



Town of Medley

Office of Capital Projects & Development Services

7777 NW 72 Avenue, Medley, Florida 33166

Date:	February 5, 2019
Subject:	Bid for Construction of NW South River Drive between SR 826 and NW 72nd Avenue Roadway and Drainage
Solicitation Number:	ITB 2019-011
OCPDS Number:	PW-0112
Opening Date / Time:	February 14th, 2019 at 3:00 PM February 21st, 2019 at 3:00 PM
ADDENDUM Number:	3

To all interested proposers:

The Town of Medley defines a solicitation “Addendum” as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g. Invitation for Bids, Request for Proposals or Request for Qualifications), including but not limited to questions and answers, which are considered a material part of the solicitation.

Bidder Questions (answers in *italics*):

- 1. Addendum No. 2 updates the bid items starting from Bid Item No. 34 DRAINAGE MANHOLE, ADJUST. Does that item replaces the original Bid Item No. 34 MANHOLES, J-8, > 10’? Are you eliminating those structures?**
No structures were eliminated in addendum No. 2. Bid item numbers were updated and renumbered to include addition of three new items. Moreover, Addendum No. 3 includes a renumbering of all items.
- 2. On the Roadway & Profile plans we don’t see any notes indicating size or LF of pipe to be installed per run. We found some information in the Summary of Structures but not enough for us to calculate the trench restoration. Reference: Sheet R-1302; STA; 8+88.71.**
Length of pipe and exfiltration trench for runs along the road were provided in the original submittal. Refer to sheet R-1302. Additional information for length of laterals has been added as part of Revision 2-Addendum No. 3.
- 3. We are missing information in regards of the removal or connection to existing drainage in various locations throughout the project. Reference: Sheet R-1302; STA; 8+88.71.**
Connections to existing structures were specified in the original submittal. Sheet R-1302; STA. 8+88.71 does not show any connection to existing structures. Where proposed storm drainage overlaps with existing storm drainage pipes/structures, existing shall be removed.
- 4. There are some existing structures that require a Top Replacement as per plans. Where do we allocate that cost in our bid proposal? Reference: Sheet R-1402; CB-1577.**
Allocate cost of core drilling, seal pipe opening, connection to existing structure and/or top replacement etc. in item number 51 (now D-37 in addendum 3) MODIFY EXISTING DRAINAGE STRUCTURE.



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5. **Plans show two (2) Fire Hydrants to be relocated, but the bid proposal has a line item for removal only. Reference: Item No. 54 FIRE HYDRANT, REMOVE = 4 EA.**
Relocation refers to the removal of existing and installation of a new Fire Hydrant (FH). Sheet R-1303 (STA:11+62.09) has been updated to show relocation. On bid table, Item 54 (now U-3) FIRE HYDRANT, REMOVE; has been updated to quantity of 3. Bid table items 55 & 56 (now U-4 & U-5) refer to the installation of 3 relocated FH and 1 new proposed hydrant for a total of 4.
6. **Items No. 55 & 56 indicate the installation of 4 F.H in total, but only two (2) are shown on the plans.**
Refer to previous answer.
7. **Bid item No. 80 is for “Elec Dis Sing-F&I- GM – Solar, Speed Flas. Assembly”. Could you provide manufacturer, Model and Specs for these signs.**
Refer to the Miami-Dade County Public Works Department Traffic Signals and Signs Qualified Products List and to the guidelines for Electronic Speed Feedback Signs for this information. Programing specifications will be forthcoming, pending coordination with Town of Medley’s Police Department.

Revisions to the Project Manual

- (Invitation to bid) **as follows:**
Pages “1 & 3”: Updated Invitation to Bid attached below.
 - Bid closing date and date bids will be opened has been revised to February 21st, 2019
- (Part 1 – General Bid Information) **as follows:**
Page “Part 1-24”: Updated Schedule of Events attached below.
 - Final day for bidder questions has been revised to February 14th, 2019
 - Opening of bids has been revised to February 21st, 2019
 - Selection committee recommendation of award has been revised to February 28th, 2019
 - Award of project by the Town Council has been revised to March 11th, 2019
 - Notice of award given to contractor has been revised to March 12th, 2019
 - Contract documents execution has been revised to April 2nd, 2019
 - Notice to proceed issued to contractor has been revised to April 3rd, 2019
 - Substantial completion date has been revised to August 23rd, 2019
 - Final completion date has been revised to September 23rd, 2019
- (Part 2 – Bid Documents, Forms & Contract) **as follows:**
Page “Part 2-8 through 2-14”: Updated bid table attached below.
 - All items have been renumbered
 - Items D-1, D-6, D-7, D-9, D-11, D-12, D-13, and D-16 are new items on bid table



Town of Medley

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- Item D-4 (previously 25) has been revised
- Item D-8 (previously 27) has been revised
- Item D-14 (previously 29) has been revised
- Item D-22 (previously 36) has been revised
- Item D-23 (previously 37) has been revised
- Item D-24 (previously 38) has been revised
- Item D-37 (previously 51) has been revised
- Item U-3 (previously 54) has been revised



TOWN OF MEDLEY, FLORIDA
7777 N.W. 72nd Avenue, Medley, Florida 33166
Tel: 305-887-9541, Fax: 305-882-1491
www.townofmedley.com

BIDDER ACKNOWLEDGMENT OF INVITATION TO BID AND GENERAL CONDITIONS

SUBMIT BID TO: TOWN CLERK
TOWN OF MEDLEY, FLORIDA
7777 N.W. 72nd AVENUE
MEDLEY, FLORIDA 33166

THE FOLLOWING INSTRUCTIONS TO BIDDERS ARE STANDARD FOR ALL BIDS FOR COMMODITIES AND SERVICES ISSUED BY THE TOWN OF MEDLEY. THE TOWN MAY DELETE, SUPERSEDE OR MODIFY ANY STANDARD INSTRUCTIONS FOR A PARTICULAR CONTRACT BY INDICATING SUCH CHANGE IN SPECIAL INSTRUCTIONS TO BIDDERS OR IN THE BID SHEETS. ANY AND ALL SPECIAL CONDITIONS THAT MAY VARY FROM THE GENERAL CONDITIONS SHALL HAVE PRECEDENCE. BIDDER AGREES THAT THE PROVISIONS INCLUDED WITHIN THIS INVITATION FOR BID SHALL PREVAIL OVER ANY CONFLICTING PROVISION WITHIN ANY STANDARD FORM CONTRACT OF THE BIDDER REGARDLESS OF ANY LANGUAGE IN BIDDER'S CONTRACT TO THE CONTRARY.

BIDDER ACKNOWLEDGMENT MUST BE SIGNED AND RETURNED WITH YOUR BID

SEALED BIDS: This form must be executed and submitted with all Bid sheets in a sealed envelope. The face of the envelope shall contain the above address, the date and time of Bid opening and Bid number. Bids not submitted on attached Bid Form may be rejected. All Bids are subjected to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.

BID TITLE: NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE
ITB (Bid No.): 2019-011

BIDS WILL BE OPENED 3:00 P.M. (EST), ~~February 14th, 2019~~ February 21st, 2019 and may not be withdrawn during the 120 calendar days following such date and time.

CORRECT LEGALNAME OF BIDDER

(SIGNATURE OF BIDDER'S AUTHORIZED AGENT)

TITLE: _____



TOWN OF MEDLEY, FLORIDA
7777 N.W. 72nd Avenue, Medley, Florida 33166
Tel: 305-887-9541, Fax: 305-882-1491
www.townofmedley.com

INVITATION TO BID

ALL INTERESTED PARTIES:

Notice is hereby given that the Town of Medley, Florida, hereinafter referred to as the Town, will receive sealed Bids at the Town Clerk's office at the Medley Municipal Services Facility, 7777 N.W. 72nd Avenue, Medley, Florida 33166, for:

CONSTRUCTION OF:

NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE

Contractor shall furnish all supervision, labor, materials, tools, equipment, obtaining all required permits, and performing all operations required to construct the Town of Medley Capital Improvements Project Number PW-0112 NW South River Drive SR826-72A Roadway and Drainage in accordance with the Contract Documents.

Work includes, but is not limited to, the Roadway and Drainage Construction for the area including approximately 2,400 linear feet ("L.F.") of NW South River Dr from its intersection with NW 84th Street east to its intersection with NW 72nd Ave, and approximately 470 L.F. of NW 74th Ave from its intersection with NW 82nd St to NW South River Dr as depicted in the Construction Plans.

Contractor shall be responsible for complying with the requirements of all regulatory agencies and applicable laws and coordinating with all impacted utility owners.

Sealed Bids must be received, and time stamped by the Town Clerk, either by mail or hand delivery, no later than 3:00 p.m. local time on ~~February 14th, 2019~~ February 21st, 2019. A public opening will take place at or before 3:05 p.m. at the Town Clerk's office at the Medley Municipal Services Facility, 7777 N.W. 72nd Avenue, Medley, Florida 33166 on the same date. Any Bids received after 3:00 p.m. local time on said date will not be accepted under any circumstances and will be returned to the Bidder unopened. The stated time and date is solely and strictly the responsibility of the Bidder. The Town is not responsible for delays caused by mail, courier service, including United States Mail, or any other occurrence. Any uncertainty regarding the time a Bid is received will be resolved against the Bidder.

Bidders may inspect the applicable Bid requirements, drawings, specifications, and other contract documents at the office of the Town Clerk at the Medley Municipal Services Facility, 7777 N.W. 72nd Avenue, Medley, Florida 33166.

Event	Date (on or by)
1. ADVERTISEMENT OF BIDS	December 17, 2018
2. PRE-BID CONFERENCE	January 7, 2019
3. FINAL DAY FOR BIDDER QUESTIONS	February 7th, 2019 <u>February 14th, 2019</u>
4. OPENING OF BIDS	February 14th, 2019 <u>February 21st, 2019</u>
5. SELECTION COMMITTEE RECOMMENDATION OF AWARD	February 21st, 2019 <u>February 28th, 2019</u>
6. AWARD OF PROJECT BY THE TOWN COUNCIL	March 4th, 2019 <u>March 11th, 2019</u>
7. NOTICE OF AWARD GIVEN TO CONTRACTOR	March 5th, 2019 <u>March 12th, 2019</u>
8. CONTRACT DOCUMENTS EXECUTION	March 26th, 2019 <u>April 2nd, 2019</u>
9. NOTICE TO PROCEED ISSUED TO CONTRACTOR	March 27th, 2019 <u>April 3rd, 2019</u>
10. CONTRACT TIME	180 Days
11. SUBSTANTIAL COMPLETION (150 DAYS)	August 23rd, 2019 <u>September 2nd, 2019</u>
12. FINAL COMPLETION (180 DAYS)	September 23rd, 2019 <u>October 2nd, 2019</u>
Event	Date (on or by)

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
1	E&P-1	MILLING EXIST ASPH PAVT, UP TO 3" (DEPTH VARIES)	SY	5743		
2	E&P-2	CLEARING AND GRUBBING	AC	1.2		
3	E&P-3	DISPOSAL OF UNSUITABLE MATERIAL (ESTIMATE QUANTITY)	CY	679		
4	E&P-4	SUBGRADE STABILIZATON (UP TO 12")	SY	4279		
5	E&P-5	REWORKING LIMEROCK BASE, 4" FOR MILLING AND RESURFACING IMPACTED AREAS AND HARMONIZATION OF DRIVEWAYS	SY	3828		
6	E&P-6	10" LIMEROCK BASE	SY	3126		
7	E&P-7	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22, 1.5"	SY	9120		
8	E&P-8	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (STRUCTURAL COURSE AND OVERBUILD)	TN	825		
9	E&P-9	MISCELLANEOUS ASPHALT PAVEMENT FOR DRIVEWAY HARMONIZATION AND RESTORATION	TN	200		
10	E&P-10	CONC. PAVEMENT DRIVEWAY, 6" (HARMONIZATION)	SY	317		
11	E&P-11	STAMPED, PATTERNED, AND COLORED CONC. PAVEMENT DRIVEWAY (HARMONIZATION)	SY	12		
12	E&P-12	PAVER DRIVEWAY (HARMONIZATION)	SY	120		
13	E&P-13	5' x 5' PATTERNED PAVEMENT MOCK-UPS	EA	4		
14	E&P-14	TREATMENT, COLORING, AND STAMPING OF ASPHALT FOR PATTERNED PAVEMENT AREAS	SY	1222		
15	E&P-15	CONCRETE CURB, TYPE D	LF	2249		
16	E&P-16	CONCRETE CURB & GUTTER, TYPE F	LF	1652		

Name of Bidder

Signature of Bidder

Part 2-8

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
47	E&P-17 CONCRETE CURB, TYPE RA	LF	60			
48	E&P-18 DROP CURB	LF	2136			
49	E&P-19 RIBBON CURB	LF	826			
20	E&P-20 CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	350			
24	E&P-21 CONCRETE SIDEWALK, 4"	SY	1403			
22	E&P-22 DETECTABLE WARNINGS	SF	456			
	<u>D-1</u> <u>INLETS, CURB, TYPE P-3, >10'</u>	<u>EA</u>	<u>1</u>			
23	D-2 INLETS, CURB, TYPE J-5, >10'	EA	1			
24	D-3 INLETS, CURB, TYPE P-5, <10'	EA	1			
25	D-4 INLETS, CURB, TYPE P-5, >10'	EA	2 1			
26	D-5 INLETS, CURB, TYPE J-6, >10'	EA	1			
	<u>D-6</u> <u>CURB INLET TYPE J-6 (5'WX10'L) C-I-P CONFLICT STRUCTURE FOR 4" GAS PIPE INCLUDES 6" STEEL CASING PIPE, >10'</u>	<u>EA</u>	<u>1</u>			
	<u>D-7</u> <u>CURB INLET TYPE J-6 (3.5'WX5'L) C-I-P CONFLICT STRUCTURE FOR 6" WM PIPE INCLUDES 10" STEEL CASING PIPE, >10'</u>	<u>EA</u>	<u>1</u>			
27	D-8 INLETS, CURB, TYPE P-6, >10'	EA	4 2			
	D-9 TYPE C DITCH BOTTOM INLET W/ SINGLE SLOT CONCRETE APRON (4' DIA) INCLUDES EXIST. FENCE REPLACEMENT	EA	1			
28	D-10 INLETS, DT BOT, TYPE C, <10'	EA	1			

Name of Bidder

Signature of Bidder

Part 2-9

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
D-11	<u>TYPE 'V' CATCH BASIN GUTTER INLET (3.5'WX5'L) C-I-P CONFLICT STRUCTURE FOR 12" WM INCLUDES 16" STEEL CASING PIPE, < 10'</u>	EA	1			
D-12	<u>TYPE 'V' CATCH BASIN GUTTER INLET (3.5'WX6'L) C-I-P CONFLICT STRUCTURE FOR 16" FM INCLUDES 24" STEEL CASING PIPE, <10'</u>	EA	1			
D-13	<u>TYPE 'V' CATCH BASIN GUTTER INLET (3.5'WX7'L) C-I-P CONFLICT STRUCTURE FOR 16" FM INCLUDES 24" STEEL CASING PIPE, <10'</u>	EA	1			
29 D-14	INLETS, GUTTER, TYPE V, <10'	EA	5 2			
30 D-15	INLETS, GUTTER, TYPE V, >10'	EA	4			
D-16	<u>CLOSED FLUME INLET (SINGLE BARREL, D6.5')</u>	EA	1			
31 D-17	MANHOLES, P-8, <10'	EA	3			
32 D-18	MANHOLES, P-8, >10'	EA	4			
33 D-19	MANHOLES, J-8, >10'	EA	3			
34 D-20	DRAINAGE MANHOLE, ADJUST	EA	7			
35 D-21	YARD DRAIN	EA	3			
36 D-22	PIPE CULV, HDPE, ROUND, 24"S/CD, < 8' DEPTH TO INVERT	LF	367 330			
37 D-23	PIPE CULV, HDPE, ROUND, 24"S/CD, > 8' DEPTH TO INVERT	LF	27 58			
38 D-24	PIPE CULV, HDPE, ROUND, 18"S/CD < 8' DEPTH TO INVERT	LF	438 412			
39 D-25	PIPE CULV, HDPE, ROUND, 12"S/CD < 8' DEPTH TO INVERT	LF	105			

Name of Bidder

Signature of Bidder

Part 2-10

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
40	D-26	PIPE CULV, HDPE, ROUND, 24"S/CD, < 8' DEPTH TO INVERT (ALTERNATE SECTION)	LF	92		
41	D-27	PIPE CULV, HDPE, ROUND, 24"S/CD, > 8' DEPTH TO INVERT (ALTERNATE SECTION)	LF	7		
42	D-28	PIPE CULV, HDPE, ROUND, 18"S/CD < 8' DEPTH TO INVERT (ALTERNATE SECTION)	LF	117		
43	D-29	PIPE CULV, HDPE, ROUND, 12"S/CD < 8' DEPTH TO INVERT (ALTERNATE SECTION)	LF	14		
44	D-30	FRENCH DRAIN, 18"	LF	227		
45	D-31	FRENCH DRAIN, 18" (ALTERNATE SECTION)	LF	80		
46	D-32	FRENCH DRAIN, 24"	LF	167		
47	D-33	FRENCH DRAIN, 24" (ALTERNATE SECTION)	LF	102		
48	D-34	POLLUTION CONTROL BAFFLE	EA	14		
49	D-35	WEIR (INVERTED BAFFLE)	EA	2		
50	D-36	MANATEE GRATE (IF REQUIRED)	EA	1		
51	D-37	MODIFY EXISTING DRAINAGE STRUCTURE	EA	56		
52	U-1	VALVE BOXES, ADJUST	EA	36		
53	U-2	F&I NEW SAN. CLEANOUT INCL. OF NO. 53 VALVE BOX INCL. OF REQ'D PIPE AND JOINT MATERIALS	EA	32		
54	U-3	FIRE HYDRANT, REMOVE	EA	43		
55	U-4	FIRE HYDRANT, F&I, STD,2 HOSE,1PUMP,6" INCL. OF NEW 8" x 6" T.S. AND T.V., UP TO 20 L.F. of 6" WM	EA	3		

Name of Bidder

Signature of Bidder

Part 2-11

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
56	U-5	FIRE HYDRANT, F&I, STD,2 HOSE,1PUMP,6" INCL. OF NEW 8" x 6" T.S. AND T.V., UP TO 40 L.F. of 6" WM	EA	1		
57	U-6	2" WATER SERVICE, F&I, INCL. OF METER BOX, CORP. STOP, UP TO 20 L.F. OF 2" COPPER PIPE, AND NEW BACKFLOW PREVENTER	EA	1		
58	U-7	2" WATER SERVICE, F&I, INCL. OF METER BOX, CORP. STOP, UP TO 40 L.F. OF 2" COPPER PIPE, AND NEW BACKFLOW PREVENTER	EA	1		
59	U-8	MANHOLE, HANDHOLE, AND PULLBOX RIM ADJUST	EA	18		
60	L-1	TREE PROTECTION FENCE	LF	3795		
61	L-2	TRASH RECEPTACLE	EA	7		
62	L-3	BENCH	EA	7		
63	L-4	SABAL PALMETTO - SABAL PALM	EA	21		
64	L-5	TAXODIUM DISTICHUM - CYPRESS SPECIMEN	EA	2		
65	L-6	QUERCUS VIRGINIANA - LIVE OAK SPECIMEN	EA	5		
66	L-7	ROYSTONEA REGIA - ROYAL PALM	EA	11		
67	L-8	THRINAX RADIATA - FLORIDA THATCH PALM	EA	122		
68	L-9	SERENOA REPENS 'CINEREA' - SILVER SAW PALMETTO	EA	128		
69	L-10	CORDIA SEBESTENA - ORANGE GEIGER	EA	1		
70	L-11	COCCOLOBA DIVERSIFOLIA - PIGEON PLUM	EA	21		
71	L-12	MUHLENBERGIA CAPILLARIS - PINK MUHLY	EA	2384		

Name of Bidder

Signature of Bidder

Part 2-12

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
72 L-13	TRIPSACUM DACTYLOIDES - FAKAHATCHEE GRASS	EA	1064			
73 L-14	BORRICHIA ARBORESCENS	EA	690			
74 L-15	ARACHIS GLABRATA - PERENNIAL PEANUT	SF	21760			
75 L-16	PERFORMANCE TURF, SOD	SF	3000			
76 L-17	PLANTING SOIL (3" DEPTH)	SY	954			
77 L-18	MULCH (3" DEPTH)	SY	954			
78 S&M - 1	PROJECT INFORMATION SIGNS	EA	3			
79 S&M - 2	ELECT DISP SIGN, REMOVE- GROUND MOUNT, ASSEMBLY	EA	2			
80 S&M - 3	ELEC DIS SIGN- F&I GM- SOLAR, SPEED FLAS, ASSEMBLY	EA	2			
81 S&M - 4	SINGLE POST SIGN, F&I GM, <12 SF, ASSEMBLY	EA	19			
82 S&M - 5	SINGLE POST SIGN, REMOVE, ASSEMBLY	EA	26			
83 S&M - 6	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	252			
84 S&M - 7	PAINTED PAVT, GREEN (BIKE LANE)	SY	1114			
85 S&M - 8	THERMOPLASTIC, STD, WHITE, YIELD LINE	LF	14			
86 S&M - 9	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	GM	1.042			
87 S&M - 10	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	GM	0.071			
88 S&M - 11	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	GM	0.863			

Name of Bidder

Signature of Bidder

Part 2-13

**BID PROPOSAL FOR ITB No. 2019-011
NW SOUTH RIVER DRIVE SR826-72A ROADWAY AND DRAINAGE**

Item No.	Description of Work	Unit	Quantity	Unit Price (\$)	Written Unit Price (\$)	Extended Cost (\$)
89 S&M - 12	THERMOPLASTIC, STD-OP, YELLOW, SKIP, 6"	GM	0.05			
90 S&M - 13	THERMOPLASTIC, STD, YELLOW, DOT / GUIDE, 6"	GM	0.077			
91 S&M - 14	THERMOPLASTIC, STD-OP, WHITE, SOLID, 8"	GM	0.023			
92 S&M - 15	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	1027			
93 S&M - 16	THERMOPLASTIC, STD, WHITE, SOLID, 18"	LF	86			
94 S&M - 17	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	18			
95 S&M - 18	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	139			
96 S&M - 19	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	17			
97 S&M - 20	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	17			
98 GC-1	GENERAL CONDITIONS (MOT, MOB, EROSION CTRL, ETC.)	LS	Lump Sum			

A. SUB-TOTAL (Add Items Above) _____

B. 25% Contingency Allowance (25% of A) _____

GRAND TOTAL (Add A+B) _____

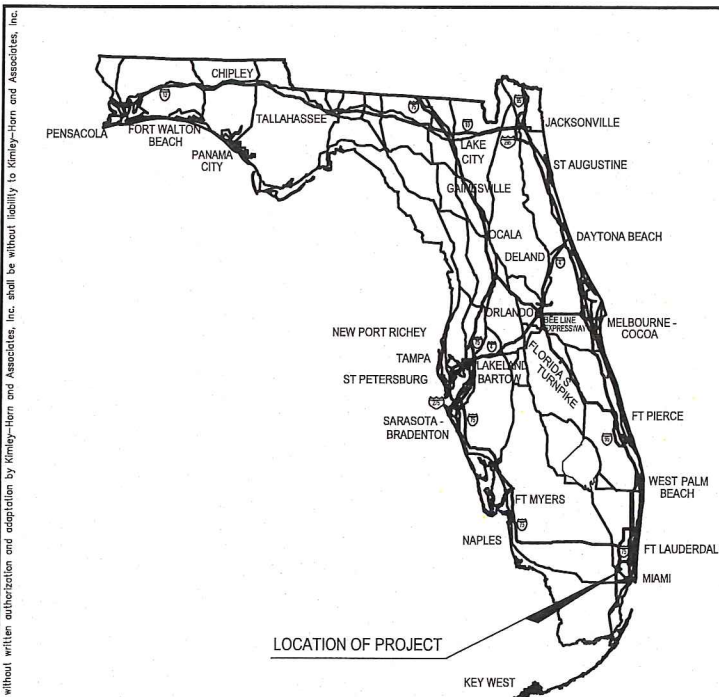
Written Bid Amount: _____

The total contract time is 180 calendar days to Final Completion from Notice to Proceed.

Name of Bidder

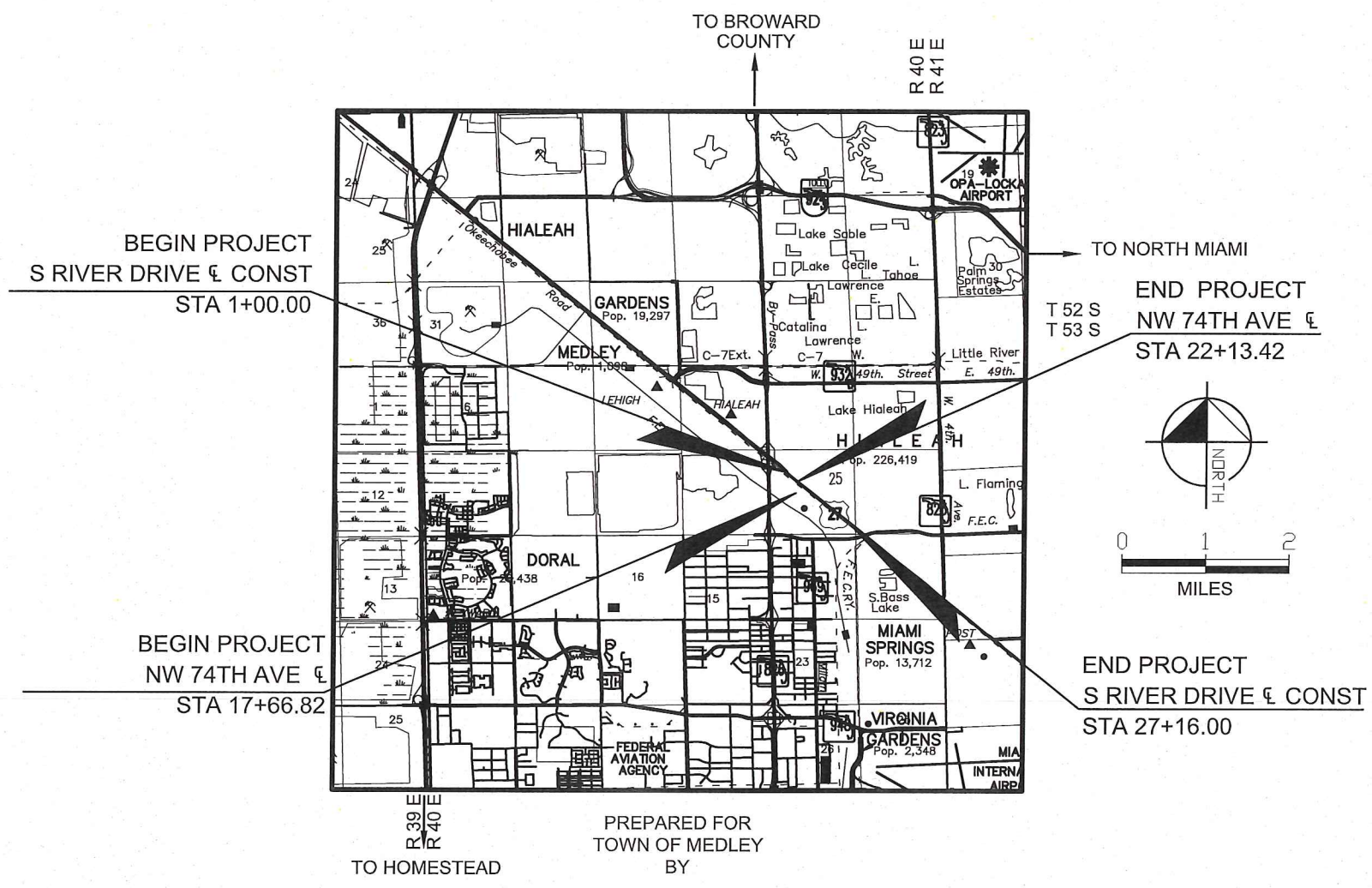
Signature of Bidder

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-0000 KEY SHEET January 31, 2019 11:11:04pm
 K: \MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-0000 COVER SHEET.dwg



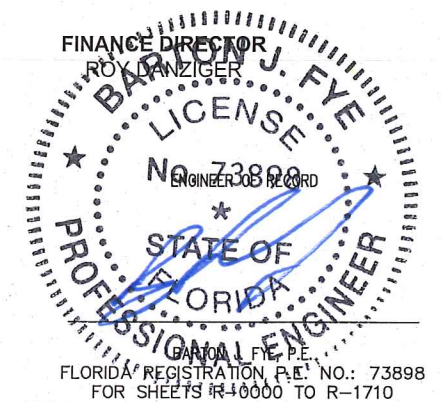
TOWN OF MEDLEY

NW SOUTH RIVER DRIVE FROM SR-826 TO NW 72ND AVE NW 74TH AVE FROM TO NW 82ND ST TO NW SOUTH RIVER DRIVE MIAMI DADE COUNTY BID PLANS



SHEET NO.	DESCRIPTION
R-0000	KEY SHEET
R-1000 THRU R-1001	ROADWAY GENERAL NOTES
R-1002 THRU R-1003	EROSION CONTROL NOTES
B-1000	SUBSURFACE PROFILES
R-1100 THRU R-1102	TYPICAL SECTIONS
R-1200 THRU R-1210	MISCELLANEOUS DETAILS
R-1300 THRU R-1310	ROADWAY PLAN & PROFILE
R-1400	SUMMARY OF DRAINAGE STRUCTURES
R-1400A	SUMMARY OF DRAINAGE STRUCTURES
R-1401 THRU R-1404	DRAINAGE STRUCTURES
R-1404 THRU R-1406	DRAINAGE PROFILES
R-1500 THRU R-1504	ROADWAY CROSS SECTIONS

- | | |
|-------------------------------------|--------------------------------------|
| TOWN COUNCIL | STORMWATER UTILITIES ADMINISTRATION |
| MAYOR
ROBERTO MARTELL | UTILITIES DIRECTOR
JORGE C. SOTO |
| VICE-MAYOR
EDGAR AYALA | TOWN ENGINEER
JORGE E. CORZO P.E. |
| COUNCILPERSON
IVAN PACHECO | FINANCE DIRECTOR
ROY DANZIGER |
| COUNCILPERSON
GRISELIA DIGIACOMO | COUNCILPERSON
LILY STEFANO |



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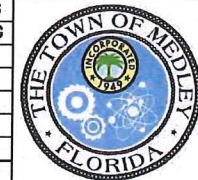
ROADWAY SHOP DRAWINGS
 TO BE SUBMITTED TO:
 KIMLEY-HORN AND ASSOCIATES, INC.
 BARTON J. FYE, P.E.
 355 ALHAMBRA CR, SUITE 1400
 CORAL GABLES, FLORIDA 33134

355 ALHAMBRA CIRCLE, SUITE 1400, CORAL GABLES, FL 33134
 PHONE: 305-673-2025
 WWW.KIMLEY-HORN.COM CA 00000696

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS F 2018-19 AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JULY 2018, MANUAL ON UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS (DATED MAY 2013) AS AMENDED BY CONTRACT DOCUMENTS. MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PART 1,2, AND 3, THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT - HIGHWAY DIVISION STANDARD DETAILS.

Sunshine811
 Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
 Check positive response codes before you dig!

No.	REVISIONS	DATE	BY
1	REVISION 1	01.21.19	JPG
2	SUE UPDATE	02.01.19	JPG



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KHA PROJECT 043637031
DATE FEB 2019
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA DATE: _____

LICENSED PROFESSIONAL
BARTON J. FYE, P.E.
73898

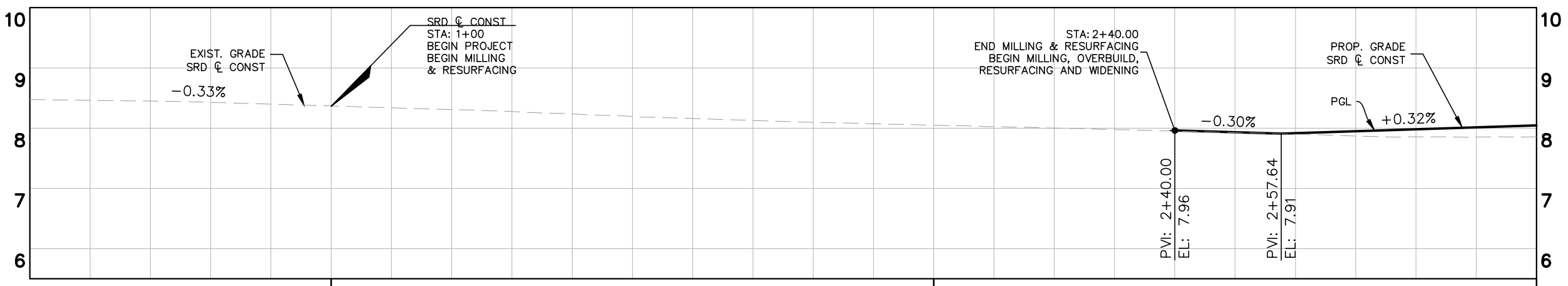
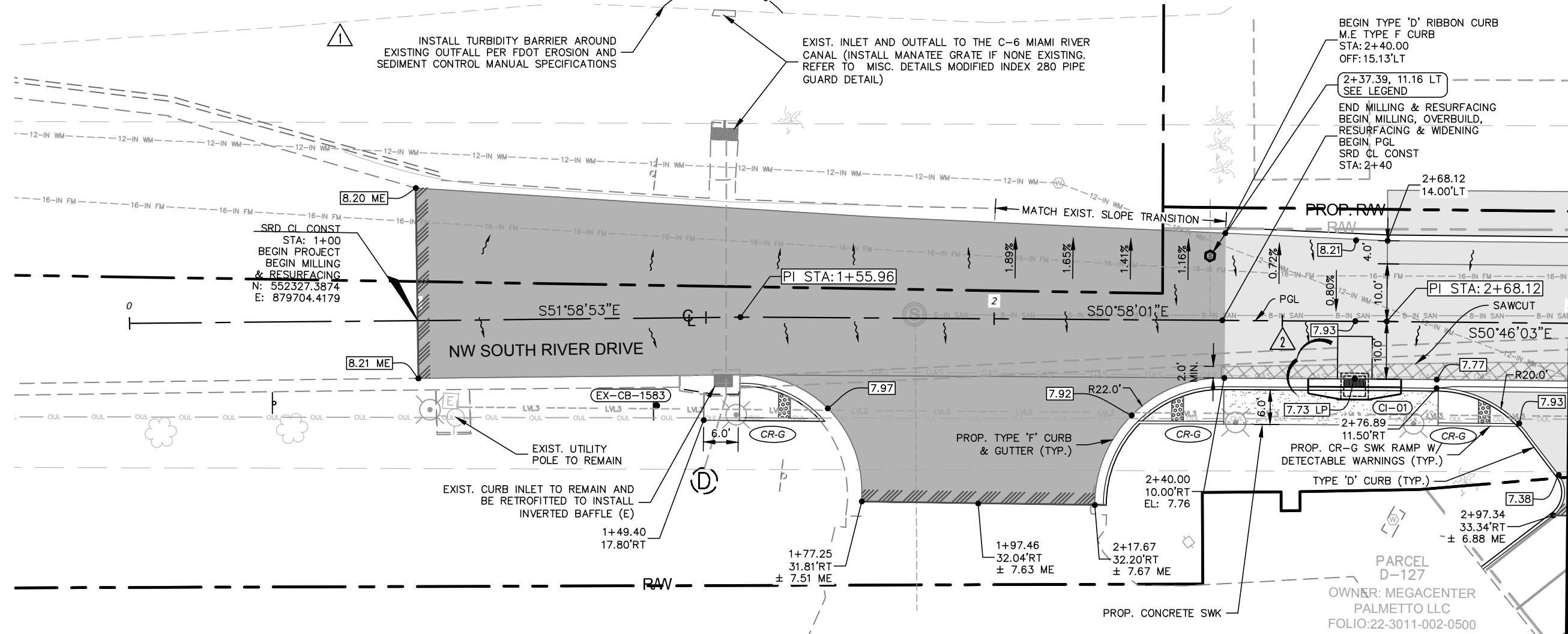
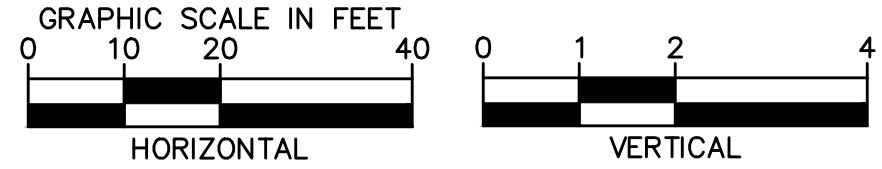
KEY SHEET

SHEET NUMBER
R-0000

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1300 ROADWAY PLAN & PROFILE February 04, 2019 11:59:25am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PAGE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1300 ROADWAY PLAN (1).dwg

LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS



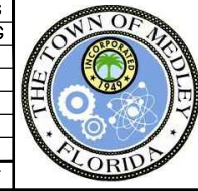
2 *LOCATION AND ALIGNMENT OF 16 IN FM, 4 IN GAS, 12 IN WM AND LEVEL3 UTILITIES HAS BEEN UPDATED

EG: 8.4 FG: 1+00

EG: 8.0 FG: 2+00

EG: 7.9 FG: 8.05 3+00

No.	REVISIONS	DATE	BY
1	REVISION 1	01.21.19	JPG
2	SUE UPDATE	02.01.19	JPG



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DATE FEB 2019
SCALE AS SHOWN
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ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1300

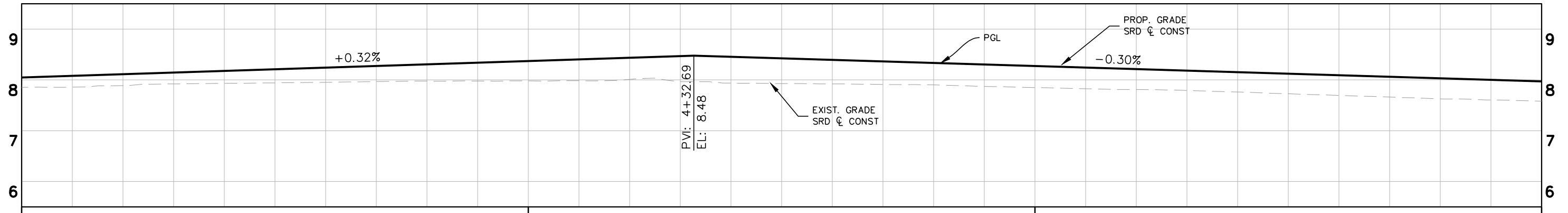
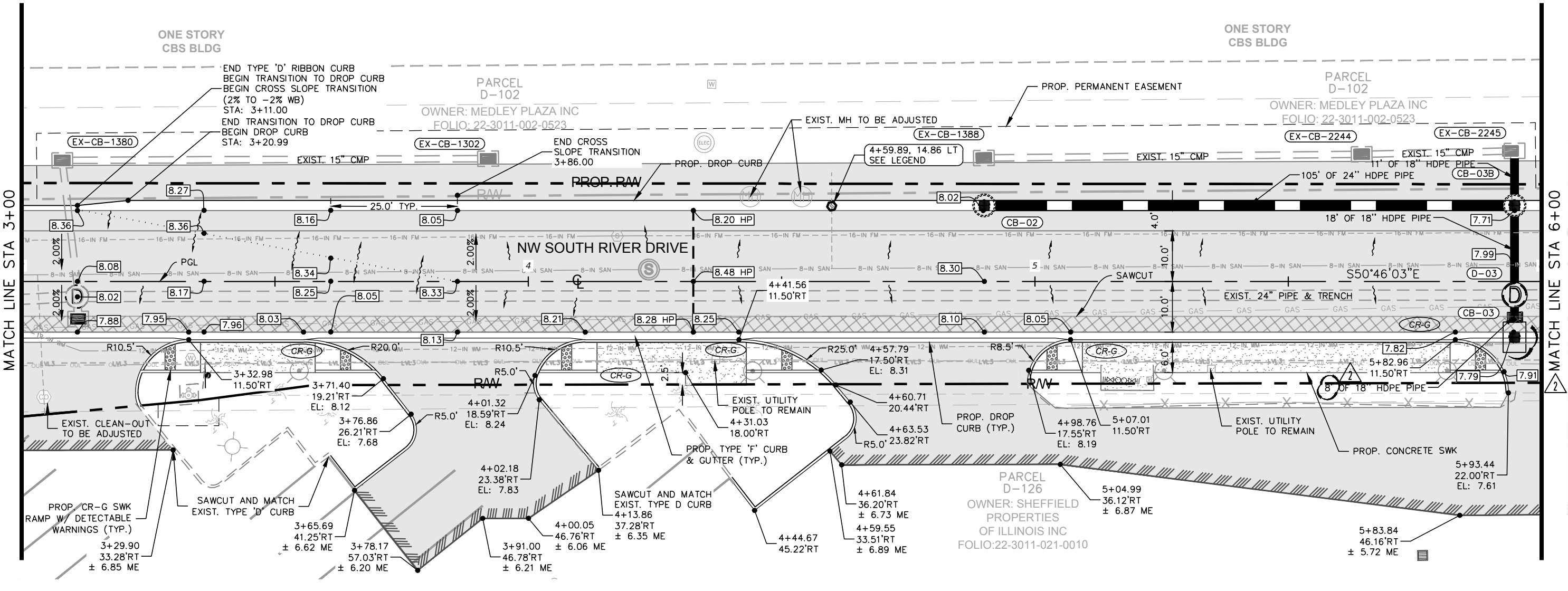
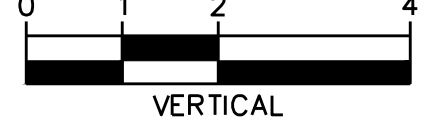
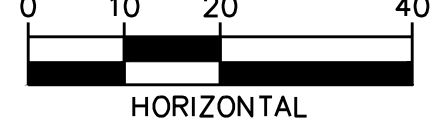
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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS

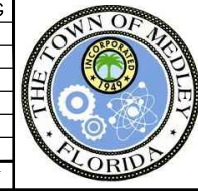


GRAPHIC SCALE IN FEET



EG: 7.9 FG: 8.05 3+00 *LOCATION AND ALIGNMENT OF 16 IN FM, 4 IN GAS, 12 IN WM AND LEVEL3 UTILITIES HAS BEEN UPDATED EG: 8.0 FG: 8.37 4+00 EG: 7.8 FG: 8.27 5+00 EG: 7.6 FG: 7.97 6+00

No.	REVISIONS	DATE	BY
2	SUE UPDATE	02.01.19	JPG



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DATE	FEB 2019
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LICENSED PROFESSIONAL
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 73898
 DATE: _____

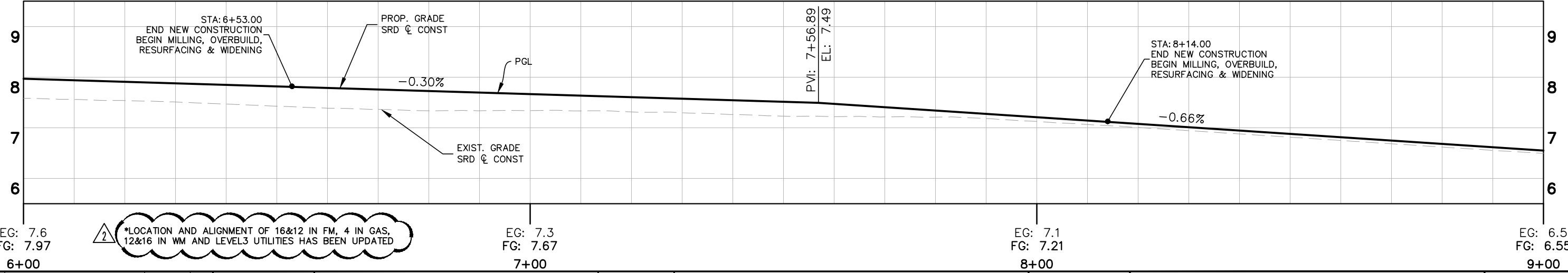
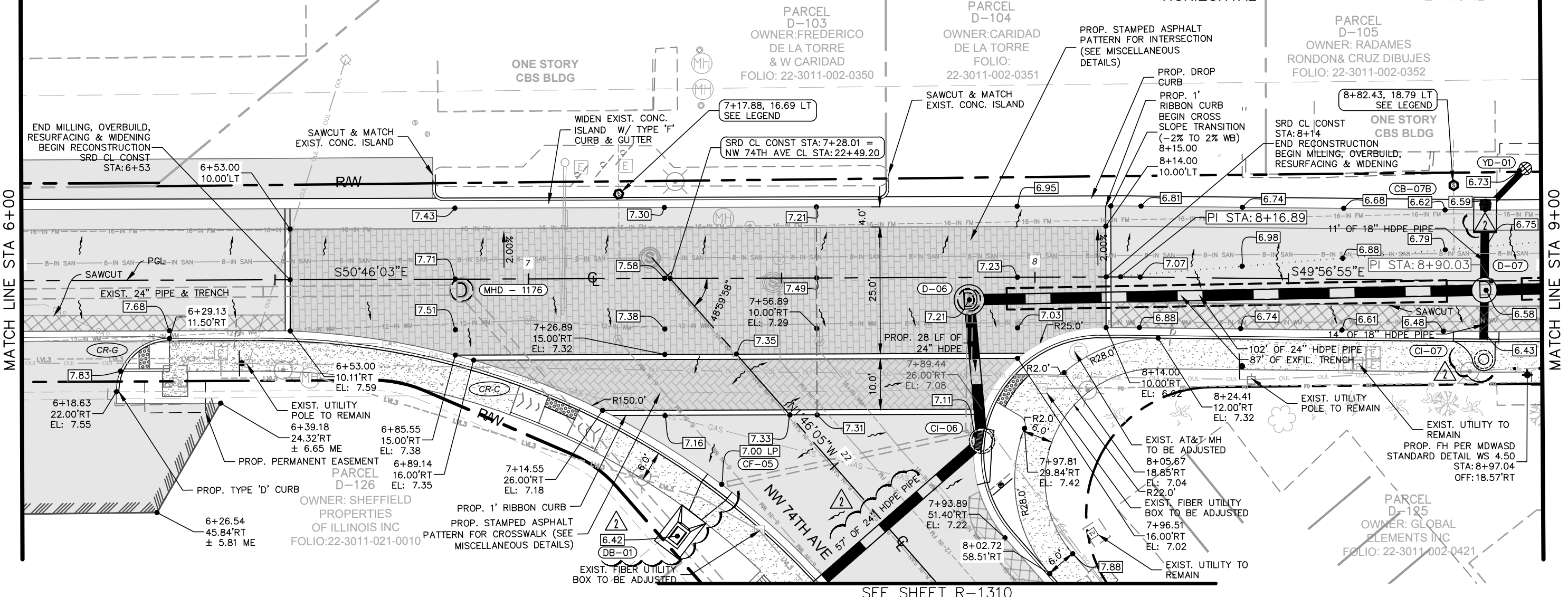
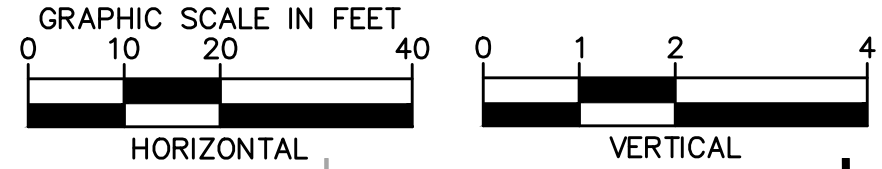
ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1301

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1302 ROADWAY PLAN & PROFILE February 04, 2019 11:59:40am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PAGE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1300 ROADWAY PLAN (1).dwg

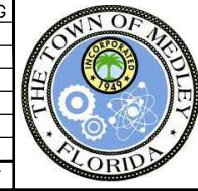
LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- DRAINAGE STR. NAME
- PROP. MANHOLE
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS



2 *LOCATION AND ALIGNMENT OF 16&12 IN FM, 4 IN GAS, 12&16 IN WM AND LEVEL3 UTILITIES HAS BEEN UPDATED

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ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1302

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1303 ROADWAY PLAN & PROFILE February 04, 2019 11:59:47am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PAGE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1300 ROADWAY PLAN (1).dwg
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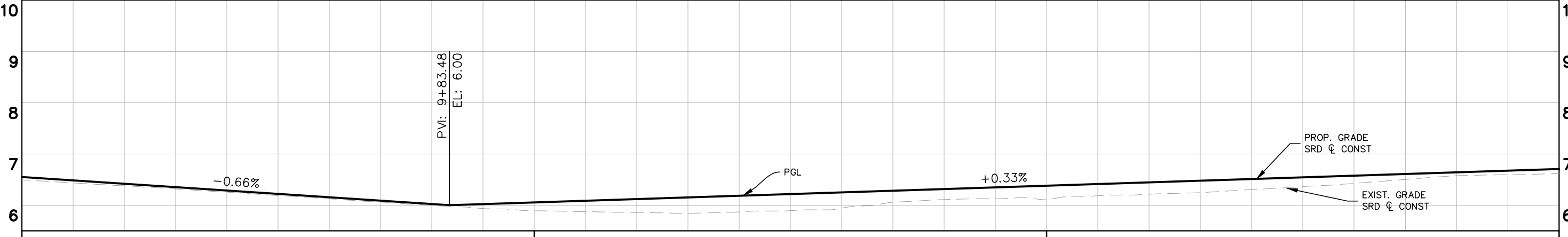
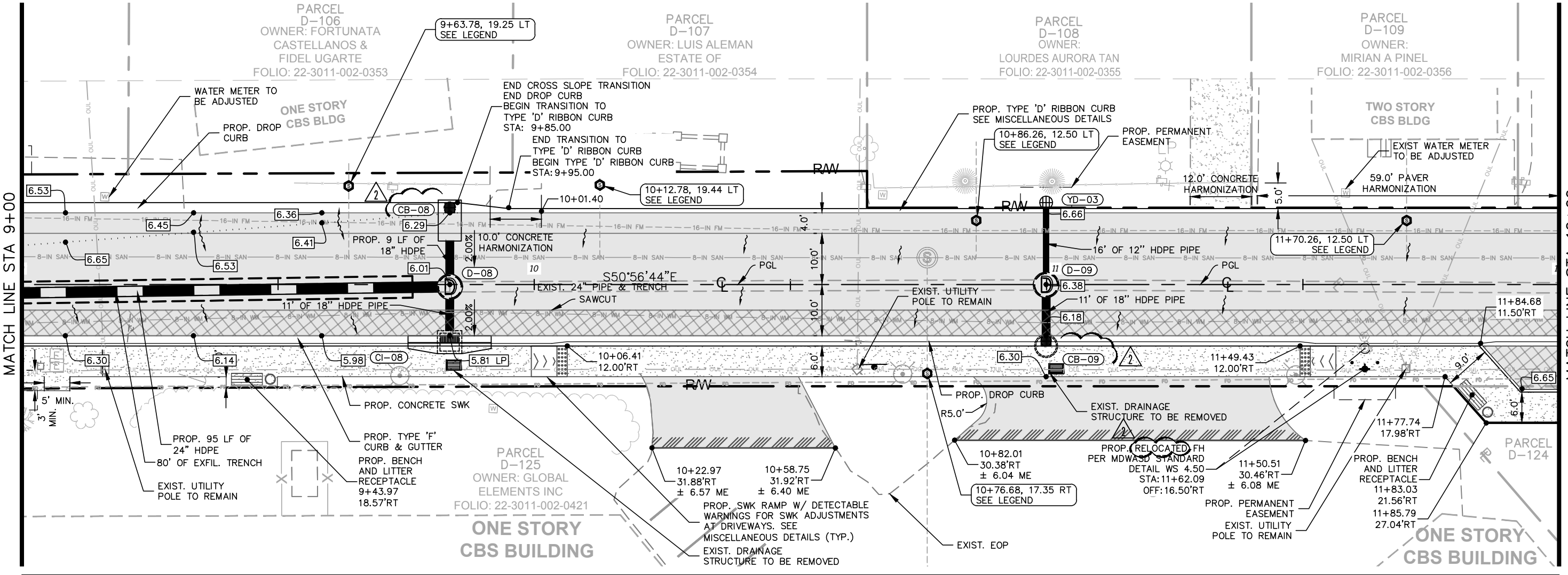
LEGEND

	MILLING, OVERBUILD & RESURFACING		DRAINAGE STR. NAME		PROP. PIPE		CONCRETE SWK		INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS
	MILLING & RESURF.		PROP. MANHOLE		PROP. EXFILTRATION TRENCH		STAMPED ASPHALT		

GRAPHIC SCALE IN FEET

HORIZONTAL 0 10 20 40

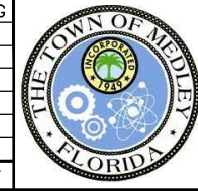
VERTICAL 0 1 2 4



*LOCATION AND ALIGNMENT OF 16 IN FM, AND 8 IN WM UTILITIES HAS BEEN UPDATED

EG: 6.5 FG: 6.55 9+00	EG: 5.9 FG: 6.05 10+00	EG: 6.1 FG: 6.38 11+00	EG: 6.6 FG: 6.70 12+00
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No.	REVISIONS	DATE	BY
2	SUE UPDATE	02.01.19	JPG



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DATE FEB 2019
SCALE AS SHOWN
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SHEET NUMBER R-1303

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1304 ROADWAY PLAN & PROFILE February 04, 2019 11:59:55am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PAGE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1300 ROADWAY PLAN (1).dwg
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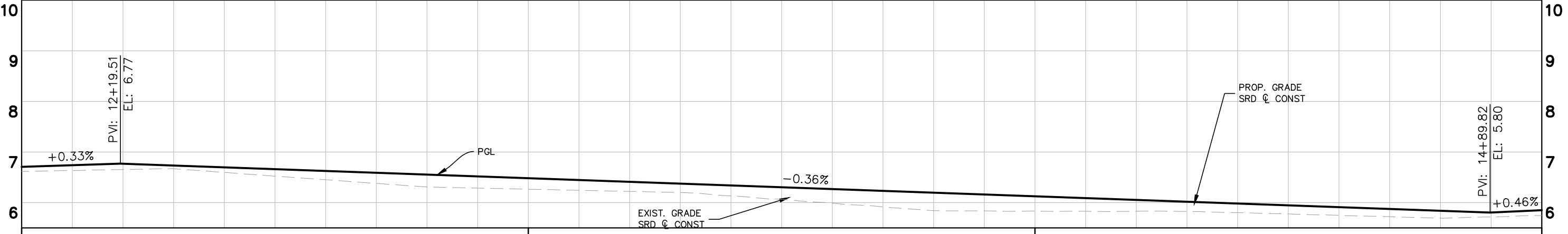
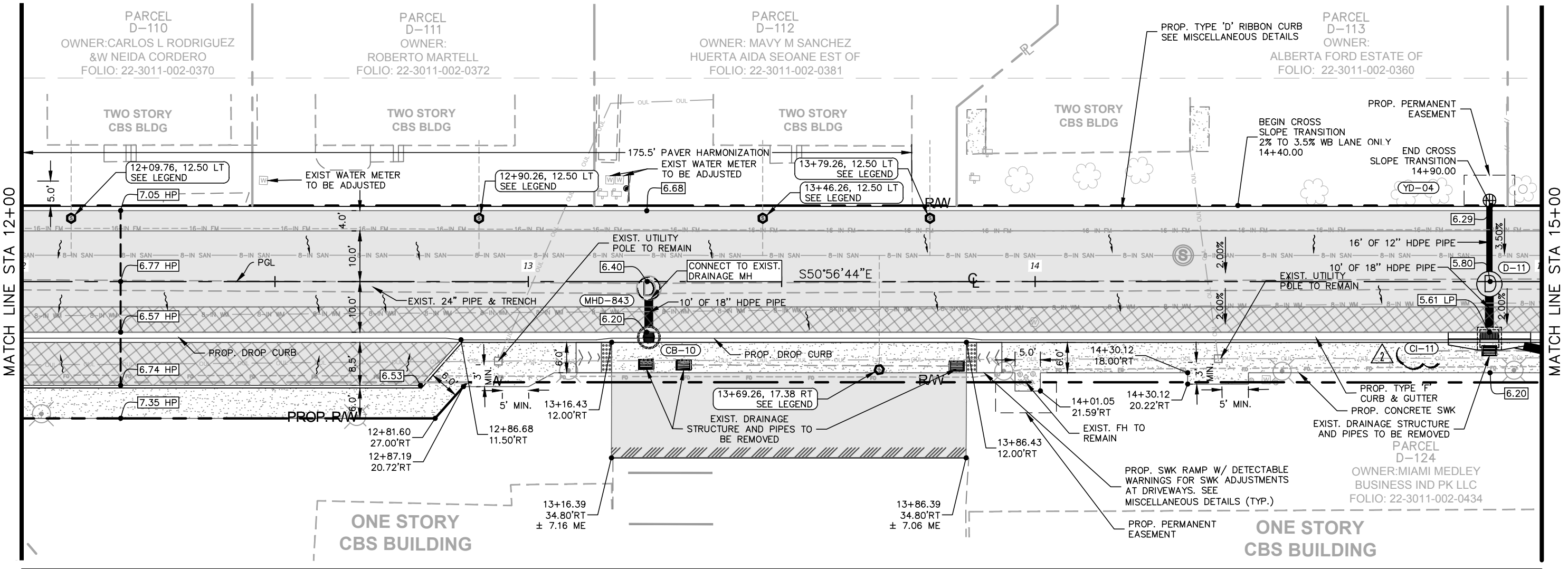
LEGEND

	MILLING, OVERBUILD & RESURFACING		DRAINAGE STR. NAME		PROP. PIPE		CONCRETE SWK		INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS
	MILLING & RESURF.		PROP. MANHOLE		PROP. EXFILTRATION TRENCH		STAMPED ASPHALT		

GRAPHIC SCALE IN FEET

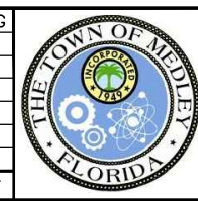
HORIZONTAL 0 10 20 40

VERTICAL 0 1 2 4



2 *LOCATION AND ALIGNMENT OF 16 IN FM, AND 8 IN WM UTILITIES HAS BEEN UPDATED

No.	REVISIONS	DATE	BY
2	SUE UPDATE	02.01.19	JPG



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DATE	FEB 2019
SCALE	AS SHOWN
DESIGNED BY	BJF
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ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1304

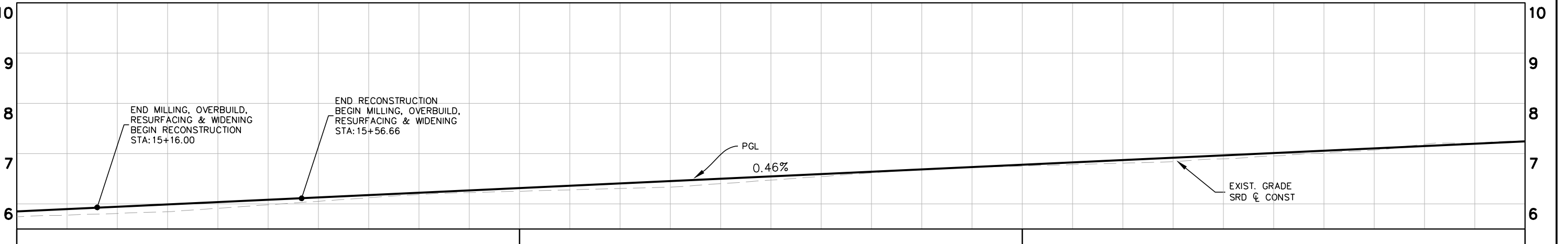
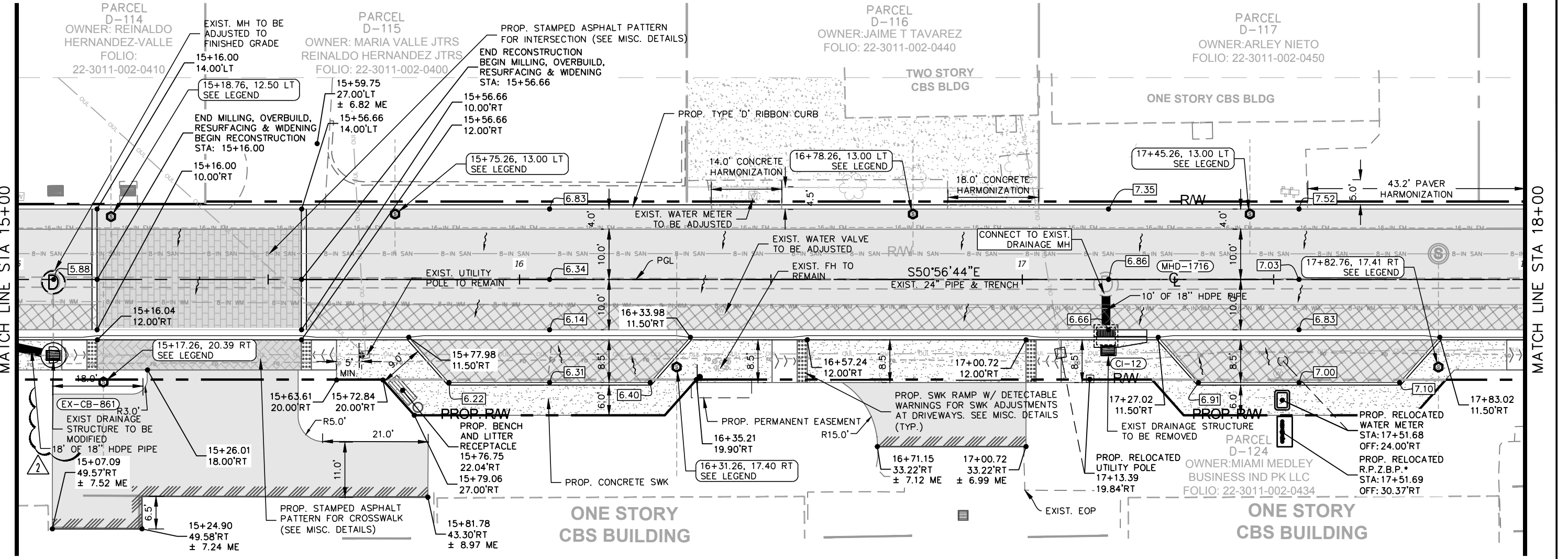
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LEGEND

	MILLING, OVERBUILD & RESURFACING		DRAINAGE STR. NAME		PROP. PIPE		CONCRETE SWK	
	MILLING & RESURF.		PROP. MANHOLE		PROP. EXFILTRATION TRENCH		STAMPED ASPHALT	

GRAPHIC SCALE IN FEET

0 10 20 40	0 1 2 4
HORIZONTAL	VERTICAL



EG: 5.7 FG: 5.85 15+00	 *LOCATION AND ALIGNMENT OF 16 IN FM, AND 8 IN WM UTILITIES HAS BEEN UPDATED	EG: 6.3 FG: 6.31 16+00	EG: 6.8 FG: 6.78 17+00	EG: 7.3 FG: 7.24 18+00 *REDUCED PRESSURE ZONE BACKFLOW PREVENTER (R.P.Z.B.P)
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2	SUE UPDATE	02.01.19	JPG
No.	REVISIONS	DATE	BY



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 73898
 DATE:

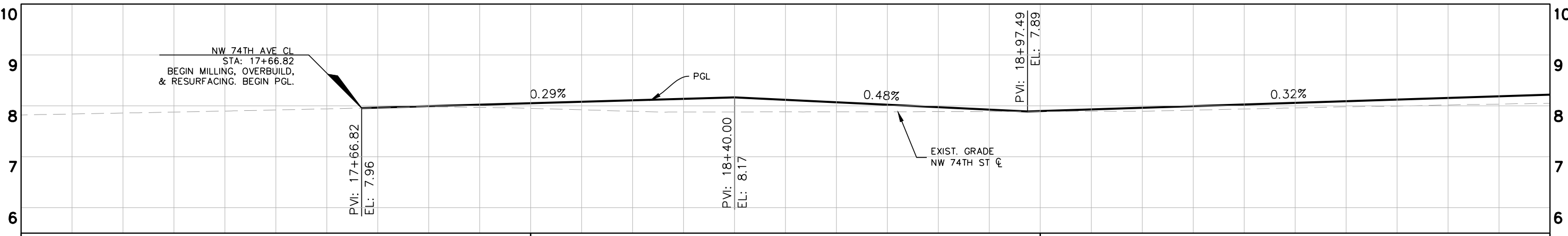
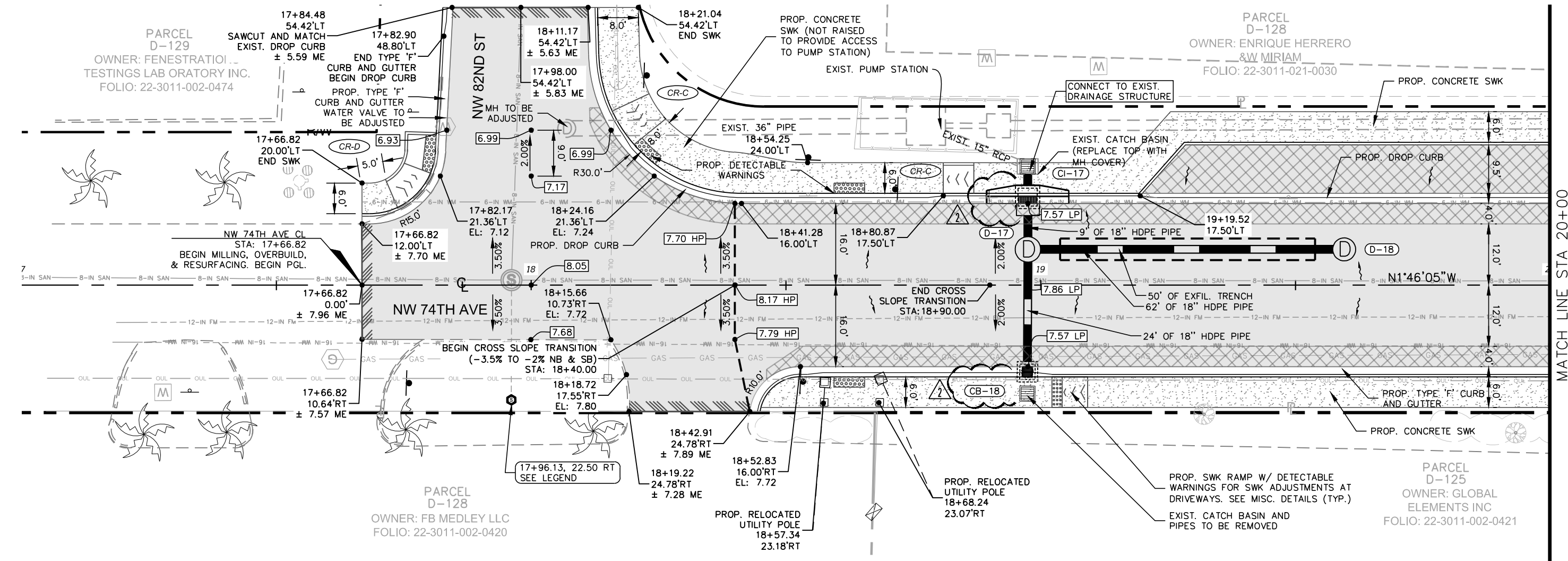
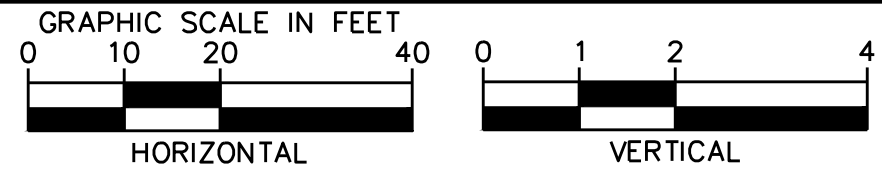
ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1305

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1309 ROADWAY PLAN & PROFILE February 04, 2019 12:00:06pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1309 ROADWAY PLAN (2).dwg

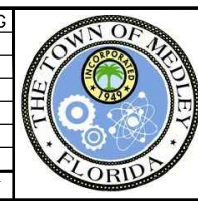
LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- XX-XX DRAINAGE STR. NAME
- (D) PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS



2 *LOCATION AND ALIGNMENT OF 16&12 IN FM, 4 IN GAS, 12&16 IN WM AND LEVEL3 UTILITIES HAS BEEN UPDATED

No.	REVISIONS	DATE	BY
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DATE	FEB 2019
SCALE AS SHOWN	
DESIGNED BY	BJF
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CHECKED BY	BJF

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 73898
 DATE: _____

ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1309

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1310 ROADWAY PLAN & PROFILE February 04, 2019 12:00:14pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1300 ROADWAY PLAN (2).dwg
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LEGEND

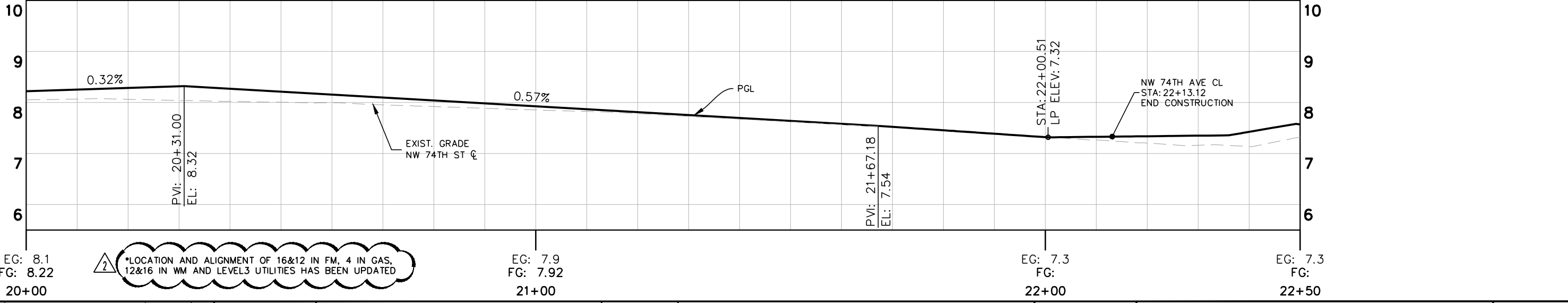
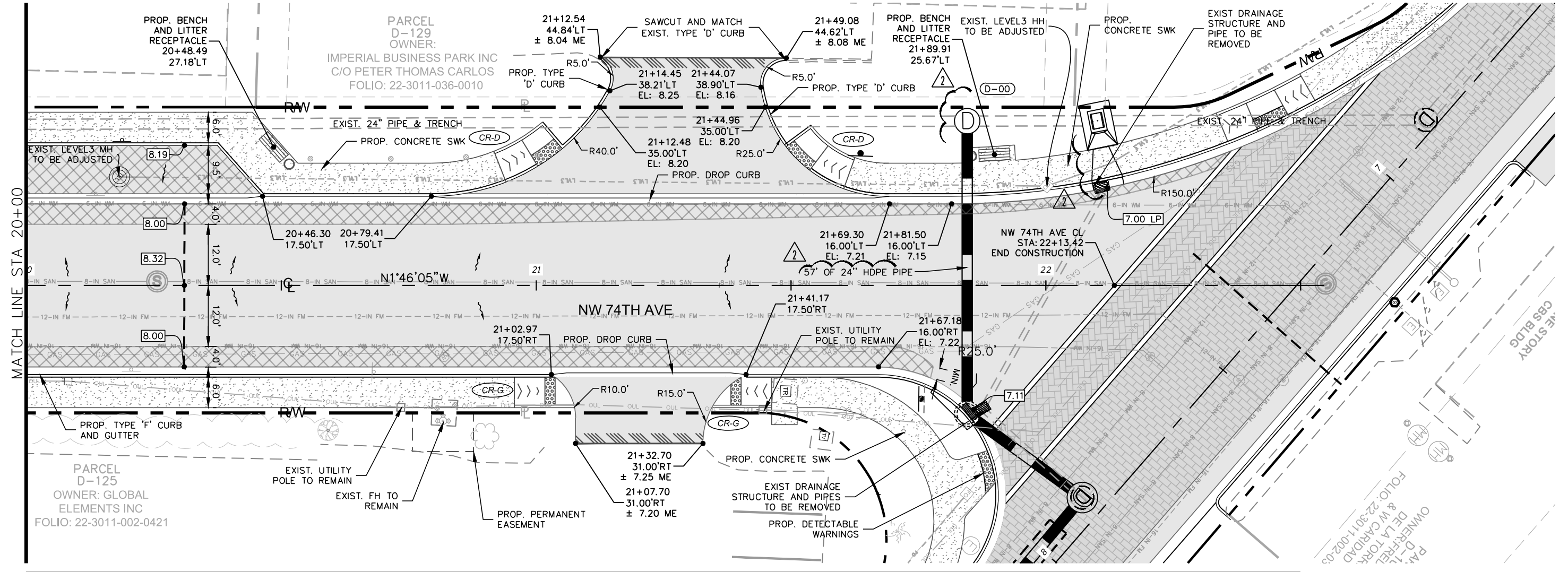
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	MILLING & RESURF.		PROP. MANHOLE		PROP. EXFILTRATION TRENCH		STAMPED ASPHALT		
	WIDENING								

GRAPHIC SCALE IN FEET

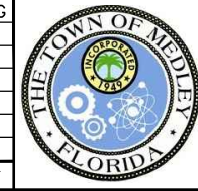
HORIZONTAL 0 10 20 40

VERTICAL 0 1 2 4

North Arrow



No.	REVISIONS	DATE	BY
2	SUE UPDATE	02.01.19	JPG



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TOWN OF MEDLEY

TOWN OF MEDLEY
 FLORIDA

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 73898

ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1310

STATION AND OFFSET REFERS TO CENTER OF BOTTOM STRUCTURE UNLESS OTHERWISE NOTICED						
STATION	OFFSET FT	ALIGNMENT	STR. NO.	DESCRIPTION	CONNECTED PIPES	BOTTOM ELEV.
2+62.62	8.13 RT	SRD CL CONST	CI-01	CURB INLET TYPE J-6 (5'WX10'L) CUT IN AND CONNECT TO EXIST. 24" PIPE C-I-P CONFLICT STRUCTURE FOR 4" GAS PIPE PER INDEX 425-080 INCLUDES 6" STEEL CASING PIPE	INV: 1.00 (SE) - EXIST. 24" PIPE INV: 1.00 (NW) - EXIST. 24" PIPE	-1.50
4+90.00	15.00 LT	SRD CL CONST	CB-02	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 3.90 (SE) - 24" HDPE	-0.07
5+94.66	2.68 RT	SRD CL CONST	D-03	MH TYPE P-8 (4' DIA) INDEX NO'S 425-001 & 425-010 TYPE II SKIMMER (NW & SE) CONNECT TO EXIST 24" PIPE (NW) CONNECT TO EXIST 24" PIPE (SE)	INV: 3.96 (NE) - 18" HDPE INV: 3.10 (SW) - 18" HDPE INV: 1.05 (SE) - EXIST. 24" PIPE & TRENCH INV: 1.05 (NW) - EXIST. 24" PIPE & TRENCH	-2.45
5+94.66	15.00 LT	SRD CL CONST	CB-03B	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 3.96 (SW) - 18" HDPE INV: 3.96 (NE) - 18" HDPE INV: 3.58 (NW) - 24" HDPE	1.62
5+94.66	11.00 RT	SRD CL CONST	CB-03	TYPE 'V' CATCH BASIN GUTTER INLET (3.5'WX5'L) C-I-P CONFLICT STRUCTURE FOR 12" WM PER INDEX 425-080 INCLUDES 16" STEEL CASING PIPE	INV: 3.20 (NE) - 18" HDPE	1.20
7+29.27	50.72 RT	SRD CL CONST	DB-01	TYPE C DITCH BOTTOM INLET W/ SINGLE SLOT CONCRETE APRON (4' DIA) INDEX 425-010 & 425-052 CONNECT TO EXIST 24" PIPE (S) CONNECT TO EXIST 24" PIPE (S) TYPE II SKIMMER (N & S) CONTRACTOR TO REPLACE FENCE IN CONFLICT	INV: 2.00 (N) - EXIST. 24" PIPE & TRENCH INV: 2.00 (S) - EXIST. 24" PIPE & TRENCH	-1.50
7+37.66	40.39 RT	SRD CL CONST	CF-05	CLOSED FLUME INLET (SINGLE BARREL, D=6.5') INDEX 425-061		
7+87.00	4.43 RT	SRD CL CONST	D-06	MH TYPE J-8 (5.0' DIA) INDEX NO'S 425-001 & 425-010 TYPE II SKIMMER (SE) INVERTED BAFFLE WEIR (SW)	INV: 0.40 (SE) - 24" HDPE INV: -0.02 (SW) - 24" HDPE	-3.52
7+89.42	32.25 RT	SRD CL CONST	CI-06	TYPE J-5 CUSTOM CURB INLET (5' DIA) ON CURVE INDEX 425-010 & 425-021	INV: -5.93 (W) - 24" HDPE INV: -0.43 (NE) - 24" HDPE	-7.93
8+88.69	13.00 LT	SRD CL CONST	CB-07B	TYPE 'V' CATCH BASIN GUTTER INLET (3.5'WX6'L) C-I-P CONFLICT STRUCTURE FOR 16" FM PER INDEX 425-080 INCLUDES 24" STEEL CASING PIPE	INV: 1.42 (SW) - 18" HDPE INV: 3.50 (E) - 12" HDPE	-0.58
8+88.71	15.48 RT	SRD CL CONST	CI-07	TYPE P-3 CURB INLET (3.5' DIA) INDEX 425-010 & 425-020	INV: -1.25 (NE) - 18" HDPE	-3.25
8+88.71	1.84 RT	SRD CL CONST	D-07	MH TYPE P-8 (4.0' DIA) INDEX NO'S 425-001 & 425-010 TYPE II SKIMMER (NW & SE)	INV: 0.40 (NW) - 24" HDPE INV: -0.85 (SE) - 24" HDPE INV: 1.42 (NE) - 18" HDPE INV: -1.25 (SW) - 18" HDPE	-4.75
8+96.90	22.10 LT	SRD CL CONST	YD-01	12" YARD DRAIN (NYLOPLAST DRAIN BASIN W/ STD GRATE OR APPROVED EQUAL)	INV: 3.68 (W) - 12" HDPE	3.18
9+83.48	11.25 RT	SRD CL CONST	CI-08	TYPE P-6 CURB INLET (3.5' DIA) INDEXES 425-001 & 425-010	INV: -0.75 (NE) - 18" HDPE	-3.71
9+83.51	12.50 LT	SRD CL CONST	CB-08	TYPE 'V' CATCH BASIN GUTTER INLET (3.5'WX7'L) C-I-P CONFLICT STRUCTURE FOR 16" FM PER INDEX 425-080 INCLUDES 24" STEEL CASING PIPE	INV: 1.60 (SW) - 18" HDPE	-0.40

*INDEX NUMBERS HAVE BEEN UPDATED PER CORRESPONDING FDOT STANDARD PLANS EDITION *SKIMMERS ADDED TO STRUCTURES CONNECTING TO TRENCH

STRUCTURE TABLE						
STATION	OFFSET FT	ALIGNMENT	STR. NO.	DESCRIPTION	CONNECTED PIPES	BOTTOM ELEV.
9+83.51	0.44 RT	SRD CL CONST	D-08	MH TYPE J-8 (5.0' DIA) INDEX NO'S 425-001 & 425-010 TYPE II SKIMMER (NW & SE) CONNECT TO EXIST 24" PIPE (SE)	INV: -0.85 (NW) - 24" HDPE INV: -0.75 (SW) - 18" HDPE INV: 1.51 (NE) - 18" HDPE INV: -0.85 (SE) - EXIST. 24" PIPE & TRENCH	-4.35
10+99.89	0.08 RT	SRD CL CONST	D-09	MH TYPE P-8 (4' DIA) INDEX NO'S 425-001 & 425-010 TYPE II SKIMMER (NW & SE) CONNECT TO EXIST 24" PIPE (NW) CONNECT TO EXIST 24" PIPE (SE)	INV: -0.85 (NW) - EXIST. 24" PIPE & TRENCH INV: 0.75 (SE) - EXIST. 24" PIPE & TRENCH INV: -0.41 (NE) - 12" HDPE INV: -1.21 (SW) - 18" HDPE	-4.71
10+99.89	16.00 LT	SRD CL CONST	YD-03	12" YARD DRAIN (NYLOPLAST DRAIN BASIN W/ STD GRATE OR APPROVED EQUAL)	INV: -0.41 (SW) - 12" HDPE	-0.91
10+99.89	12.00 RT	SRD CL CONST	CB-09	TYPE 'V' CATCH BASIN GUTTER INLET (ECCENTRIC D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: -1.21 (NE) - 18" HDPE	-3.21
13+23.78	11.00 RT	SRD CL CONST	CB-10	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: -0.75 (NE) - 18" HDPE	-2.42
14+89.67	16.00 LT	SRD CL CONST	YD-04	12" YARD DRAIN (NYLOPLAST DRAIN BASIN W/ STD GRATE OR APPROVED EQUAL)	INV: -1.51 (SW) - 12" HDPE	-2.01
14+89.67	0.50 RT	SRD CL CONST	D-11	MH TYPE P-8 (4.0' DIA) INDEX NO'S 425-001 & 425-010 TYPE II SKIMMER (NW & SE) CONNECT TO EXIST 24" PIPE (NW) CONNECT TO EXIST 24" PIPE (SE)	INV: -0.72 (SW) - 18" HDPE INV: -1.49 (NE) - 12" HDPE INV: 0.64 (NW) - EXIST. 24" PIPE & TRENCH INV: -0.82 (SE) - EXIST. 24" PIPE & TRENCH	-4.99
14+89.67	11.25 RT	SRD CL CONST	CI-11	TYPE P-6 CURB INLET (3.5' DIA) INDEXES 200 & 211	INV: -0.68 (NE) - 18" HDPE INV: 0.90 (SE) - 18" HDPE	-3.92
15+07.32	15.08 RT	SRD CL CONST	EX-CB-861	EXIST. CATCH BASIN CHANGE TOP WITH MH COVER, ADJUST TO PROP. GRADE & CONNECT 18" HDPE	INV: 0.88 (NW) - 18" HDPE	-1.12
17+16.64	11.25 RT	SRD CL CONST	CI-12	TYPE P-5 CURB INLET (3.5' DIA) INDEX 425-010 & 425-021	INV: 0.00 (NE) - 18" HDPE	-2.87
19+08.66	24.00 RT	SRD CL CONST	D-13	MH TYPE P-8 (3.5' DIA) INDEX 200 & 201	INV: 3.55 (SE) - 12" HDPE INV: 2.75 (NE) - 12" HDPE	0.75
19+08.66	11.00 RT	SRD CL CONST	CB-13	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7 TYPE II SKIMMER (SE)	INV: 2.50 (SE) - 18" HDPE INV: 0.74 (NE) - 18" HDPE INV: 2.75 (SW) - 12" HDPE	-2.76
19+61.00	24.00 RT	SRD CL CONST	CB-C1	PRECAST DITCH BOTTOM INLET TYPE C INDEX 425-010 & 425-052	INV: 4.12 (NW) - 12" HDPE	2.12
21+09.39	11.25 RT	SRD CL CONST	CI-14	TYPE P-5 CURB INLET (3.5' DIA) INDEXES 425-010 & 425-021	INV: 2.50 (NW) - 18" HDPE	0.50

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SUMMARY OF DRAINAGE STRUCTURES

SHEET NUMBER
 R-1400

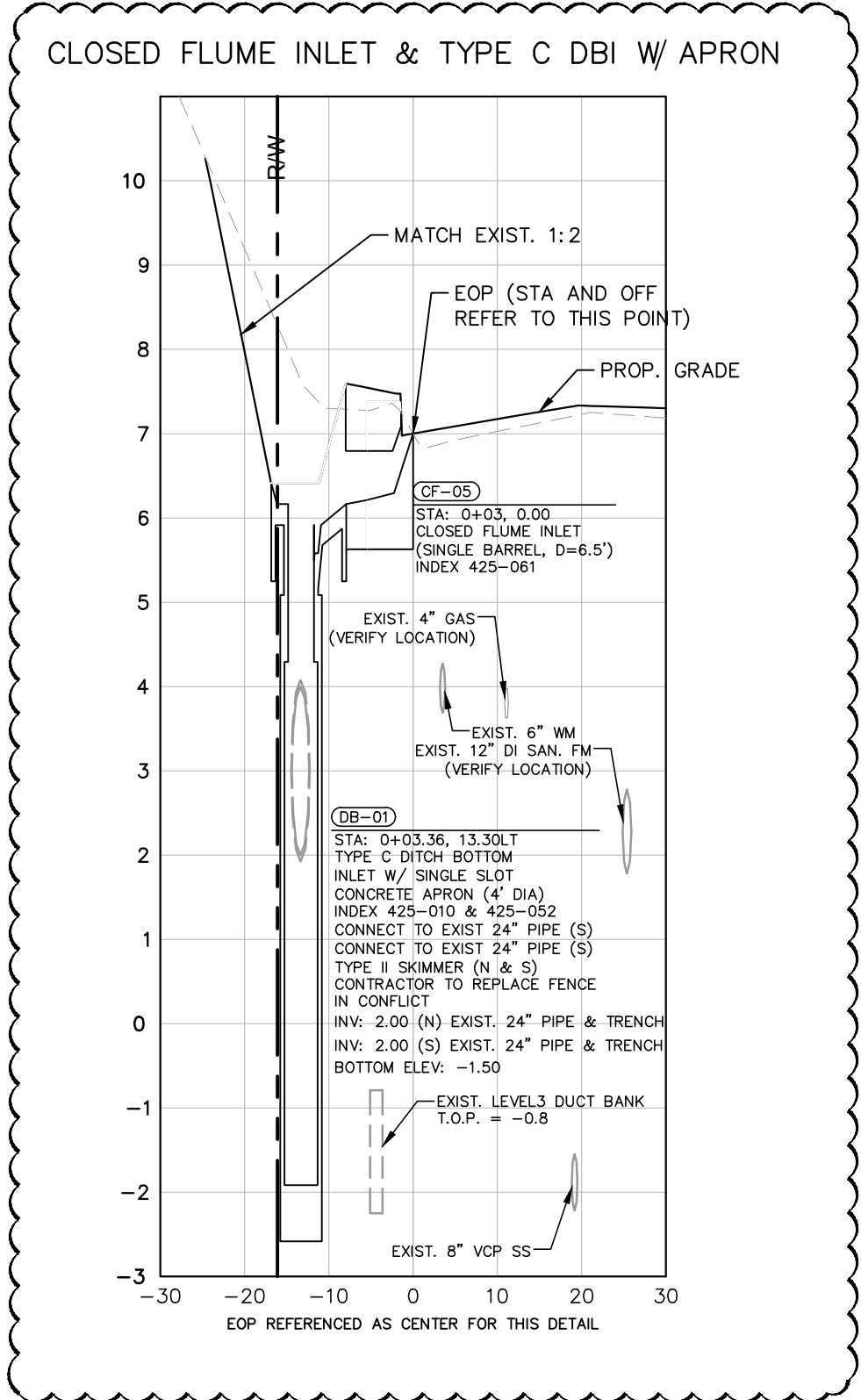
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STRUCTURE TABLE						
STATION	OFFSET FT	ALIGNMENT	STR. NO.	DESCRIPTION	CONNECTED PIPES	BOTTOM ELEV.
18+97.40	17.00 RT	NW 74TH AVE CL	CB-18	TYPE 'V' CATCH BASIN GUTTER INLET (3'W X 3'L BOTTOM) PER CITY OF MIAMI STANDARD DETAIL SD-4	INV: -1.52 (W) - 18" HDPE	-3.52
18+97.49	7.00 LT	NW 74TH AVE CL	D-17	MH TYPE P-8 (4' DIA) INDEX 425-001 & 425-010 TYPE II SKIMMER (N)	INV: -1.52 (E) - 18" HDPE INV: 2.90 (N) - 18" HDPE INV: 2.70 (W) - 18" HDPE	-3.52
18+97.49	16.63 LT	NW 74TH AVE CL	CI-17	CURB INLET TYPE J-6 (3.5'WX5'L) C-I-P CONFLICT STRUCTURE FOR 6" WM PIPE PER INDEX 425-080 INCLUDES 10" STEEL CASING PIPE	INV: 2.70 (E) - 18" HDPE INV: 0.68 (W) - 18" HDPE	-1.32
19+59.56	7.00 LT	NW 74TH AVE CL	D-18	MH TYPE P-8 (3.5' DIA) INDEX 425-001 & 425-010 TYPE II SKIMMER (N)	INV: 2.59 (S) - 18" HDPE	0.59
21+84.57	32.26 LT	NW 74TH AVE CL	D-00	MH TYPE J-8 (5.0' DIA) INDEX NO'S 425-001 & 425-010 CONNECT TO EXIST. 24" PIPE (N) CONNECT TO EXIST. 24" PIPE (S) VERIFY EXIST. PIPE INVERT	INV: -6.10 (E) - 24" HDPE INV: 2.00 (N) - EXIST. 24" PIPE & TRENCH INV: 2.00 (S) - EXIST. 24" PIPE & TRENCH	-8.10

SAN. CLEAN-OUTS TABLE		
STATION	OFFSET FT	ALIGNMENT
2+37.39	11.16 LT	SRD CL CONST
4+59.89	14.86 LT	SRD CL CONST
7+17.88	16.69 LT	SRD CL CONST
8+82.43	18.79 LT	SRD CL CONST
9+63.78	19.25 LT	SRD CL CONST
10+12.78	19.44 LT	SRD CL CONST
10+76.68	17.35 RT	SRD CL CONST
10+86.26	12.50 LT	SRD CL CONST
11+70.26	12.50 LT	SRD CL CONST
12+09.76	12.50 LT	SRD CL CONST
12+90.26	12.50 LT	SRD CL CONST

SAN. CLEAN-OUTS TABLE		
STATION	OFFSET FT	ALIGNMENT
13+46.26	12.50 LT	SRD CL CONST
13+69.26	17.38 RT	SRD CL CONST
13+79.26	12.50 LT	SRD CL CONST
15+17.26	20.39 RT	SRD CL CONST
15+18.76	12.50 LT	SRD CL CONST
15+75.26	13.00 LT	SRD CL CONST
16+31.26	17.40 RT	SRD CL CONST
16+78.26	13.00 LT	SRD CL CONST
17+45.26	13.00 LT	SRD CL CONST
17+82.76	17.41 RT	SRD CL CONST
17+96.13	22.50 RT	NW 74TH AVE CL

SAN. CLEAN-OUTS TABLE		
STATION	OFFSET FT	ALIGNMENT
18+53.66	13.00 LT	SRD CL CONST
18+85.16	13.00 LT	SRD CL CONST
19+66.41	17.43 RT	SRD CL CONST
19+91.16	16.00 LT	SRD CL CONST
20+40.66	16.00 LT	SRD CL CONST
21+22.06	16.00 LT	SRD CL CONST
22+55.39	12.85 LT	SRD CL CONST
22+92.39	12.15 LT	SRD CL CONST
23+34.72	13.93 LT	SRD CL CONST
23+70.63	11.36 LT	SRD CL CONST



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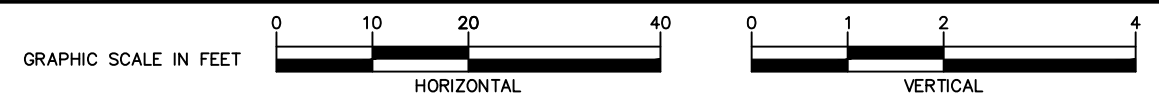
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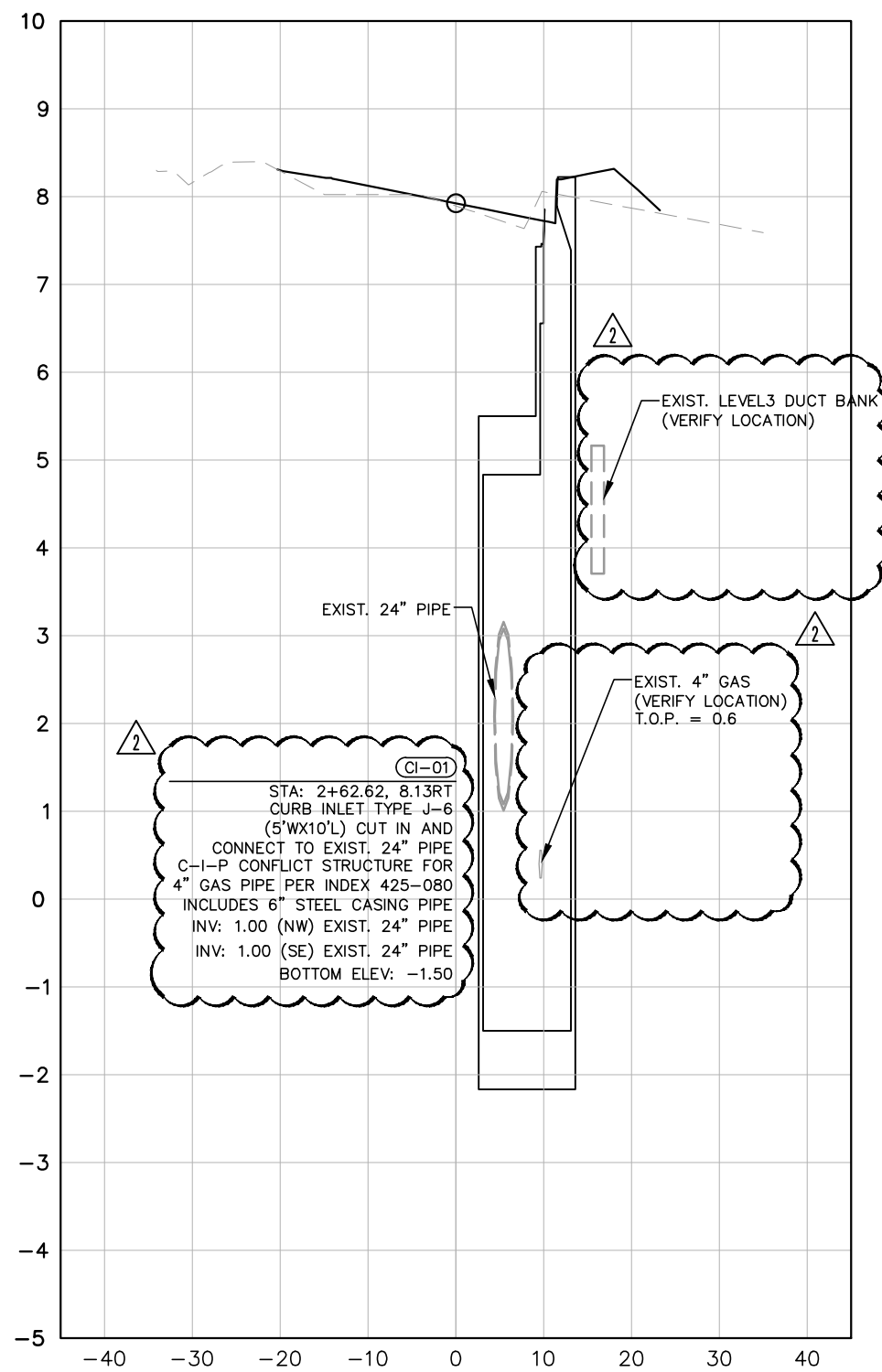
SUMMARY OF DRAINAGE STRUCTURES

SHEET NUMBER	R-1400A
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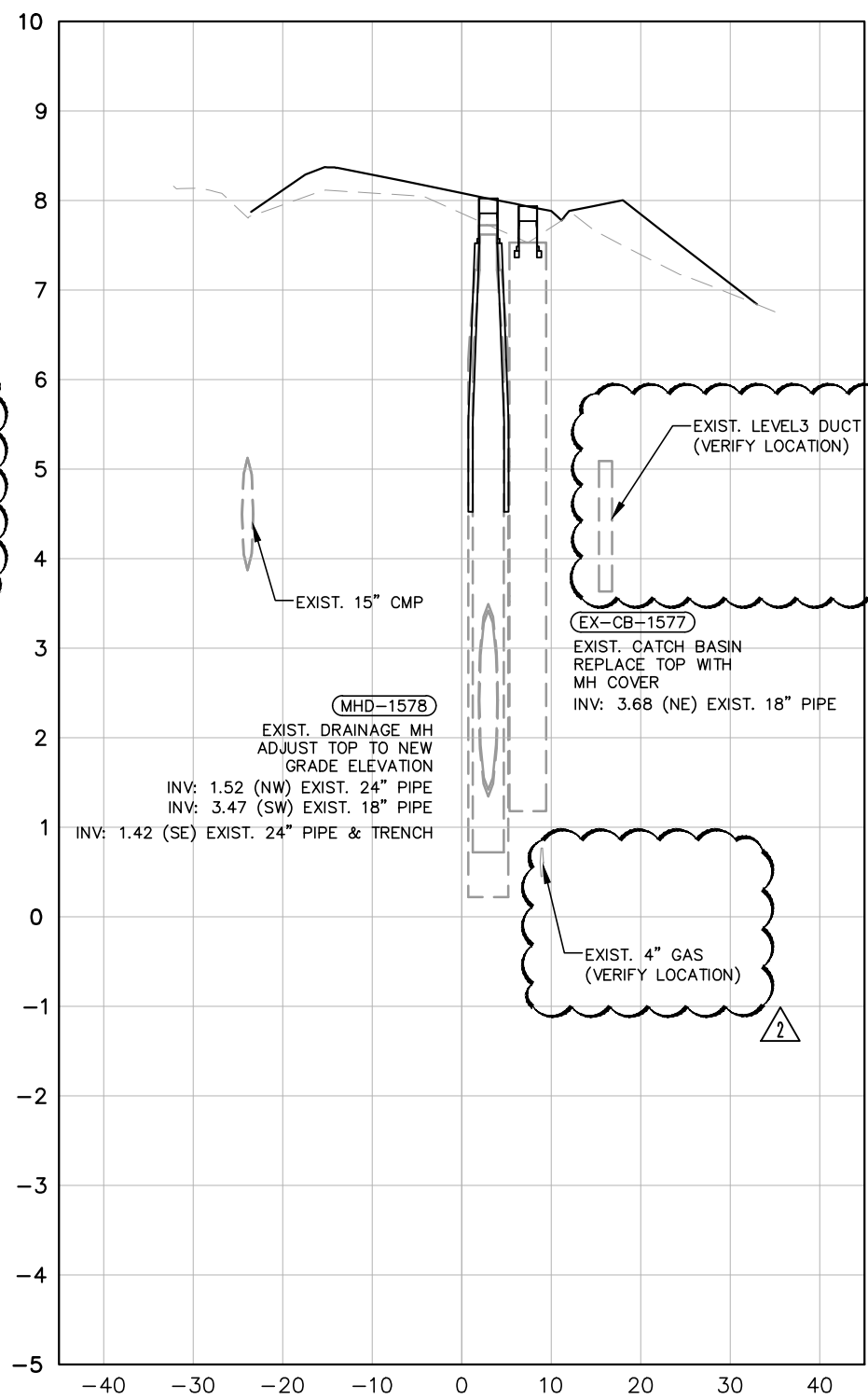
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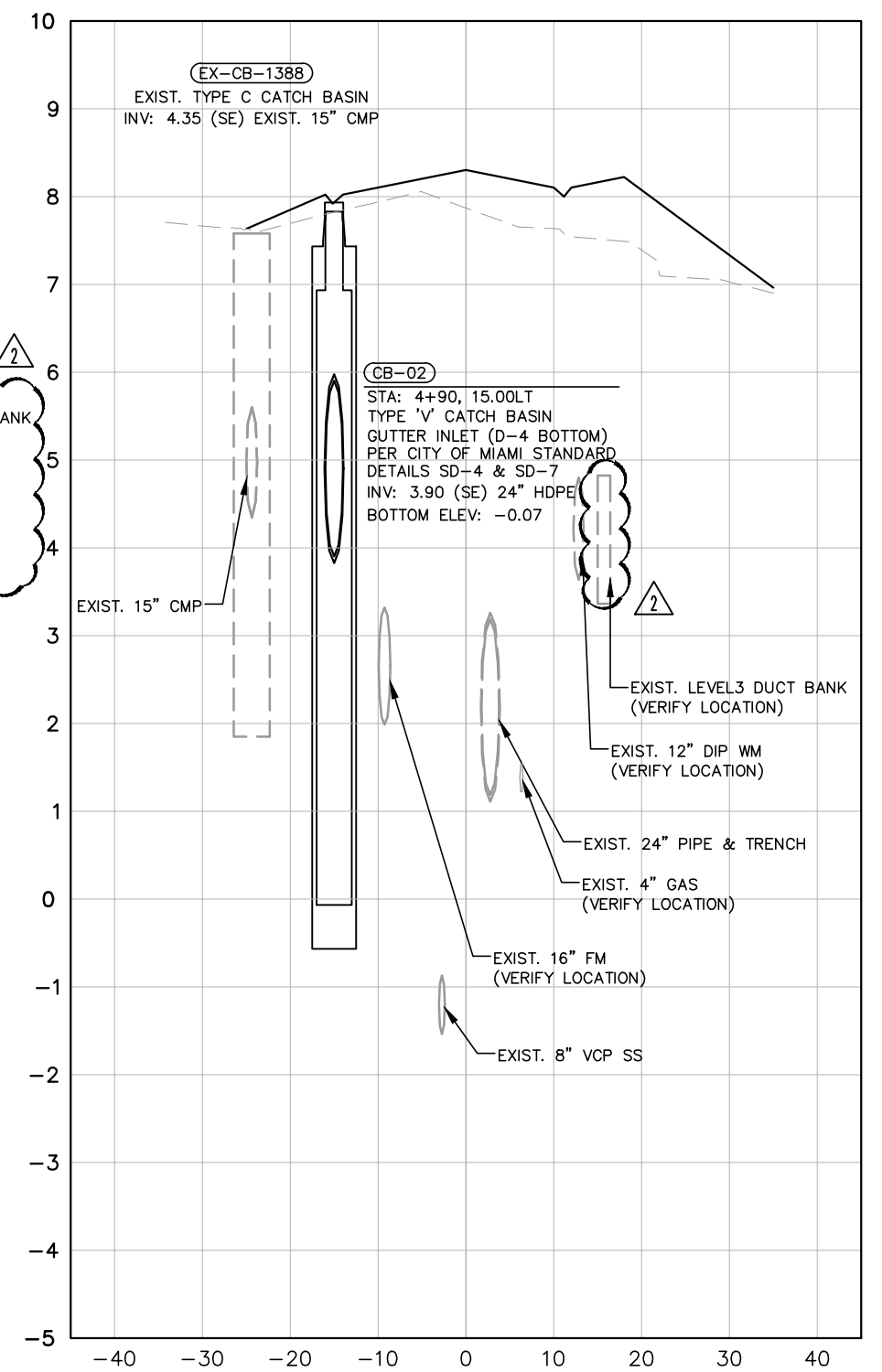
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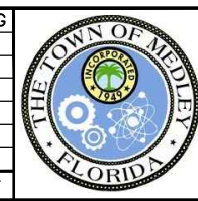
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SRD CL CONST 4+90



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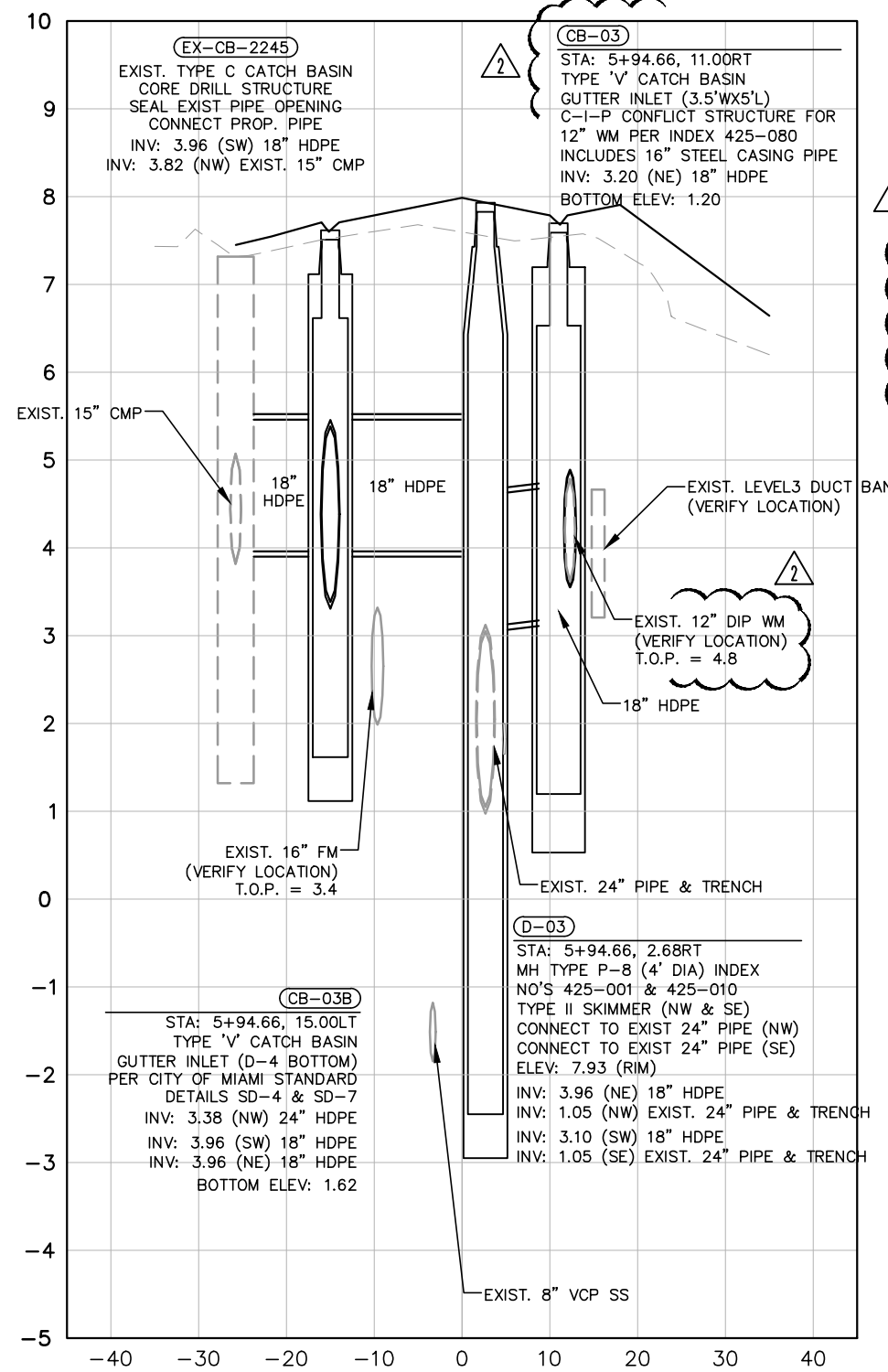
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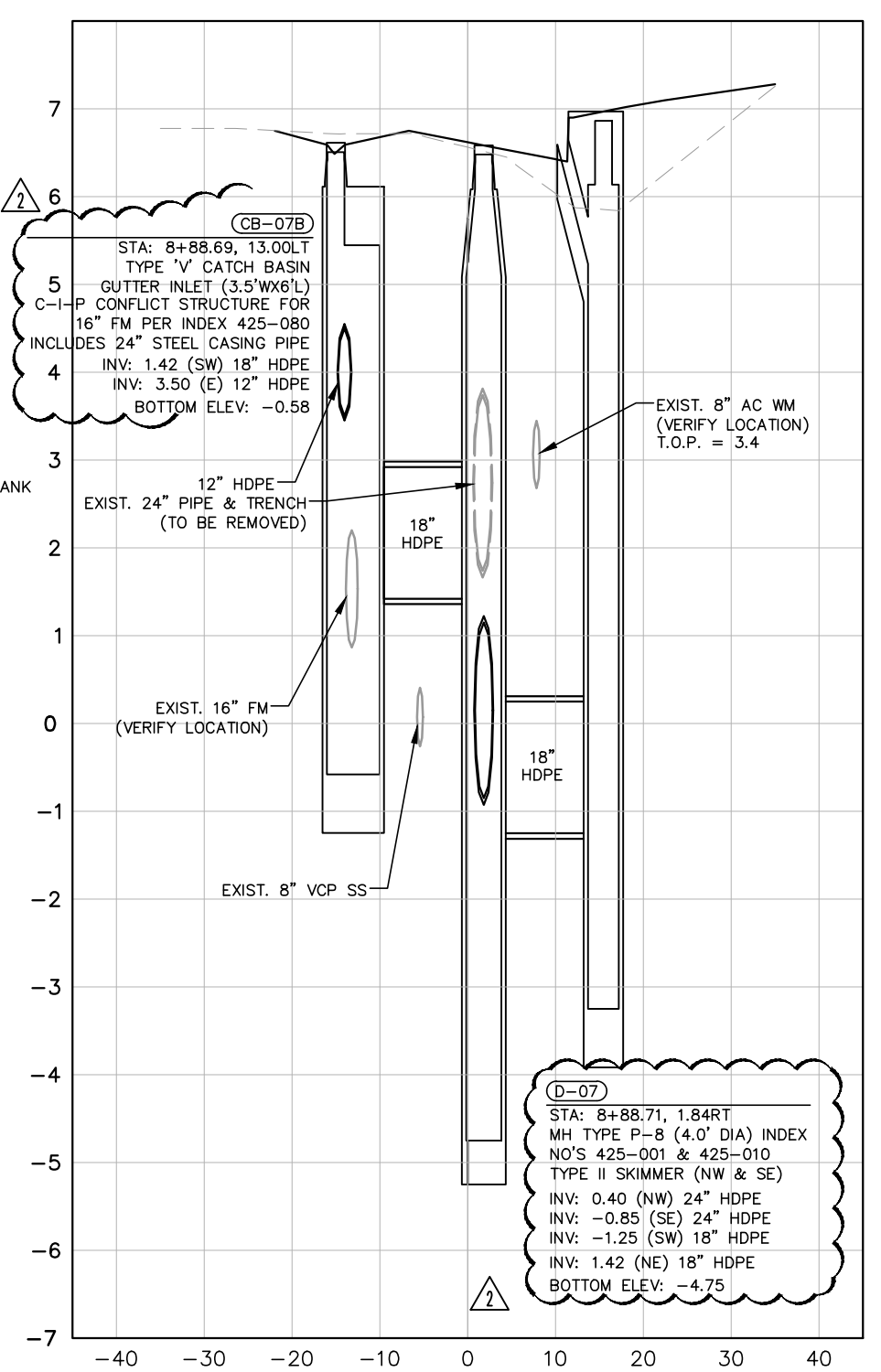
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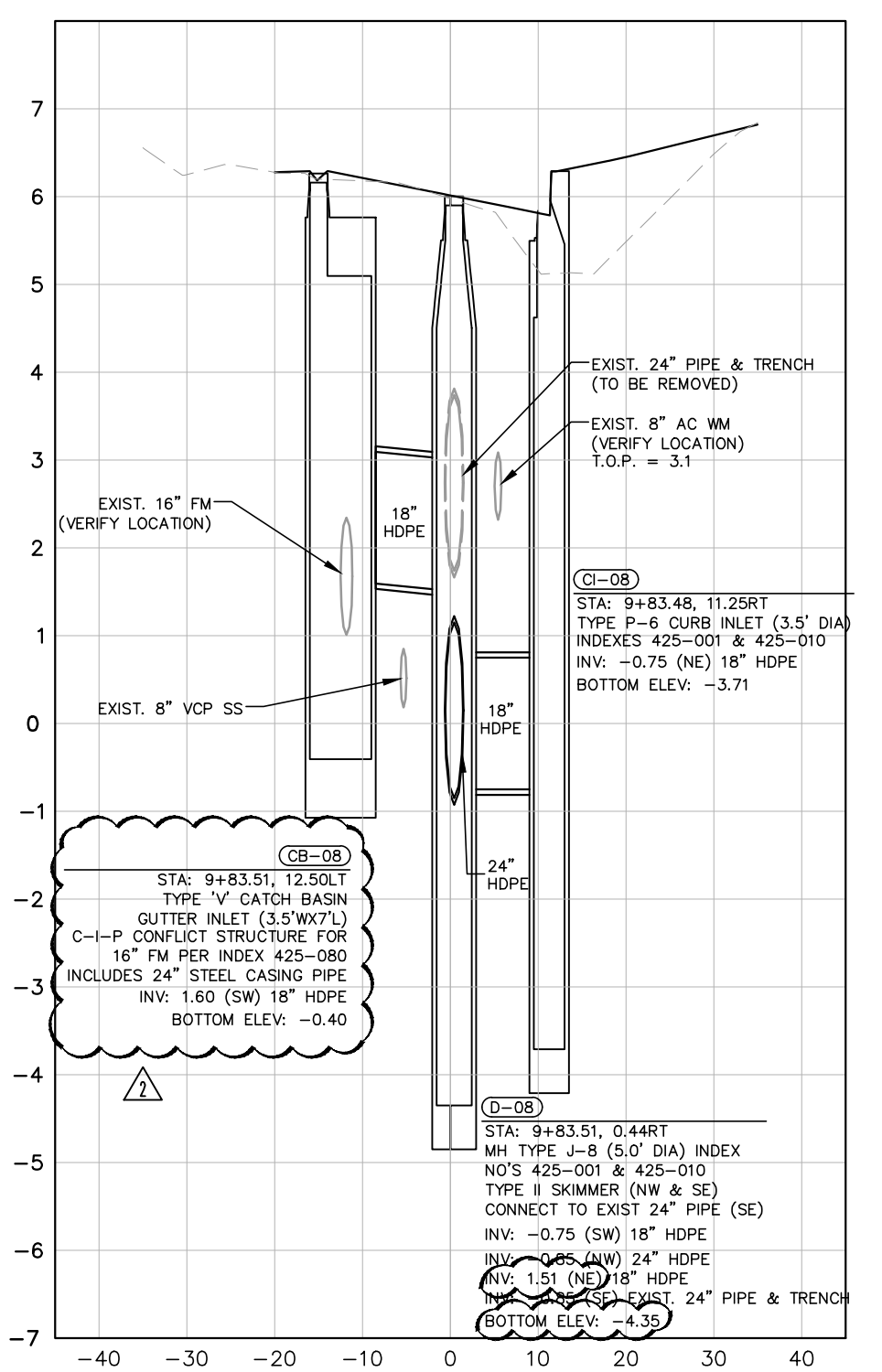
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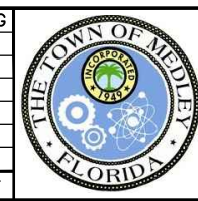
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SRD CL CONST 9+83.48



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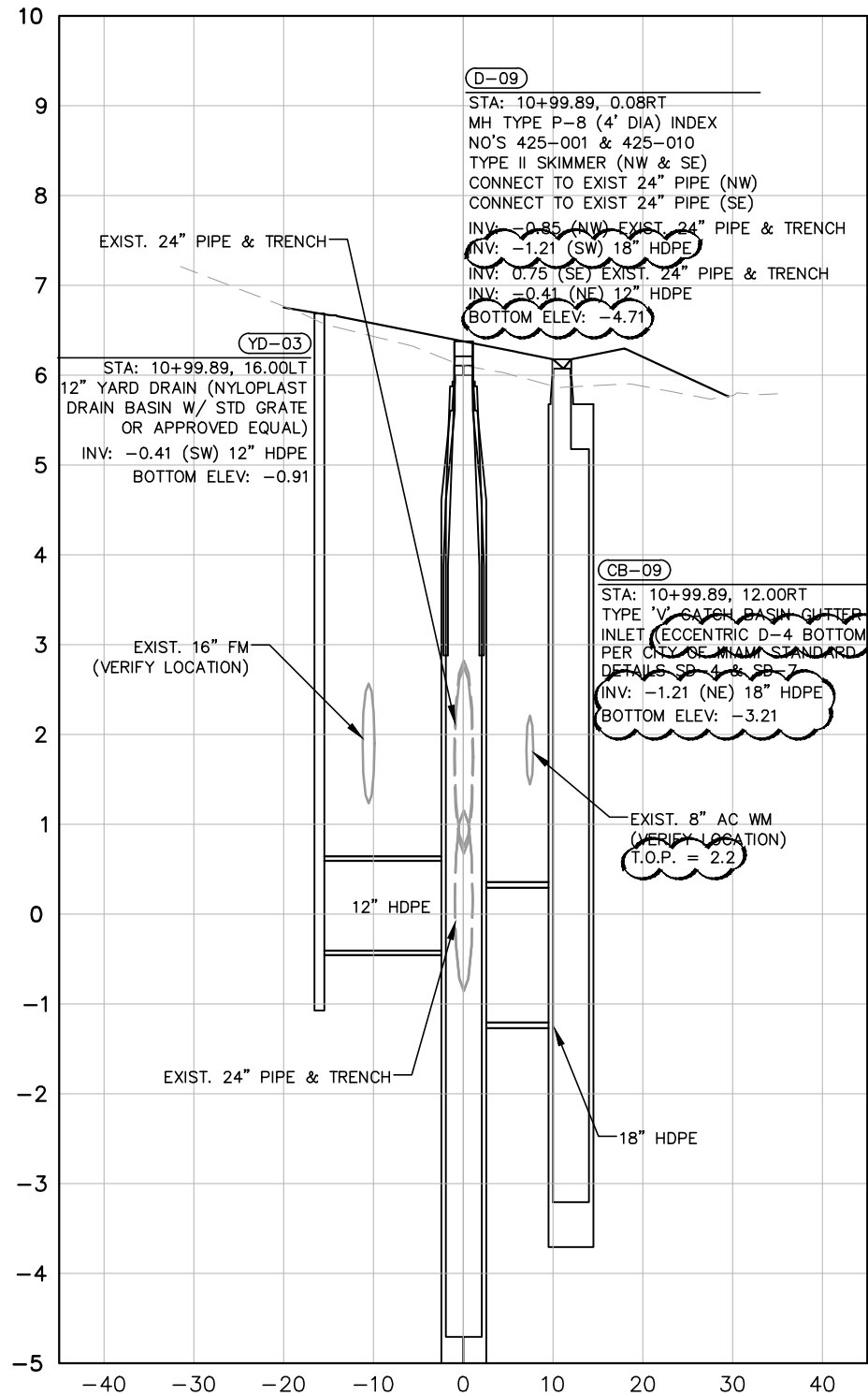
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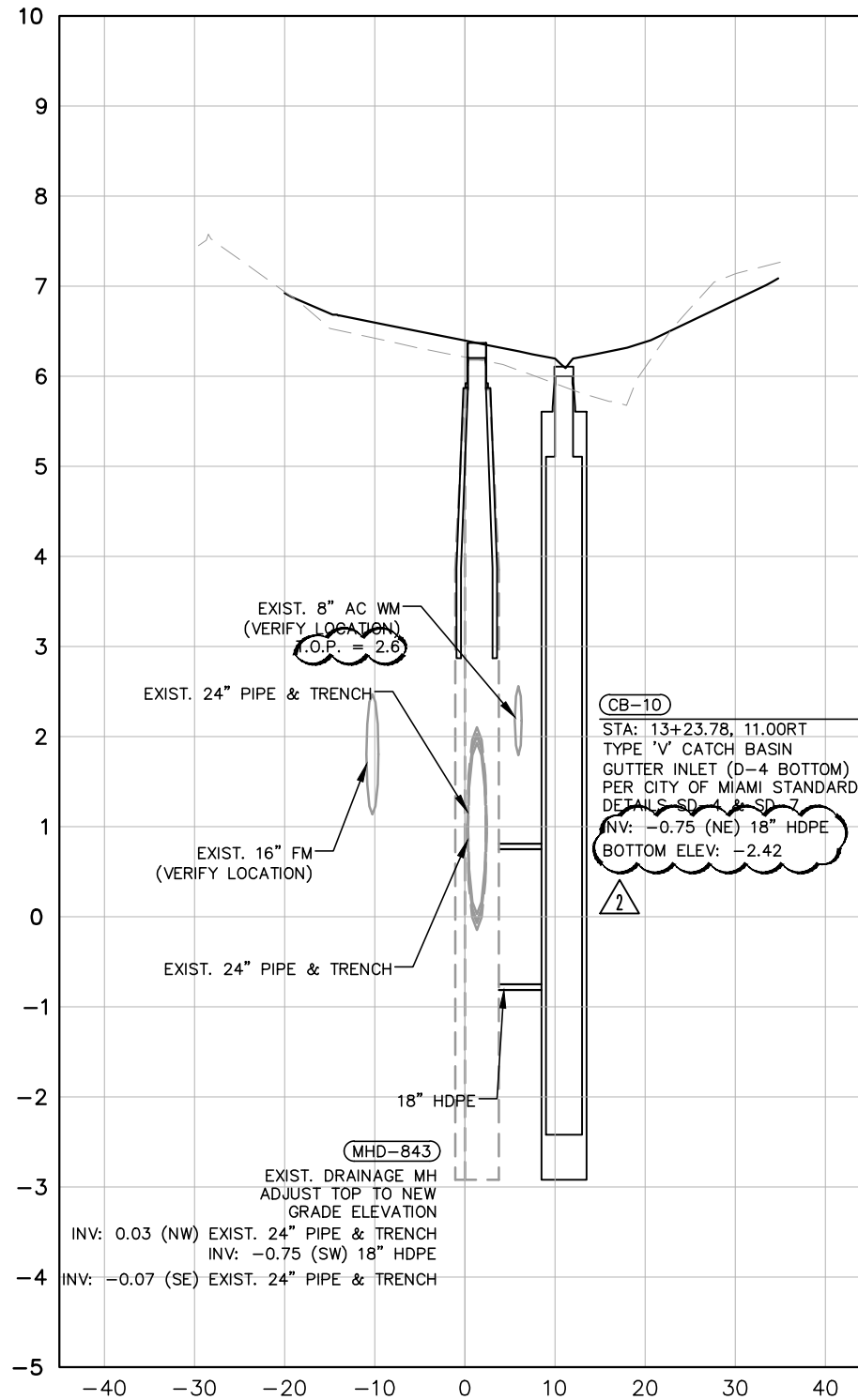
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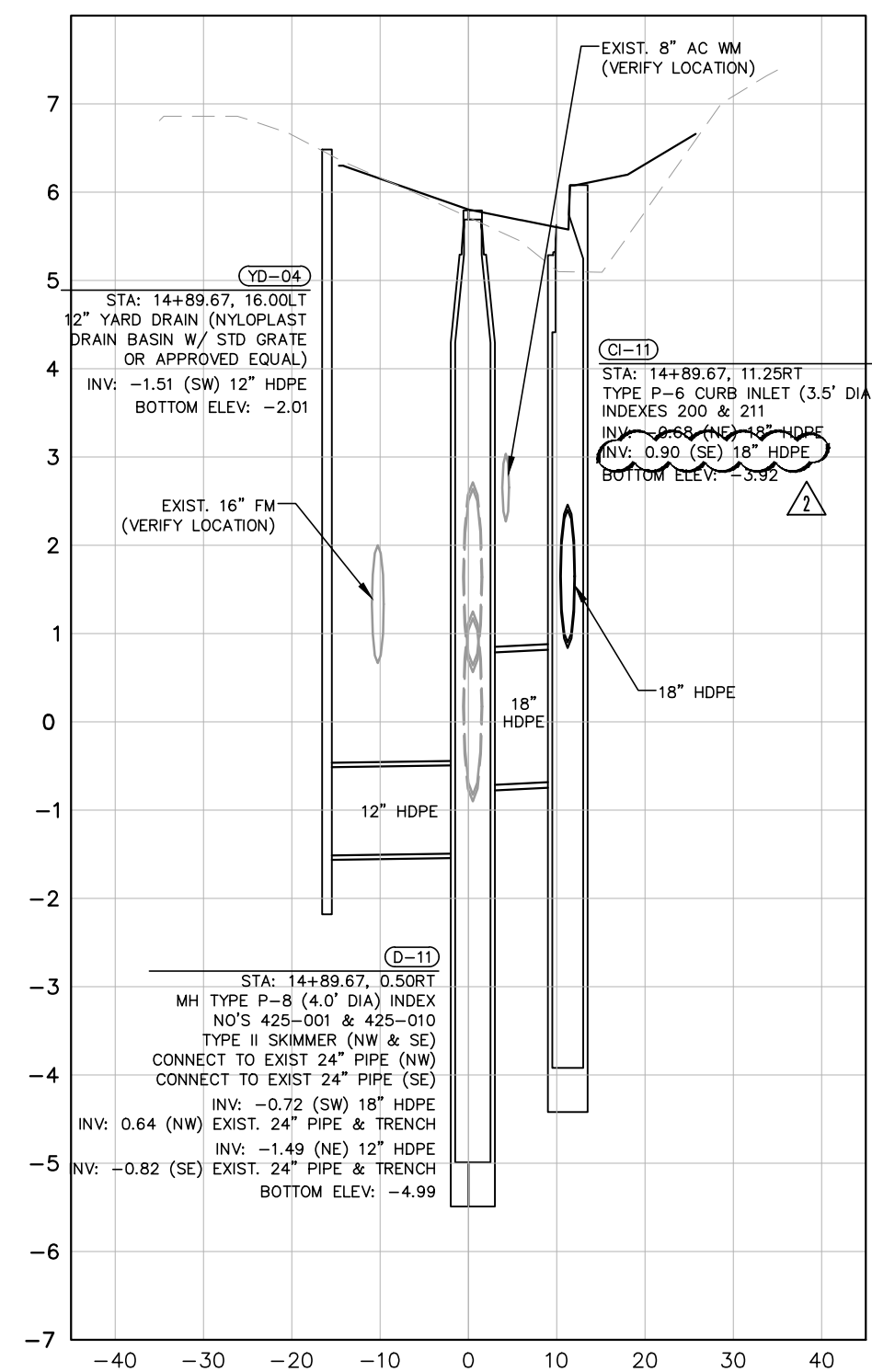
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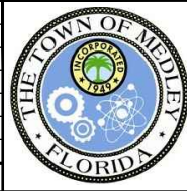
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SRD CL CONST 14+89.67



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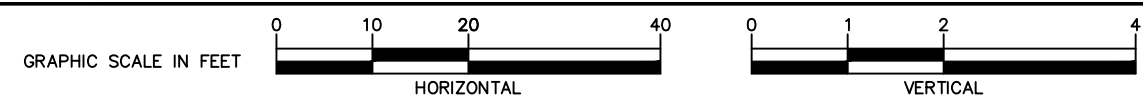
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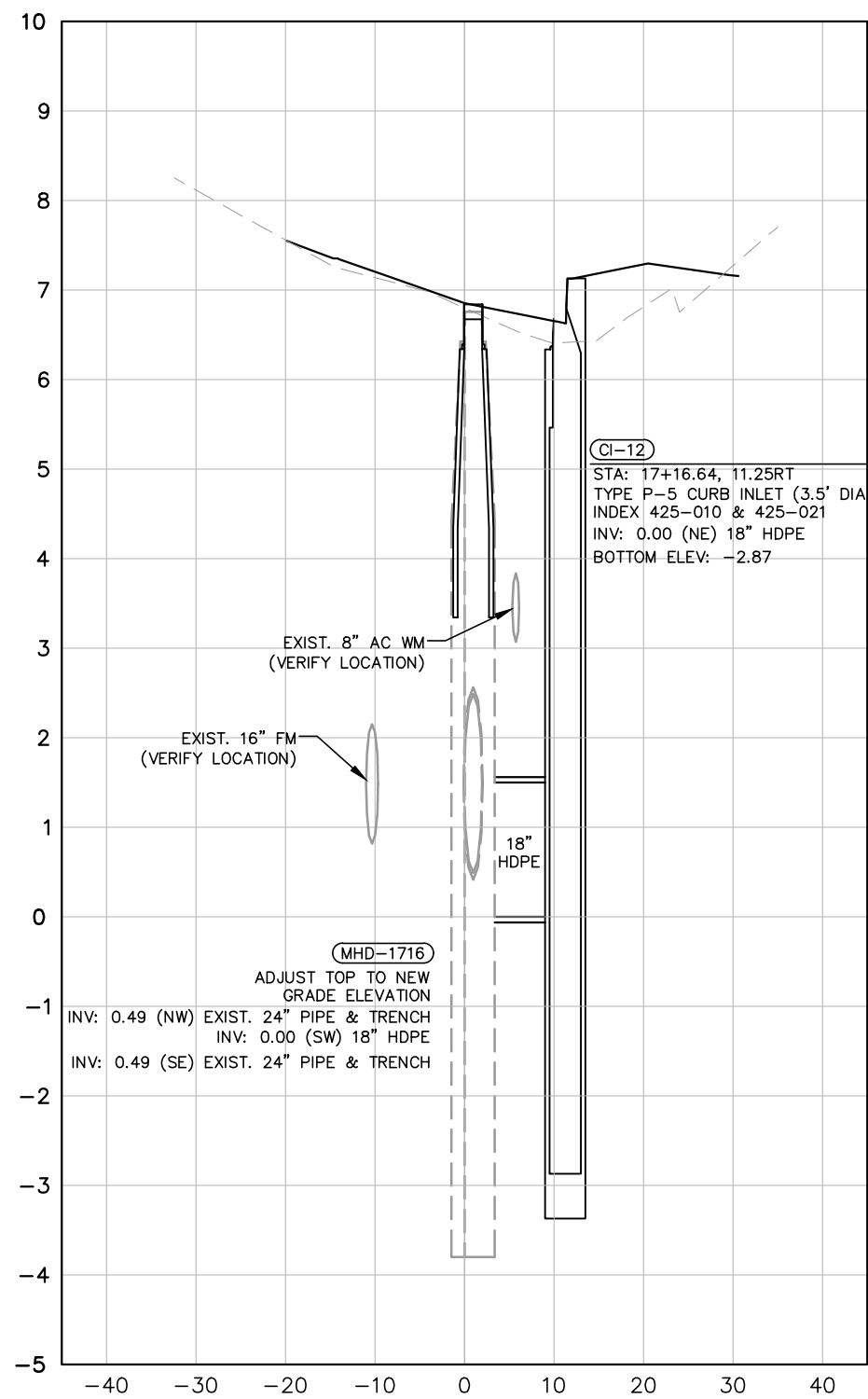
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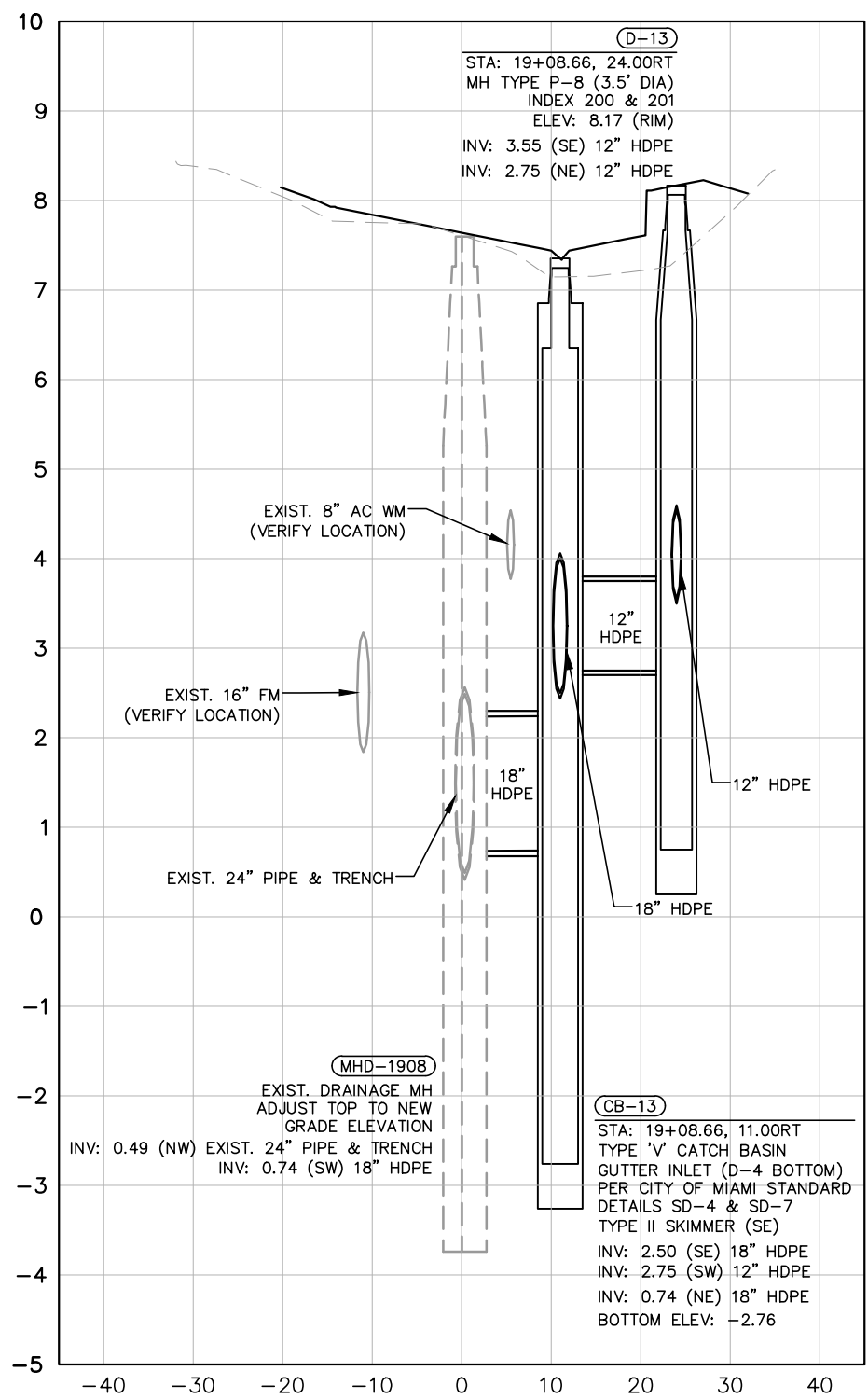
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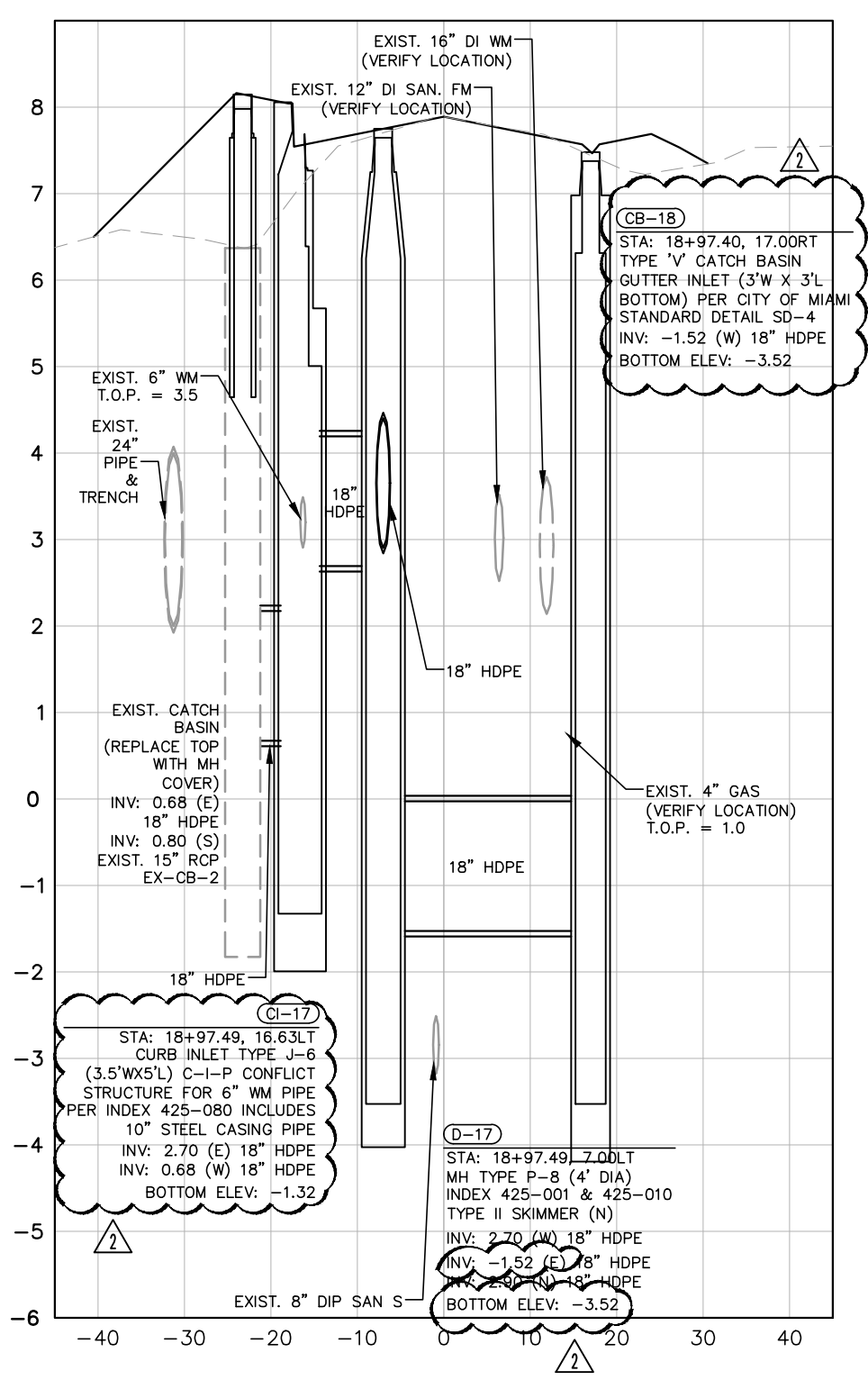
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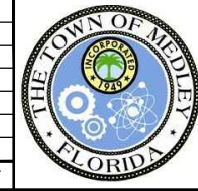
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NW 74TH AVE CL 18+97.49



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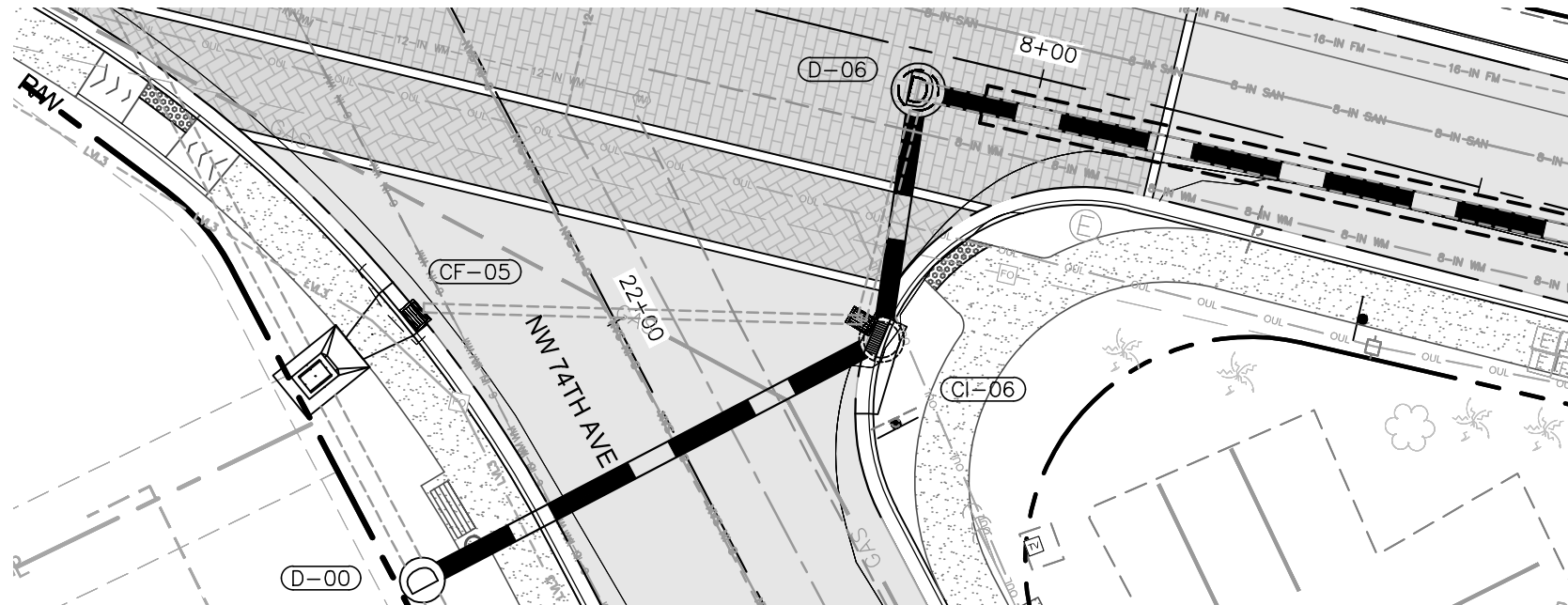
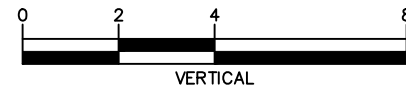
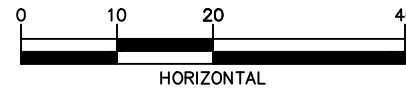
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R-1404

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-  MILLING, OVERBUILD & RESURFACING
-  MILLING & RESURF.
-  XX-XX DRAINAGE STR. NAME
-  (D) PROP. MANHOLE
-  PROP. PIPE
-  PROP. EXFILTRATION TRENCH
-  CONCRETE SWK
-  STAMPED ASPHALT

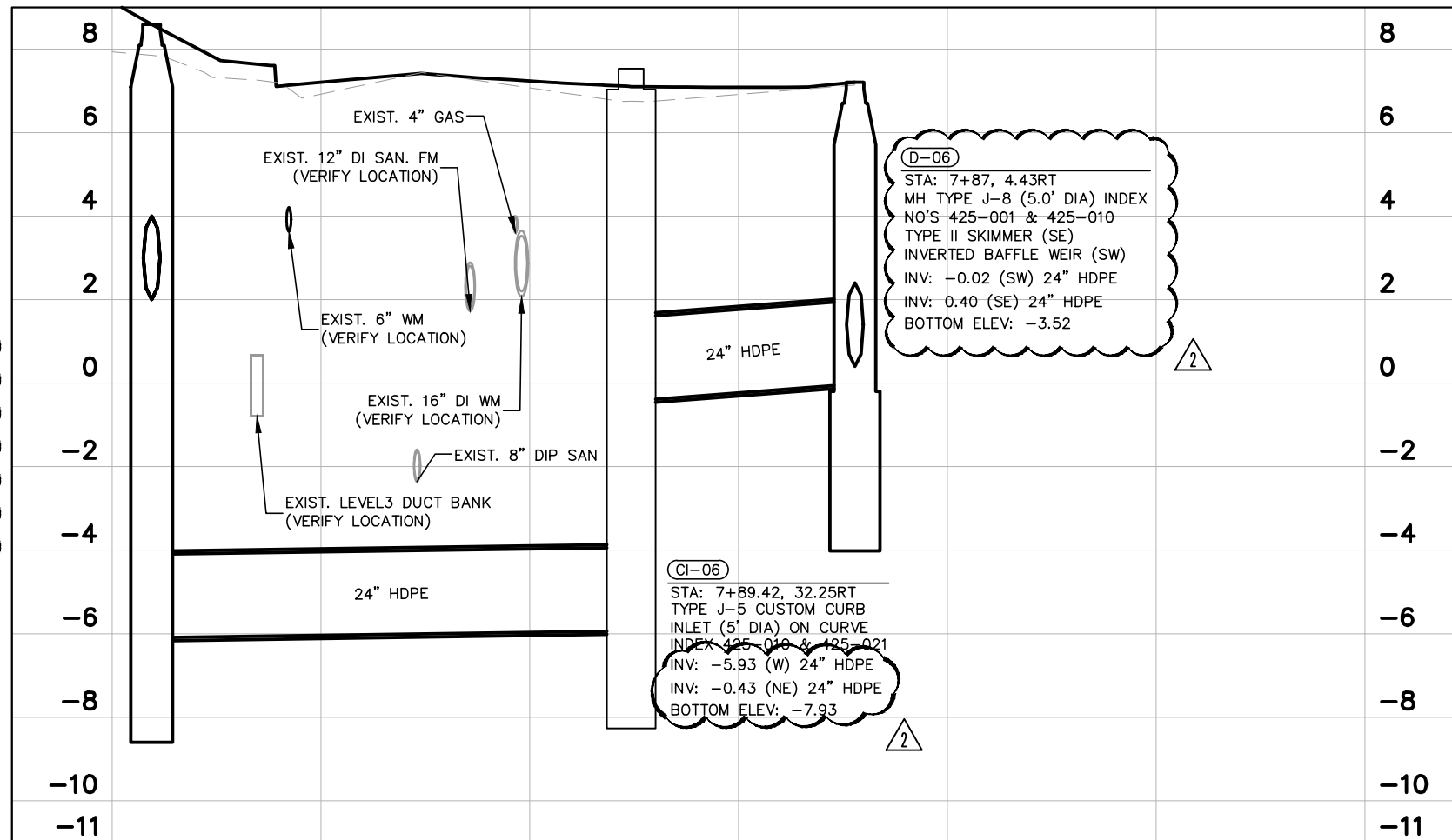


GRAPHIC SCALE IN FEET



2

D-00
 STA: 21+84.57, 32.26LT
 MH TYPE J-8 (5.0' DIA) INDEX
 NO'S 425-001 & 425-010
 CONNECT TO EXIST. 24" PIPE (N)
 CONNECT TO EXIST. 24" PIPE (S)
 VERIFY EXIST. PIPE INVERT
 INV: 2.00 (N) EXIST. 24" PIPE & TRENCH
 INV: -6.10 (E) 24" HDPE
 INV: 2.00 (S) EXIST. 24" PIPE & TRENCH
 BOTTOM ELEV: -8.10



D-06
 STA: 7+87, 4.43RT
 MH TYPE J-8 (5.0' DIA) INDEX
 NO'S 425-001 & 425-010
 TYPE II SKIMMER (SE)
 INVERTED BAFFLE WEIR (SW)
 INV: -0.02 (SW) 24" HDPE
 INV: 0.40 (SE) 24" HDPE
 BOTTOM ELEV: -3.52

CI-06
 STA: 7+89.42, 32.25RT
 TYPE J-5 CUSTOM CURB
 INLET (5' DIA) ON CURVE
 INDEX 425-010 & 425-021
 INV: -5.93 (W) 24" HDPE
 INV: -0.43 (NE) 24" HDPE
 BOTTOM ELEV: -7.93

2	SUE UPDATE	02.01.19	JPG
No.	REVISIONS	DATE	BY



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KHA PROJECT
 043637031
 DATE
 FEB 2019
 SCALE AS SHOWN
 DESIGNED BY B/JF
 DRAWN BY JPG
 CHECKED BY B/JF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 FLORIDA DATE: _____

DRAINAGE PROFILES

SHEET NUMBER
R-1404

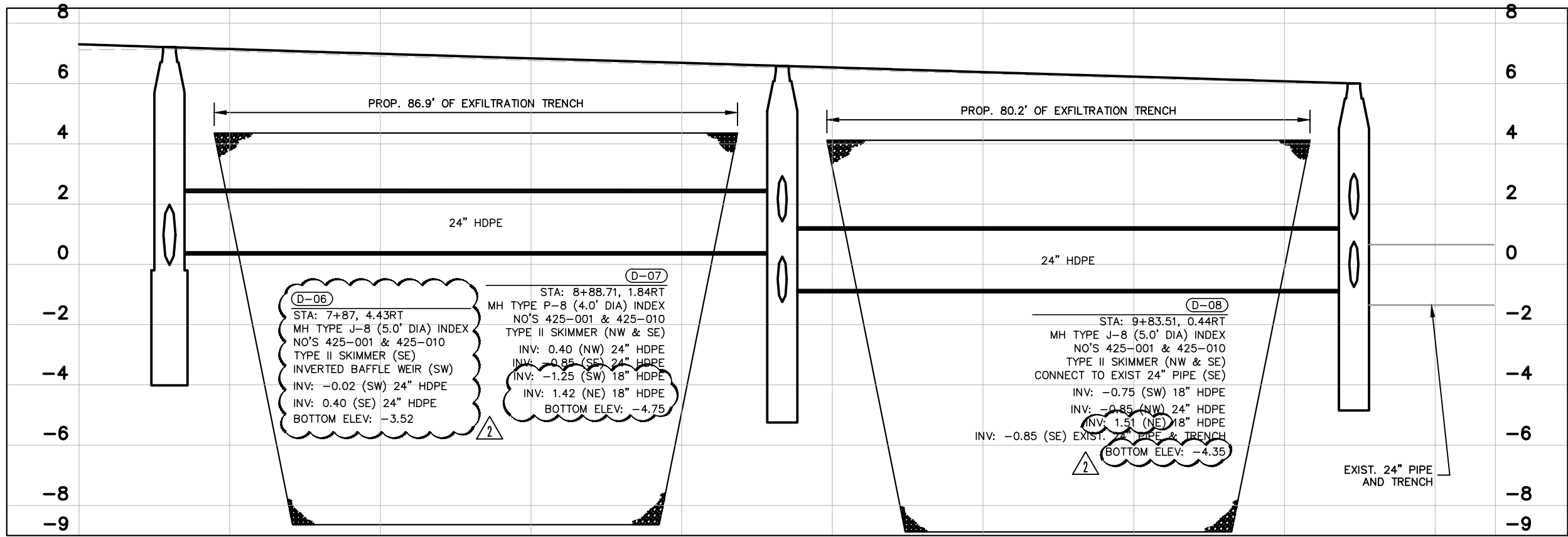
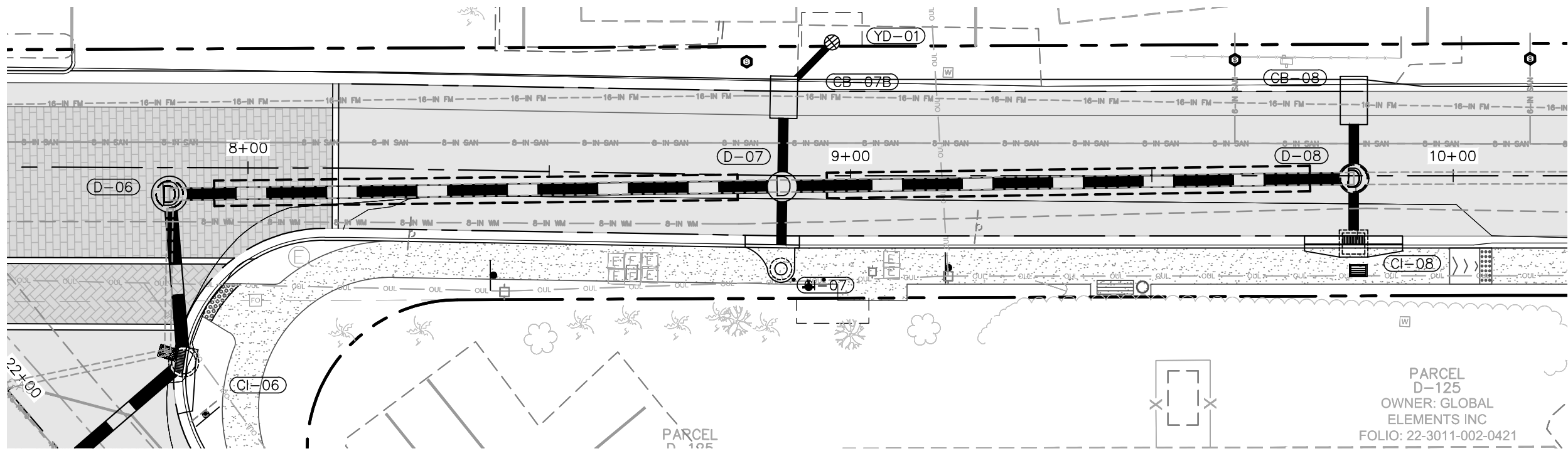
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MILLING, OVERBUILD & RESURFACING
 XX-XX DRAINAGE STR. NAME
 PROP. PIPE
 CONCRETE SWK
 MILLING & RESURF.
 D PROP. MANHOLE
 PROP. EXFILTRATION TRENCH
 STAMPED ASPHALT

NORTH
 GRAPHIC SCALE IN FEET

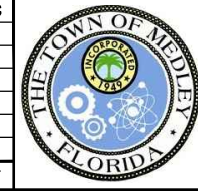
HORIZONTAL

VERTICAL



DRAINAGE PROFILE II

No.	REVISIONS	DATE	BY
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KHA PROJECT 043637031
DATE FEB 2019
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112

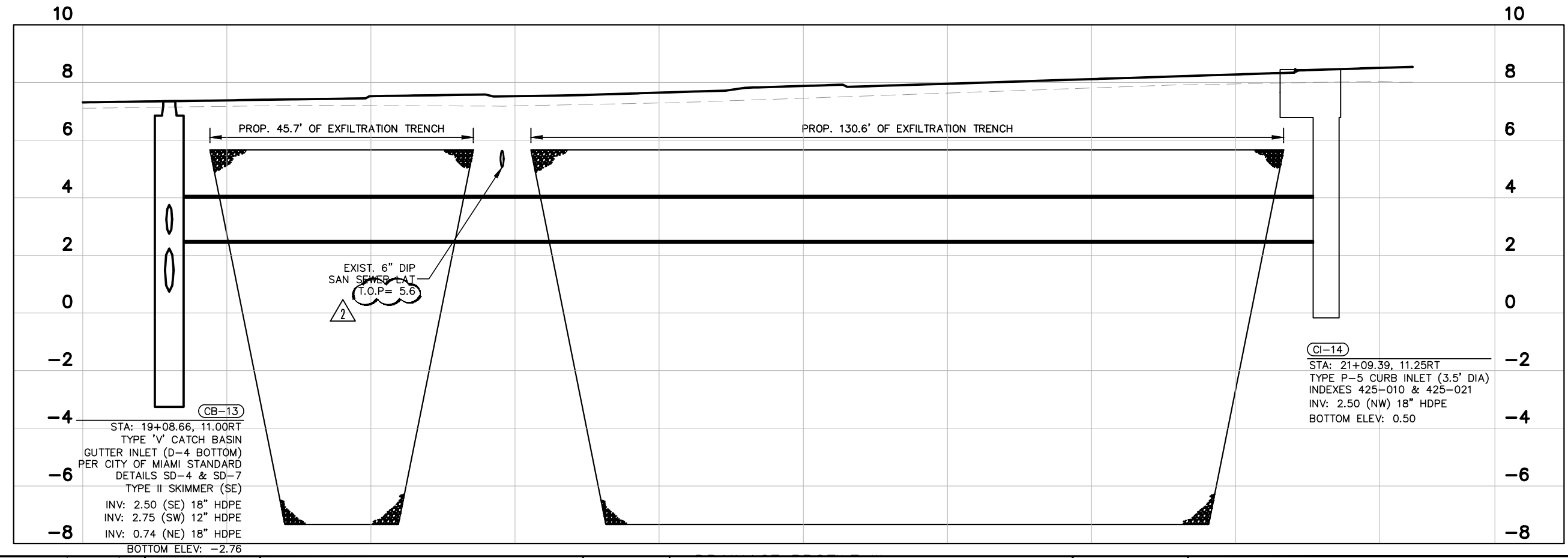
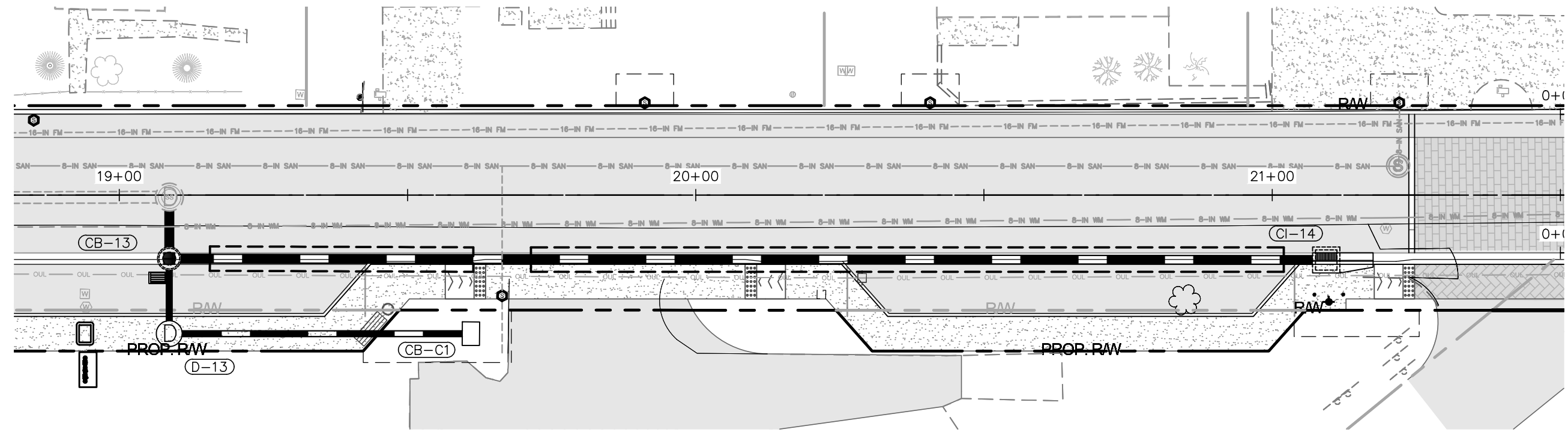
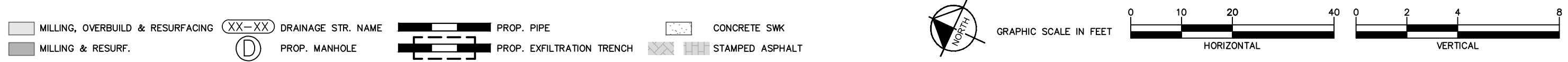
PREPARED FOR
TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
BARTON J. FYE, P.E.
73898
DATE: _____

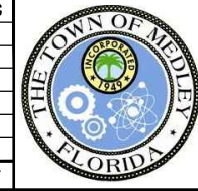
DRAINAGE PROFILES

SHEET NUMBER
R-1405

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1406 DRAINAGE PROFILES February 04, 2019 12:01:05pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1400_DRAINAGE_STRUCTURES.dwg
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KHA PROJECT	043637031
DATE	FEB 2019
SCALE	AS SHOWN
DESIGNED BY	BJF
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CHECKED BY	BJF

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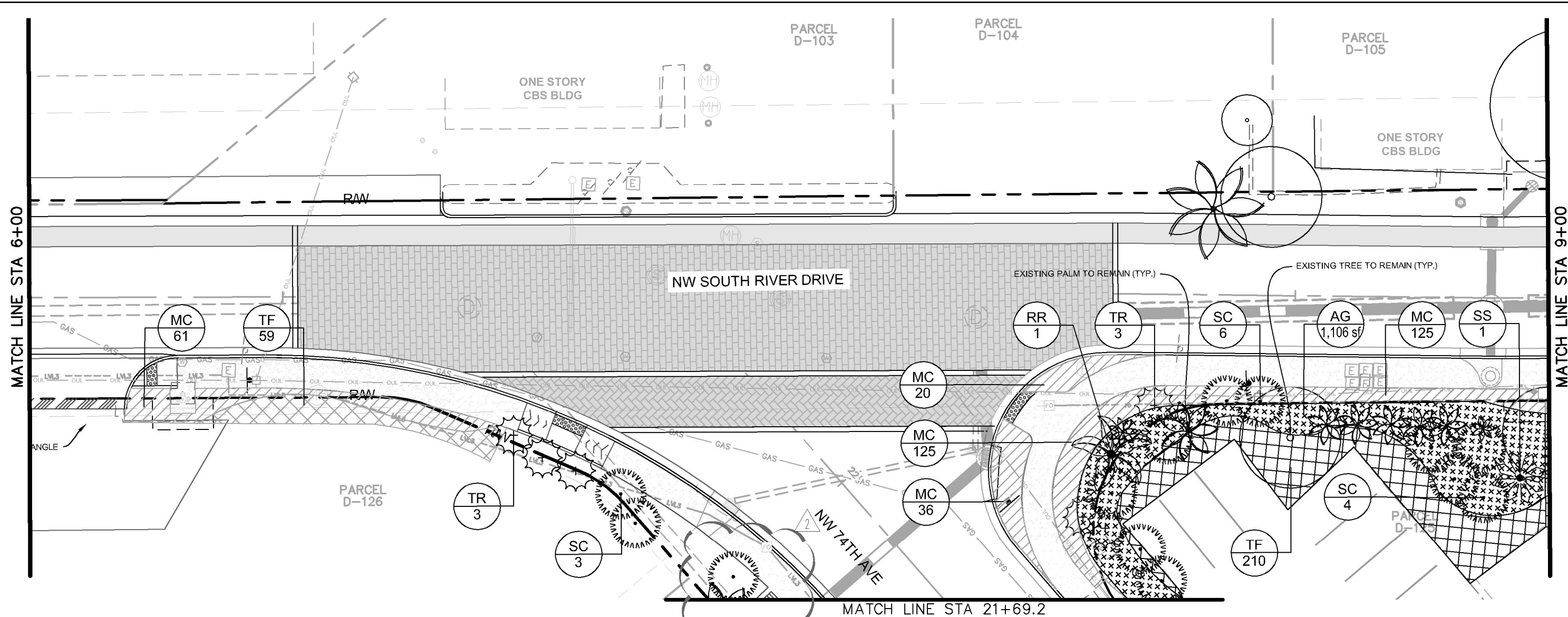
LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

DRAINAGE PROFILES

SHEET NUMBER
R-1406

Plotted By: Alcide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1302 LANDSCAPE PLAN January 31, 2019 03:39:25pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\Landscape\CADD\PlanSheets\L-1904 LANDSCAPE PLAN.dwg

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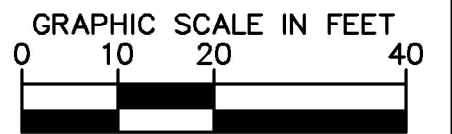
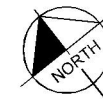


PLANT SCHEDULE L-1302

PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE
	RR	1	ROYSTONIA REGIA	ROYAL PALM	FG	25' GW	35' - 40' HT.	YES
	SS	2	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35' C.T.	YES
	TR	6	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	12	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	242	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
	TF	269	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	1,106 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

Notes:

- Planting proposed to be planted outside of the proposed R.O.W. must only be planted with the lot/home owners written permission.
- All newly created landscape areas and existing landscape areas disturbed by construction shall be leveled and covered with solid sod according to the specifications herein unless indicated to be planted with shrubs or groundcovers.
- (8) Nine total benches and (8) nine total trash receptacles to be installed on 3' x 10' concrete sidewalk slab (Refer to Civil Plans for Locations)
- Contractor shall insure all plant material receives appropriate water throughout the guarantee period so plant material thrives and establishes readily. Plants shall be irrigated utilizing a water truck until fully established after installation.
- Contractor shall verify in field all existing infrastructure to remain and shall insure final layout of plant material complies with FDOT Standard Index #544 and #546 in order to maintain required sight lines. Final placement of plant material shall be reviewed in the field prior to final installation. Bed lines of perennial peanut and grasses may be adjusted slightly based upon on-site conditions to reconcile any potential unforeseen conflicts from verified site conditions.
- Minimum Clear Zone shall be 4'-0" from the face of curb to trees.



No.	REVISIONS	DATE	BY
1	SUE Update	01/31/19	



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DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

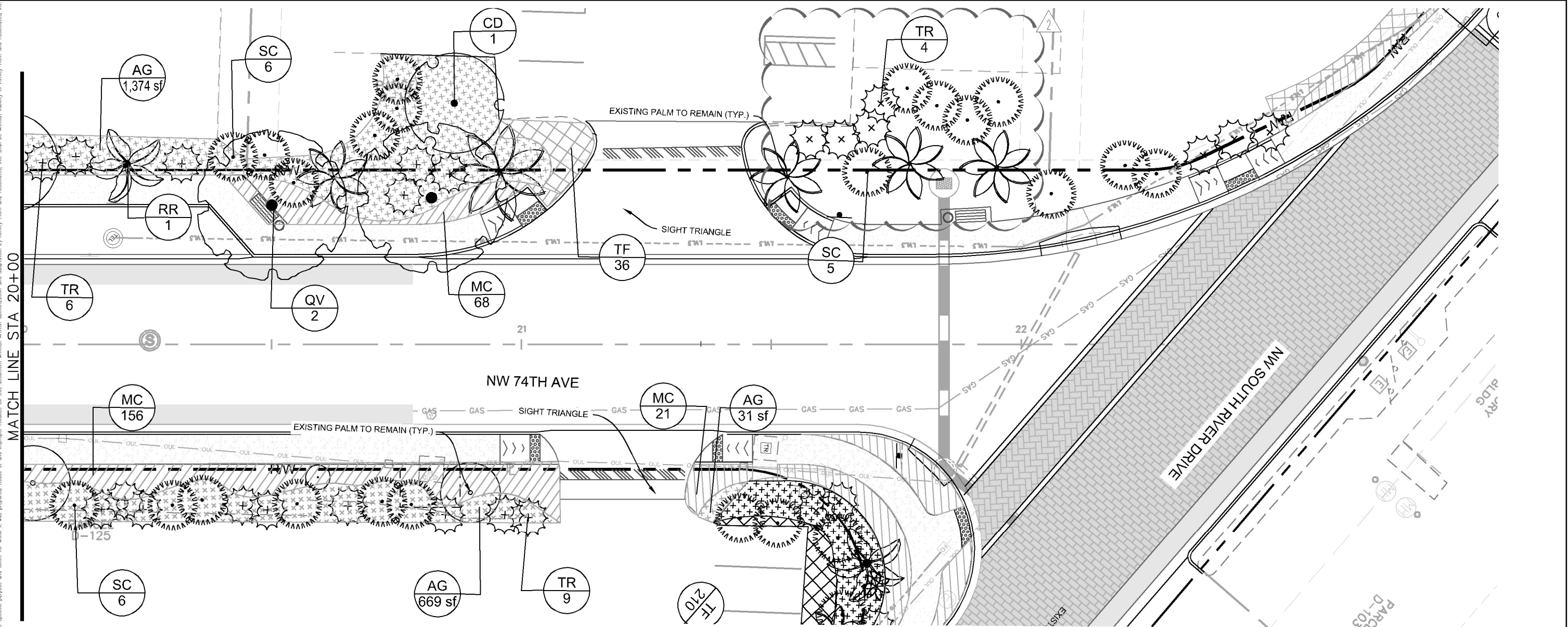
LICENSED PROFESSIONAL
 GEORGE E. PUIG, PLA
 #0001706

LANDSCAPE PLAN

SHEET NUMBER
L-1302

TOWN OF MEDLEY FLORIDA DATE: _____

Plotted By: Alcaide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1310 LANDSCAPE PLAN January 31, 2019 02:00:13pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\Landscape\CADD\PlanSheets\L-1310 LANDSCAPE PLAN.dwg



PLANT SCHEDULE L-1310

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIV
	CD	1	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES
	QV	2	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	FG	12" CAL MIN	20'-25" HT MIN.	YES
	RR	2	ROYSTONEA REGIA	ROYAL PALM	FG	25' GW	35' - 40' HT.	YES
	TR	19	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
	SC	17	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
	MC	245	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
	TF	36	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES

GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	NATIVE
	AG	2,073 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

PROPOSED TREE/CATEGORY	SIZE	QT.	NATIVE	POINTS	TOTAL PTS. (S.F.)
Shade Tree 1:					
Coccoloba diversifolia	14" OAH	21	Yes	500	10,500
Cordia alliodora	14" OAH	1	Yes	500	500
Quercus virginiana	20" OAH	5	Yes	500	2,500
Taxodium distichum	20" OAH	2	Yes	500	1,000
Palm Tree 1:					
Roystonea regia	10" CT	11	Yes	300	3,300
Total Trees Proposed: 29					
Total Percent Native: 100%					
Total Percent Palms: 38%					
TOTAL MITIGATION POINTS:					7,300.00
TOTAL MITIGATION REQUIRED:					2,479.00
DIFFERENCE:					+4,821.00

Please note: if more than ten (10) trees (based on the categories listed above) are required to be planted then a minimum of fifty (50) percent of all replacement trees shall be native to Miami-Dade County and no more than thirty (30) percent of the replacement trees shall be palms.



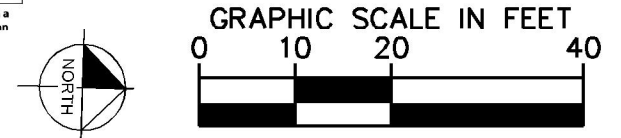
PLANTING MITIGATION GUIDELINES

Use this table to calculate the planting requirements of your Tree Removal/Relocation Permit

If you plant as:	With this minimum height:	Credit obtained in square feet (sq.ft.):
Shade (Hardwood) Tree 1	Minimum 12' Overall Height	500
Shade (Hardwood) Tree 2	Minimum 8' Overall Height	300
Palm Tree 1	Minimum 10' Clear Trunk	300
Palm Tree 2	Minimum 3' Clear Trunk	100
Small Tree	Minimum 6' Overall Height	200

Please note: if more than ten (10) trees (based on the categories listed above) are required to be planted then a minimum of fifty (50) percent of all replacement trees shall be native to Miami-Dade County and no more than thirty (30) percent of the replacement trees shall be palms. However, when native trees are removed, all replacement trees shall be native species.

- Notes:
- Planting proposed to be planted outside of the proposed R.O.W. must only be planted with the lot/home owners written permission.
 - All newly created landscape areas and existing landscape areas disturbed by construction shall be leveled and covered with solid sod according to the specifications herein unless indicated to be planted with shrubs or groundcovers.
 - (8) Nine total benches and (8) nine total trash receptacles to be installed on 3' x 10' concrete sidewalk slab (Refer to Civil Plans for Locations)
 - Contractor shall insure all plant material receives appropriate water throughout the guarantee period so plant material thrives and establishes readily. Plants shall be irrigated utilizing a water truck until fully established after installation.
 - Contractor shall verify in field all existing infrastructure to remain and shall insure final layout of plant material complies with FDOT Standard Index #544 and #546 in order to maintain required sight lines. Final placement of plant material shall be reviewed in the field prior to final installation. Bed lines of perennial peanut and grasses may be adjusted slightly based upon on-site conditions to reconcile any potential unforeseen conflicts from verified site conditions.
 - Minimum Clear Zone shall be 4'-0" from the face of curb to trees.



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	MW
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CHECKED BY	GP

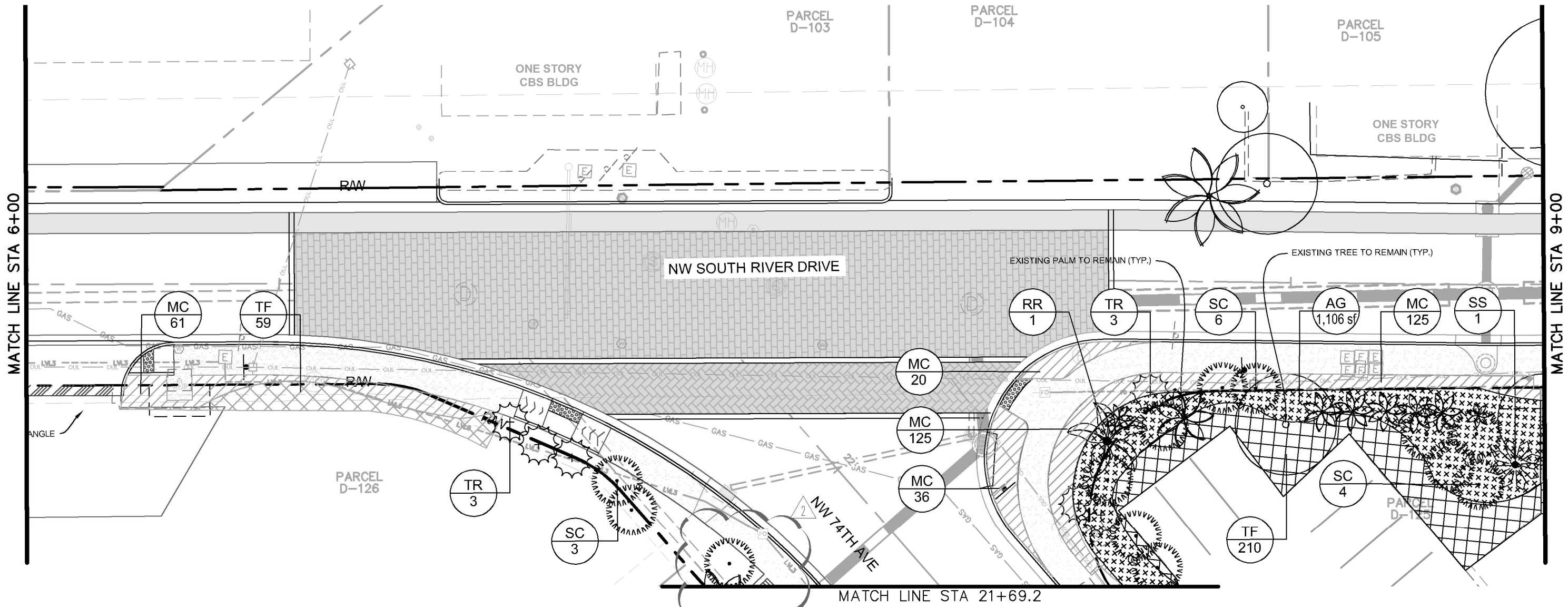
NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 GEORGE E. PUIG, PLA
 #0001706

LANDSCAPE PLAN

SHEET NUMBER
 L-1310

Plotted By: Alcide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1302 LANDSCAPE PLAN January 31, 2019 03:39:25pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\Landscape\CADD\PlanSheets\L-1904 LANDSCAPE PLAN.dwg
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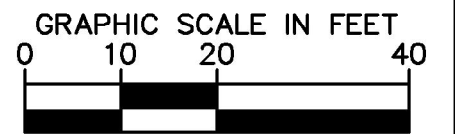
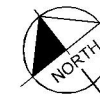


PLANT SCHEDULE L-1302

PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE
	RR	1	ROYSTONIA REGIA	ROYAL PALM	FG	25' GW	35' - 40' HT.	YES
	SS	2	SABAL PALMETTO CURVED TRUNK/BOOVED	CABBAGE PALMETTO	FG	-	25'-35' C.T.	YES
	TR	6	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	12	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	242	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
	TF	269	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	1,106 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE	-	-	NO

Notes:

- Planting proposed to be planted outside of the proposed R.O.W. must only be planted with the lot/home owners written permission.
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- Contractor shall verify in field all existing infrastructure to remain and shall insure final layout of plant material complies with FDOT Standard Index #544 and #546 in order to maintain required sight lines. Final placement of plant material shall be reviewed in the field prior to final installation. Bed lines of perennial peanut and grasses may be adjusted slightly based upon on-site conditions to reconcile any potential unforeseen conflicts from verified site conditions.
- Minimum Clear Zone shall be 4'-0" from the face of curb to trees.



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

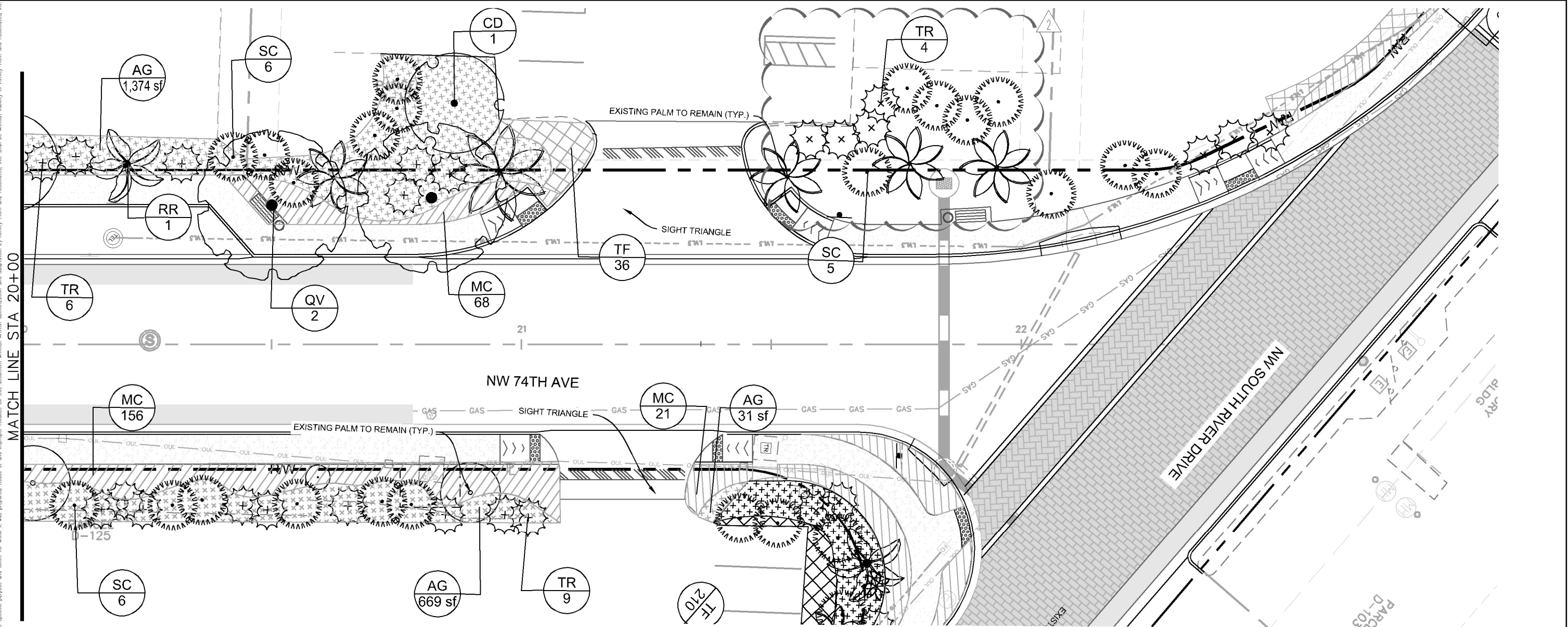
NWSRD (826-72A) PW-0112
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 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 GEORGE E. PUIG, PLA
 #0001706

LANDSCAPE PLAN

SHEET NUMBER
 L-1302

Plotted By: Alcaide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1310 LANDSCAPE PLAN January 31, 2019 02:00:13pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\Landscape\CADD\PlanSheets\L-1310 LANDSCAPE PLAN.dwg



PLANT SCHEDULE L-1310

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIV
	CD	1	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES
	QV	2	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	FG	12" CAL MIN	20"-25" HT MIN.	YES
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIV
	RR	2	ROYSTONEA REGIA	ROYAL PALM	FG	25" GW	35' - 40' HT.	YES
	TR	19	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIV
	SC	17	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIV
	MC	245	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
	TF	36	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES

GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	2,073 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

PROPOSED TREE/CATEGORY	SIZE	QT.	NATIVE	POINTS	TOTAL PTS. (S.F.)
Shade Tree 1:					
Coccoloba diversifolia	14" OAH	21	Yes	500	10,500
Cordia alliodora	14" OAH	1	Yes	500	500
Quercus virginiana	20" OAH	5	Yes	500	2,500
Taxodium distichum	20" OAH	2	Yes	500	1,000
Palm Tree 1:					
Roystonea regia	10" CT	11	Yes	300	3,300
Total Trees Proposed:		29			
Total Percent Native:		100%			
Total Percent Palms:		38%			
TOTAL MITIGATION POINTS:					7,900.00
TOTAL MITIGATION REQUIRED:					2,479.00
DIFFERENCE:					+4,821.00

Please note: if more than ten (10) trees (based on the categories listed above) are required to be planted then a minimum of fifty (50) percent of all replacement trees shall be native to Miami-Dade County and no more than thirty (30) percent of the replacement trees shall be palms.



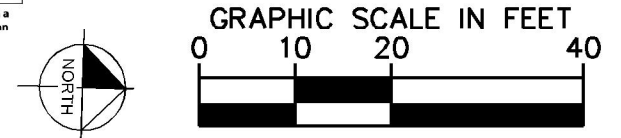
PLANTING MITIGATION GUIDELINES

Use this table to calculate the planting requirements of your Tree Removal/Relocation Permit

If you plant as:	With this minimum height:	Credit obtained in square feet (sq.ft.):
Shade (Hardwood) Tree 1	Minimum 12' Overall Height	500
Shade (Hardwood) Tree 2	Minimum 8' Overall Height	300
Palm Tree 1	Minimum 10' Clear Trunk	300
Palm Tree 2	Minimum 3' Clear Trunk	100
Small Tree	Minimum 6' Overall Height	200

Please note: if more than ten (10) trees (based on the categories listed above) are required to be planted then a minimum of fifty (50) percent of all replacement trees shall be native to Miami-Dade County and no more than thirty (30) percent of the replacement trees shall be palms. However, when native trees are removed, all replacement trees shall be native species.

- Notes:
- Planting proposed to be planted outside of the proposed R.O.W. must only be planted with the lot/home owners written permission.
 - All newly created landscape areas and existing landscape areas disturbed by construction shall be leveled and covered with solid sod according to the specifications herein unless indicated to be planted with shrubs or groundcovers.
 - (8) Nine total benches and (8) nine total trash receptacles to be installed on 3' x 10' concrete sidewalk slab (Refer to Civil Plans for Locations)
 - Contractor shall insure all plant material receives appropriate water throughout the guarantee period so plant material thrives and establishes readily. Plants shall be irrigated utilizing a water truck until fully established after installation.
 - Contractor shall verify in field all existing infrastructure to remain and shall insure final layout of plant material complies with FDOT Standard Index #544 and #546 in order to maintain required sight lines. Final placement of plant material shall be reviewed in the field prior to final installation. Bed lines of perennial peanut and grasses may be adjusted slightly based upon on-site conditions to reconcile any potential unforeseen conflicts from verified site conditions.
 - Minimum Clear Zone shall be 4'-0" from the face of curb to trees.



SUE Update	01/31/19	
No.	REVISIONS	DATE BY



Kimley»Horn
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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 GEORGE E. PUIG, PLA
 #0001706

LANDSCAPE PLAN

SHEET NUMBER
 L-1310