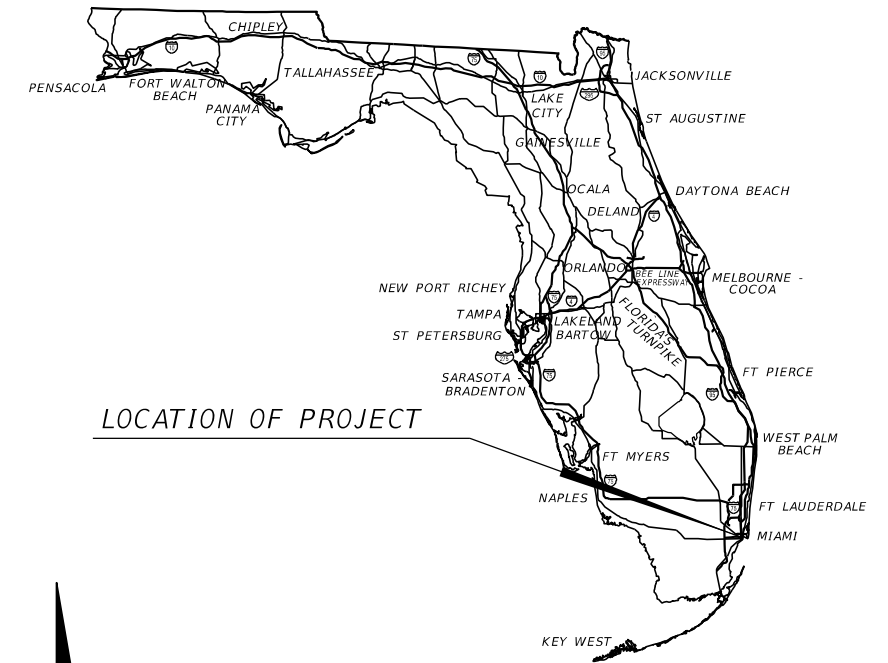


COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS

**TOWN OF MEDLEY**

CONTRACT PLANS FOR  
**NORTHWEST 79TH AVENUE  
MIAMI-DADE COUNTY  
FROM 77TH STREET TO 79TH PLACE**



A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

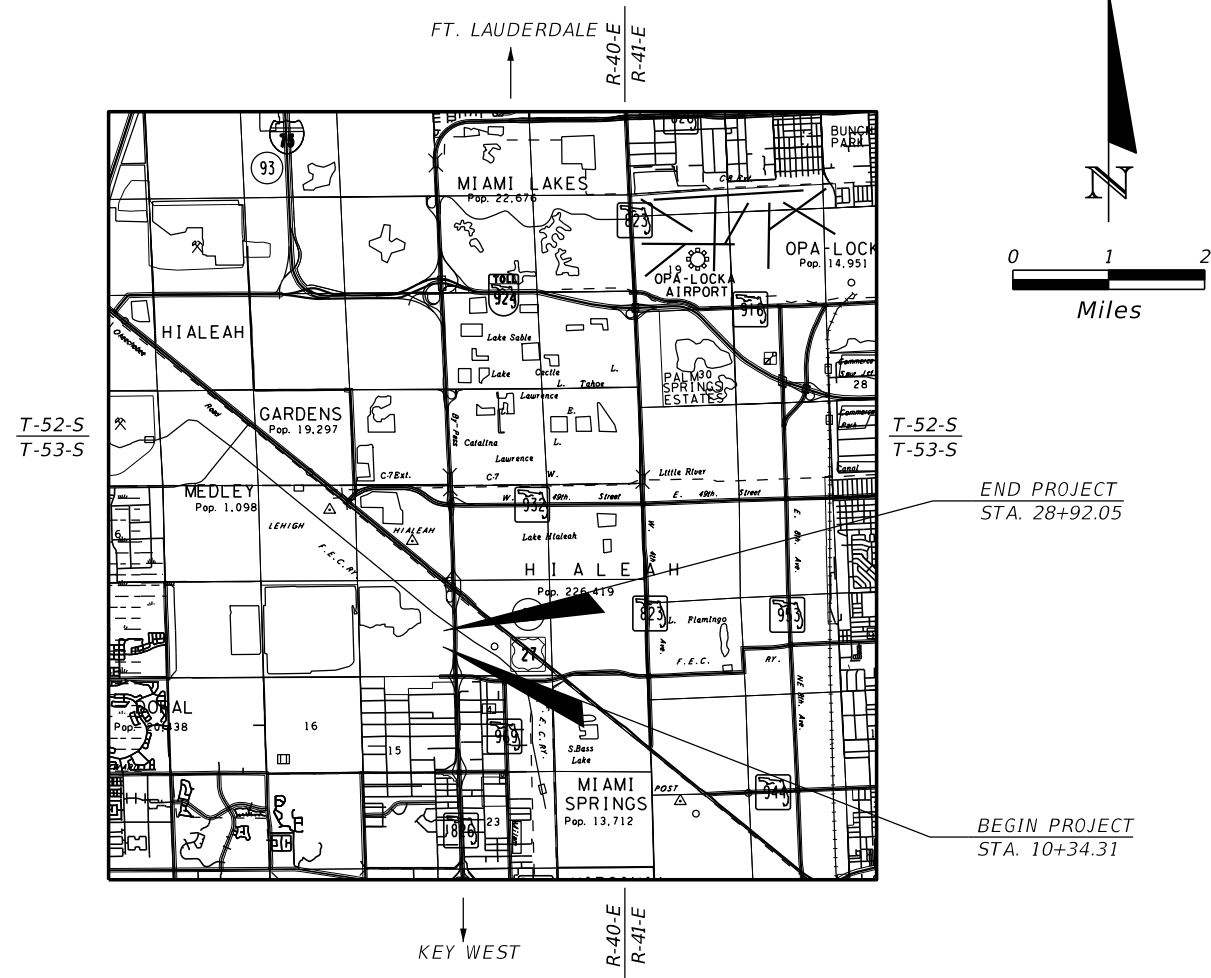
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
1A	SIGNATURE SHEET
2	SUMMARY OF PAY ITEMS
3	DRAINAGE MAP
4	EXISTING DRAINAGE STRUCTURE DATA
5	TYPICAL SECTION
SQ-1 - SQ-7	SUMMARY OF QUANTITIES
6	SUMMARY OF DRAINAGE STRUCTURES
7	OPTIONAL MATERIAL TABULATION
8 - 9	PROJECT NOTES
10 -13	ROADWAY PLAN & PROFILE
14 - 19	DRAINAGE STRUCTURES
20	DRAINAGE DETAILS
21 - 37	CROSS SECTIONS
38 - 39	STORMWATER POLLUTION PREVENTION PLAN
40	TEMPORARY TRAFFIC CONTROL GENERAL NOTES
41	TEMPORARY TRAFFIC CONTROL TYPICAL
CTL-1	PROJECT NETWORK CONTROL
GR-1	ROADWAY SOIL SURVEY
GR-2	ROADWAY SOIL PROFILES
GR-3	REPORT OF CORE BORINGS
UTV-1	SUMMARY OF VERIFIED UTILITIES

**GOVERNING STANDARDS AND SPECIFICATIONS:**  
Florida Department of Transportation, 2016 Design Standards and revised Index Drawings as appended herein, and July 2016 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:  
<http://www.dot.state.fl.us/rddesign/>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:  
<http://www.dot.state.fl.us/specificationsoffice/>



- TOWN COUNCIL**
- MAYOR  
ROBERTO MARTELL
  - VICE-MAYOR  
JACK MARROW
  - COUNCILPERSON  
GRISLIA DIGIACOMO
  - COUNCILPERSON  
SUSANA GUASCH
  - COUNCILPERSON  
EDGAR AYALA

ROADWAY SHOP DRAWINGS  
TO BE SUBMITTED TO:  
RICARDO A. CASTRO, P.E.  
ATKINS NORTH AMERICA, INC.  
2001 NW 107th AVE  
MIAMI, FL 33172  
PHONE: (305) 514-3410  
VENDOR NO.: F-590-896-138-001

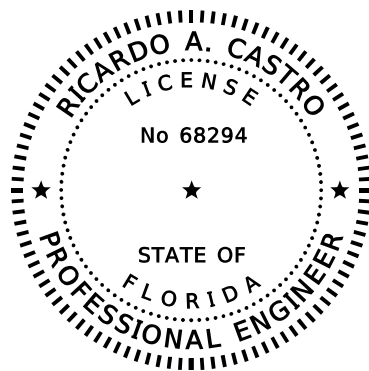
NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PREPARED FOR  
THE TOWN OF MEDLEY BY:  
  
ATKINS NORTH AMERICA, INC.  
2001 NW 107th AVE,  
MIAMI, FL 33172

ROADWAY PLANS  
ENGINEER OF RECORD: RICARDO A. CASTRO P.E.

P.E. NO.: 68294

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



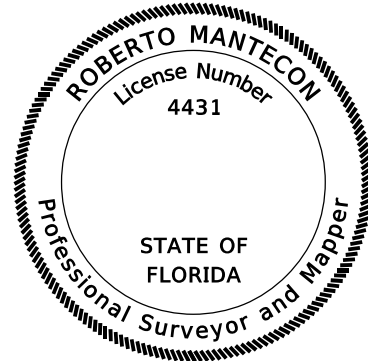
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ATKINS NORTH AMERICA, INC  
2001 NW 107th AVENUE  
MIAMI, FL 33172  
CERTIFICATE OF AUTHORIZATION: 24  
RICARDO A. CASTRO, P.E. NO. 68294

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
1A	SIGNATURE SHEET
2	SUMMARY OF PAY ITEMS
3	DRAINAGE MAP
4	EXISTING DRAINAGE STRUCTURE DATA
5	TYPICAL SECTION
5Q-1 - 5Q-7	SUMMARY OF QUANTITIES
6	SUMMARY OF DRAINAGE STRUCTURES
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41	TEMPORARY TRAFFIC CONTROL TYPICAL
UTV-1	SUMMARY OF VERIFIED UTILITIES



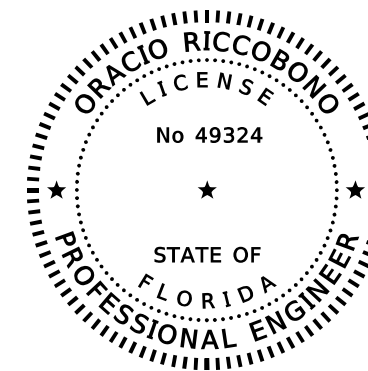
THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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ATKINS NORTH AMERICA, INC  
2001 NW 107th AVENUE  
MIAMI, FL 33172  
CERTIFICATE OF AUTHORIZATION: LB24  
ROBERTO MANTECON, PSM NO. 4431

THE ABOVE NAMED PROFESSIONAL SURVEYOR & MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1A	SIGNATURE SHEET
CTL-1	PROJECT NETWORK CONTROL




THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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GEOSOL, INC.  
5795-A NW 151ST STREET  
MIAMI LAKES, FL 33014  
CERTIFICATE OF AUTHORIZATION: 8530  
ORACIO RICCOBONO, P.E. NO. 49324

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.


<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1A	SIGNATURE SHEET
GR-1	ROADWAY SOIL SURVEY
GR-2	ROADWAY SOIL PROFILES
GR-3	REPORT OF CORE BORINGS

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		SHEET NO.  1A
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY	
						SW0115	MIAMI-DADE	

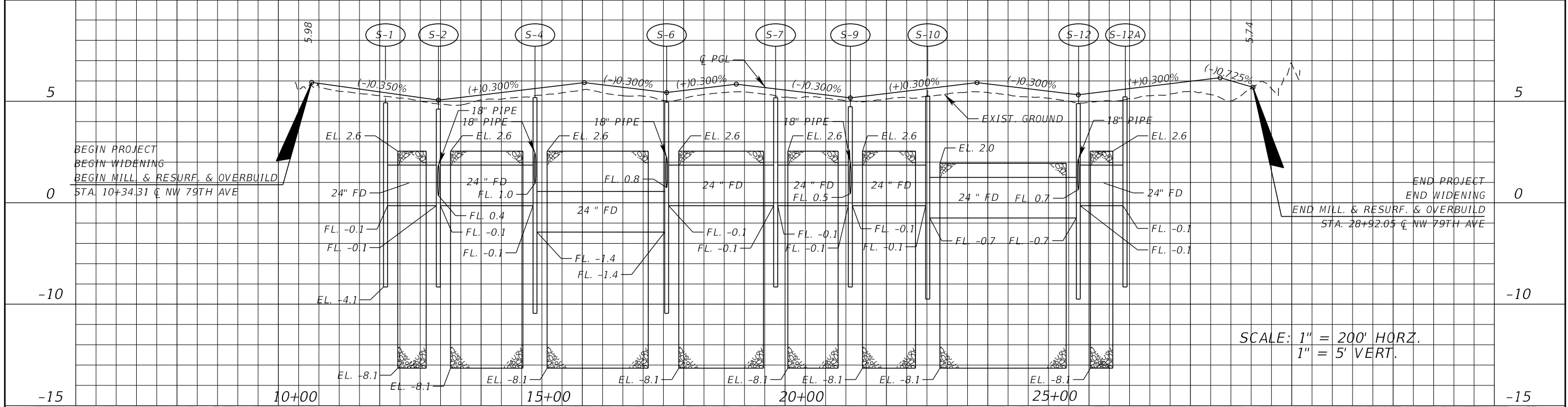
*SIGNATURE SHEET*

**SUMMARY OF GENERAL ITEMS**

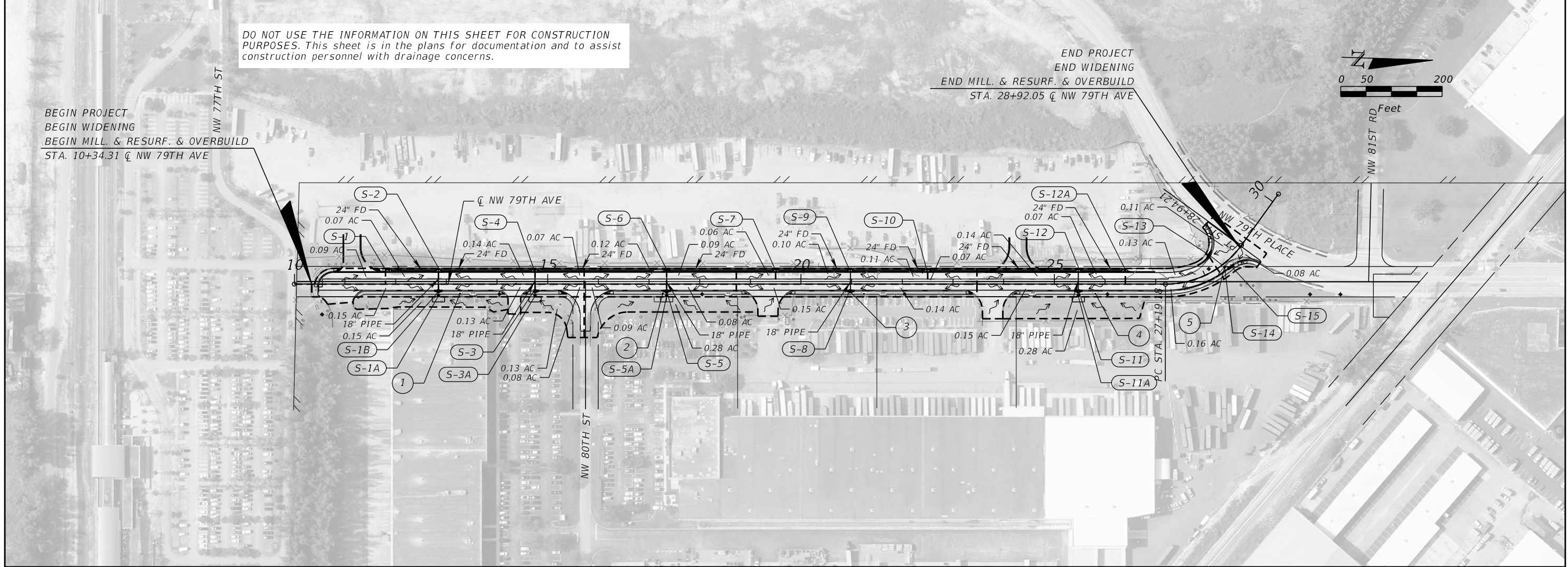
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	P	F		
101-1	MOBILIZATION	LS	1					
102-1	MAINTENANCE OF TRAFFIC	LS	1					
102-60	WORK ZONE SIGN	ED	1140					
102-74-1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	5220					
102-74-2	CHANNELIZING DEVICE, TYPE III, 6'	ED	240					
102-99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	406					
104-10-3	SEDIMENT BARRIER	LF	3681					
104-18	INLET PROTECTION SYSTEM	EA	2					
107-1	LITTER REMOVAL	AC	2.707					
107-2	MOWING	AC	0.869					
110-1-1	CLEARING AND GRUBBING	AC	1.380					
120-1	REGULAR EXCAVATION	CY	1256					
120-6	EMBANKMENT	CY	400					
160-4	TYPE B STABILIZATION	SY	2556					
285-709	OPTIONAL BASE GROUP 09	SY	2556					
327-70-6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	5436					
334-1-23	SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA	TN	578.5					
337-7-74	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22, ARB	TN	210.9					
425-1311	INLETS, CURB, TYPE P-1, <10'	EA	4					
425-1312	INLETS, CURB, TYPE P-1, >10'	EA	1					
425-1321	INLETS, CURB, TYPE P-2, <10'	EA	3					
425-1322	INLETS, CURB, TYPE P-2, >10'	EA	1					
425-1361	INLETS, CURB, TYPE P-6, <10'	EA	1					
425-1365	INLETS, CURB, TYPE P-6, PARTIAL	EA	1					
425-1451	INLETS, CURB, TYPE J-5, <10'	EA	1					
425-1461	INLETS, CURB, TYPE J-6, <10'	EA	4					
425-1521	INLETS, DT BOT, TYPE C, <10'	EA	4					
425-2-41	MANHOLES, P-7, <10'	EA	1					
425-5-1	MANHOLES, ADJUST UTILITIES	EA	5					
425-6	VALVE BOXES, ADJUST	EA	3					
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD	LF	224					
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD	LF	144					
443-70-4	FRENCH DRAIN, 24"	LF	1279					
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	3215					
520-3	VALLEY GUTTER-CONCRETE	LF	190					
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2114					
527-2	DETECTABLE WARNINGS	SF	162					
570-1-2	PERFORMANCE TURF, SOD	SY	1560					
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	5					
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1					
700-1-60	SINGLE POST SIGN, REMOVE	AS	5					
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	183					
710-11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.324					
710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	1998					
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	162					
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	1.636					
710-11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	0.593					
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	691					
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	54					
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	18					
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	26					
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	GM	0.649					
711-15-201	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	GM	0.704					
711-15-231	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SKIP, 6"	GM	0.593					

<p align="center"><b>REVISIONS</b></p> <table border="1"> <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					RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		<p align="center"><b>TOWN OF MEDLEY</b></p> <table border="1"> <tr> <td>OCP NO.</td> <td>COUNTY</td> </tr> <tr> <td>SW-0115</td> <td>MIAMI-DADE</td> </tr> </table>	OCP NO.	COUNTY	SW-0115	MIAMI-DADE	<p><b>SUMMARY OF PAY ITEMS</b></p>	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION																	
OCP NO.	COUNTY																			
SW-0115	MIAMI-DADE																			

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



SCALE: 1" = 200' HORZ.  
1" = 5' VERT.



DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. This sheet is in the plans for documentation and to assist construction personnel with drainage concerns.

REVISIONS		DATE		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION		

RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107TH AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		 TOWN OF MEDLEY OCP NO. SW-0115 COUNTY MIAMI-DADE	SHEET NO. 3

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

① CATCH BASIN  
RIM EL. 4.24'  
BAFFLED (S)  
BOTTOM EL. -2.17'


② CATCH BASIN  
RIM EL. 4.35'  
BAFFLED (N)  
BOTTOM EL. -2.35'

③ CATCH BASIN  
RIM EL. 4.29'  
BAFFLED (N)  
BAFFLED (S)  
BOTTOM EL. -2.51'

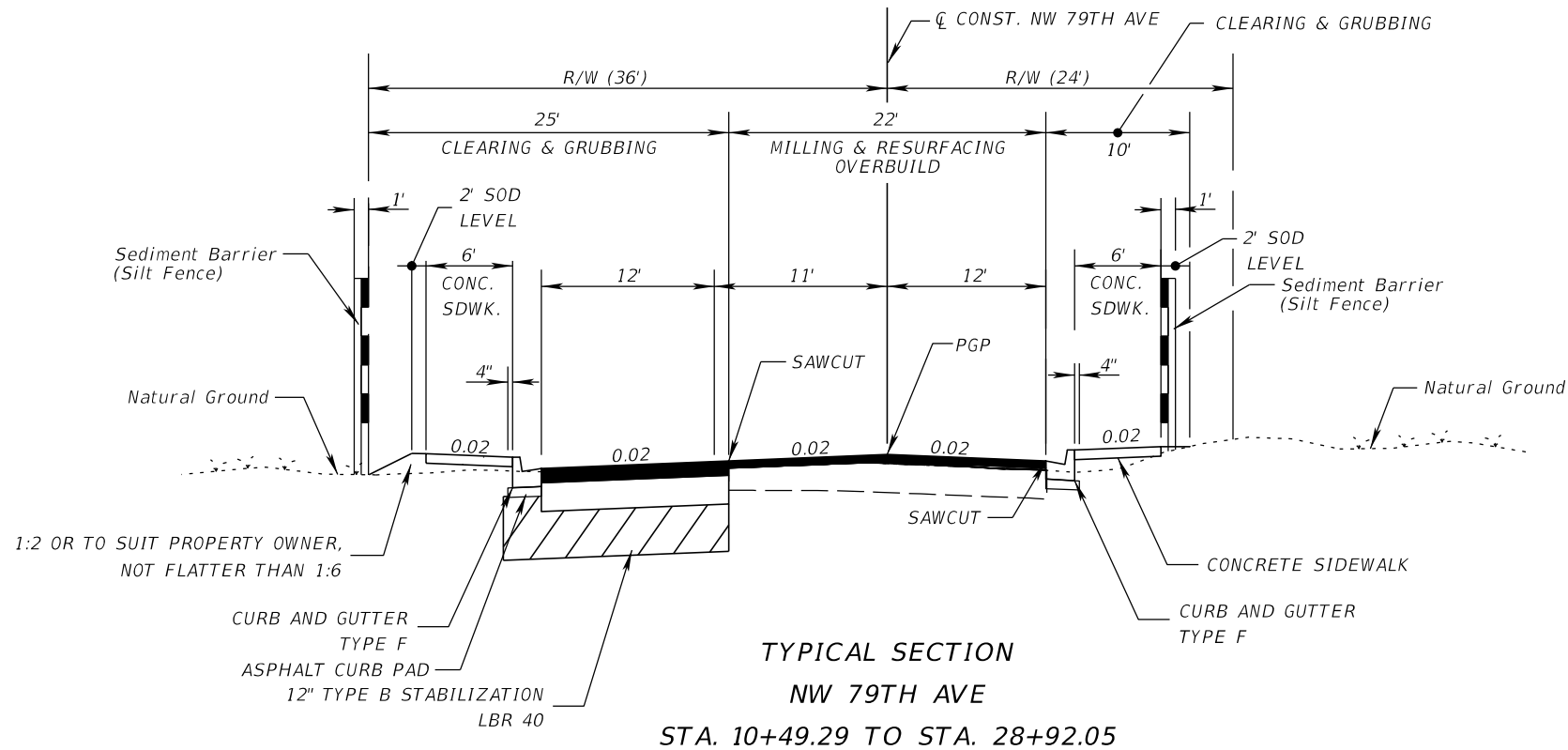
④ CATCH BASIN  
RIM EL. 4.32'  
BAFFLED (N)  
16" HIGH DENSITY POLYETHYLENE  
(S) FL. EL. 1.36'  
BOTTOM EL. -2.18'

⑤ CATCH BASIN  
RIM EL. 4.89'  
18" RCP  
(SW) FL. EL. -1.12'  
18" RCP  
(NW) FL. EL. -1.17'  
BOTTOM EL. -3.12'

⑥ CATCH BASIN  
RIM EL. 4.94'  
18" RCP  
(NE) FL. EL. -0.76'  
BOTTOM EL. -3.06'

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107TH AVENUE MIAMI FL, 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		EXISTING DRAINAGE STRUCTURE DATA	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY		4
						SW-0115	MIAMI-DADE		

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**TYPICAL SECTION  
NW 79TH AVE  
STA. 10+49.29 TO STA. 28+92.05**

**MILLING**

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1.5")

**RESURFACING**

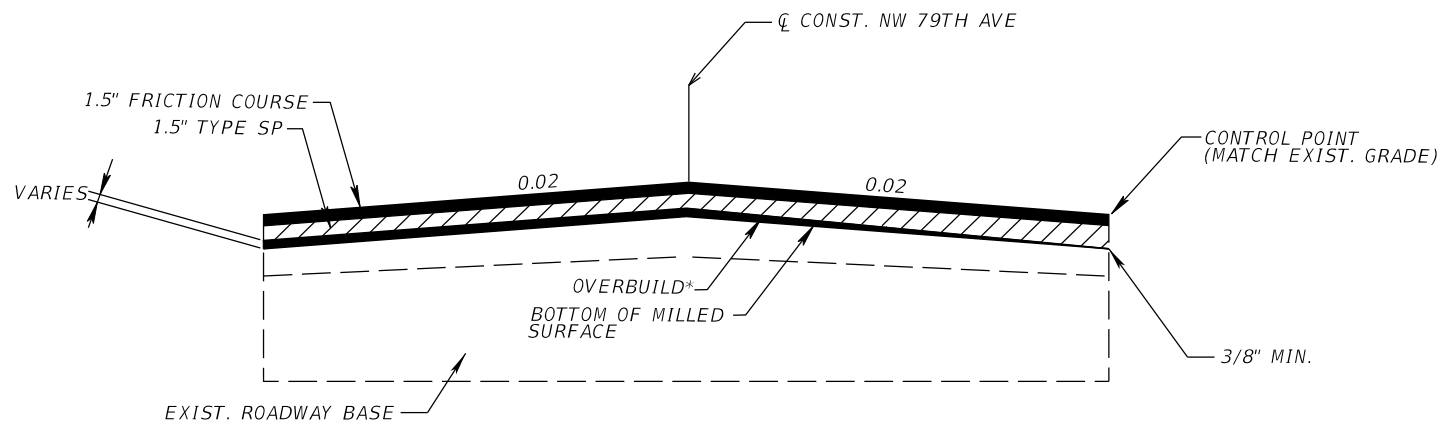
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2"), AND FRICTION COURSE FC-12.5 (1 1/2") ((PG 76-22 (ARB)))

**OVERBUILD FOR SLOPE**

TYPE SP OVERBUILD (TRAFFIC B) THICKNESS VARIES (3/8" TO 6")

**WIDENING**


OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5") AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22 (ARB))



**TYPICAL MILLING, OVERBUILD AND RESURFACING DETAIL  
(N.T.S)**

\* TYPE SP OVERBUILD THICKNESSES (PER FDOT SPECIFICATION 334)

DESIGN SPEED = 25 MPH


REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		SHEET NO.  5
DATE	DESCRIPTION	DATE	DESCRIPTION			OCF NO. SW-0115	COUNTY MIAMI-DADE	
								<b>TYPICAL SECTION</b>

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SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS						1	1			
0102 60	WORK ZONE SIGN	ED	60	8	480	30	12	360	840			
0102 74 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	60	44	2640	30	45	1350	3990			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	60	2	120	30	2	60	180			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	104	2	208	69	2	138	346			
0710 11 101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		0.331	0.331		0.331	0.331	0.662			
0710 11 123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF					691	691	691			
0710 11 125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF					54	54	54			
0710 11 211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM					0.228	0.228	0.228			
0710 11 231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM										

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			PHASE IV			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P	DAYS	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS									1	194 DAYS		
0102 60	WORK ZONE SIGN	ED	15	10	150	15	10	150	300		1140			
0102 74 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	15	42	630	15	40	600	1230		5220			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	15	2	30	15	2	30	60		240			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	15	2	30	15	2	30	60		406			
0710 11 101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		0.662	0.662				0.662		1.324			
0710 11 123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF		691	691		616	616	1307		1998			
0710 11 125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF		54	54		54	54	108		162			
0710 11 211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM		0.704	0.704		0.704	0.704	1.408		1.636			
0710 11 231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM					0.593	0.593	0.593		0.593			

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>SUMMARY OF QUANTITIES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			OCN NO.	COUNTY		
						SW-0115	MIAMI-DADE		SQ-1

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






**SUMMARY OF LITTER REMOVAL AND MOWING**

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F		
1	10+34.31 TO 11+35.60	LT	90	30		3			20025	3	0.014	0.041		
	11+50.60 TO 26+64.12	LT	90	30		3			20033	3	0.191	0.573		
	26+89.12 TO 28+64.75	LT	90	30		3			20043	3	0.019	0.058		
	10+39.31 TO 27+90.83	LT	90	30	19853	3	0.484	1.451		3				
				30										
2	11+41.34 TO 14+02.13	RT	60	30		2			19974	2	0.018	0.036		
	14+66.11 TO 15+14.14	RT	60	30		2			19979	2	0.003	0.007		
	16+34.66 TO 18+79.11	RT	60	30		2			19984	2	0.017	0.034		
	19+90.31 TO 23+21.56	RT	60	30		2			19989	2	0.023	0.046		
	24+34.10 TO 27+25.50	RT	60	30		2			19994	2	0.020	0.040		
	27+25.41 TO 28+51.66	RT	60	30		2			20001	2	0.017	0.034		
	11+19.36 TO 14+20.58	RT	60	30	19864	2	0.087	0.173		2				
	14+47.76 TO 15+64.50	RT	60	30	19871	2	0.047	0.093		2				
	15+84.27 TO 19+03.18	RT	60	30	19881	2	0.108	0.215		2				
	19+65.86 TO 23+46.53	RT	60	30	19891	2	0.109	0.218		2				
	24+09.47 TO 28+85.10	RT	60	30	19901	2	0.255	0.509		2				
	10+46.54 TO 11+41.34	RT	60	30	19910	2	0.023	0.047		2				
					SUB-TOTAL:				SUB-TOTAL:					
					TOTAL:				TOTAL:					

**SUMMARY OF REMOVAL ITEMS**


PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						AREA (AC)	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	24+29.70 TO 28+58.80	RT	14864	LS	0.060	1		1		1.381 ACRES	
		19+85.92 TO 23+25.97	RT	14886		0.047						
		16+26.95 TO 18+83.50	RT	14906		0.035						
		14+63.86 TO 15+21.85	RT	14921		0.008						
		11+21.72 TO 14+04.38	RT	14930		0.039						
		11+29.30 TO 14+04.38	RT	14954		0.031						
		14+63.86 TO 15+21.85	RT	14960		0.007						
		16+26.95 TO 18+89.50	RT	14967		0.030						
		19+79.92 TO 23+31.97	RT	14976		0.041						
		24+23.70 TO 27+19.18	RT	14988		0.034						
		27+19.18 TO 28+63.34	RT	14996		0.024						
		10+55.01 TO 28+01.57	LT	15006		0.983						
		28+23.16 TO 28+82.56	LT	15027		0.015						
		27+73.57 TO 28+28.13	LT	15035		0.010						
		28+41.26 TO 28+90.46	LT	15045		0.018						

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DATE	DESCRIPTION	DATE	DESCRIPTION													

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 1	REGULAR EXCAVATION	1256			
0120 6	EMBANKMENT	400			


SUMMARY OF PAVEMENT												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION	10+47.30 to 28+82.56		LT/RT	12287	SY	2502.9		2556			
		28+23.97 to 28+90.46		RT	11592		53.0					
285709	OPTIONAL BASE, BASE GROUP 09	10+47.30 to 28+82.56		LT/RT	12269	SY	2502.9		2556			
		28+23.97 to 28+90.46		RT	8697		53.0					
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	10+46.54 to 11+41.34		RT	8746	SY	113.2		5436			
		10+46.98 to 28+90.46		LT/RT	8709		4752.2					
		14+02.13 to 14+66.11		RT	8753		50.6					
		15+14.14 to 16+34.66		RT	8758		302.6					
		18+79.11 to 19+90.31		RT	8765		106.0					
		23+21.59 to 24+34.10		RT	8770		111.5					
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C, PG 76-22, PMA)	10+47.30 to 28+82.56		LT/RT	12251	TN	206.49		578.5			
		28+23.97 to 28+90.46		RT	11682		4.37					
		10+47.30 to 28+90.46	OVERBUILD				367.59					
0337 7 74	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG76-22, ARB)	10+47.30 to 28+82.56		LT/RT	12233	TN	206.49		210.9			
		28+23.97 to 28+90.46		RT	11693		4.37					

SUMMARY OF UTILITY ADJUSTMENTS										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
0425 5 1	MANHOLE, ADJUST, UTILITIES	13+37.51	LT	EA	1		5			
		15+74.79	LT		1					
		16+67.19	LT		1					
		19+97.89	LT		1					
		23+27.44	LT		1					
0425 6	VALVE BOXES, ADJUST	12+62.18	RT	EA	1		3			
		15+84.47	RT		1					
		15+87.19	RT		1					

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>SUMMARY OF QUANTITIES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			OCF NO.	COUNTY		
						SW-0115	MIAMI-DADE		

**SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS**


PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.			GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
					TYPE	LENGTH	P	F					
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	10+77.26 to 23+24.66	LT	LF	1247.4			1247.4		3405			
		14+02.13 to 14+16.40	RT		16.3			16.3					
		14+51.84 to 14+66.11	RT		16.3			16.3					
		15+14.14 to 15+37.97	RT		24.9			24.9					
		18+79.11 to 18+97.17	RT		19.6			19.6					
		23+21.56 to 23+39.63	RT		19.6			19.6					
		23+24.66 to 27+19.77	LT		395.0			395.0					
		27+19.77 to 27+93.64	LT		64.1			64.1					
		27+93.64 to 28+76.34	LT		95.0			95.0					
		10+45.80 to 10+77.26	LT/RT		48.0			48.0					
		11+21.14 to 11+41.34	RT		24.3			24.3					
		11+41.34 to 14+02.13	RT		260.8			260.8					
		14+66.11 to 15+14.14	RT		48.0			48.0					
		16+10.83 to 16+34.66	RT		24.9			24.9					
		16+34.66 to 18+79.11	RT		244.4			244.4					
		19+72.25 to 19+90.31	RT		19.6			19.6					
		19+90.31 to 23+21.56	RT		331.3			331.3					
		24+16.04 to 24+34.10	RT		19.6			19.6					
		24+34.10 to 27+25.01	RT		291.3			291.3					
		27+25.04 to 28+23.97	RT		106.1			106.1					
		28+23.97 to 28+51.66	RT		29.7			29.7					
		28+51.66 to 28+87.72	RT		58.7			58.7					

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DATE	DESCRIPTION	DATE	DESCRIPTION																				
OCP NO.	COUNTY																						
SW-0115	MIAMI-DADE																						

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

**SUMMARY OF SIDEWALK & DETECTABLE WARNINGS**


LOCATION  STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0527 2			
					SY		SF			
					P	F	P	F		
10+39.31 to 10+77.92	LT/RT	20431			36.0					
10+77.92 to 10+84.92	LT	20461			3.4					
10+84.92 to 10+90.69	LT	20456			1.5					
11+21.57 to 14+04.38	RT	12016			189.1					
11+57.42 to 11+67.82	LT	20474			2.6					
11+67.82 to 11+74.82	LT	20469			3.7					
11+74.82 to 23+66.97	LT	20417			794.7					
13+49.14 to 13+56.48	RT	19317			1.4					
14+04.38 to 14+10.38	RT	19333			0.3					
14+04.38 to 14+10.38	RT	12025			3.1					
14+10.38 to 14+15.10	RT	19327			1.0					
14+10.38 to 14+16.02	RT	19338			0.3					
14+53.14 to 14+57.86	RT	19345			1.0					
14+53.38 to 14+63.86	RT	19350			0.6					
14+57.86 to 14+63.86	RT	12039			3.1					
14+63.86 to 15+21.85	RT	12030			38.5					
15+21.85 to 15+27.85	RT	12044			2.8					
15+21.85 to 15+27.85	RT	19373			0.3					
15+27.85 to 15+36.45	RT	19362			1.8					
15+27.85 to 15+37.72	RT	19367			0.5					
16+11.81 to 16+26.95	RT	19383			0.8					
16+12.35 to 16+20.95	RT	19378			1.8					
16+20.95 to 16+26.95	RT	12058			2.8					
16+26.95 to 18+83.50	RT	12049			170.8					
18+52.74 to 18+60.08	RT	19322			1.4					
18+83.50 to 18+89.50	RT	19401			0.3					
18+83.50 to 18+89.50	RT	12064			3.0					
18+89.50 to 18+95.78	RT	19390			1.3					
18+89.50 to 18+96.85	RT	19395			0.4					
19+73.52 to 19+85.92	RT	19411			0.7					
19+73.64 to 19+79.92	RT	19406			1.3					
19+79.92 to 19+85.92	RT	12079			3.0					
19+85.92 to 23+25.97	RT	12070			226.6					
21+57.90 to 21+65.23	RT	19419			1.4					
23+25.96 to 23+31.97	RT	12085			3.0					
23+25.97 to 23+31.97	RT	19434			0.3					
23+31.96 to 23+38.24	RT	19424			1.3					
23+31.97 to 23+39.32	RT	19428			0.4					
23+66.97 to 23+73.97	LT	20478			3.1					
23+73.97 to 23+84.37	LT	20486			2.6					
24+17.29 to 24+29.70	RT	19444			0.7					
24+17.42 to 24+23.70	RT	19439			1.3					
24+23.70 to 24+29.70	RT	12103			3.0					
24+29.70 to 28+62.12	RT	12090			296.2					
24+71.75 to 24+82.16	LT	20490			2.6					
24+82.16 to 24+89.16	LT	20494			3.7					
24+89.16 to 28+75.45	LT	20504			252.6					
<b>SUB-TOTAL:</b>					<b>2072.1</b>					

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DATE	DESCRIPTION	DATE	DESCRIPTION													

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QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM AND CROSS DRAIN		FRENCH DRAIN	CURB INLETS						DITCH BOTTOM INLET TYPE C	MANHOLE P-7	REMARKS	
						ROUND SHAPE			1		2		5	6				
						18" LF	24" LF	24" LF	<10' EA	>10' EA	<10' EA	>10' EA	J <10' EA	<10' EA	J <10' EA	PARTIAL EA		
P	S-1	11+85.00 NW 79TH AVE	LT	INLET, PIPE	1		16	79	1							P BOT. (4.0' DIA.)		
F																		
P	S-1A	12+84.31 NW 79TH AVE	RT	INLET, PIPE	1	5								1				
F																		
P	S-1B	12+84.31 NW 79TH AVE	RT	INLET, PIPE	1	38							1			J BOT. (3.5' X 5.0') CONFLICT BOX		
F																		
P	S-2	12+84.31 NW 79TH AVE	LT	INLET, PIPE	1		16	171			1					P BOT. (4.0' DIA.)		
F																		
P	S-3	14+75.00 NW 79TH AVE	RT	INLET, PIPE	1	38						1				J BOT. (3.5' X 5.0') CONFLICT BOX		
F																		
P	S-3A	14+75.00 NW 79TH AVE	RT	INLET, PIPE	1	5								1				
F																		
P	S-4	14+75.00 NW 79TH AVE	LT	INLET, PIPE	1		32	224		1						P BOT. (4.0' DIA.)		
F																		
P	S-5	17+34.81 NW 79TH AVE	RT	INLET, PIPE	1	38							1			J BOT. (3.5' X 5.0') CONFLICT BOX		
F																		
P	S-5A	17+34.81 NW 79TH AVE	RT	INLET, PIPE	1	6								1				
F																		
P	S-6	17+34.81 NW 79TH AVE	LT	INLET, PIPE	1		16	195			1					P BOT. (4.0' DIA.)		
F																		
P	S-7	19+50.00 NW 79TH AVE	LT	INLET, PIPE	1		16	127	1							P BOTTOM (4.0' DIA.)		
F																		
P	S-8	20+97.31 NW 79TH AVE	RT	INLET, PIPE	1	38							1			J BOT. (3.5' X 5.0') CONFLICT BOX		
F																		
P	S-9	20+97.31 NW 79TH AVE	LT	INLET, PIPE	1		16	133			1					P BOT. (4.0' DIA.)		
F																		
P	S-10	22+50.00 NW 79TH AVE	LT	INLET, PIPE	1		16	277	1							P BOT. (4.0' DIA.)		
F																		
P	S-11	2547+31.00 NW 79TH AVE	RT	INLET, PIPE	1	38							1			J BOT. (3.5' X 5.0') CONFLICT BOX		
F																		
P	S-11A	25+47.31 NW 79TH AVE	RT	INLET, PIPE	1	5								1				
F																		
P	S-12	25+47.31 NW 79TH AVE	LT	INLET, PIPE	1		16	73			1					P BOT. (4.0' DIA.)		
F																		
P	S-12A	26+40.00 NW 79TH AVE	LT	INLET	1				1							P BOT. (4.0' DIA.)		
F																		
P	S-13	28+29.18 NW 79TH AVE	LT	INLET TOP	1								1					
F																		
P	S-14	28+41.20 NW 79TH AVE	RT	MH TOP, PIPE	1	8									1			
F																		
P	S-15	28+50.00 NW 79TH AVE	RT	INLET, PIPE	1	5							1			INCLUDES CONC. JACKET. P BOT. (4.0' DIA.)		
F																		
P																		
F																		
P																		
F																		
P																		
F																		
P																		
F																		
SHEET TOTALS						PLAN QUANTITY	224	144	1279	4	1	3	1	1	4	1	4	1
GRAND TOTALS						FINAL QUANTITY												
SHEET TOTALS						PLAN QUANTITY	224	144	1279	4	1	3	1	1	4	1	4	1
GRAND TOTALS						FINAL QUANTITY												

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107TH AVENUE MIAMI FL, 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>SUMMARY OF DRAINAGE STRUCTURES</b>	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO. SW-0115	COUNTY MIAMI-DADE		

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



1. REFER TO THE "PROJECT NETWORK CONTROL" SHEETS FOR HORIZONTAL AND VERTICAL DATUMS USED ON THIS PROJECT.
2. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS:
  - A) CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND-SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE.
  - B) THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR FOR REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYORS REFERENCE DRAWING.
3. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
4. THE CONTRACTOR SHALL PAINT ALL STATIONS WITH STENCILED NUMBERS ON THE FACE OF CURB:
  - A) AT A NEW CURB NOT LATER THAN 72 HOURS AFTER BEING POURED.
  - B) WHERE CURB DOES NOT EXIST AND SHALL NOT BE CONSTRUCTED, THE CONTRACTOR SHALL MAINTAIN STATIONING AND SURVEYING STAKES. CONTRACTOR SHALL MAINTAIN THE STATION MARKS VISIBLE UNTIL FINAL INSPECTION.
5. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF MEDLEY PUBLIC WORKS DEPARTMENT, AND ANY OTHER STATE OR LOCAL AGENCY WITH JURISDICTION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
7. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON AVAILABLE INFORMATION PROVIDED BY UTILITY OWNERS AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY PRE-TRENCHING IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
8. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL AT 811 AT LEAST TWO FULL WORKING DAYS PRIOR TO PRE FORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
9. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND FACILITIES.
10. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:


COMPANY	CONTACT	TELEPHONE
AT&T / DISTRIBUTION	STEVE MASSIE	(305) 222-8745
CENTURYLINK	GEORGE MCELVAIN	(303) 992-9931
CITY OF HIALEAH	CEASAR CASTILLO	(305) 556-3700
CITY OF HIALEAH GARDENS	BARBARA JOY	(305) 882-3017
COMCAST CABLE	LEONARD MAXWELL	(954) 447-8405
DADE COUNTY PUBLIC WORKS & TRAFFIC	OCTAVIO VIDAL	(305) 412-0891
FDOT 6 ITS	TROY GAETA	(954) 422-5618
FIBERLIGHT LLC.	ROLAND RUIZ	(305) 691-8710
FLORIDA CITY GAS	THOMAS MILLER	(305) 470-5757
FLORIDA GAS TRANSMISSION	JOSEPH E. SANCHEZ	(407) 838-7171
FPL - DADE	TRACY STERN	(800) 868-9554
FPL FIBERNET LLC	DANNY HASKETT	(305) 552-2931
LEVEL 3 COMMUNICATIONS	NETWORK RELATIONS	(877) 366-8344
MCI	BRYAN LANTZ	(813) 740-1231
MIAMI-DADE WATER & SEWER	SERGIO GARCIA	(786) 268-5320
TOWN OF MEDLEY UTILS DEPT	JOSE CORZO	(305) 889-1915

11. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE WATER AND SEWER LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
12. IF THE CONTRACTOR IS REQUIRED TO SUPPORT EXISTING UTILITIES, COST SHALL BE INCLUDED IN THE ASSOCIATED PAY-ITEM FOR THE WORK BEING DONE.
13. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
14. CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
15. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED. COST TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
16. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE INCLUDING ADJACENT UTILITIES DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
17. IF SHEETING, SHORING, OR DEWATERING, INCLUDING WELL POINTS ARE NECESSARY, THE CONTRACTOR MUST MONITOR AND CONTROL ALL WORK THAT MAY CAUSE CRACKING TO ANY ADJACENT BUILDING, STRUCTURE, OR PROPERTY AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY THESE OPERATIONS. COST OF SHEETING, SHORING, OR DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE DEWATERING PERMIT, IF THE CONTRACTOR DEEMS IT IS NECESSARY. COST OF THE PERMIT, ACTIVITIES, AND TIME TO PROCURE THE PERMIT SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
19. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AND DESIGNATED STAGING AREA.
20. THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS, DIMENSIONS, AND ELEVATIONS AND SUBMIT THIS INFORMATION WITH THE SHOP DRAWINGS FOR DRAINAGE STRUCTURES PRIOR TO FABRICATION.
21. EXPLORATORY OR PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES, STRUCTURES, FRENCH DRAINS, CONDUITS, POLE FOUNDATIONS AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE TOWN ENGINEER WITH IMMEDIATE NOTIFICATION OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR EXPLORATORY OR PRE-TRENCHING, SURVEY AND BACK FILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.
22. IF ADDITIONAL GEOTECHNICAL INFORMATION IS NECESSARY TO DETERMINE THE CONDITION OF THE EXISTING MATERIAL AT THE JOB SITE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE GEOTECHNICAL EXPLORATION AT NO ADDITIONAL COST TO THE OWNER.

23. ALL TRENCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
24. ALL EXCESS MATERIAL, AS DESIGNATED BY THE ENGINEER, IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
25. ALL DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.

26. EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTORS SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
27. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES AND UTILITIES, WHICH MAY NOT BE SHOWN ON PLANS. ANY STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, AS DETERMINED BY THE ENGINEER, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
28. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT MAY BE REQUIRED FOR TREE REMOVAL. CONTRACTOR SHALL NOTIFY THE MIAMI-DADE COUNTY DEPARTMENT OR REGULATORY AND ECONOMIC RESOURCES (RER) AND THE TOWN OF MEDLEY PRIOR TO REMOVING ANY TREES.
29. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK. COST TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
30. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
31. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES. RELATED TO COST TO BE INCLUDED IN PAY ITEM FOR CLEARING AND GRUBBING.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION, AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE SPECIFICATIONS OUTLINED IN THE PUBLIC WORKS DEPARTMENT MANUAL, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE FDOT DESIGN STANDARDS.
33. THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY THE ENGINEER AND THE TOWN OF MEDLEY POLICE DEPARTMENT.
34. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH THE EXISTING PAVEMENT.
35. COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL ELEVATIONS SHALL BE TAKEN BY A FLORIDA REGISTERED SURVEYOR AND SHOWN ON THE RECORD DRAWINGS.
36. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.

37. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL FINAL ACCEPTANCE BY THE TOWN AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY THE TOWN ENGINEER:
  - A) EASEMENTS IF REQUIRED
  - B) CONTRACTORS WAIVER AND RELEASE OF LIEN
  - C) ABSOLUTE BILL OF SALE
  - D) A CONTRACTORS LETTER OF WARRANTY (I.E., LETTER AGREEMENT)
  - E) TWO 11" X 17" "AS- BUILT" DRAWINGS SHOWING SPECIFIC LOCATIONS, DEPTHS, ETC., OF ALL FACILITIES AS LOCATED BY A LICENSED FLORIDA SURVEYOR, WHICH HAS BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR AND ENDORSED BY THE CONTRACTOR. IN ADDITION THE CONTRACTOR MUST PROVIDE AN ELECTRONIC COPY OF THE "AS- BUILT" DRAWINGS IN CAD (DWG.) FORMAT WITH ALL FACILITIES LOCATED IN THE FLORIDA EAST FIPS 0901 STATE PLANE COORDINATE SYSTEM (NAD83) AND AN ELECTRONIC COPY IN PDF FORMAT OF THE SIGNED AND SEALED "AS- BUILT DRAWINGS.

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		SHEET NO.  8
DATE	DESCRIPTION	DATE	DESCRIPTION			OCF NO. SW-0115	COUNTY MIAMI-DADE	
<b>PROJECT NOTES</b>								



38. EXISTING INLETS, MANHOLES AND PIPES THAT ARE TO REMAIN SHALL BE CLEANED AND DESILTED BY THE CONTRACTOR. COST TO BE INCLUDED IN PAY ITEM 430-94-1 (PIPE DESILTING UP TO 24").

39. ALL EXISTING STORM SEWER MANHOLES ARE TO BE ADJUSTED TO FINAL FINISHED GRADE, INCLUDING THOSE NOT SHOWN IN THE PLANS AND WITHIN THE PROJECT LIMITS BY THE CONTRACTOR. COST TO BE INCLUDED IN ITEM 425-5-1. ALL OTHER EXISTING VALVES AND MANHOLES ARE TO BE ADJUSTED, AS NECESSARY, BY THE UTILITY OWNERS.

40. EXISTING STORM SEWERS (PIPES, FRENCH DRAINS AND/OR SLAB COVERED TRENCHES) IN CONFLICT WITH PROPOSED CONSTRUCTIONS SHALL BE REMOVED. COST OF REMOVAL, DISPOSAL, BACKFILL/NC AND COMPACTING SHALL BE INCLUDED IN ITEM 110-1-1 CLEARING AND GRUBBING AS PER 110-6 OF STANDARD SPECIFICATIONS.

41. ALL WORK AND MATERIALS ASSOCIATED WITH PROPOSED UTILITY CONFLICT BOXES SHALL BE INCLUDED IN THE COST OF THE RELATED DRAINAGE STRUCTURE FOR THE WORK BEING DONE.

42. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.


ENVIRONMENTAL NOTES

1. ALL WORK SHALL FOLLOW ALL APPLICABLE SAFETY REQUIREMENTS (E.G., OSHA, ETC) AND NOTIFICATION MUST BE PROVIDED TO THE APPROPRIATE AGENCIES.

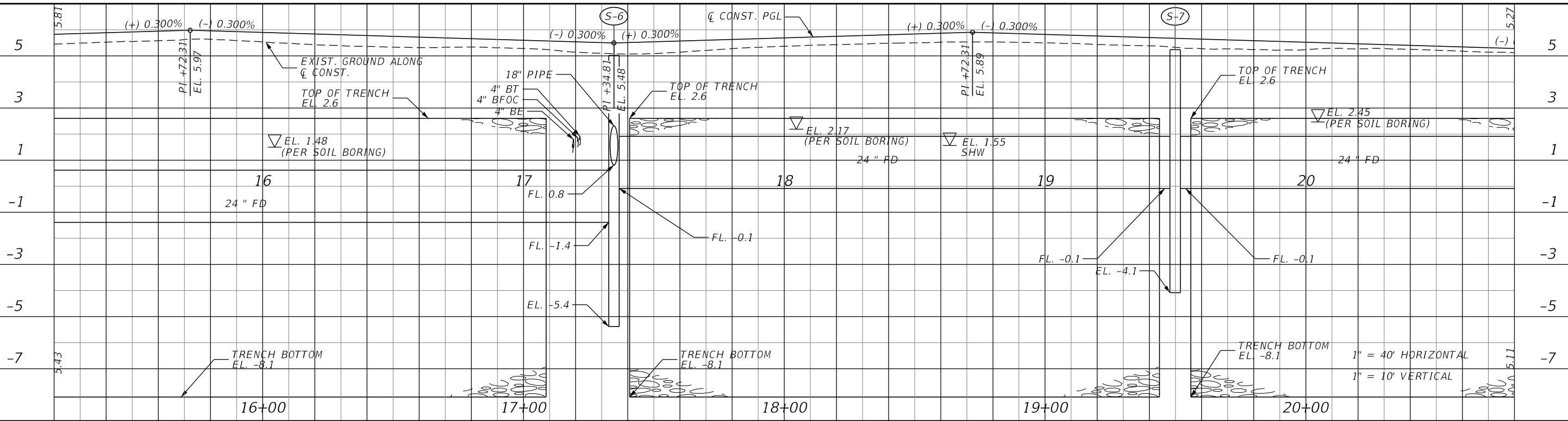
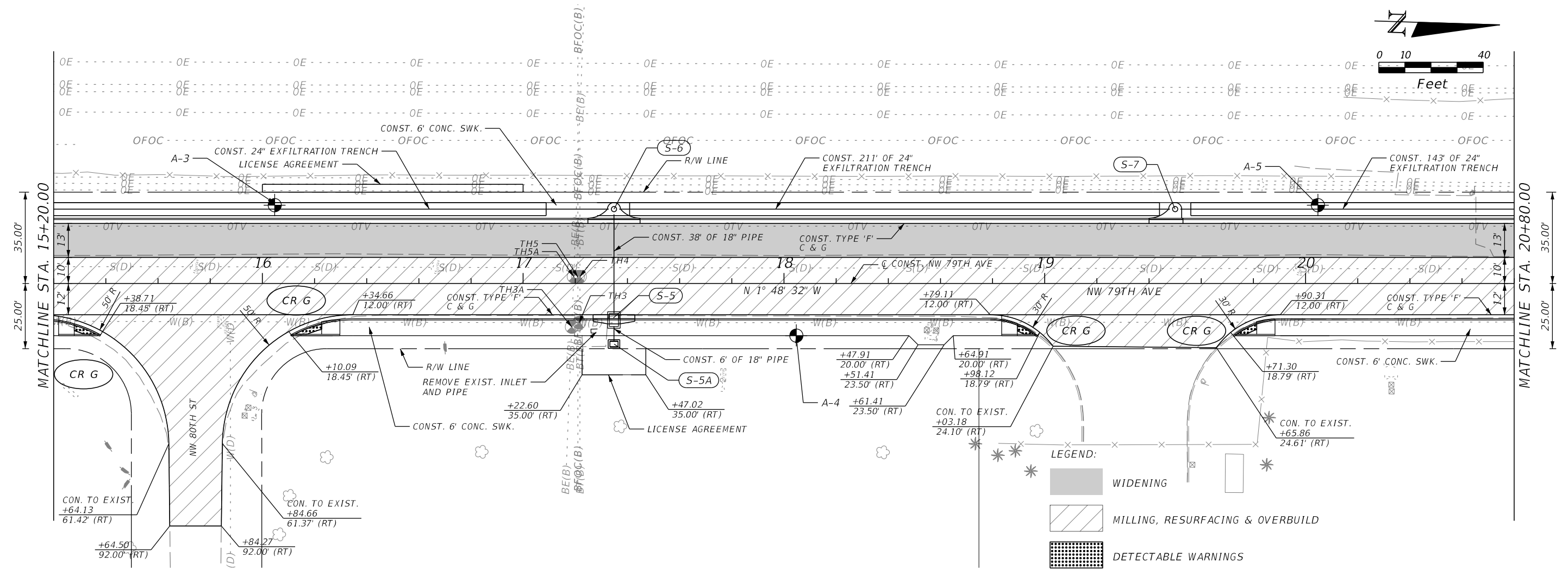
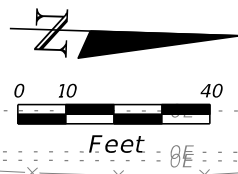
2. APPROVAL FROM OTHER DEPARTMENTS, AND/OR SECTIONS (OF RER) AND OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE SCOPE OF WORK MUST BE OBTAINED PRIOR TO THE IMPLEMENTATION OF THE PROJECT.

3. BE ADVISED THAT IN THE EVENT THAT EVIDENCE OF UNDOCUMENTED GROUND AND/OR GROUND WATER CONTAMINATION IS ENCOUNTERED, THE RESPONSIBLE PARTY OR HIS DESIGNEE IS REQUIRED TO IMMEDIATELY NOTIFY POLLUTION REMEDIATION SECTION (PRS) AT MIAMI-DADE COUNTY. THE PRS CAN BE CONTACTED AT (305) 372-6700.

4. CONTAMINATED SOILS AND BURIED SOLID WASTE MATERIAL EXCAVATED DURING CONSTRUCTION REQUIRE PROPER HANDLING AND DISPOSAL IN ACCORDANCE WITH THE LOCAL, STATE AND FEDERAL REGULATIONS. BE ADVISED THAT THE LANDFILL OWNER/OPERATOR IS THE FINAL AUTHORITY ON DISPOSAL AND MAY HAVE REQUIREMENTS BEYOND THOSE PROVIDED HEREIN. IF DISPOSAL WITHIN A MIAMI-DADE COUNTY OWNED LANDFILL (CLASS 1 LANDFILL) IS APPROPRIATE AND SELECTED, PLEASE CONTACT LEE CASEY OF MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT AT (305) 594-1670 FOR INFORMATION.

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DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY	
						SW-0115	MIAMI-DADE	PROJECT NOTES





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
 P.E. LICENSE NUMBER 68294  
 ATKINS NORTH AMERICA, INC.  
 2001 NW 107 AVENUE  
 MIAMI, FL 33172  
 CERTIFICATE OF AUTHORIZATION NO. 24



TOWN OF MEDLEY  
 COUNTY MIAMI-DADE  
 OCP NO. SW-0115

**ROADWAY  
 PLAN & PROFILE**

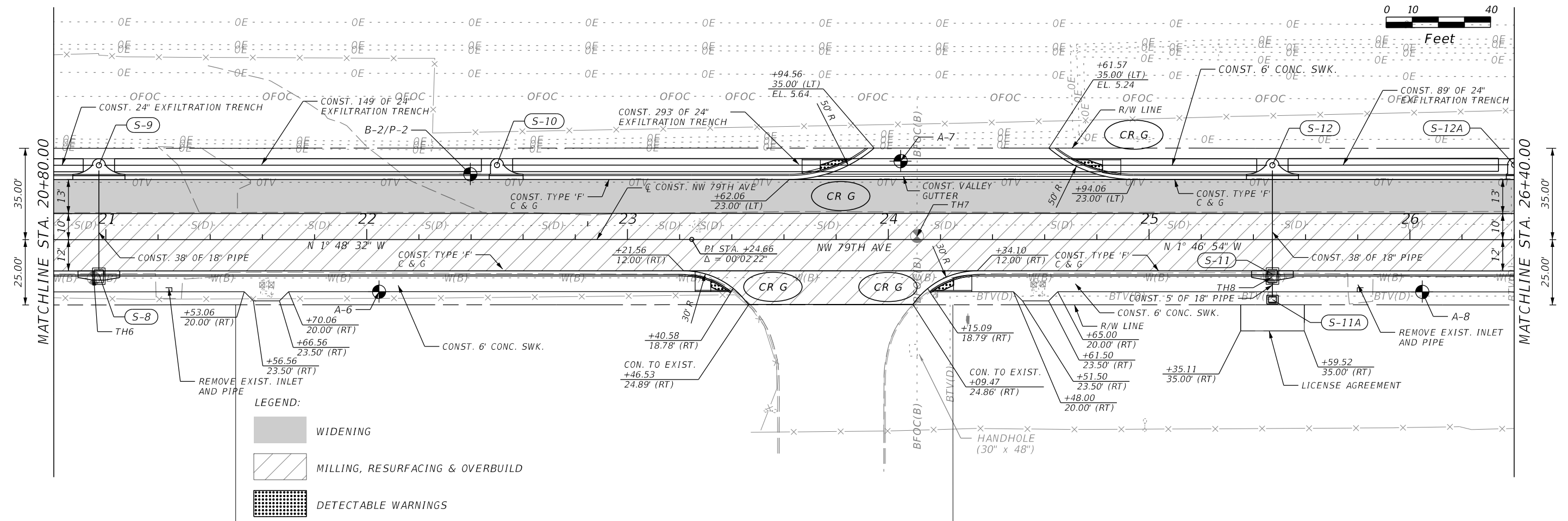
SHEET NO.  
 11

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

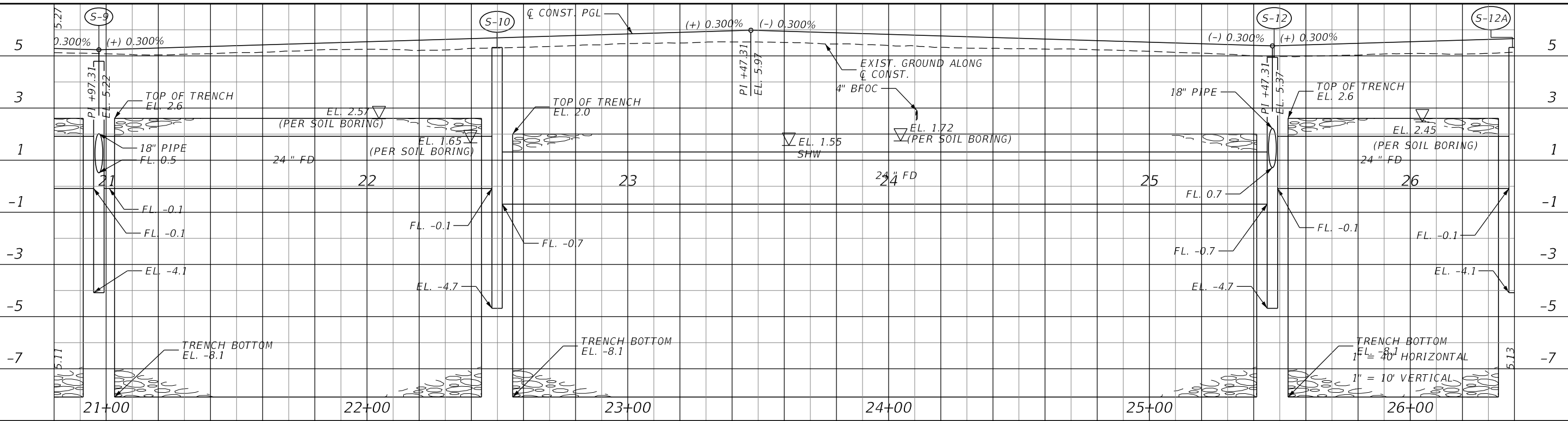


0 10 40

Feet



- LEGEND:**
- WIDENING
  - MILLING, RESURFACING & OVERBUILD
  - DETECTABLE WARNINGS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 2001 NW 107 AVENUE  
 MIAMI, FL 33172  
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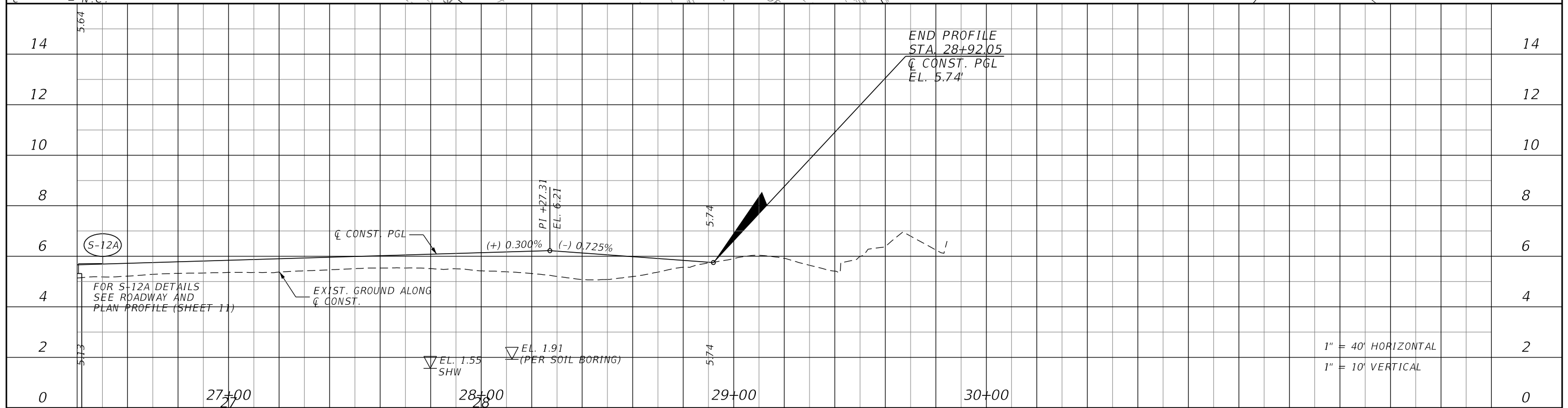
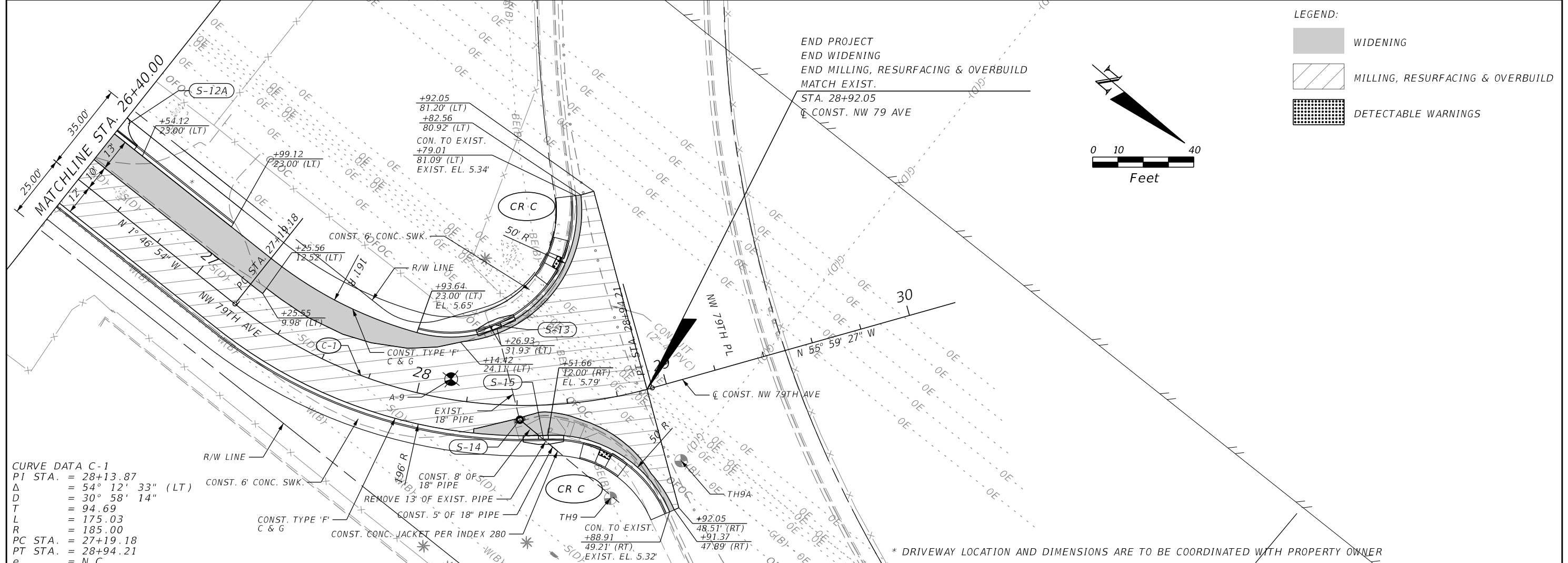
**TOWN OF MEDLEY**

COUNTY	OCP NO.
MIAMI-DADE	SW-0115

**ROADWAY  
 PLAN & PROFILE**

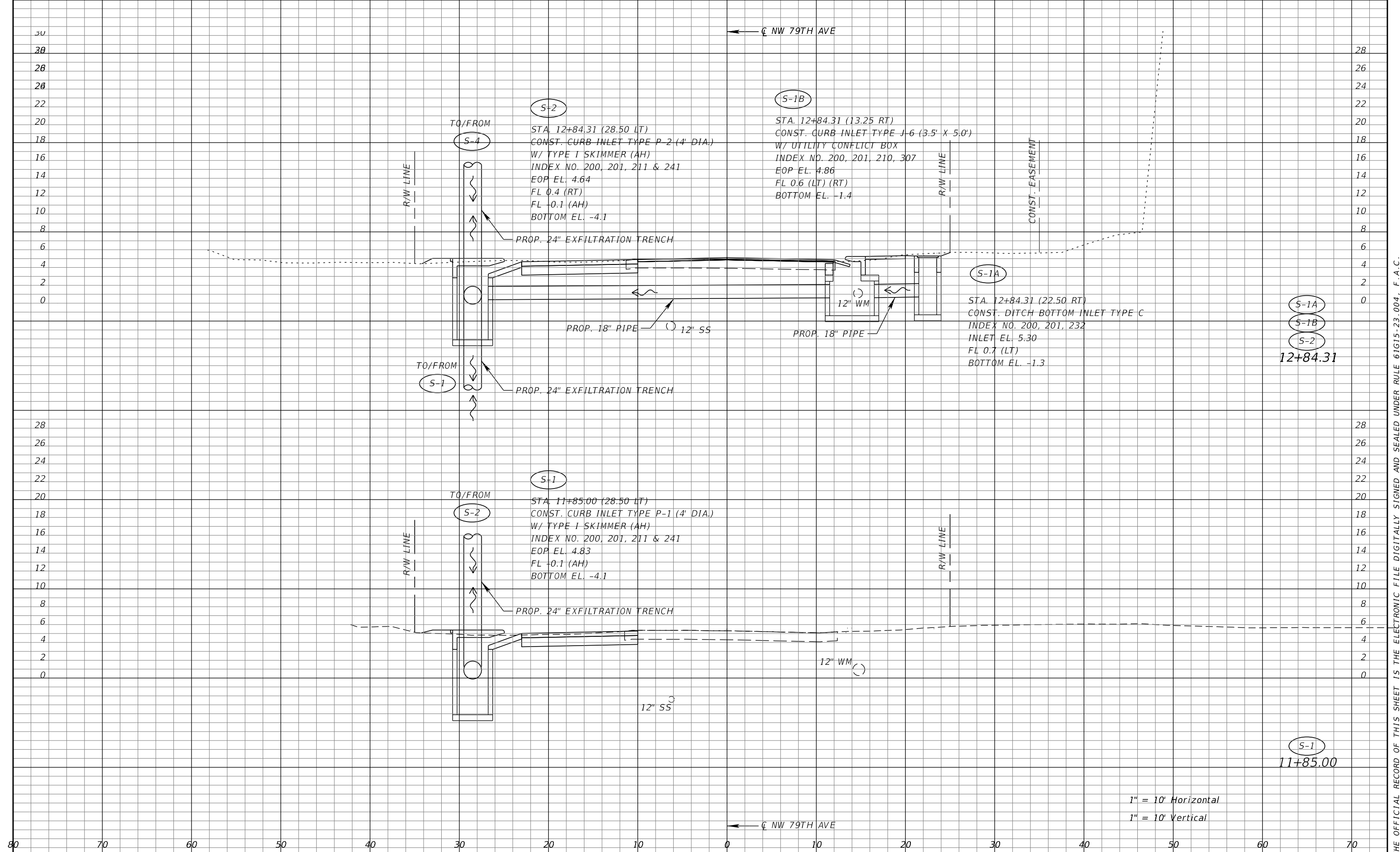
SHEET NO.  
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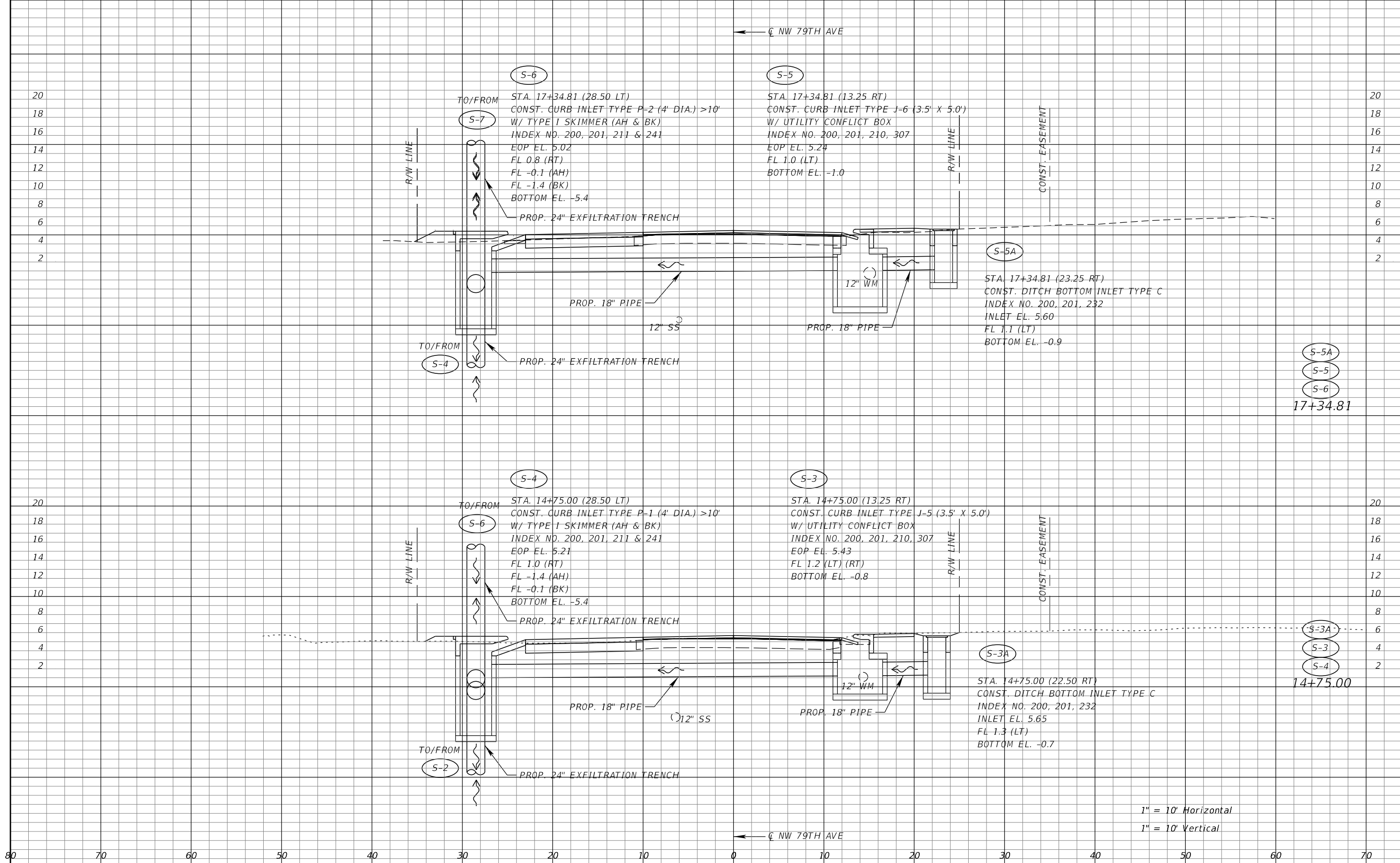
REVISIONS		DESCRIPTION		RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>ROADWAY PLAN &amp; PROFILE</b>	SHEET NO.  13
DATE	DESCRIPTION	DATE	DESCRIPTION			COUNTY	OCP NO.		
						MIAMI-DADE	SW-0115		

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DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY		
						SW-0115	MIAMI-DADE		


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S-5A  
S-5  
S-6  
17+34.81

S-3A  
S-3  
S-4  
14+75.00

1" = 10' Horizontal  
1" = 10' Vertical

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DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY		
						SW0115	MIAMI-DADE		

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← C NW 79TH AVE

S-9

S-8

TO/FROM  
 S-10  
 STA. 20+97.31 (28.50 LT)  
 CONST. CURB INLET TYPE P-2 (4" DIA.)  
 W/ TYPE I SKIMMER (AH & BK)  
 INDEX NO. 200, 201, 211 & 241  
 EOP EL. 4.76  
 FL 0.5 (RT)  
 FL -0.1 (AH) (BK)  
 BOTTOM EL. -4.1

TO/FROM  
 S-8  
 STA. 20+97.31 (13.25 RT)  
 CONST. CURB INLET TYPE J-6 (3.5' X 5.0')  
 W/ UTILITY CONFLICT BOX  
 INDEX NO. 200, 201, 210, 307  
 EOP EL. 4.98  
 FL 0.7 (LT)  
 BOTTOM EL. -1.3

PROP. 24" EXFILTRATION TRENCH

TO/FROM  
 S-7  
 PROP. 24" EXFILTRATION TRENCH

S-7

TO/FROM  
 S-9  
 STA. 19+50.00 (28.50 LT)  
 CONST. CURB INLET TYPE P-1 (4" DIA.)  
 W/ TYPE I SKIMMER (AH & BK)  
 INDEX NO. 200, 201, 211 & 241  
 EOP EL. 5.20  
 FL -0.1 (AH) (BK)  
 BOTTOM EL. -4.1

PROP. 24" EXFILTRATION TRENCH

TO/FROM  
 S-6  
 PROP. 24" EXFILTRATION TRENCH

S-6

12" WM

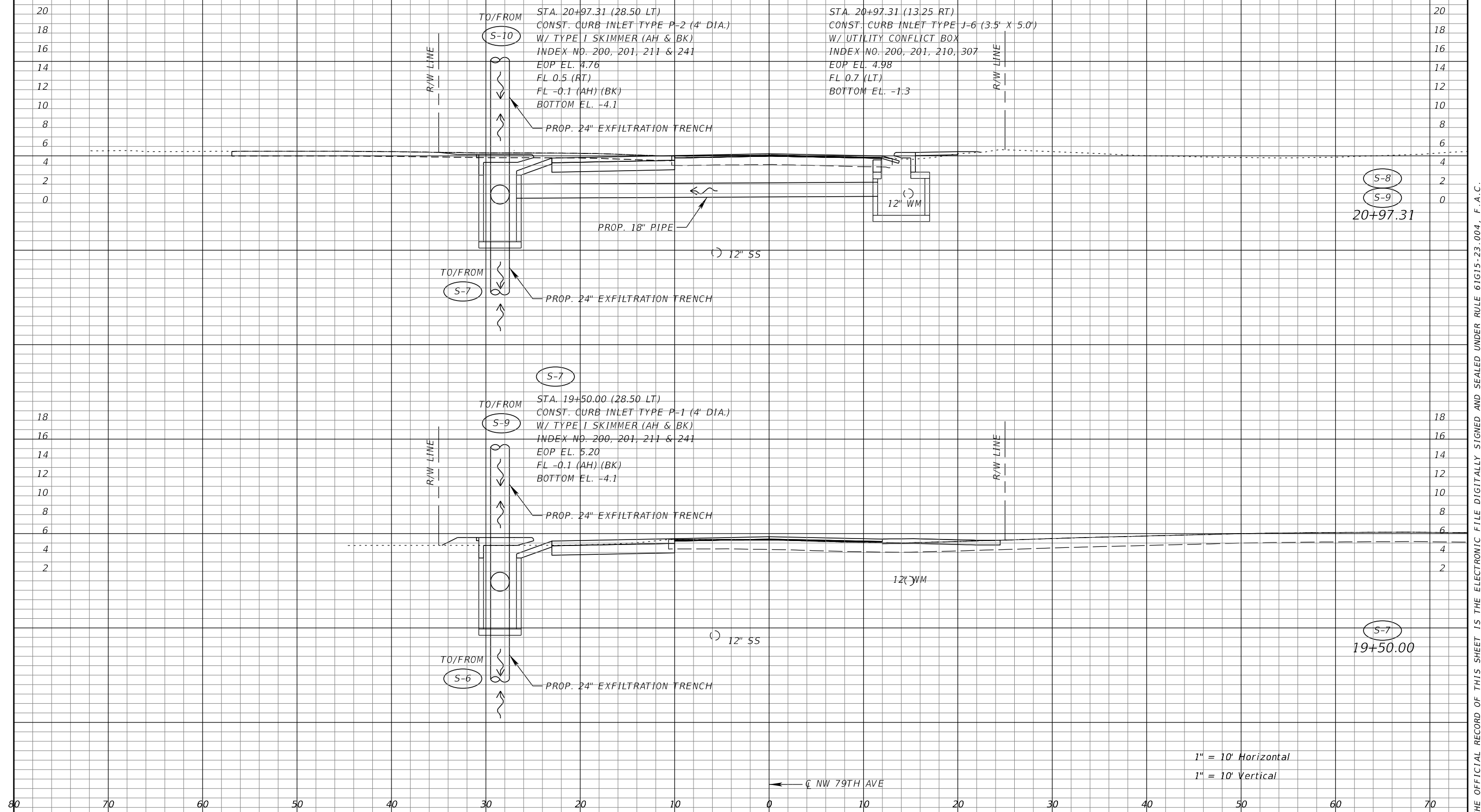
12" SS

S-8  
 S-9  
 20+97.31

S-7  
 19+50.00

1" = 10' Horizontal  
 1" = 10' Vertical

← C NW 79TH AVE



REVISIONS	
DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
 P.E. LICENSE NUMBER 68294  
 ATKINS NORTH AMERICA, INC.  
 2001 NW 107TH AVENUE  
 MIAMI FL, 33172  
 CERTIFICATE OF AUTHORIZATION NO. 24



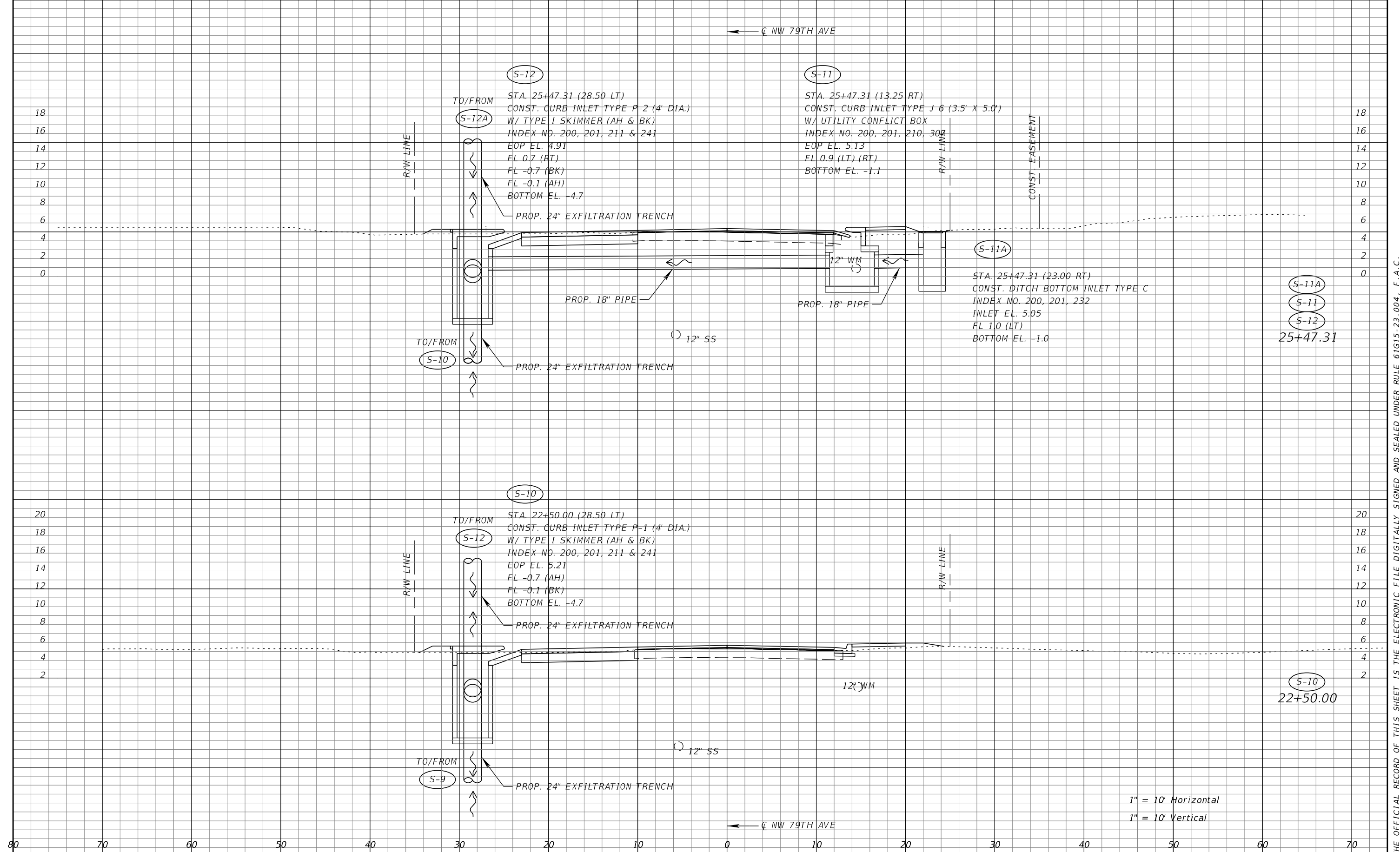
TOWN OF MEDLEY  
 OCP NO. SW0115  
 COUNTY MIAMI-DADE

**DRAINAGE STRUCTURES**

SHEET NO.  
 16

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1" = 10' Horizontal  
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 2001 NW 107TH AVENUE  
 MIAMI FL, 33172  
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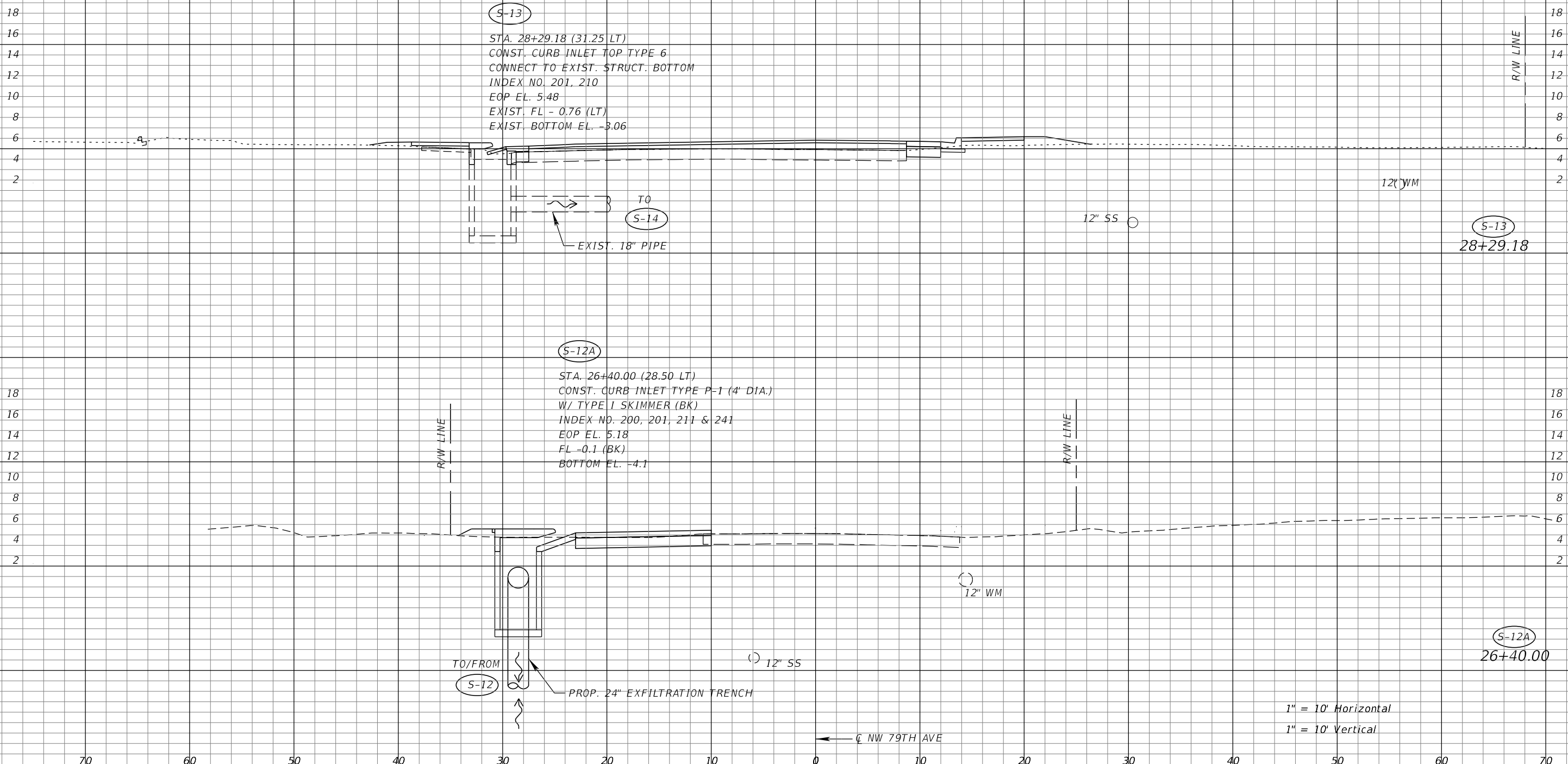
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 COUNTY MIAMI-DADE

**DRAINAGE STRUCTURES**

SHEET NO.  
 17

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← C NW 79TH AVE



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
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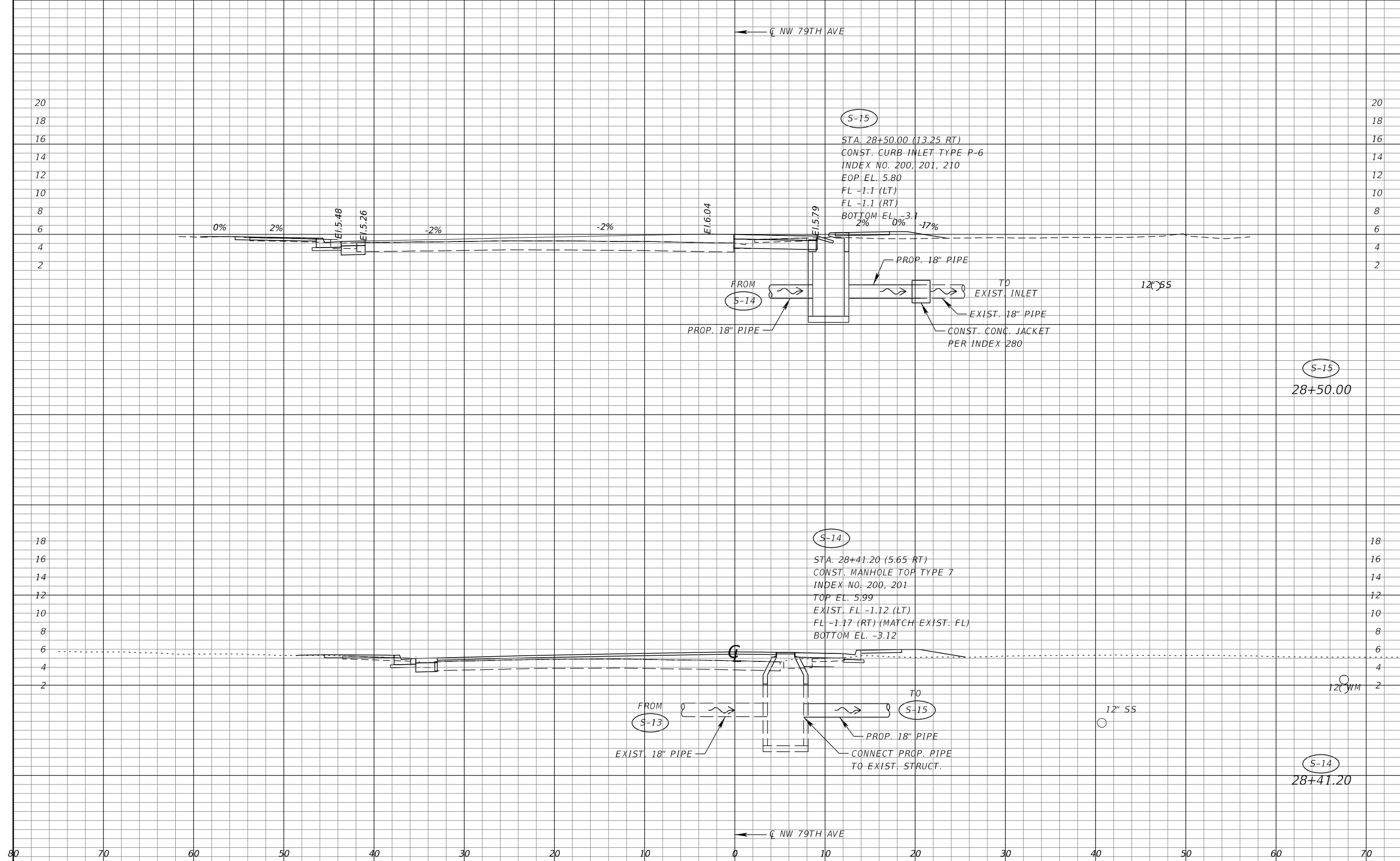


TOWN OF MEDLEY  
OCP NO. SW0115  
COUNTY MIAMI-DADE

**DRAINAGE STRUCTURES**

SHEET NO. 18

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S-15

STA. 28+50.00 (13.25 RT)  
 CONST. CURB INLET TYPE P-6  
 INDEX NO. 200, 201, 210  
 EOP EL. 5.80  
 FL -1.1 (LT)  
 FL -1.1 (RT)  
 BOTTOM EL. -3.1  
 2% 0% -17%

FROM S-14

TO EXIST. INLET

PROP. 18" PIPE  
 EXIST. 18" PIPE  
 CONST. CONC. JACKET PER INDEX 280

12" SS

S-15

28+50.00

S-14

STA. 28+41.20 (5.65 RT)  
 CONST. MANHOLE TOP TYPE 7  
 INDEX NO. 200, 201  
 TOP EL. 5.99  
 EXIST. FL -1.12 (LT)  
 FL -1.17 (RT) (MATCH EXIST. FL)  
 BOTTOM EL. -3.12

FROM S-13

TO S-15

EXIST. 18" PIPE  
 PROP. 18" PIPE  
 CONNECT PROP. PIPE TO EXIST. STRUCT.

12" SS

S-14

28+41.20

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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 2001 NW 107TH AVENUE  
 MIAMI FL, 33172  
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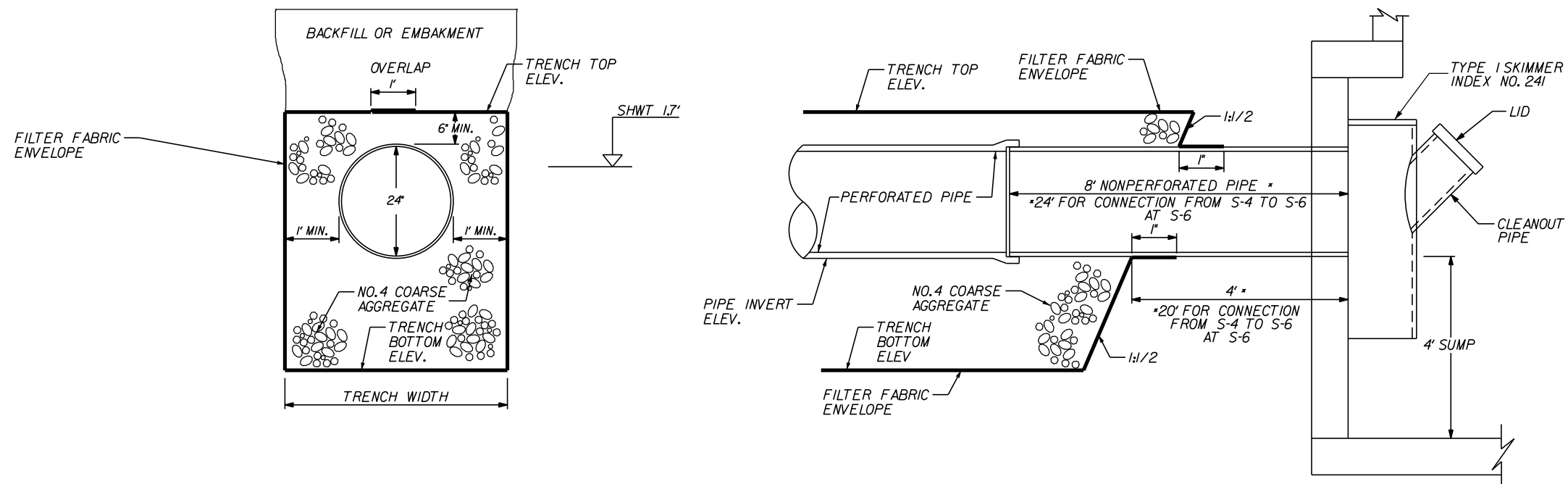


TOWN OF MEDLEY  
 OCP NO. SW0115  
 COUNTY MIAMI-DADE

**DRAINAGE STRUCTURES**

SHEET NO. 19


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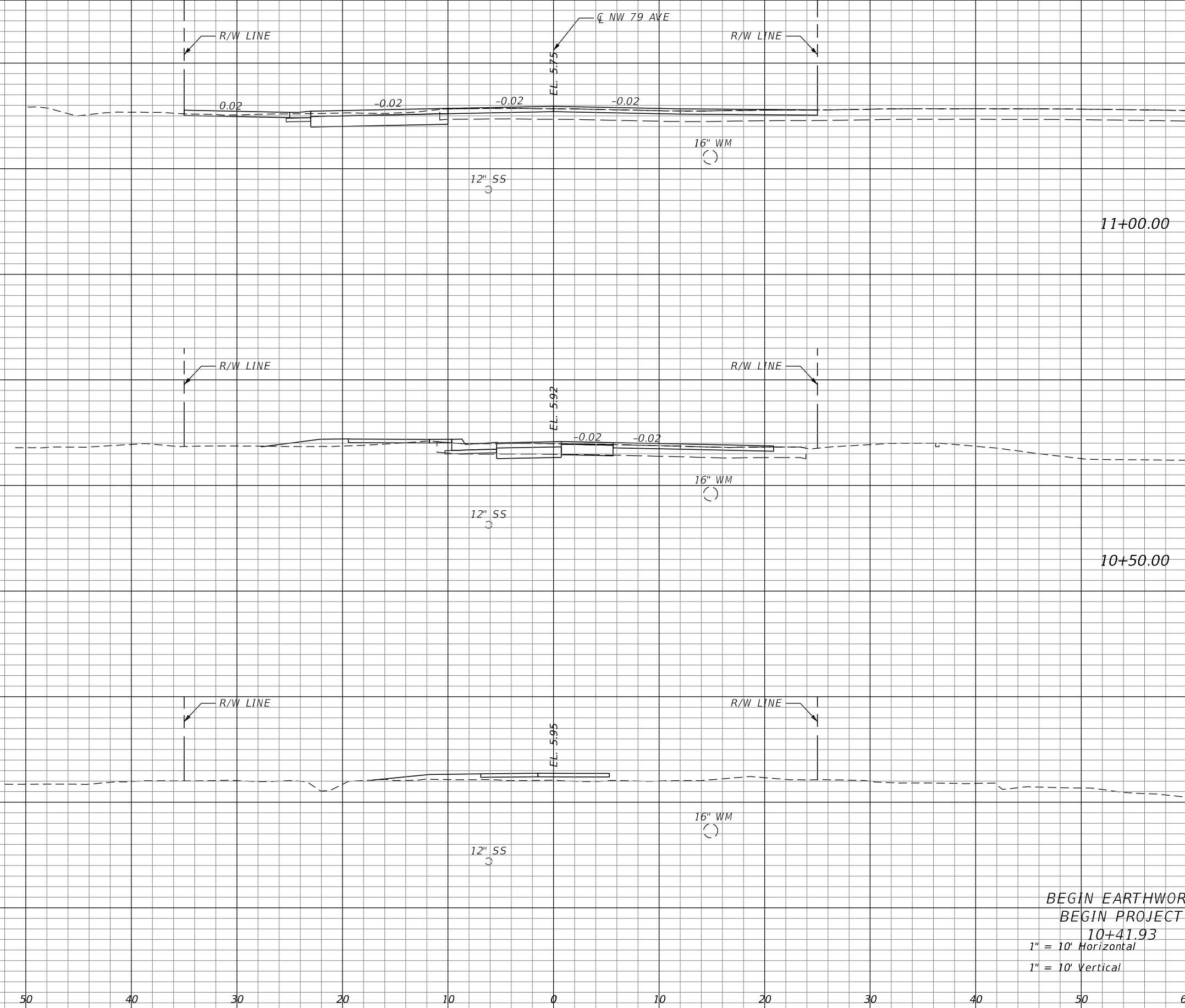
STRUCT.		TRENCH TOP ELEV.(NAVD)	TRENCH BOTTOM ELEV.(NAVD)	TRENCH WIDTH (LF)	** TRENCH LENGTH (LF)	PIPE INVERT ELEV.(NAVD)
FROM	TO					
S-1	S-2	2.60	-8.10	4.0	79	-0.1
S-2	S-4	2.60	-8.10	4.0	171	-0.1
S-4	S-6	2.60	-8.10	4.0	224	-1.4
S-6	S-7	2.60	-8.10	4.0	195	-0.1
S-7	S-9	2.60	-8.10	4.0	127	-0.1
S-9	S-10	2.60	-8.10	4.0	133	-0.1
S-10	S-12	2.00	-8.10	4.0	277	-0.7
S-12	S-12A	2.60	-8.10	4.0	73	-0.1

\*\*TRENCH LENGTH IS THE TOTAL LENGTH OF THE PERFORATED PIPE WHICH EXCLUDES THE 8 LF REQUIRED WHEN CONNECTING TO INLETS

EXFILTRATION TRENCH DETAILS

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107TH AVENUE MIAMI FL, 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>DRAINAGE DETAILS</b>	SHEET NO.  20
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO. SW-0115	COUNTY MIAMI-DADE		

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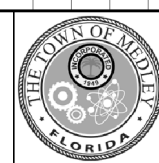


Regular		Exc.		Embankment	
A	V	A	V	A	V
30	42	5	9		
14	2	5	2		
0	0	8	0		

BEGIN EARTHWORK  
 BEGIN PROJECT  
 10+41.93  
 1" = 10' Horizontal  
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 ATKINS NORTH AMERICA, INC.  
 2001 NW 107 AVENUE  
 MIAMI, FL 33172  
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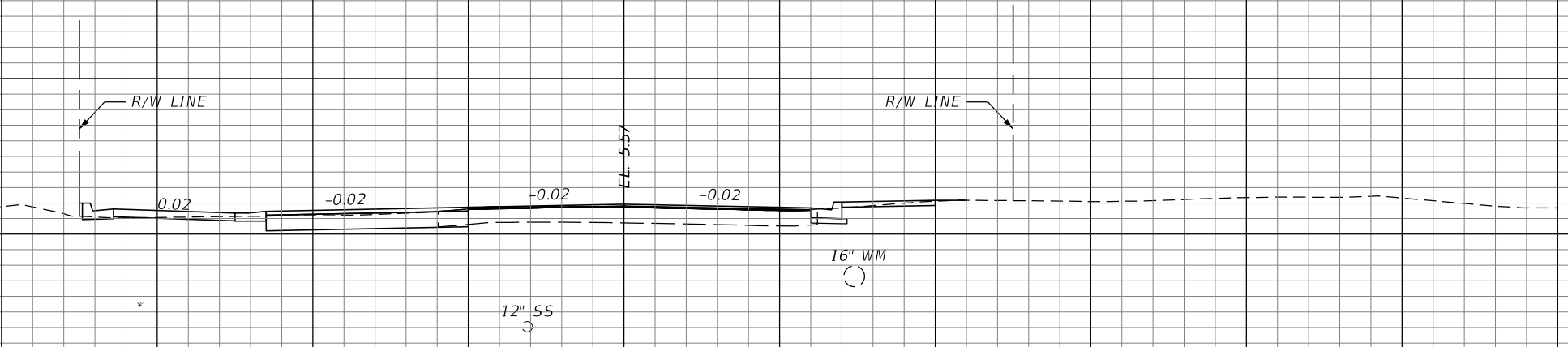
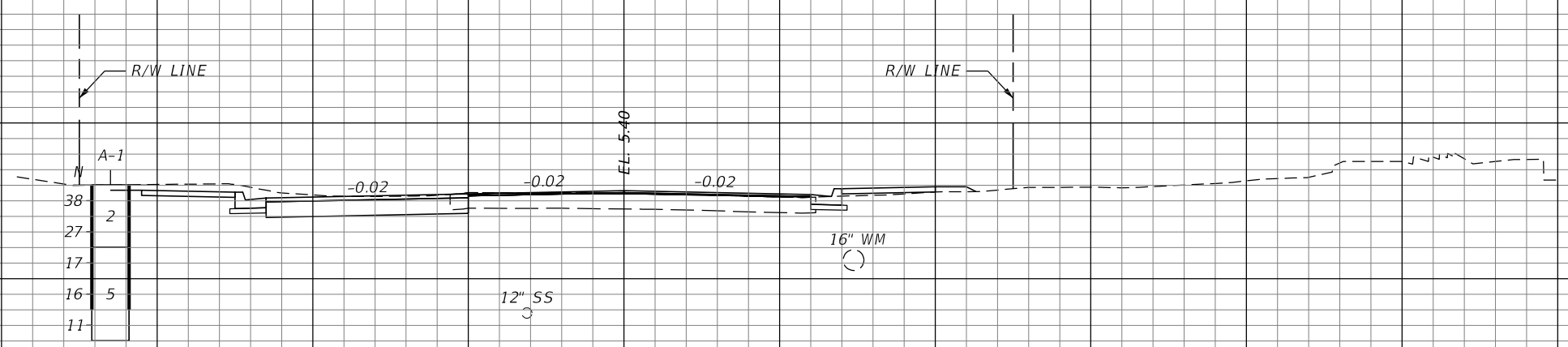
TOWN OF MEDLEY  
 COUNTY MIAMI-DADE  
 OCP NO. SW0115

CROSS SECTIONS

SHEET NO. 21

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Regular		Exc.		Embankment	
A	V	A	V	A	V
29	45	1	1		
21	47	0	5		



\* DRIVEWAY LOCATION AND DIMENSIONS ARE TO BE COORDINATED WITH PROPERTY OWNER

1" = 10' Horizontal  
1" = 10' Vertical

60 50 40 30 20 10 0 10 20 30 40 50 60

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MIAMI, FL 33172  
CERTIFICATE OF AUTHORIZATION NO. 24



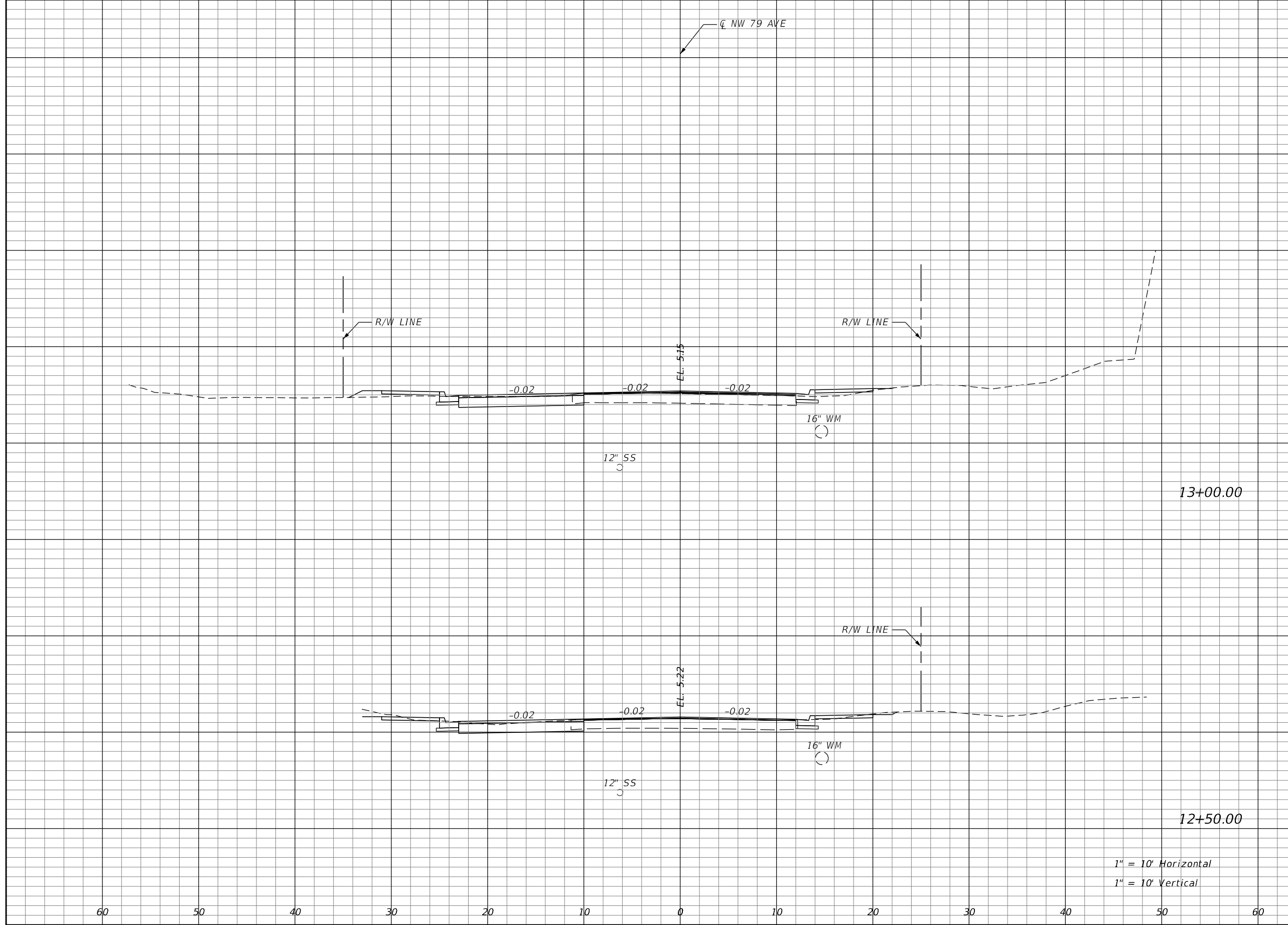
TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

CROSS SECTIONS

SHEET NO. 22

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

Regular		Exc.		Embankment	
A	V	A	V	A	V
18			36	4	4
22			47	0	1



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
P.E. LICENSE NUMBER 68294  
ATKINS NORTH AMERICA, INC.  
2001 NW 107 AVENUE  
MIAMI, FL 33172  
CERTIFICATE OF AUTHORIZATION NO. 24



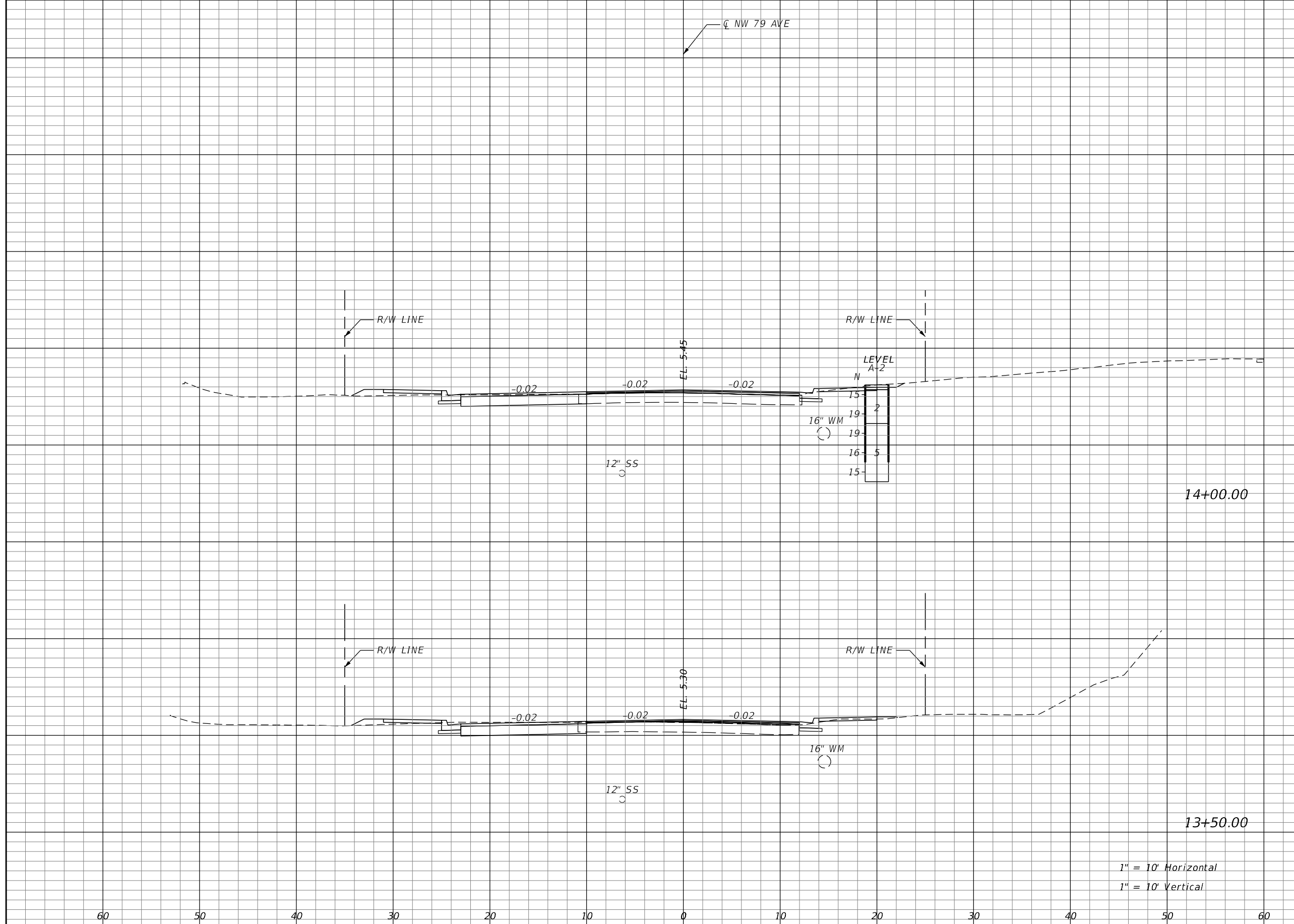
TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 23

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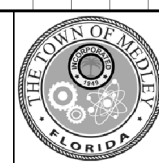
Regular		Exc.		Embankment	
A	V	A	V	A	V
21	40	3	6		
22	36	4	8		



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

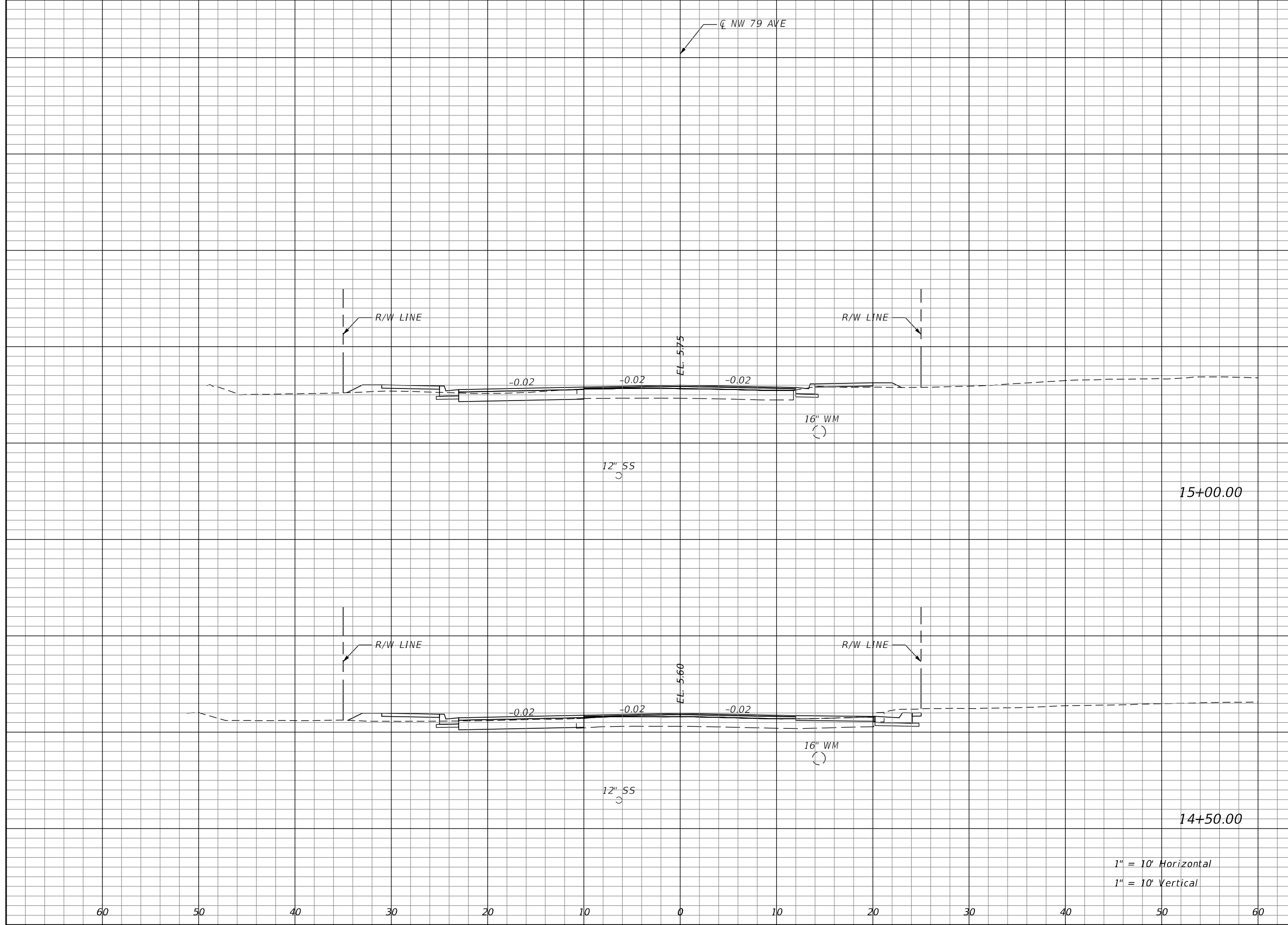
**CROSS SECTIONS**

SHEET NO. 24

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Regular		Exc.		Embankment	
A	V	A	V	A	V
15	35	5	10		
23	41	5	7		



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
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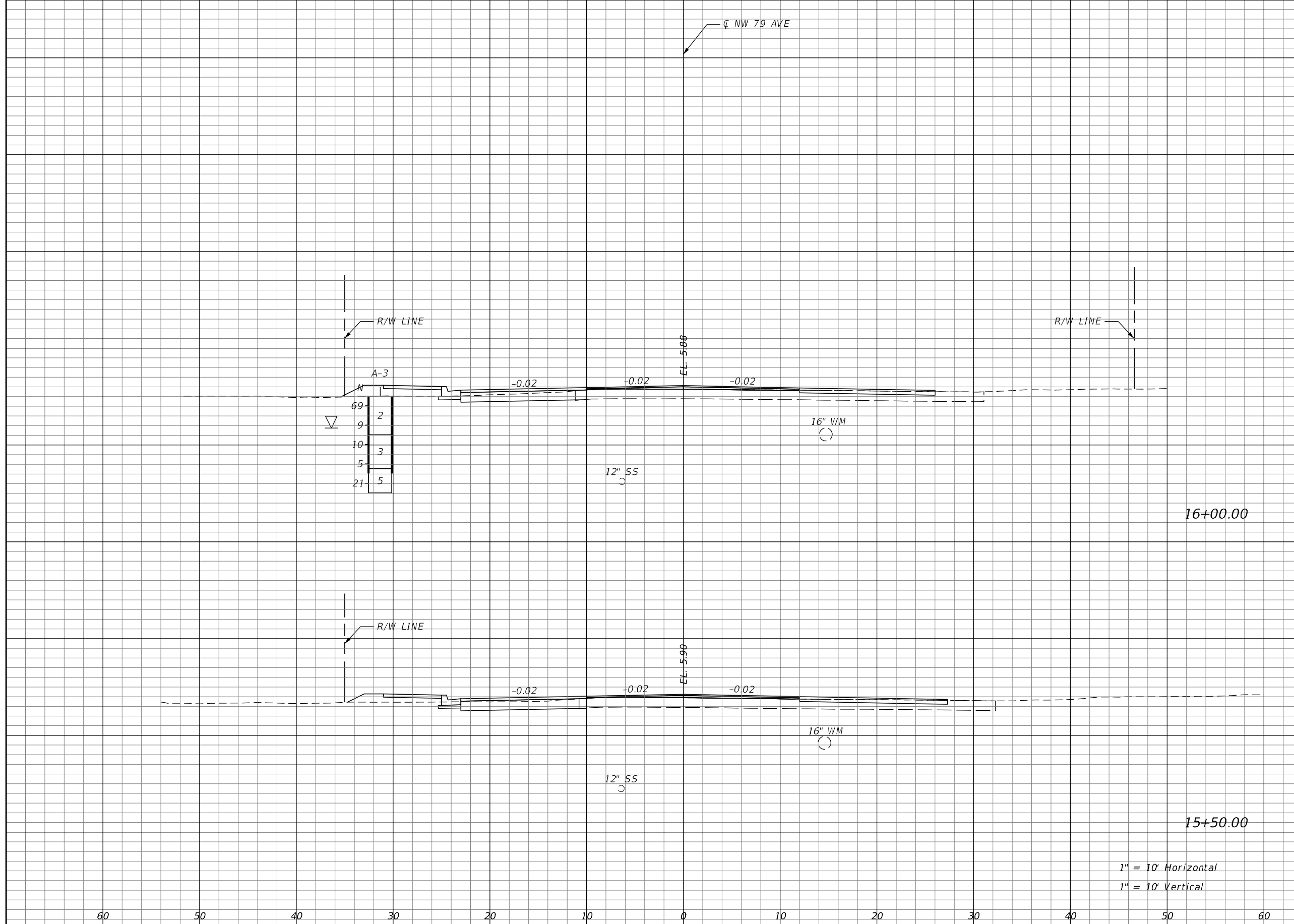
TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 25

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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2001 NW 107 AVENUE  
MIAMI, FL 33172  
CERTIFICATE OF AUTHORIZATION NO. 24

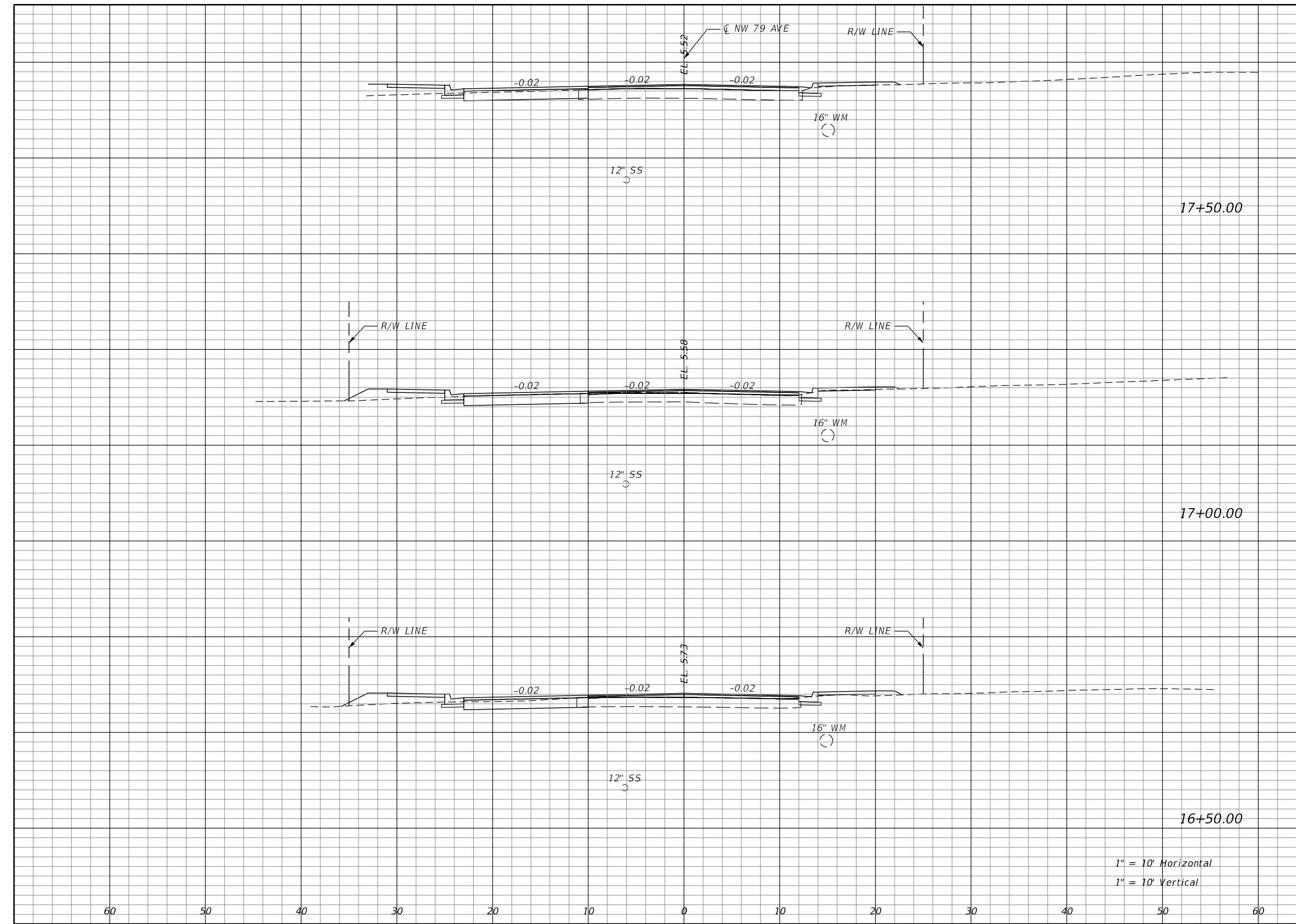


TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 26

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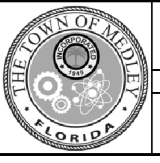


Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
17+50.00	14	29	7	14		
17+00.00	18	30	8	16		
16+50.00	15	28	9	16		

1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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2001 NW 107 AVENUE  
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CERTIFICATE OF AUTHORIZATION NO. 24

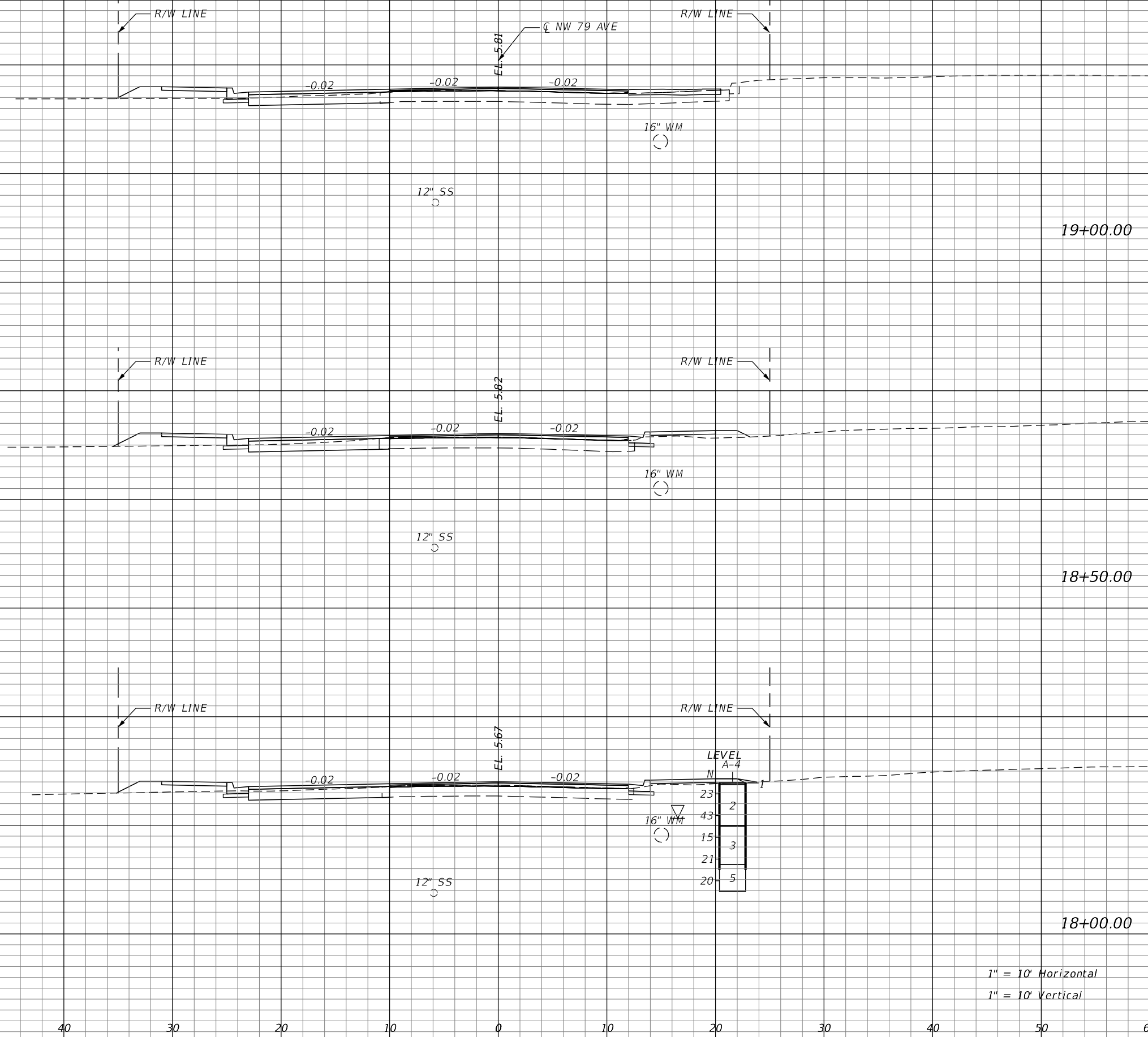


**TOWN OF MEDLEY**  
COUNTY: MIAMI-DADE  
OCP NO.: SW0115

**CROSS SECTIONS**

SHEET NO.  
27

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

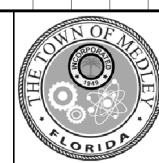


Regular		Exc.		Embankment	
A	V	A	V	A	V
15	26	8			17
13	27	11			18

1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CERTIFICATE OF AUTHORIZATION NO. 24



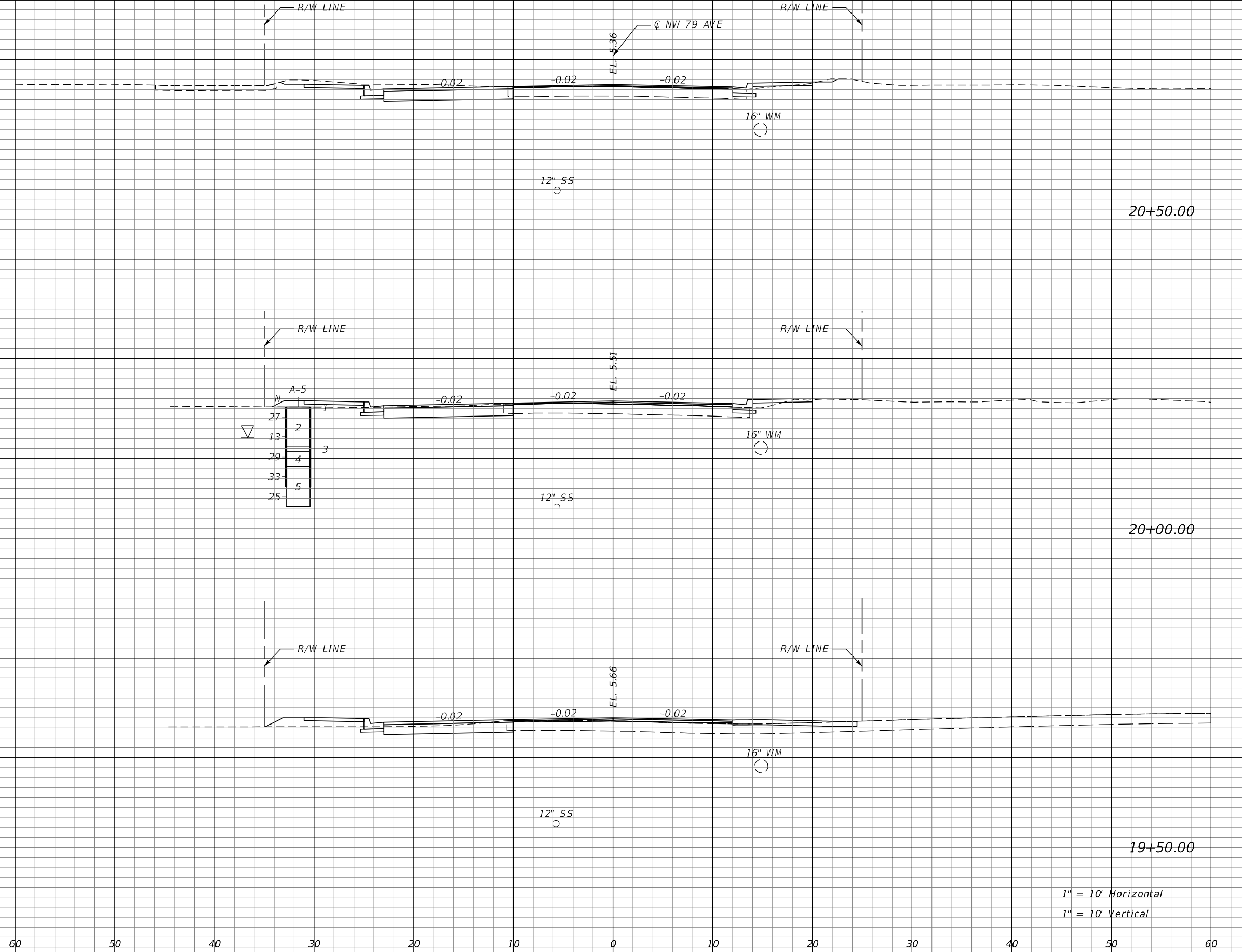
TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 28

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

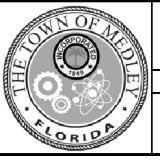
Regular		Exc.		Embankment	
A	V	A	V	A	V
31			45	0	4



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ATKINS NORTH AMERICA, INC.  
2001 NW 107 AVENUE  
MIAMI, FL 33172  
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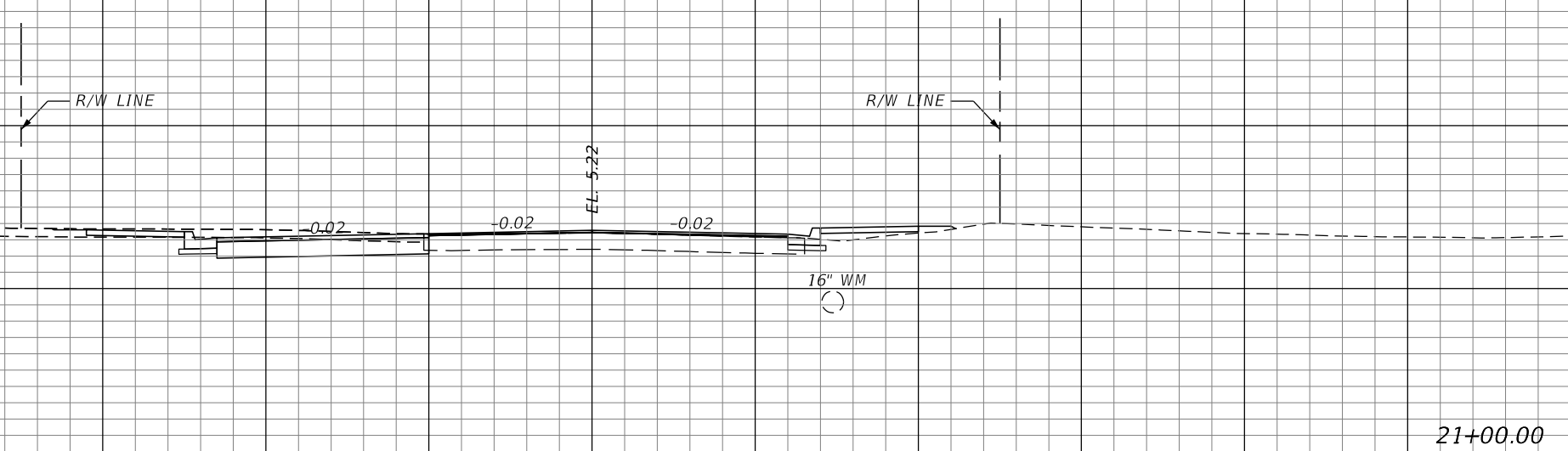
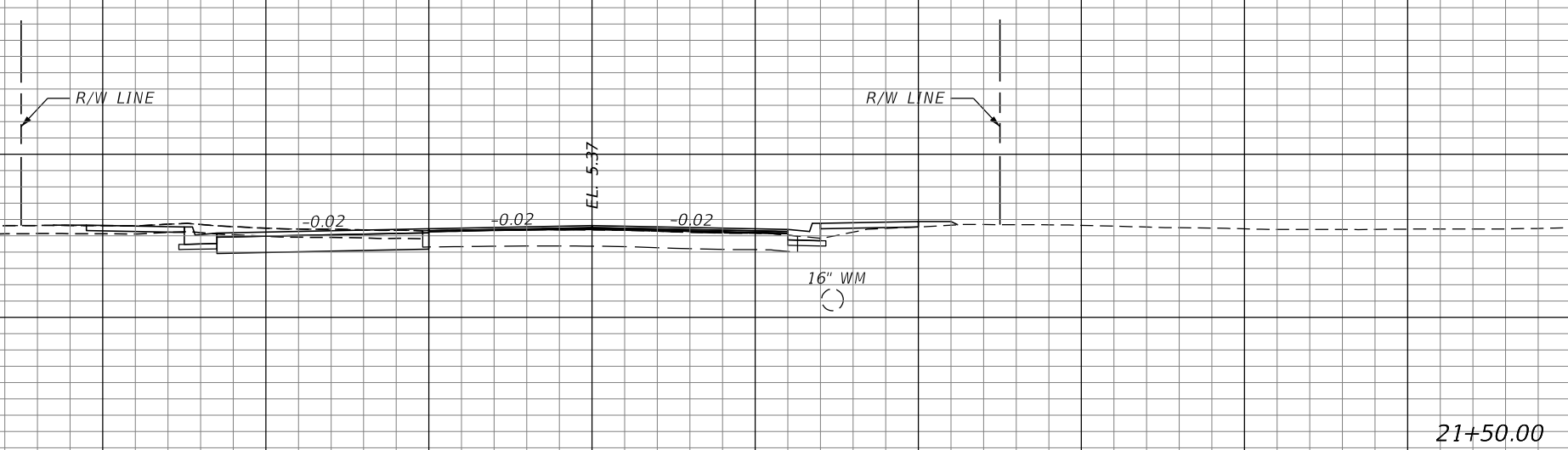
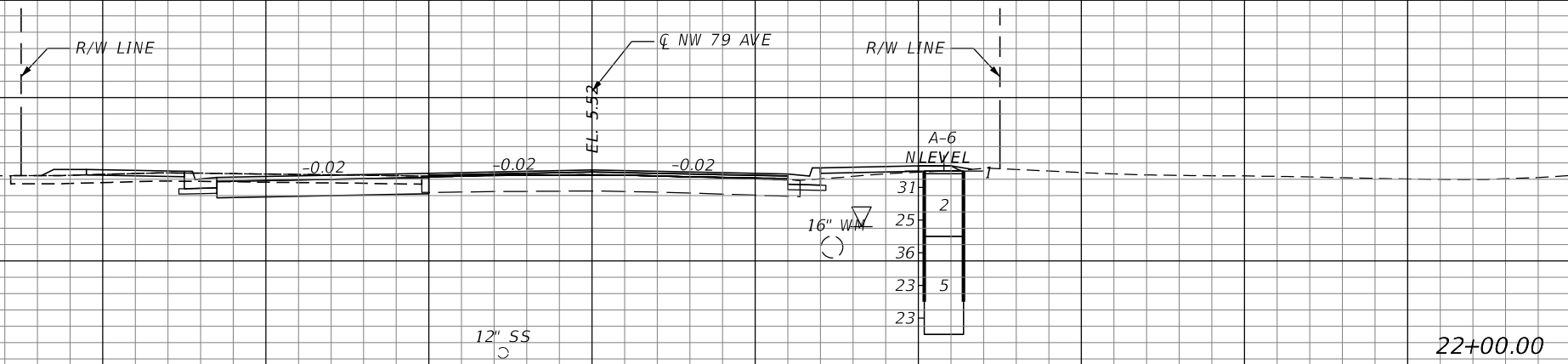


TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 29

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

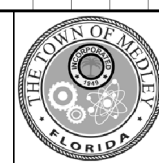


1" = 10' Horizontal  
 1" = 10' Vertical

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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 ATKINS NORTH AMERICA, INC.  
 2001 NW 107 AVENUE  
 MIAMI, FL 33172  
 CERTIFICATE OF AUTHORIZATION NO. 24



TOWN OF MEDLEY  
 COUNTY: MIAMI-DADE  
 OCP NO.: SW0115

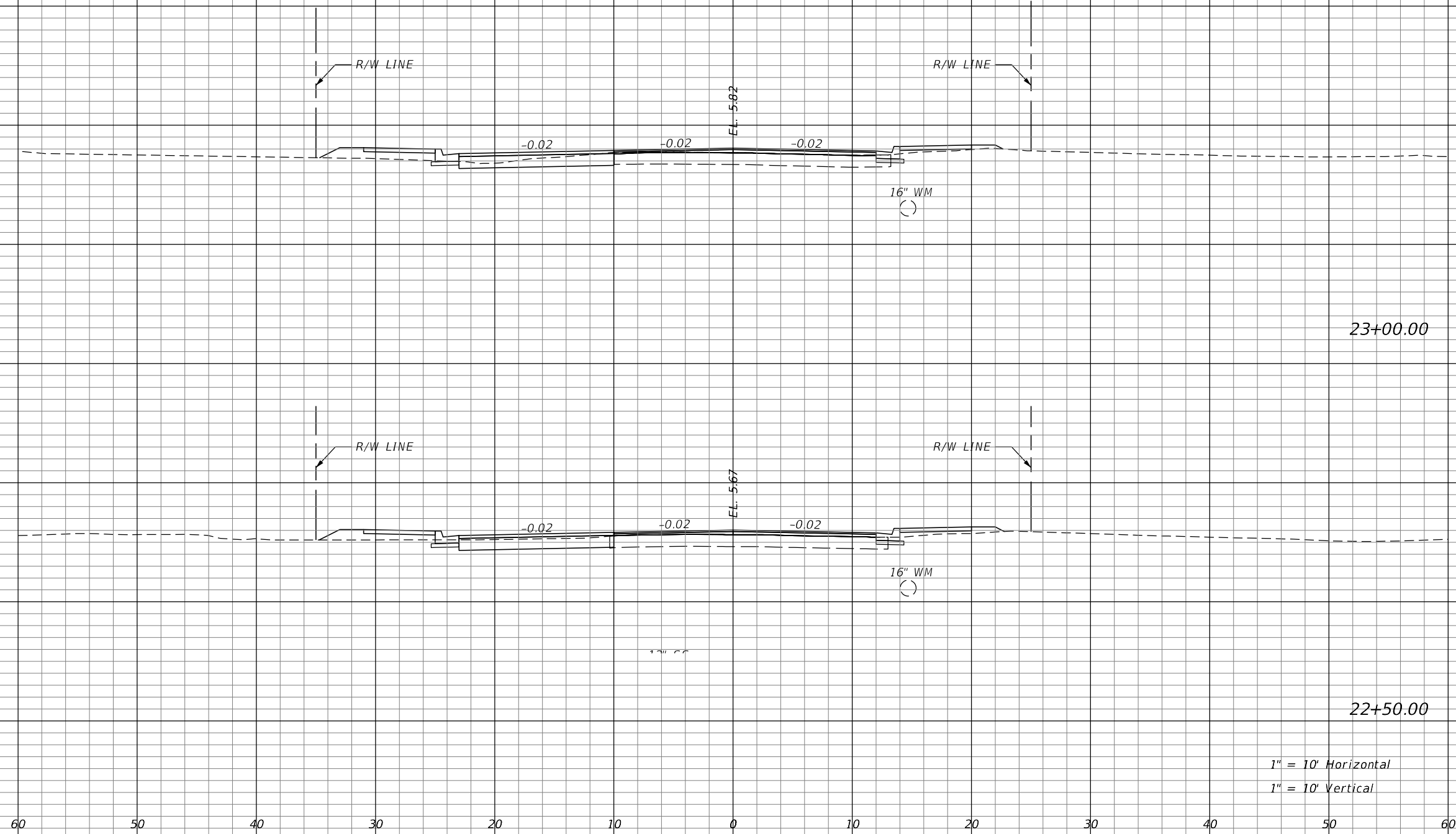
**CROSS SECTIONS**

SHEET NO.  
 30

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

CL NW 79 AVE



23+00.00

22+50.00

1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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2001 NW 107 AVENUE  
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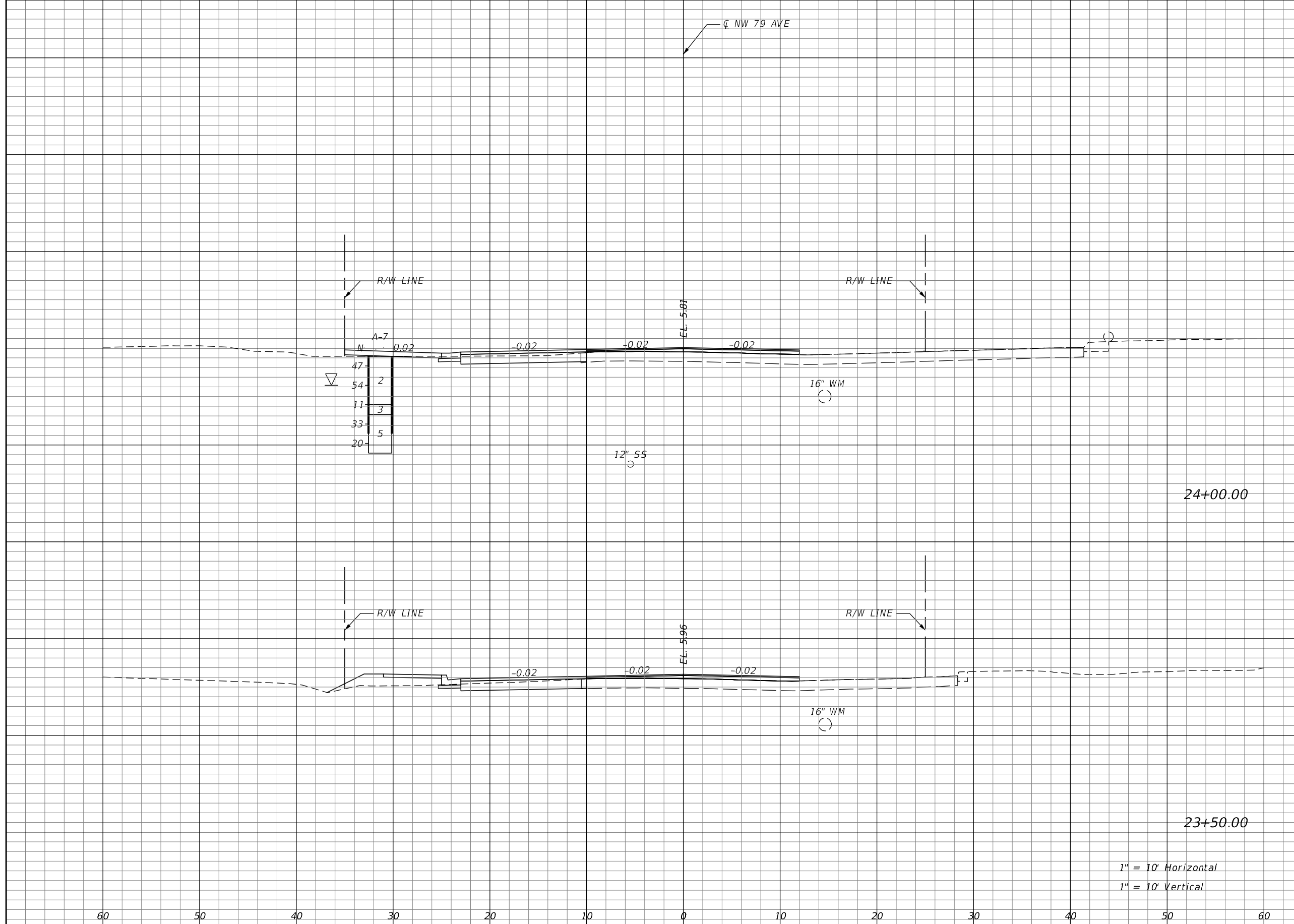
TOWN OF MEDLEY	
COUNTY	OCP NO.
MIAMI-DADE	SW0115

<b>CROSS SECTIONS</b>	
31	

SHEET NO.  
31

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

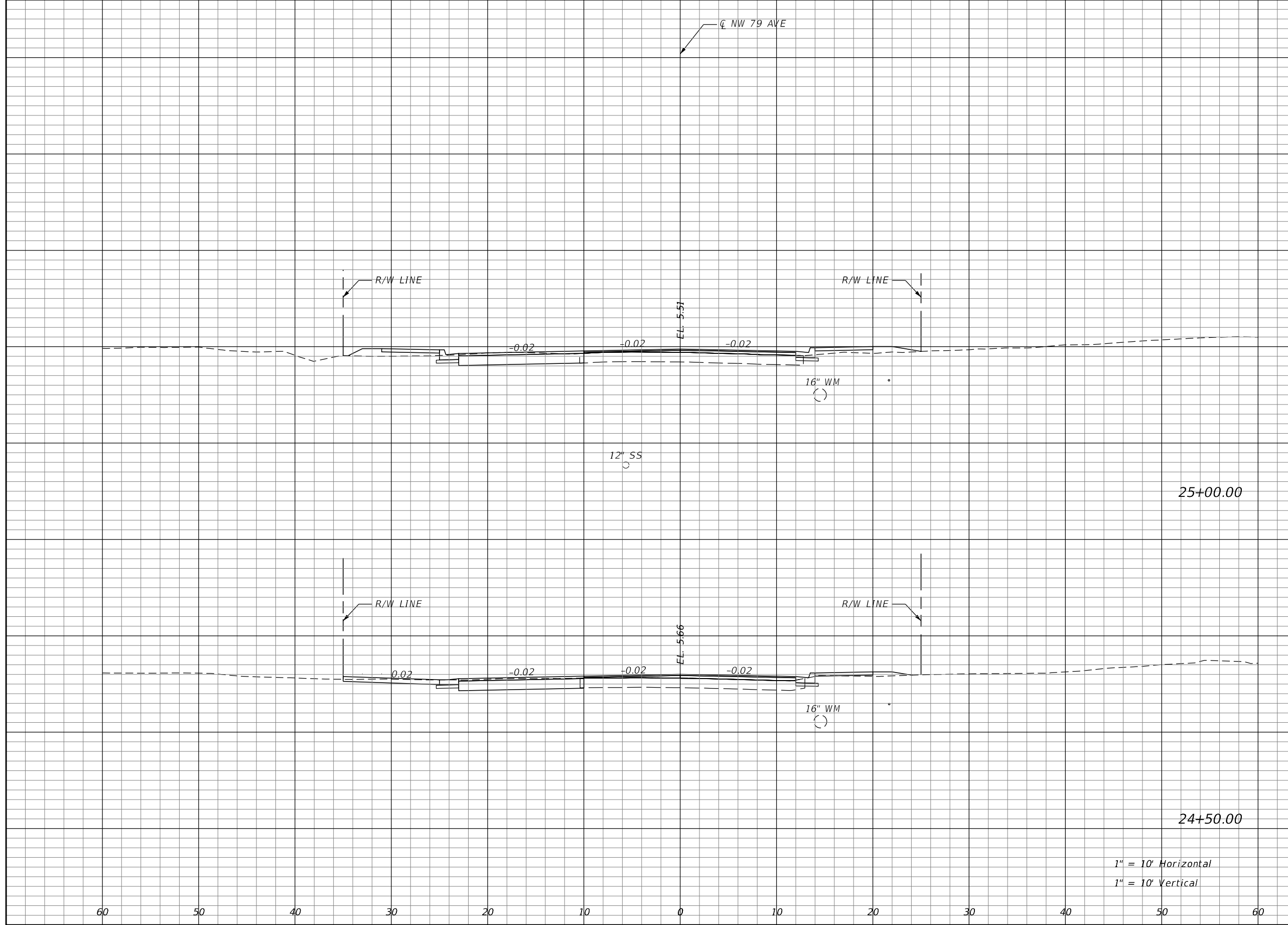
**CROSS SECTIONS**

SHEET NO. 32

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
18		33		8	12



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CERTIFICATE OF AUTHORIZATION NO. 24



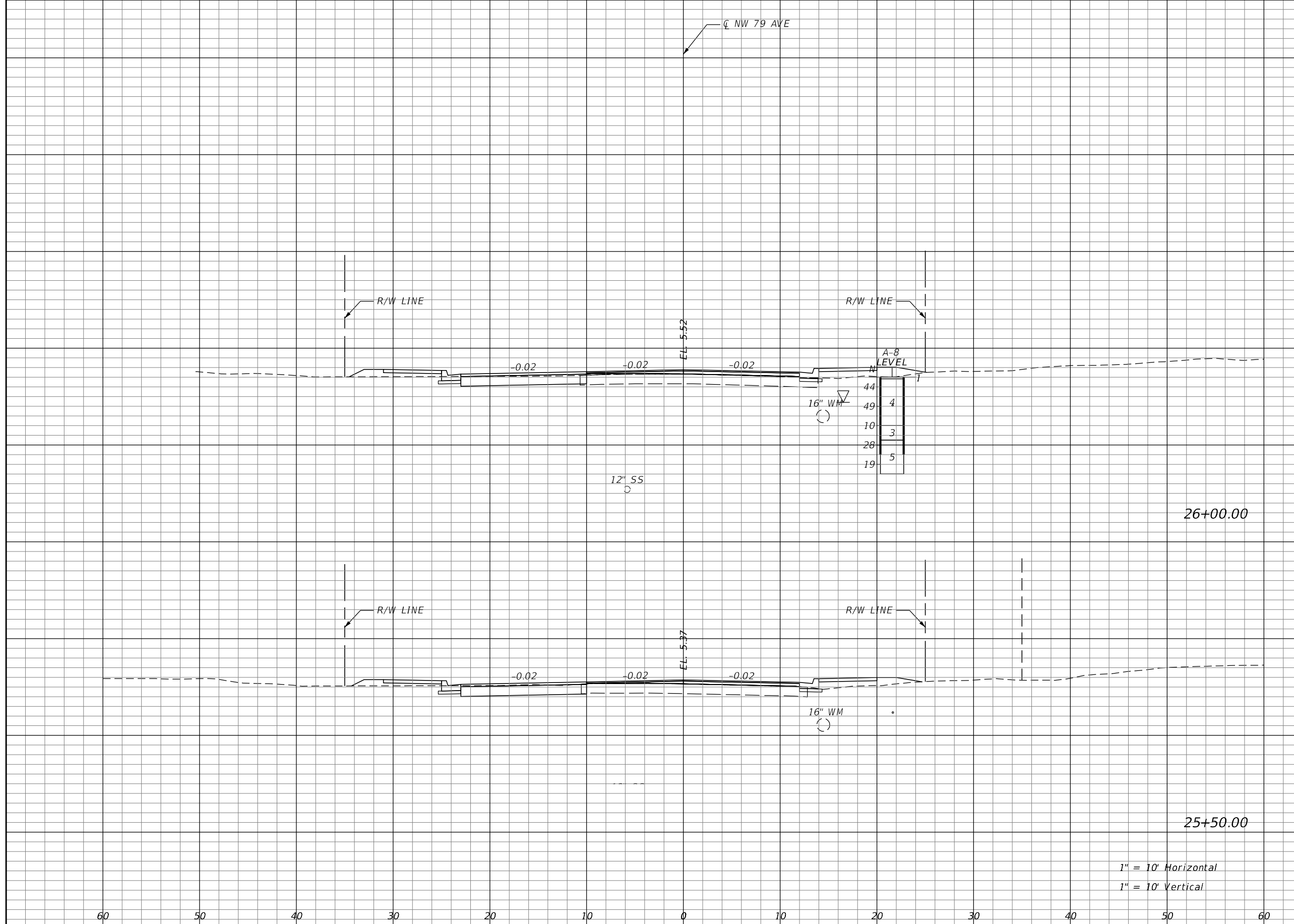
TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO.  
33

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



26+00.00

25+50.00

1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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2001 NW 107 AVENUE  
MIAMI, FL 33172  
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TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

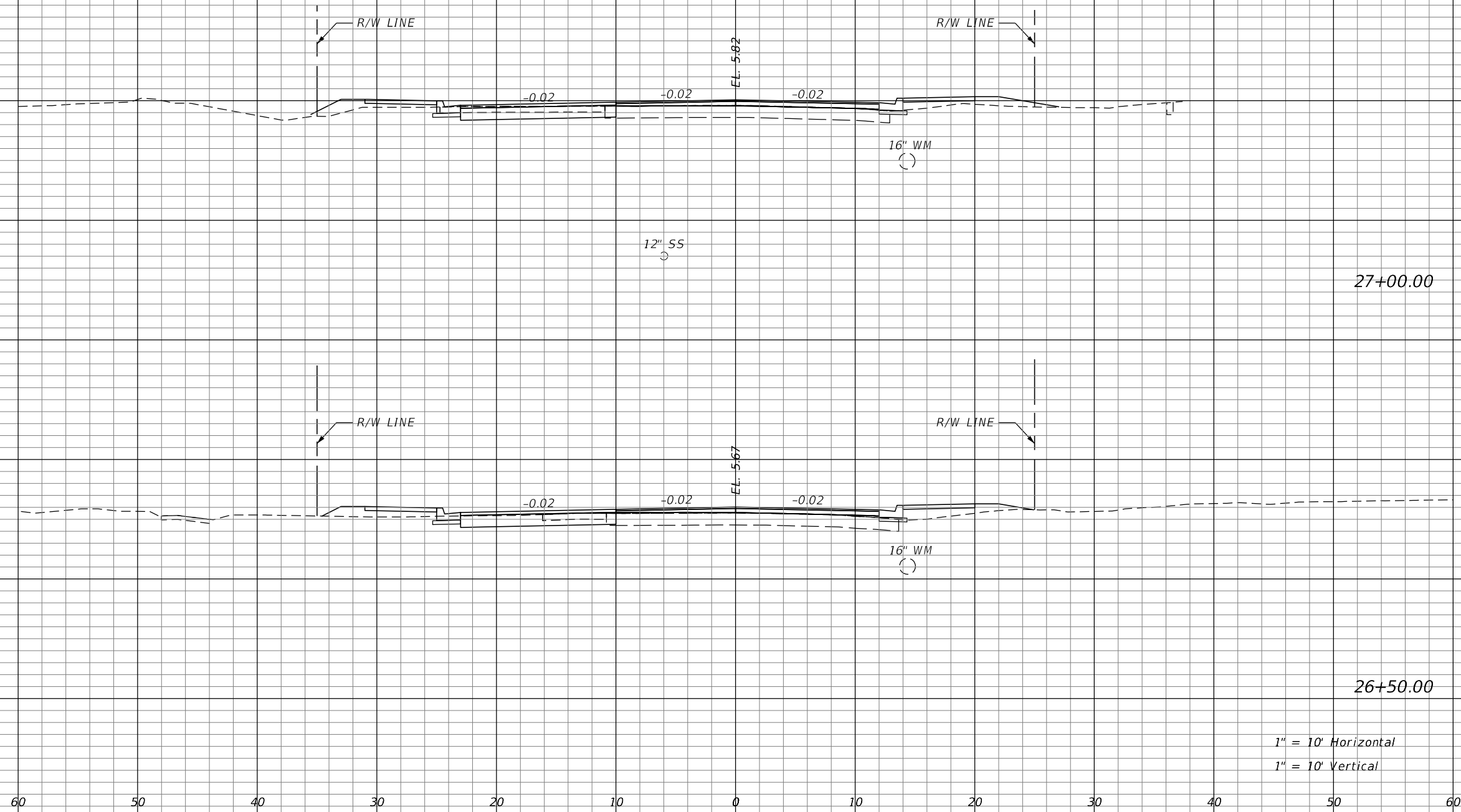
**CROSS SECTIONS**

SHEET NO.  
34

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

Regular		Exc.		Embankment	
A	V	A	V	A	V
17		30		11	
					21

CL NW 79 AVE



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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2001 NW 107 AVENUE  
MIAMI, FL 33172  
CERTIFICATE OF AUTHORIZATION NO. 24



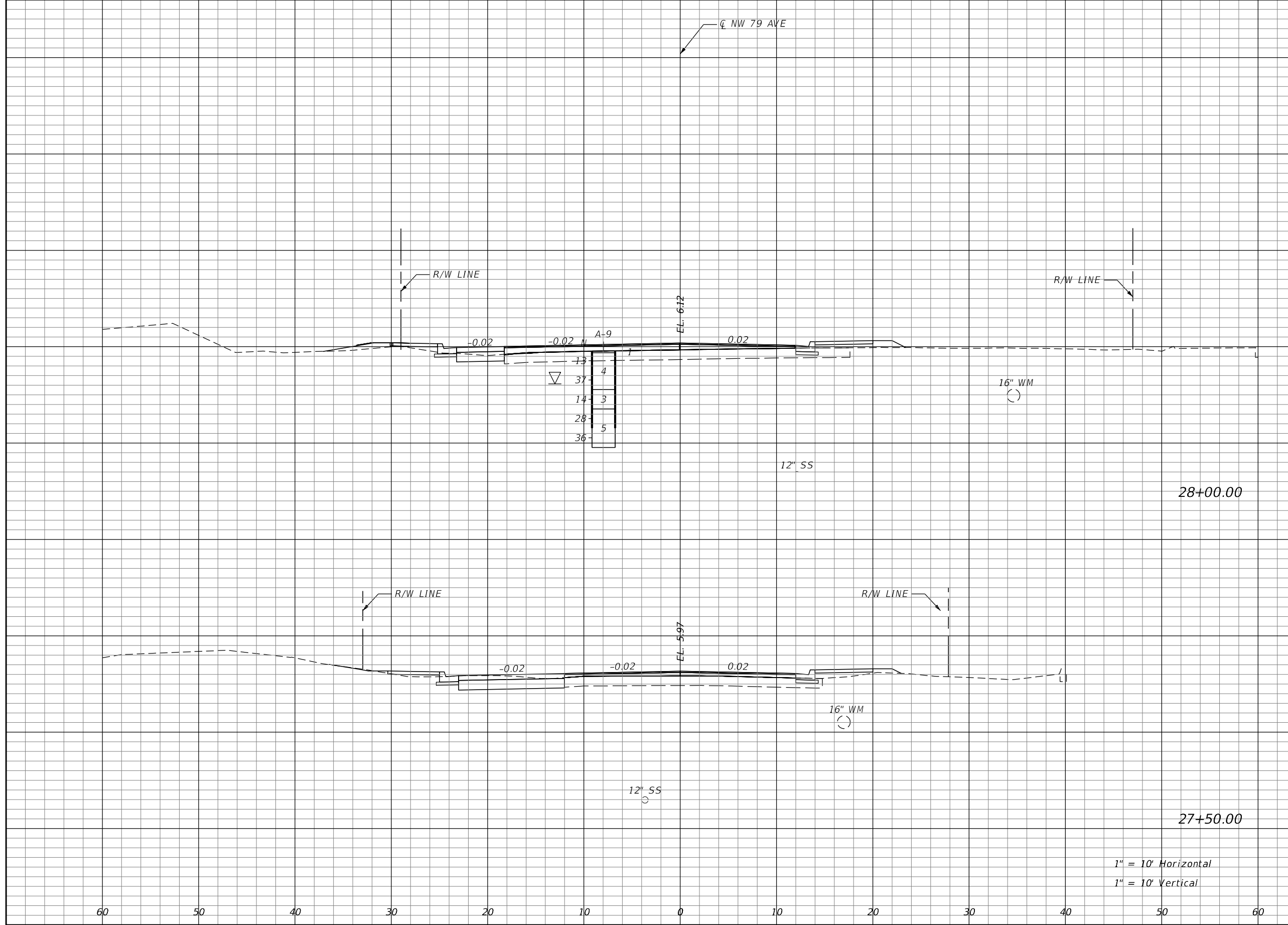
TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 35

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

Regular		Exc.		Embankment	
A	V	A	V	A	V
17			32	5	15



1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CERTIFICATE OF AUTHORIZATION NO. 24

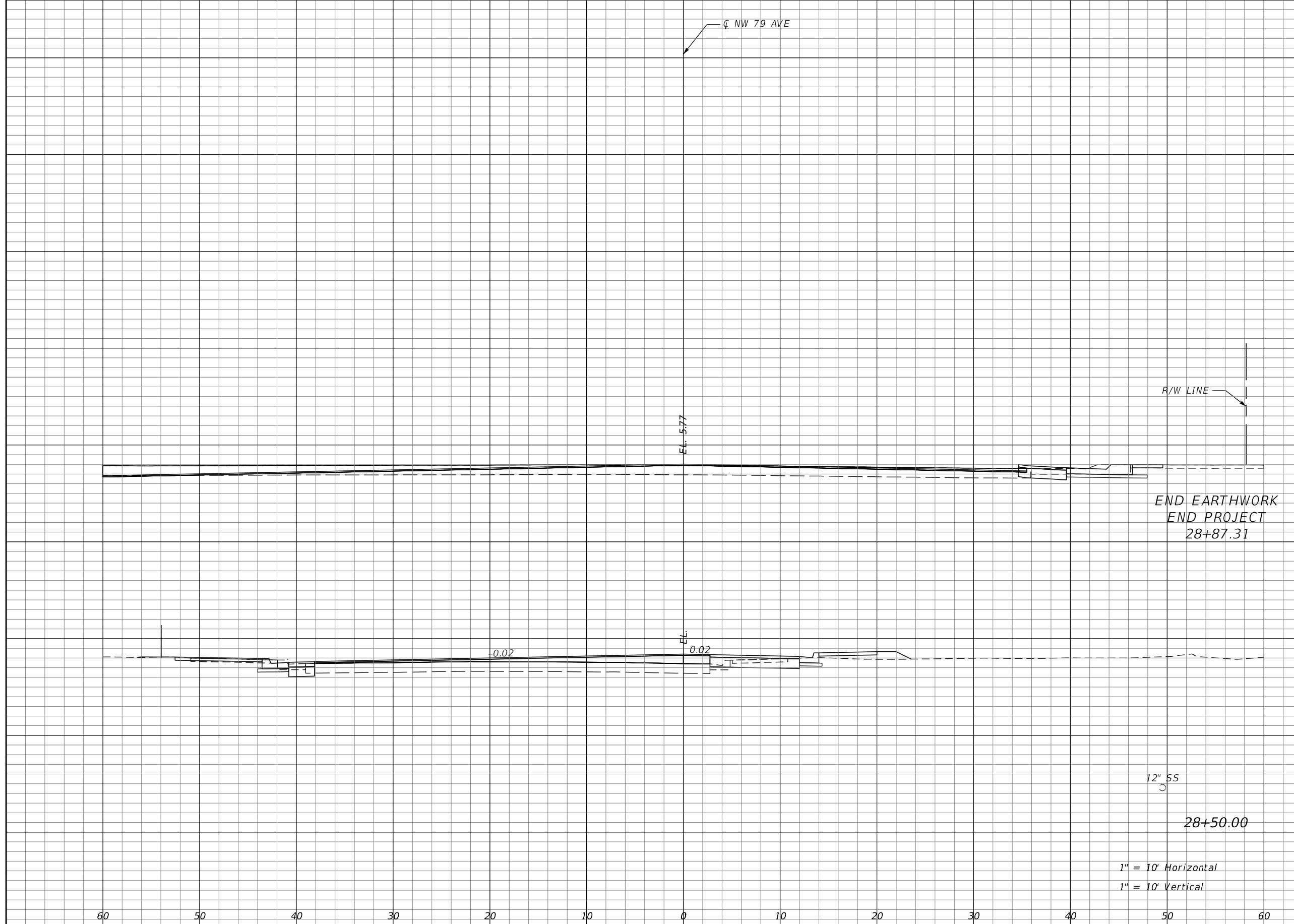


TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO. 36

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
18			26	0	3
19			24	4	11

1" = 10' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TOWN OF MEDLEY  
COUNTY MIAMI-DADE  
OCP NO. SW0115

**CROSS SECTIONS**

SHEET NO.  
37

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

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND CONSTRUCTION PLANS (THE KEY SHEET CONTAINS AN INDEX TO THE OTHER SHEETS). THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION

1.A NATURE OF CONSTRUCTION ACTIVITY

THE PROPOSED IMPROVEMENTS CONSIST OF MILLING AND RESURFACING AND WIDENING FOR APPROXIMATELY 0.35 MILES BETWEEN 77TH ST TO 79TH PLACE LOCATED ON THE TOWN OF MEDLEY, FLORIDA. THE SCOPE OF WORK INCLUDES MILLING AND RESURFACING, WIDENING, CURB AND GUTTER, SIDEWALK CONSTRUCTION, EXFILTRATION TRENCH SYSTEM FOR WATER QUALITY AND SIGNING AND PAVEMENT MARKINGS.

PROJECT LIMITS:

THE PROJECT LIMITS ARE FROM STA. 10+34.31 TO STA. 28+92.95 ON 79<sup>TH</sup> AVE. THE PROJECT IS IN TOWN OF MEDLEY, FL AND LIES WITHIN SECTION 10, TOWNSHIP 53S, RANGE 40E.

PROJECT DESCRIPTION:

THE PROPOSED PROJECT INCLUDED MILLING AND RESURFACING THE EXISTING PAVEMENT, AND WIDENING ON THE WEST SIDE ON NW 79TH AVENUE TO PROVIDE A TRAVEL LANE IN EACH DIRECTION AND A DUAL CENTER LEFT TURN LANE. CURB AND GUTTER ALONG WITH A 6-FT WIDE CONCRETE SIDEWALK WILL BE CONSTRUCTED ON BOTH SIDES OF THE ROAD. THE PROPOSED IMPROVEMENTS ALSO INCLUDE SIGNING AND PAVEMENT MARKINGS AND AN EXFILTRATION TRENCH DRAIN SYSTEM ON THE WEST SIDE TO CAPTURE RUNOFF AND PROVIDE WATER TREATMENT.

1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

IN THE SECTION 104 SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. EXCAVATION ASSOCIATED WITH PROPOSED DRAINAGE WORK
2. WIDENING AND SIDEWALK CONSTRUCTION
3. MILLING AND RESURFACING EXISTING PAVEMENT SURFACE
4. SODDING

1.C AREA ESTIMATES

APPROXIMATE TOTAL PROJECT AREA: 2.56 AC  
 APPROXIMATE TOTAL AREAS TO BE DISTURBED: 1.54 AC

1.D QUALITY OF EXISTING STORMWATER DISCHARGE:

RUNOFF COEFFICIENTS:  
 BEFORE: 0.53  
 DURING: 0.66  
 AFTER: 0.78

SOIL DATA:  
 SOIL WITHIN THE PROJECT LIMITS CONSISTS OF UDORTHENS.

OUTFALL INFORMATION:  
 EXISTING RUNOFF FROM ASPHALT PAVEMENT SHEET FLOWS TO THE OUTSIDE TO AN EXISTING SELF CONTAINED FRENCH DRAIN SYSTEM ON THE EAST. NO OUTFALL TO ADJECENT WATERS IS ENCOUNTERED WITHIN THE PROJECT LIMITS.

1.E SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL THE ITEMS DISCUSSED BELOW ARE IDENTIFIED ON THE KEY SHEET OF THE CONSTRUCTION PLANS.

DRAINAGE PATTERNS:

FROM BEGIN PROJECT TO END PROJECT:

- RUNOFF SHEETFLOWS TO THE OUTSIDE TO AN EXISTING SELF CONTAINED FRENCH DRAIN SYSTEM ON THE EAST WITH NO OUTFALL TO ADJECENT WATERS

APPROXIMATE SLOPES:  
 THE SLOPES OF THE SITE CAN BE SEEN IN THE TYPICAL SECTIONS AND CROSS SECTIONS.

AREAS OF SOIL DISTURBANCE:  
 DISTURBED AREAS CAN BE SEEN IN THE TYPICAL SECTIONS AND CROSS SECTIONS.

AREAS NOT TO BE DISTURBED:  
 MILLING AND RESURFACING LIMITS ARE EXCLUDED FROM SOIL DISTURBANCE.

LOCATIONS OF TEMPORARY CONTROLS:  
 SEDIMENT BARRIER LIMITS ARE SHOWN IN THE SUMMARY OF QUANTITIES.

WETLAND AND SURFACE WATERS:  
 NO WETLANDS OR SURFACE WATERS WITHIN THE LIMITS OF THE PROJECT.

DISCHARGE POINT TO SURFACE WATER:  
 NO OUTFALL PROPOSED WITHIN THE LIMITS OF THE PROJECT. PROPOSED EXFILTRATION TRENCH IS SELF CONTAINED.

1.F OUTFALL INFORMATION:  
 NO OUTFALL PROPOSED WITHIN THE LIMITS OF THE PROJECT. PROPOSED EXFILTRATION TRENCH IS SELF CONTAINED.

2. CONTROLS:

2.A EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

2.A.1 STABILIZATION PRACTICES:

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

TEMPORARY:

- \* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

- \* ASPHALT SURFACE.
- \* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES:


IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

- \* SEDIMENT BARRIERS

PERMANENT:

- \* SOD

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107TH AVENUE MIAMI FL, 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>STORMWATER POLLUTION                  PREVENTION PLAN</b>	SHEET NO.  38
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO. SW-0115	COUNTY MIAMI-DADE		

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

2.B STORMWATER MANAGEMENT:

THE EXISTING DRAINAGE PATTERNS CONSIST MAINLY OF DIRECT SHEET-FLOW FROM THE ROADWAY TO AN EXISTING DEFICIENT EXFILTRATION SYSTEM ON THE EAST WITH NO CURRENT OUTFALL. THE PROPOSED ROADWAY RUNOFF WILL BE COLLECTED BY CURB INLETS INTO A NEW SELF CONTAINED EXFILTRATION SYSTEM ON THE WEST TO PROVIDE WATER TREATMENT AND ATTENUATION.

2.C OTHER CONTROLS:

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN ORDERLY CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE.

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- \* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
- \* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- \* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE.

2.C.2 OFF-SITE VEHICLE TRACKING:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- \* COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- \* REMOVING EXCESS DIRT FROM ROADS DAILY
- \* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
- \* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SPETIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

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

2.D APPROVED STATE AND LOCAL PLANS AND PERMIT:

- ENVIROMENTAL RESOURCE PERMIT (ERP) TO BE SUBMITTED TO MIAMI-DADE COUNTY REGULATORY AND ECONOMIC RESOURCE (MDC RER).
- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT.

3. MAINTENANCE

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

- \* SILT FENCE: MAINTAIN PER SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE, AS A MINIMUN, AT 12 MONTH INTERVALS.

4. INSPECTION

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN AT:

- \* POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
- \* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- \* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- \* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- \* STRUCTURAL CONTROLS.
- \* STORMWATER MANAGEMENT SYSTEMS.
- \* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5. NON-STORMWATER DISCHARGES

IN THE SECTION 104 EROSION CONTROL PLAN. THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES.

IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE TOWN OF MEDLEY PROJECT ENGINEER WHO WILL NOTIFY THE DISTRICT CONTAMINATION IMPACT COORDINATOR, MAURICIO GOMEZ, AT (305) 470 - 5228.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A DEWATERING SYSTEM THAT PROVIDES PRETREATMENT OF EFFLUENT PRIOR TO DISCHARGE INTO ADJACENT SURFACE WATERS. THE CONTRACTOR'S DEWATERING METHOD MUST MEET ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING THIS PRACTICE INCLUDING THE USE OF PERMITTED OUTFALL STRUCTURES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND APPLY FOR A DEWATERING PERMIT WITH THE APPROPRIATE WATER MANAGEMENT DISTRICT.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DESIGNATE AN AREA WITHIN THE PROJECT LIMITS FOR CONCRETE TRUCK WASHOUT ACTIVITIES. THIS AREA SHALL PROVIDE EROSION CONTROL DEVICES THAT PREVENT CONTACT BETWEEN CONCRETE WASHOUT MATERIALS AND STORMWATER AND/OR SURFACE WATERS.

6. CONTRACTOR SUBMITTAL

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BEST MANAGEMENT PRACTICES, AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B. SEQUENCE OF SOIL DISTURBING ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE KEPT AT THE PROJECT FIELD OFFICE IN ORDER FOR THE PROJECT TO BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.


THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

1. COPY OF THE STORMWATER POLLUTION PREVENTION PLAN WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF THE CONTRACTOR'S EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24 HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETED INSPECTION FORMS.

THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE FOLLOWING ITEMS TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IN ORDER FOR THE NPDES PERMIT TO BE PROCESSED:

1. FDEP FORM 62-621.300(4)(B) - NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THIS NOTICE OF INTENT SHALL BE SIGNED BY THE CONTRACTOR.
2. THE PERMITTING FEE OF \$400.00 FOR PROJECTS THAT CLEAR AND GRUB MORE THAN FIVE ACRES, \$250.00 FOR PROJECTS THAT CLEAR AND GRUB BETWEEN 1 AND 5 ACRES.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT THE NOI TO FDEP NO LESS THAN 48 HOURS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROOF OF MAIL DATE TO THE PROJECT ADMINISTRATOR.

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107TH AVENUE MIAMI FL, 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>STORMWATER POLLUTION PREVENTION PLAN</b>	SHEET NO.  39
DATE	DESCRIPTION	DATE	DESCRIPTION			OCF NO. SW-0115	COUNTY MIAMI-DADE		

**GENERAL:**

1. 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 ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AS MINIMUM CRITERIA.
2. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
3. THE 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.
4. LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/NIGHTS/WEEKENDS.  
NON-PEAK HOURS ARE:  
9:00 AM TO 3:30 PM WEEKDAYS AND WEEKENDS  
9:00 PM TO 5:30 AM SUNDAY THROUGH THURSDAY NIGHTS  
11:00 PM TO 7:00AM FRIDAY AND SATURDAY NIGHTS
5. TRAFFIC CONTROL PLANS FOR PHASES I, II, III AND IV ARE DESIGNED FOR NON-PEAK HOURS ONLY. THE CONTRACTOR SHALL KEEP ALL EXISTING LANES OPEN DURING PEAK HOURS IN THESE PHASES.
6. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE 25 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE STANDARD INDEXES.
7. THE CONTRACTOR SHALL NOT PROPOSE AN ALTERNATIVE TRAFFIC CONTROL PLAN THAT REDUCES THE NUMBER OF TRAVEL LANES SHOWN ON THE CONTRACT TRAFFIC CONTROL PLANS.
8. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE, DETOUR OR MOT PHASE CHANGE BY SUBMITTING THE REQUIRED ELECTRONIC LANE CLOSURE FORM (www.fdotlcis.com), SKETCHES, CALCULATIONS, AND OTHER DATA THRU THE ENGINEER TO THE DISTRICT TRAFFIC OPERATIONS OFFICE.

**DROP OFFS:**

9. FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX NO. 600, SHEET 10 OF 13. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS.

**MARKINGS:**


10. COST OF REMOVAL OF WORK ZONE PAVEMENT MARKINGS (INCLUDING PAINT, REMOVABLE TAPE AND MARKERS), REGARDLESS OF METHOD, TO BE INCLUDED IN THE RELATED PAVEMENT MARKING/MARKERS PAY ITEMS. COST OF REMOVAL OF PAVEMENT MARKINGS AND MARKERS, EXISTING PRIOR TO CONSTRUCTION, TO BE INCLUDED IN MAINTENANCE OF TRAFFIC, LS.
11. TEMPORARY LANE TRANSITIONS, SHIFTS, AND CROSSOVERS SHALL HAVE SOLID LANE AND EDGE LINES FOR THE LENGTH OF THE TRANSITION, SHIFT OR CROSSOVER. IN ADDITION, SOLID LANE AND EDGE LINES SHALL EXTEND 100 FT ON TANGENT BEYOND EACH END OF THE TRANSITION, SHIFT, OR CROSSOVER. EXCEPTION SHALL BE THROUGH INTERSECTIONS WHERE 2 - 4 FT SKIP LINES WILL BE PLACED.
12. ALL TEMPORARY STRIPES AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER.

**WORK ZONE LIMITS:**

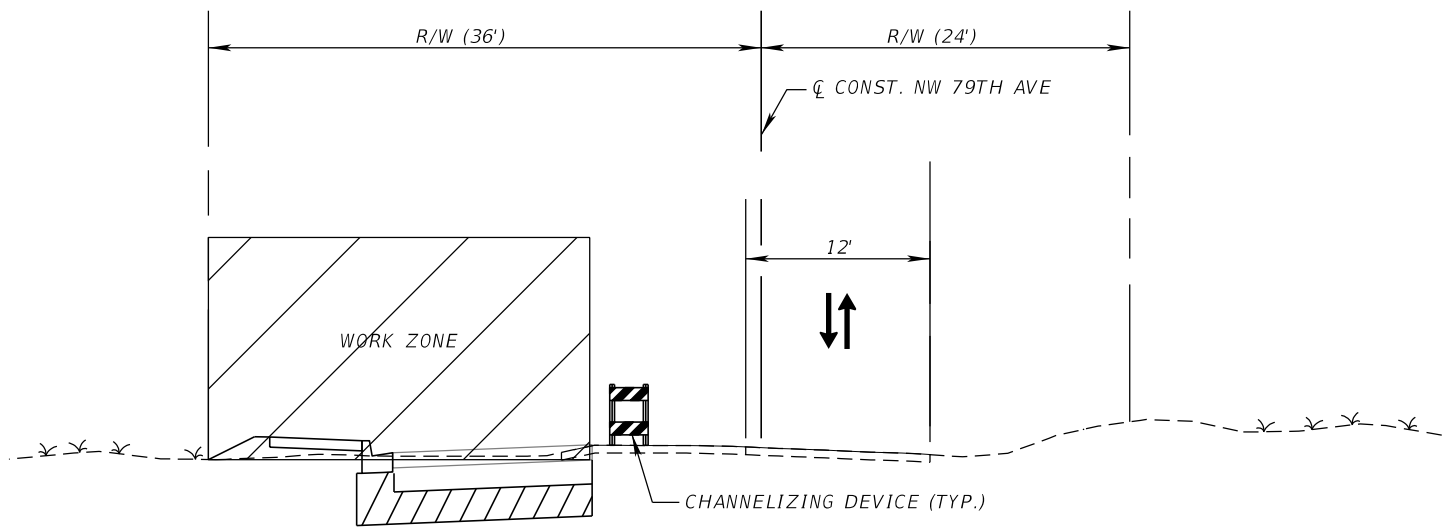
13. THE LENGTH OF AN OPEN TRENCH SHALL NOT EXCEED 500 FT. PROPERTY ACCESS SHALL BE MAINTAINED IN ACCORDANCE TO ARTICLE 102- 5.5 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

**INTERSECTIONS:**

14. ADJACENT INTERSECTIONS SHALL NOT BE CONSTRUCTED SIMULTANEOUSLY UNLESS DIRECTED BY THE ENGINEER.
15. INTERSECTIONS SHALL BE RECONSTRUCTED WORKING CONTINUOUSLY UNTIL THE STRUCTURAL COURSE IS PLACED.
16. M.O.T. TRANSITIONS AND TEMPORARY INTERSECTION CROSSOVERS WHERE CONSTRUCTION HAS CAUSED GRADE DIFFERENCES BETWEEN THE EXISTING AND NEW ROADWAYS SHALL BE CONSTRUCTED USING A 1:20 TYPE SP ASPHALT CONCRETE SLOPE TO ACCOMMODATE VEHICULAR TRAFFIC FROM ANY DIRECTION. ALL MATERIAL AND WORK, INCLUDING ITS REMOVAL, SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		TRAFFIC CONTROL GENERAL NOTES	SHEET NO.  40
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY		
						SW-0115	MIAMI-DADE		



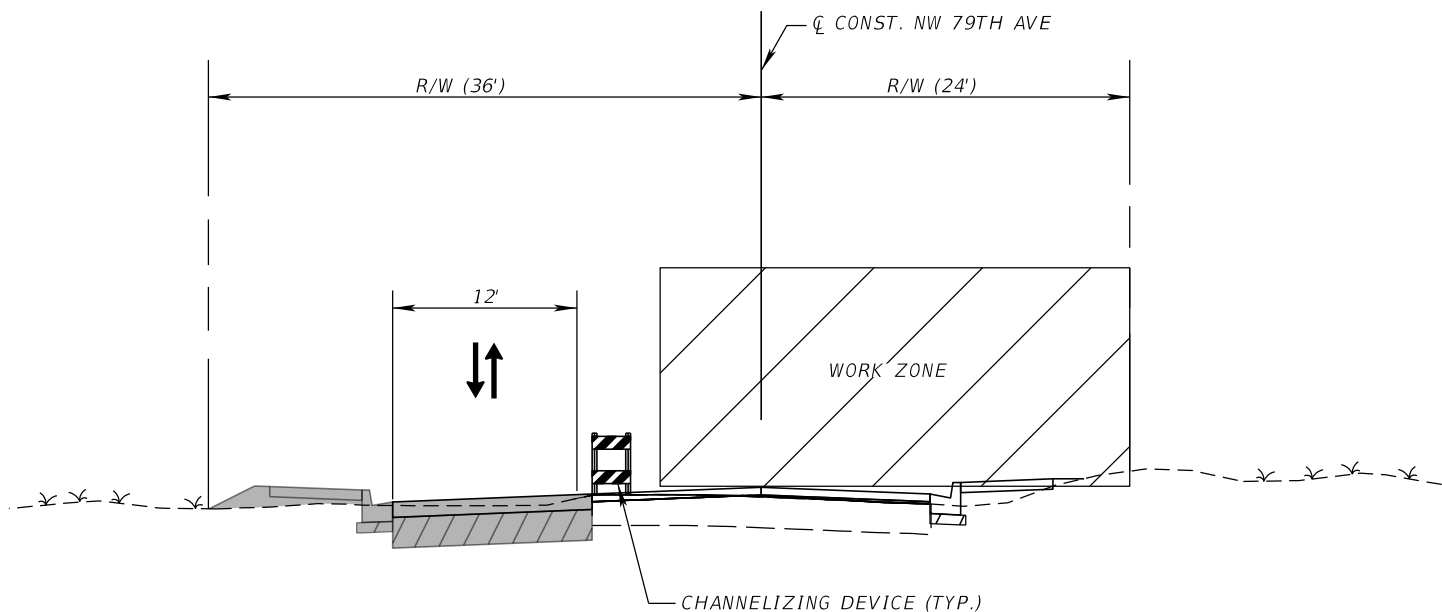


**PHASE I**

STA 10+49.29 TO STA. 28+92.05

**PHASING NOTES:**

1. PERFORM OFF-PEAK LANE CLOSURE UTILIZING INDICIES 600, 602 AND 603 (FLAGGERS NEEDED)
2. CONSTRUCT SIDEWALK, CURB & GUTTER, DRAINAGE SYSTEM AND ROADWAY WIDENING UP TO THE STRUCTURAL COURSE ON THE WEST SIDE OF NW 79 AVE.

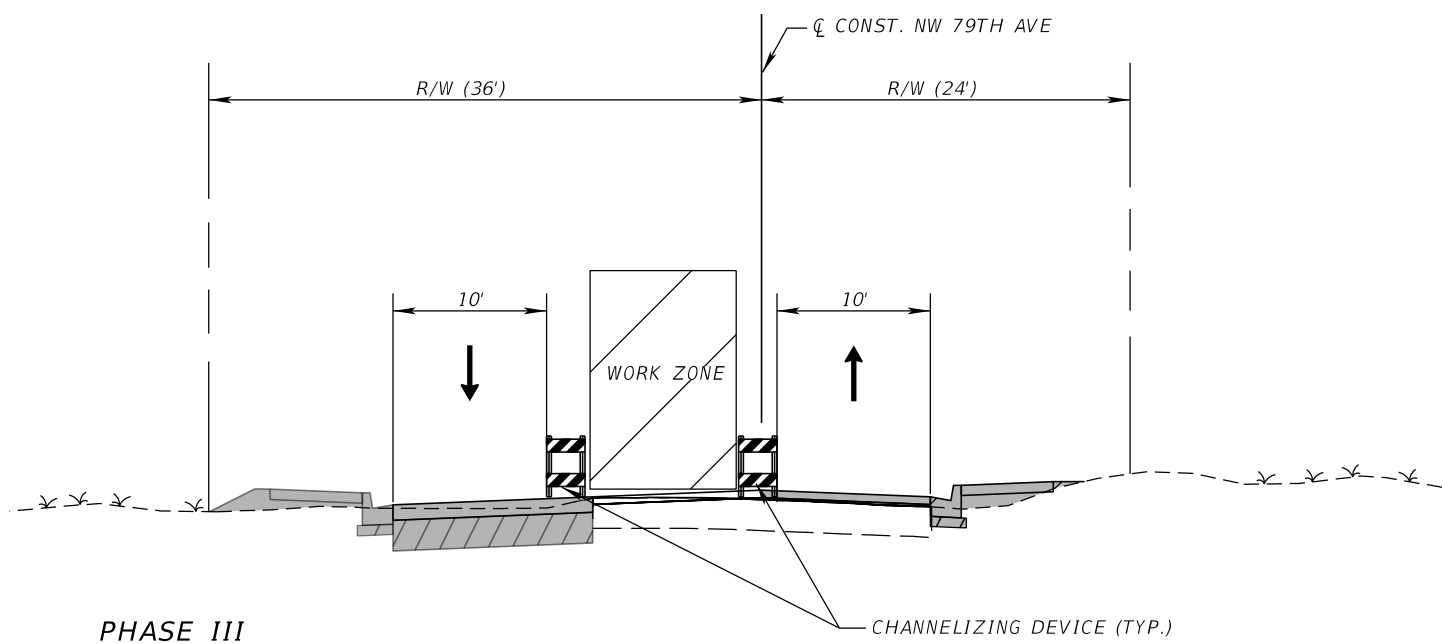


**PHASE II**

STA 10+49.29 TO STA. 28+92.05

**PHASING NOTES:**

1. SWITCH TRAFFIC TO NEWLY CONSTRUCTED AREA, AND PERFORM OFF-PEAK LANE CLOSURE UTILIZING INDICIES 600, 602 AND 603 (FLAGGERS NEEDED)
2. CONSTRUCT SIDEWALK, CURB & GUTTER, DRAINAGE SYSTEM AND ASPHALT OVERBUILD ON THE EAST SIDE OF NW 79 AVE.



**PHASE III**

STA 10+49.29 TO STA. 28+92.05

**PHASING NOTES:**

1. PERFORM SINGLE LANE CLOSURES UTILIZING INDICIES 600, 613, 614 AND 618
2. CONSTRUCT ASPHALT OVERBUILD AND STRUCTURAL COURSE ALONG THE DUAL CENTER LEFT TURN LANE.

**PHASE IV**


STA 10+49.29 TO STA. 28+92.05

**PHASING NOTES:**

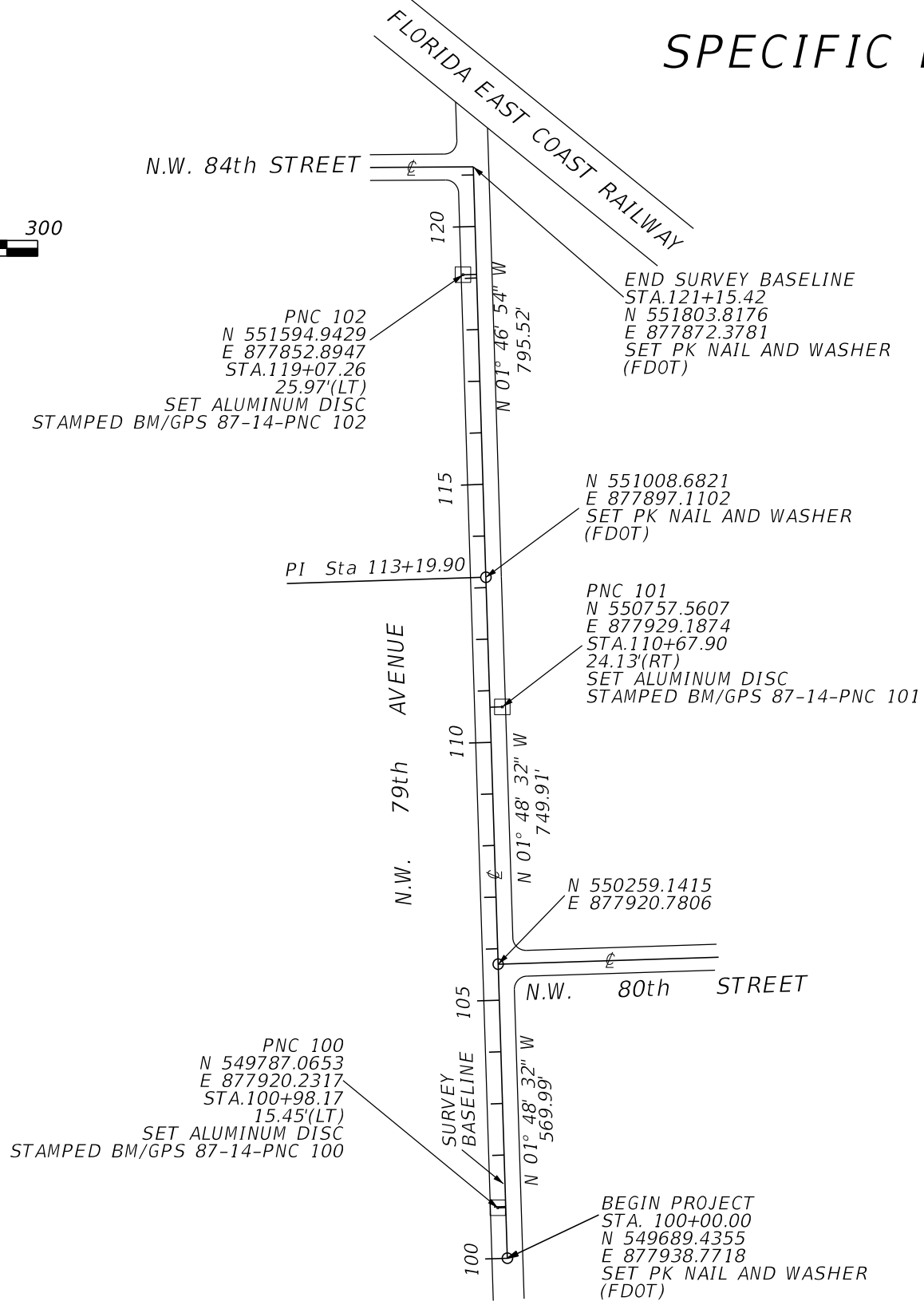
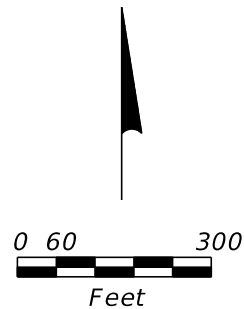
1. UTILIZING INDICES 600, 613, 614, AND 618 PERFORM SINGLE LANE CLOSURES
2. PLACE FRICTION COURSE AND FINAL PAVEMENT MARKINGS

**LEGEND**

 PERMANENT CONSTRUCTION COMPLETED IN PREVIOUS PHASE

REVISIONS				RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24		TOWN OF MEDLEY		<b>TRAFFIC CONTROL TYPICAL</b>	SHEET NO.  41
DATE	DESCRIPTION	DATE	DESCRIPTION			OCP NO.	COUNTY		
						SW-0115	MIAMI-DADE		

# SPECIFIC PURPOSE SURVEY



**SURVEYOR'S NOTES**

1. THE BASELINES AS INDICATED REPRESENTS A "BEST FIT" APPROACH TO THE EXISTING CONDITIONS ALONG THE ALIGNMENT AREA.
2. UNITS ARE IN US SURVEY FEET.
3. BEARINGS AND COORDINATES ARE RELATIVE TO THE STATE PLANE COORDINATES, FLORIDA EAST ZONE, NORTH AMERICAN DATUM NAD 1983/90 ADJUSTMENT. BEARINGS ARE BASED ON A BEARING OF N 00°31'43" E ON THE LINE INTERVENING CONTROL POINT PNC 100 (SET ALUMINUM DISC STAMPED BM/GPS 87-14-PNC 100 IN CONCRETE) AND CONTROL POINT PNC 101 (SET ALUMINUM DISC STAMPED BM/GPS 87-14-PNC 101 IN CONCRETE).
4. VERTICAL INFORMATION IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
5. NAVD 88 ELEVATIONS ARE BASED ON DIFFERENTIAL LEVELING, UTILIZING AN ELECTRONIC LEVEL AND CONDUCTED WITHIN ACCEPTABLE TOLERANCE FOR THIRD ORDER LEVELING.
6. FIELD BOOKS REFERENCES: FIELD BOOK 1551

**ABBREVIATIONS**

- LT LEFT
- RT RIGHT
- FDOT FLORIDA DEPARTMENT OF TRANSPORTATION
- STA. STATION
- PI POINT OF INTERSECTION
- PNC PROJECT NETWORK CONTROL

**PROJECT LIMITS :**

N.W. 79th AVENUE FROM 500 FEET SOUTH OF N.W. 80th STREET TO N.W. 84th STREET

**SURVEYOR'S CERTIFICATION**

I HEREBY CERTIFY THIS SPECIFIC PURPOSE SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING, REFERENCING, DESCRIBING AND MAPPING THE PRIMARY NETWORK CONTROL OR BASELINE FOR THE TRANSPORTATION FACILITY DEPICTED HEREON AND THAT SAID SURVEY WAS DONE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES. THIS MAP CONSISTING OF SHEETS CTL-1 IS A TRUE, ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED UNDER MY DIRECTION AND COMPLETED ON JUNE 06, 2014

SURVEYOR: ROBERTO MANTECON  
 PROFESSIONAL SURVEYOR AND MAPPER NO.4431  
 ATKINS NORTH AMERICA, INC  
 2001 N.W. 107th AVENUE  
 MIAMI, FLORIDA 33172  
 DATE OF ORIGINAL CERTIFICATION : \_\_\_\_\_

POINT NAME	(Y) NORTHING	(X) EASTING	SCALE FACTOR	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
PNC 100	549787.0653	877920.2317	0.99999757	N 25°50'40.64012"	W 80°19'32.67483"	100+98.17	15.45'(LT)	4.89'	SET ALUMINUM DISC STAMPED BM/GPS 87-14-PNC 100
PNC 101	550757.5607	877929.1874	0.99999757	N 25°50'50.25188"	W 80°19'32.52230"	110+67.90	24.13'(RT)	4.80'	SET ALUMINUM DISC STAMPED BM/GPS 87-14-PNC 101
PNC 102	551594.9429	877852.8947	0.99999753	N 25°50'58.54956"	W 80°19'33.31036"	119+07.26	25.97'(LT)	5.73'	SET ALUMINUM DISC STAMPED BM/GPS 87-14-PNC 102

REVISIONS				ROBERTO MANTECON PSM#4431 ATKINS NORTH AMERICA, INC FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24 2001 N.W. 107 AVENUE MIAMI, FLORIDA 33172-2507 PHONE(305)592-7275	TOWN OF MEDLEY (N. W. 79th AVENUE)			SHEET NO.  CTL-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE		<b>PROJECT NETWORK CONTROL</b>	

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

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
MATERIALS AND RESEARCH

DATE OF SURVEY: 7/21-7/23/2014  
SURVEY MADE BY: ORACIO RICCOBONO, P.E.  
SUBMITTED BY: GEOSOL, Inc.

FINANCIAL PROJECT ID : N/A  
PROJECT NAME: NW 79TH AVENUE ROADWAY AND DRAINAGE IMPROVEMENTS

DISTRICT: SIX  
ROAD NO.: N/A  
COUNTY: MIAMI-DADE

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 100+00      SURVEY ENDS STA. : 121+15.42      REFERENCE: B/L SURVEY NW 79 AVE

STRATUM NO.	ORGANIC CONTENT			SIEVE ANALYSIS RESULTS PERCENT PASS						ATTERBERG LIMITS (%)				DESCRIPTION	CORROSION TEST RESULTS				
	NO. OF TESTS	% ORGANIC	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP		NO. OF TESTS	RESISTIVITY ohms cm	CHLORIDE ppm	SULFATES ppm	pH
0													N/A	Asphalt Pavement					
1	4	10-29	15-98										A-8	Dark Brown Organic Silty Fine SAND with Grass (TOPSOIL)					
2	5		8-11	5	48-64	31-46	16-27	14-23	13-21				A-1-b	Light Brown to Brown Slightly Silty to Silty Fine to Coarse SAND with Some Limerock Fragments (FILL)	1	1,870	13	13	7.7
3	1		24	1	100	91	19	6	1				A-3	Brown Fine SAND (FILL)					
4	3		22-33	3	60-78	53-60	36-42	20-31	14-34				A-2-4	Brown to Gray Silty Fine to Coarse SAND with Some Limerock Fragments (FILL)					
5													N/A	Brown Sandy LIMESTONE					
6	1		13	1	57	20	11	9	9				A-1-b	Light Gray Slightly Silty Fine to Coarse SAND with Some Limestone Fragments					

EMBANKMENT AND SUBGRADE MATERIAL  
STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.  
▽ - WATER TABLE ENCOUNTERED

Notes:

- 1) The material from Stratum 0 is the asphalt pavement.
- 2) The material from Stratum Number 1 is topsoil (A-8) and considered to be unsuitable (muck). It shall be removed during clearing and grubbing in accordance with Section 110 of the FDOT Standard Specifications.
- 3) The materials from Strata Numbers 2, 3, and 6 (A-1-b and A-3) is considered to be select and should be utilized in accordance with FDOT Standard Index 505.
- 4) The materials from Stratum Number 4 (A-2-4) are considered to be select and should be utilized in accordance with FDOT Standard Index 505. Certain types of A-2-4 material are likely to retain excess moisture and may be difficult to dry and compact. They should be used in the embankment above the water level existing at time of construction. They may be used in the subgrade portion of the roadbed when approved by the District Materials Engineer.
- 5) The material from Stratum Number 5 is the natural Limestone Formation. This material may be difficult to dewater, excavate and/or penetrate and may require special equipment to do so.
- 6) The soils survey presented on this sheet was performed by GEOSOL, Inc. as a subconsultant to Atkins Global.

REVISIONS				ENGINEER OF RECORD: GEOSOL, INC. ORACIO RICCOBONO, P.E. P.E. LICENSE NO. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530	TOWN OF MEDLEY (N. W. 79th AVENUE)			ROADWAY SOILS SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		GR-1
					N/A	MIAMI-DADE	N/A		

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

LEGEND

- 0) Asphalt Pavement
- 1) Dark Brown Organic Silty Fine SAND with Grass (TOPSOIL; A-8)
- 2) Light Brown to Brown Slightly Silty to Silty Fine to Coarse SAND with Some Limerock Fragments (FILL; A-1-b)
- 3) Brown Fine SAND (FILL; A-3)
- 4) Brown to Gray Silty Fine to Coarse SAND with Some Limerock Fragments (FILL; A-2-4)
- 5) Brown Sandy LIMESTONE
- 6) Light Gray Slightly Silty Fine to Coarse SAND with Some Limestone Fragments (A-1-b)

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED).

▽ WATER TABLE ENCOUNTERED

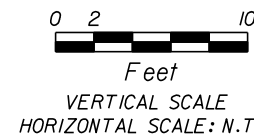
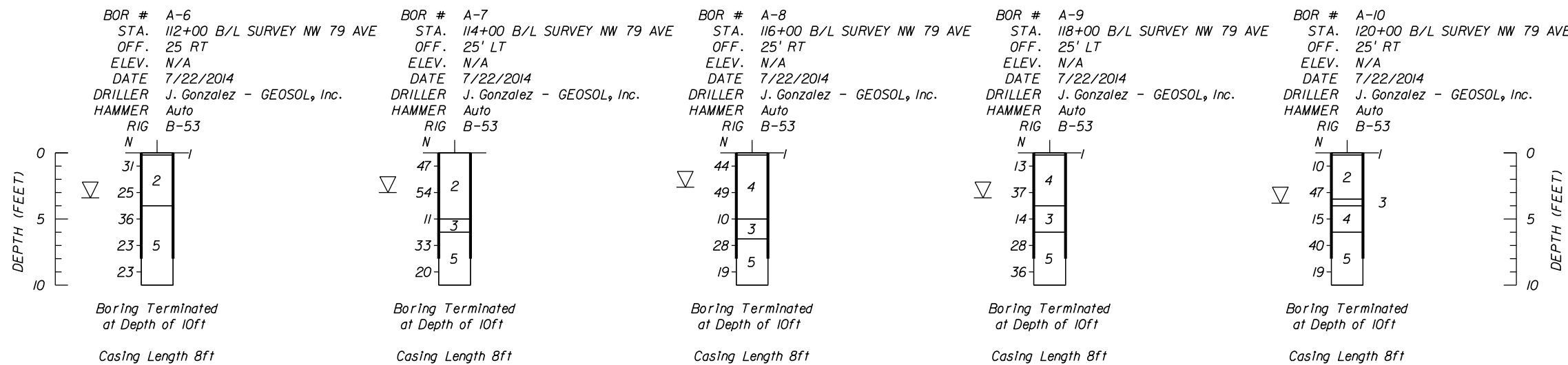
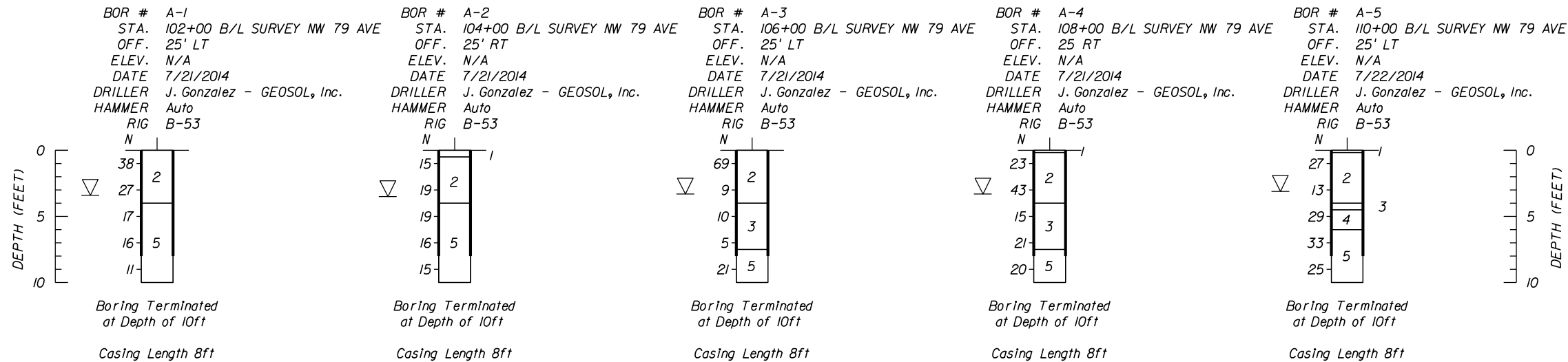
2) ENVIRONMENTAL CLASSIFICATION:

STEEL:  
 SUPERSTRUCTURE: SLIGHTLY AGGRESSIVE  
 SUBSTRUCTURE: MODERATELY AGGRESSIVE (RESISTIVITY= 1,870 OHM-CM)

CONCRETE:  
 SUPERSTRUCTURE: SLIGHTLY AGGRESSIVE  
 SUBSTRUCTURE: MODERATELY AGGRESSIVE (RESISTIVITY= 1,870 OHM-CM)

WATER:  
 pH: 7.7  
 CHLORIDE: 13 PPM  
 SULFATE: 13 PPM  
 RESISTIVITY: 1,870 OHM-CM

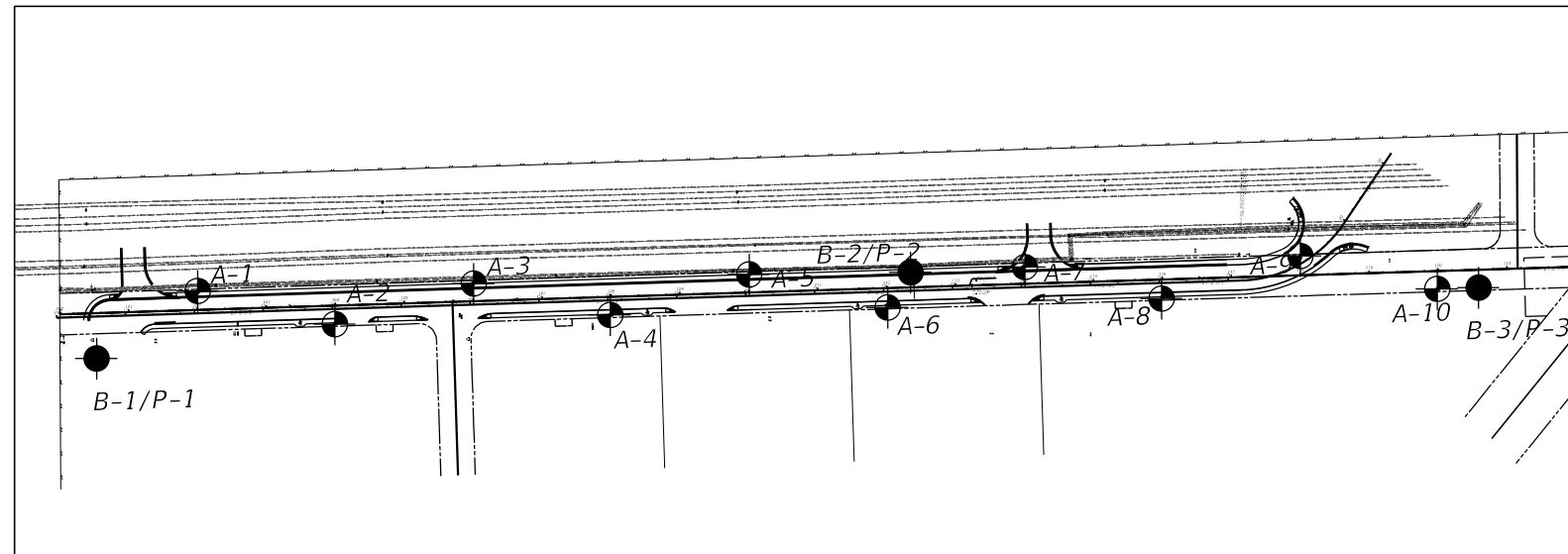
GRANULAR MATERIALS- RELATIVE DENSITY	AUTOMATIC SPT HAMMER (BLOWS PER FOOT)
VERY LOOSE	LESS THAN 3
LOOSE	3-8
MEDIUM DENSE	8-24
DENSE	24-40
VERY DENSE	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	AUTOMATIC SPT HAMMER (BLOWS PER FOOT)
VERY SOFT	LESS THAN 1
SOFT	1-3
FIRM	3-6
STIFF	6-12
VERY STIFF	12-24
HARD	GREATER THAN 24



REVISIONS				ENGINEER OF RECORD: GEOSOL, INC. ORACIO RICCOBONO, P.E. P.E. LICENSE NO. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530	TOWN OF MEDLEY (N. W. 79th AVENUE)			SHEET NO.  GR-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					N/A	MIAMI-DADE	N/A	

**ROADWAY SOIL PROFILES**

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**BORING LOCATION PLANS**



**NOTE FOR DRILLED SHAFT CONSTRUCTION:**

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

**LEGEND**

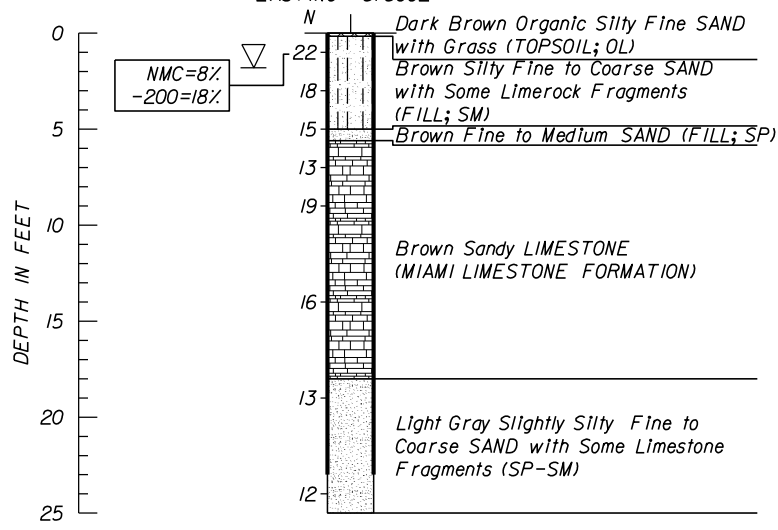
- TOPSOIL (OL)
- SAND (FILL; SP)
- SILTY SAND (FILL; SM)
- MIAMI LIMESTONE FORMATION
- SAND (SP-SM)

- NOTES:**
- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
  - 2) ENVIRONMENTAL CLASSIFICATION:
- ▽ WATER TABLE AT TIME OF DRILLING
- || CASING USED
- APPROXIMATE SPT BORING LOCATION
- N NUMBERS TO THE LEFT OF BORING INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
- NMC NATURAL MOISTURE CONTENT (%)
- 200 PERCENT PASSING #200 SIEVE (%)
- OC ORGANIC CONTENT (%)

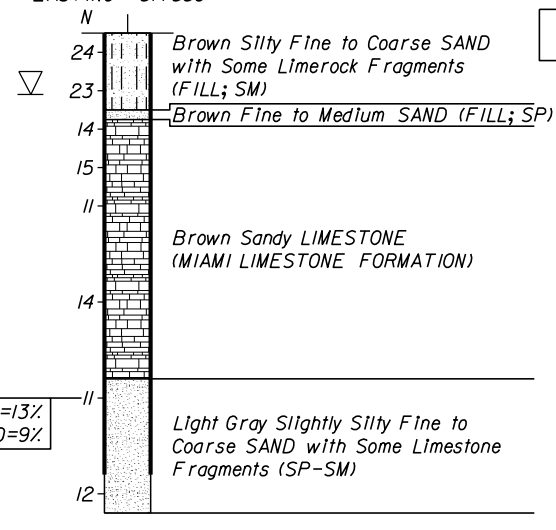
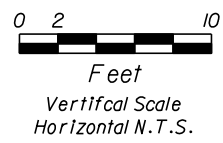
**BOR # B-1/P-1**  
 STA. 100+50 B/L SURVEY NW 79 AVE  
 OFF. 65' RT  
 ELEV. N/A  
 DATE 7/23/2014  
 DRILLER R. Morales - GEOSOL, Inc.  
 HAMMER Auto  
 RIG B-53  
 NORTHING 549741  
 EASTING 878002

**BOR # B-2/P-2**  
 STA. 112+35 B/L SURVEY NW 79 AVE  
 OFF. 20' LT  
 ELEV. N/A  
 DATE 7/22/2014  
 DRILLER R. Morales - GEOSOL, Inc.  
 HAMMER Auto  
 RIG B-53  
 NORTHING 550923  
 EASTING 877880

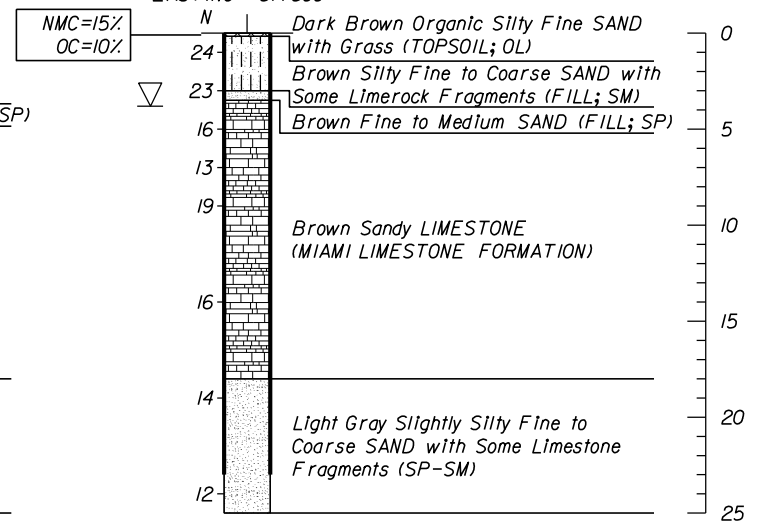
**BOR # B-3/P-3**  
 STA. 120+60 B/L SURVEY NW 79 AVE  
 OFF. 25' RT  
 ELEV. N/A  
 DATE 7/22/2014  
 DRILLER R. Morales - GEOSOL, Inc.  
 HAMMER Auto  
 RIG B-53  
 NORTHING 551749  
 EASTING 877899



Boring Terminated at Depth of 25ft  
 Casing Length 23ft



Boring Terminated at Depth of 25ft  
 Casing Length 23ft



Boring Terminated at Depth of 25ft  
 Casing Length 23ft

**STEEL:**  
 SUPERSTRUCTURE: SLIGHTLY AGGRESSIVE  
 SUBSTRUCTURE: MODERATELY AGGRESSIVE (RESISTIVITY= 1,870 OHM-CM)

**CONCRETE:**  
 SUPERSTRUCTURE: SLIGHTLY AGGRESSIVE  
 SUBSTRUCTURE: MODERATELY AGGRESSIVE (RESISTIVITY= 1,870 OHM-CM)

**WATER:**  
 pH: 7.7  
 CHLORIDE: 13 PPM  
 SULFATE: 13 PPM  
 RESISTIVITY: 1,870 OHM-CM

GRANULAR MATERIALS-RELATIVE DENSITY	AUTOMATIC SPT HAMMER (BLOWS PER FOOT)
VERY LOOSE	LESS THAN 3
LOOSE	3-8
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VERY DENSE	GREATER THAN 40
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VERY SOFT	LESS THAN 1
SOFT	1-3
FIRM	3-6
STIFF	6-12
VERY STIFF	12-24
HARD	GREATER THAN 24

REVISIONS				ENGINEER OF RECORD: GEOSOL, INC. ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530	TOWN OF MEDLEY (N. W. 79th AVENUE)			SHEET NO.  GR-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROADWAY NO.	COUNTY	FINANCIAL PROJECT ID	
					N/A	MIAMI-DADE	N/A	

**REPORT OF CORE BORINGS**

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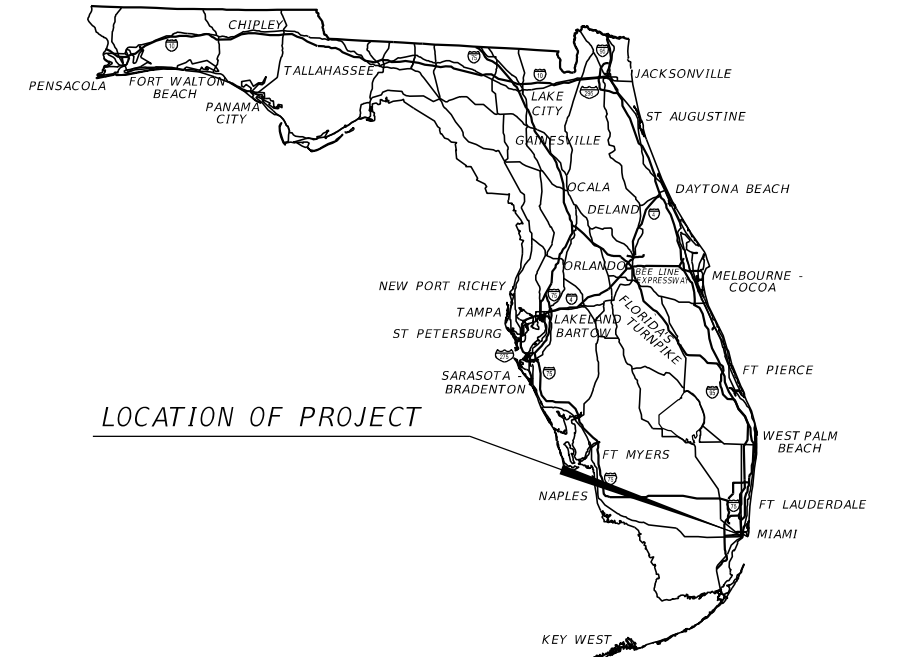


# TOWN OF MEDLEY

## SIGNING & PAVEMENT MARKINGS PLANS FOR

### NORTHWEST 79TH AVENUE

### MIAMI-DADE COUNTY



LOCATION OF PROJECT

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

#### INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SUMMARY OF QUANTITIES
S-3 THRU S-6	SIGNING & PAVEMENT MARKINGS PLAN

#### GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2015 Design Standards and revised Index Drawings as appended herein, and Jan 2015 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:  
<http://www.dot.state.fl.us/rddesign/>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:  
<http://www.dot.state.fl.us/specificationsoffice/>

- TOWN COUNCIL
- MAYOR  
ROBERTO MARTELL
- VICE-MAYOR  
JACK MARROW
- COUNCILPERSON  
GRISLIA DIGIACOMO
- COUNCILPERSON  
SUSANA GUASCH
- COUNCILPERSON  
EDGAR AYALA

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

PREPARED FOR  
THE TOWN OF MEDLEY BY:

ATKINS NORTH AMERICA, INC.  
2001 NW 107 AVENUE  
MIAMI, FL 33172

ROADWAY PLANS  
ENGINEER OF RECORD: RICARDO A. CASTRO P.E.

P.E. NO.: 68294


SHEET NO.

S-1

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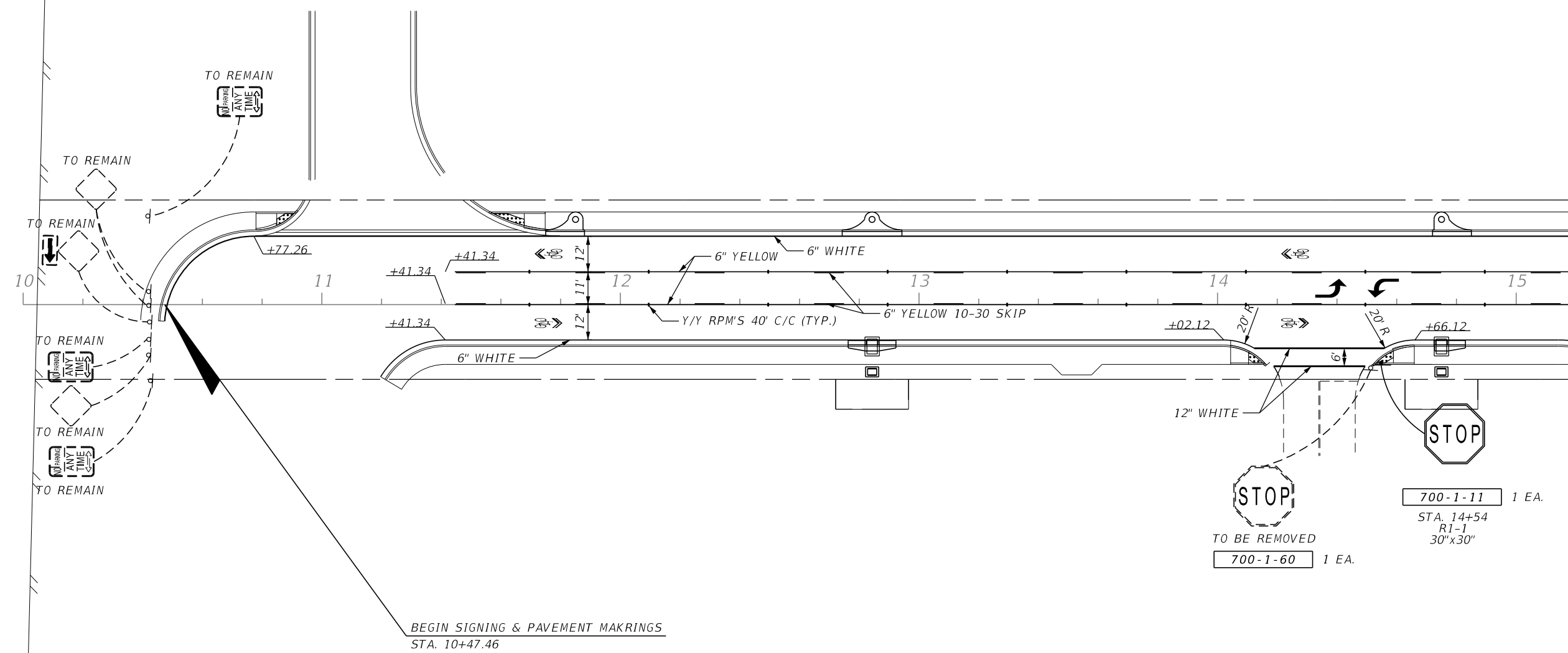
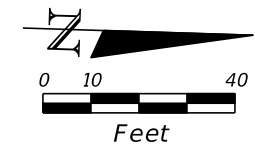
TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			S-3		S-4		S-5		S-6		PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL								
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1		1		1		2								5	5
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS			1												1	1
0700 1 60	SINGLE POST SIGN, REMOVE	AS	1		2		1		1								5	5
0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	36		64		56		27								183	183
0711 11123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	74		313		158		145								691	691
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS			20				34								54	18
0711 11224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF							18								18	54
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	6		6		8		6								26	26
0711 15101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	GM	0.163		0.211		0.198		0.077								0.649	0.649
0711 15201	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	GM	0.142		0.235		0.212		0.114								0.704	0.704
0711 15 231	THERMOPLASTIC, STD-OPEN GRADED ASPHALT SURFACE, YELLOW, SKIP/DOTTED, 6" (10/30)	GM	0.152		0.213		0.213		0.015								0.593	0.593

<p>REVISIONS</p> <table border="1"> <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>RICARDO A. CASTRO, P.E. P.E. LICENSE NUMBER 68294 ATKINS NORTH AMERICA, INC. 2001 NW 107 AVENUE MIAMI, FL 33172 CERTIFICATE OF AUTHORIZATION NO. 24</p>		 <p>TOWN OF MEDLEY</p>		<p>OCP NO. SW-0115</p> <p>COUNTY MIAMI-DADE</p>		<p>TABULATION OF QUANTITIES</p>				<p>SHEET NO. S-2</p>	
DATE	DESCRIPTION	DATE	DESCRIPTION																				

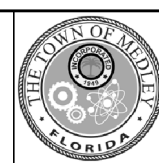
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REVISIONS			
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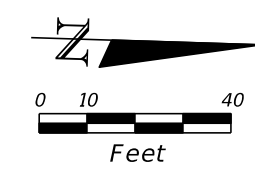
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 ATKINS NORTH AMERICA, INC.  
 2001 NW 107 AVENUE  
 MIAMI, FL 33172  
 CERTIFICATE OF AUTHORIZATION NO. 24



TOWN OF MEDLEY  
 OCP NO. SW-0115  
 COUNTY MIAMI-DADE

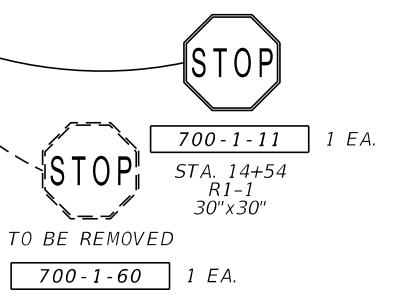
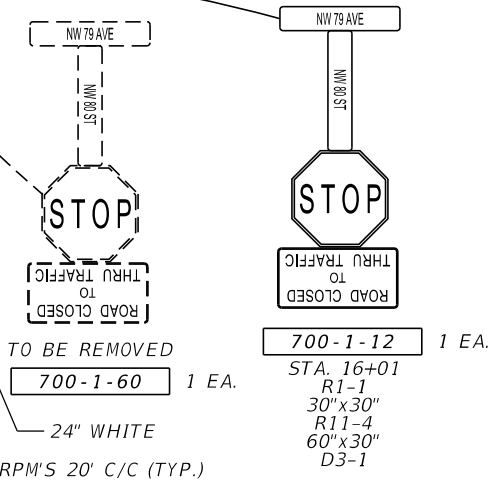
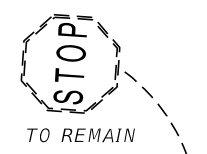
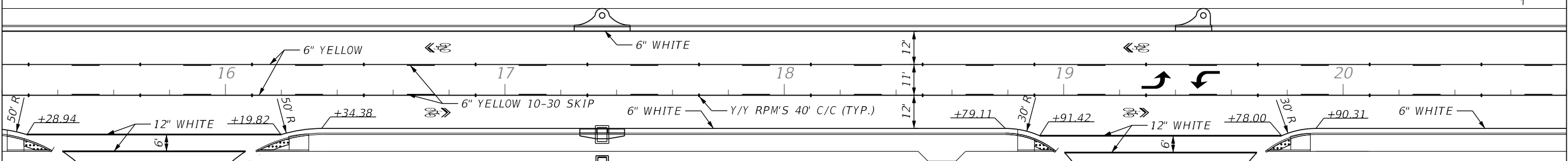
**SIGNING & PAVEMENT MARKINGS**  
 SHEET NO. S-3

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MATCHLINE STA. 15+20.00

MATCHLINE STA. 20+80.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
 P.E. LICENSE NUMBER 68294  
 ATKINS NORTH AMERICA, INC.  
 2001 NW 107 AVENUE  
 MIAMI, FL 33172  
 CERTIFICATE OF AUTHORIZATION NO. 24

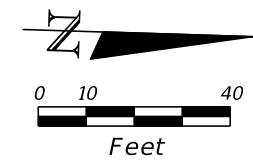


TOWN OF MEDLEY	
OCP NO.	COUNTY
SW-0115	MIAMI-DADE

**SIGNING & PAVEMENT  
MARKINGS**

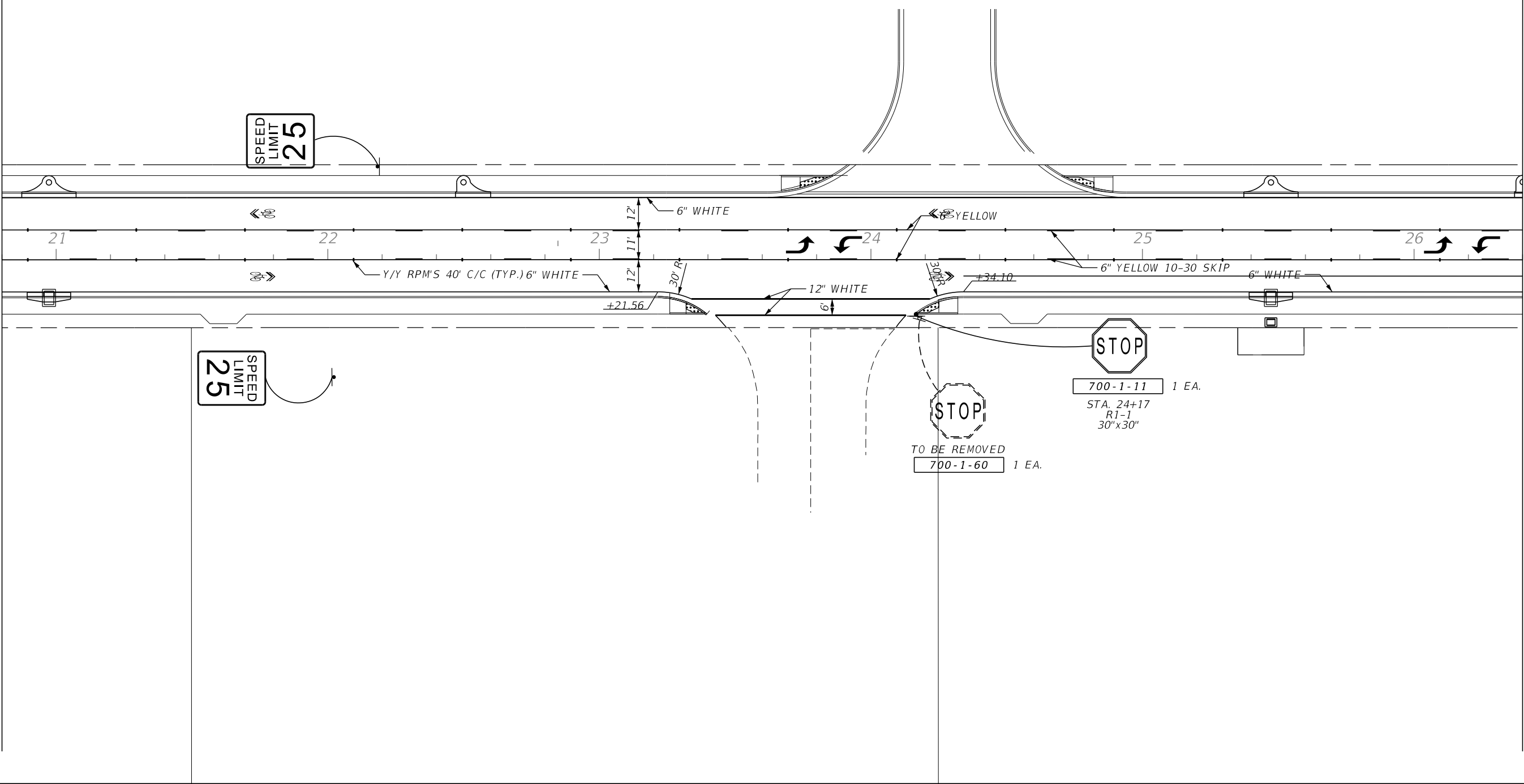
SHEET NO.  
S-4

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MATCHLINE STA. 20+80.00

MATCHLINE STA. 26+40.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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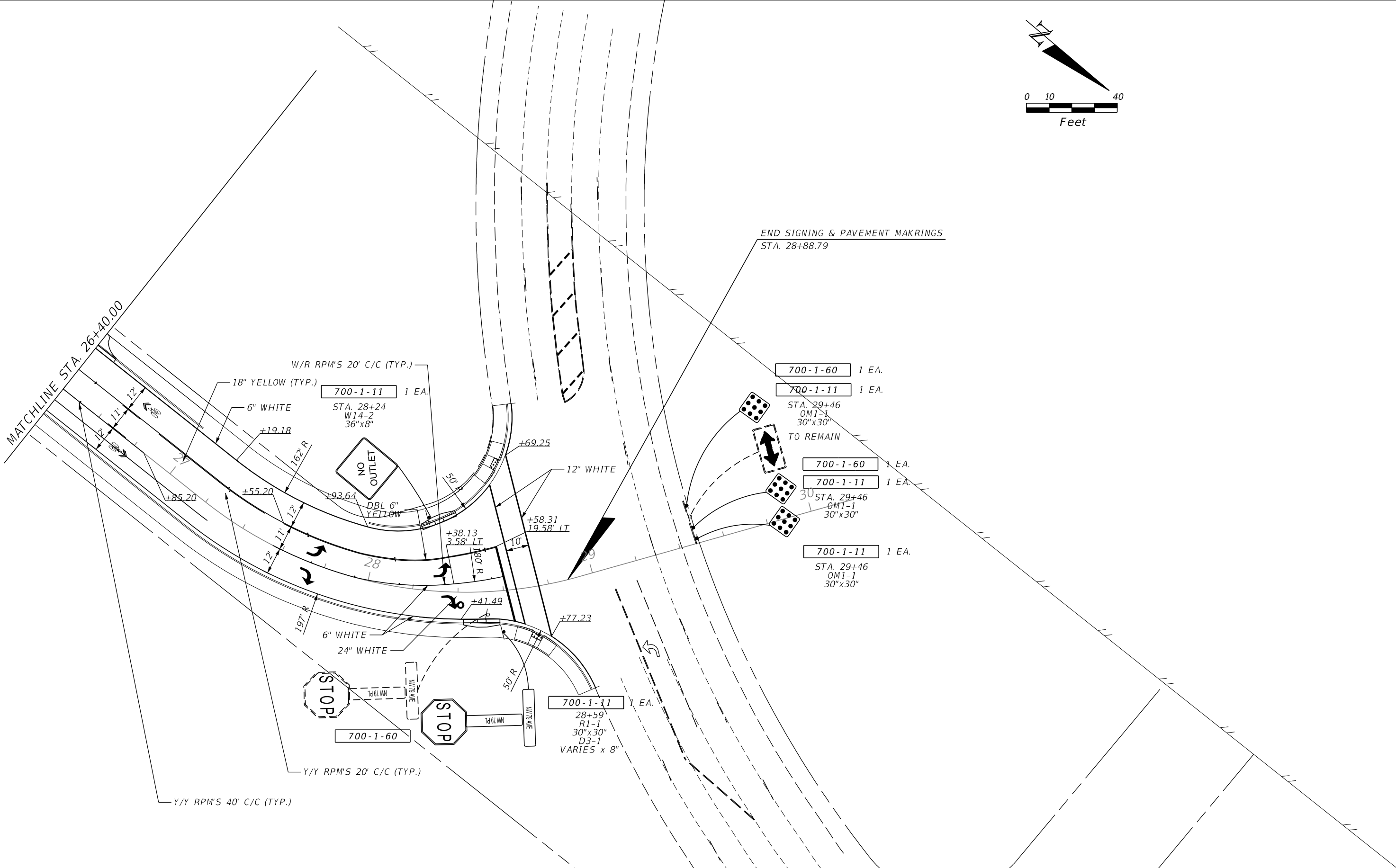
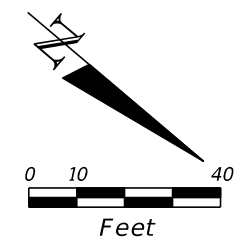
TOWN OF MEDLEY

OCP NO.	COUNTY
SW-0115	MIAMI-DADE

**SIGNING & PAVEMENT  
MARKINGS**

SHEET NO.  
S-5

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RICARDO A. CASTRO, P.E.  
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TOWN OF MEDLEY	
OCP NO.	COUNTY
SW-0115	MIAMI-DADE

**SIGNING & PAVEMENT  
MARKINGS**

SHEET NO.  
S-6

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