manner. The Contractor is not responsible for loss due to acts of god, (i.e.) sustained winds of 75 mph or more, floods, frost, lightning, vandalism or theft.

1.14 REPLACEMENT

A. Replacement shall be made during the guarantee period as directed by the Landscape Architect within ten (10) days from time of notification. For all replacement plant material, the guarantee period shall extend for an additional forty-five (45) days beyond the original guarantee period. The Contractor shall be responsible to provide water to the replacement plants in sufficient quantity to aid in their establishment. At the end of the guarantee period, inspection will be made by the Landscape Architect, upon written notice requesting such inspection and submitted by the Contractor at least five (5) days before the anticipated date. Replacement plants must meet the requirements of Florida No. 1 at time of inspection. Remove from the site all plants that are dead or in a state of unsatisfactory growth, as determined by the Landscape Architect. Replace these and any plants missing due to the Contractor's negligence as soon as conditions permit.

1. Materials and Operations: All replacement plants shall be of the same kind and size as indicated on the plant list. The Contractor shall supply and plant the plants as specified under planting operations.

2. Cost of Replacements: A sum sufficient to cover the estimated cost of possible replacements, including material and labor will be retained by the Owner and paid to the Contractor after all replacements have been satisfactorily made and approved by the Landscape Architect.

PART 2 – MATERIALS

2.1 PLANTING SOIL

A. Planting soil for trees, shrubs and ground covers shall be of the composition noted on the plans, measured by volume.

B. Soil for Sodded Areas: shall be coarse lawn sand.

2.2 FERTILIZER

A. Fertilizer for trees, palms, shrubs, and groundcovers shall be as follows: LESCO Palm Special 13-3-13 or equal, Sulfur coated with iron and other minor elements and maximum of 2% chlorine, or brand with equal analysis. The fertilizer shall be uniform in composition, dry and free flowing and shall be delivered to the site in the original unopened containers, bearing the manufacturer's guaranteed analysis. Fertilizer for sod and seeded areas shall be 8-6-8, 50% organically derived nitrogen, or equal.

2.3 WATER

A. The Contractor shall provide potable water on site, available from the start of planting. The Contractor is responsible to ascertain the location and accessibility of the water source. The Contractor is responsible to provide the means of distribution (i.e. water truck, hoses, etc.) for distribution of water to the planting areas.

2.4 MULCH

A. Mulch shall be shredded Melaleuca mulch (Florimulch) as manufactured by Forestry Resources, Inc., or equal.

2.5 ROOT BARRIER MATERIAL

A. When specified in the plans, root barrier material shall be Biobarrier (19.5 inch width) Reemay or approved equal.

B. Install per details in the plans.

PART 3 – INSTALLATION PROCEDURES

3.1 LAYOUT

A. Verify location of all underground utilities and obstructions prior to excavation.

3.2 HERBICIDE TREATMENT

A. In all areas infested with weed and/or grass growth, a systemic herbicide, such as Roundup, shall be applied per manufacturer's rates. When it has been established where work will be done, the systemic herbicide shall be applied in accordance with manufacturer's labeling to kill all noxious growth. Contractor shall schedule his work to allow more than one application to obtain at least 95% kill of undesirable growth. If necessary, Contractor shall conduct a test to establish suitability of product and applicator to be used on this project, prior to execution of the full application.

3.3 PLANT PIT EXCAVATION AND BACKFILLING

A. Trees: See the Planting and Bracing Details and notes.

B. All planting holes shall be hand dug where machine dug holes may adversely affect utilities or improvements.

C. Shrubs and Groundcover: Shrubs and groundcover shall be planted in a soil bed as described in the notes and details. Space shrubs and provide setback from curb and pavements as shown in the plans.

D. Watering of field-grown plants: Thoroughly puddle in water to remove any air pockets in the plant hole.

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DATE	DESCRIPTION	DATE	DESCRIPTION				PROJECT STREET NW S RIVER DRIVE	COUNTY MIAMI-DADE		

3.4 WATERING

A. The Contractor is responsible to provide the water for all new plants and transplants and means of distribution (i.e. hand watering or water truck) during the maintenance period and extending into the period after acceptance until the full schedule as listed below is complete. Water for trees and other large field grown plants shall be supplemented by hand or water truck, in addition to the irrigation system, (if one is provided). Contractor can adjust watering schedule during heavy rain season upon approval of the Landscape Architect.

AMOUNT OF WATER PER APPLICATION
 For trees up to 5 inch caliper - 5 gallons
 From 5 to 8 inch caliper - 25 gallons
 9 inch and up caliper - 50 gallons

FREQUENCY OF WATER
 Daily for the first week
 3 times per week for weeks 2 - 5
 2 times per week for weeks 6 - 8
 1 time per week for weeks 9 - 12

B. Water in plants by thoroughly soaking of the entire root ball immediately after planting. For large trees and shrubs, add water while backfilling hole to eliminate any air pockets in the soil around the root ball.

C. Water shrubs, sod and groundcover a minimum of once daily for a week or until an irrigation system is fully operational. If no irrigation system is to be installed, the Contractor shall be responsible for watering the shrub, sod, and groundcover for the time specified above, after installation of each section of the planting installed.

3.5 FERTILIZING

A. Add fertilizer on top of the surface of shrubs beds and tree and palms root balls two (2) months after installation. Fertilize sod within two (2) days after installing after planting of each segment of the job. Fertilizer shall be applied after soil has been well moistened. Fertilizer shall be washed off of plant leaves and stems immediately after application. Apply at the following rates:

1. Trees and Large Shrubs: One (1) pound per inch of trunk diameter, spread evenly over the root ball area.
2. Shrubs: One half (1/2) handful per shrub, spread evenly over the root ball area.
3. Groundcover: Twelve (12) pounds per 100 sq. ft. of bed area.
4. Sod: Twelve (12) pounds per 1,000 sq. ft. Wash fertilizer off blades immediately after spreading.

3.6 MULCHING

A. Spread mulch two (2) inches thick uniformly over the entire surface of shrubs and groundcover beds, depth measured after settling, unless otherwise specified in the plans. Provide 36" diameter bed of mulch, measured from outer edge of the trunk, for all trees and palms planted in sod areas. Keep mulch away from contact with the trunk. Create a 6" high ring of mulch at the outer edge of tree and palm holes.

3.7 GUYING AND BRACING

A. See the details bound herewith or made part of the plans.

3.8 SODDING

A. Provide a blanket of lawn sand as described in the notes in these plans. Prior to planting, remove stones, sticks, etc. from the sub-soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

B. Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes. The sod shall be rolled with a 500 pound hand roller immediately after placing.

C. Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" from trees, measured from the edge of plant or tree trunk.

D. Sod shall be watered immediately after installation to uniformly wet the soil to at least two inches below the bottom of sod strips.

E. Apply fertilizer to the sod as specified in Section 3.5.

F. Excavate and remove excess soil so top of sod is flush w/top of curb or adjacent pavement, or adjacent existing sod.

PLANT BED PREPARATION NOTES

1. In all areas where new sod and shrub and groundcover masses are to be planted, kill all existing weeds by treating with Round-up prior to beginning soil preparation.

2. In all shrub and groundcover beds, prepare soil as described for either condition, over the entire area to be planted:

Condition A:
 If any compacted road base or asphalt or rocky soil is encountered, remove compacted material entirely to allow an 18" depth of planting soil. Backfill the entire area of the shrub and groundcover beds with 18" planting soil (as specified in Plans) to within 2 inches of the adjacent pavement or top of curb.

Condition B:
 Where no compacted soil is encountered, thoroughly mix 6 inches of planting soil into the existing soil to a depth of 18 inches. If required, excavate and remove the existing soil to lower the grade, so that the prepared mix is finished to a minimum of 2 inches below top of curb or adjacent walkway.

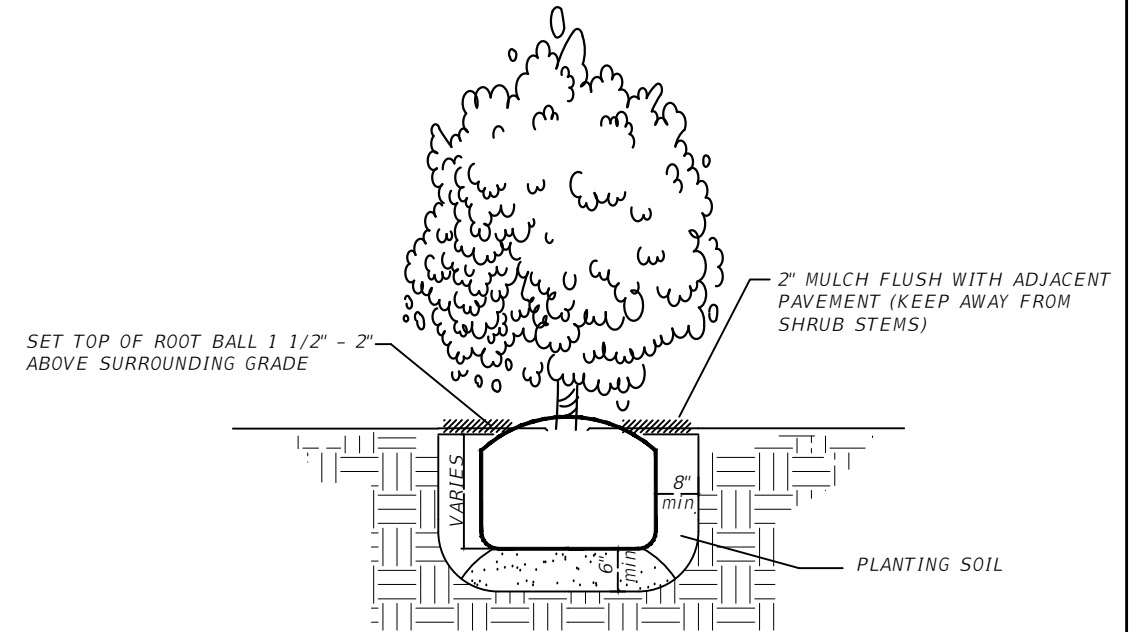
For all sod areas, spread a 2" deep layer of lawn sand prior to sodding. Remove all debris and rocks and pebbles larger than 1 inch in size and level the grade before sodding. Remove, if required, existing soil so that top of sod is flush with and adjacent top of curb or pavement.

SPACING OF PLANTS (SEE PLANT SPACING DETAIL)

1. Plants shall be planted sufficiently away from edges of pavements or curbs, to allow for growth toward the edges of the bed.

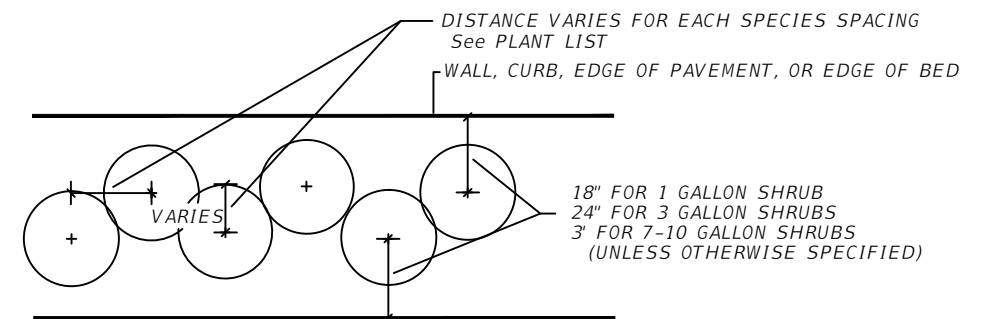
PROTECTION OF PLANTS

1. The Contractor shall be responsible to protect existing trees and shrubs in and adjacent to the area of work. Erect barriers as necessary to keep equipment and materials, any toxic material, away from the canopy drip line of trees and shrubs. **DO NOT PILE SOIL OR DEBRIS AGAINST TREE TRUNKS OR DEPOSIT NOXIOUS BUILDING SUPPLIES OR CHEMICALS WITHIN THE DRIP LINE.**



SHRUB INSTALLATION DETAIL

N.T.S.



SHRUB SPACING DIAGRAM

N.T.S.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

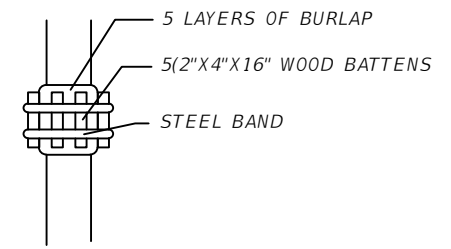
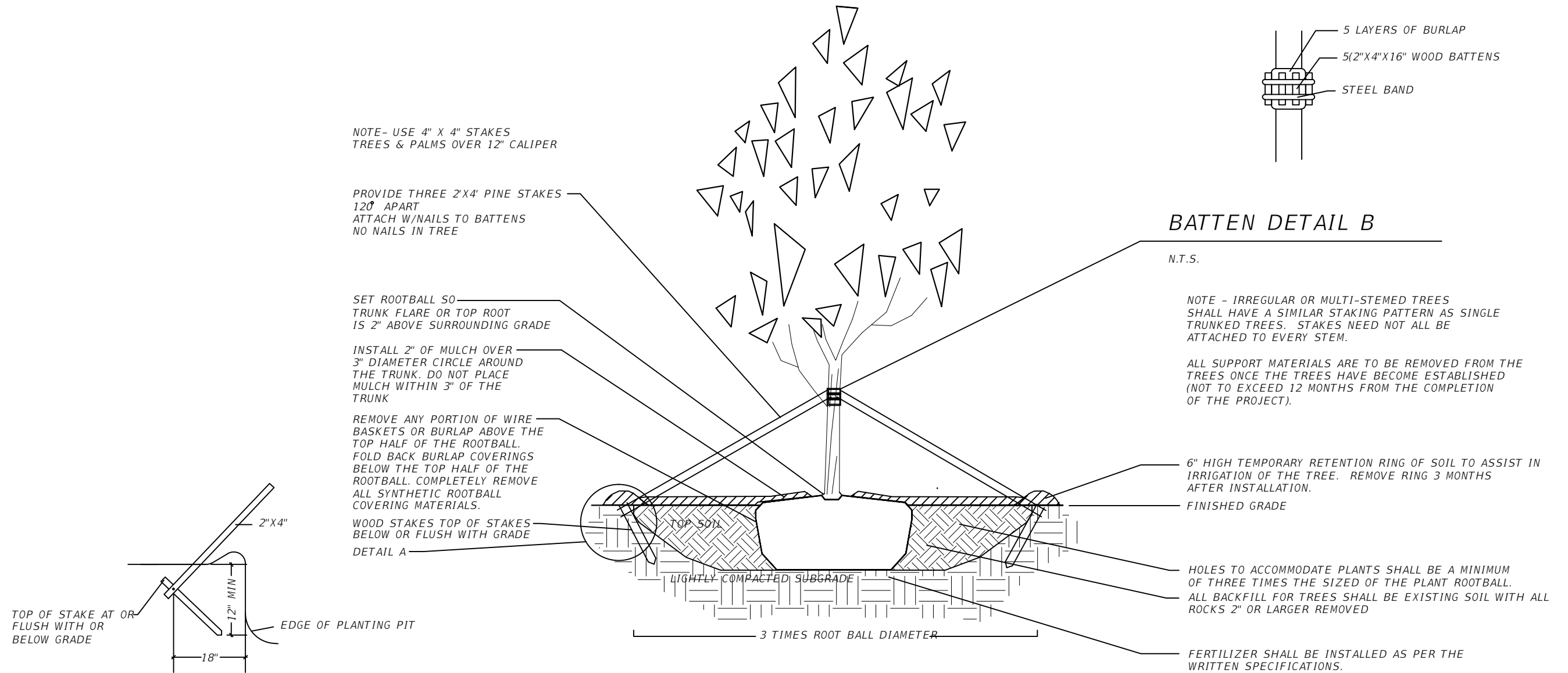
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 LANDSCAPE ARCHITECTURE
 ISLAND PLANNING
 17670 NW 78th AVE., Suite 214
 MIAMI, FLORIDA 33156
 PHONE: 305-392-1016
 FAX: 305-392-1019
 CORPORATE #: LC0000266
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TOWN OF MEDLEY
 DEPARTMENT OF ENGINEERING
 PROJECT STREET: NW S RIVER DRIVE
 COUNTY: MIAMI-DADE

LANDSCAPE NOTES
 SPECIFICATIONS AND DETAILS

SHEET NO.
 LA-2.15

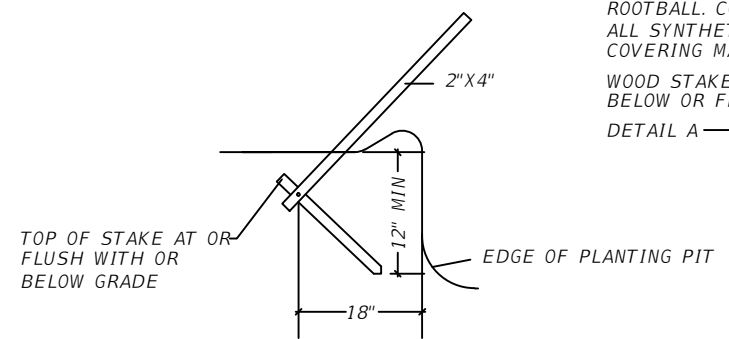


BATTEN DETAIL B

N.T.S.

NOTE - IRREGULAR OR MULTI-STEMED TREES SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT ALL BE ATTACHED TO EVERY STEM.

ALL SUPPORT MATERIALS ARE TO BE REMOVED FROM THE TREES ONCE THE TREES HAVE BECOME ESTABLISHED (NOT TO EXCEED 12 MONTHS FROM THE COMPLETION OF THE PROJECT).



DETAIL A

N.T.S.

PLANTING & BRACING DETAIL

N.T.S.

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DATE	DESCRIPTION	DATE	DESCRIPTION			NW S RIVER DRIVE	MIAMI-DADE		
				Ken Gardner - FLLA.# 1569	TOWN OF MEDLEY DEPARTMENT OF ENGINEERING	PROJECT STREET		PLANT LIST AND DETAILS	SHEET NO. LA-2.16
						NW S RIVER DRIVE	MIAMI-DADE		