

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LANDSCAPE ARCHITECTURE PLANS

STATE OF FLORIDA
CITY OF TAMPA

WALK-BIKE LAP PROJECT

FINANCIAL PROJECT ID 437246-1-58-01

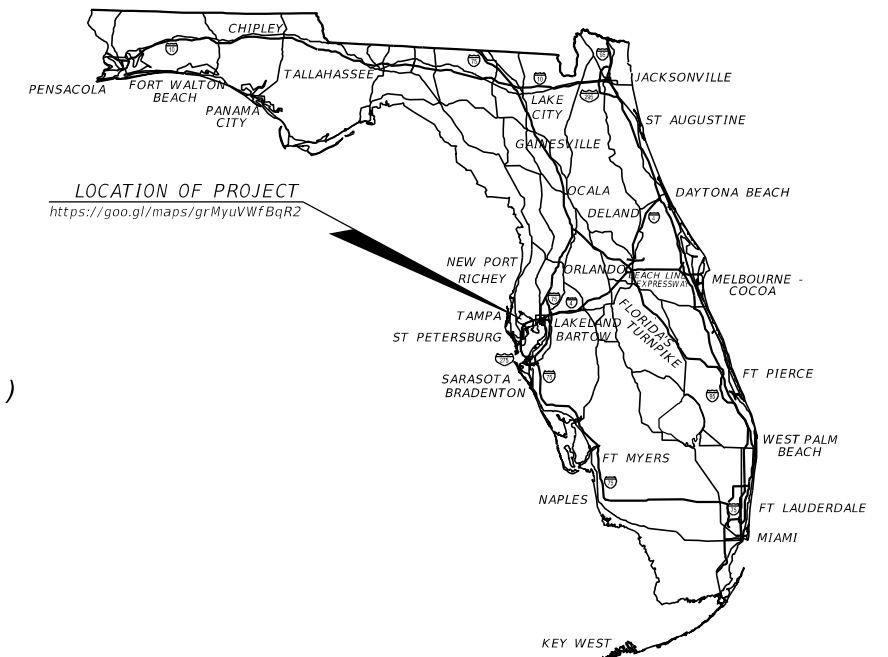
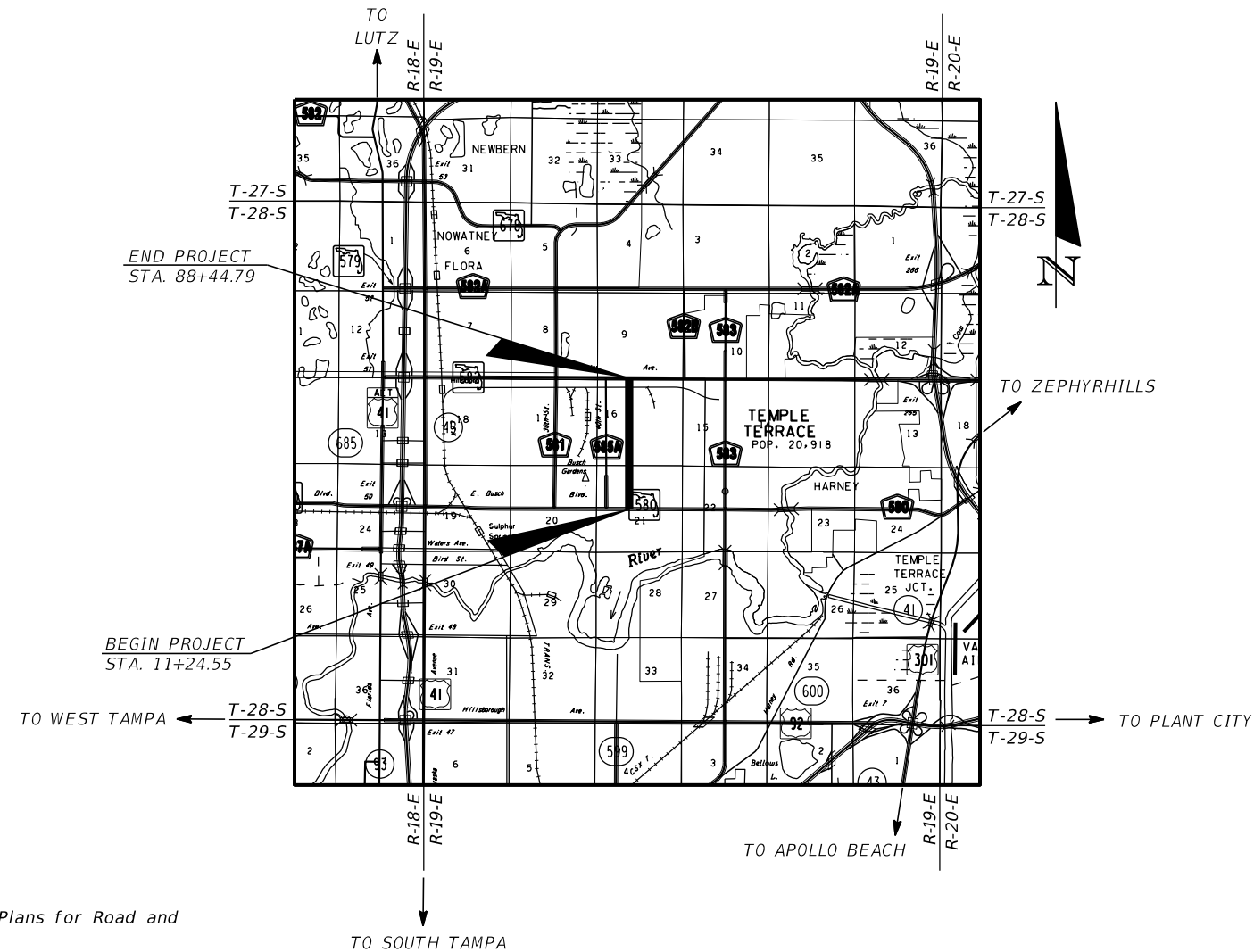
CITY PROJECT NO. 1001220

HILLSBOROUGH COUNTY

46TH STREET FROM SR 580 (E BUSCH BLVD) TO SR 582 (E FOWLER AVE)

INDEX OF ROADWAY PLANS

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100% SUBMITTAL
09/23/2019

ROADWAY PLANS
ENGINEER OF RECORD:
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
(813) 978-8688
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA PROJECT MANAGER:
NINA MABILLEAU, E.I.

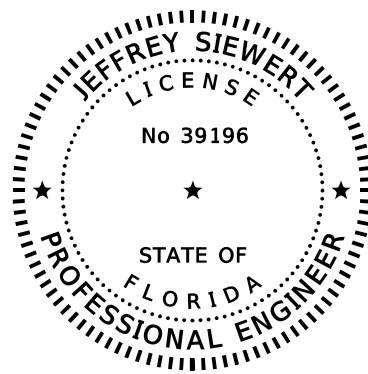
GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

FISCAL YEAR	SHEET NO.
21	1

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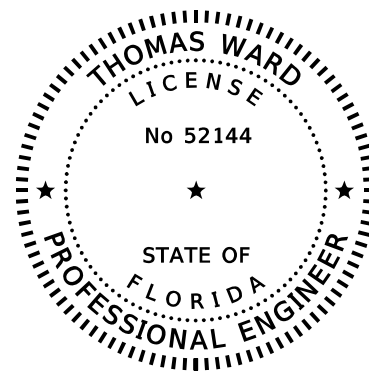
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AYRES ASSOCIATES INC.
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION: 4356
JEFFREY SIEWERT, P.E. NO. 39196

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	KEYSHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4 - 6	TYPICAL SECTIONS
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SQ-1 - SQ-22	SUMMARY OF QUANTITIES



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BES INC.
1107 N 56TH ST, SUITE 209
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION: 9835
THOMAS WARD, P.E. NO. 52144

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>
2	SIGNATURE SHEET
9	SUMMARY OF DRAINAGE STRUCTURES
84 - 94	DRAINAGE STRUCTURES

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			<i>SIGNATURE SHEET</i>	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

CITY OF TAMPA
PROPOSAL SUMMARY OF PAY ITEMS
CIP NO.: 1001220 / FPID: 437246-1-58-01

SUMMARY OF ROADWAY

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
0101 1	MOBILIZATION	LS	1
0102 1	MAINTENANCE OF TRAFFIC	LS	1
0102 104	TEMPORARY SIGNALS & MAINTENANCE, INTERSECTION - EACH DAY	ED	920
0102 107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION - EACH DAY	ED	920
0107 1	LITTER REMOVAL AND DISPOSAL	AC	100.509
0107 2	MOWING	AC	100.509
0110 1 1	CLEARING & GRUBBING	AC	3.178
0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	2987
0110 7 1	MAIL BOX - RELOCATE	EA	11
0160 4	TYPE B STABILIZATION	SY	5078
0285 709	OPTIONAL BASE GROUP - 09	SY	1662
0327 70 1	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	22301
0334 1	SUPERPAVE ASPHALTIC CONC, TRAF C, PG76-22	TN	2095.2
0425 5 1	MANHOLE, ADJUST, UTILITIES	EA	15
0425 6	VALVE BOX, ADJUST	EA	49
425.1	CITY OF TAMPA TYPE 1 CURB INLET	EA	3
425.2	CITY OF TAMPA TYPE 2 CURB INLET	EA	1
425.30	CITY OF TAMPA TYPE 3 CURB INLET	EA	1
425.40	CITY OF TAMPA TYPE E DITCH BOTTOM INLET	EA	1
425.50	CITY OF TAMPA TYPE H DITCH BOTTOM INLET	EA	1
425.60	CITY OF TAMPA TYPE T DITCH BOTTOM INLET	EA	15
0425-2-61	FDOT MANHOLE, P-8, <10' (W/ CITY OF TAMPA RIM AND COVER)	EA	2
0430 175112	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	LF	4
0430 175115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	12
0430 175118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	297
0430 175124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	161
0430 175218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	179
0430 175230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/CD	LF	4
0430 982129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1
0515 1 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	35
0520 1 10	CURB AND GUTTER TYPE F	LF	2210
0520 2 4	CONCRETE CURB, TYPE D	LF	380
0520 2 8	CONCRETE CURB, TYPE RA	LF	116
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL-VARIABLE WIDTH	SY	51
0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	5135
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2453
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	136
0524 1 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	71
0527 2	DETECTABLE WARNINGS	SF	728
0550 10240	FENCING, TYPE B, 7.1-8.0', STANDARD	LF	468
0570 1 2	PERFORMANCE TURF, SOD	SY	7009

SUMMARY OF SIGNALIZATION

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
630-2-11	CONDUIT, F&I, OPEN TRENCH	LF	60
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	LF	230
632-7-1	SIGNAL CABLE, NEW OR RECONSTRUCTED INTERSECTION, F&I	PI	1
632-7-6	SIGNAL CABLE, REMOVE - INTERSECTION	PI	1
635-2-12	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE	EA	10
646-1-11	ALUMINUM SIGNAL POLE, PEDESTAL	EA	3
653-1-11	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN, 1-WAY	AS	2
653-1-12	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN, 2-WAY	AS	1
653-1-60	PEDESTRIAN SIGNAL, REMOVE PEDESTRIAN SIGNAL, POLE/PEDESTAL TO REMAIN	AS	2
654-2-22	RECTANGULAR RAPID FLASHING BEACON, F&I, SOLAR, COMPLETE SIGN ASSEMBLY, BACK TO BACK	AS	10
660-1-103	LOOP DETECTOR, INDUCTIVE, F&I, TYPE 3	EA	4
660-2-101	LOOP ASSEMBLY, F&I, TYPE A	AS	4
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	4
665-1-12	PEDESTRIAN DETECTOR, F&I, ACCESSIBLE	EA	4
665-1-60	PEDESTRIAN DETECTOR, REMOVE - POLE/PEDESTAL TO REMAIN	EA	2
670-5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	1
670-5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1
700-5-22	INTERNALLY ILLUMINATED SIGN, F&I, OVERHEAD MOUNT, 12-18 SF	EA	6

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA
PROPOSAL SUMMARY OF PAY ITEMS
CIP NO.: 1001220 / FPID: 437246-1-58-01

SUMMARY OF SIGNING AND PAVEMENT MARKING

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	36
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	2
0700 1 60	SINGLE POST SIGN, REMOVE	AS	8
0700 3401	SIGN PANEL, INSTALL, UP TO 12 SF	EA	5
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	5
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	887
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	910
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.4E-2
0711 11143	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE, 12" FOR ROUNDABOUT	GM	1.4E-2
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	4
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	5
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	EA	274.6
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	EA	217.4
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	61
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2.825
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2.774
425.20			

SUMMARY OF LANDSCAPING

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
25.01	TREE BUBBLERS 1 GPM - HUNTER	EA	77
25.02	3/4" PVC FLEX PIPE	LF	290
25.03	3/4" PVC SCH 40 PIPE	LF	275
25.04	1" PVC SCH 40 PIPE	LF	275
25.05	1-1/2" PVC SCH 40 PIPE	LF	680
25.06	2" PVC SCH 40 PIPE	LF	600
25.07	2-1/2" PVC SCH 40 PIPE - MAIN	LF	1160
25.08	DRIP IRRIGATION-NETA-FIM	SF	866
25.09	NODE CONTROLLER - HUNTER	EA	5
25.1	2" BALL VALVE	EA	1
25.11	1 BACKFLOW PREVENTOR	EA	1
25.12	6" PVC SLEEVE WITH DIRECTIONAL BORE	LF	410
25.13	LOCATION TAPE ALONG MAIN	LF	1160
580-2.1.1	SABAL PALM - ENHANCED ROOT	EA	38
580-2.1.1	CREPE MYRTLE 4" CALIPER STANDARD 65 GALLON OR B+B	EA	44
580-2.1.1	SIMPSON STOPPER	EA	51
580-2.5	PREPARED PLANTING SOILS	CY	14
580-2.4	PINE BARK MULCH	CY	7

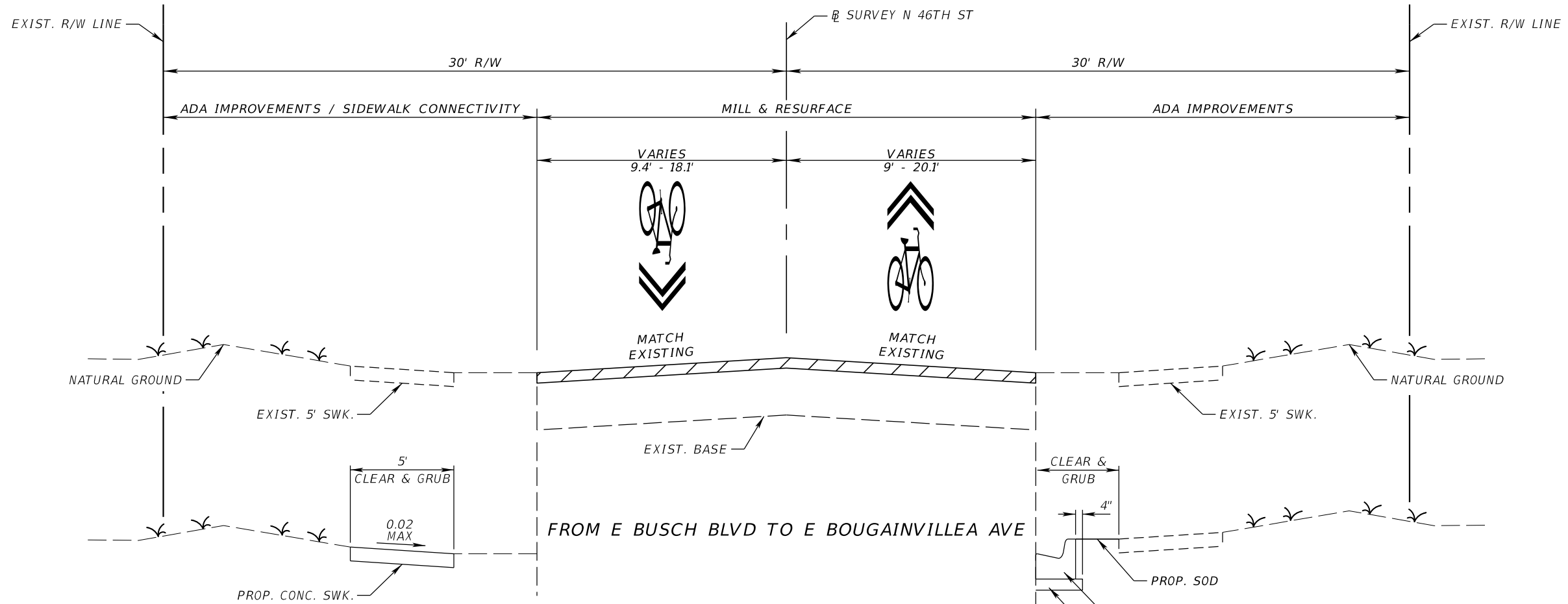
CITY OF TAMPA
TRANSPORTATION DEPARTMENT

CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

SUMMARY OF PAY ITEMS

SHEET NO.

3



STA. 15+50.92 TO STA. 23+09.58

TYPICAL SECTION 1 (N.T.S.)
N 46TH ST
 STA. 11+24.55 TO STA. 35+15.20
 STA. 37+65.21 TO STA. 50+00.00

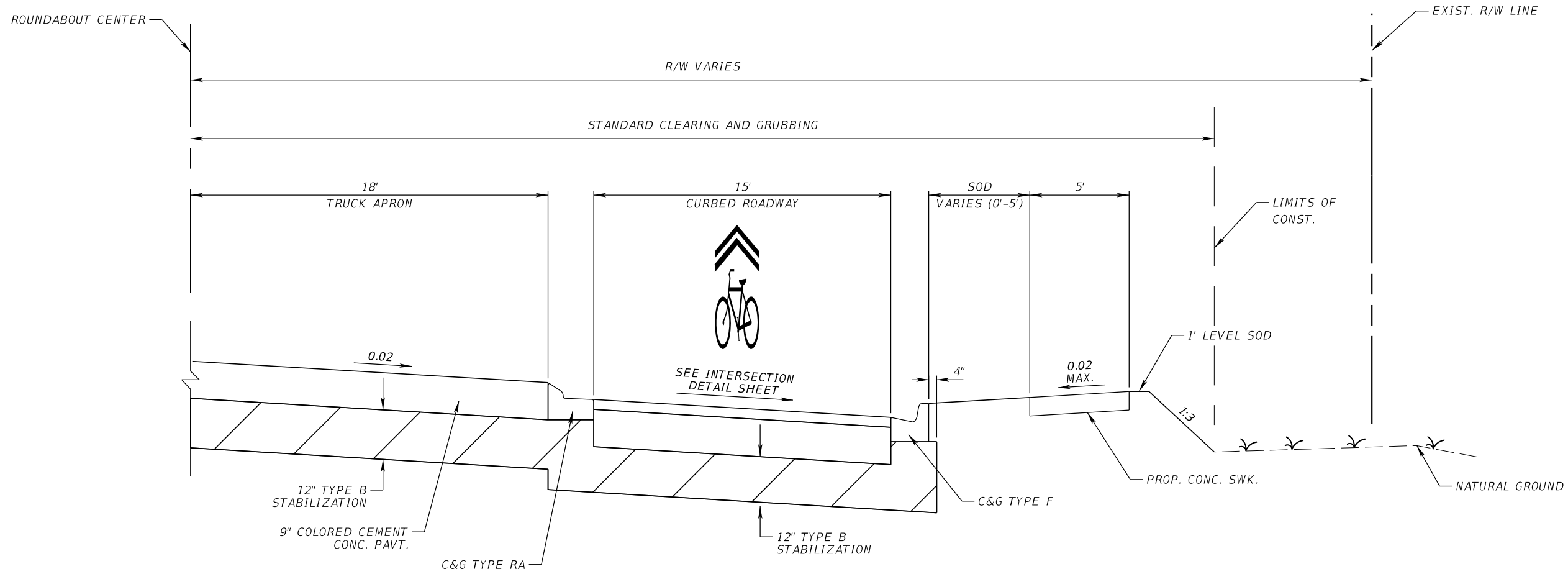
STA. 23+46.85 TO STA. 31+66.00

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 6,300
 K = 9.0% D = 59.7% T = 5.7% (24 HOUR)
 DESIGN HOUR T = 2.9%
 DESIGN SPEED = 30 MPH

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TYPICAL SECTION (1) SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

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INTERSECTION AT E LINEBAUGH AVE (MINI ROUNDABOUT)

TYPICAL SECTION 2 (N.T.S.)
N 46TH ST
STA. 35+15.20 TO STA. 37+65.21

NEW CONSTRUCTION (CIRCULATORY ROADWAY)

OPTIONAL BASE GROUP 09 WITH
 TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC C) (3")

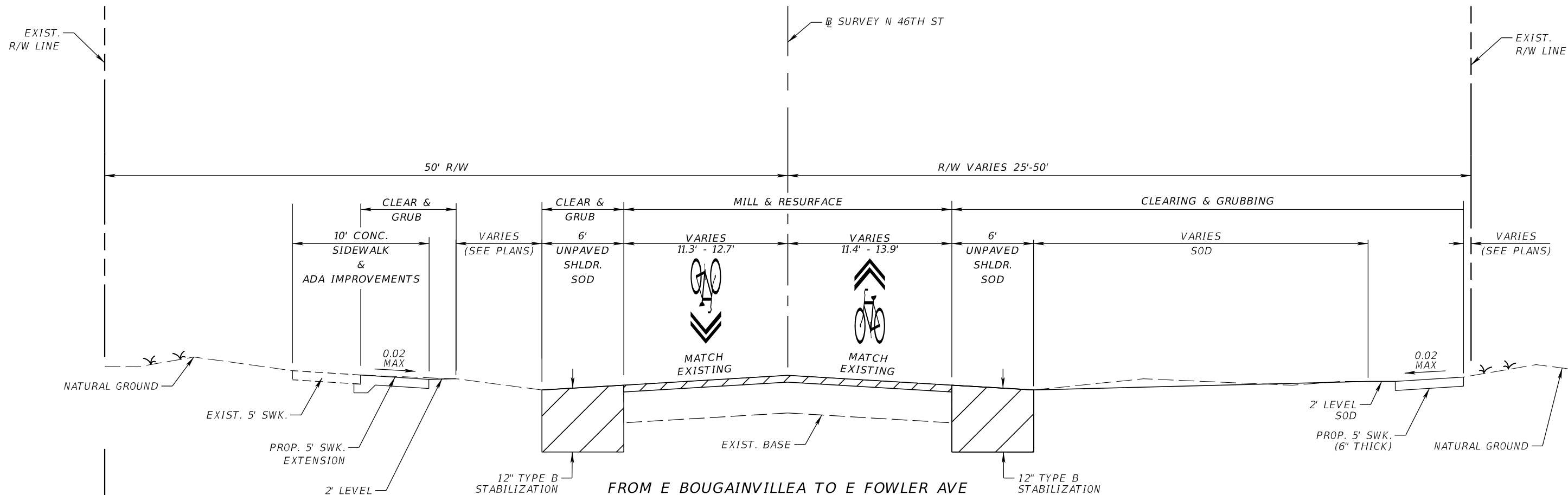
NEW CONSTRUCTION (TRUCK APRON)

COLORED CEMENT CONCRETE PAVEMENT (9")

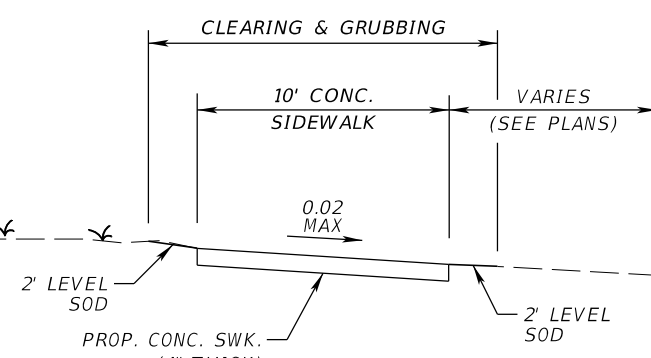
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	



STA. 50+22.10 TO STA. 63+21.33



STA. 63+62.13 TO STA. 87+99.33

TYPICAL SECTION 3 (N.T.S.)
N 46TH ST
STA. 50+00.00 TO STA. 88+44.79

- MILLING**
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1.5")
- RESURFACING**
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

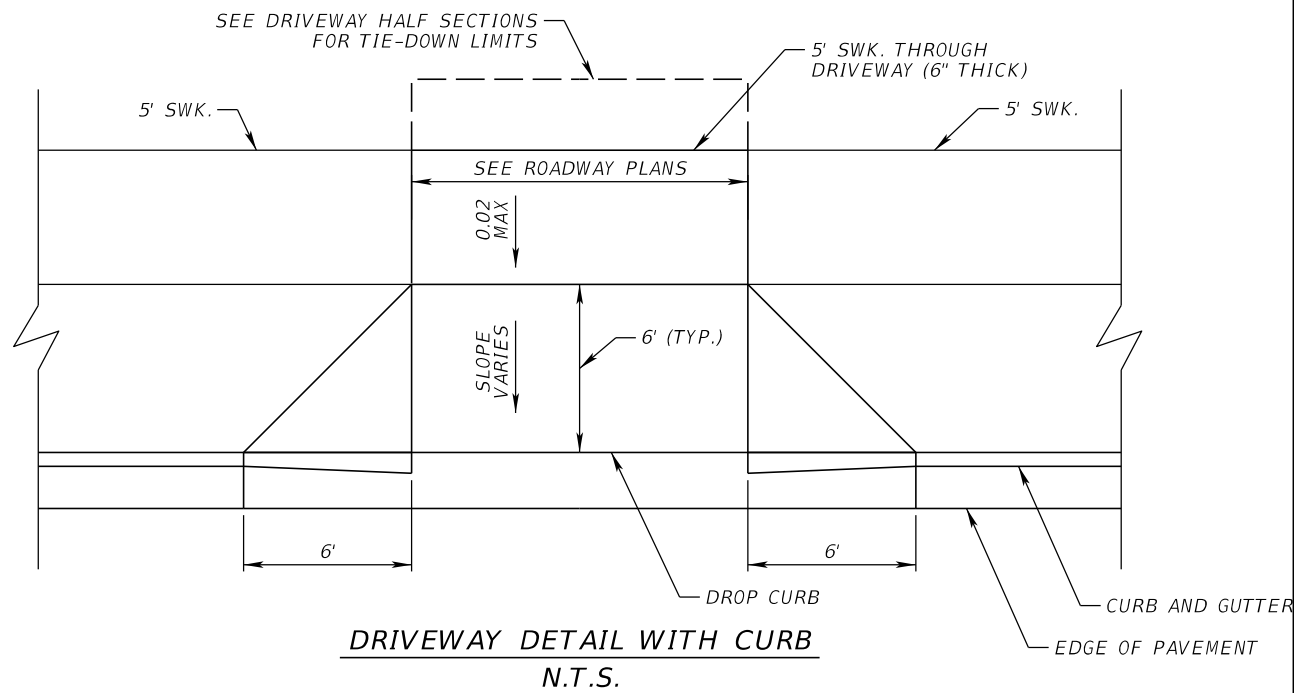
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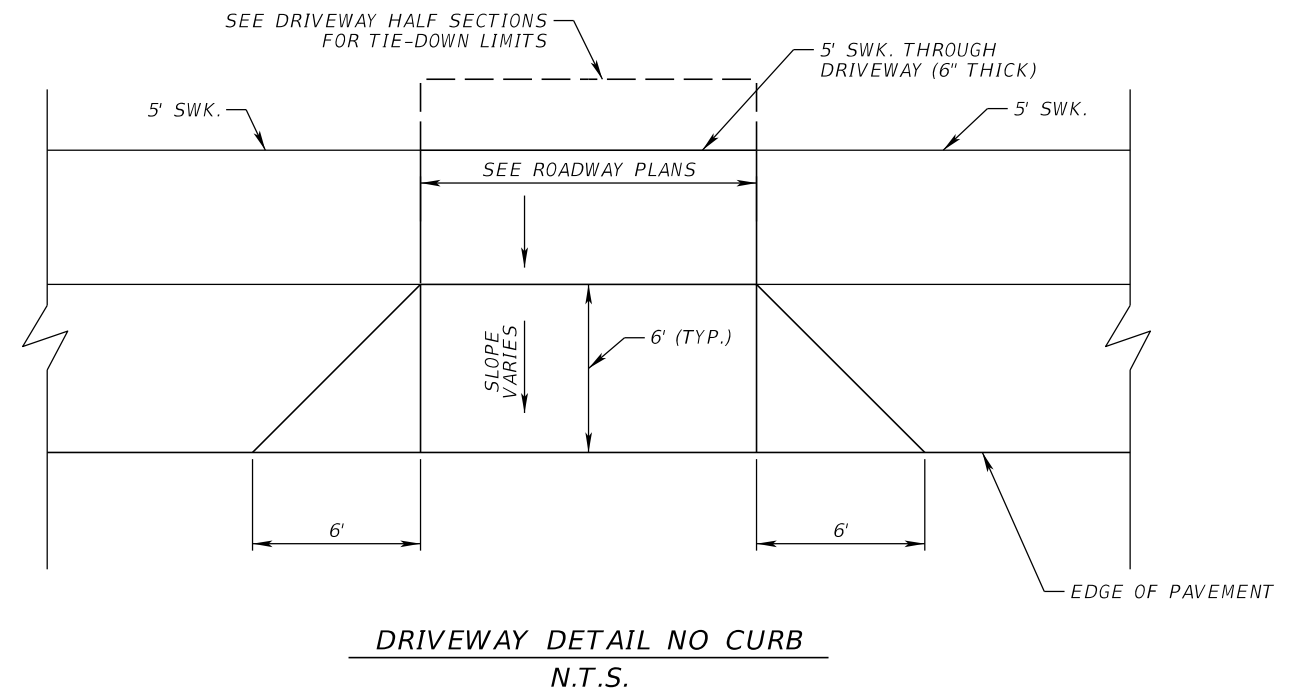
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

TYPICAL SECTION (3)

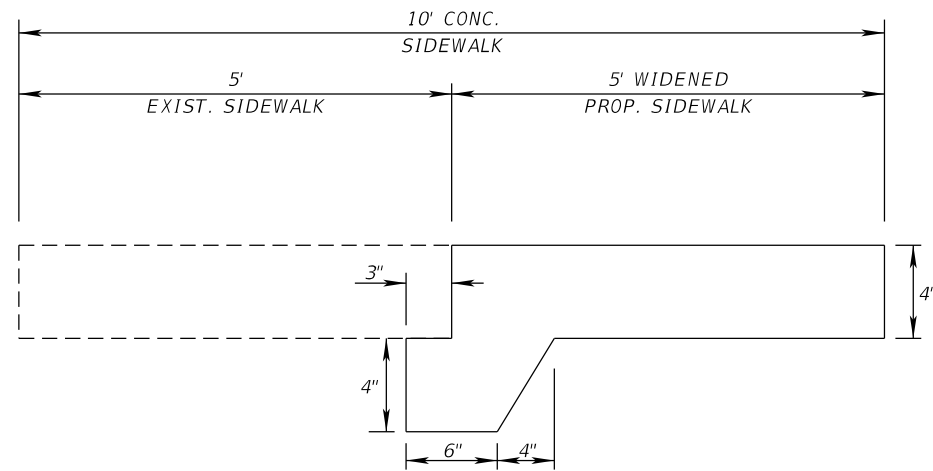
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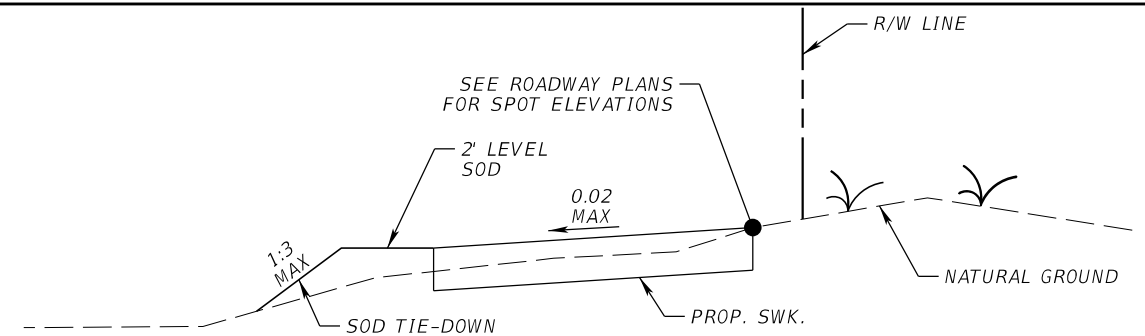
DRIVEWAY DETAIL WITH CURB
N.T.S.



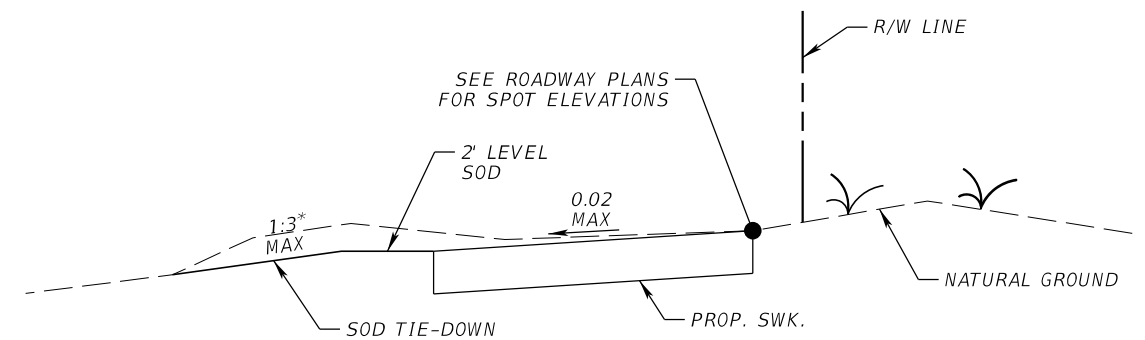
DRIVEWAY DETAIL NO CURB
N.T.S.



SIDEWALK EXTENSION DETAIL
N.T.S.



OPTION 1 - ABOVE GROUND



OPTION 2 - UNDERNEATH GROUND

SIDEWALK TIE-DOWN DETAIL
N.T.S.

* TIE-DOWN SOD LIMITS VARY.
TIE-DOWN TO MAINTAIN ADVERSE DRAINAGE.

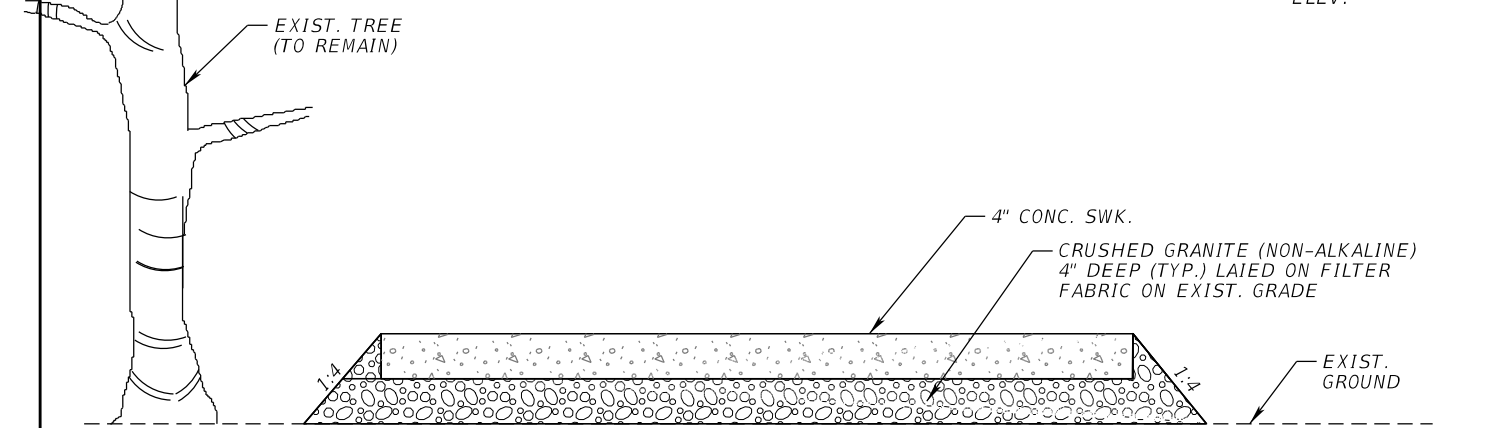
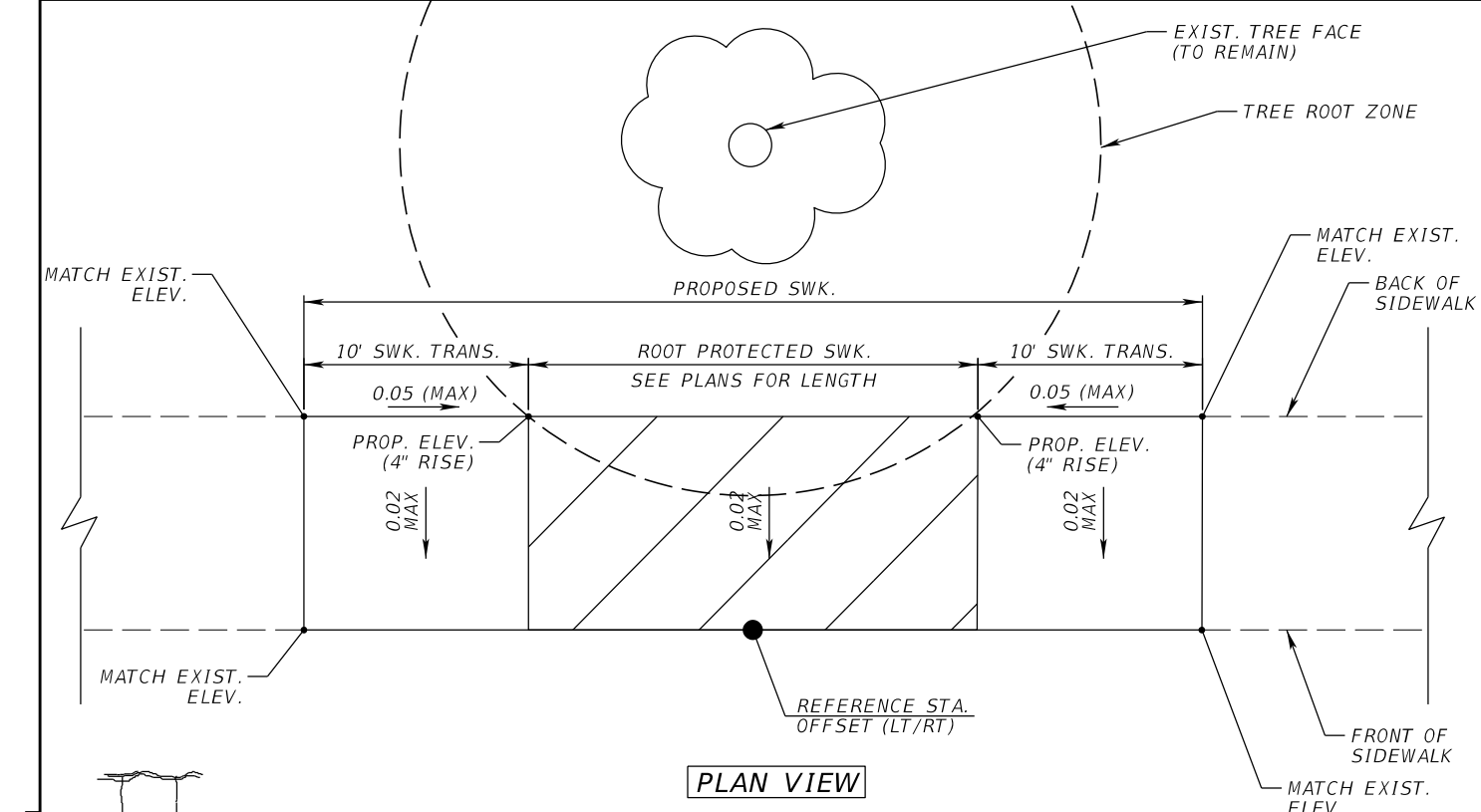
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

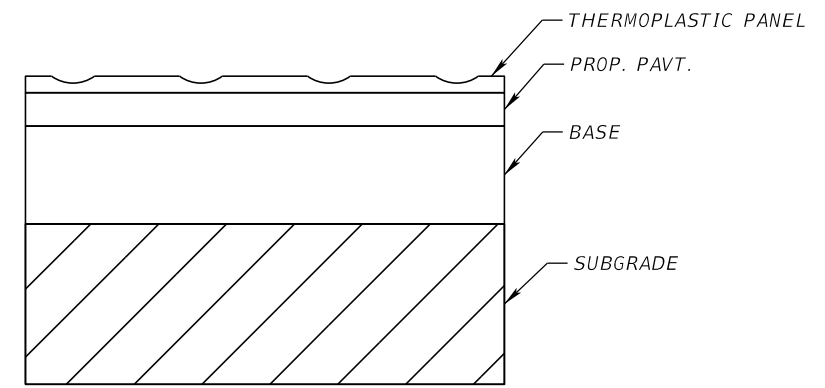
TYPICAL SECTION DETAILS (1)	
DATE	SHEET NO.
	7

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ROOT PROTECTED SIDEWALK DETAIL
N.T.S.

- STA. 20+80.87 RT STA. 13+32.96 LT
- STA. 21+25.06 RT STA. 48+23.69 LT
- STA. 29+35.19 RT
- STA. 30+44.71 RT
- STA. 51+85.39 RT
- STA. 52+39.04 RT
- STA. 52+96.19 RT
- STA. 55+28.48 RT



THERMOPLASTIC PAVEMENT OVERLAY FOR ASPHALT AND CONCRETE BRICK PATTERN
N.T.S.

- STA. 36+40.22 LT/RT
Ⓡ 46TH ST (TRUCK APRON)
- STA. 105+50.00 LT/RT
Ⓡ LINEBAUGH AVE (SPLITTER ISLAND)

TREE REMOVAL / REPLACEMENT TABLE			
TREES RETAINED DIAMETER (INCHES)	# OF TREES	MULTIPLIER FOR	TOTAL CREDITS
5" TO 7"	0	0	0
8" TO 12"	0	1	0
13" TO 19"	0	2	0
20" TO 29"	0	4	0
30" OR MORE	0	10	0
ALL PALMS	0	1	0
TOTAL	0		0

TREES REMOVED DIAMETER (INCHES)	# OF TREES	MULTIPLIER FOR	TOTAL DEBITS
5" TO 7"	3	0	0
8" TO 12"	0	1	0
13" TO 19"	0	2	0
20" TO 29"	1*	4	0
30" OR MORE	0	10	0
ALL PALMS	3	1	3
TOTAL	6		3
% REMOVED	N/A		

* TREE DEEMED DANGEROUS DURING FIELD REVIEW AND N/A TO CREDIT TOTAL

TREE REMOVAL TABLE

- 14+11.33 LT (20" TO 29")
- 50+37.08 RT (5" TO 7")
- 50+45.56 RT (5" TO 7")
- 56+22.60 RT (5" TO 7")
- 69+29.84 RT (PALM)
- 69+31.73 RT (PALM)
- 69+36.81 RT (PALM)

NOTE: SEE ROADWAY PLANS FOR EXACT LOCATION OF TREE REMOVALS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TYPICAL SECTION DETAILS (2)

SHEET NO.
8

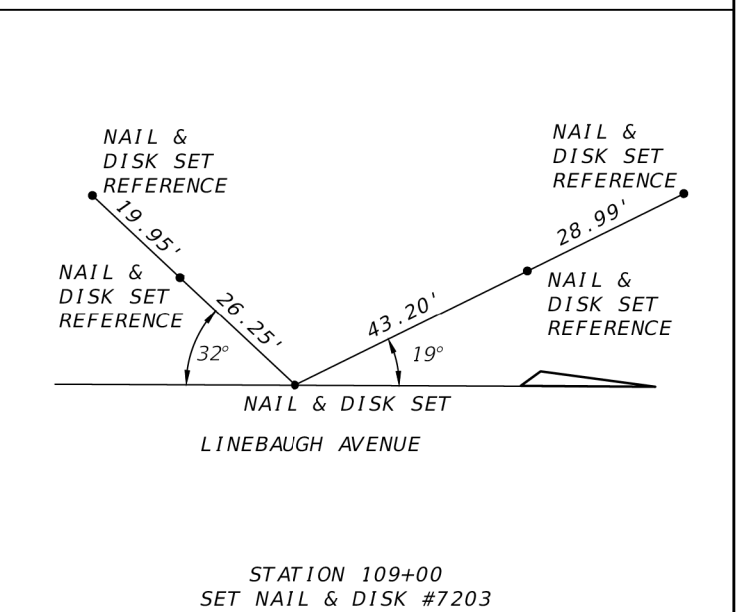
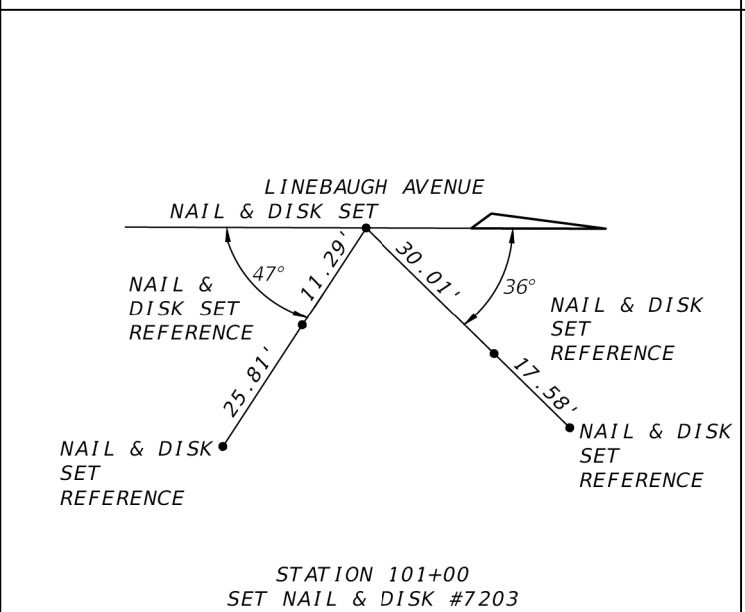
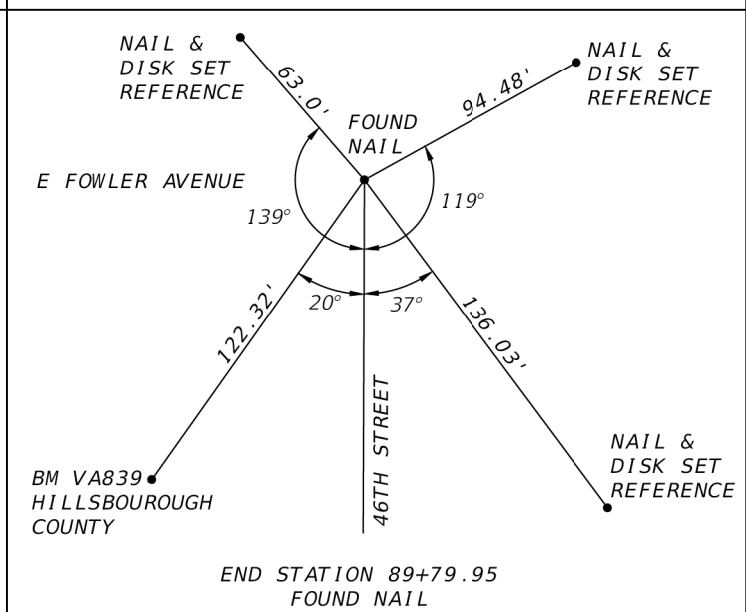
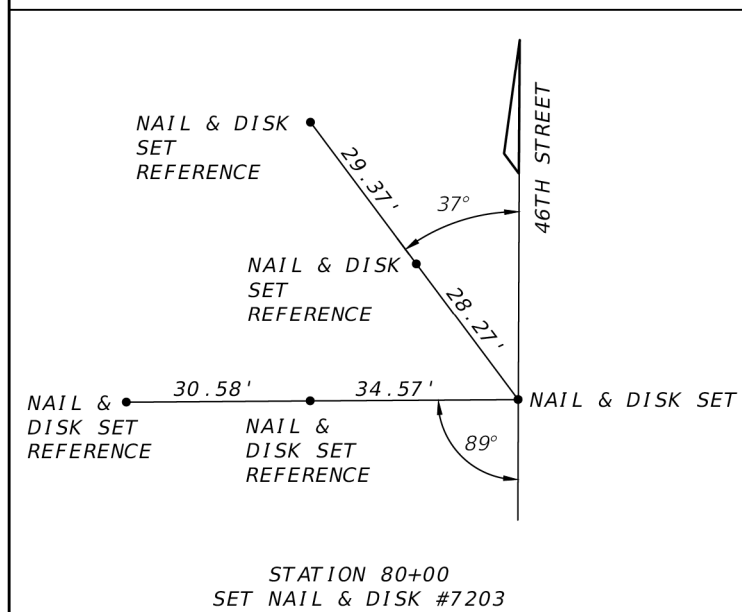
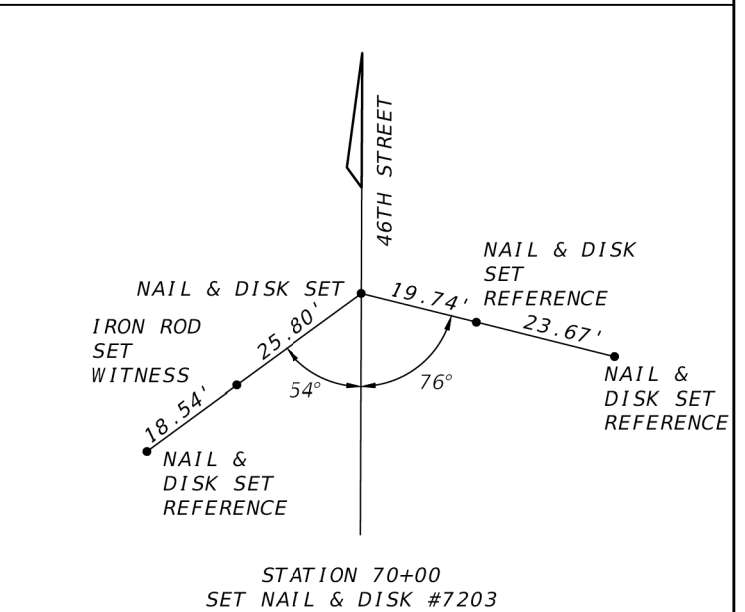
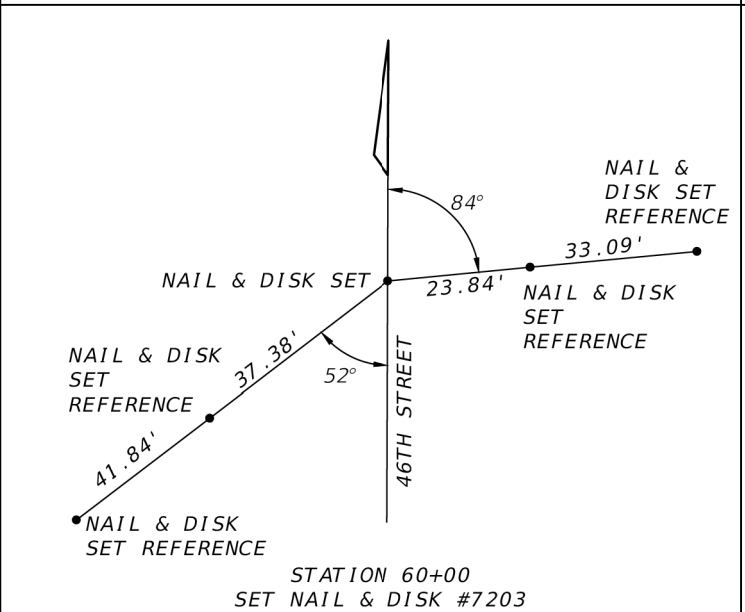
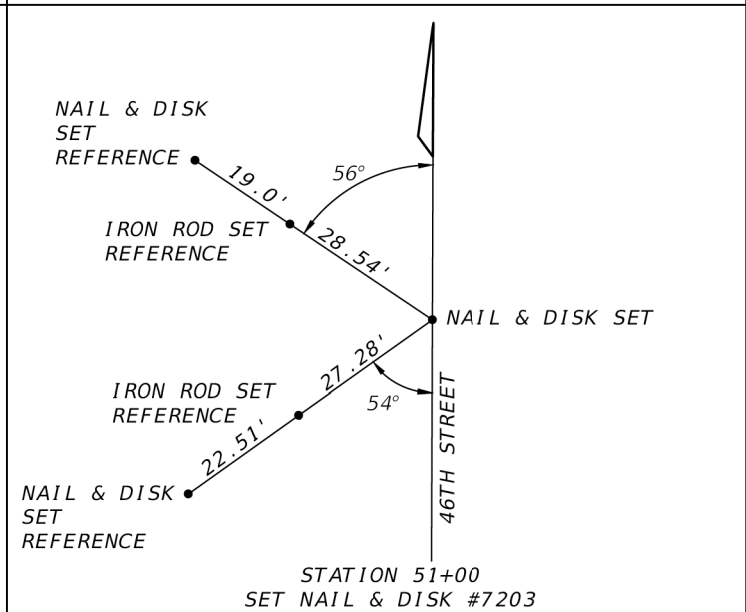
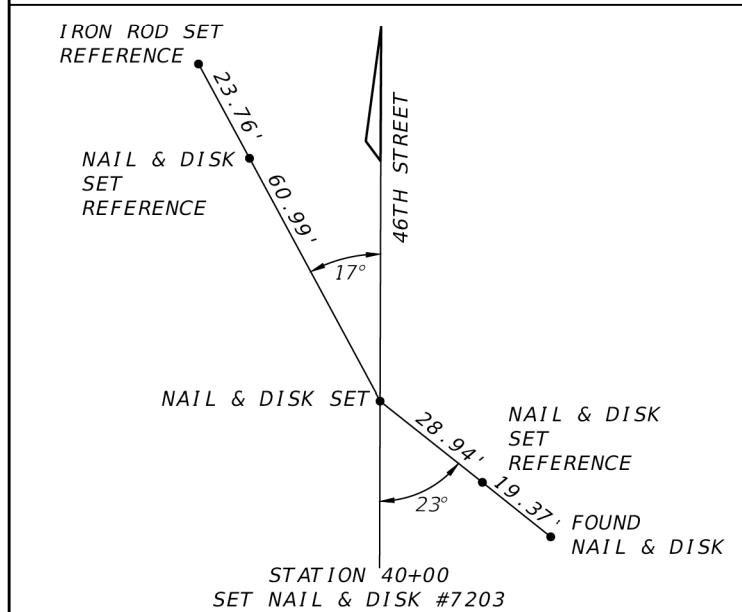
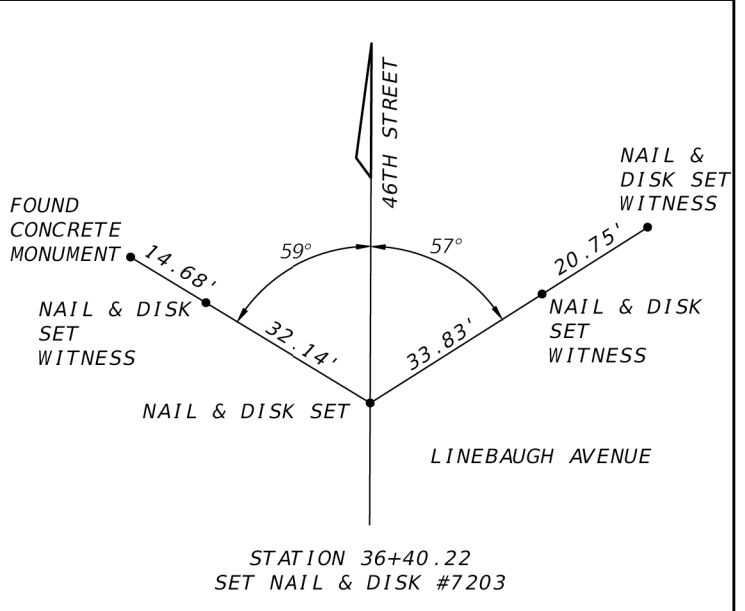
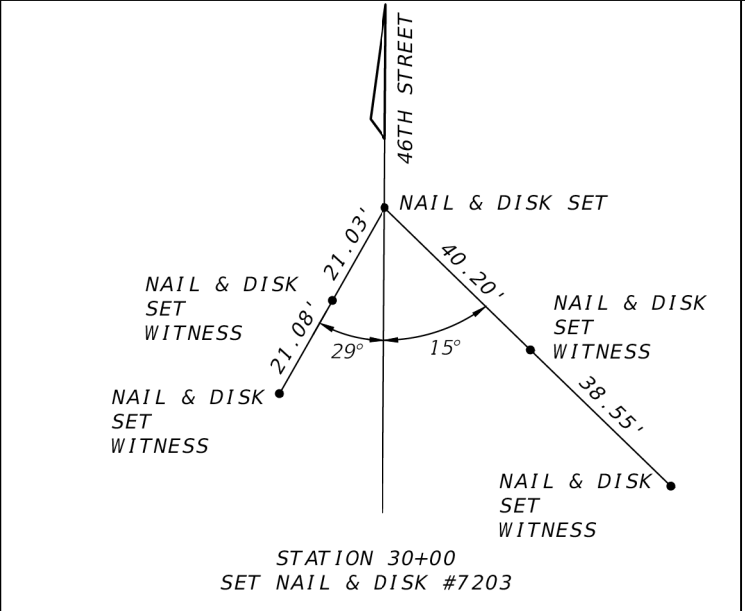
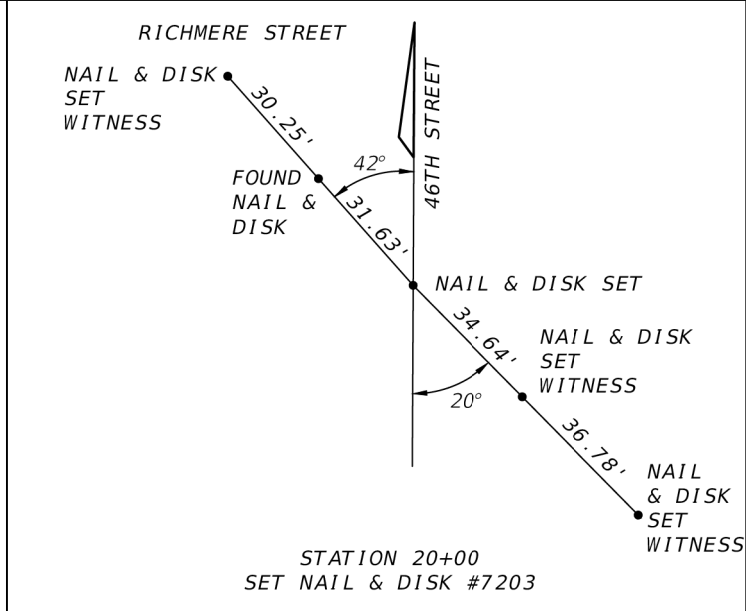
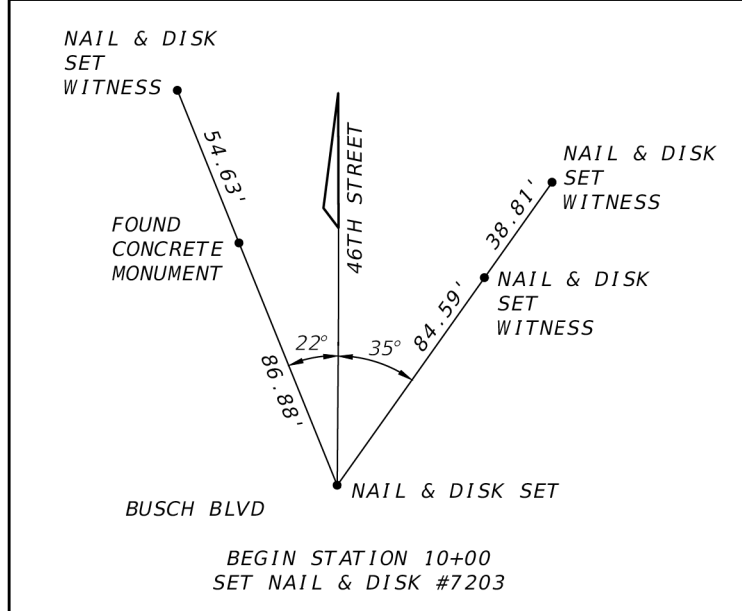
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN RCP MATERIAL						CURB INLETS			MANHOLES	DITCH BOTTOM INLETS			SIDE DRAIN MITERED END SECTION	CONCRETE JACKETS	4" CONC. DITCH PAVT.	SODDING	REMARKS
						ROUND				OTHER		TYPE 1	TYPE 2	TYPE 3	P-8	E	H	T					
						12"	15"	18"	24"	12"x18"	19"x30"	<10'	<10'	<10'	<10'	<10'	<10'	<10'					
P	S-1	15+27.33	RT.	TYPE T GRATE INLET	1	4												24"	EA	SY	SY		
F																			1		12.3		
P	S-2	16+19.68	RT.	TYPE T GRATE INLET	1		4												1		11.4		
F																			1				
P	S-3	17+67.76	LT.	TYPE T GRATE INLET	1			4	4										2		0.8		
F																			2				
P	S-4	17+70.64	RT.	TYPE T GRATE INLET	1		4												1		5.4		
F																			1				
P	S-5	18+10.32	LT.	TYPE T GRATE INLET W/ 4'X8' J BOTTOM	1			4											1		1.7		
F																			1				
P	S-6	18+78.58	LT.	TYPE T GRATE INLET	1			68													0.5		
F																							
P	S-7	19+46.83	LT.	TYPE T GRATE INLET	1			68													0.5		
F																							
P	S-8	20+15.08	LT.	TYPE T GRATE INLET W/ 4'X8' J BOTTOM	1					8									2		4.7		
F																			2				
P	S-9	20+59.70	LT.	TYPE T GRATE INLET W/ 3'X6' J BOTTOM	1					4									1		4.9		
F																			1				
P	S-10	21+38.98	LT.	TYPE T GRATE INLET	1					76											0.9		
F																							
P	S-11	22+18.26	LT.	TYPE T GRATE INLET	1					79											0.9		
F																							
P	S-12	22+97.54	LT.	TYPE T GRATE INLET W/ 4'X6' J BOTTOM	1					8									2		4.3		
F																			2				
P	S-13	23+40.43	RT.	TYPE T GRATE INLET W/ 4'X6' J BOTTOM	1						4								1		6.5		
F																			1				
P	S-14	23+46.18	LT.	TYPE T GRATE INLET W/ 4'X6' J BOTTOM	1					4									1		9.9		
F																			1				
P	S-15	35+86.00	LT.	TYPE 1 CURB INLET	1				99			1											
F																							
P	S-16	35+86.00	RT.	TYPE 2 CURB INLET	1			31				1											
F																							
P	S-17	104+06.00	LT.	24" MITERED-END SECTION	1													1				4	B/L LINEBAUGH
F																							
P	S-18	36+88.17	LT.	MANHOLE W/ 4'X4' BOTTOM	1				58				1										
F																							
P	S-19	105+69.00	LT.	TYPE 1 CURB INLET	1			35				1											B/L LINEBAUGH
F																							
P	S-20	36+64.14	RT.	MANHOLE W/ 4'X4' BOTTOM	1			24					1										
F																							
P	S-21	36+88.17	RT.	TYPE 1 CURB INLET	1			47				1											
F																							
P	S-22	42+77.83	RT.	TYPE T GRATE INLET W/ 4'X4' J BOTTOM	1			4											1		1.1		
F																			1				
P	S-23	43+16.79	LT.	TYPE E GRATE INLET	1		4						1						1		0.9		
F																			1				
P	S-24	47+49.44	LT.	TYPE H GRATE INLET	1			4											2		4.3		
F																			2				
P	S-25	47+53.96	RT.	TYPE 3 CURB INLET	1			8					1						4				
F																			4				
P																							
F																							
Summary:					4	12	297	161	179	4	3	1	1	2	1	1	15	1	21	71	4		

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REVISIONS				THOMAS J. WARD, P.E. P.E. LICENSE NUMBER 52144 BES, INC. 11007 N. 56TH ST. SUITE 208 TEMPLE TERRACE, FL 33617 CERTIFICATE OF AUTHORIZATION 9835	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID		9
					18-D-00007	HILLSBOROUGH	437246-1-58-01		

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

PROJECT CONTROL		SHEET NO. 10
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES

ROADWAY

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON N 46TH ST FROM SR 580 (E BUSCH BLVD) TO SR 582 (E FOWLER AVE). THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

 RUSSELL P. HYATT, P.S.M.
 P.S.M. NO.: 5303
 HYATT SURVEY SERVICES, INC.
 2012 LENA RD.
 BRADENTON, FL 34211
 CERTIFICATE OF AUTHORIZATION: 4213
2. LANE DIRECTION ARROWS ARE FOR INFORMATIONAL PURPOSES ONLY.
3. ALL PARTIAL STATION CALL OUTS IN THE PLANS ARE BASED ON Q SURVEY N 46TH ST.
4. PROPOSED FLARED DRIVEWAYS TO BE CONSTRUCTED UTILIZING "OPTION B SIDEWALK FLARE" WHEN CONNECTING TO PROPOSED SIDEWALK (INDEX 522-003).
5. PROPOSED SPOT ELEVATIONS PROVIDED AT BACK OF SIDEWALKS (WHEN NEEDED) ALONG THE Q SURVEY AT EVEN 20' INCREMENTS. ELEVATIONS ALSO INCLUDED IN BACK OF SIDEWALK PLAN CALLOUTS.
6. REFER TO DRIVEWAY HALF SECTIONS FOR DRIVEWAY WIDTHS AND TIE-DOWN LIMITS.
7. ROADWAY WIDENING TO MAINTAIN A MINIMUM WIDTH OF 2'.
8. PROP. SWK. WITHIN EXIST. SWK. TO MATCH EXIST. ADJACENT JOINTS.
9. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND THE FDOT DISTRICT CONTAMINATION IMPACT COORDINATOR (DCIC) IMMEDIATELY IF THERE IS EVIDENCE OF CONTACT WITH A CONTAMINATION SITE.
10. SEE LANDSCAPE PLANS FOR EXIST. TREE TYPES AND SIZES.
11. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE:

 FLORIDA STATE FAIR
 GASPARILLA FESTIVAL OF THE ARTS
 RIVEROGREEN
 GASPARILLA PIRATES INVASION
 SANTA FEST
 MACDILL AIR FEST
 TAMPA'S TREE LIGHTING

DRAINAGE

1. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED.
2. INFORMATION FOR THE EXISTING STORM DRAIN SYSTEM HAS BEEN PROVIDED ON ROADWAY PLAN SHEET (15).

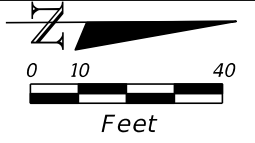
NOTES TO REVIEWERS

1. TEMPORARY CROSS SECTIONS PROVIDED FOR REVIEW PURPOSES ONLY.
 TEMPORARY CROSS SECTIONS TO BE REMOVED PRIOR TO FINAL SUBMITTAL.

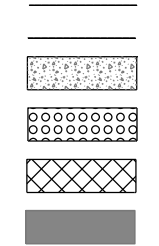
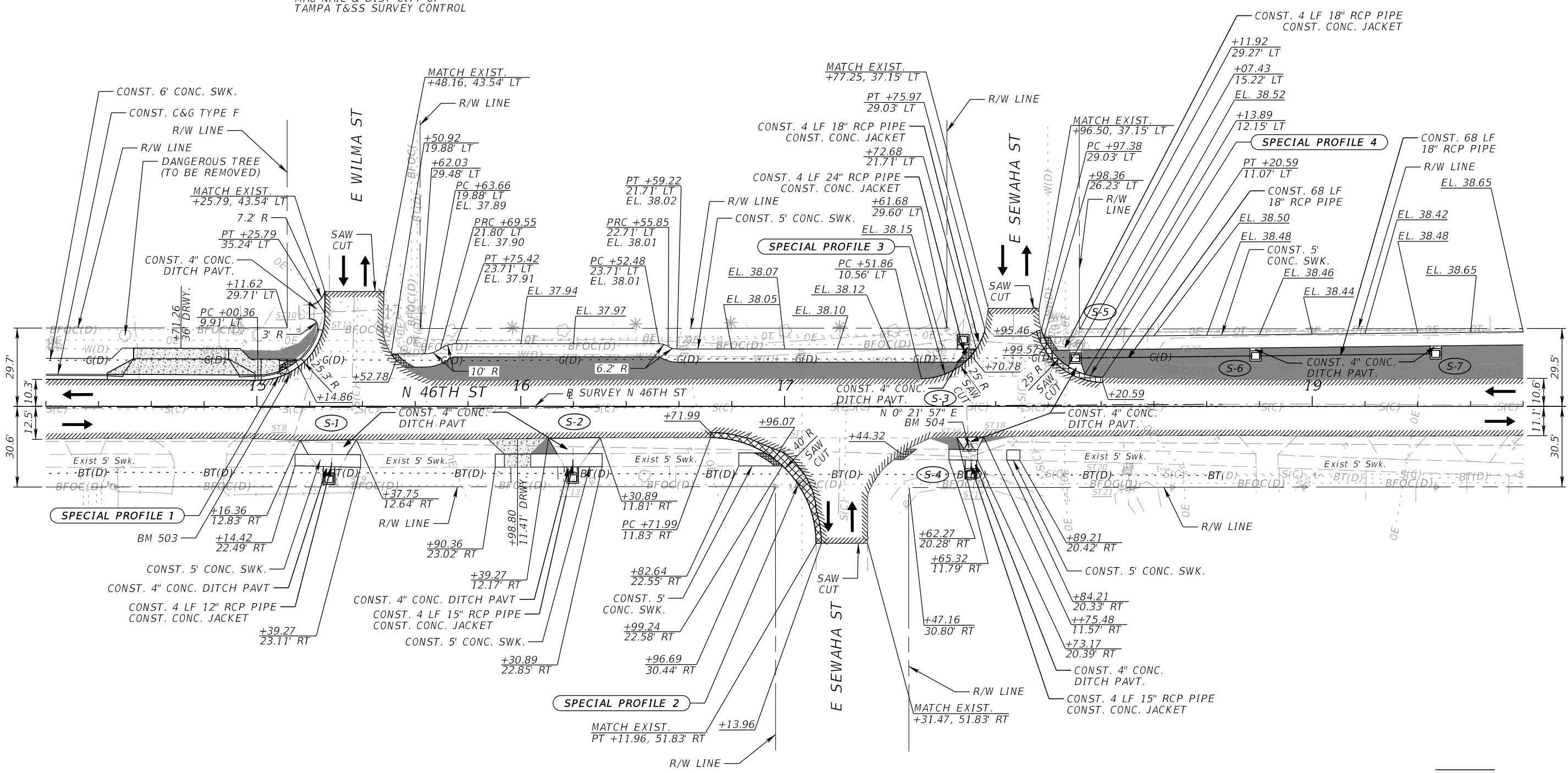
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
						1001220	HILLSBOROUGH		437246-1-58-01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮

BM 504:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

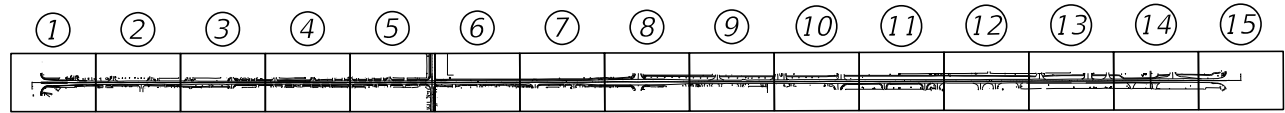


BM 503:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

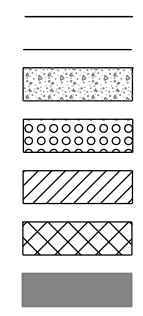
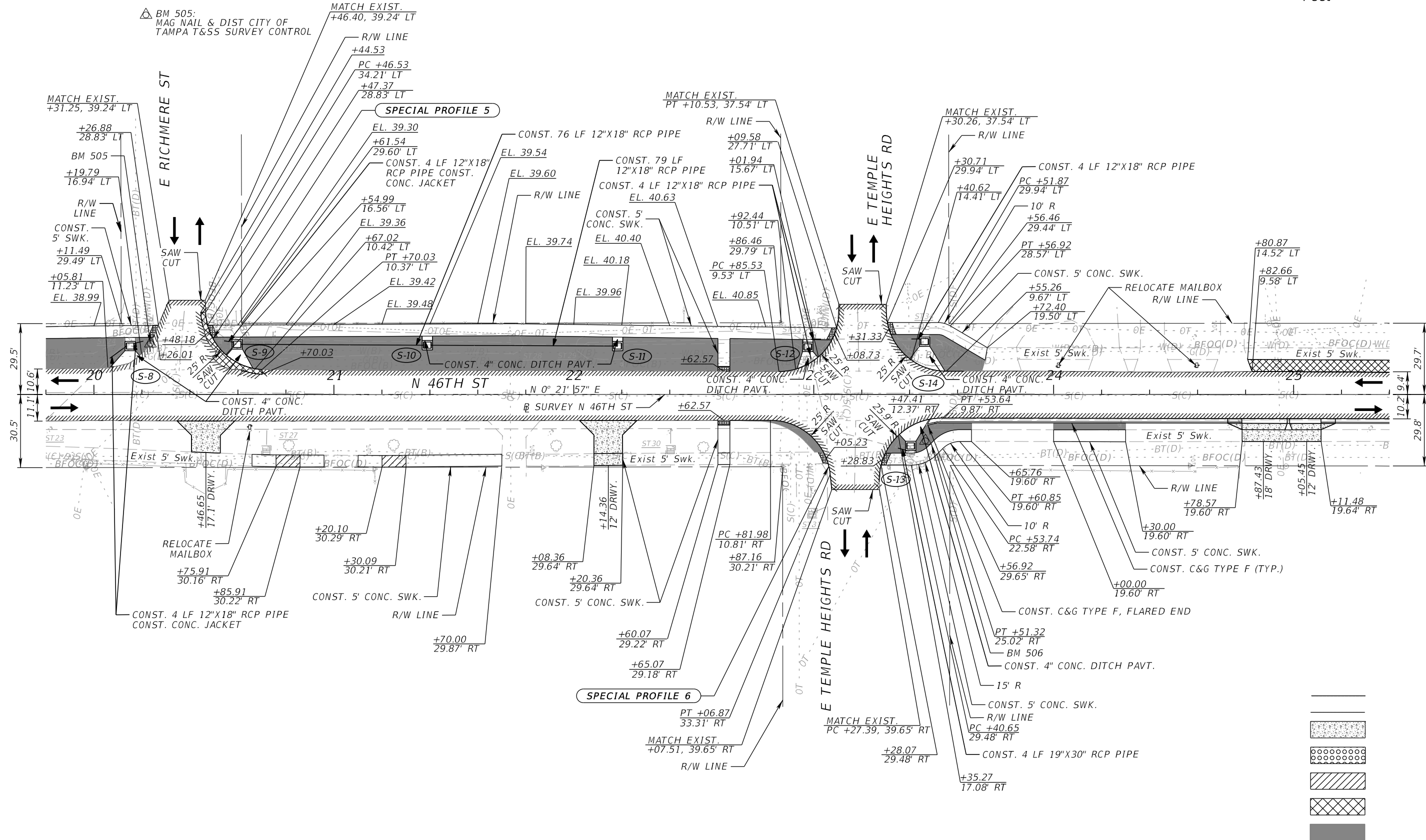
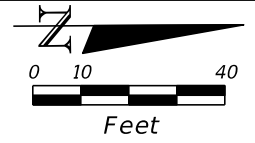


REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLANS (2)	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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BM 506:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

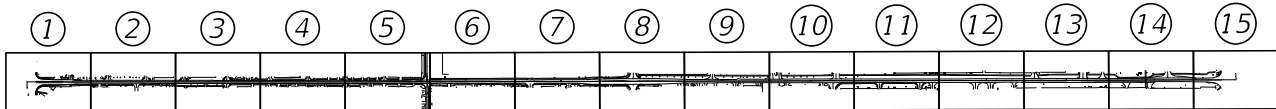
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

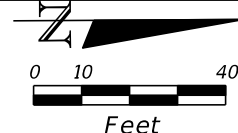
ROADWAY PLANS (3)

SHEET NO.
14

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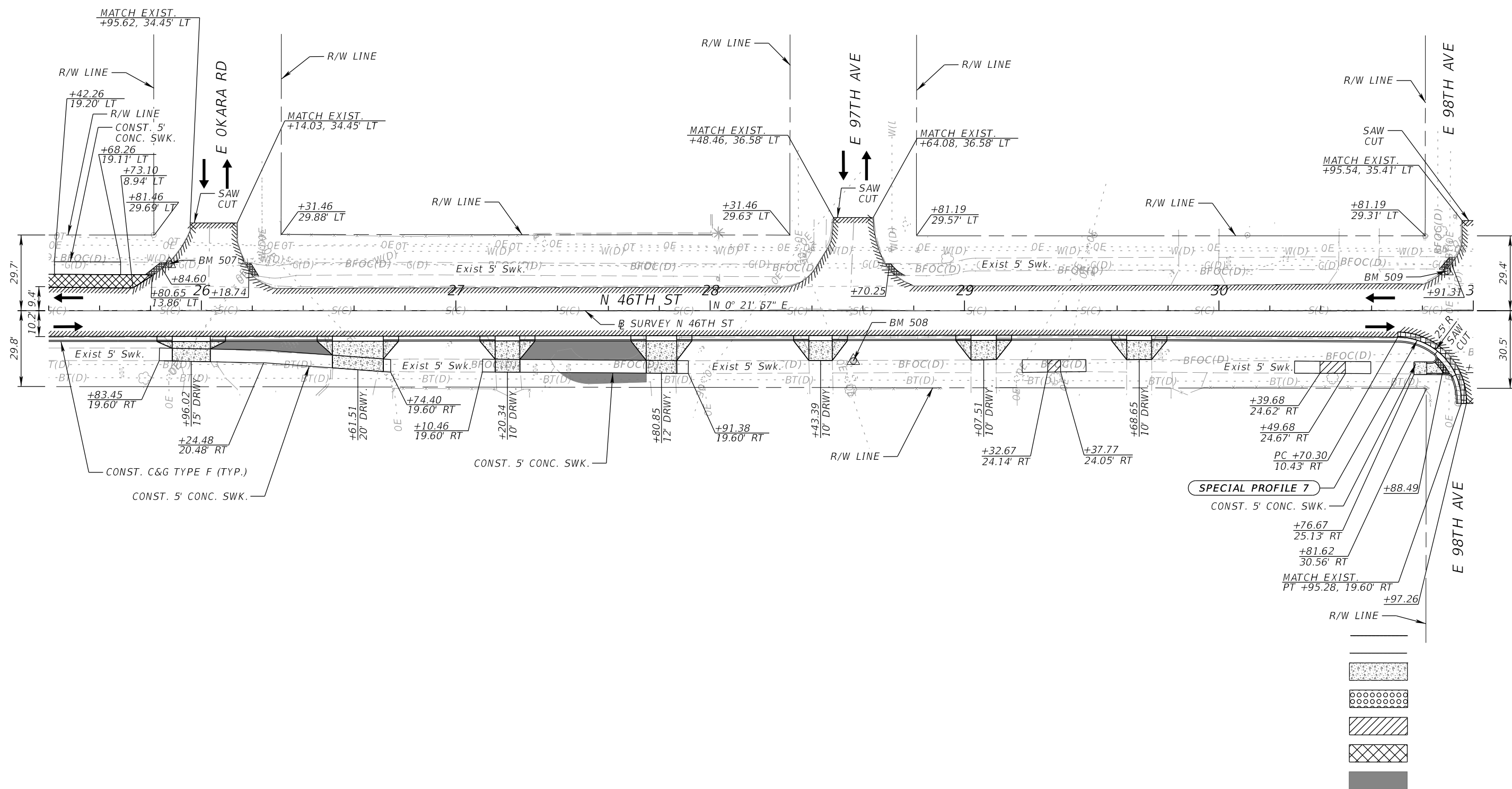


BM 508:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

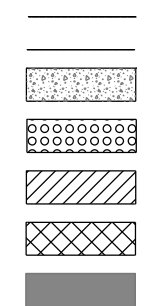


BM 507:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

BM 509:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



SPECIAL PROFILE 7
CONST. 5' CONC. SWK.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

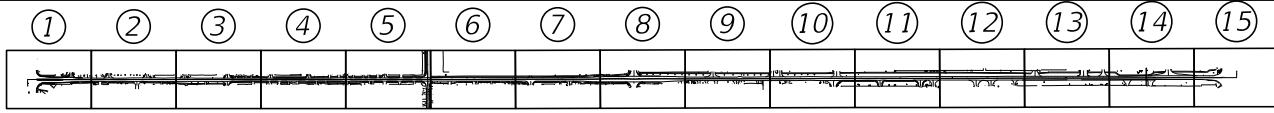
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

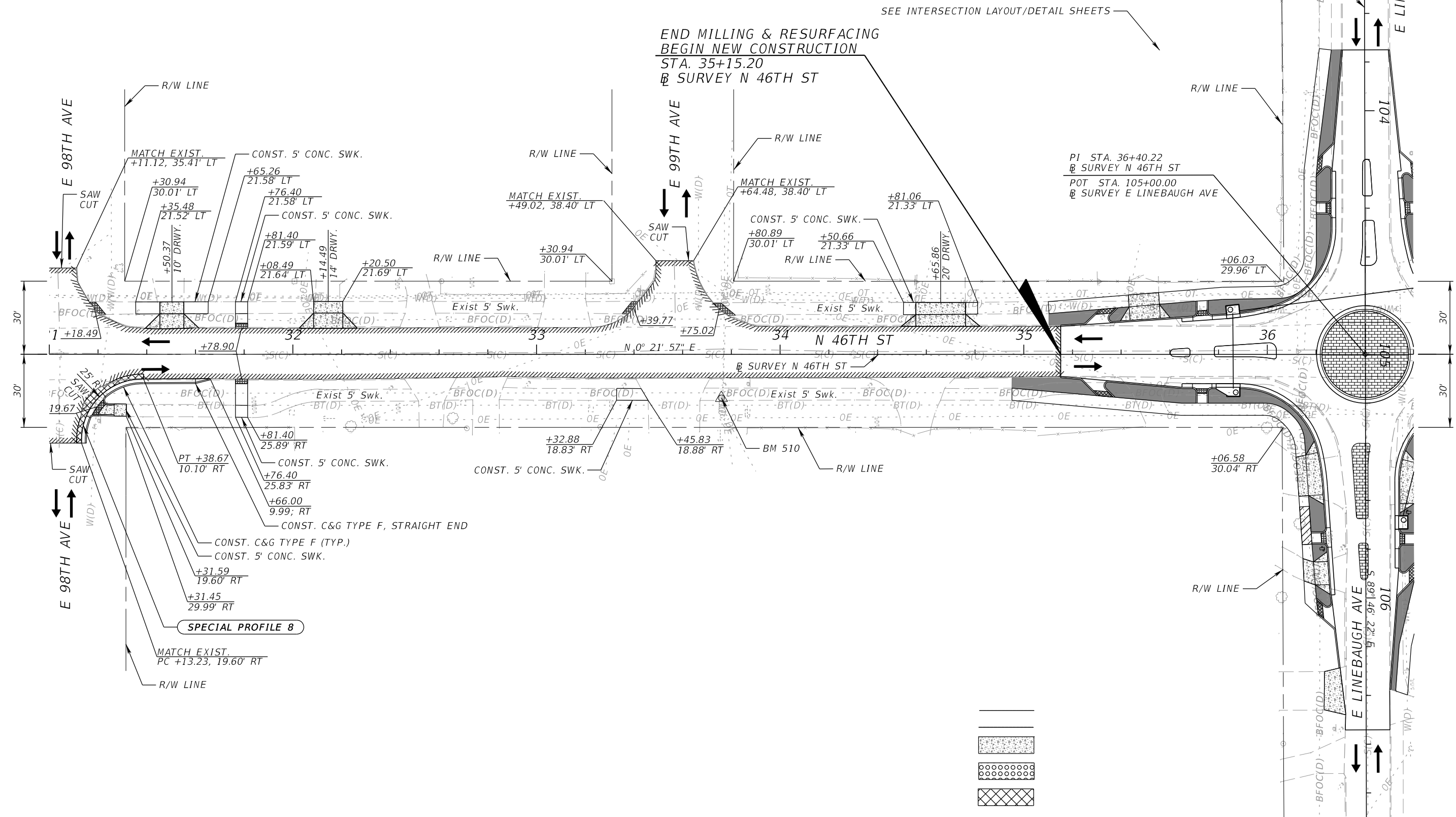
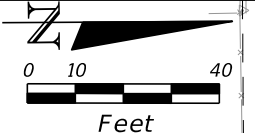
ROADWAY PLANS (4)

SHEET NO.
15

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BM 510:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

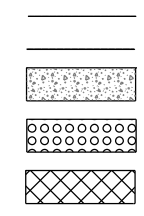


SEE INTERSECTION LAYOUT/DETAIL SHEETS

END MILLING & RESURFACING
BEGIN NEW CONSTRUCTION
STA. 35+15.20
@ SURVEY N 46TH ST

PI STA. 36+40.22
@ SURVEY N 46TH ST
POT STA. 105+00.00
@ SURVEY E LINEBAUGH AVE

SPECIAL PROFILE 8



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

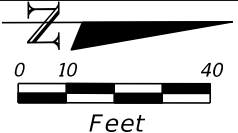
ROADWAY PLANS (5)

SHEET NO.
16

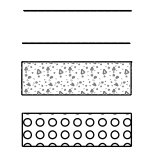
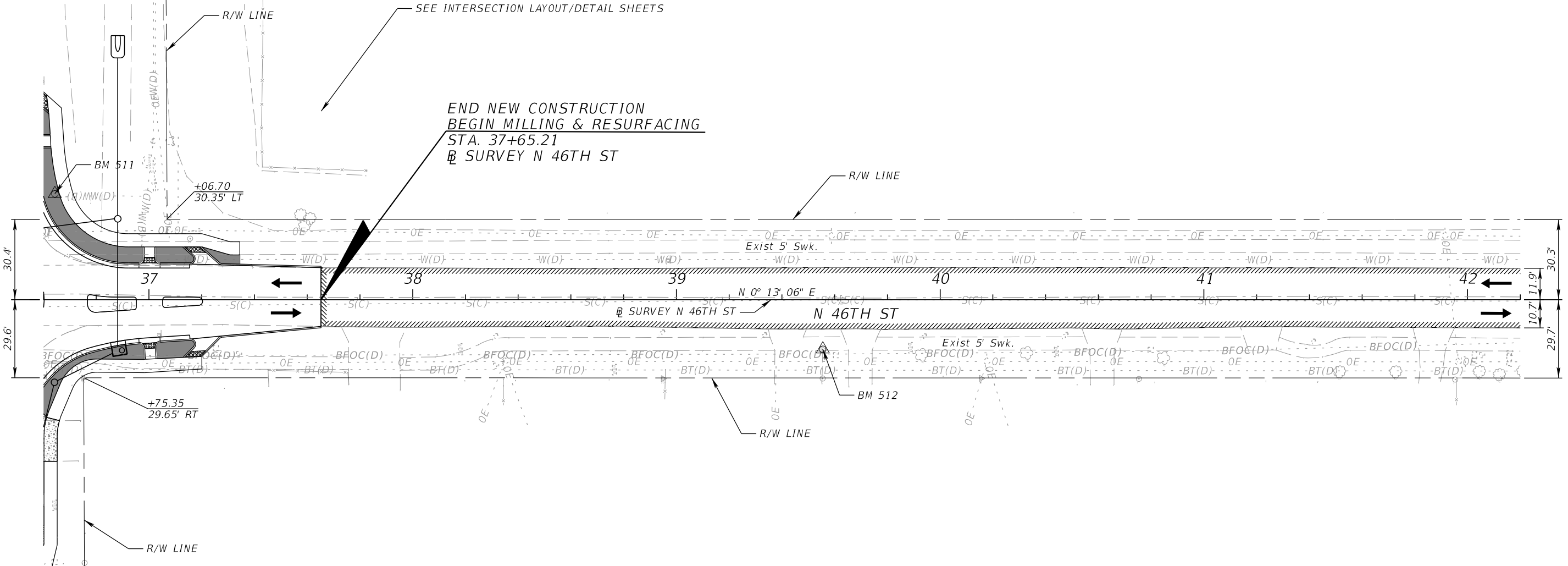
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① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮

BM 512:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

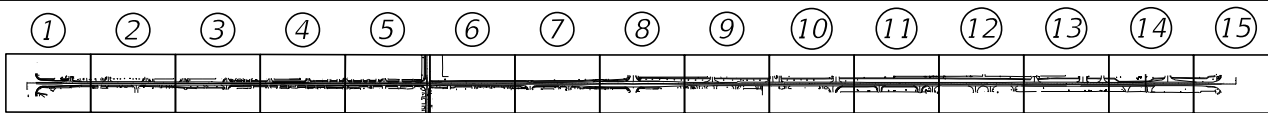


BM 511:
6" CONC MON W/ CITY OF
TAMPA SURVEY CONTROL
DISK STAMPED HV-02 0289

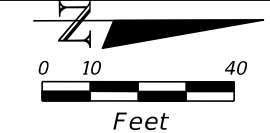


REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLANS (6)	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

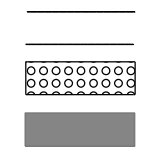
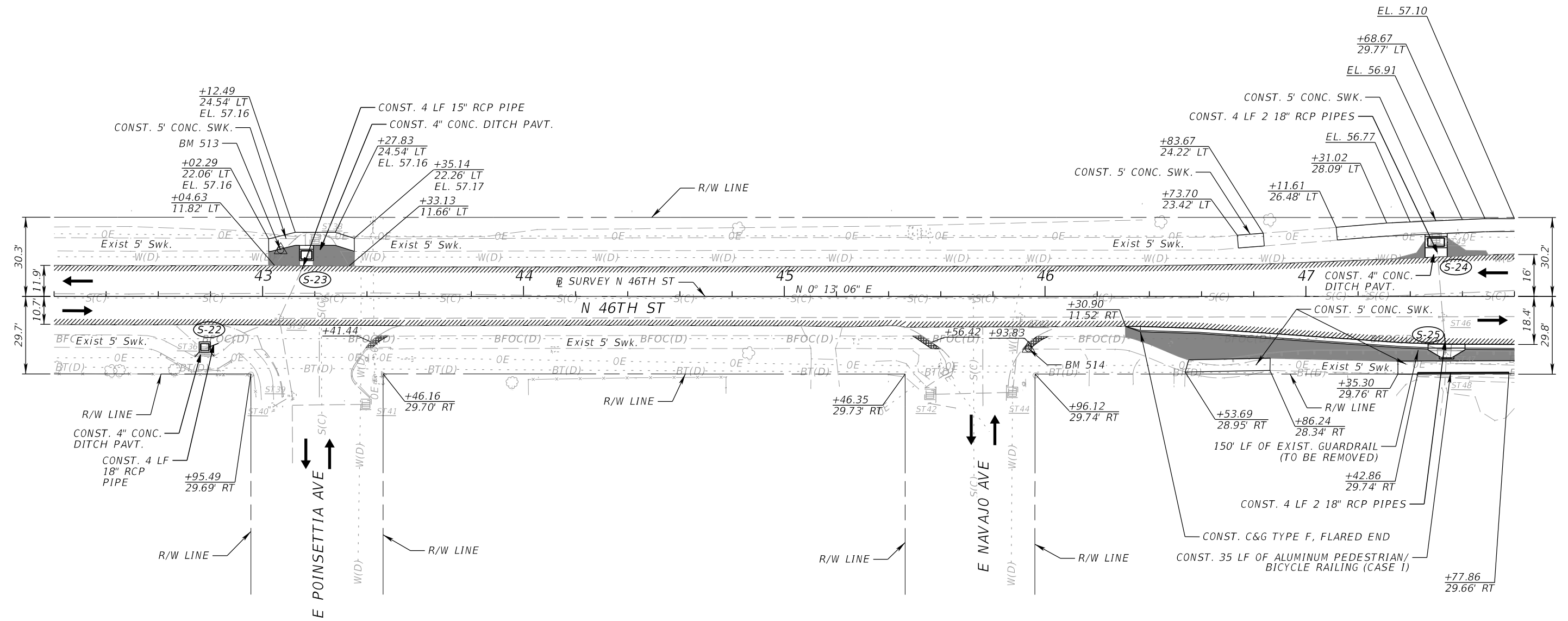
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BM 514:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



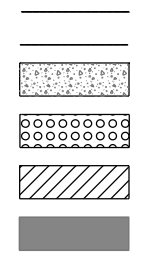
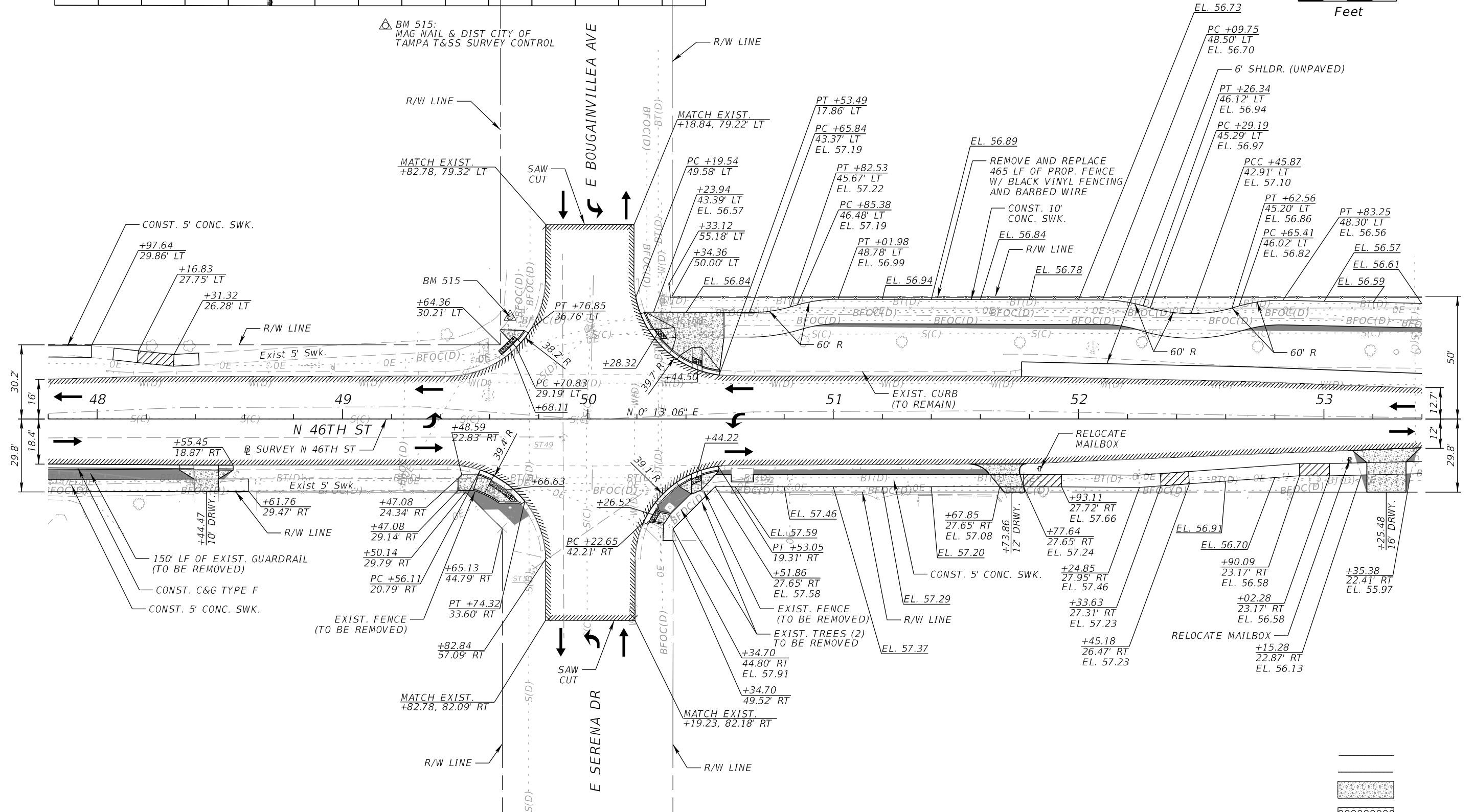
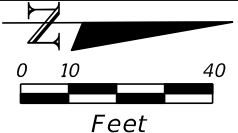
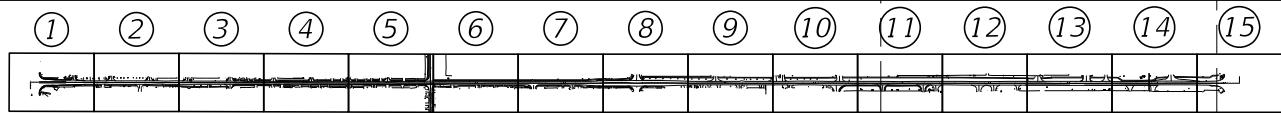
BM 513:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

ROADWAY PLANS (7)

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
 P.E. LICENSE NUMBER 39196
 AYRES ASSOCIATES
 8875 HIDDEN RIVER PKWY, SUITE 200
 TAMPA, FL 33637
 CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

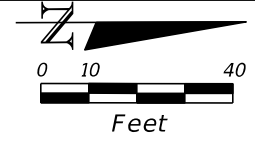
ROADWAY PLANS (8)

SHEET NO.
19

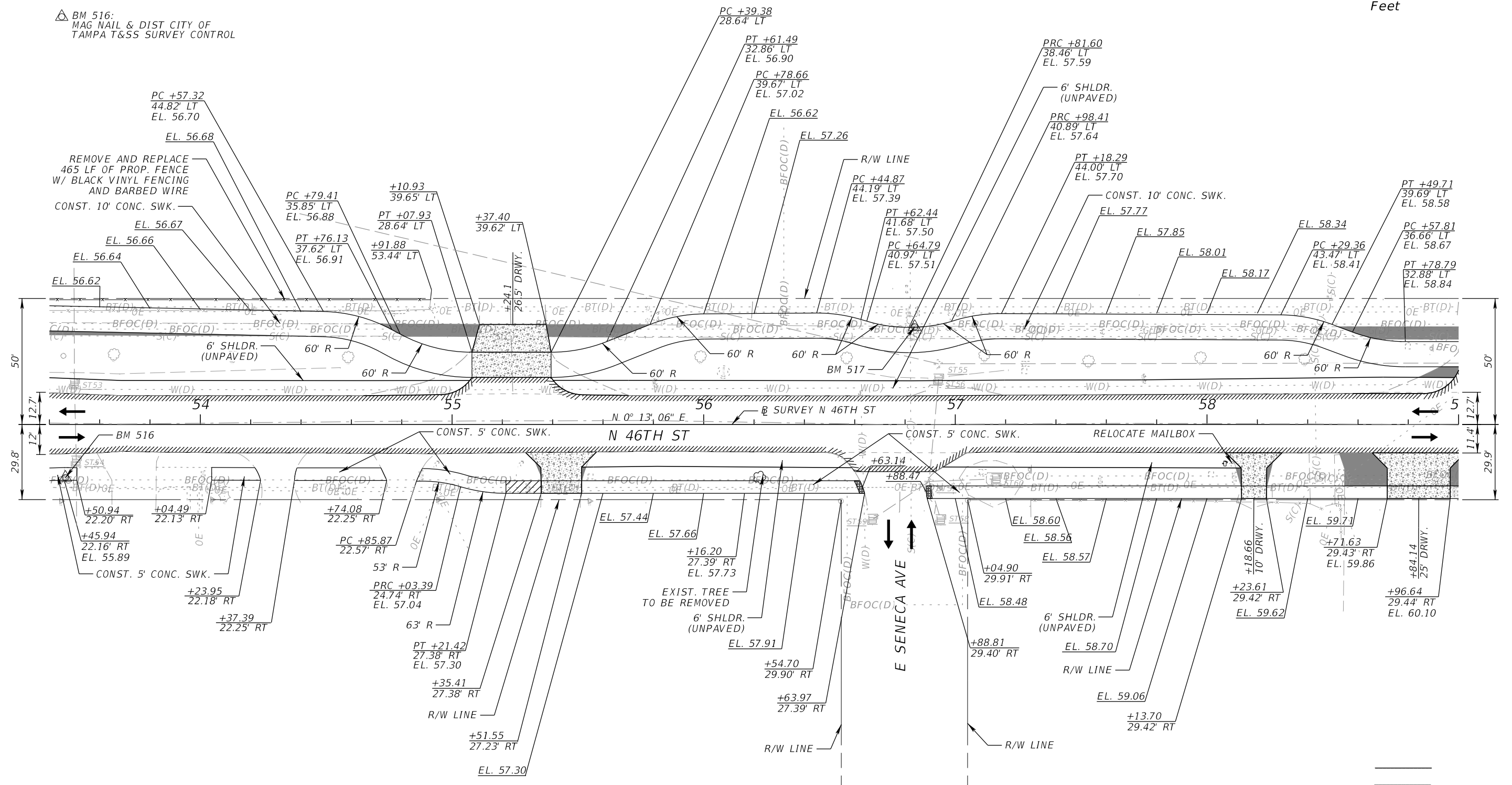
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮

BM 517:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



BM 516:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

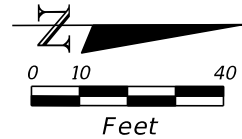
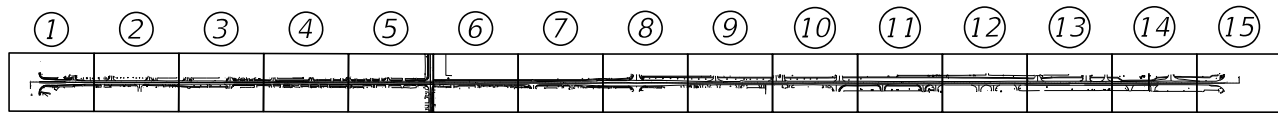
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

ROADWAY PLANS (9)

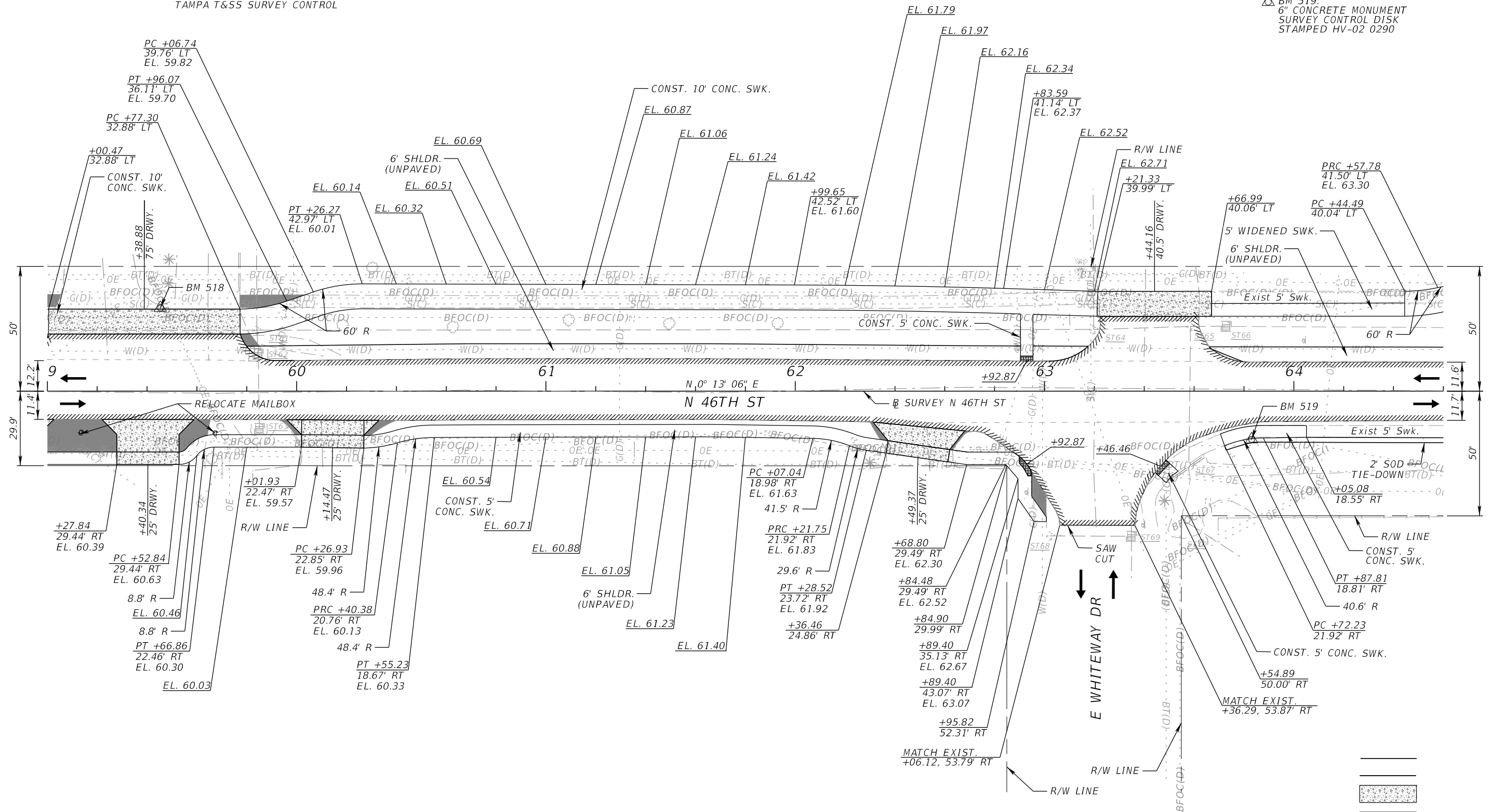
SHEET NO.
20

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BM 518:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

BM 519:
6" CONCRETE MONUMENT
SURVEY CONTROL DISK
STAMPED HV-02 0290



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

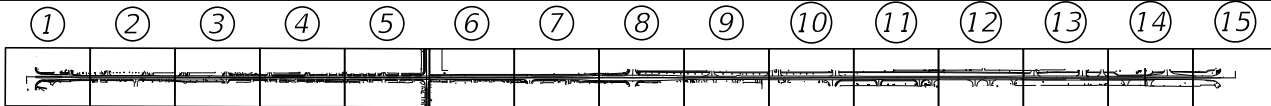
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

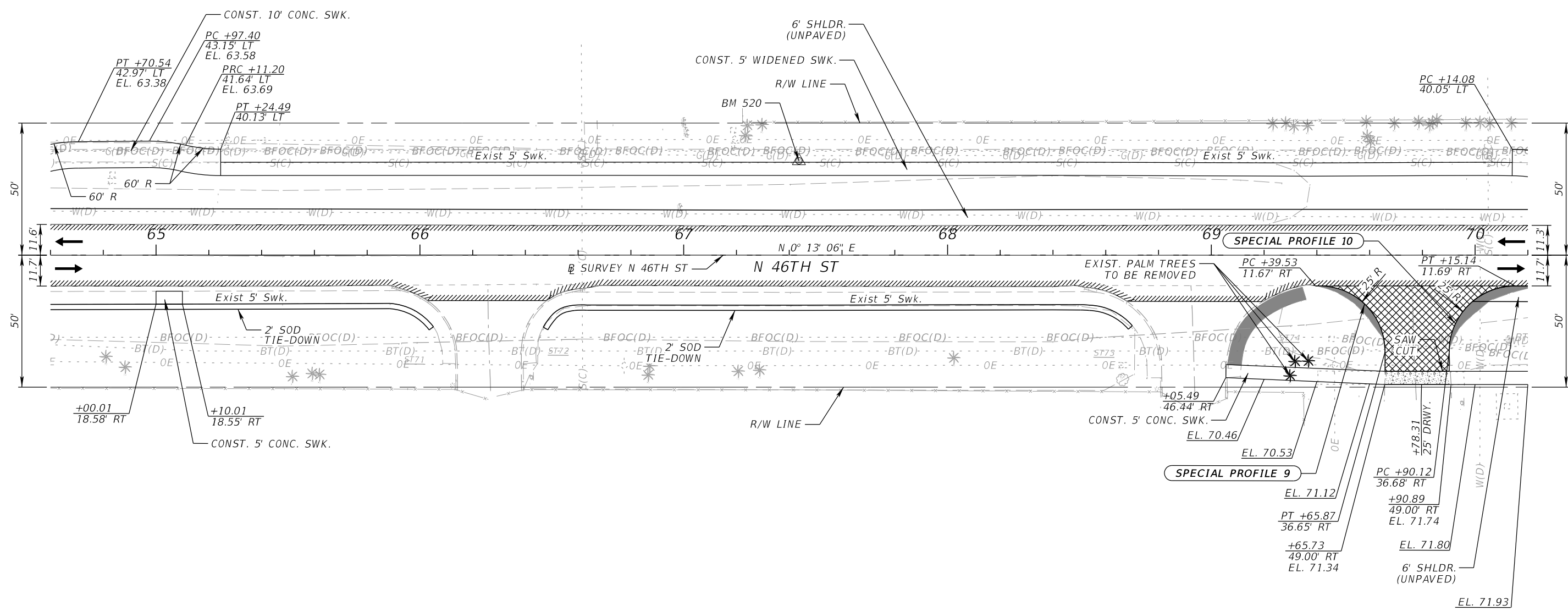
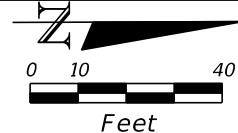
ROADWAY PLANS (10)

SHEET NO. 21

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BM 520:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

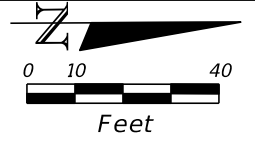
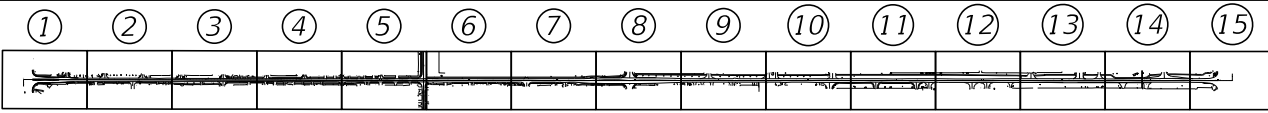
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

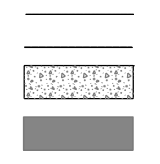
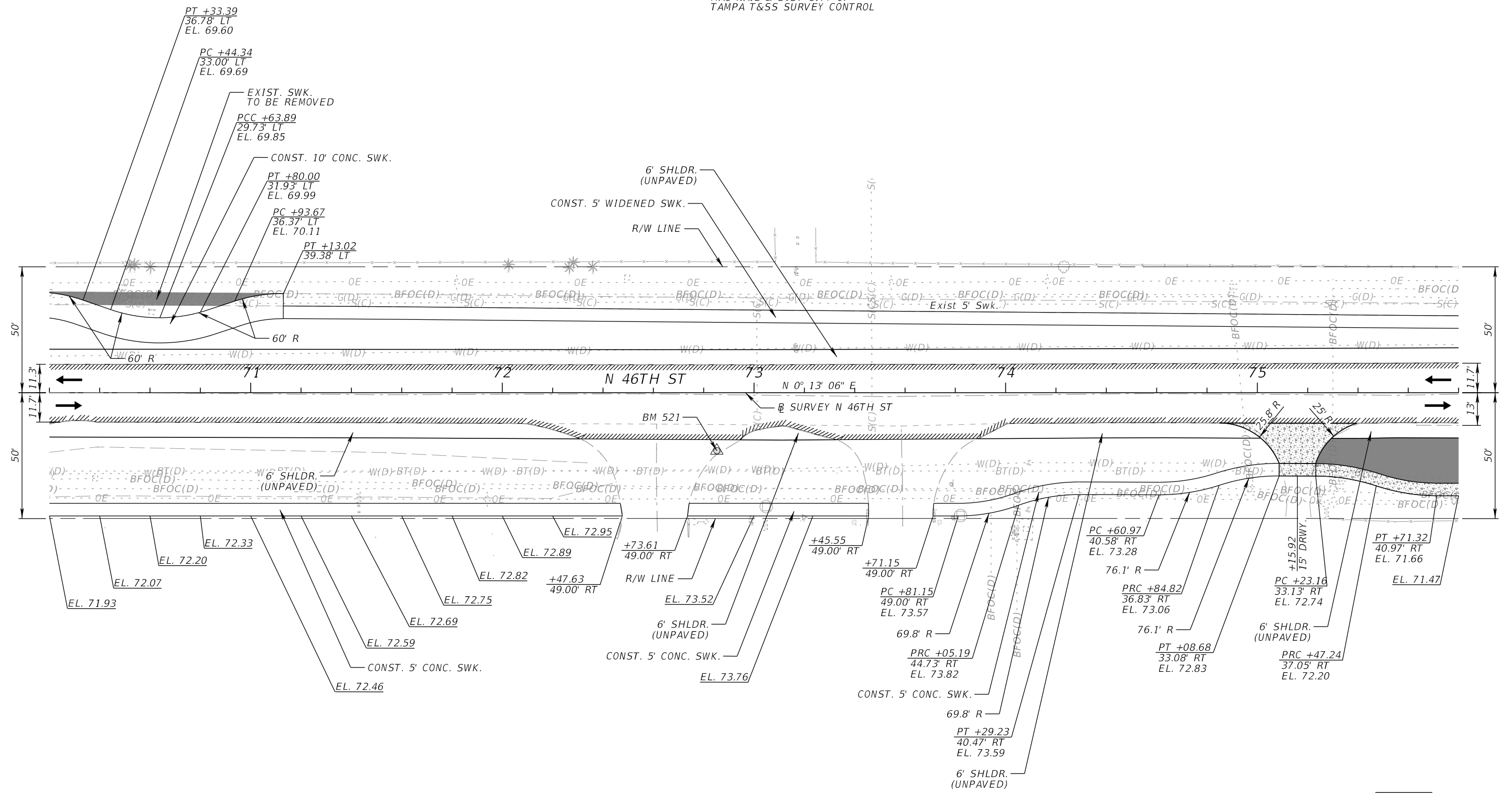
ROADWAY PLANS (11)

SHEET NO.
22

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△ BM 521:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

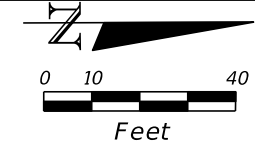
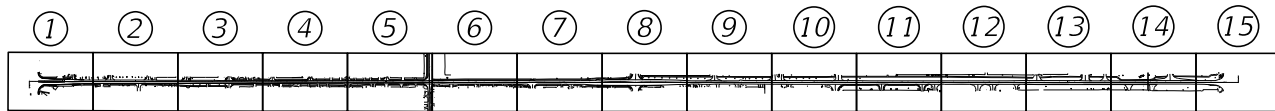
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

ROADWAY PLANS (12)

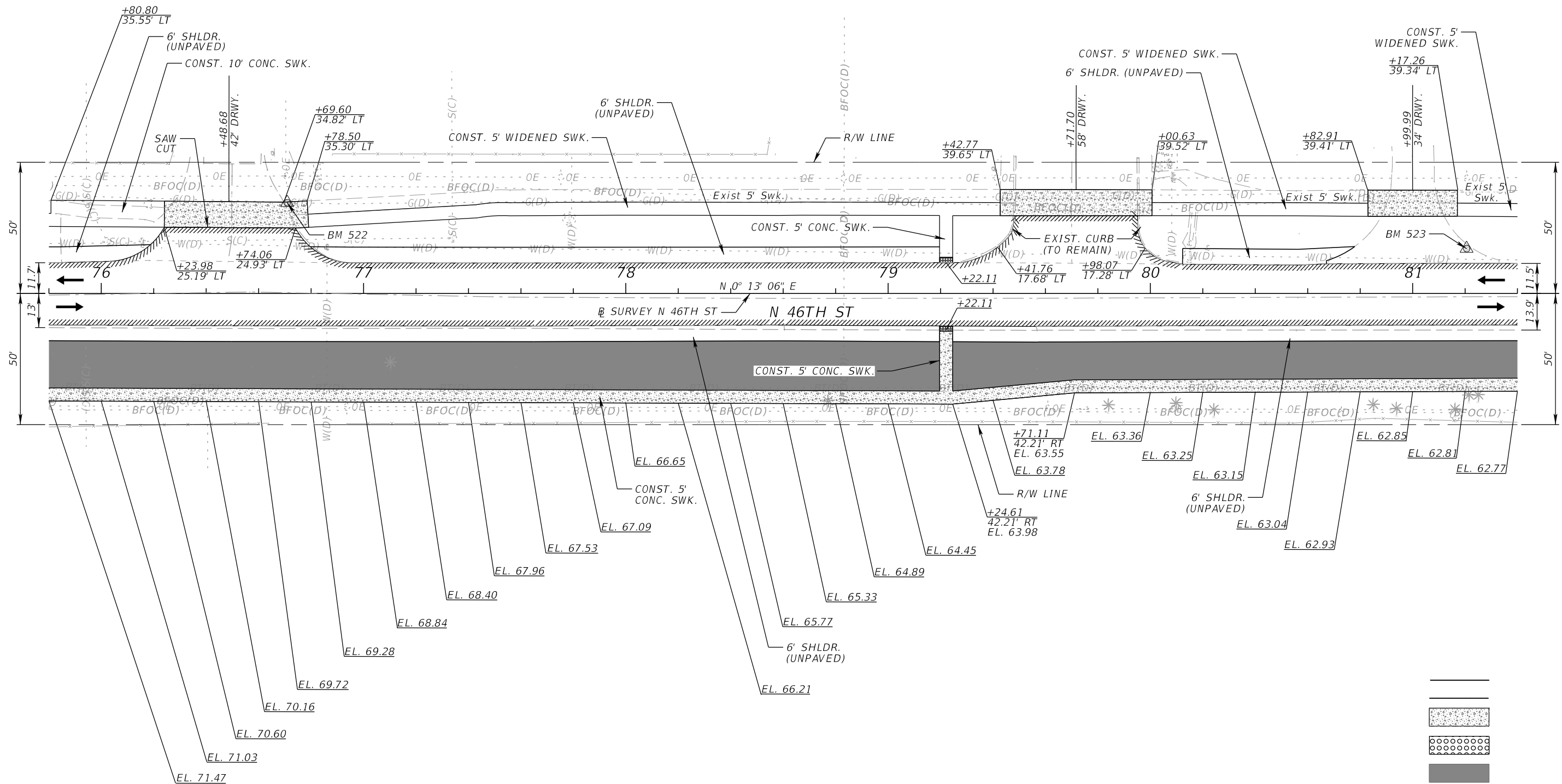
SHEET
NO.
23

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



△ BM 522:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL

△ BM 523:
MAG NAIL & DIST CITY OF
TAMPA T&SS SURVEY CONTROL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

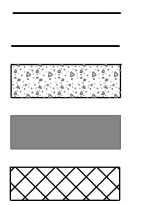
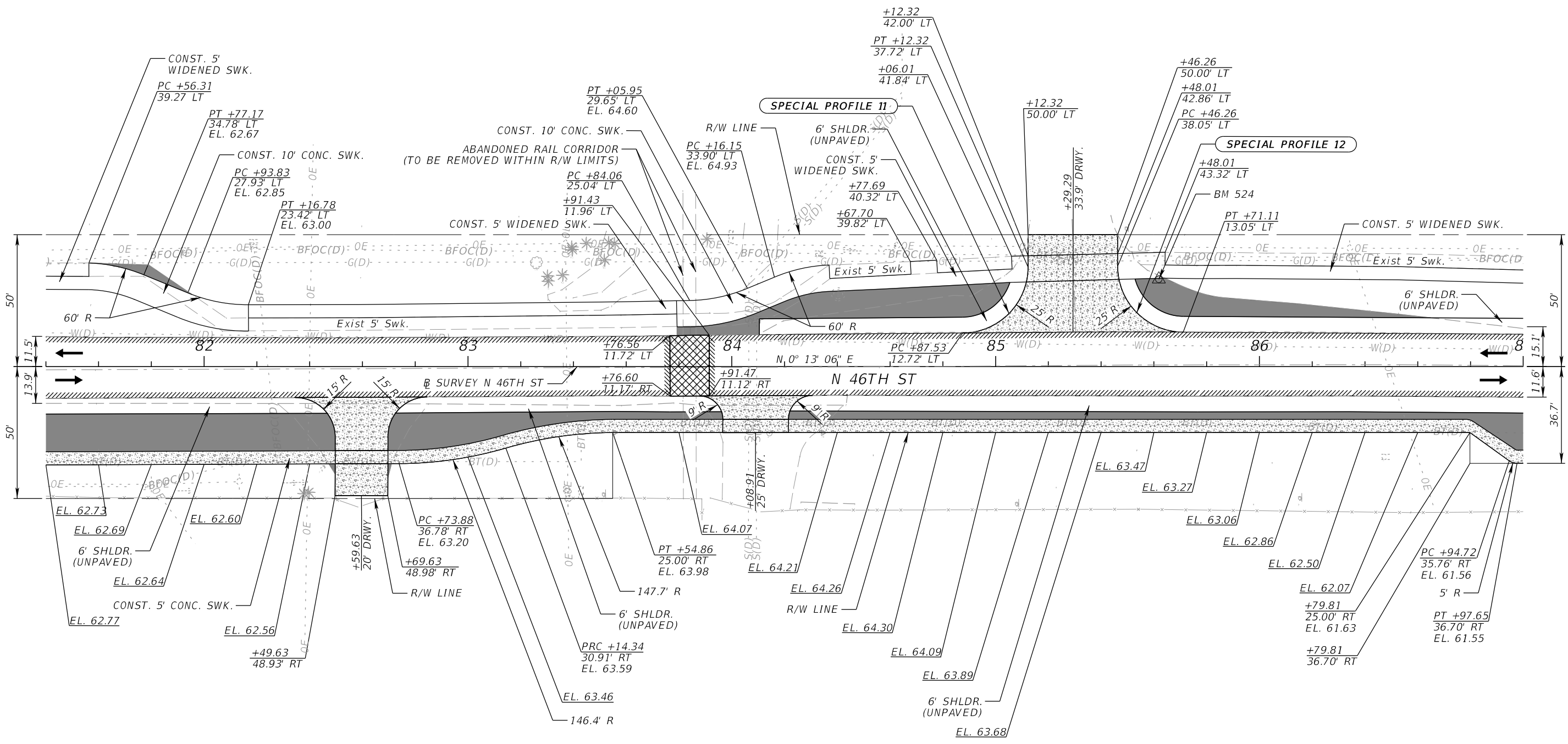
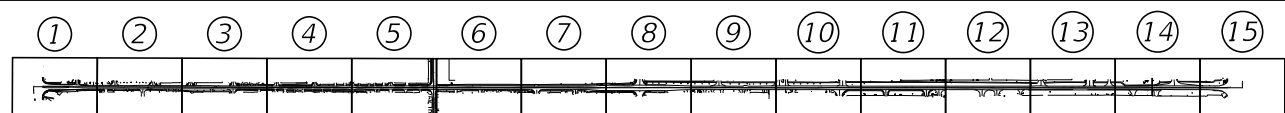
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

ROADWAY PLANS (13)

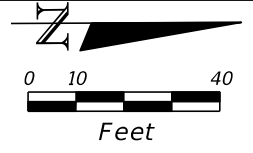
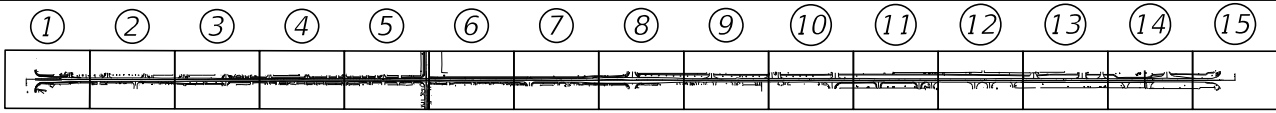
SHEET NO.
24

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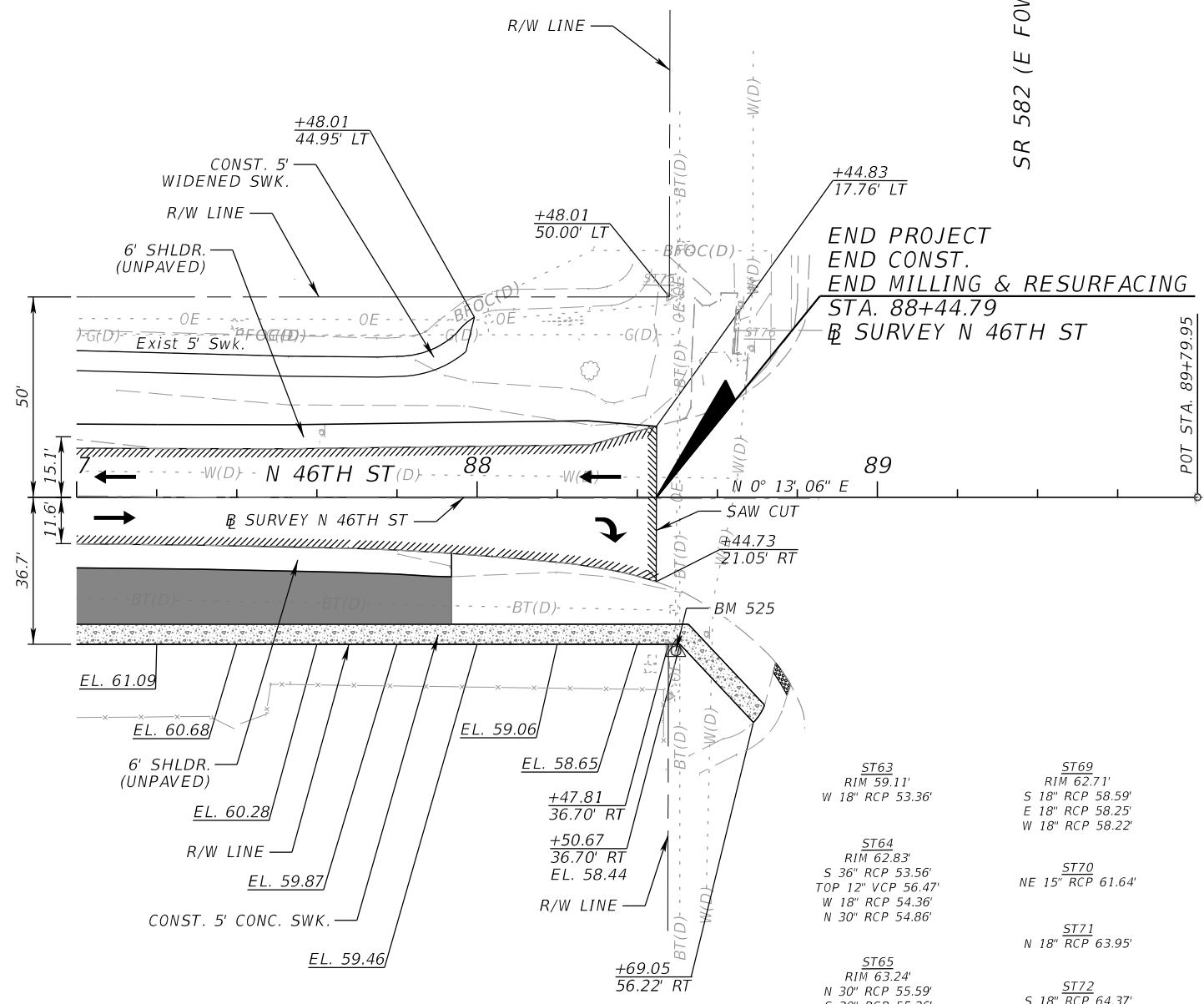
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

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



BM 525:
6" CONC MON W/ CITY OF
TAMPA SURVEY CONTROL
DISK STAMPED HV-02 0291

SR 582 (E FOWLER AVE)



END PROJECT
END CONST.
END MILLING & RESURFACING
STA. 88+44.79
@ SURVEY N 46TH ST

SR 582 (E FOWLER AVE)

- ST1
RIM 39.32'
E/W 6"x5" BOX
BOTTOM 29.13'
- ST2
W 48" RCP 32.60'
E 48" RCP 32.56'
- ST3
RIM 39.71'
W 18" RCP 32.61'
- ST4
RIM 40.08'
W 6" CIP 37.51'
NW 15" RCP 32.91'
- ST5
RIM 39.62'
NW 15" RCP 32.35'
SE 15" RCP 32.29'
E 18" RCP 30.46'
W 18" RCP 30.35'
- ST6
RIM 39.49'
SE 15" RCP 33.12'
- ST7
RIM 40.06'
W 18" RCP 30.32'
S 53"x83" RCP 30.37'
N 53"x83" RCP 30.11'
- ST8
RIM 37.98'
NW 18" RCP 30.88'
S 53"x83" RCP 30.58'
N 53"x83" RCP 30.58'
- ST9
RIM 38.16'
W 12" RCP 33.69'
- ST10
RIM 37.81'
N 15" RCP 31.50'
- ST11
RIM 37.87'
S 15" RCP 31.21'
N 15" RCP 31.01'
W 18" RCP 31.01'
SE 18" RCP 30.98'
- ST12
RIM 38.12'
S 15" RCP 31.43'
- ST13
RIM 38.45'
W 15" RCP 32.89'
- ST14
RIM 38.59'
S 53"x83" RCP 31.20'
N 53"x83" RCP 30.99'
- ST15
RIM 38.64'
N 18" RCP 34.16'
E 24" RCP 34.27'
- ST16
RIM 38.10'
E 15" RCP 34.49'
W 24" RCP 33.59'
S 53"x83" RCP 31.16'
N 53"x83" RCP 31.01'
- ST17
RIM 38.08'
W 15" RCP 35.00'
- ST18
RIM 38.41'
S 53"x83" RCP 31.28'
N 53"x83" RCP 31.12'
- ST19
RIM 38.70'
N 15" RCP 35.36'
S 18" RCP 35.26'
- ST20
GRATE 38.50'
W 15" RCP 34.05'
E 15" RCP 33.85'
- ST21
15" RCP 35.59'
- ST22
15" RCP 36.35'
- ST23
RIM 39.33'
NW 12"x18" RCP 32.81'
N 48" RCP 31.70'
S 53"x83" RCP 31.60'
- ST24
RIM 39.46'
N 12"x18" RCP 35.66'
SE 12"x18" RCP 32.94'
- ST25
RIM 39.60'
N 12"x18" RCP 35.95'
S 12"x18" RCP 35.85'
- ST26
12"x18" RCP 36.16'
- ST27
GRATE 38.75'
W 15" RCP 37.00'
- ST28
12" RCP 38.47'
- ST29
12" RCP 38.62'
- ST30
GRATE 40.35'
W 12" RCP 38.35'
- ST31
GRATE 39.83'
NW 12"x18" RCP 35.29'
- ST32
RIM 41.05'
N 19"x30" RCP 35.85'
W 12"x18" RCP 34.84'
E 36" RCP 33.02'
S 48" RCP 32.97'
- ST33
RIM 41.61'
N 12"x18" RCP 35.33'
NE 12"x18" RCP 35.56'
- ST34
RIM 41.77'
S 12"x18" RCP 35.98'
- ST35
RIM 41.96'
S 19"x30" RCP 36.06'
- ST36
RIM 57.33'
NW 18" RCP 52.83'
- ST37
RIM 57.58'
N 24" RCP 51.26'
NW 15" RCP 54.66'
SE 18" RCP 52.36'
E 18" RCP 52.85'
- ST38
RIM 56.76'
SE 15" RCP 54.90'
- ST39
RIM 58.91'
W 18" RCP 53.34'
SE 15" RCP 54.13'
E 18" RCP 53.33'
- ST40
RIM 59.29'
NW 15" RCP 54.01'
- ST41
RIM 58.57'
S 15" RCP 56.23'
- ST42
RIM 56.27'
N 15" RCP 51.32'
- ST43
RIM 56.83'
N 24" RCP 50.13'
S 24" RCP 50.23'
E 18" RCP 51.21'
- ST44
RIM 57.25'
W 18" RCP 51.35'
S 15" RCP 51.42'
- ST45
RIM 55.86'
E 18" RCP 52.55'
- ST46
RIM 56.43'
N 24" RCP 49.36'
S 24" RCP 49.57'
E 18" RCP 49.91'
W 18" RCP 52.28'
- ST47
RIM 56.66'
E 18" RCP 49.74'
- ST48
W 18" RCP 49.67'
- ST49
RIM 57.31'
S 24" RCP 48.26'
E 36" RCP 46.85'
W 48" RCP 44.71'
- ST50
RIM 57.86'
NW 15" RCP 48.96'
- ST51
RIM 57.21'
N 15" RCP 51.39'
SE 15" RCP 51.28'
- ST52
RIM 57.36'
S 15" RCP 52.16'
- ST53
RIM 55.48'
W 24" RCP 47.34'
E 18" RCP 47.47'
- ST54
RIM 55.60'
W 18" RCP 48.31'
E 18" RCP 49.49'
- ST55
RIM 57.48'
N 48" RCP 48.16'
S 48" RCP 48.11'
E 24" RCP 49.23'
- ST56
RIM 56.95'
E 18" RCP 49.81'
W 24" RCP 49.63'
- ST57
RIM 57.82'
W 18" RCP 50.78'
NE 18" RCP 51.001'
SE 18" RCP 52.35'
N 18" RCP 52.65'
- ST58
RIM 58.00'
SW 18" RCP 54.61'
- ST59
RIM 58.11'
NW 18" RCP 53.66'
- ST60
RIM 57.29'
S 18" RCP 53.65'
- ST61
RIM 59.17'
S 48" RCP 49.90'
N 36" RCP 50.17'
E 18" RCP 52.00'
W 18" RCP 50.22'
- ST62
RIM 58.62'
E 18" RCP 51.99'
W 18" RCP 52.03'
- ST63
RIM 59.11'
W 18" RCP 53.36'
- ST64
RIM 62.83'
S 36" RCP 53.56'
TOP 12" VCP 56.47'
W 18" RCP 54.36'
N 30" RCP 54.86'
- ST65
RIM 63.24'
N 30" RCP 55.59'
S 30" RCP 55.26'
E 46" X 32" RCP 58.22'
- ST66
RIM 62.18'
S 30" RCP 55.64'
- ST67
W 46" X 32" RCP 59.19'
- ST68
RIM 63.35'
N 18" RCP 59.12'
- ST69
RIM 62.71'
S 18" RCP 58.59'
E 18" RCP 58.25'
W 18" RCP 58.22'
- ST70
NE 15" RCP 61.64'
- ST71
N 18" RCP 63.95'
- ST72
S 18" RCP 64.37'
- ST73
N 15" RCP 66.95'
- ST74
S 15" RCP 67.94'
- ST75
SW 36" RCP 54.77'
- ST76
N 24" RCP 54.28'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

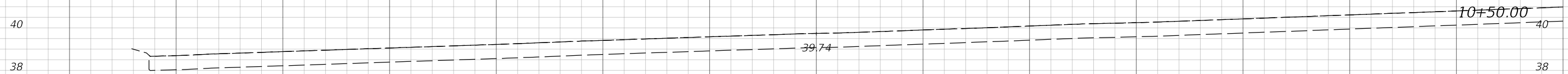
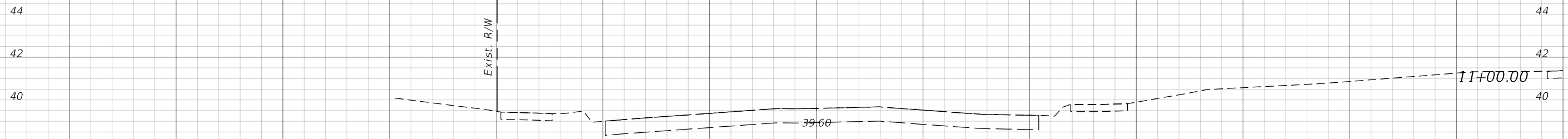
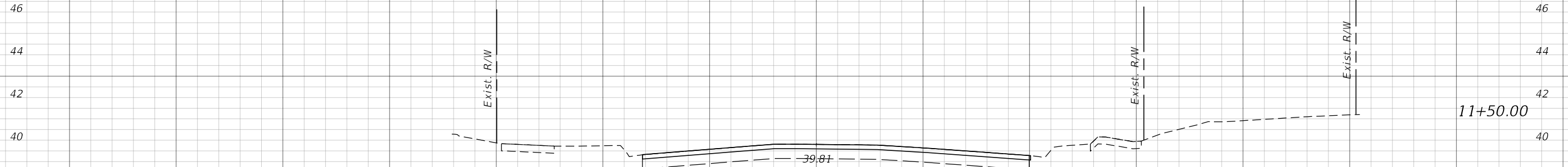
ROADWAY PLANS (15)

SHEET NO.
26

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NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

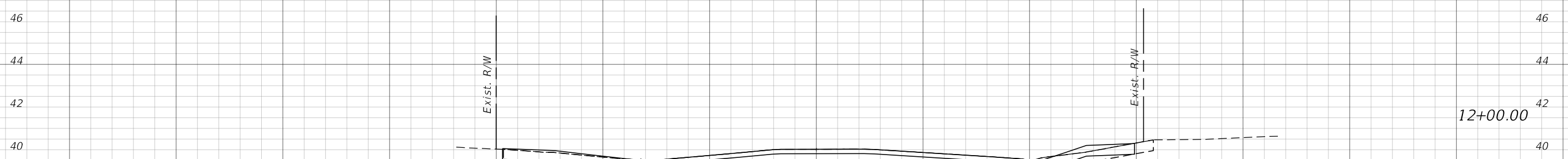
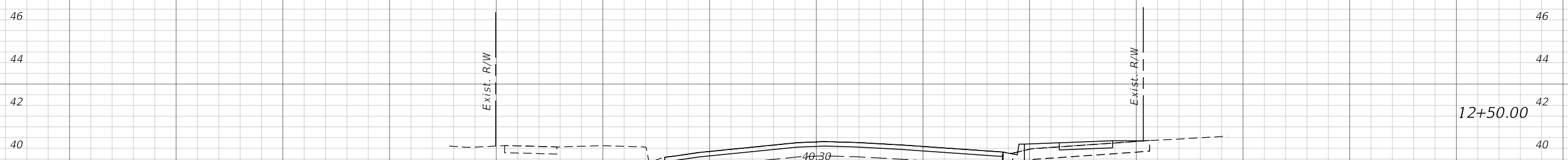
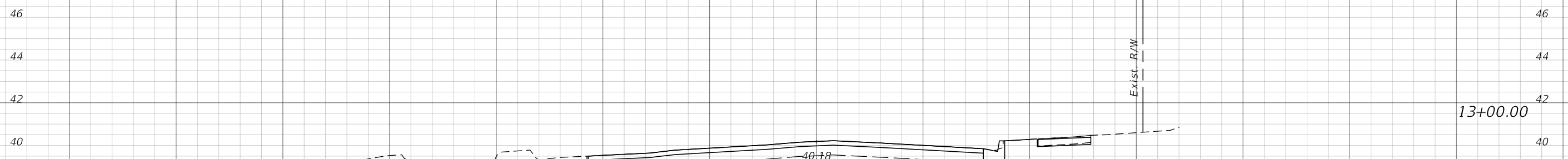
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
27

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



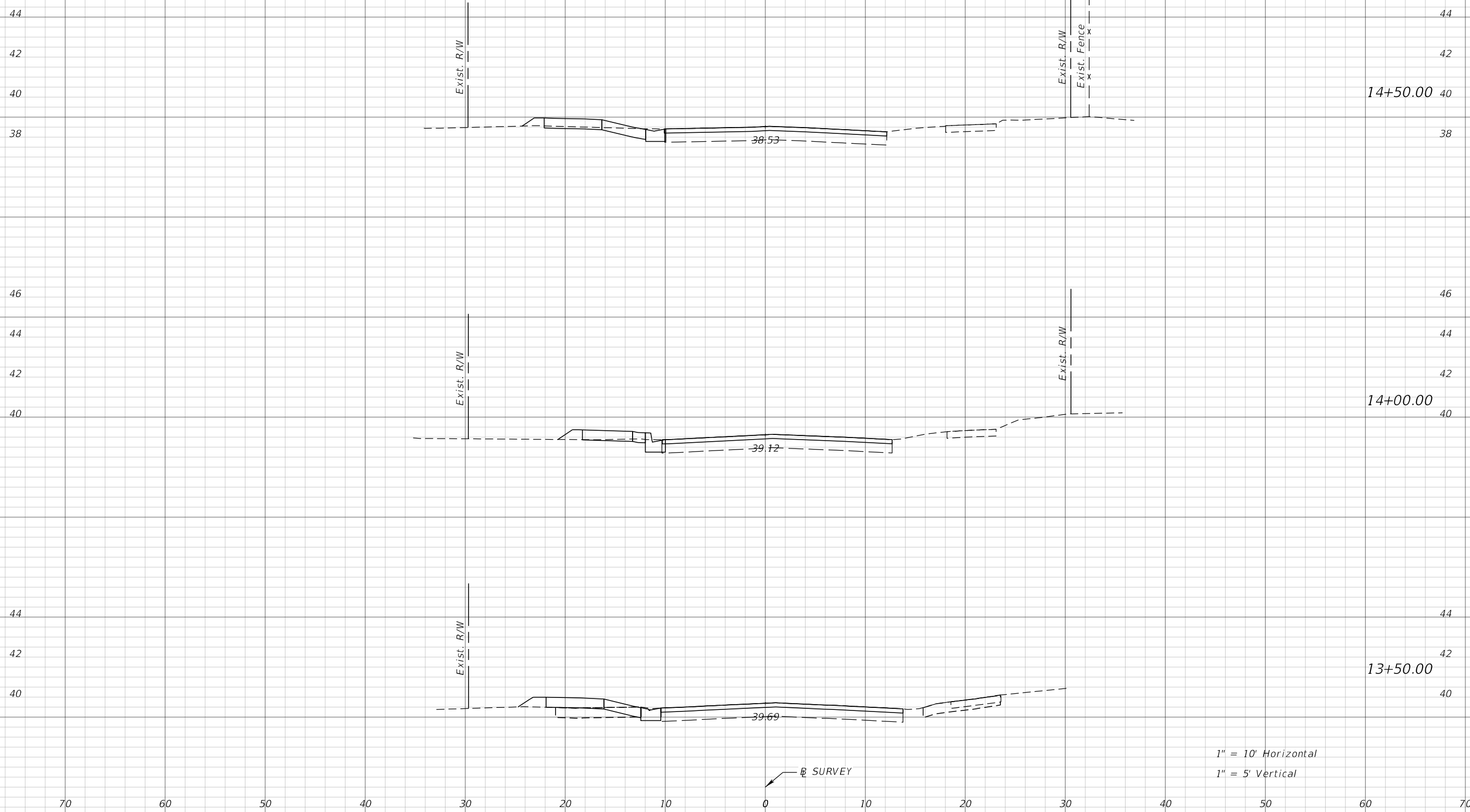
⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

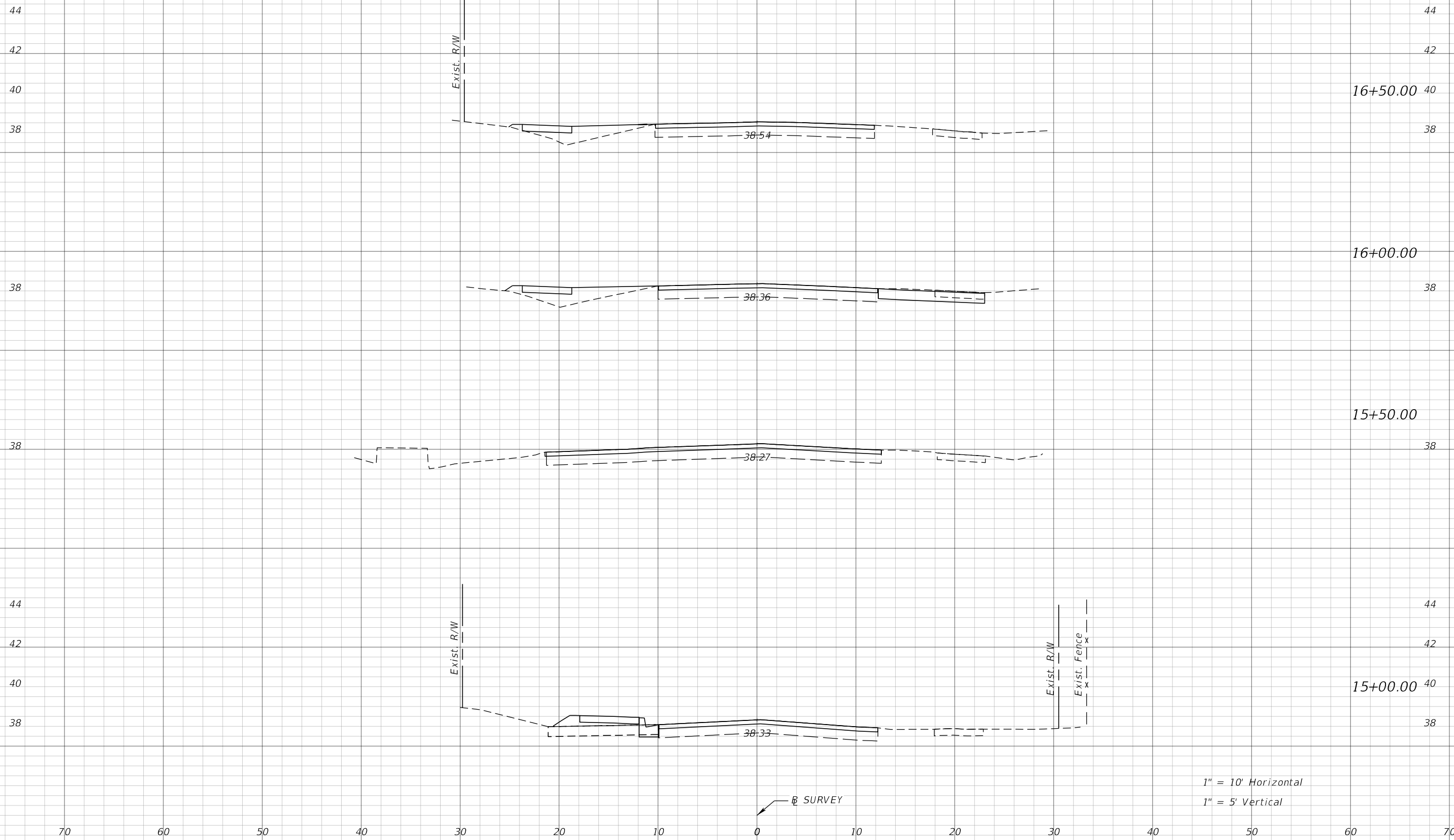
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
29

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

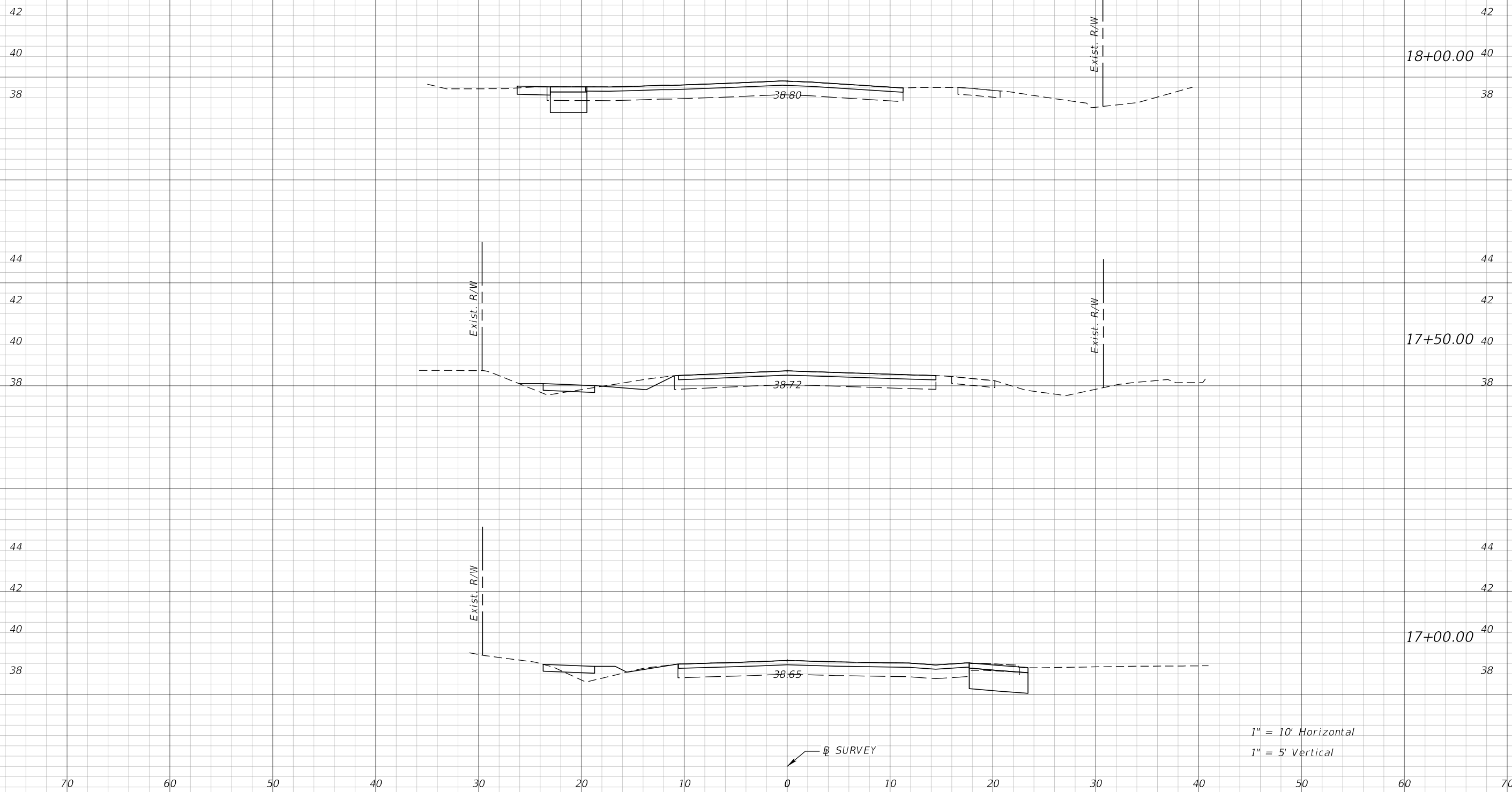
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
30

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

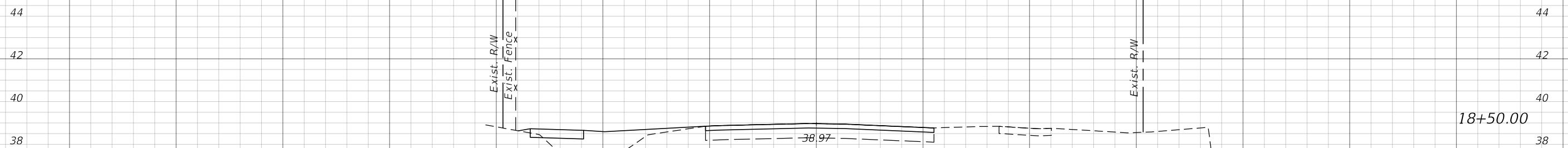
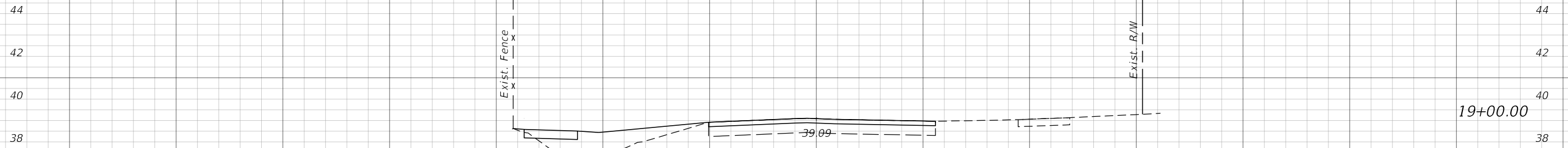
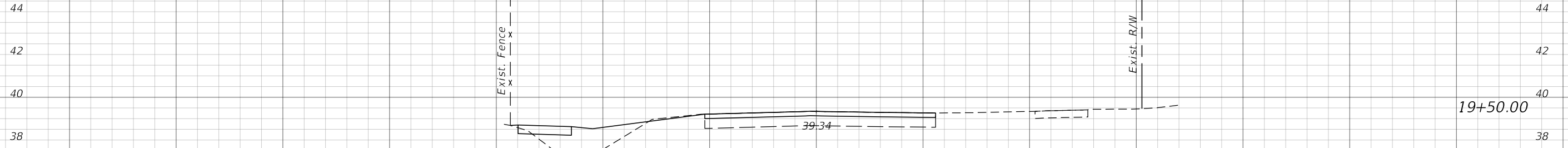
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
31

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



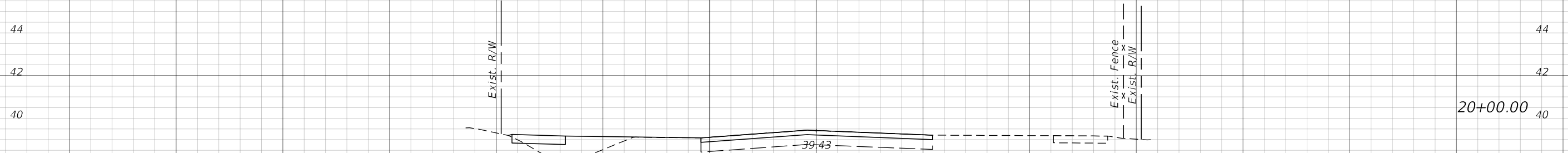
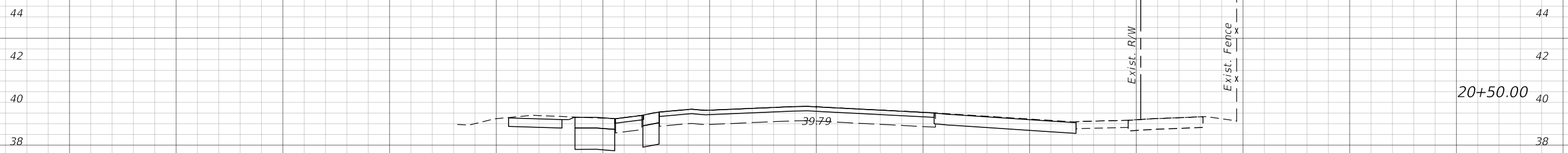
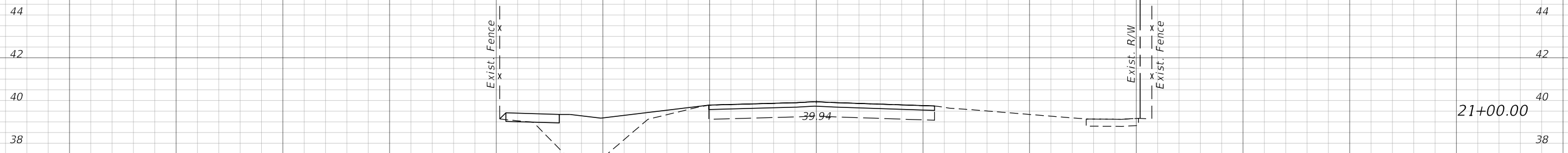
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



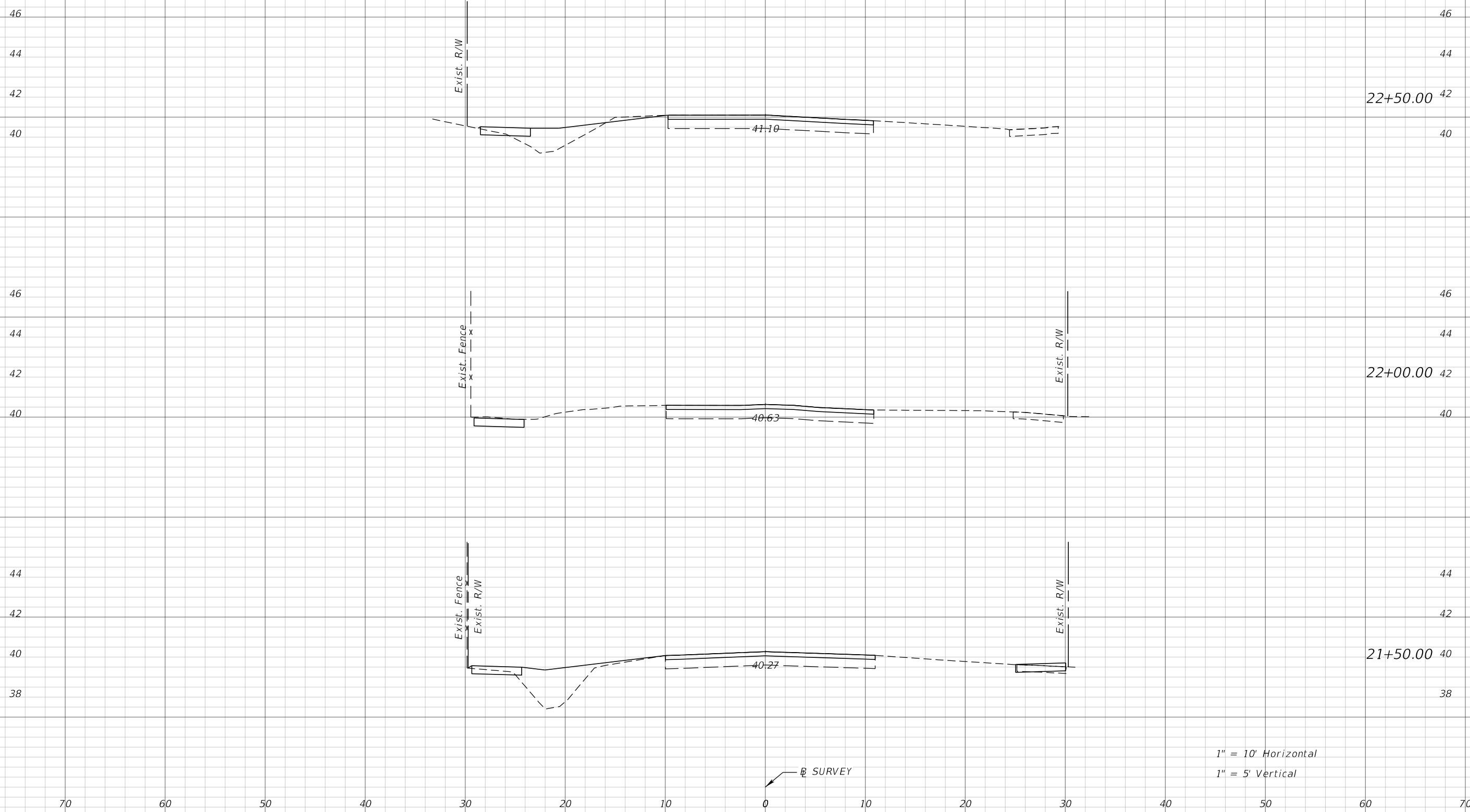
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

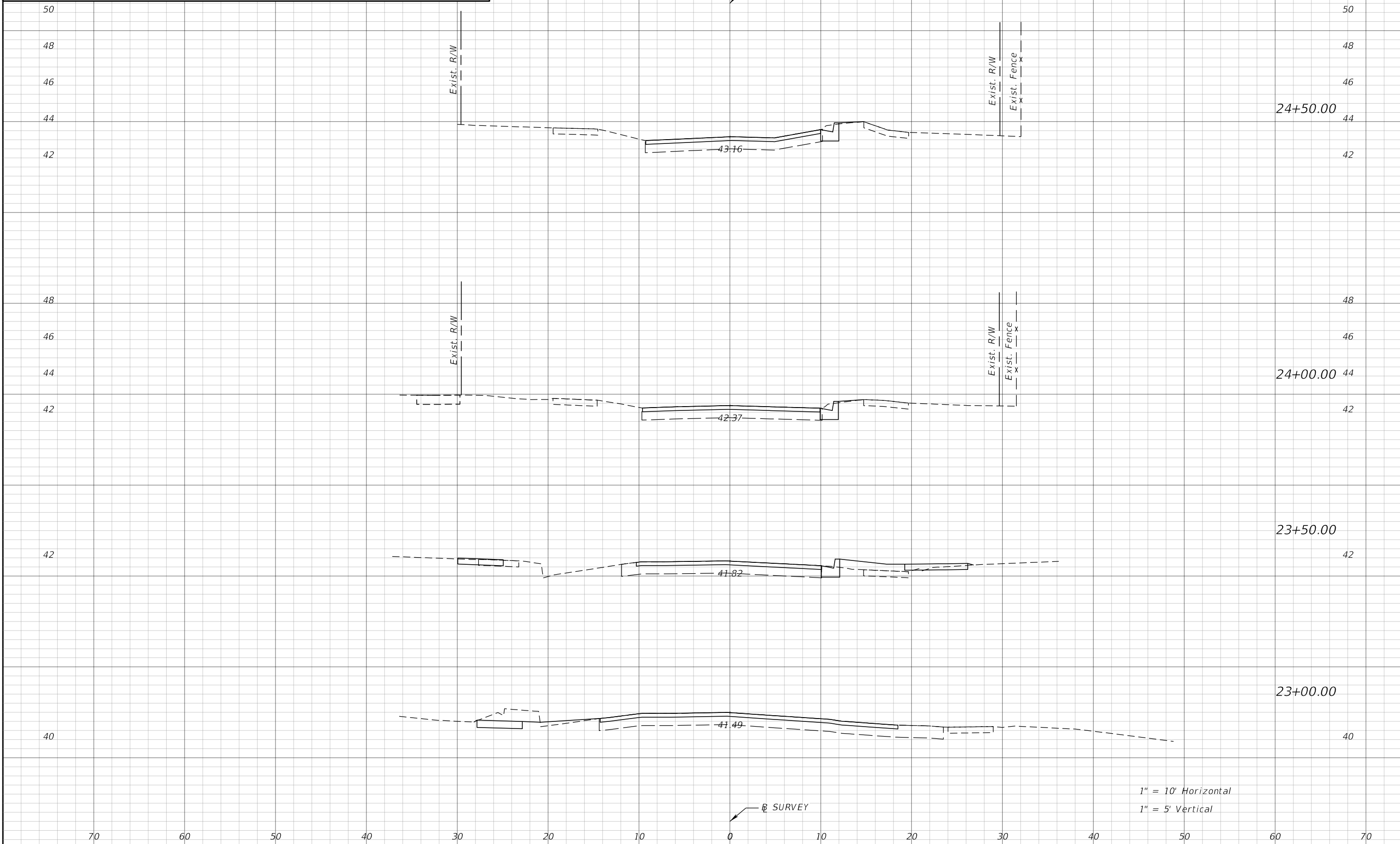
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**TEMPORARY CROSS
SECTIONS**

SHEET NO.
34

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

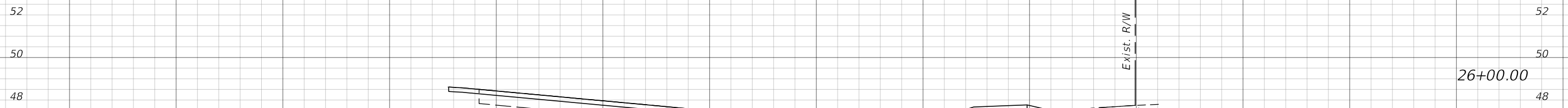
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

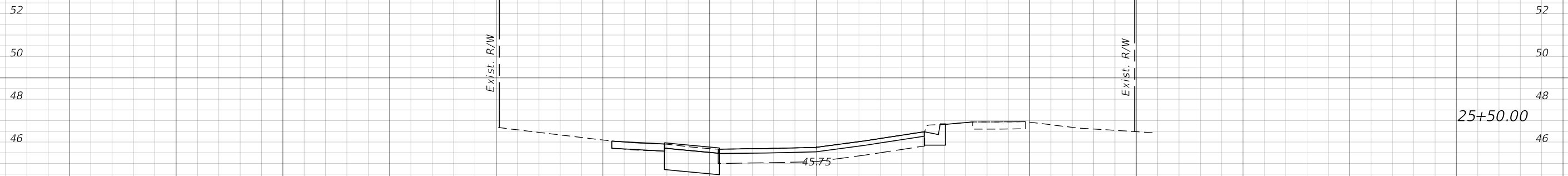
SHEET NO.
35

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

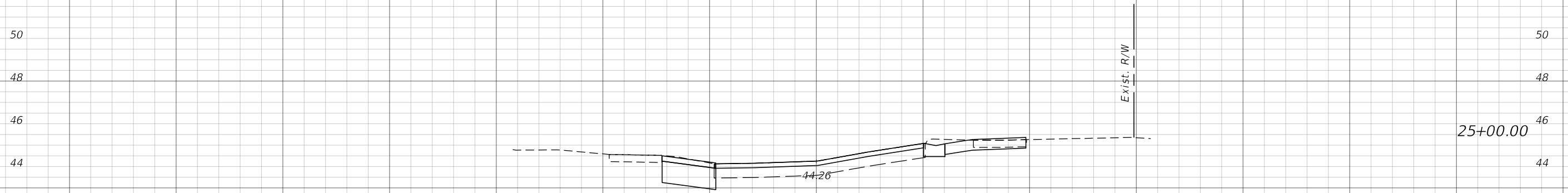
⊕ SURVEY



26+00.00



25+50.00



25+00.00

1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

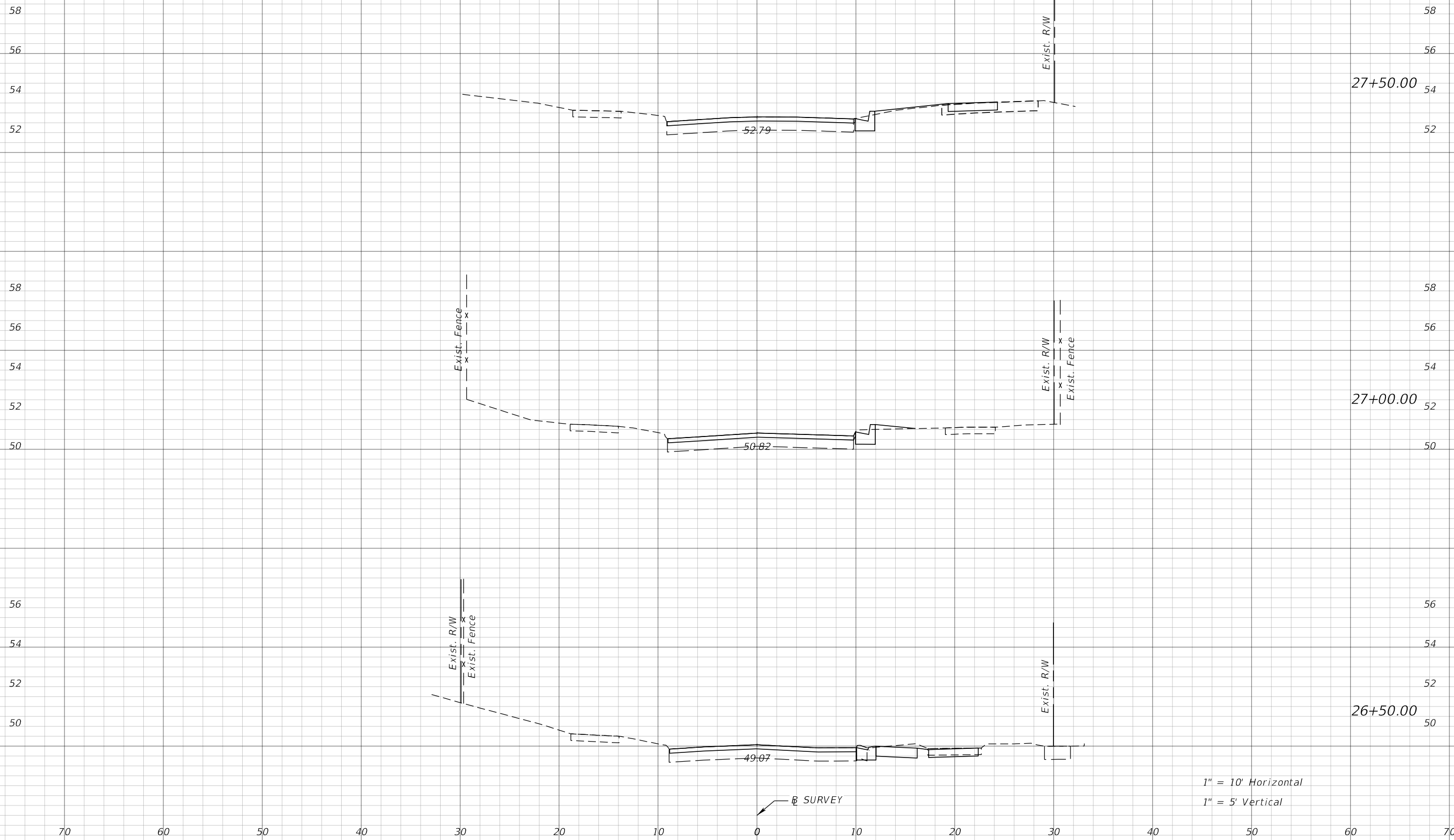
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 36

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

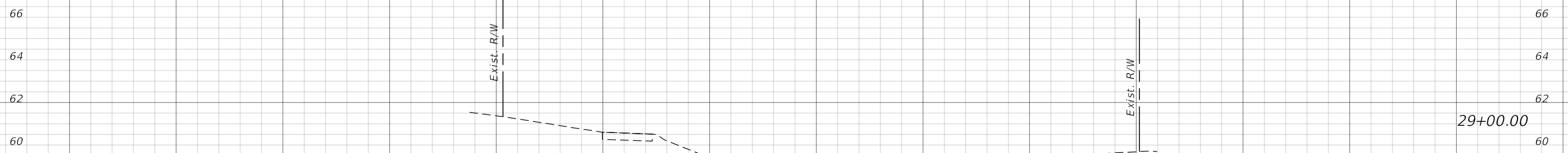
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**TEMPORARY CROSS
SECTIONS**

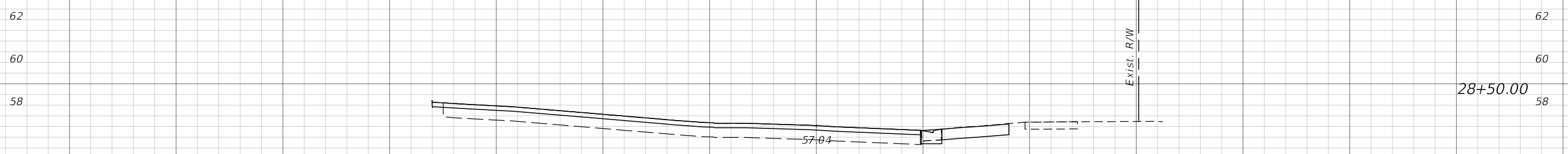
SHEET
NO.
37

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

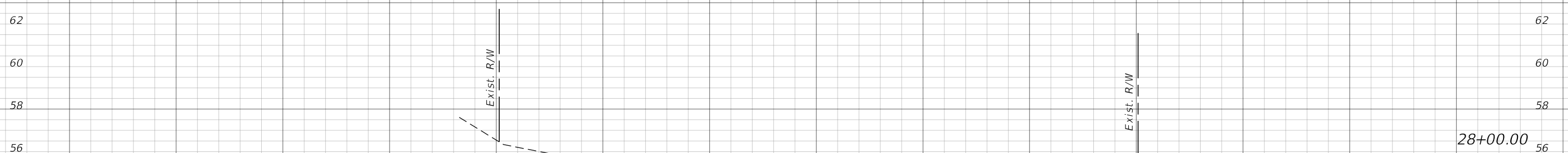
⊕ SURVEY



29+00.00



28+50.00



28+00.00

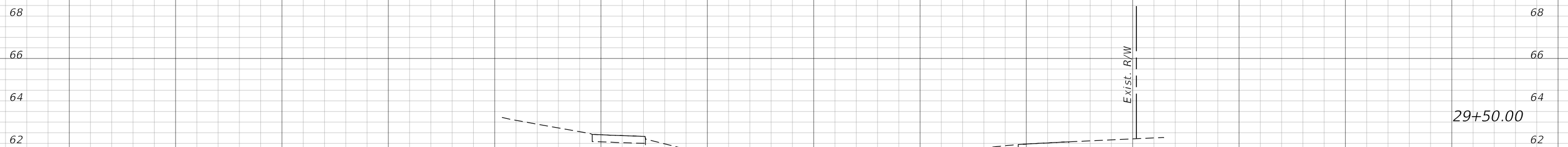
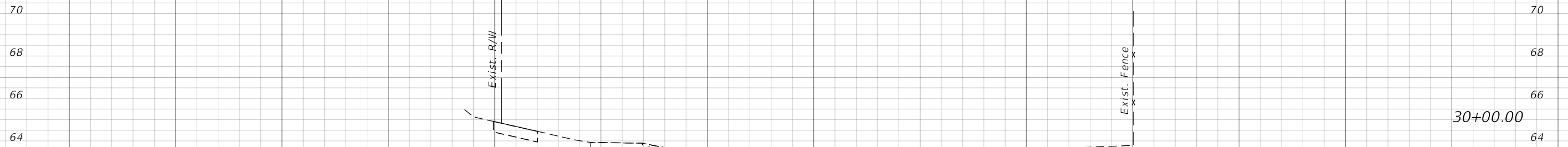
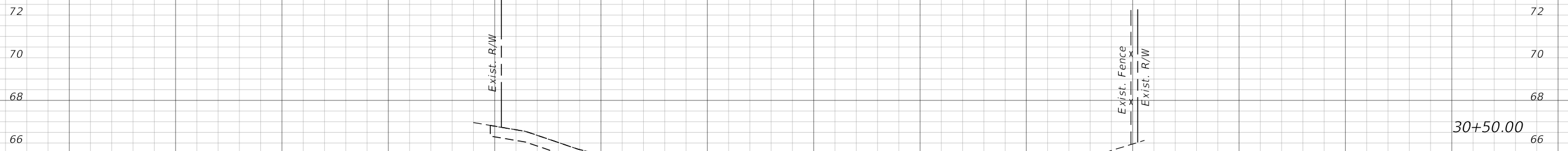
⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

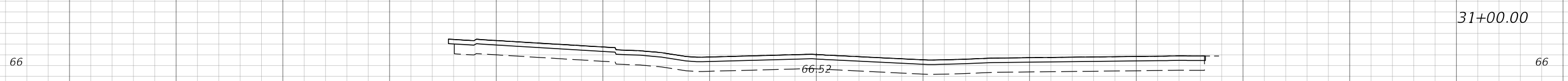
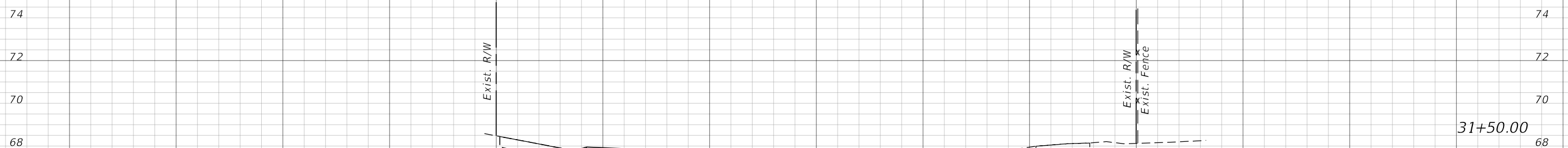
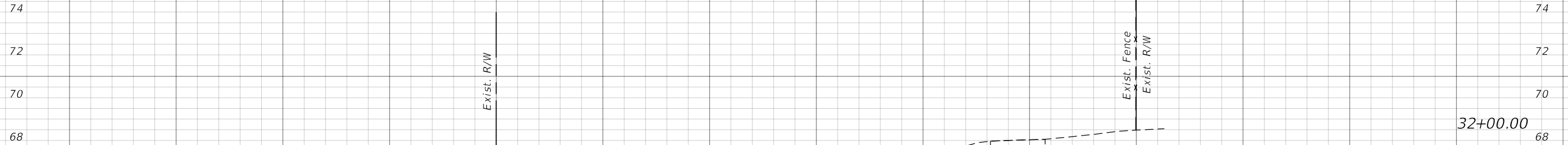
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 39

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

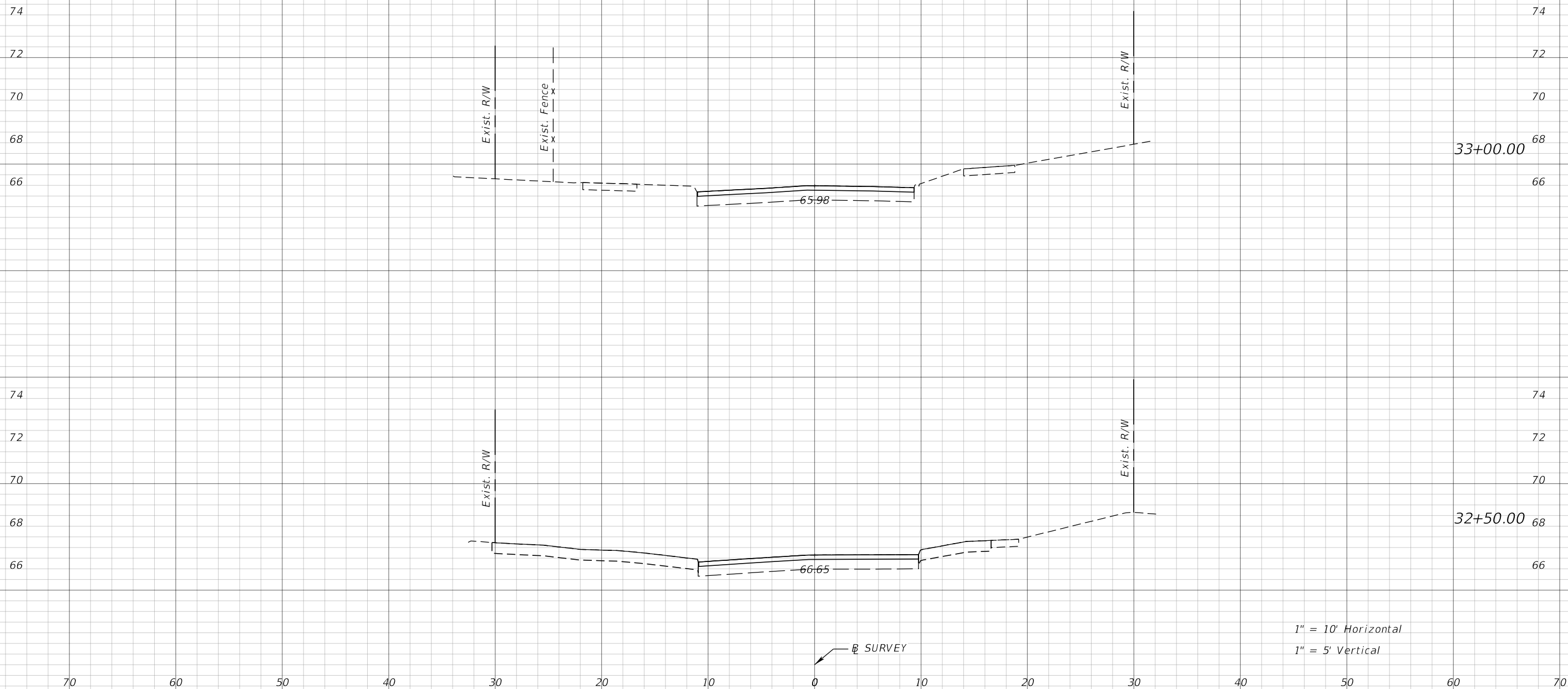
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 40

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

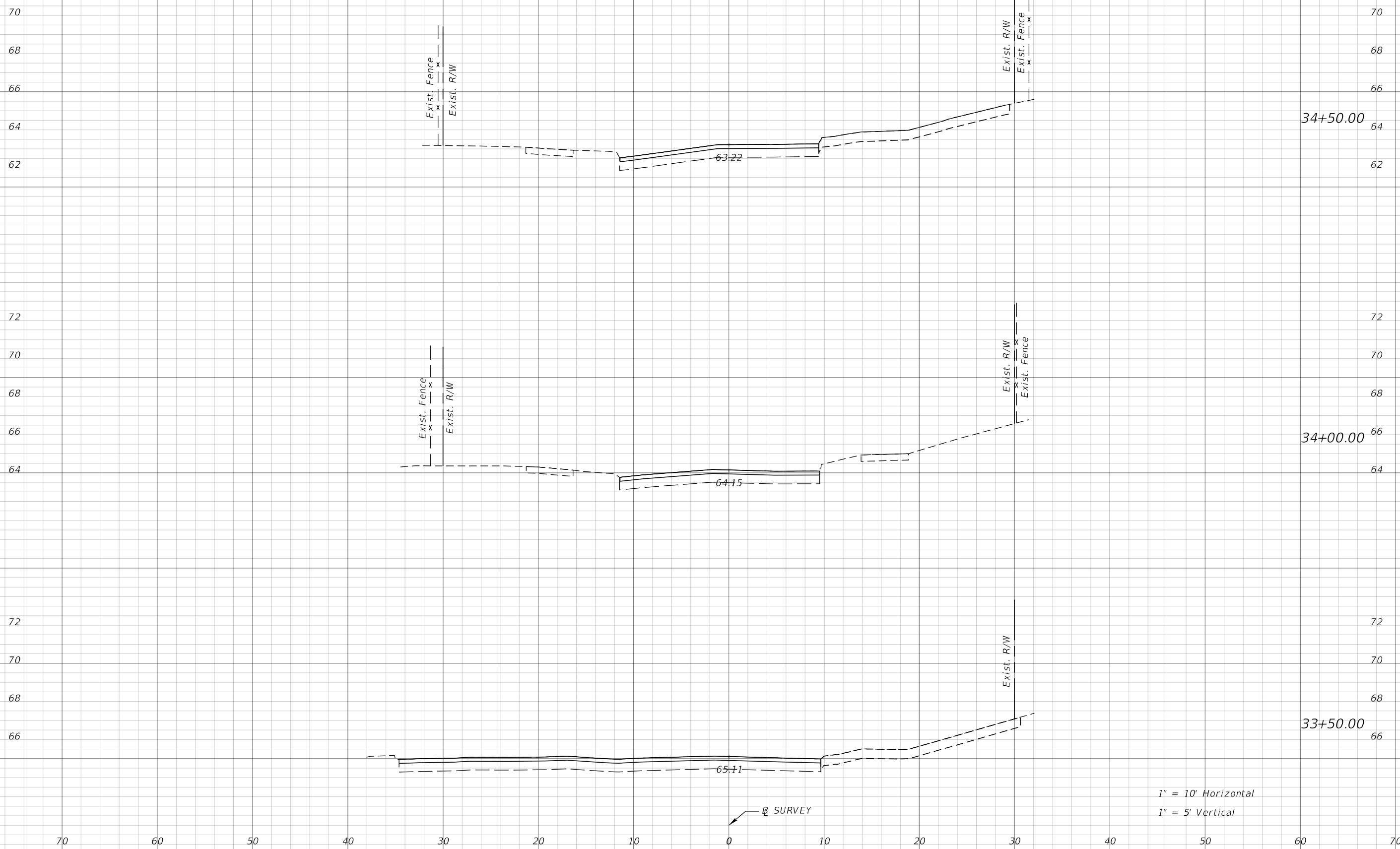
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**TEMPORARY CROSS
SECTIONS**

SHEET NO.
41

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

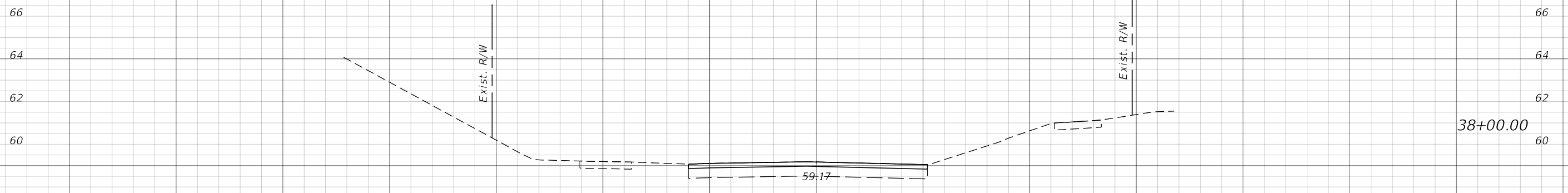
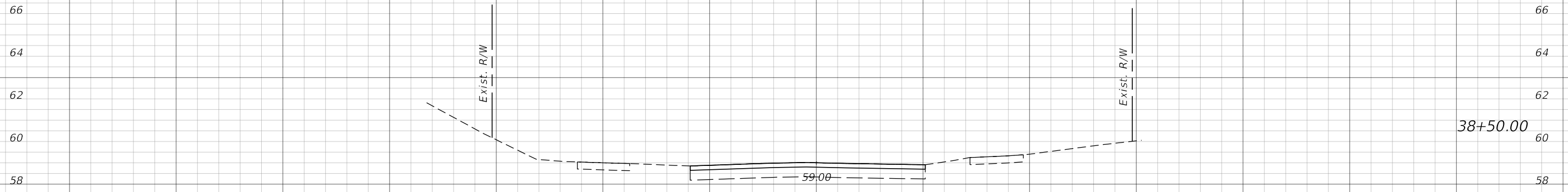
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 42

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

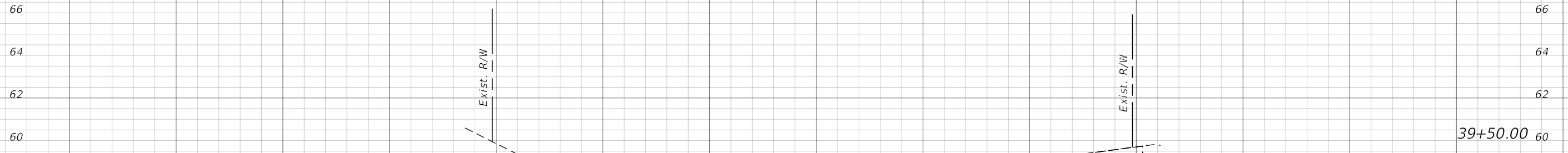
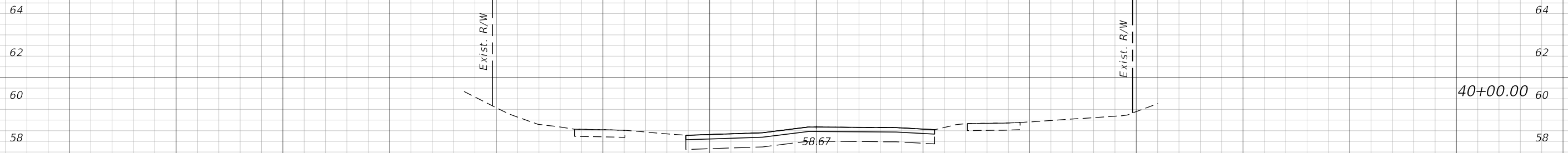
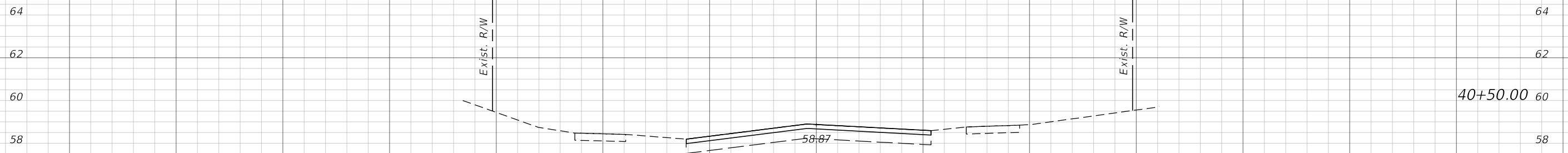
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
43

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



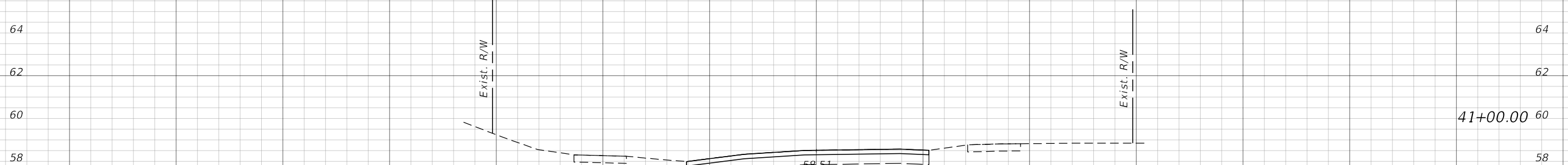
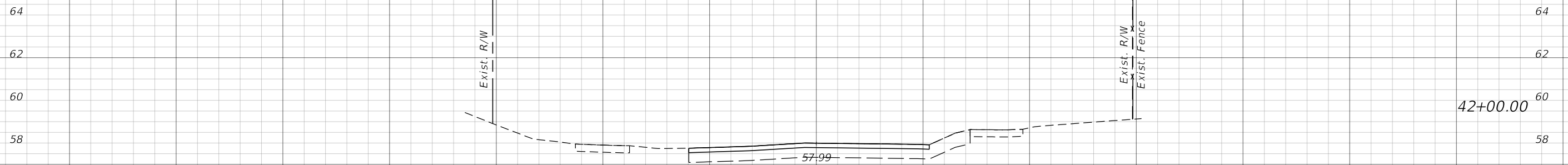
⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



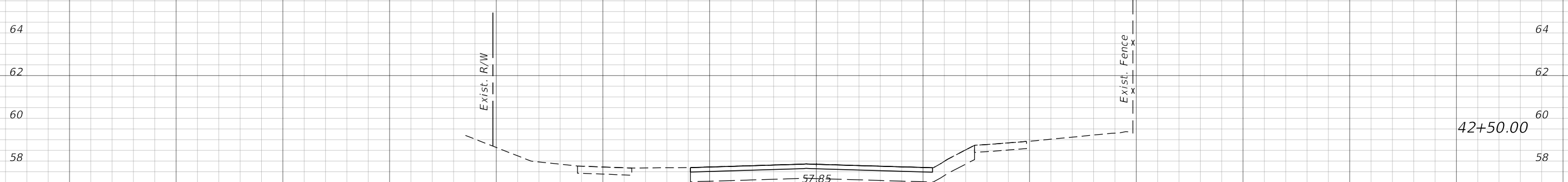
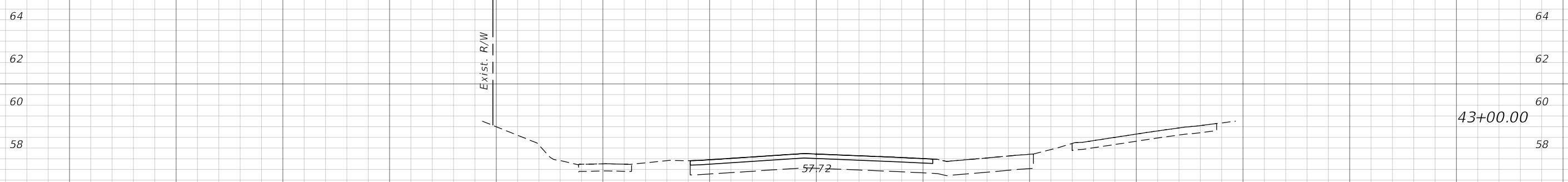
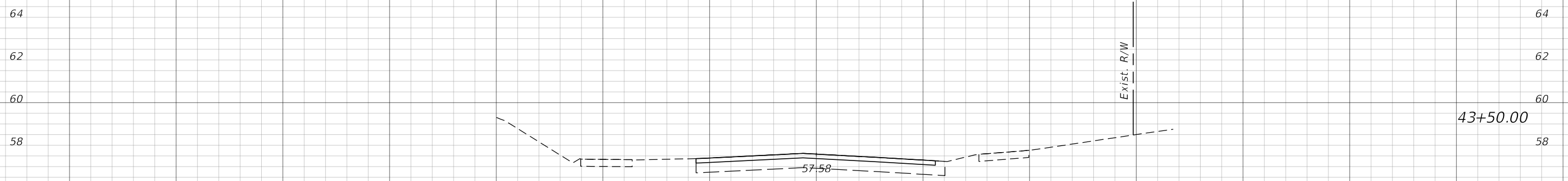
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 45
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



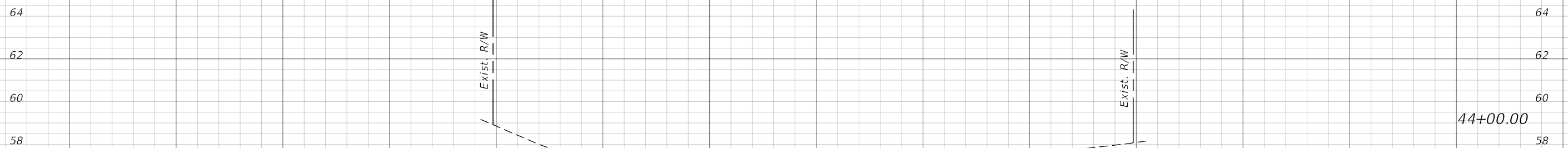
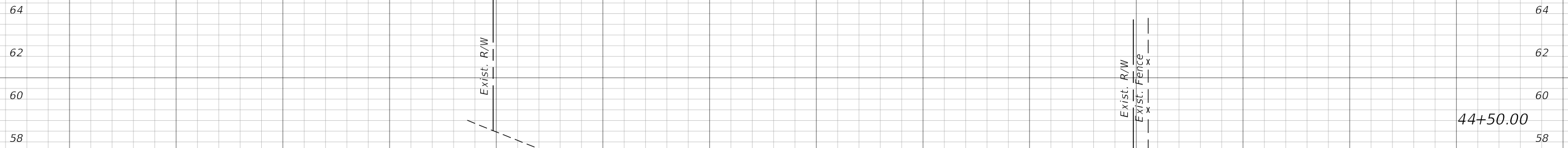
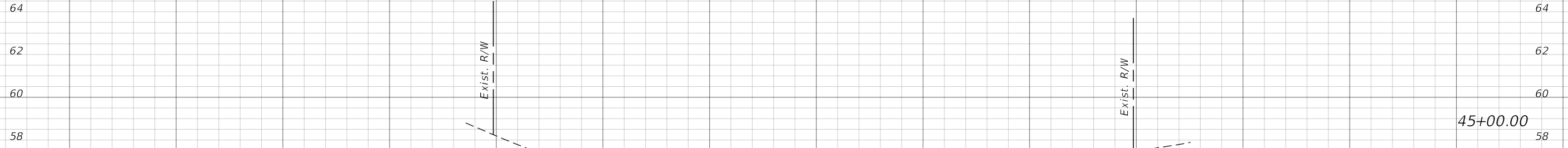
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



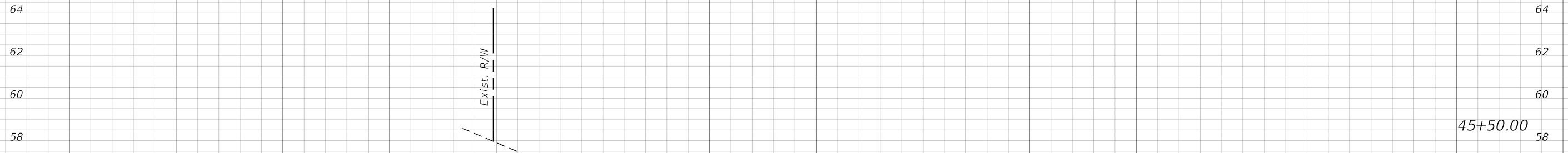
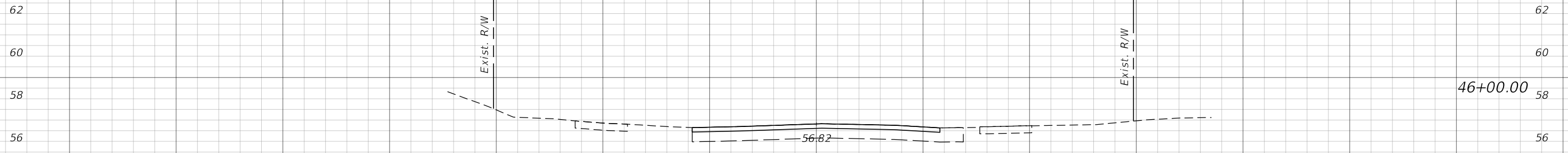
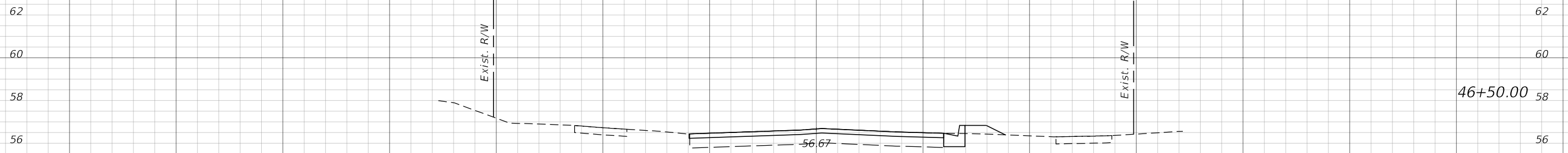
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 47
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



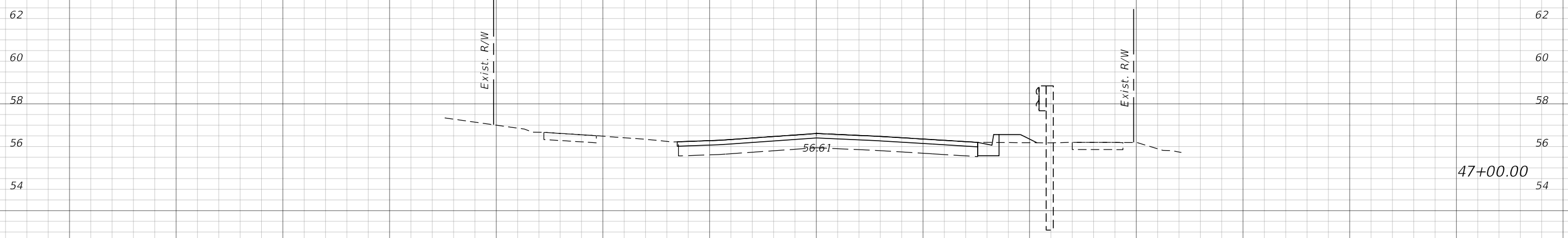
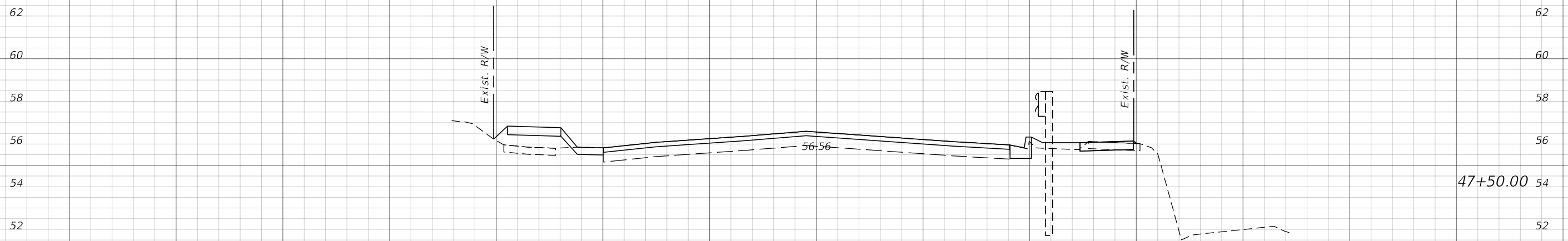
⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 48
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

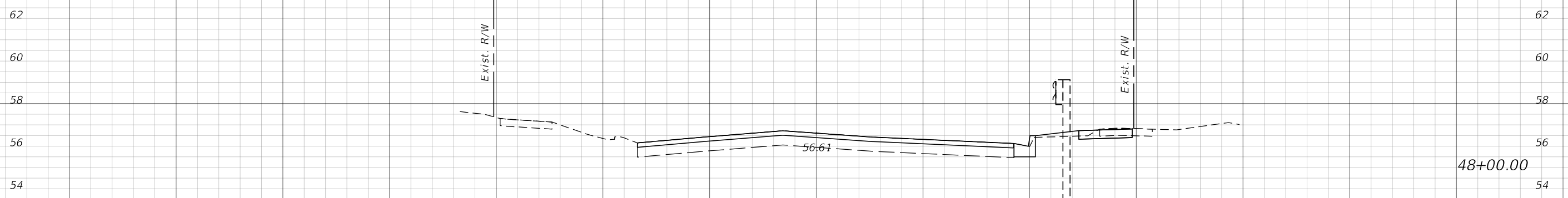
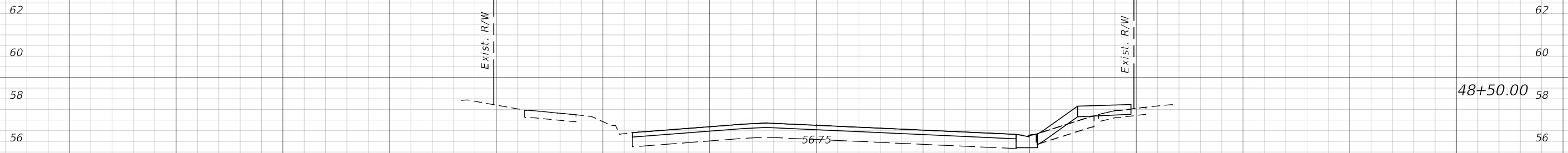
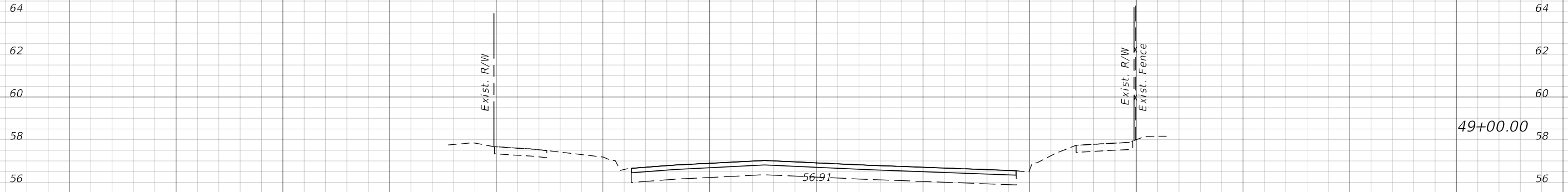
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 49

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



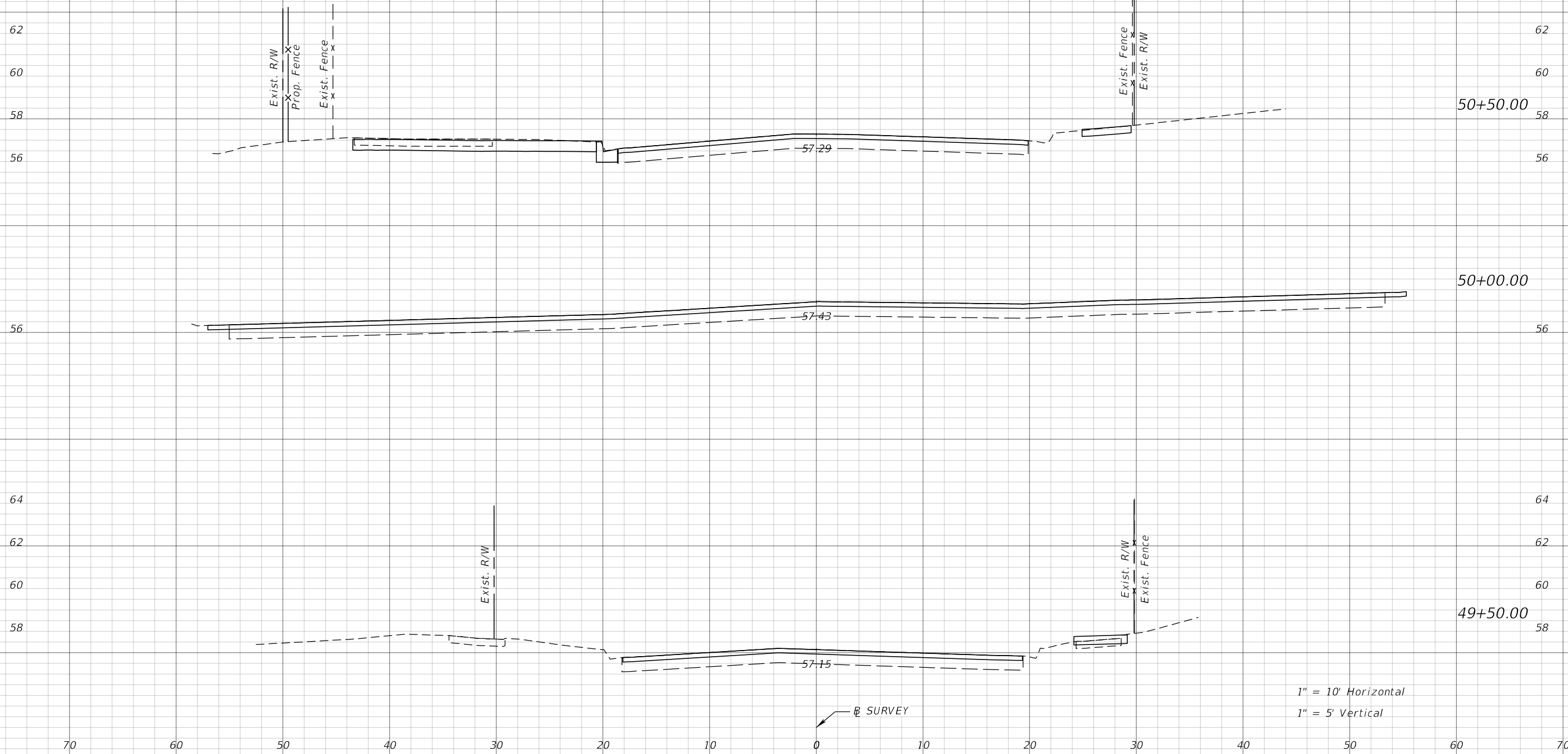
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

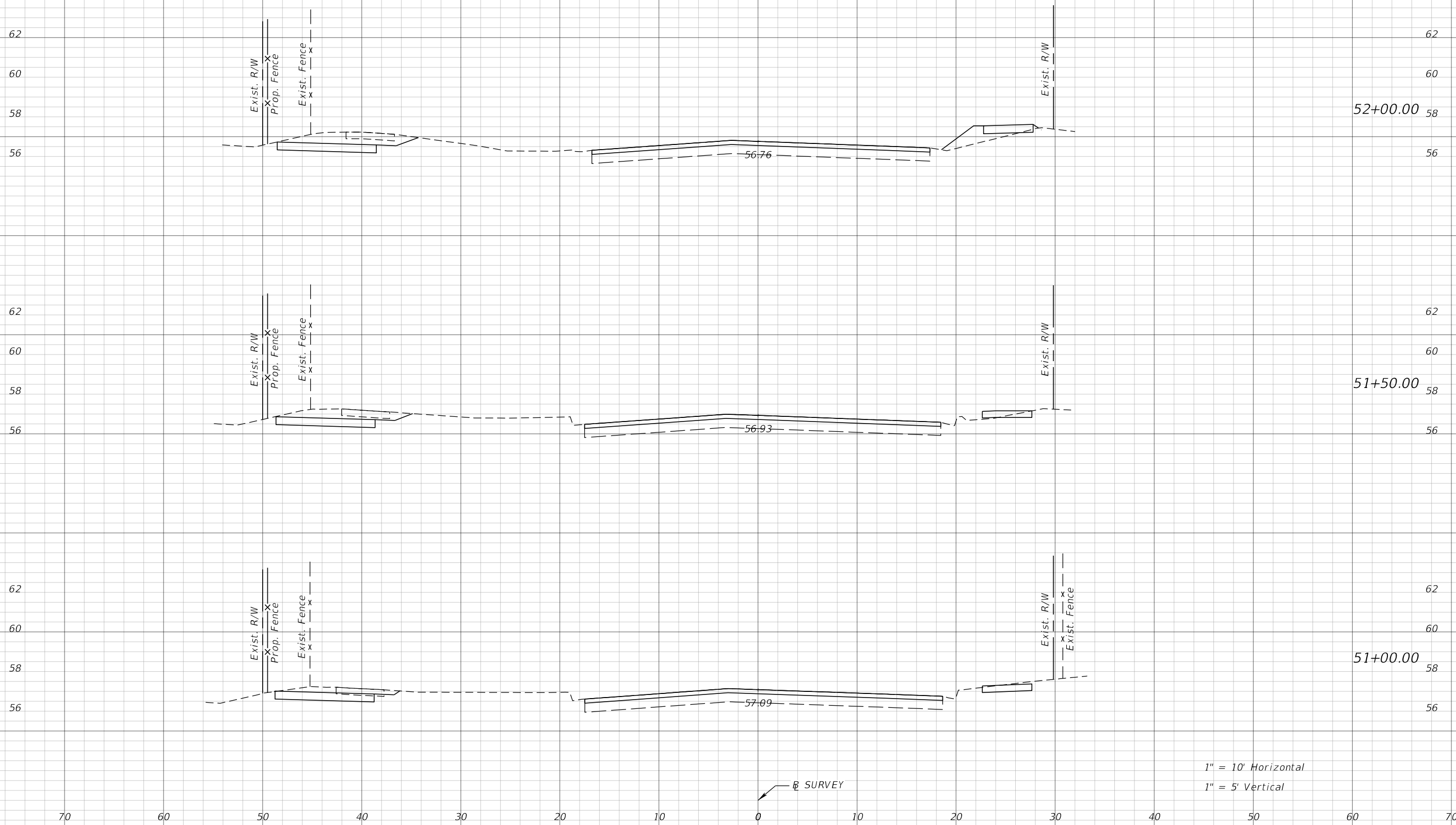
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 51

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

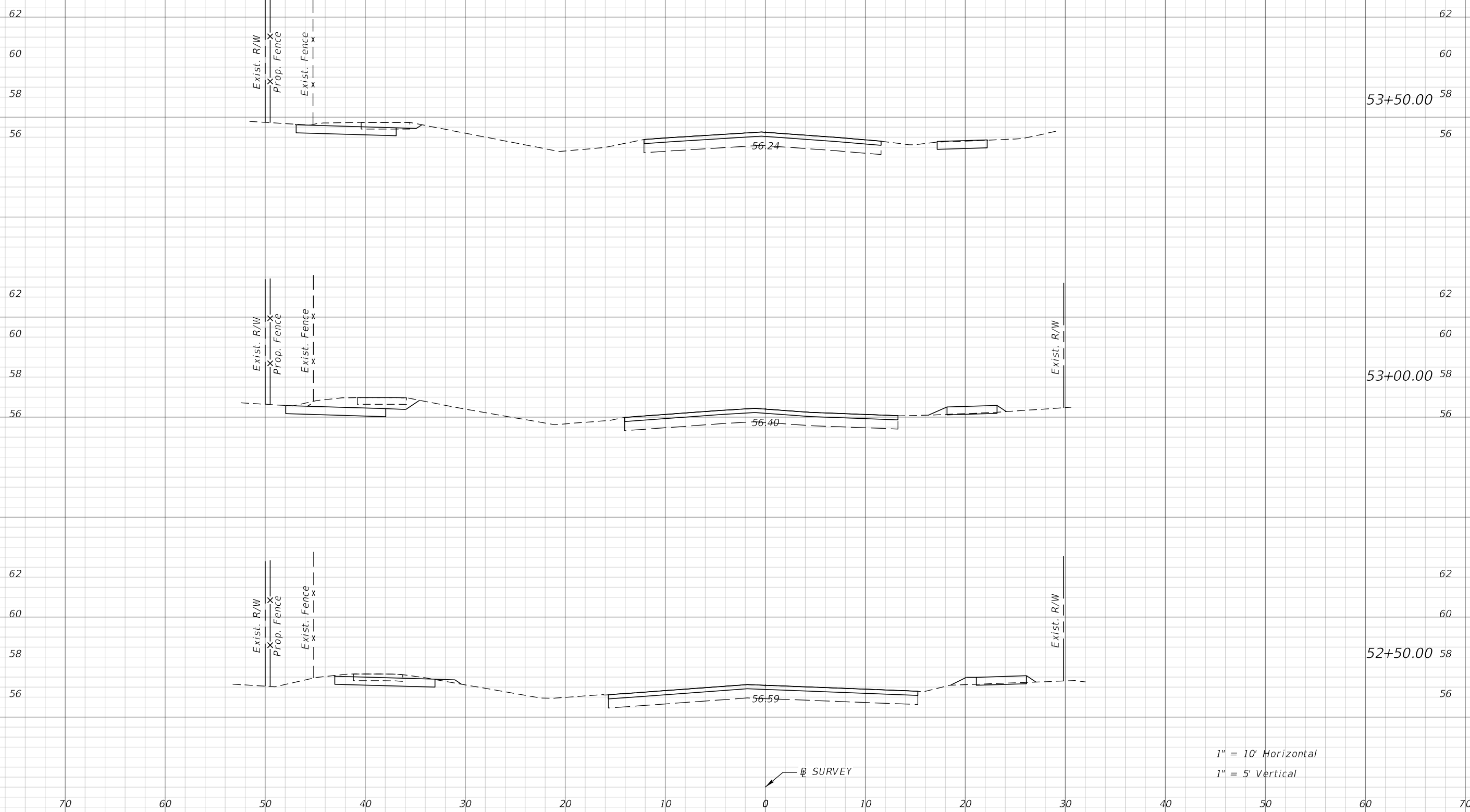
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
52

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS	
DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

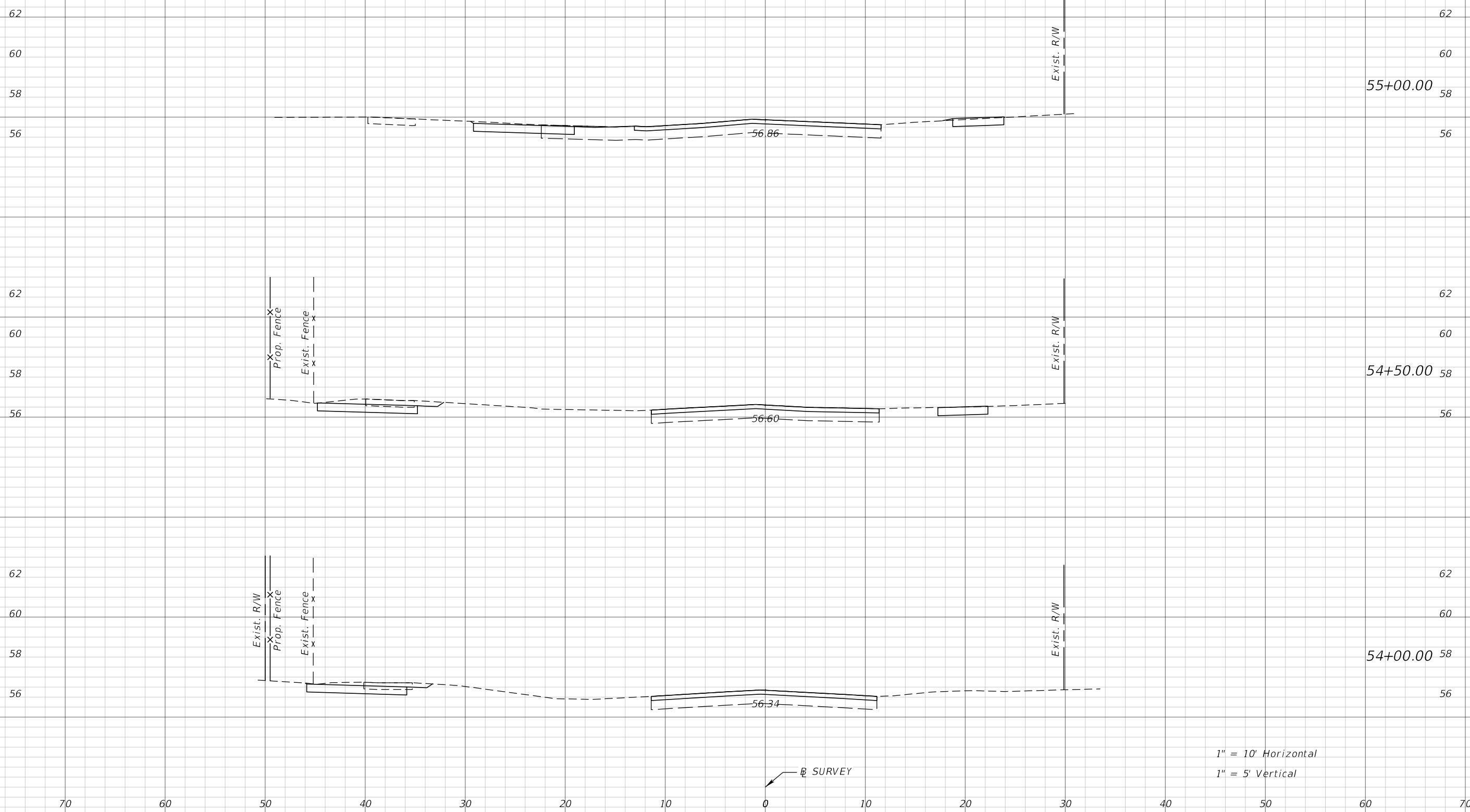
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
53

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS	
DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

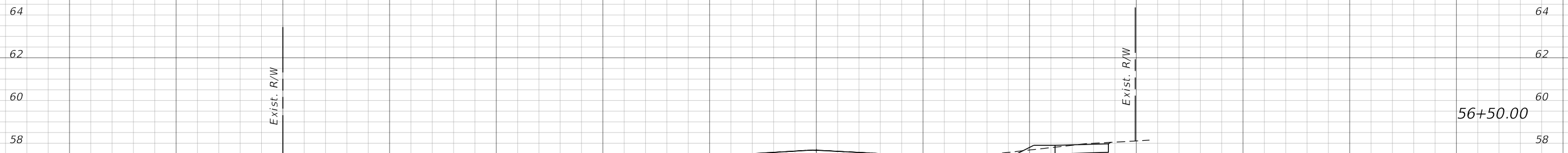
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

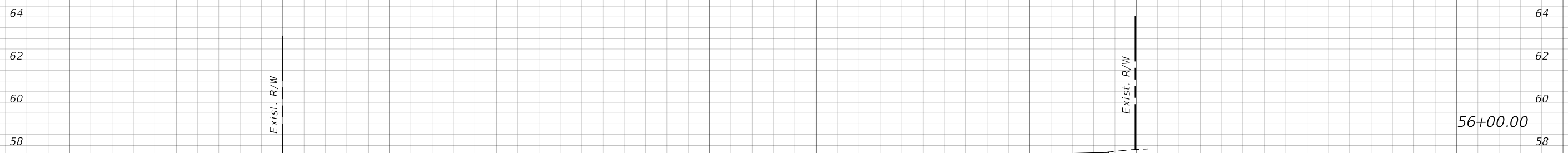
SHEET NO.
54

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

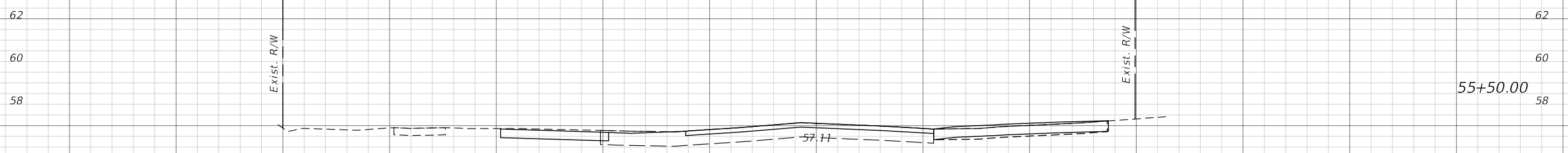
⊕ SURVEY



56+50.00



56+00.00



55+50.00

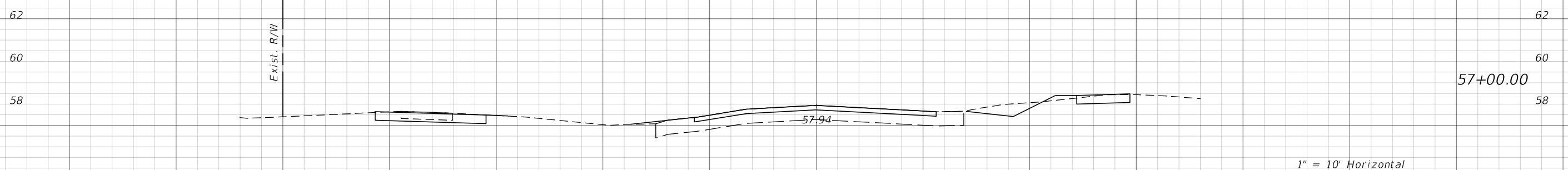
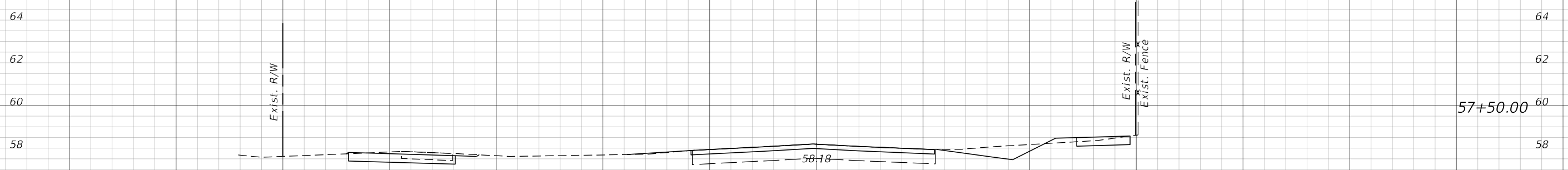
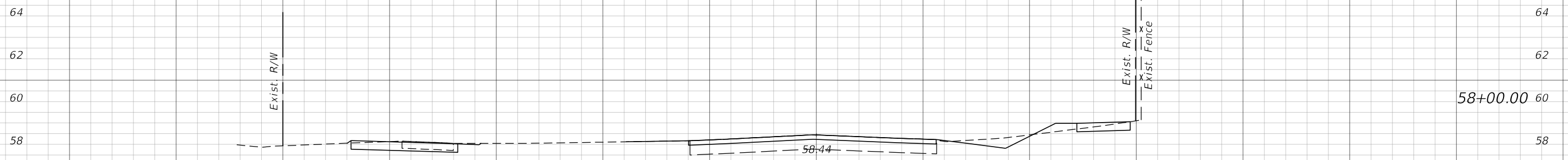
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 55
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



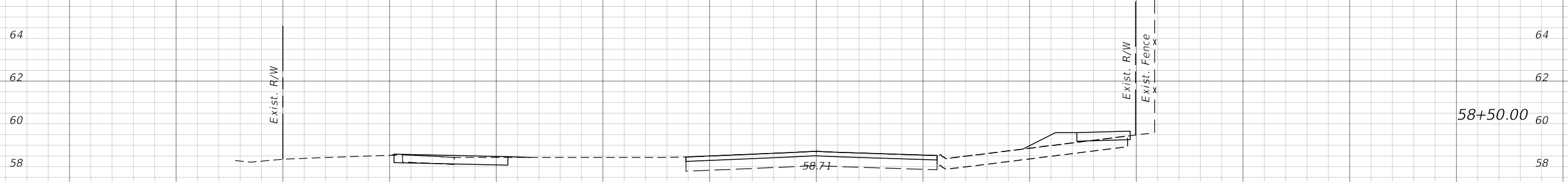
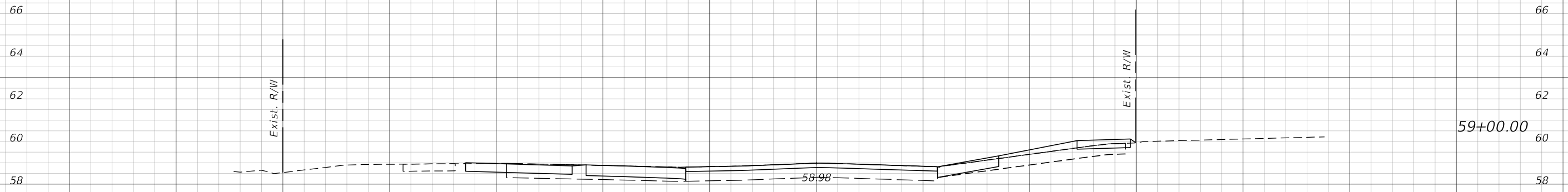
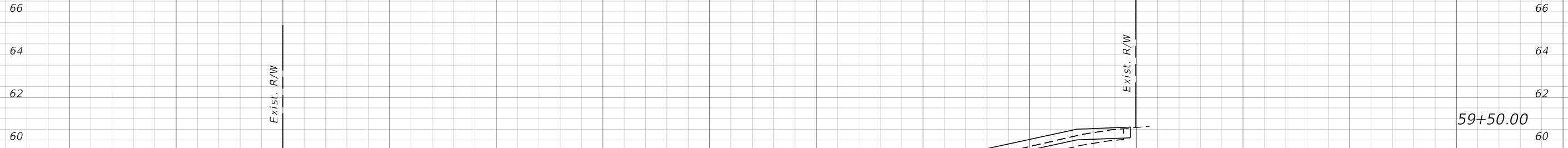
1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 56
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 57
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY

61+50.00

60

60

61.00

61+00.00

60

60

60.50

66

66

64

64

62

62

60+50.00

60

60

60.02

Exist. R/W

66

66

64

64

62

62

60+00.00

60

60

59.60

Exist. R/W

⊕ SURVEY

1" = 10' Horizontal

1" = 5' Vertical

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

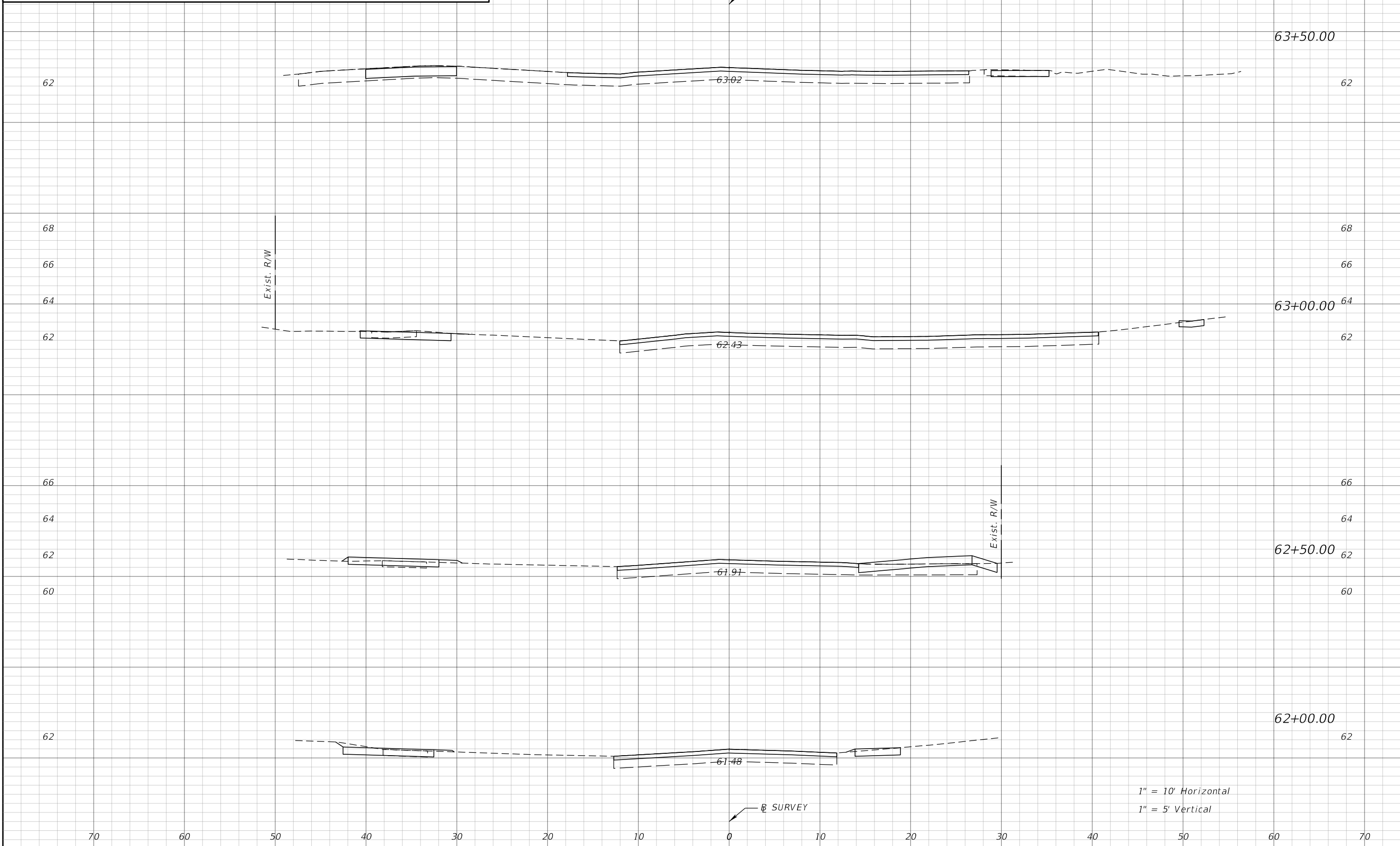
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
58

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



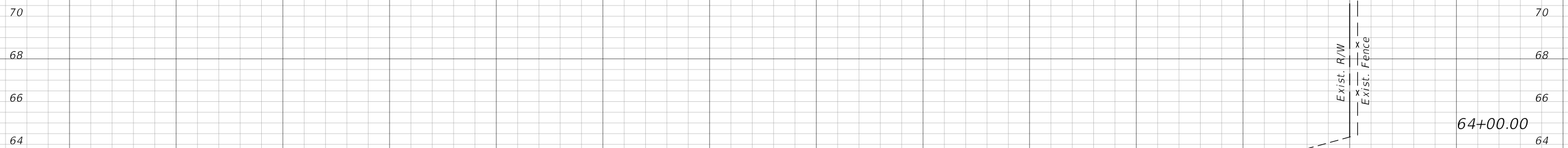
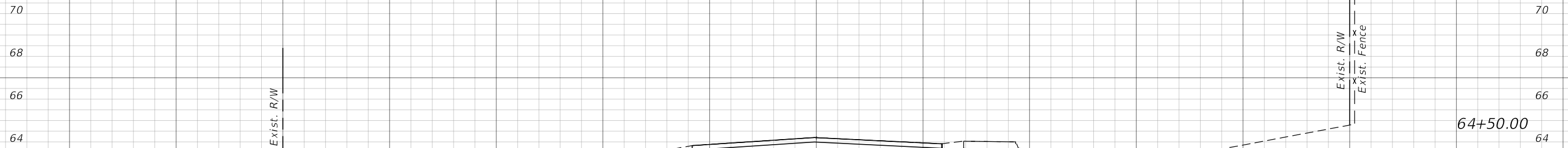
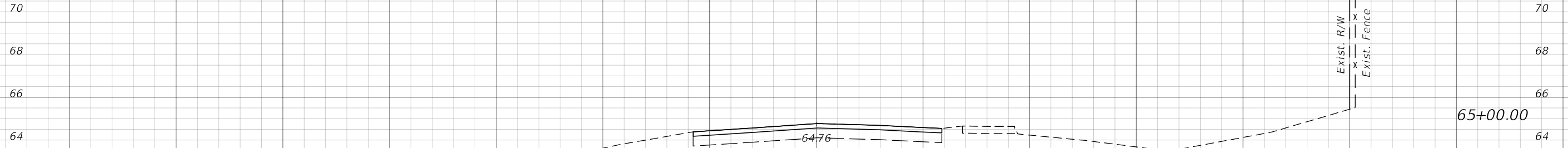
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 59
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

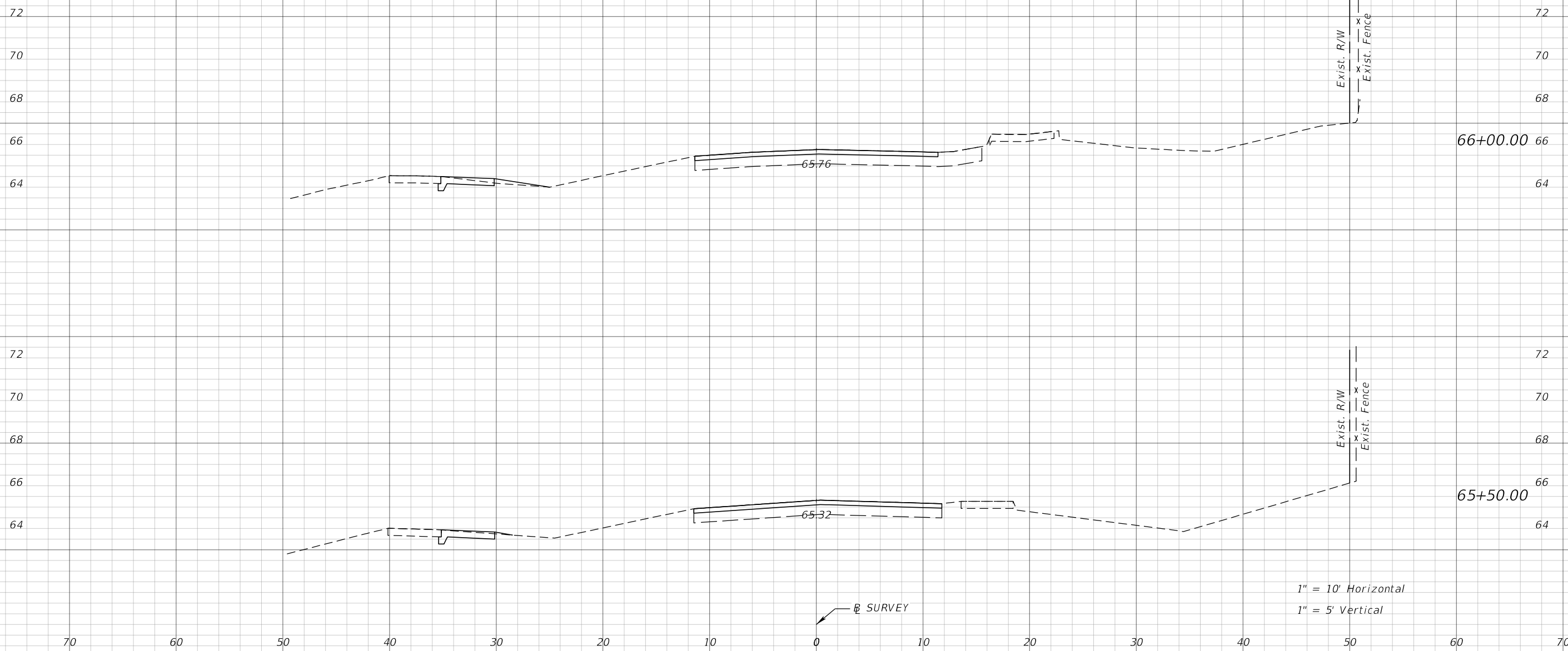
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
60

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

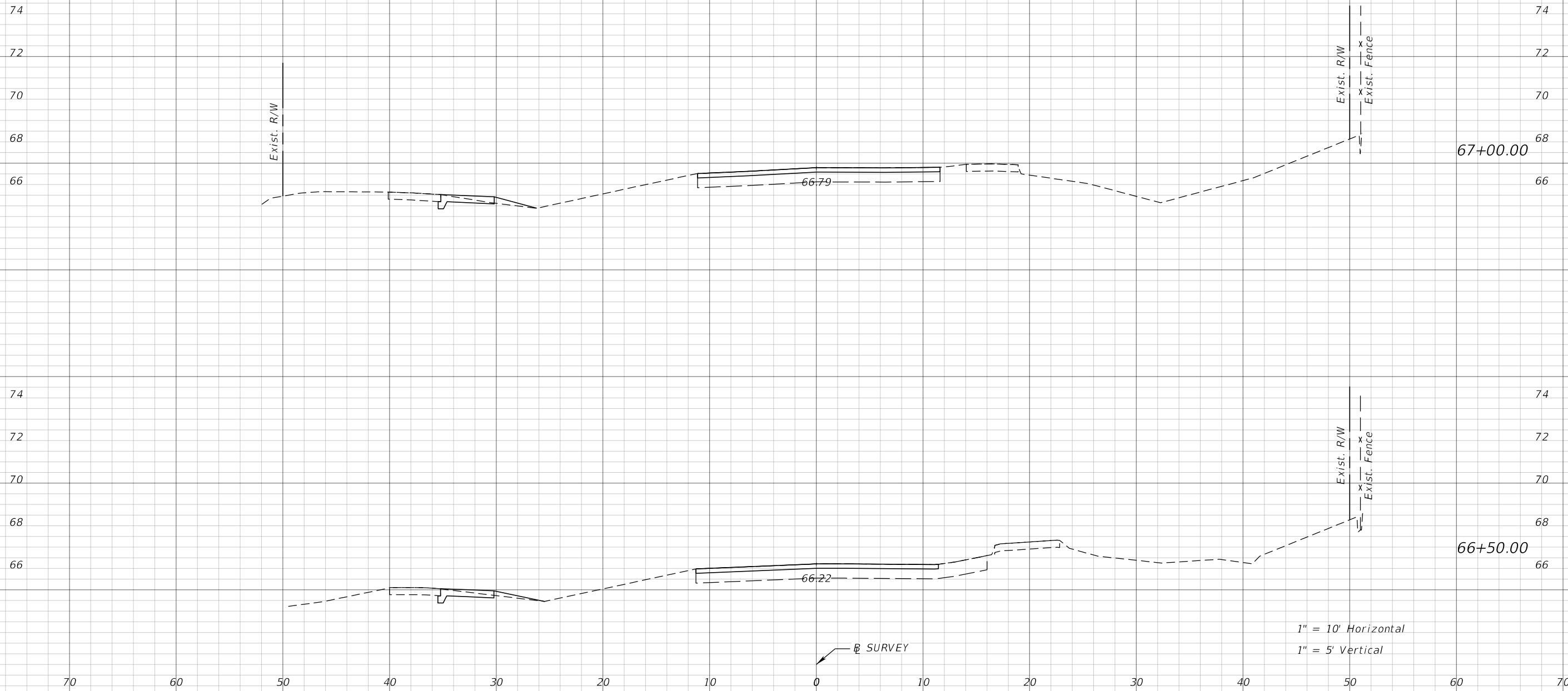
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**TEMPORARY CROSS
SECTIONS**

SHEET
NO.
61

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

Ⓡ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

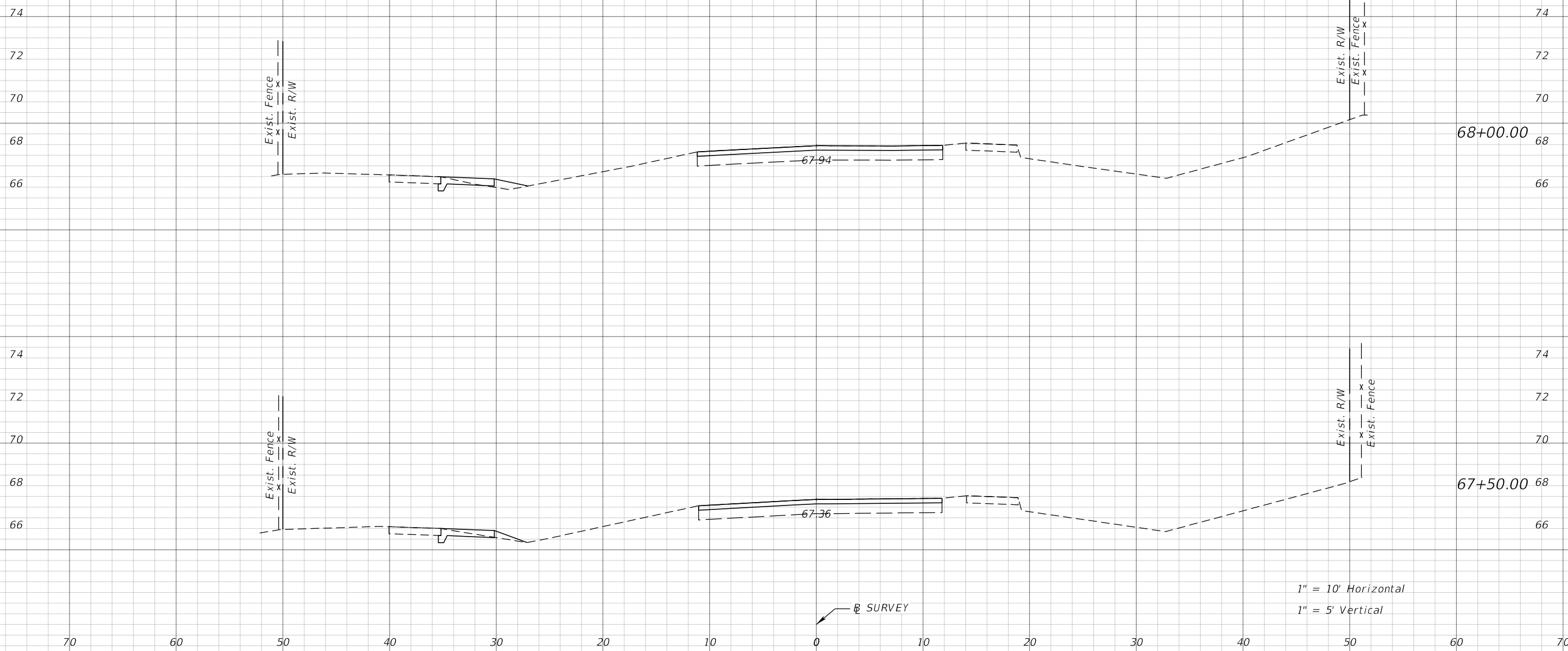
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 62

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

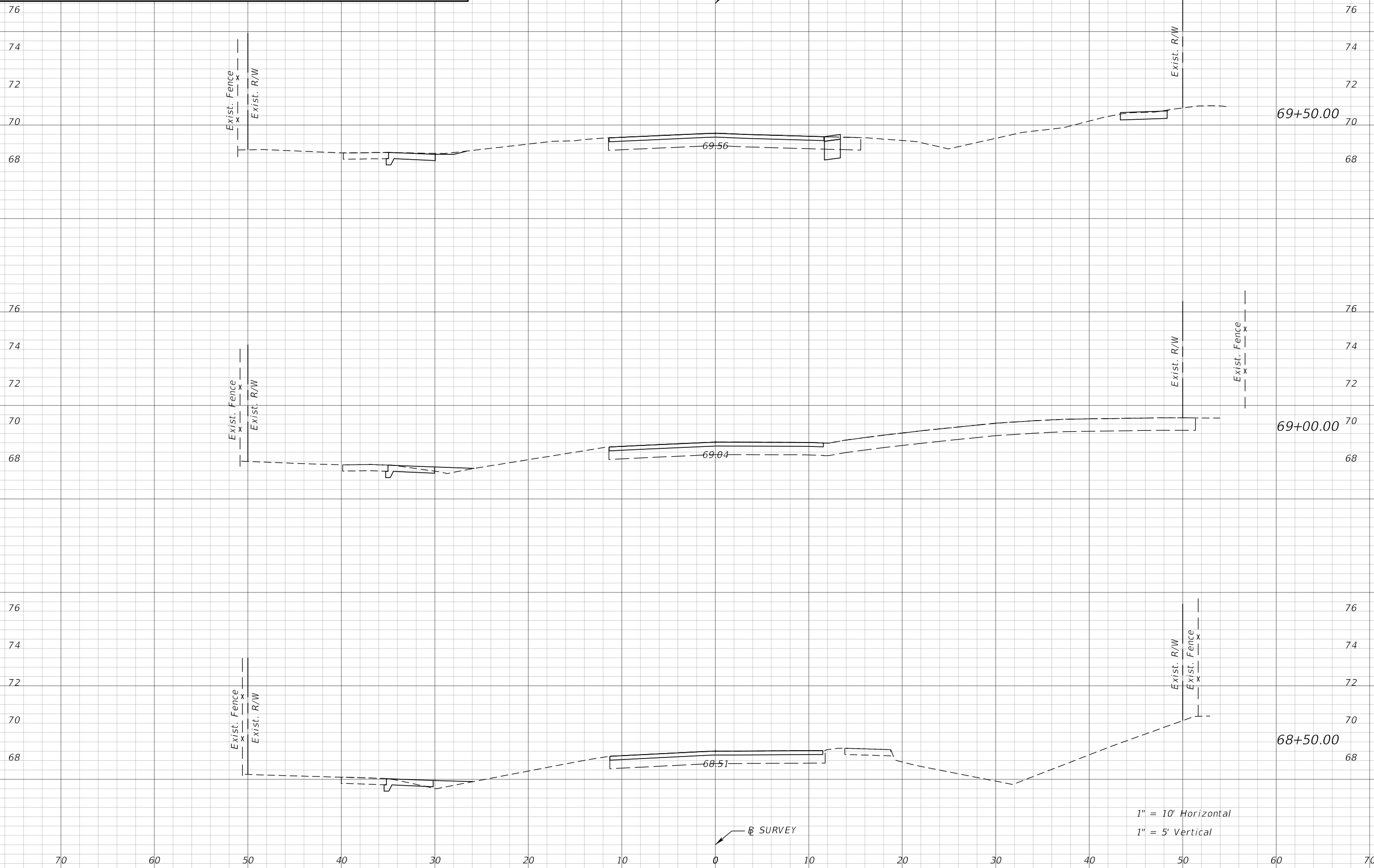
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
63

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



REVISIONS	
DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

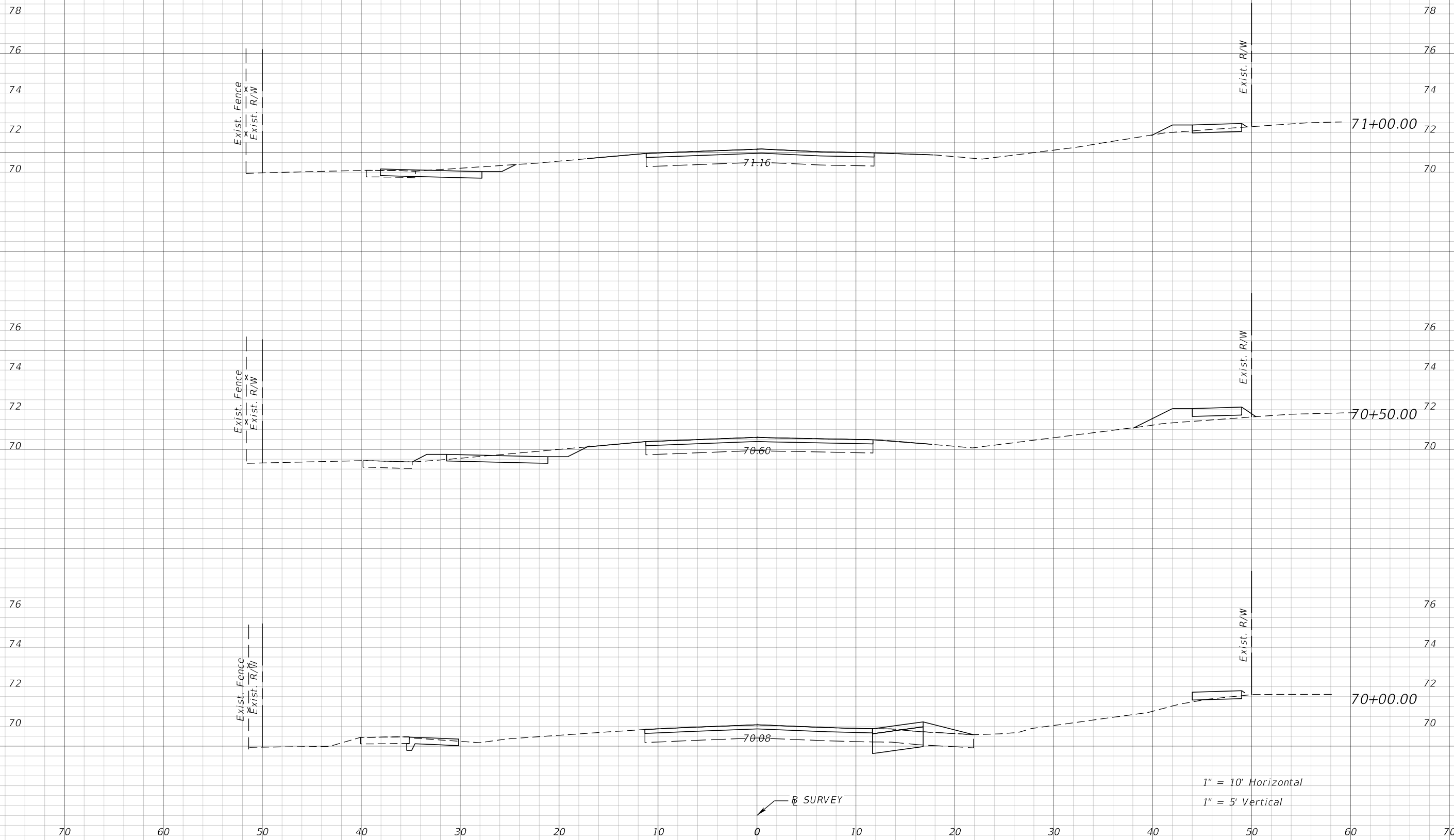
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
64

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

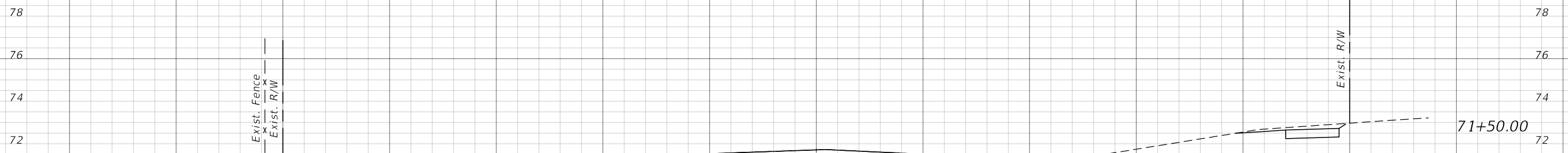
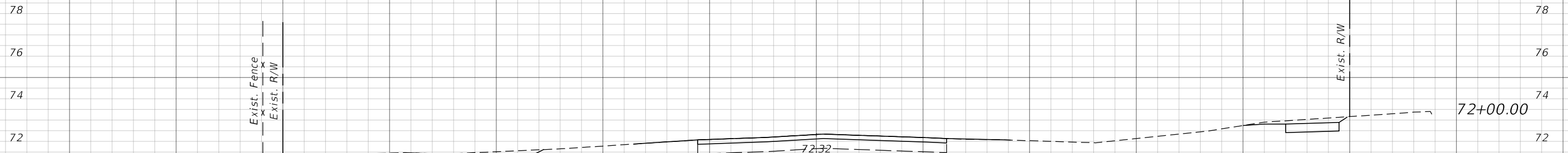
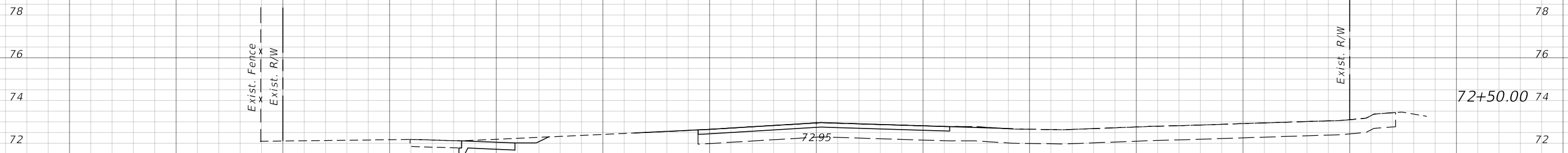
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
65

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



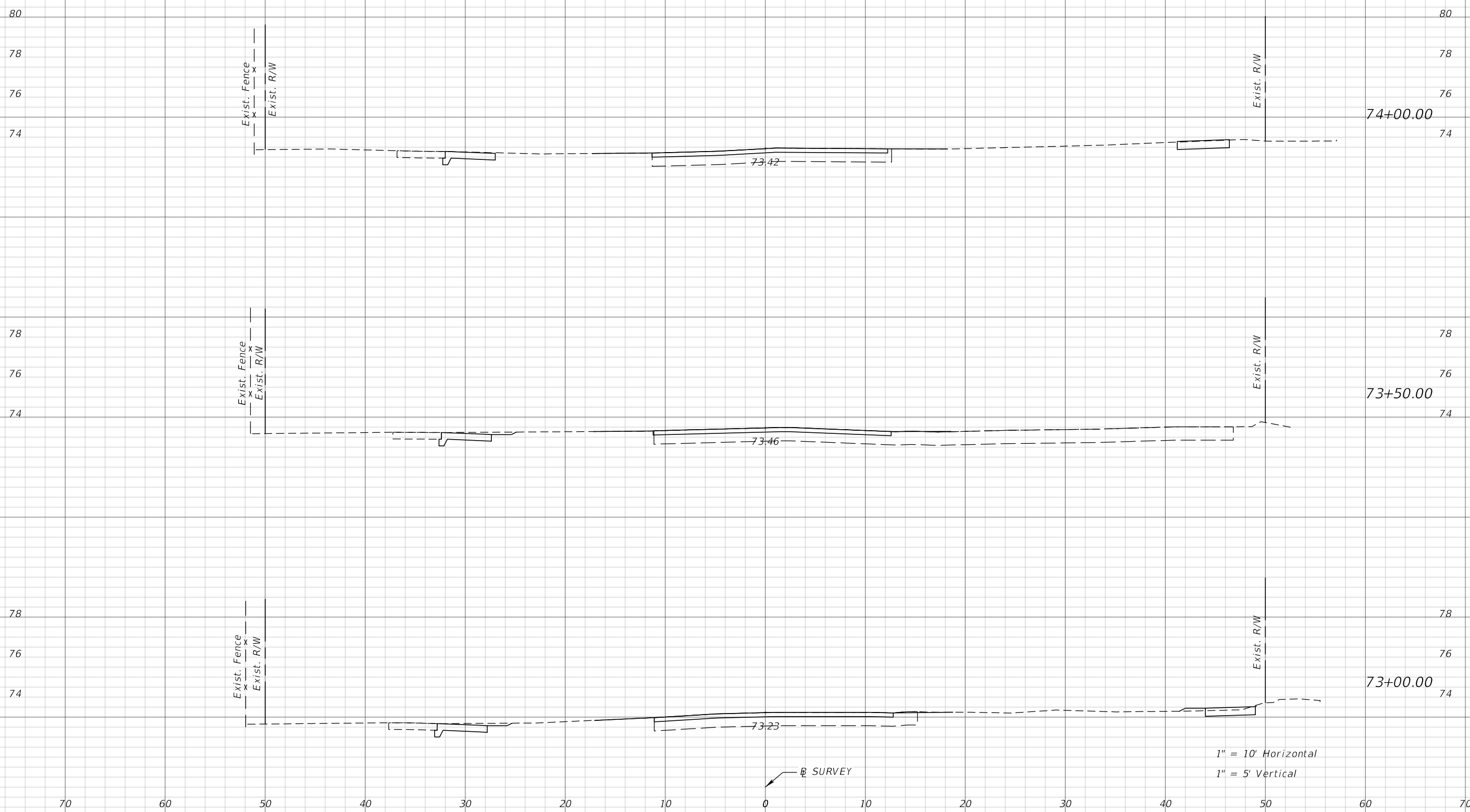
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 66
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

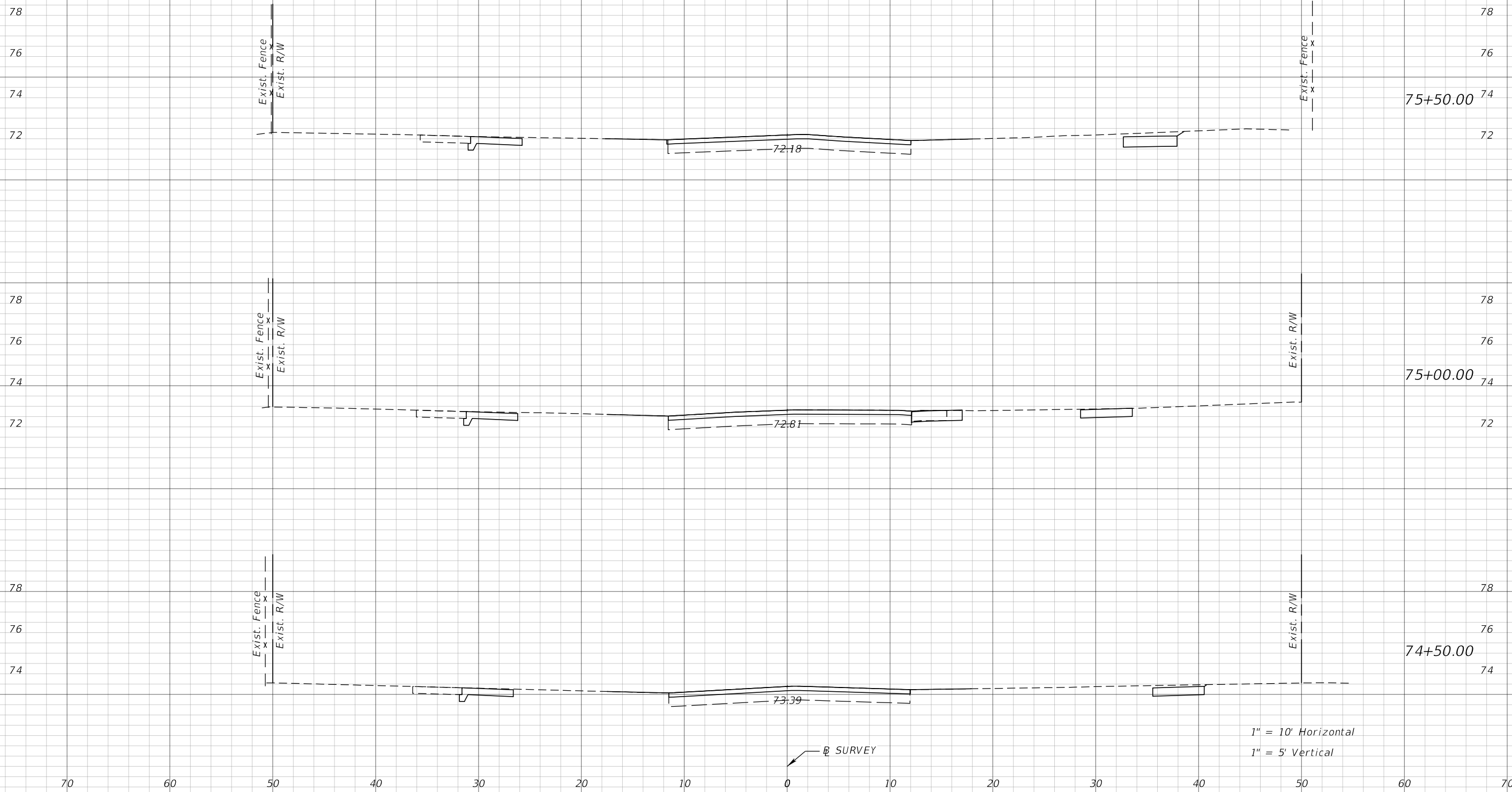
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 67

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



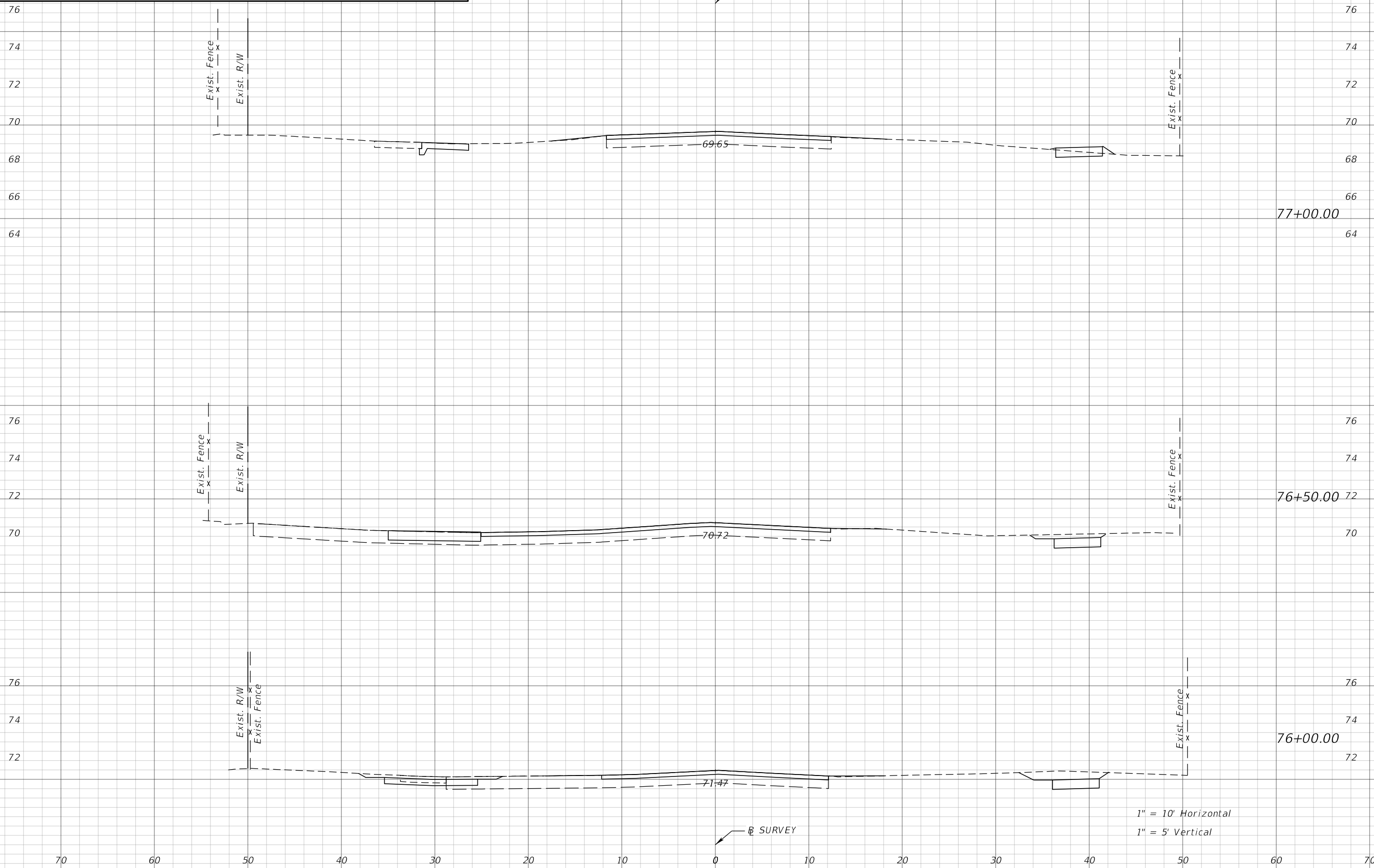
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 68
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY

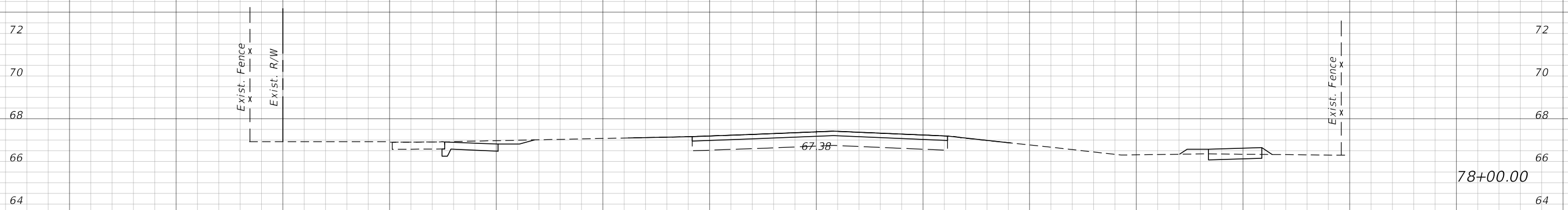


1" = 10' Horizontal
1" = 5' Vertical

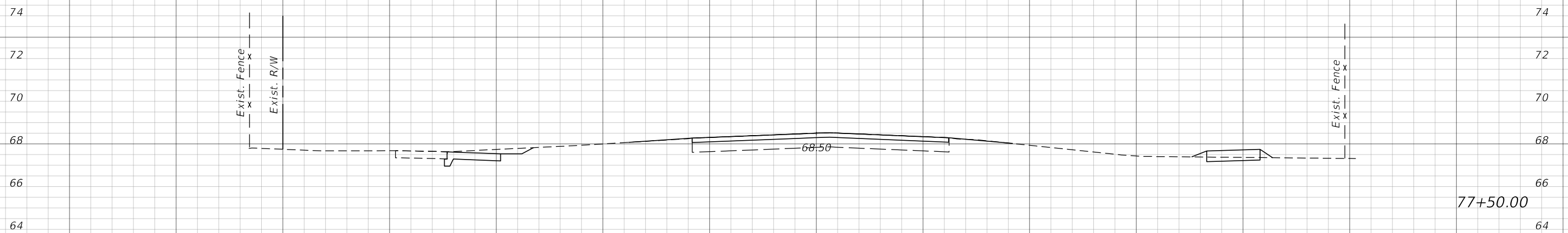
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 69
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



78+00.00



77+50.00

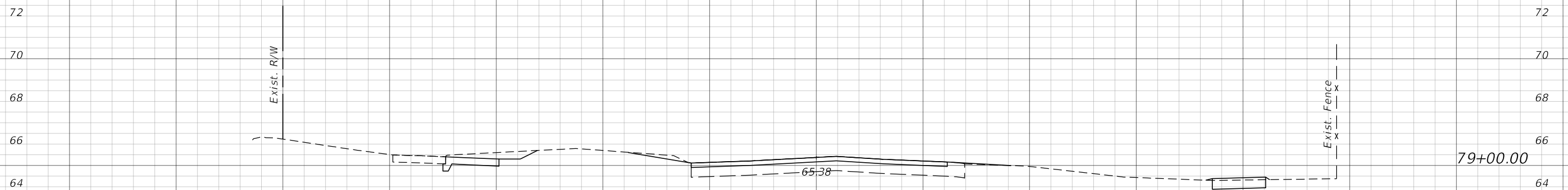
1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 70
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

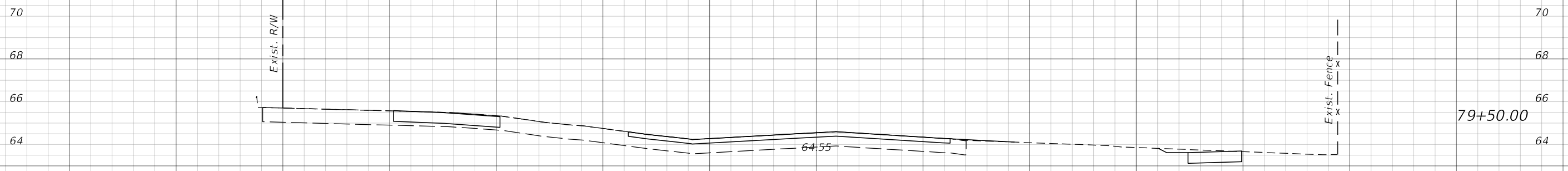
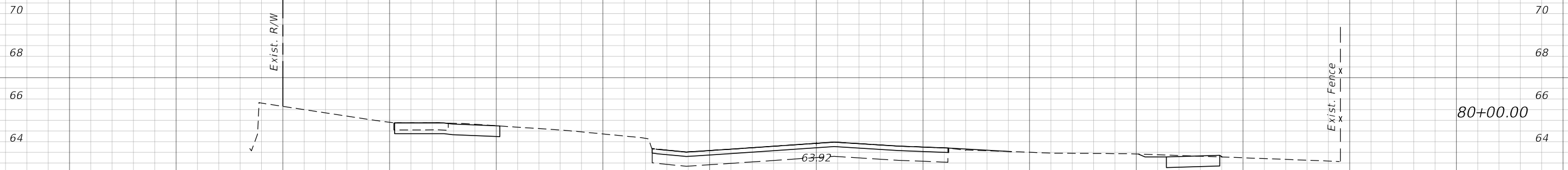
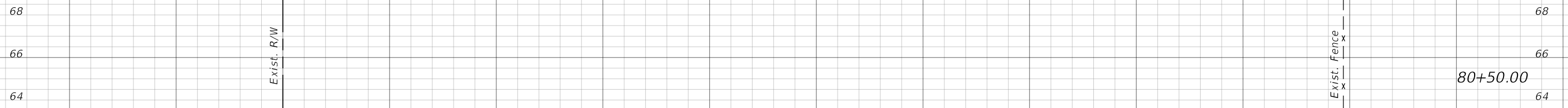
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**TEMPORARY CROSS
SECTIONS**

SHEET
NO.
71

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



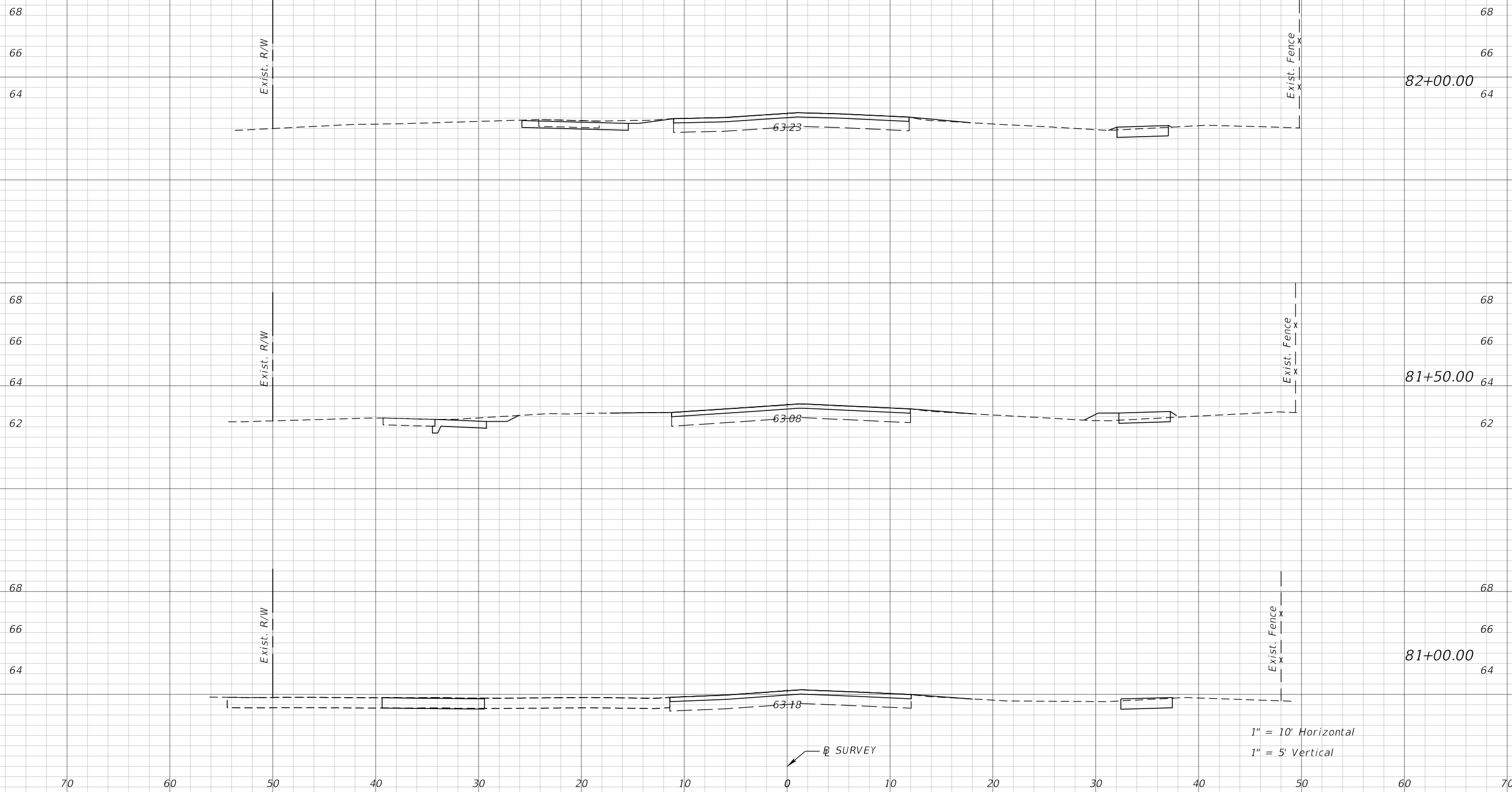
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 72
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

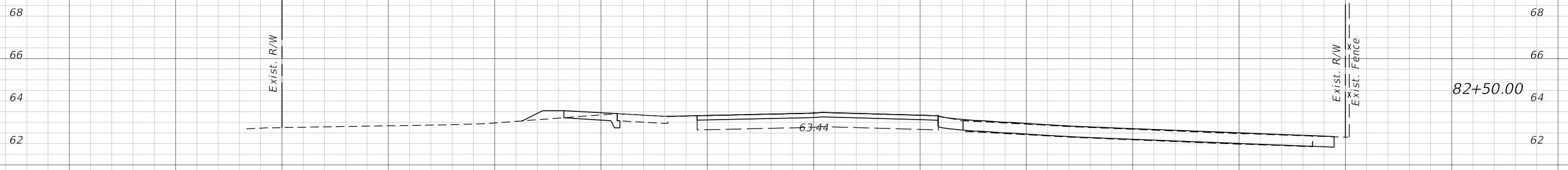
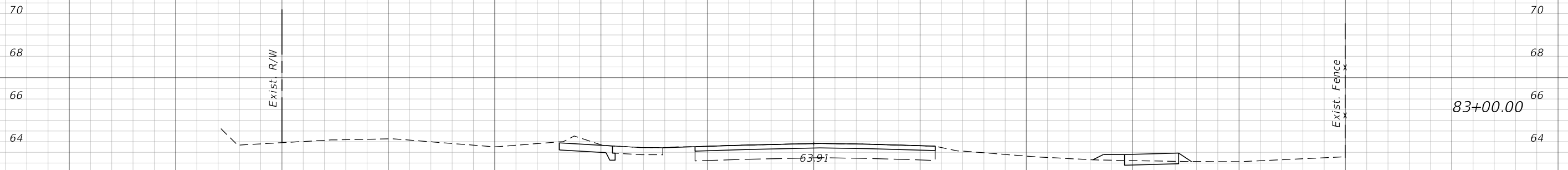
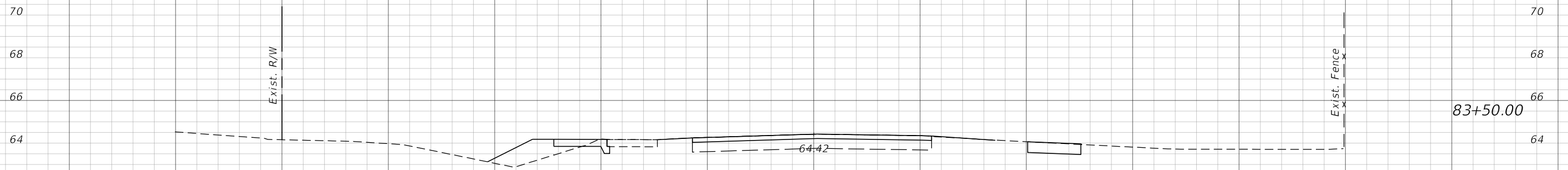
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
73

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊞ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

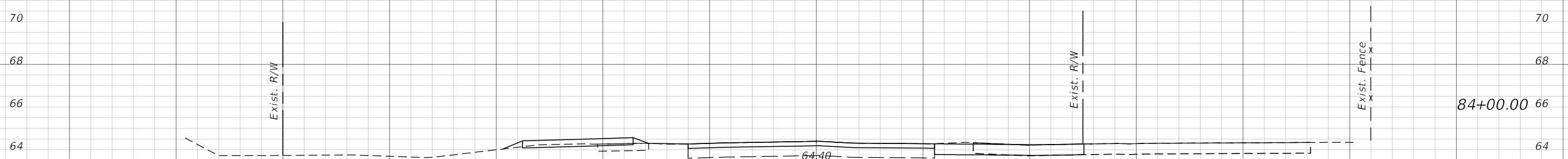
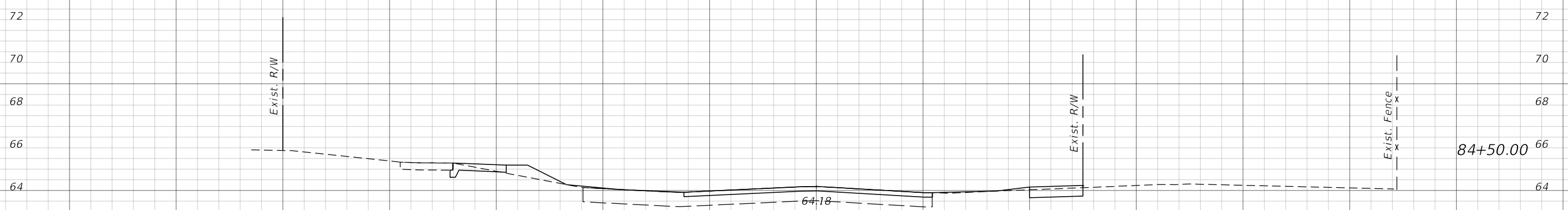
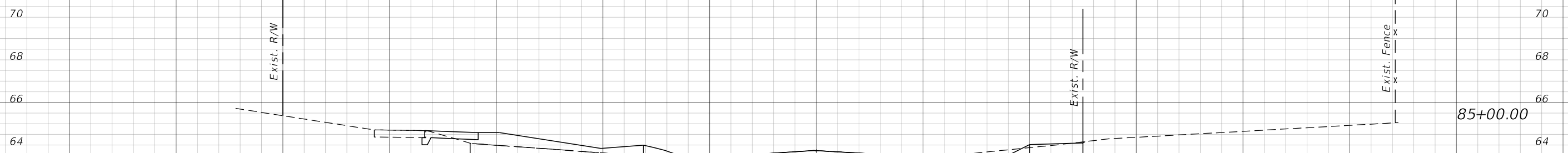
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO. 74

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



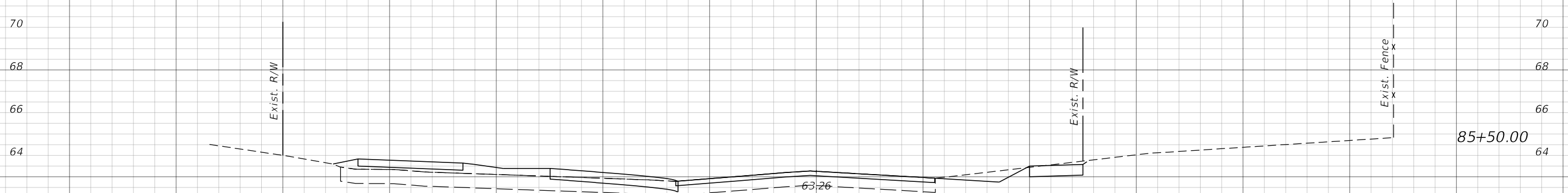
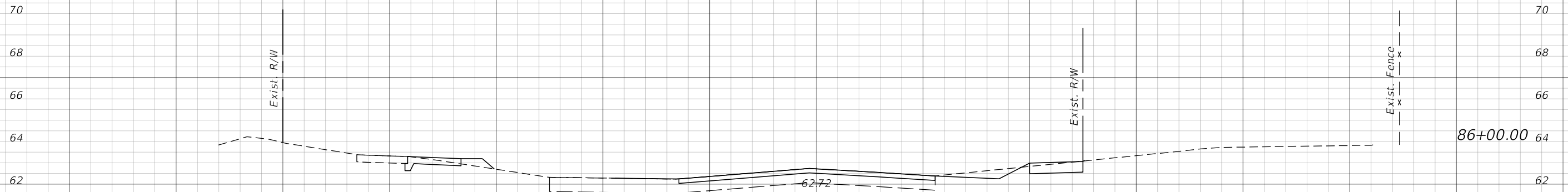
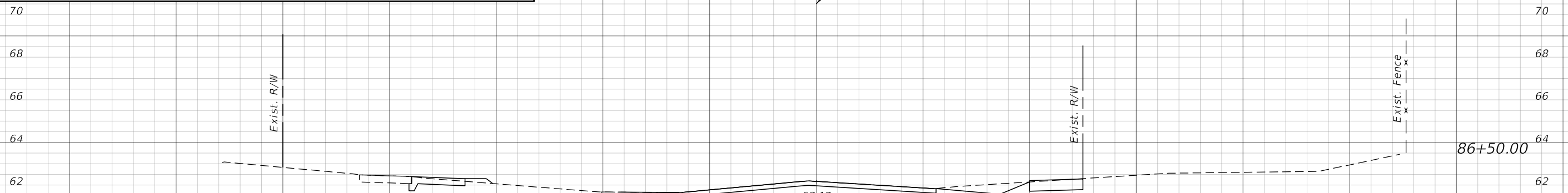
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY CROSS SECTIONS	SHEET NO. 75
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

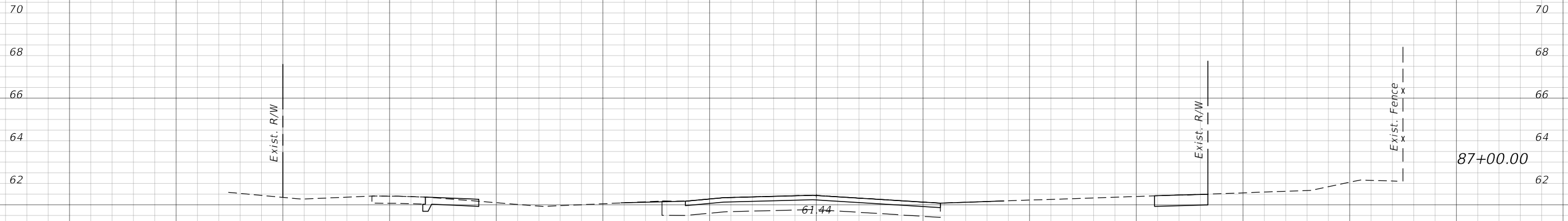
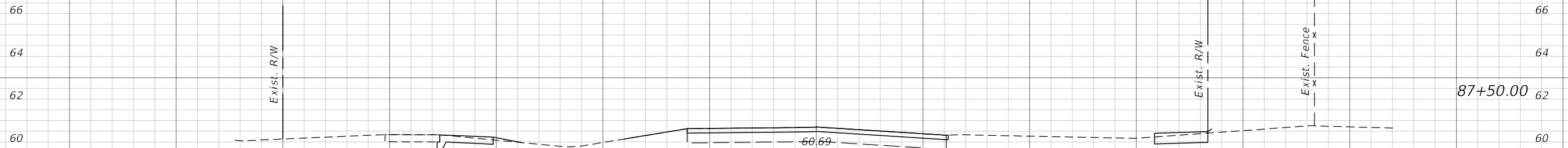
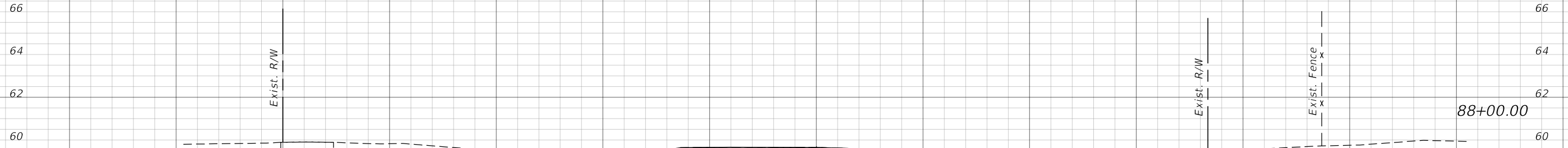
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
76

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. TO BE REMOVED AT FINAL PLANS.

⊕ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

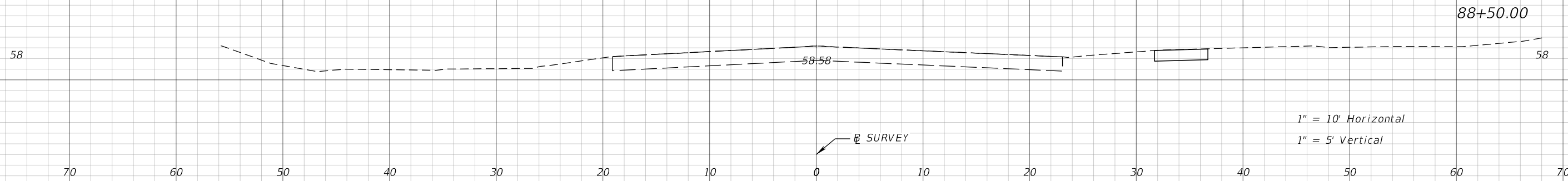
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY CROSS SECTIONS

SHEET NO.
77

NOTE: CROSS SECTIONS CONTAINED IN THESE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY.
TO BE REMOVED AT FINAL PLANS.

↙ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**TEMPORARY CROSS
SECTIONS**

SHEET
NO.
78

43

43

39

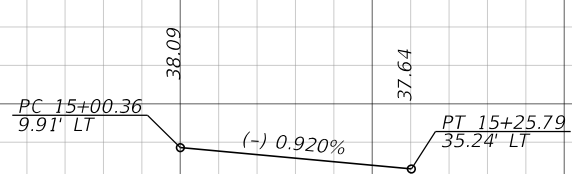
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35

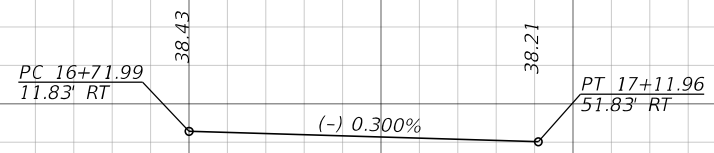
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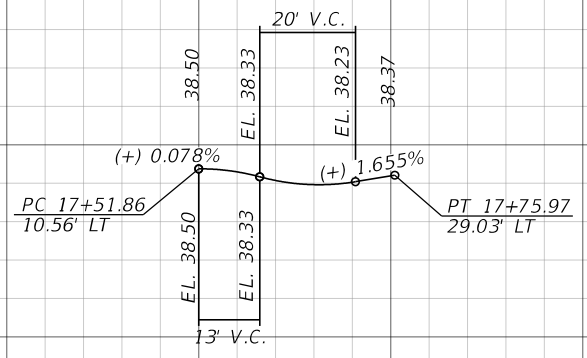
31



SPECIAL PROFILE 1



SPECIAL PROFILE 2



SPECIAL PROFILE 3

1" = 40 Horizontal
1" = 10' Vertical

39

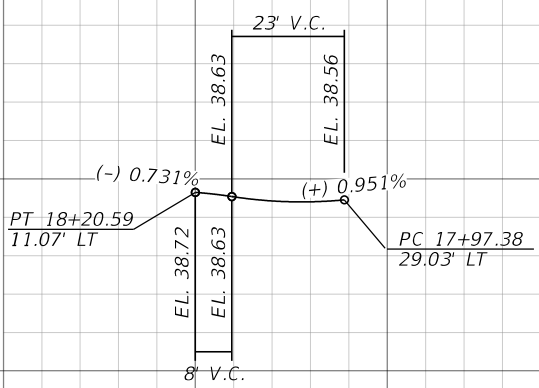
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35

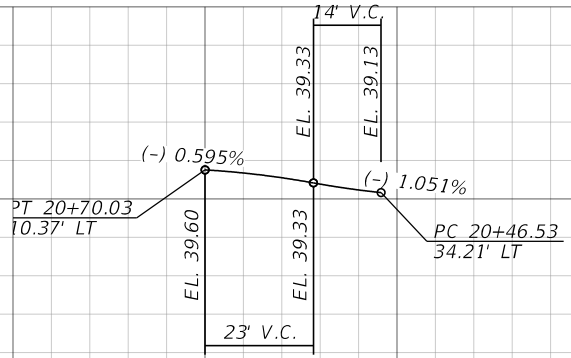
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31

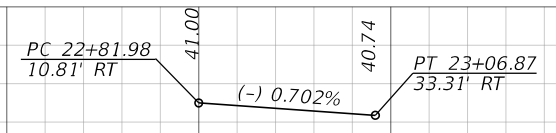
31



SPECIAL PROFILE 4



SPECIAL PROFILE 5

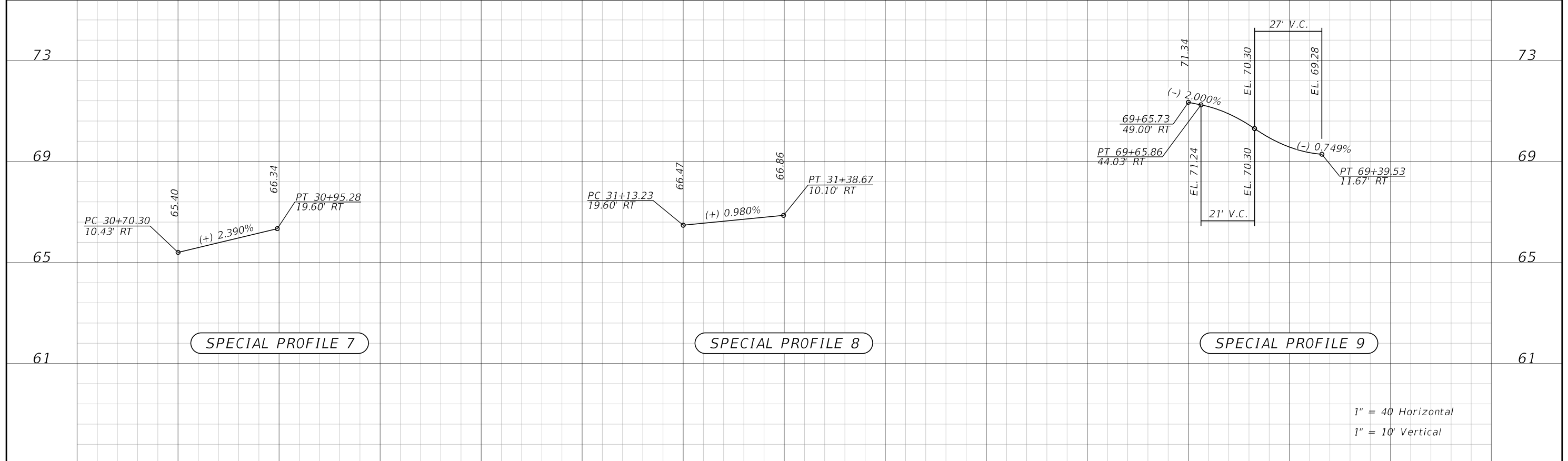


SPECIAL PROFILE 6

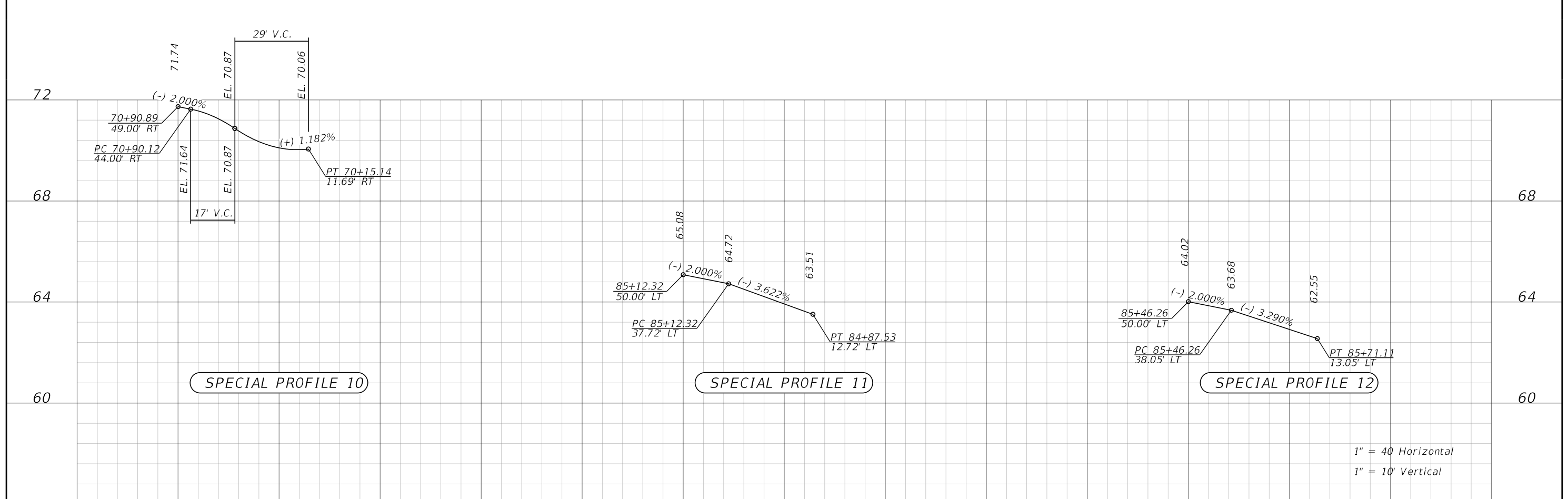
1" = 40 Horizontal
1" = 10' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 79
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

SPECIAL PROFILES (1)



1" = 40 Horizontal
1" = 10' Vertical

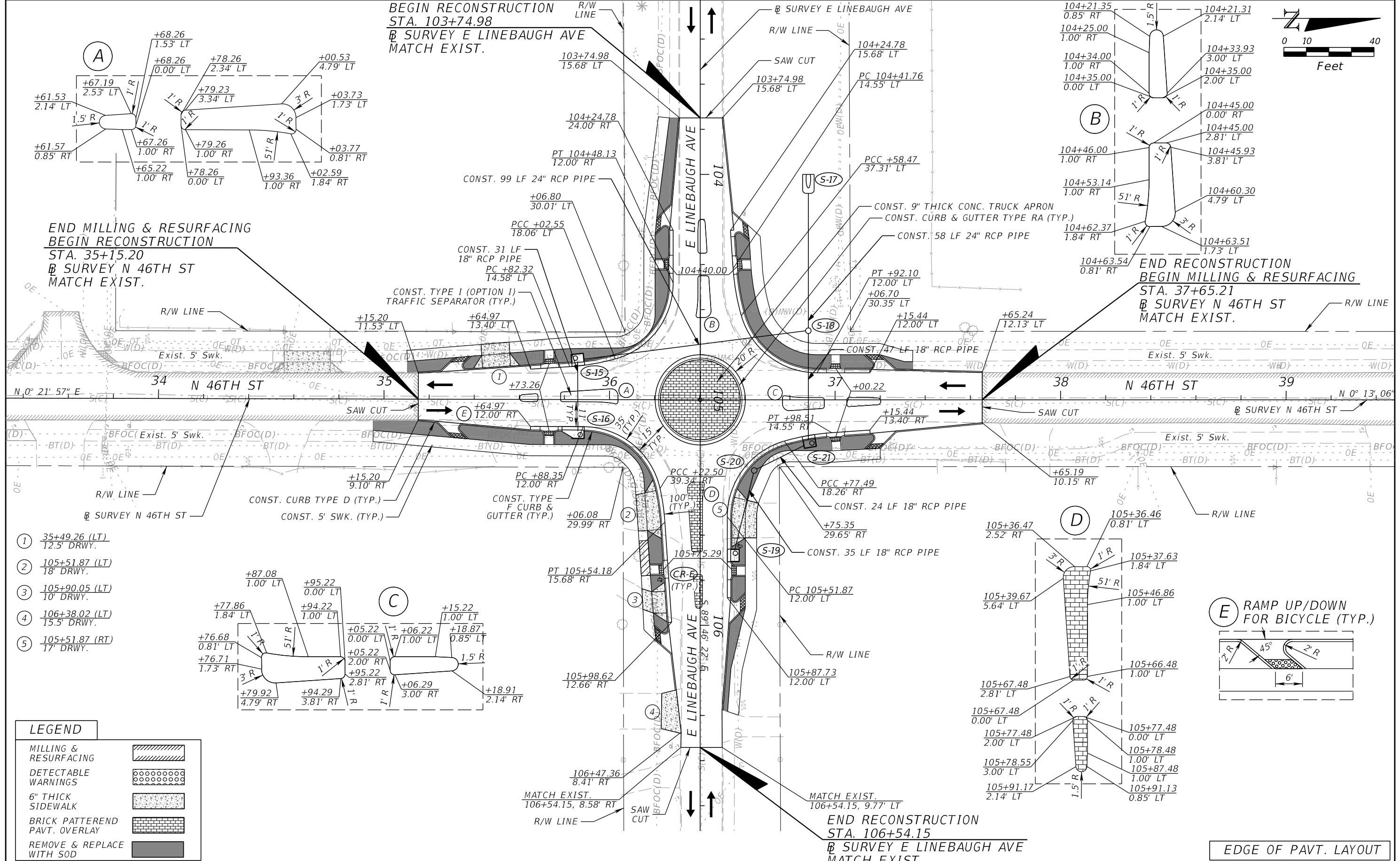
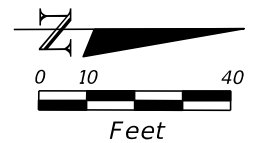


1" = 40 Horizontal
1" = 10' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	80

SPECIAL PROFILES (2)

BEGIN RECONSTRUCTION
STA. 103+74.98
@ SURVEY E LINEBAUGH AVE
MATCH EXIST.

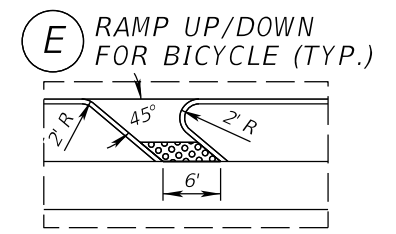
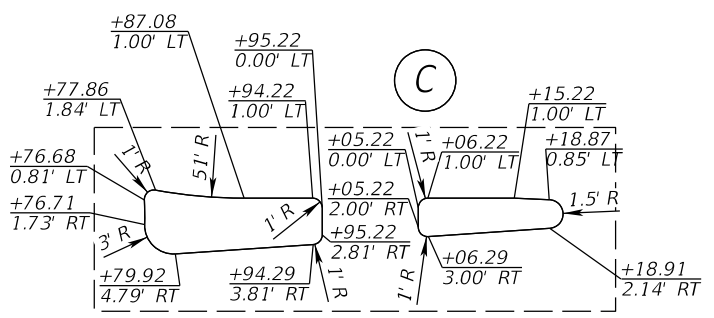


END MILLING & RESURFACING
BEGIN RECONSTRUCTION
STA. 35+15.20
@ SURVEY N 46TH ST
MATCH EXIST.

END RECONSTRUCTION
BEGIN MILLING & RESURFACING
STA. 37+65.21
@ SURVEY N 46TH ST
MATCH EXIST.

END RECONSTRUCTION
STA. 106+54.15
@ SURVEY E LINEBAUGH AVE
MATCH EXIST.

- ① 35+49.26 (LT)
12.5' DRWY.
- ② 105+51.87 (LT)
18' DRWY.
- ③ 105+90.05 (LT)
10' DRWY.
- ④ 106+38.02 (LT)
15.5' DRWY.
- ⑤ 105+51.87 (RT)
17' DRWY.



LEGEND	
MILLING & RESURFACING	
DETECTABLE WARNINGS	
6" THICK SIDEWALK	
BRICK PATTERNED PAVT. OVERLAY	
REMOVE & REPLACE WITH SOD	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

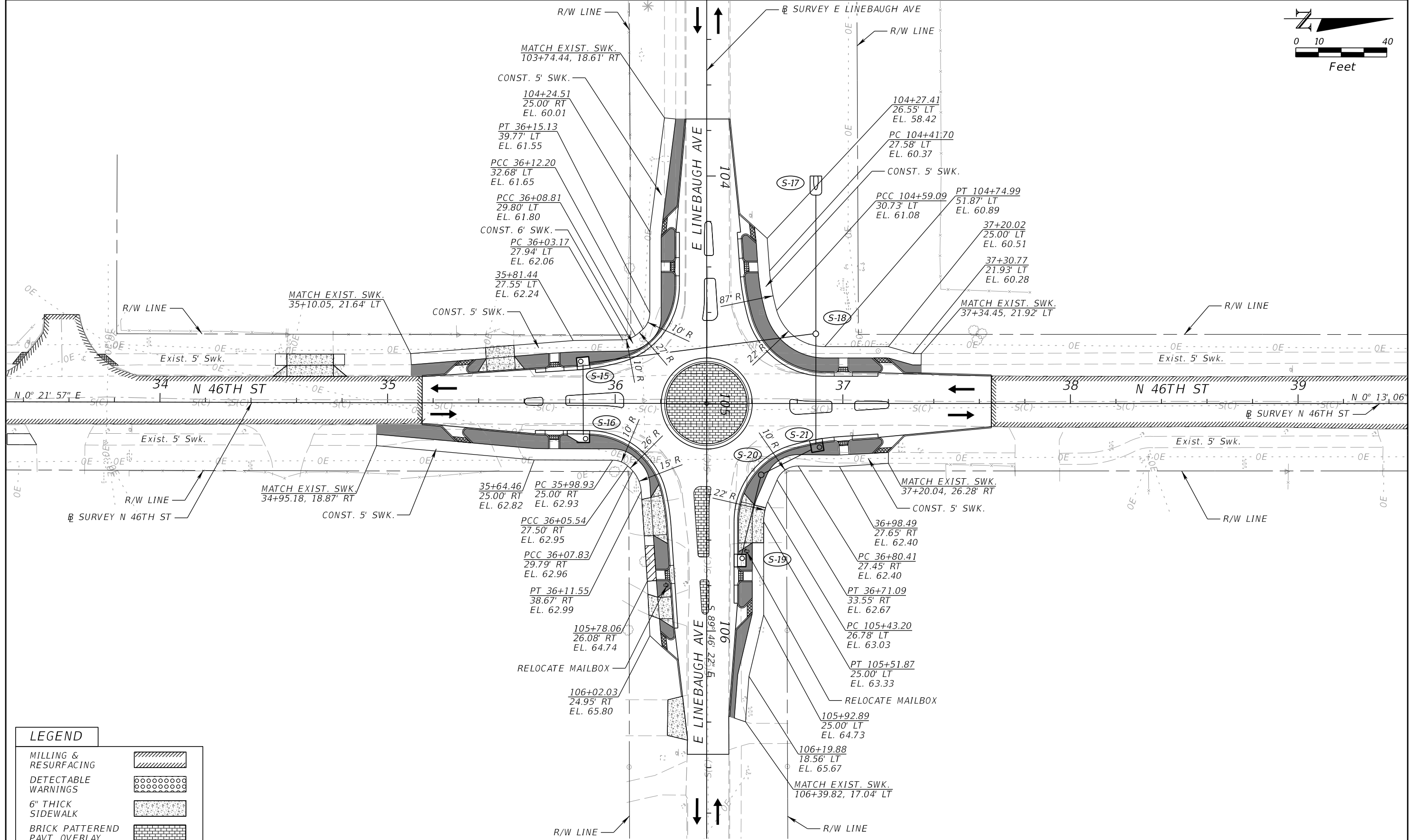
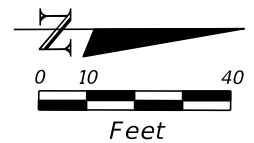
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

INTERSECTION LAYOUT (1)
N 46TH ST & E LINEBAUGH

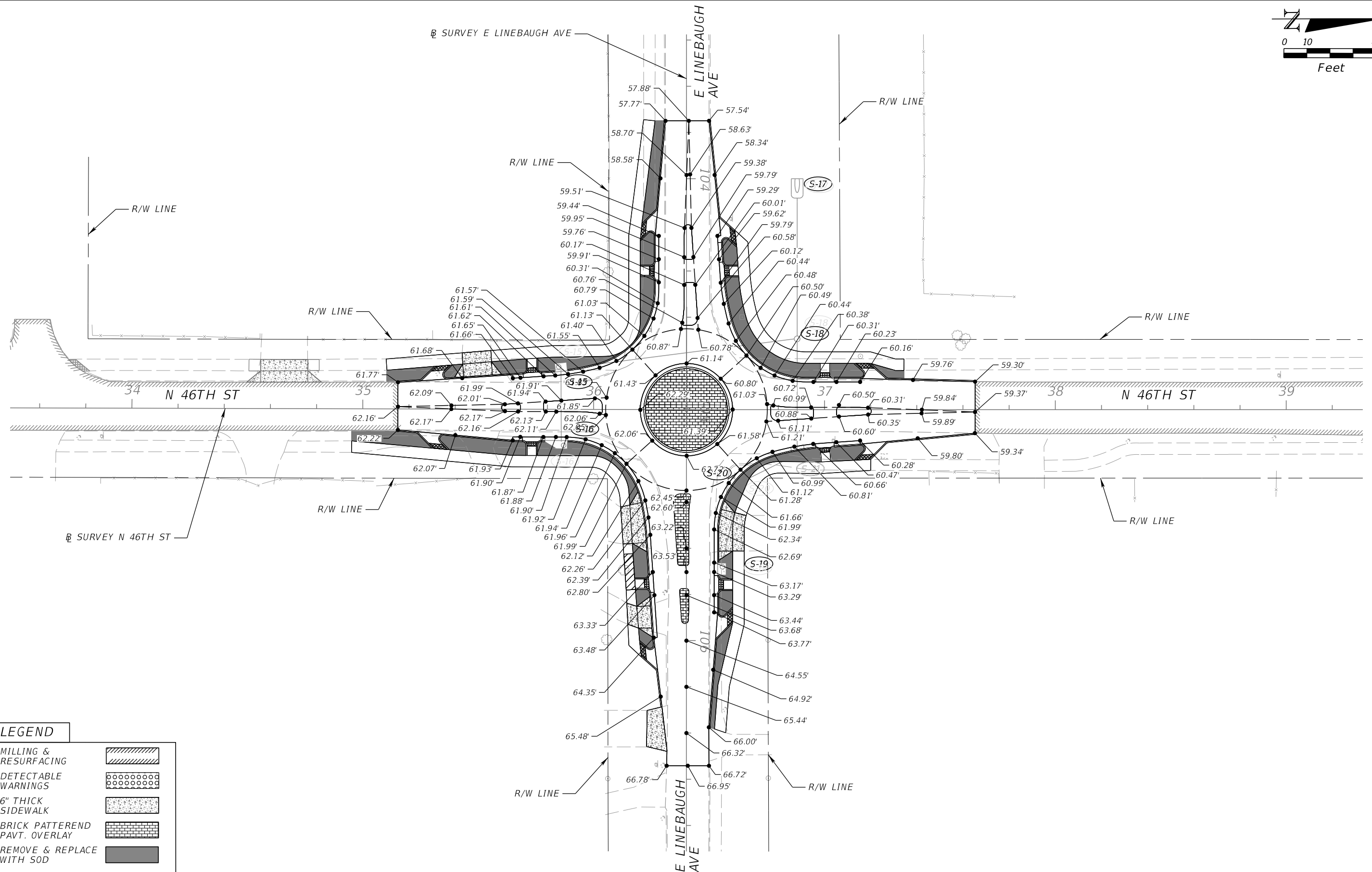
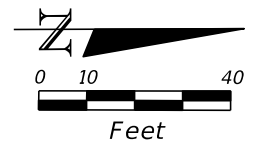
SHEET NO.
81

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



BACK OF SWK. LAYOUT

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			INTERSECTION LAYOUT (2) N 46TH ST & E LINEBAUGH	SHEET NO. 82
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		



LEGEND	
MILLING & RESURFACING	
DETECTABLE WARNINGS	
6" THICK SIDEWALK	
BRICK PATTERNED PAVT. OVERLAY	
REMOVE & REPLACE WITH SOD	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
 P.E. LICENSE NUMBER 39196
 AYRES ASSOCIATES
 8875 HIDDEN RIVER PKWY, SUITE 200
 TAMPA, FL 33637
 CERTIFICATE OF AUTHORIZATION 4356

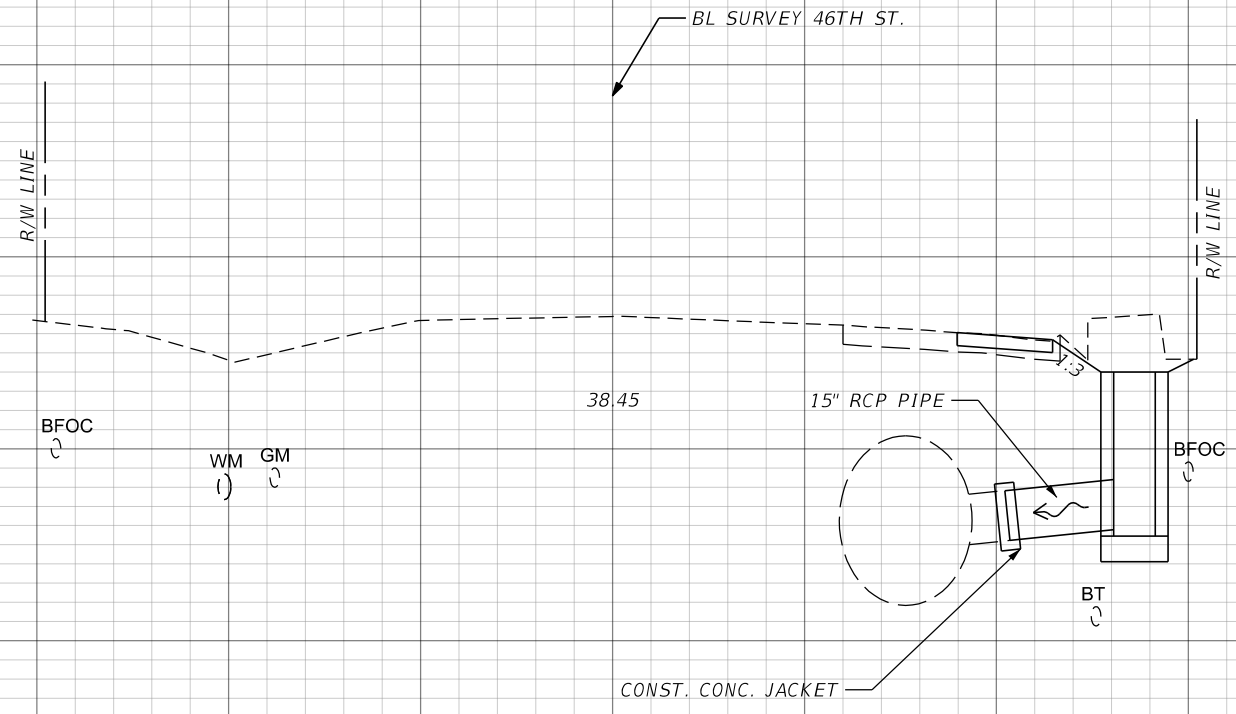
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

INTERSECTION DETAIL
N 46TH ST & E LINEBAUGH

SHEET NO.
83

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

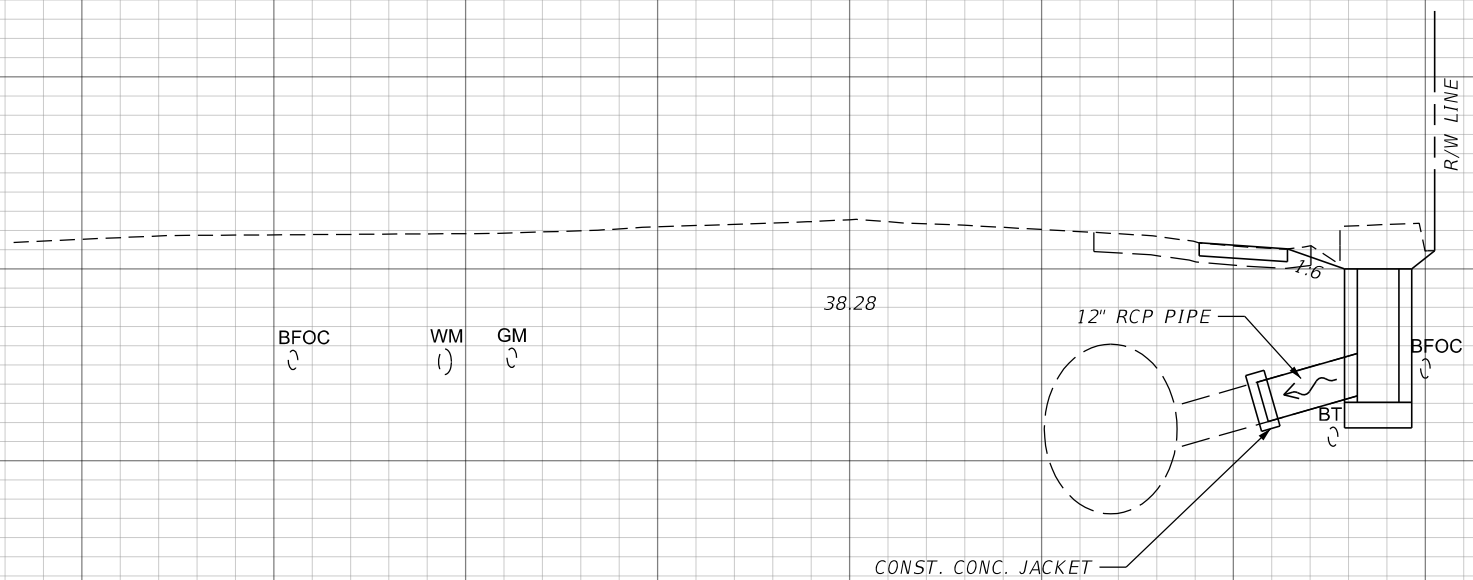
42
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S-2
STA. 16+19.68, 27.19' RT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET
RIM = 37.00'
(W) 15" INV = 32.89'

16+19.68 (S-2) (ST-13)

42
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S-1
STA. 15+27.33, 27.53' RT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET
RIM = 37.0'
(W) 12" INV = 33.69'

15+27.33 (S-1) (ST-9)

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

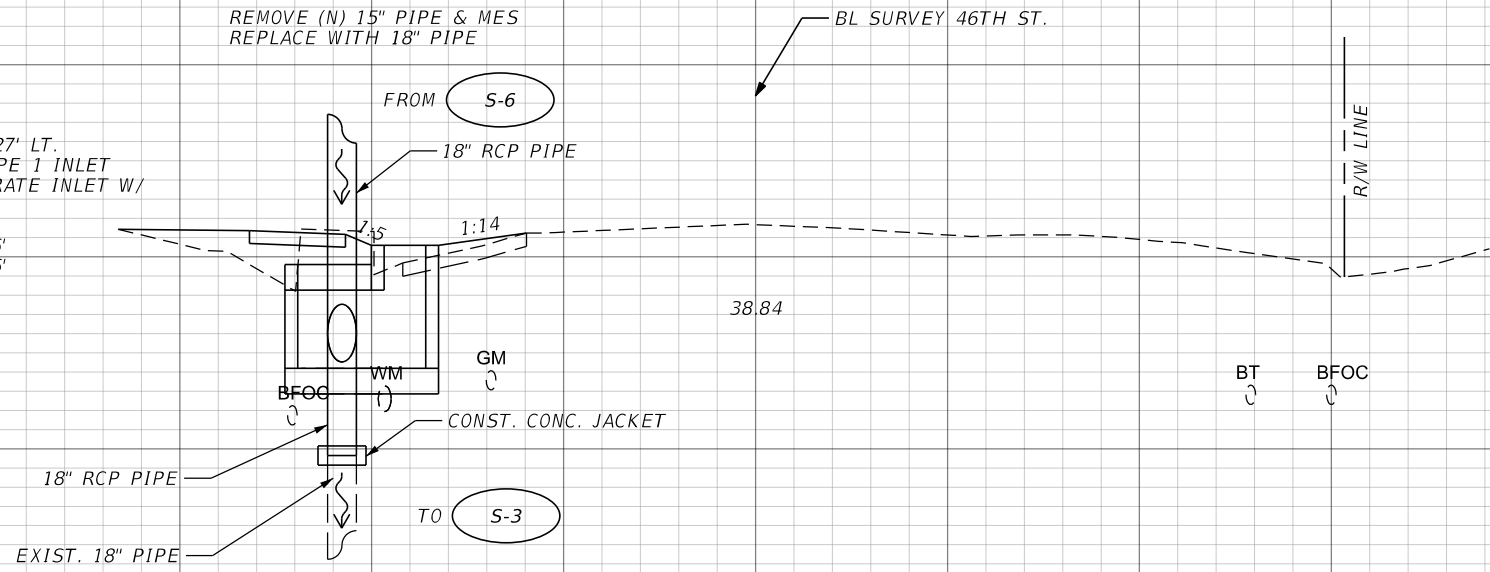
DRAINAGE STRUCTURES (1)

SHEET NO.
84

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

42
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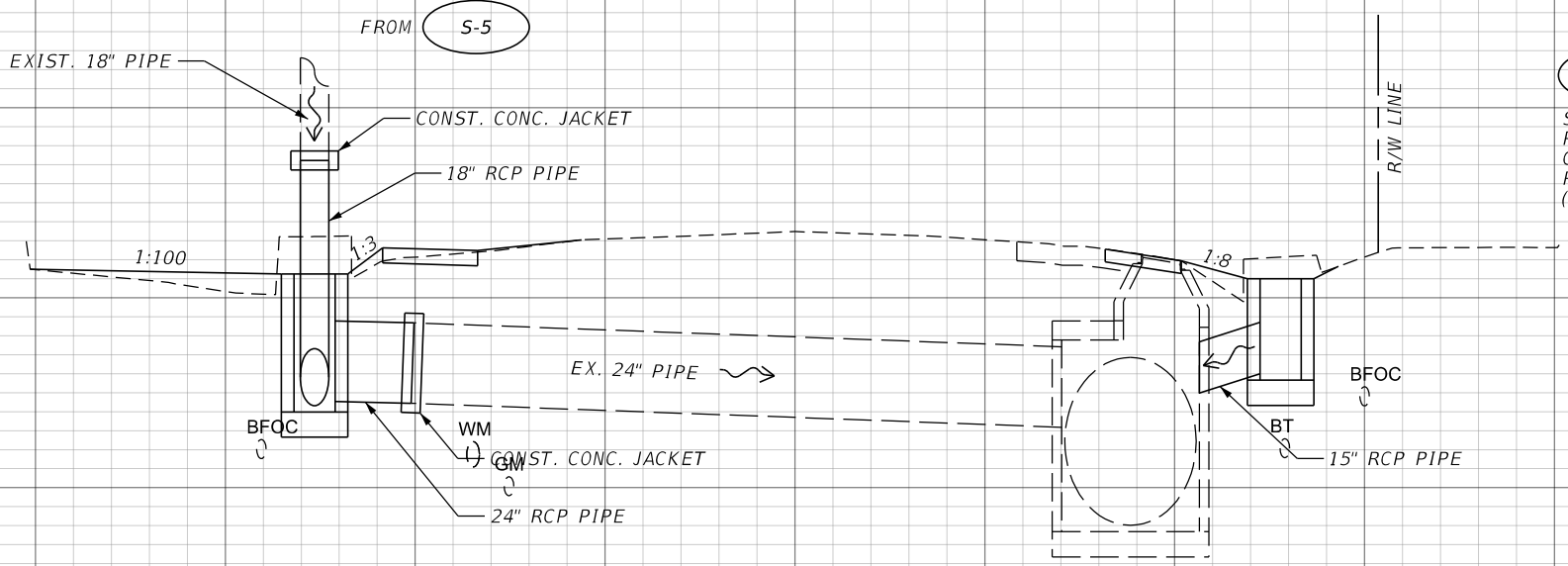
S-5
STA. 18+10.32, 18.27' LT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET W/
J BOTTOM (4'X8')
RIM = 38.30'
(N) 18" INV = 35.36'
(S) 18" INV = 35.26'



18+10.32 S-5 ST-19

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S-3
STA. 17+67.76, 25.30' LT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET
RIM = 37.50'
(N) 18" INV = 34.16'
(E) 24" INV = 34.28'



S-4
STA. 17+70.64, 25.58' RT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET
RIM = 37.50'
(W) 15" INV = 35.00'

17+67.76 S-4 ST-17
17+70.64 S-3 ST-16
S-3 ST-15

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835
9/23/2019 4:39:09 PM Rdxsrd_shg

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

DRAINAGE STRUCTURES (2)

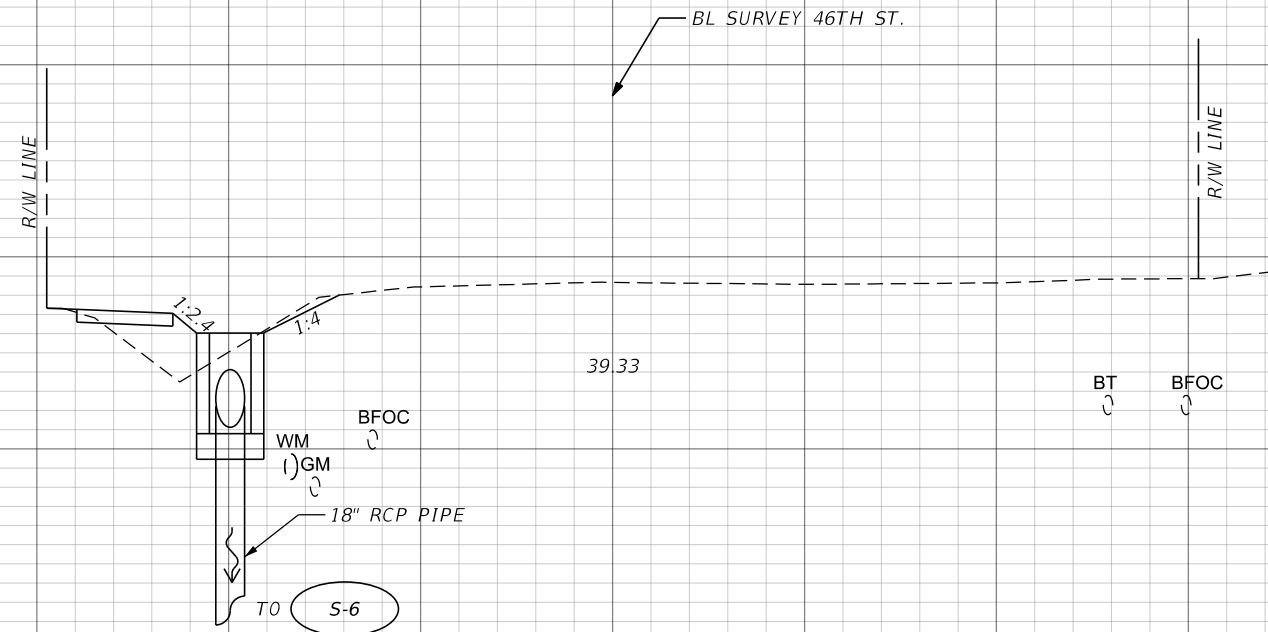
SHEET NO.
85

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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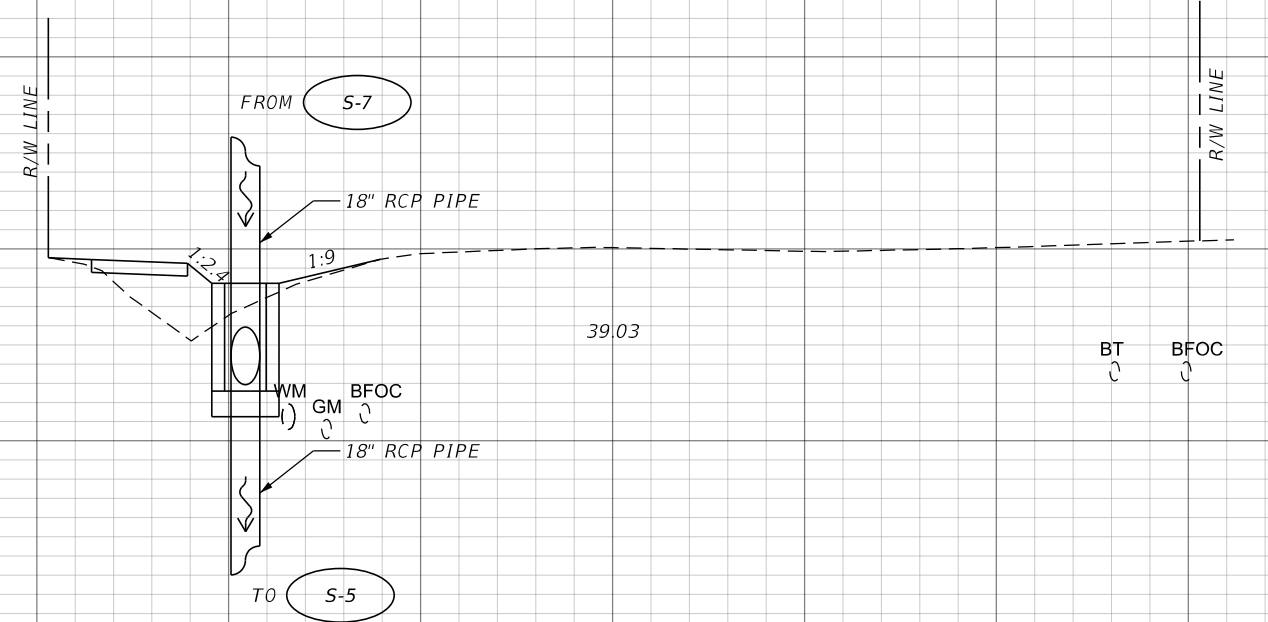
44
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S-7
STA. 19+46.83, 19.92' LT.
CONST. TYPE "T" GRATE INLET
RIM = 38.01'
(S) 18" INV = 35.56'



19+46.83 **S-7**

S-6
STA. 18+78.58, 19.14' LT.
CONST. TYPE "T" GRATE INLET
RIM = 38.10'
(N & S) 18" INV = 35.46'



18+78.58 **S-6**

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835

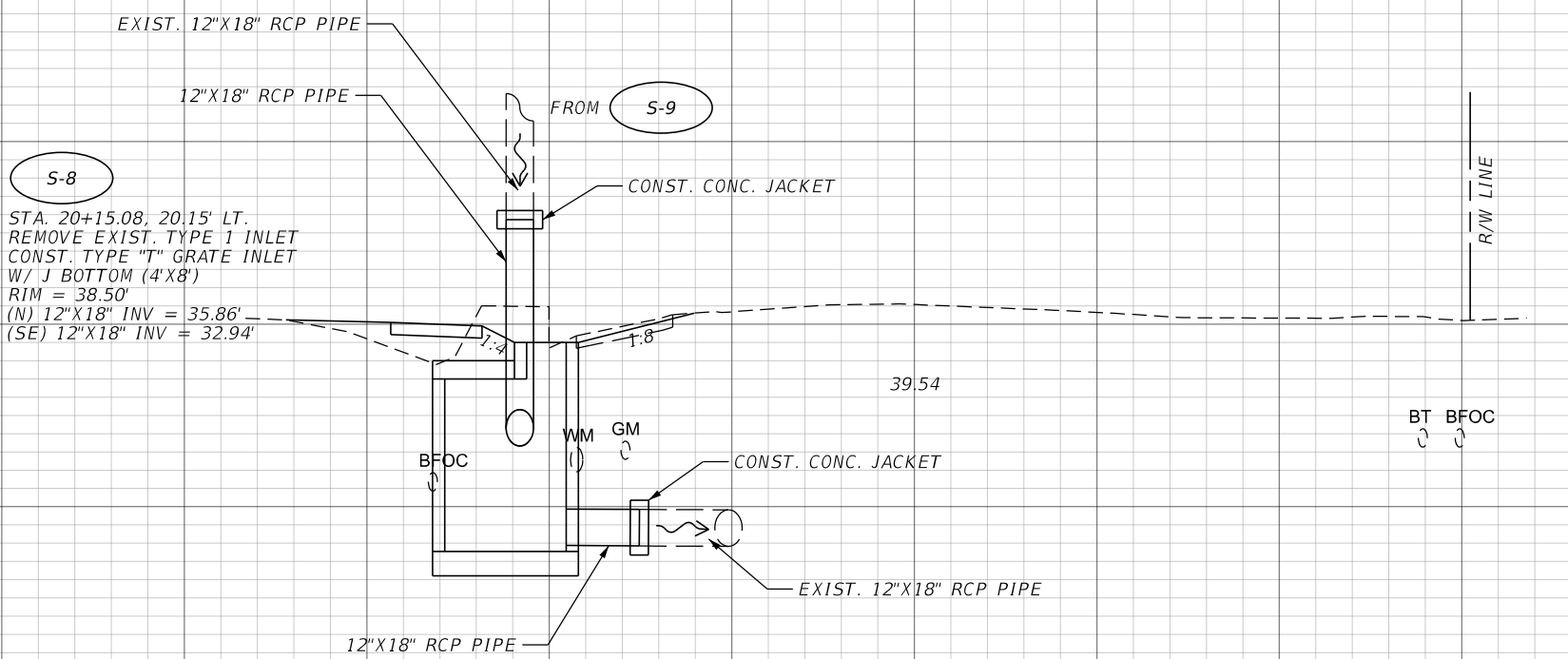
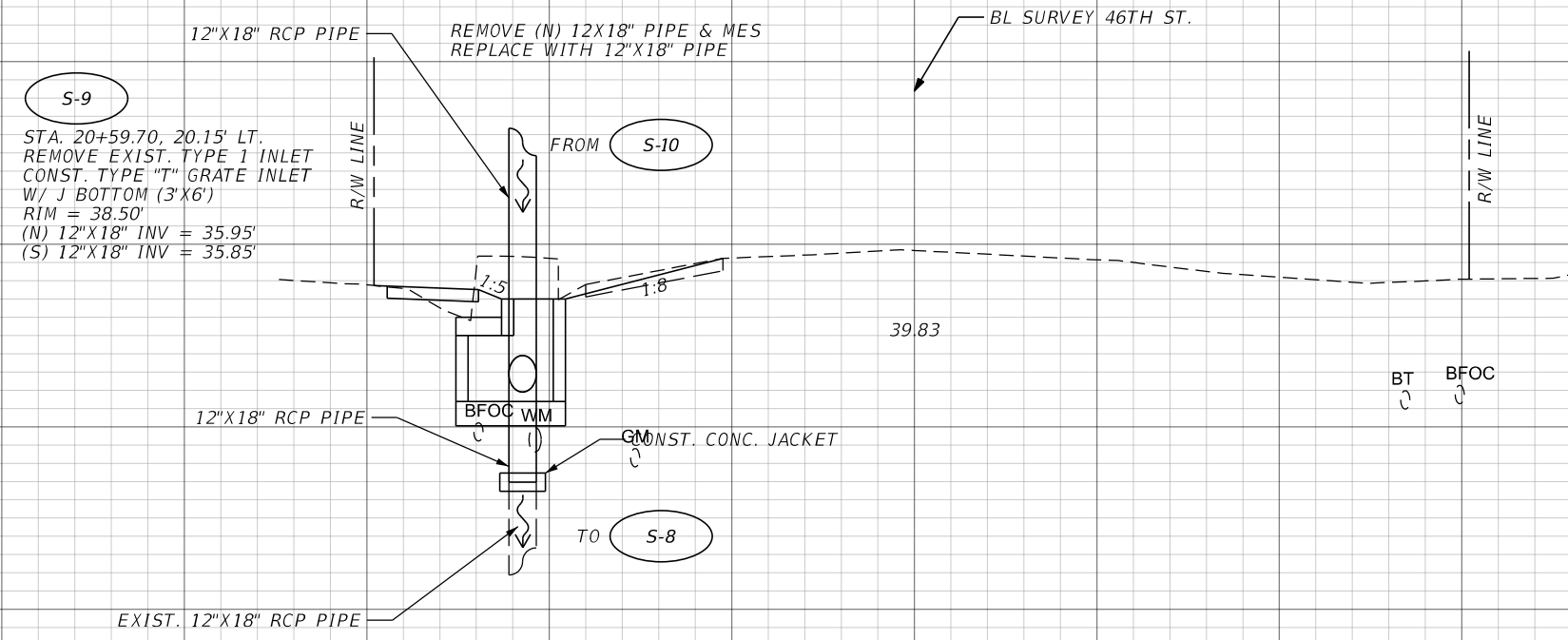
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

DRAINAGE STRUCTURES (3)

SHEET NO.
86

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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20+59.70 (S-9) (ST-25)

20+15.08 (S-8) (ST-24)

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835
9/23/2019 4:39:10 PM Rdxsrd_shg

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

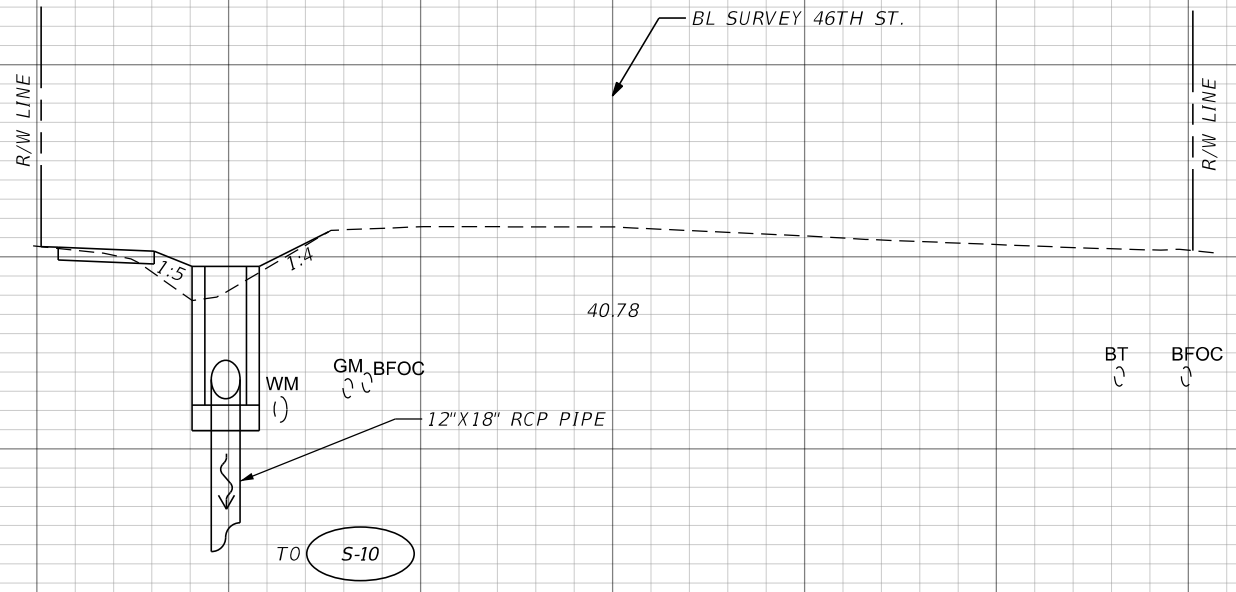
DRAINAGE STRUCTURES (4)

SHEET NO.
87

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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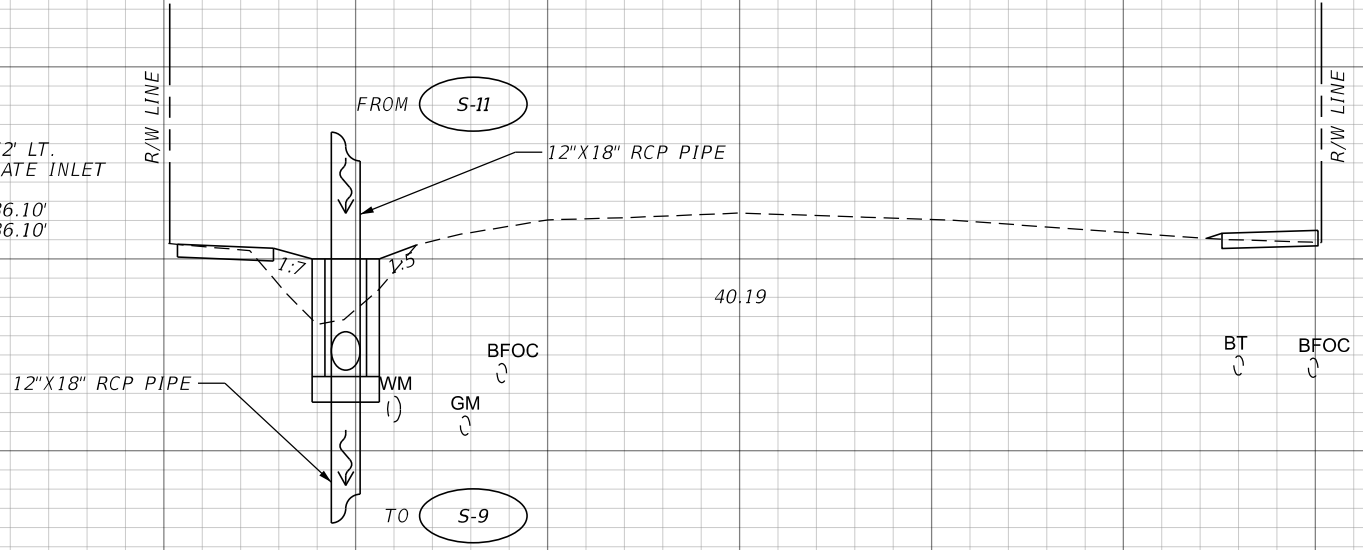
S-11
 STA. 22+18.26, 20.15' LT.
 CONST. TYPE "T" GRATE INLET
 RIM = 39.75'
 (N) 12"X18" INV = 36.30'
 (S) 12"X18" INV = 36.30'



22+18.26 **S-11**

42
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S-10
 STA. 21+38.98, 20.52' LT.
 CONST. TYPE "T" GRATE INLET
 RIM = 39.00'
 (N) 12"X18" INV = 36.10'
 (S) 12"X18" INV = 36.10'



21+38.98 **S-10**

SCALE
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
 P.E. LICENSE NUMBER 52144
 BES, INC.
 11007 N. 56TH ST. SUITE 208
 TEMPLE TERRACE, FL 33617
 CERTIFICATE OF AUTHORIZATION 9835

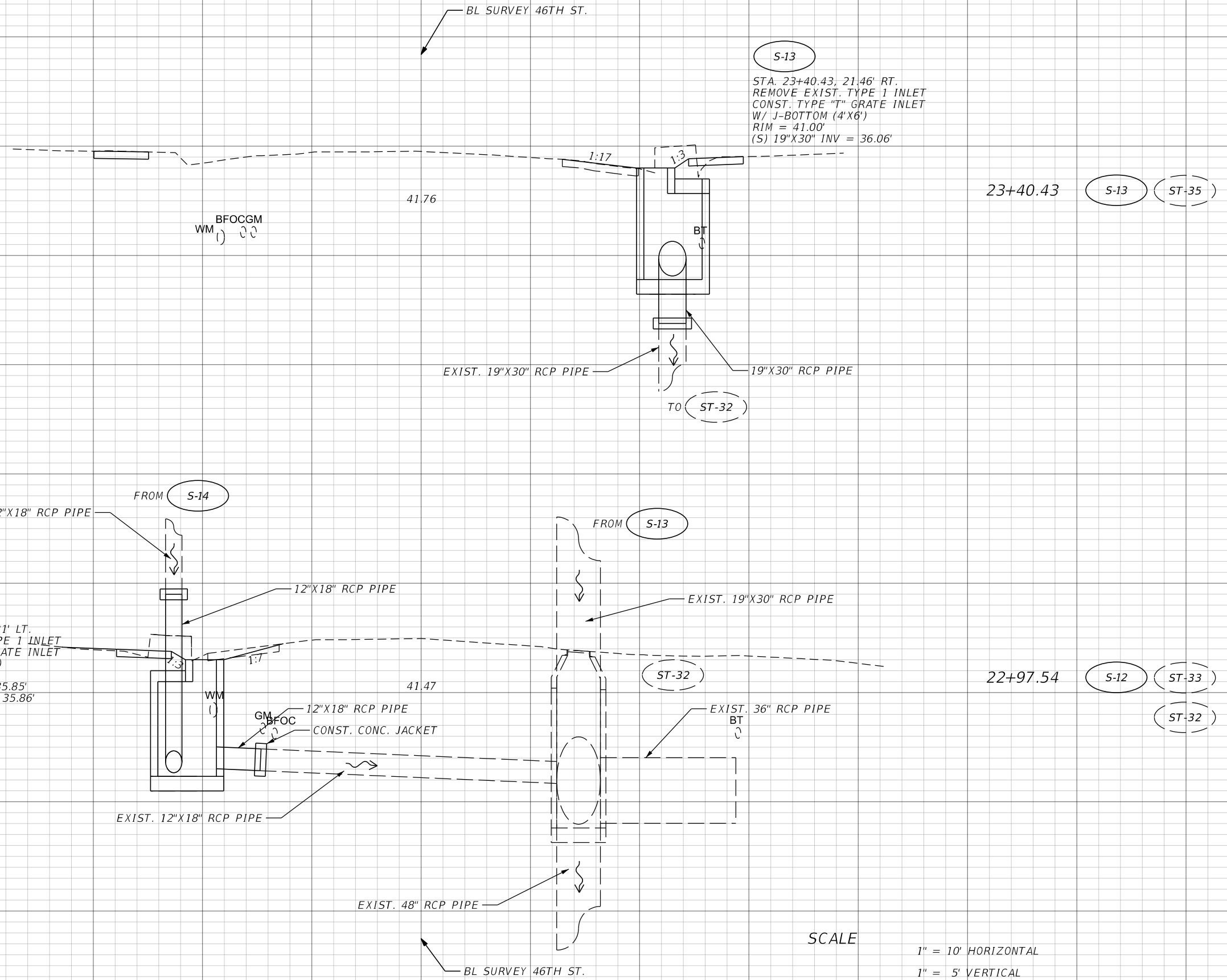
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

DRAINAGE STRUCTURES (5)

SHEET NO.
88

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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SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

DRAINAGE STRUCTURES (6)

SHEET NO.
89

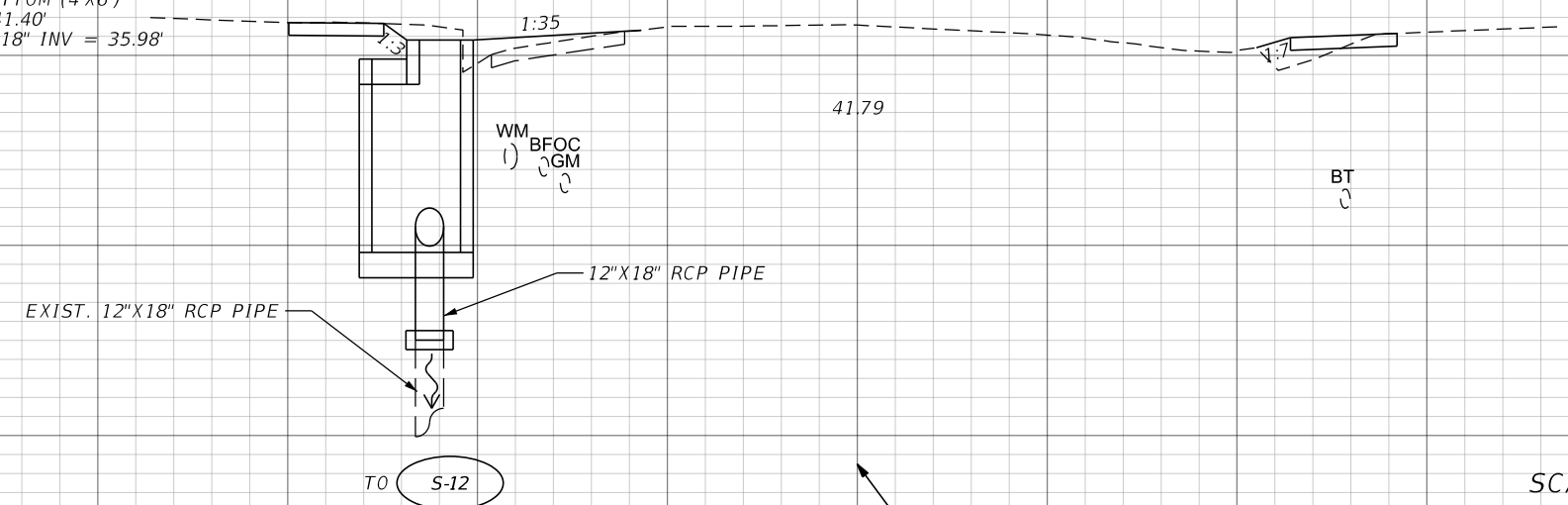
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BL SURVEY 46TH ST.

44
42
40
38
36
34
32

S-14

STA. 23+46.18, 21.98' LT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET
W/ J-BOTTOM (4'X6')
RIM = 41.40'
(S) 12"X18" INV = 35.98'



23+46.18

S-14

ST-34

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

BL SURVEY 46TH ST.

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS				THOMAS J. WARD, P.E. P.E. LICENSE NUMBER 52144 BES, INC. 11007 N. 56TH ST. SUITE 208 TEMPLE TERRACE, FL 33617 CERTIFICATE OF AUTHORIZATION 9835	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 90
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID	
					18-D-00007	HILLSBOROUGH	437246-1-58-01	

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

66
64
62
60
58
56
54
64
62
60
58
56
66
64
62
60
58
56
54

S-17
STA. 104+06.00, 49.93' LT.
B SURVEY E. LINEBAUGH AVE.
CONST. 24" MES
INV. = 55.60'

S-18
STA. 36+88.17, 30.64' LT.
INSTALL COT STANDARD MANHOLE FRAME AND COVER
CONST. MANHOLE TYPE P-8 ALT. B (CIP)
INDEXES 425-001 AND 425-010
RIM ELEV. = 61.58'
(SE) 24" INV. = 56.00'
(E) 18" INV. = 56.60'
(W) 24" INV. = 56.00'

S-15
STA. 35+86.00, 18.18' LT.
CONST. TYPE 1 INLET
EOP ELEV. = 61.65'
(NW) 24" INV. = 57.70'
(E) 18" INV. = 57.70'

S-20
STA. 36+64.14, 31.31' RT.
INSTALL COT STANDARD
MANHOLE FRAME AND COVER
CONST. MANHOLE TYPE P-8 (CIP)
INDEXES 425-001 AND 425-010
RIM ELEV. = 62.21'
(NW) 18" INV. = 57.20'
(E) 18" INV. = 57.20'

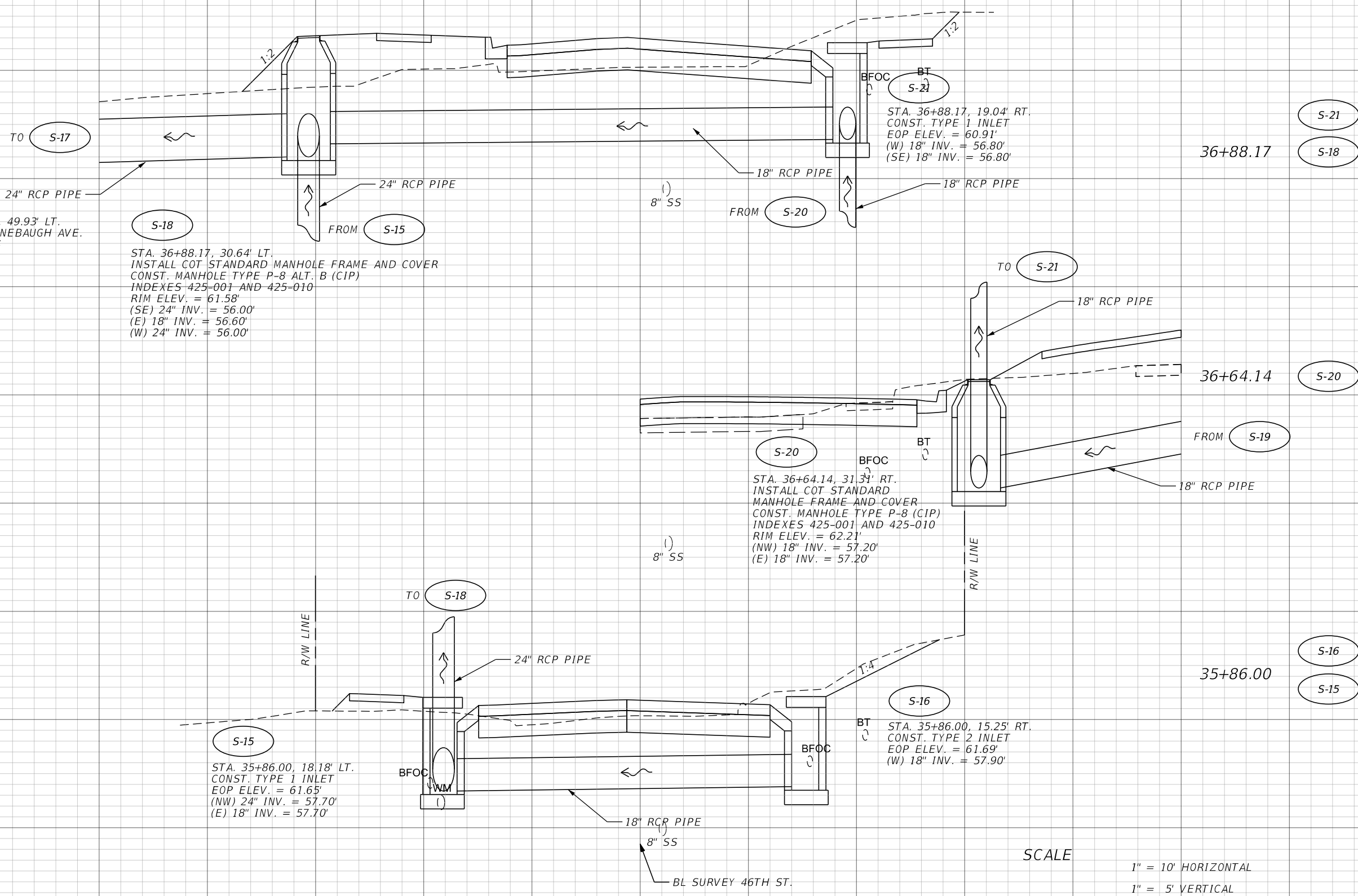
S-16
STA. 35+86.00, 15.25' RT.
CONST. TYPE 2 INLET
EOP ELEV. = 61.69'
(W) 18" INV. = 57.90'

S-21
STA. 36+88.17, 19.04' RT.
CONST. TYPE 1 INLET
EOP ELEV. = 60.91'
(W) 18" INV. = 56.80'
(SE) 18" INV. = 56.80'

36+88.17

36+64.14

35+86.00



SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835
9/23/2019 4:39:10 PM Rdxsrd_shg

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

DRAINAGE STRUCTURES (8)

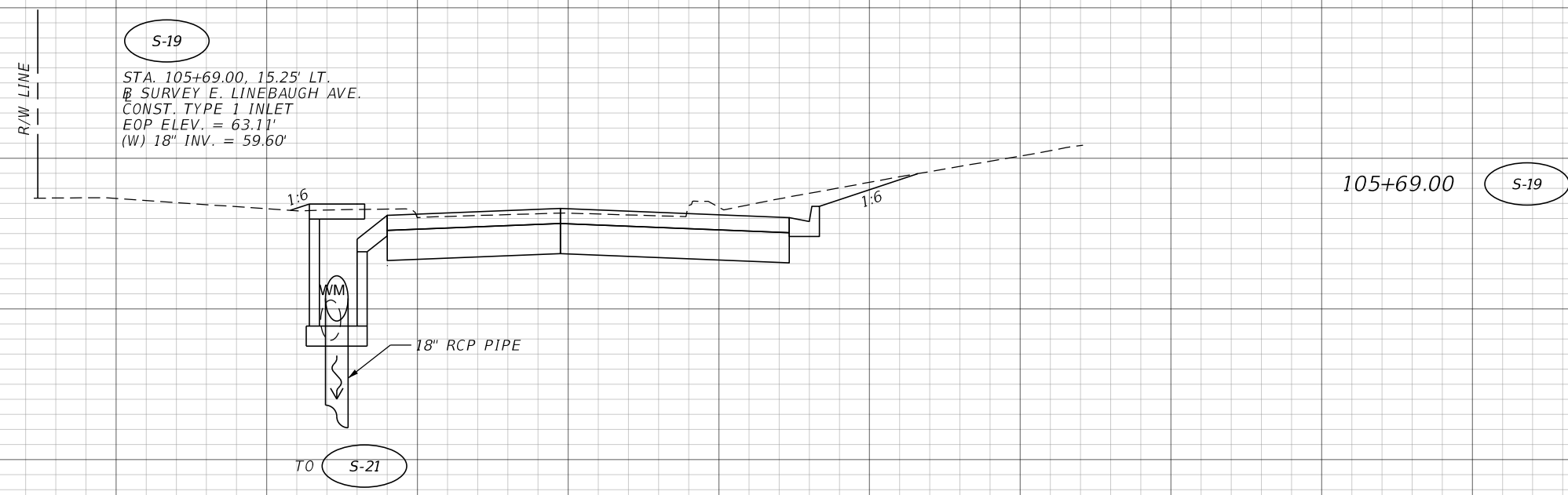
SHEET NO.
91

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BL SURVEY LINEBAUGH AVE.

BL SURVEY LINEBAUGH AVE.

68
66
64
62
60
58
56
54



S-19
STA. 105+69.00, 15.25' LT.
BL SURVEY E. LINEBAUGH AVE.
CONST. TYPE 1 INLET
EOP ELEV. = 63.11'
(W) 18" INV. = 59.60'

105+69.00 S-19

TO S-21

18" RCP PIPE

1:6

1:6

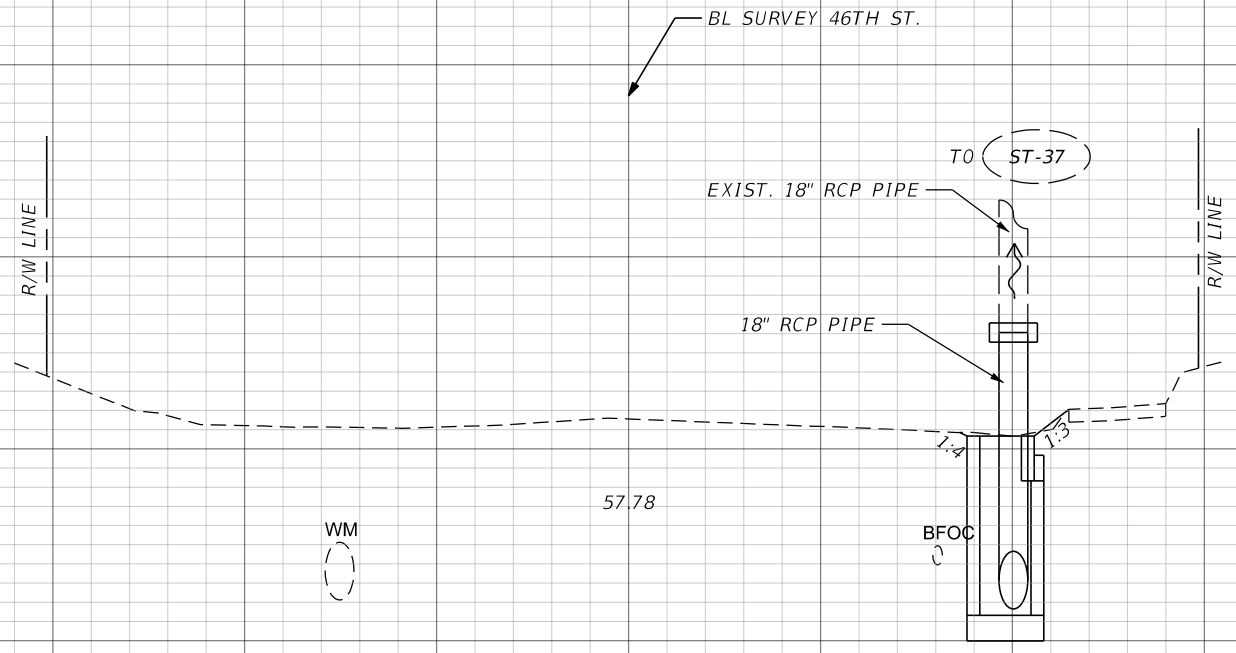
R/W LINE

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS				THOMAS J. WARD, P.E. P.E. LICENSE NUMBER 52144 BES, INC. 11007 N. 56TH ST. SUITE 208 TEMPLE TERRACE, FL 33617 CERTIFICATE OF AUTHORIZATION 9835 9/23/2019 4:39:10 PM Rdxsrd_shg	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRAINAGE STRUCTURES (9)	SHEET NO. 92
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID		
					18-D-00007	HILLSBOROUGH	437246-1-58-01		

66
64
62
60
58
56
54
52



S-22
STA. 42+77.83, 19.38' RT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE "T" GRATE INLET
W/ J-BOTTOM (4'X4')
RIM = 57.33'
(NW) 18" INV = 52.83'

42+77.83 S-22 ST-36

57.78

WM

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

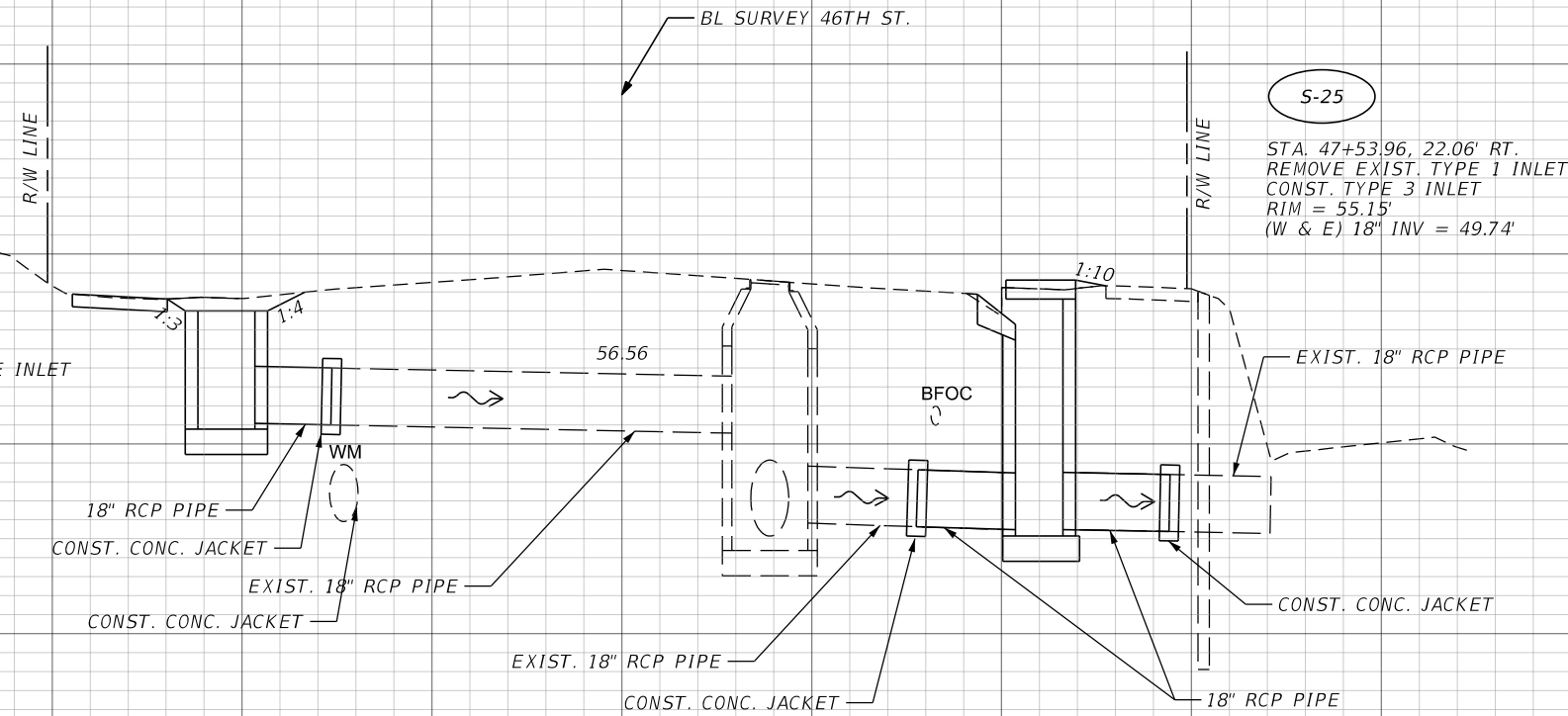
DRAINAGE STRUCTURES (10)

SHEET NO.
93

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60
58
56
54
52
50
48

62
60
58
56
54
52
50

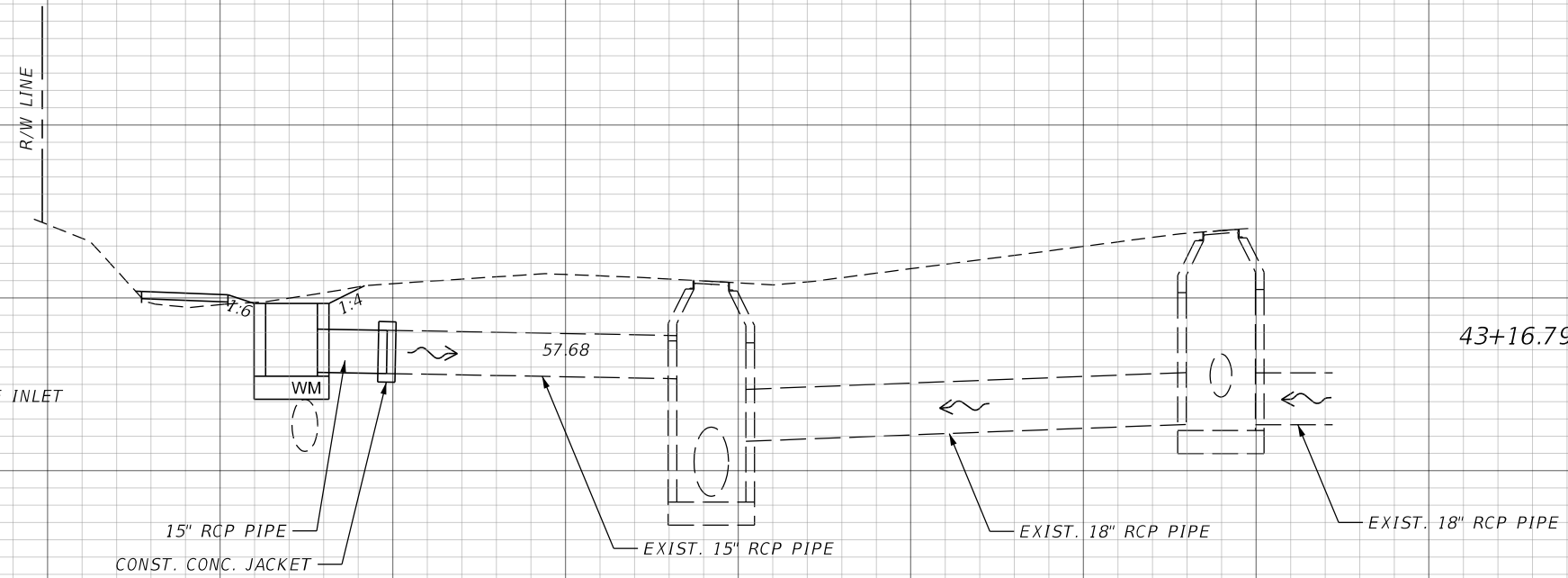


S-24
STA. 47+49.44, 20.83' LT.
REMOVE EXIST. TYPE "H" GRATE INLET
CONST. TYPE "H" GRATE INLET
RIM = 55.50'
(E) 18" INV = 52.55'

S-25
STA. 47+53.96, 22.06' RT.
REMOVE EXIST. TYPE 1 INLET
CONST. TYPE 3 INLET
RIM = 55.15'
(W & E) 18" INV = 49.74'

S-24 (ST-45)
(ST-46)
S-25 (ST-47)
(ST-48)

47+49.44
47+53.96



S-23
STA. 43+16.79, 21.75' LT.
REMOVE EXIST. TYPE "E" GRATE INLET
CONST. TYPE "E" GRATE INLET
RIM = 56.84'
(SE) 15" INV = 54.90'

S-23 (ST-38)
(ST-37)
(ST-39)

43+16.79

SCALE
1" = 10' HORIZONTAL
1" = 5' VERTICAL

70 60 50 40 30 20 10 0 10 20 30 40 50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

THOMAS J. WARD, P.E.
P.E. LICENSE NUMBER 52144
BES, INC.
11007 N. 56TH ST. SUITE 208
TEMPLE TERRACE, FL 33617
CERTIFICATE OF AUTHORIZATION 9835
9/23/2019 4:39:10 PM Rdxsrd_shg

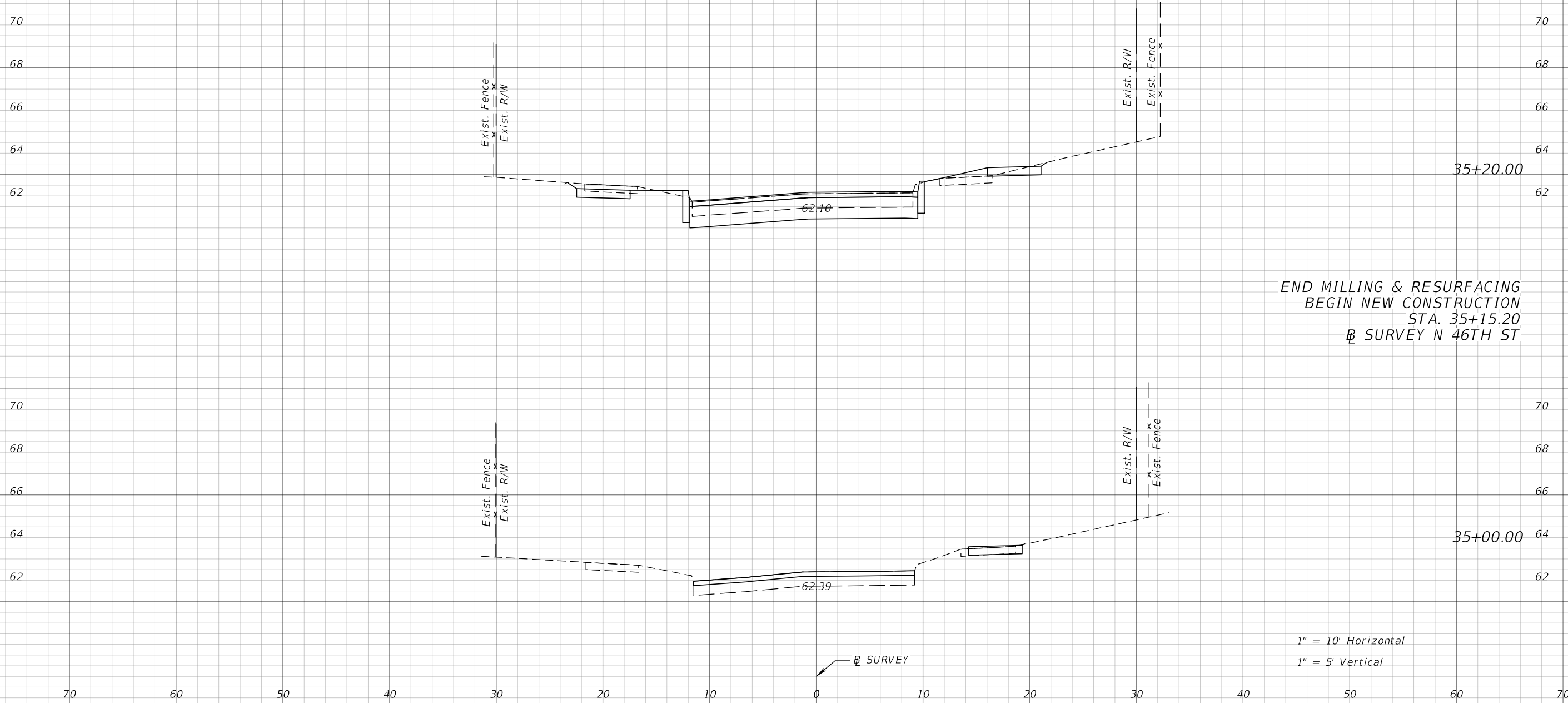
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY CONTRACT NO.	COUNTY	FINANCIAL PROJECT ID
18-D-00007	HILLSBOROUGH	437246-1-58-01

DRAINAGE STRUCTURES (11)

SHEET NO.
94

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⊞ SURVEY



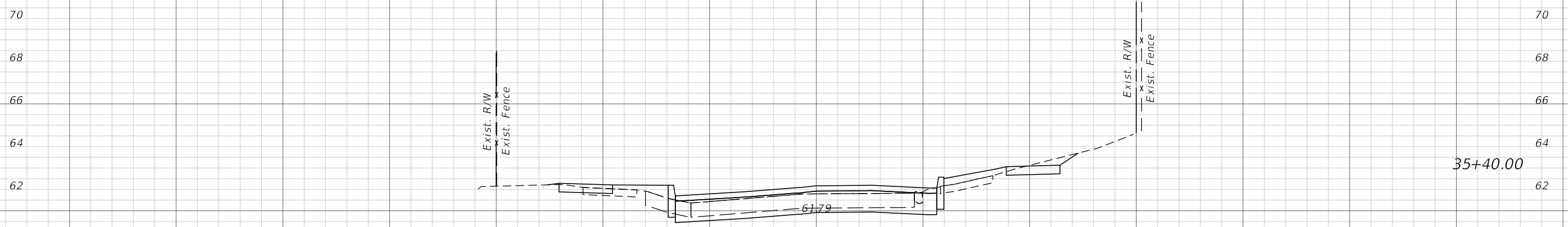
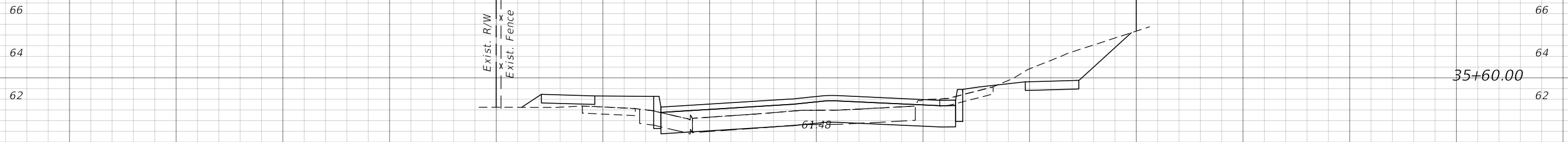
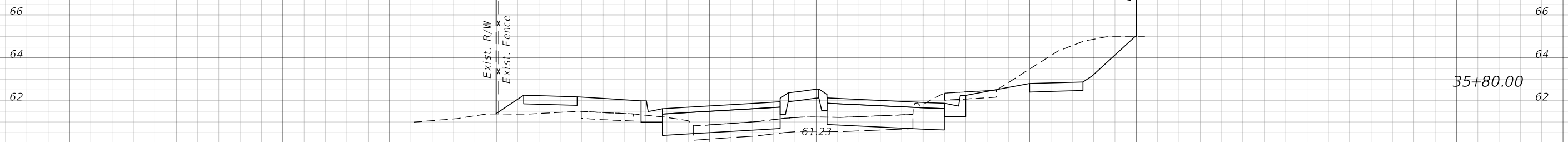
END MILLING & RESURFACING
 BEGIN NEW CONSTRUCTION
 STA. 35+15.20
 ⊞ SURVEY N 46TH ST

1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			CROSS SECTIONS N 46TH ST	SHEET NO. 95
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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⊞ SURVEY



⊞ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

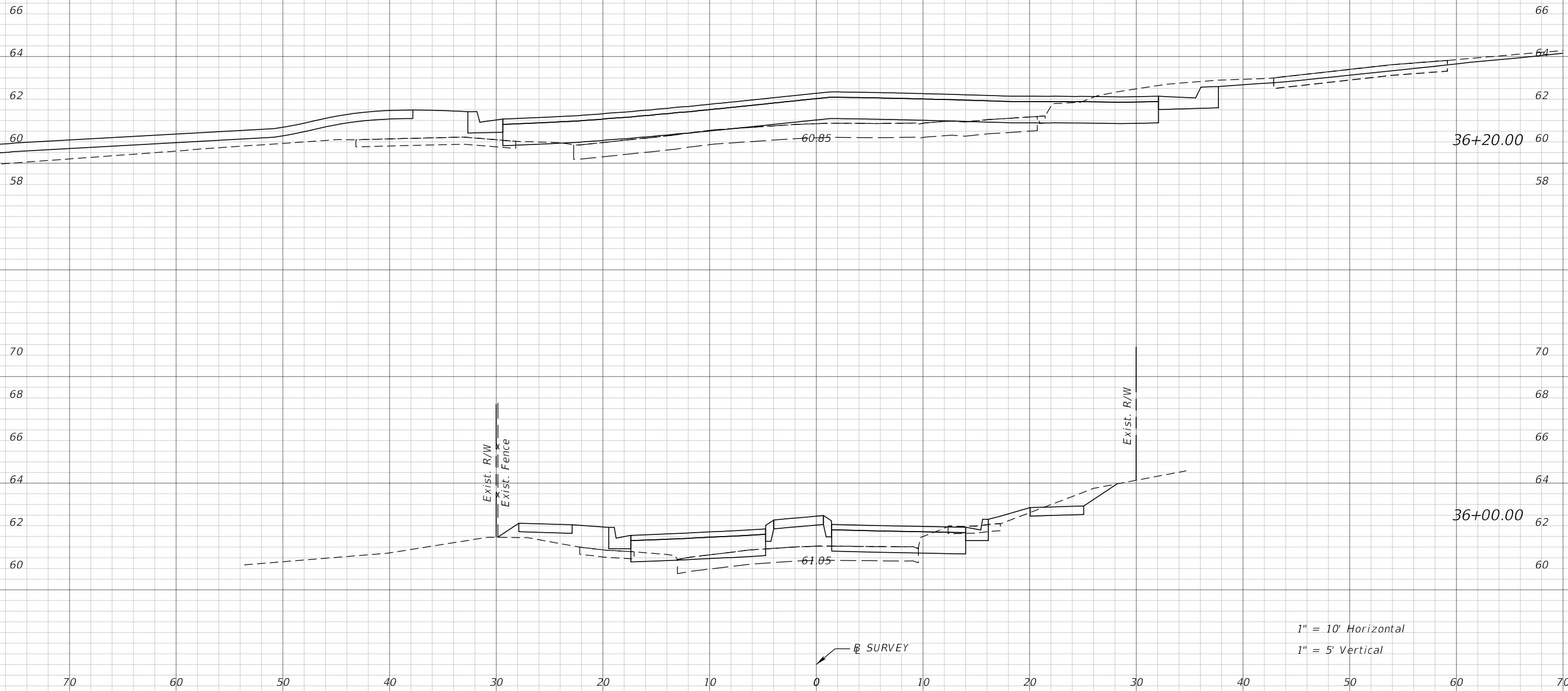
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

CROSS SECTIONS
N 46TH ST

SHEET NO.
96

Ⓡ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

Ⓡ SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

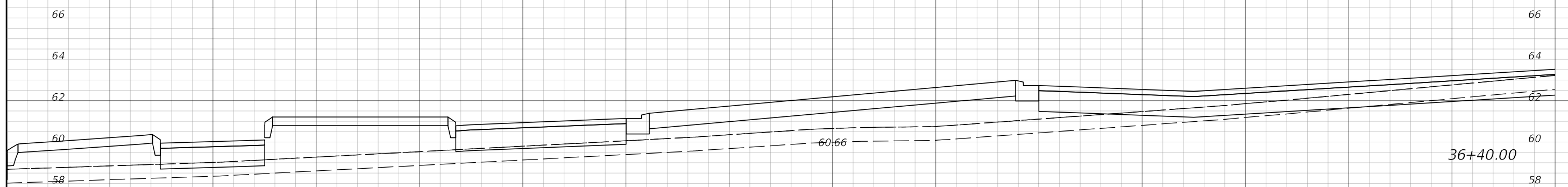
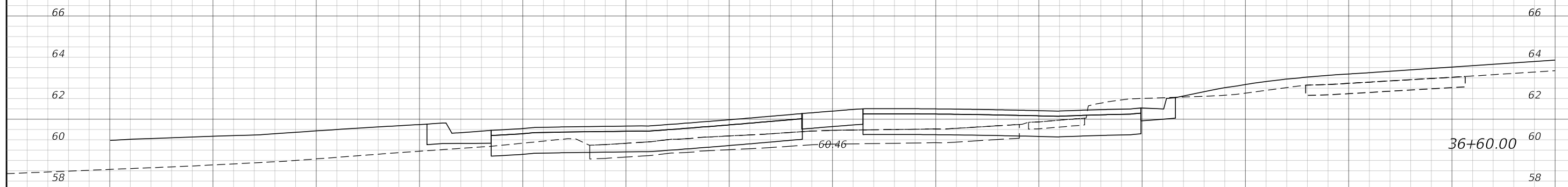
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

CROSS SECTIONS
N 46TH ST

SHEET NO.
97

← SURVEY



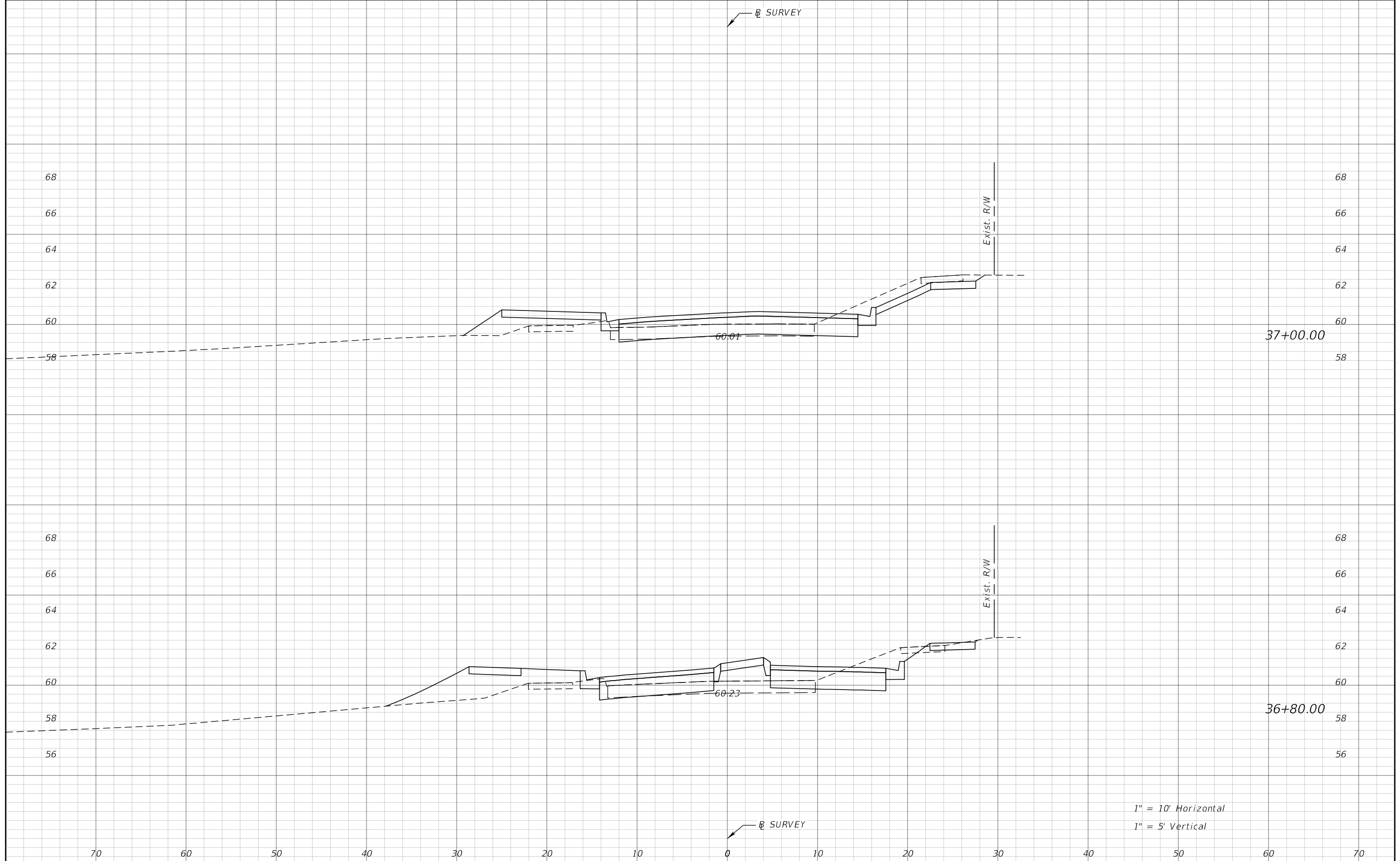
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DATE		DESCRIPTION	

JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356			CITY OF TAMPA TRANSPORTATION DEPARTMENT			CROSS SECTIONS N 46TH ST	SHEET NO.
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID					
1001220	HILLSBOROUGH	437246-1-58-01					

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Ⓢ SURVEY



Exist. R/W

Exist. R/W

60.01

60.23

37+00.00

36+80.00

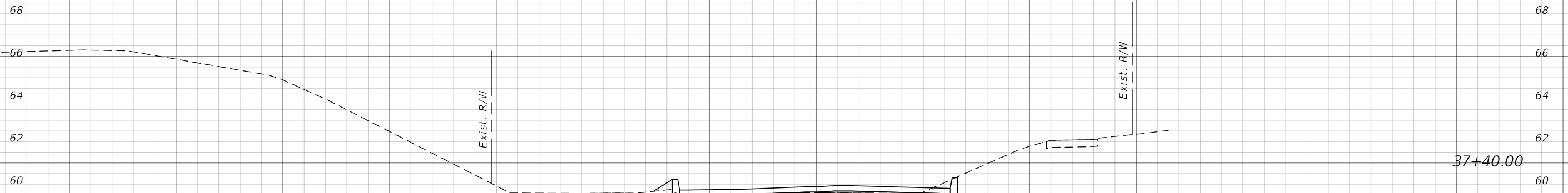
1" = 10' Horizontal
1" = 5' Vertical

Ⓢ SURVEY

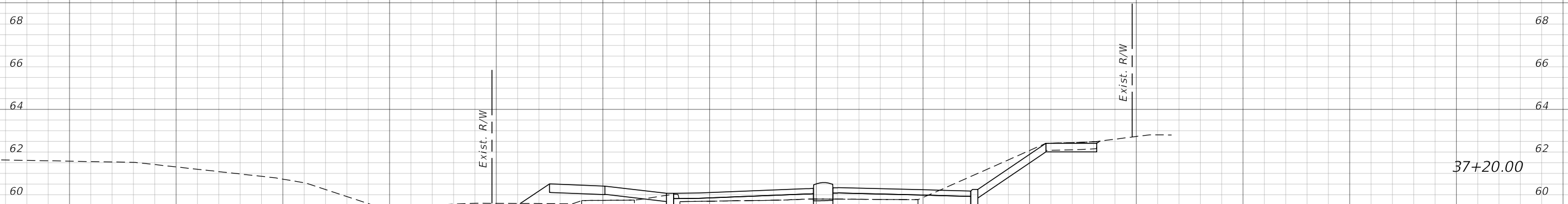
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 99
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
				1001220	HILLSBOROUGH	437246-1-58-01		

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⊞ SURVEY



37+40.00



37+20.00

1" = 10' Horizontal
1" = 5' Vertical

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

CROSS SECTIONS
N 46TH ST

SHEET NO.
100

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⊕ SURVEY



37+80.00

END NEW CONSTRUCTION
 BEGIN MILLING & RESURFACING
 STA. 37+65.21
 ⊕ SURVEY N 46TH ST



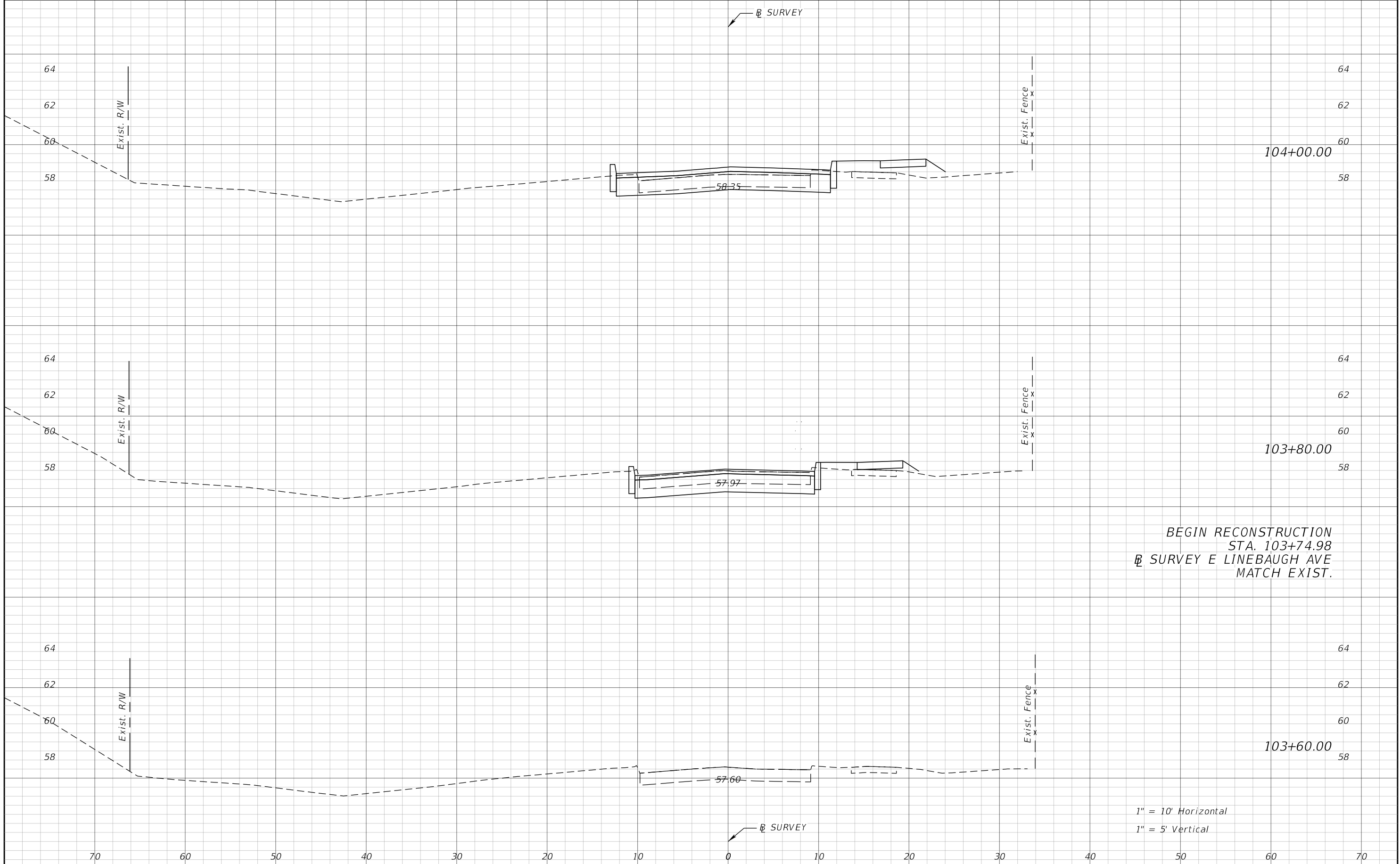
37+60.00

1" = 10' Horizontal
 1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			CROSS SECTIONS N 46TH ST	SHEET NO. 101
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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

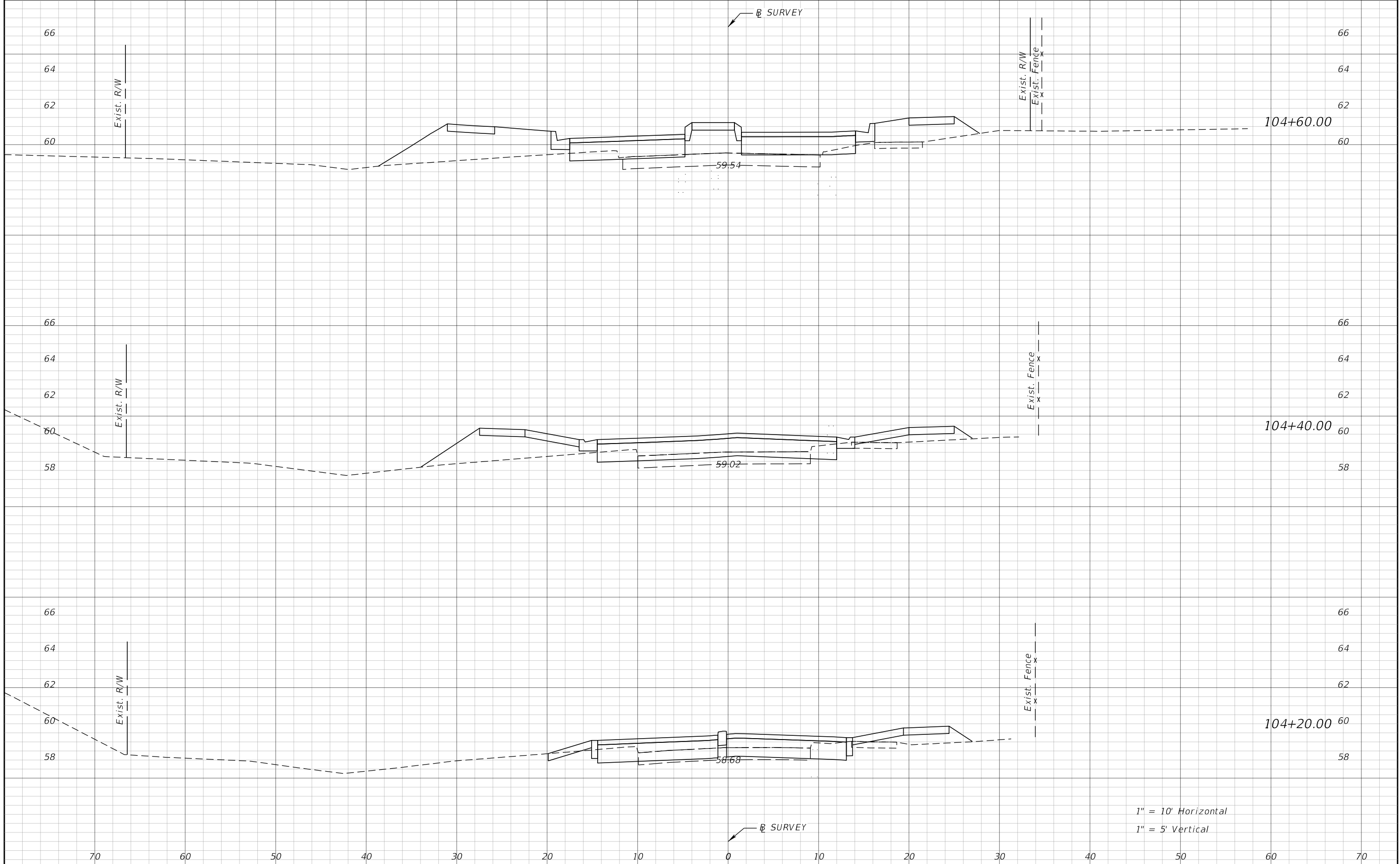


BEGIN RECONSTRUCTION
 STA. 103+74.98
 SURVEY E LINEBAUGH AVE
 MATCH EXIST.

1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			CROSS SECTIONS E LINEBAUGH AVE	SHEET NO. 102
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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



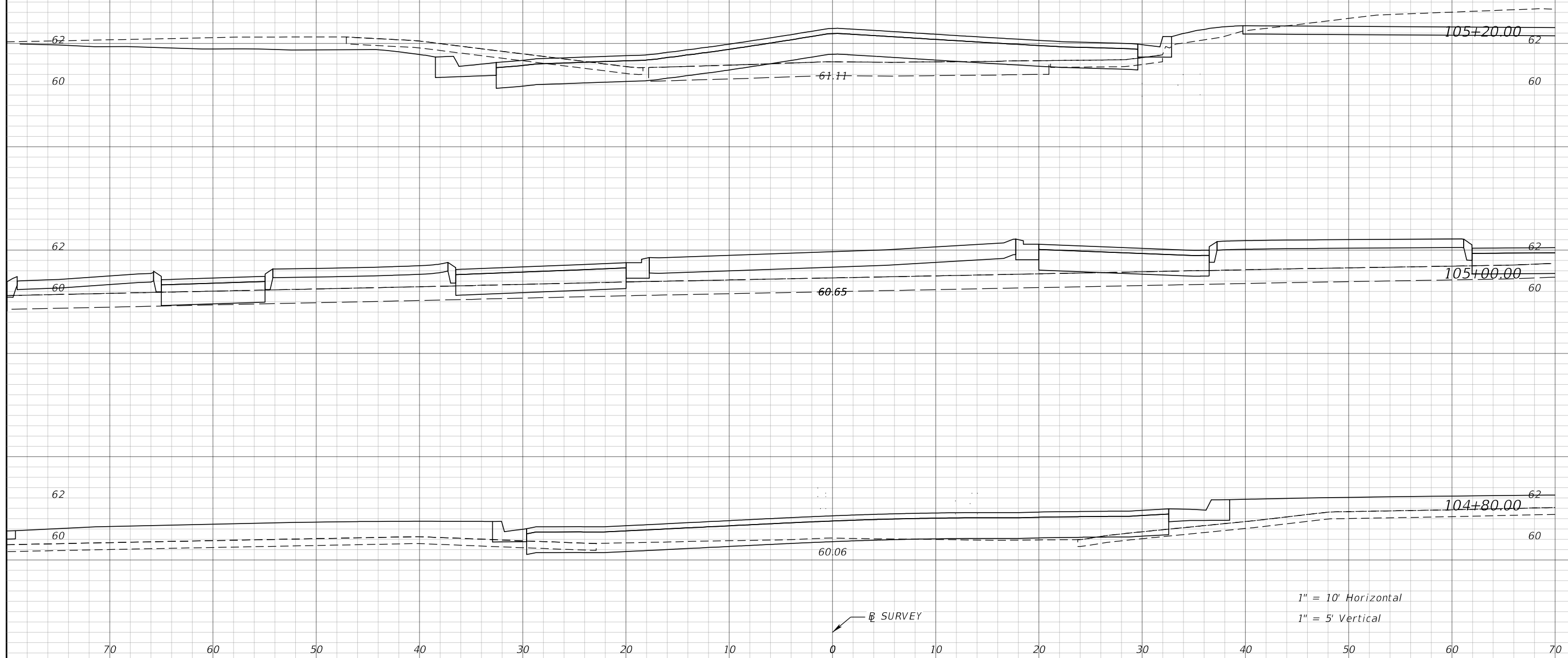
1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS		DATE		DESCRIPTION	

JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356			CITY OF TAMPA TRANSPORTATION DEPARTMENT			CROSS SECTIONS E LINEBAUGH AVE	SHEET NO.
CITY PROJECT NO.		COUNTY		FINANCIAL PROJECT ID			103
1001220		HILLSBOROUGH		437246-1-58-01			

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

⊞ SURVEY



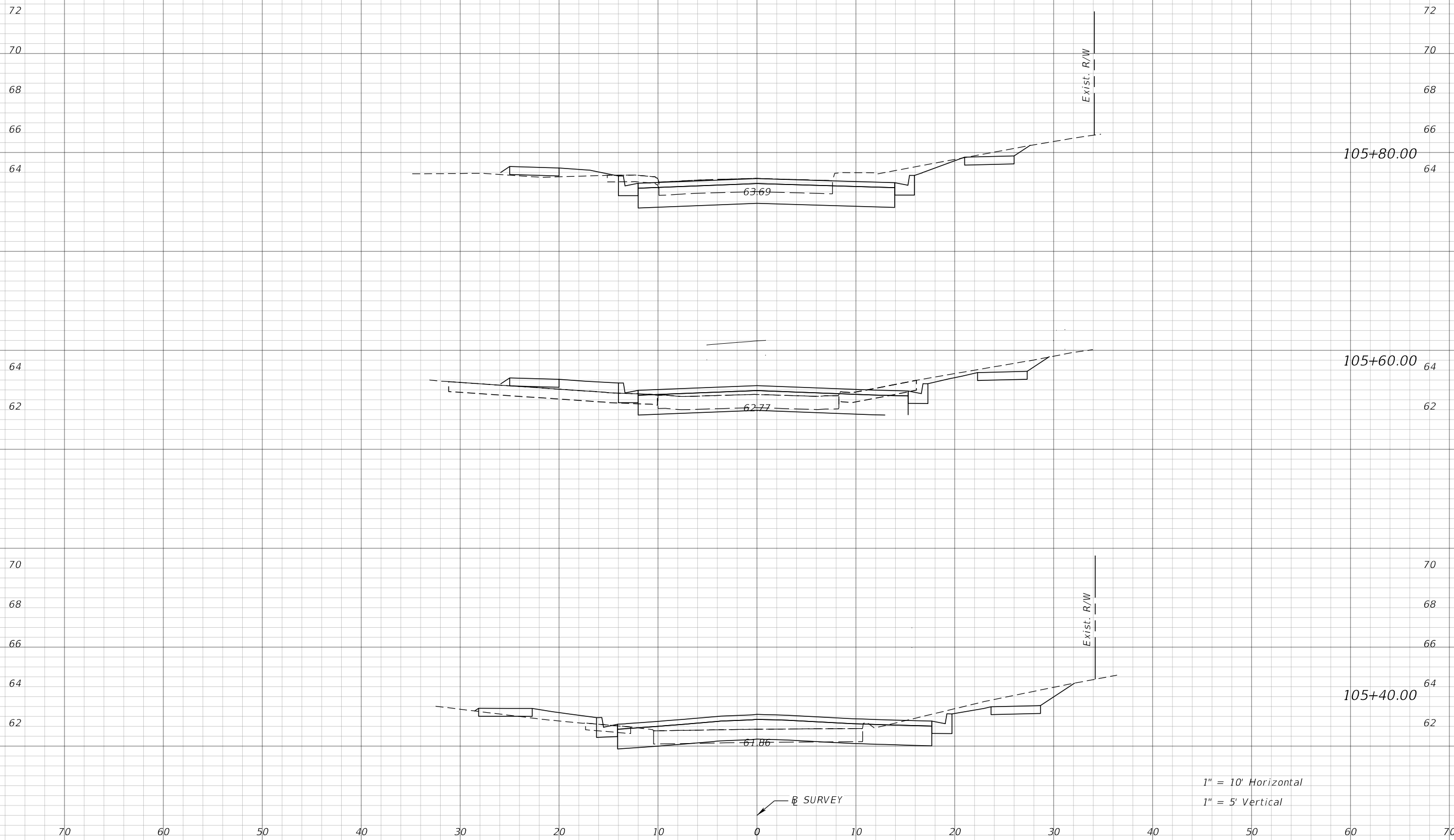
1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 104
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
				1001220	HILLSBOROUGH	437246-1-58-01		

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⊞ SURVEY

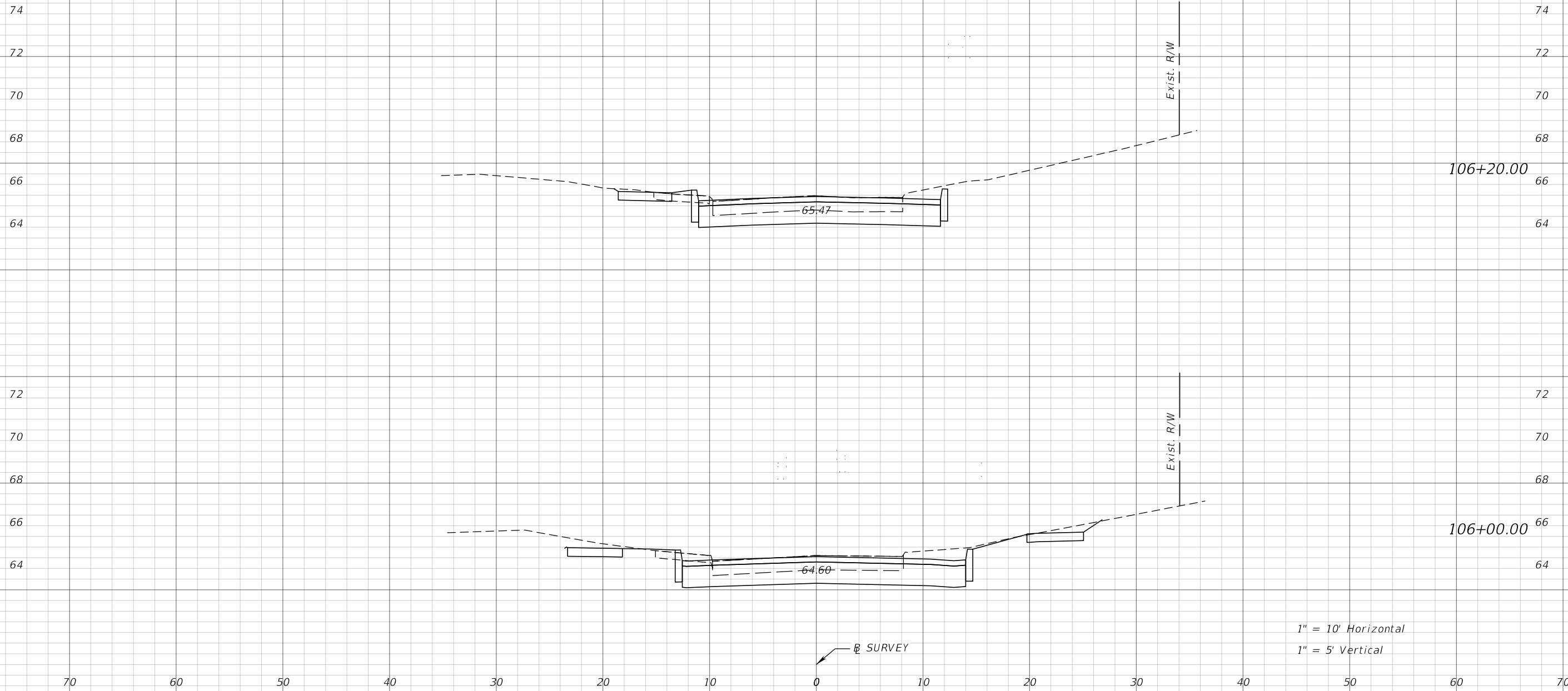


1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 105
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
				1001220	HILLSBOROUGH	437246-1-58-01		

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

Ⓟ SURVEY

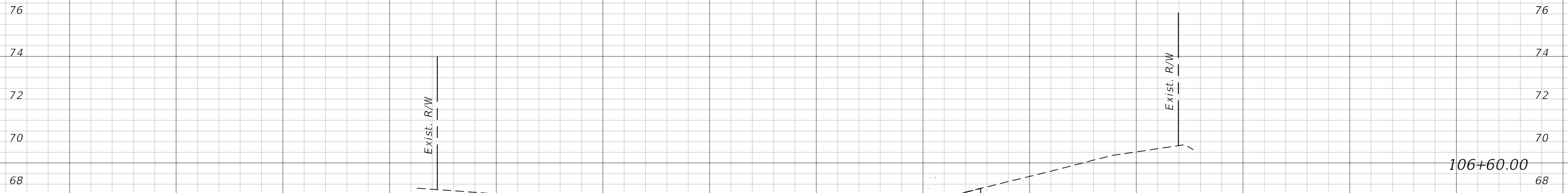


1" = 10' Horizontal
1" = 5' Vertical

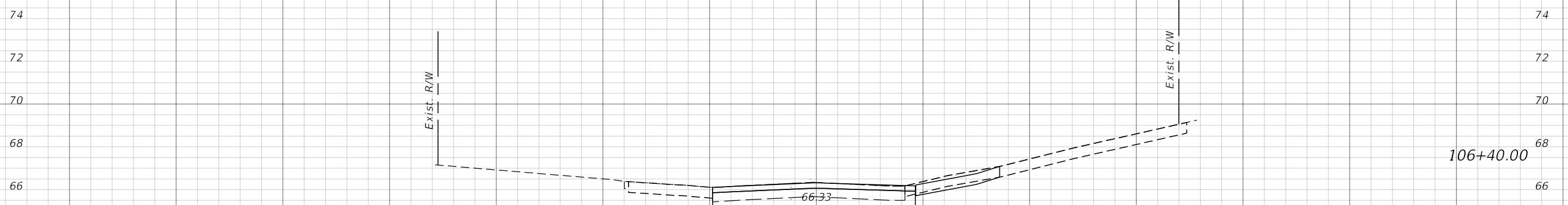
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 106
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
				1001220	HILLSBOROUGH	437246-1-58-01		

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

⊕ SURVEY



END RECONSTRUCTION
 STA. 106+54.15
 ⊕ SURVEY E LINEBAUGH AVE
 MATCH EXIST.



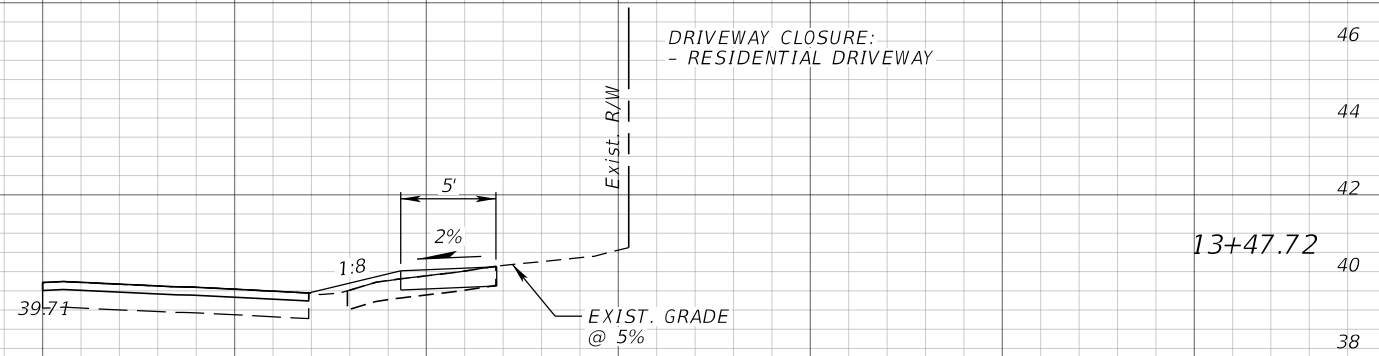
1" = 10' Horizontal
 1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			CROSS SECTIONS E LINEBAUGH AVE	SHEET NO. 107
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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

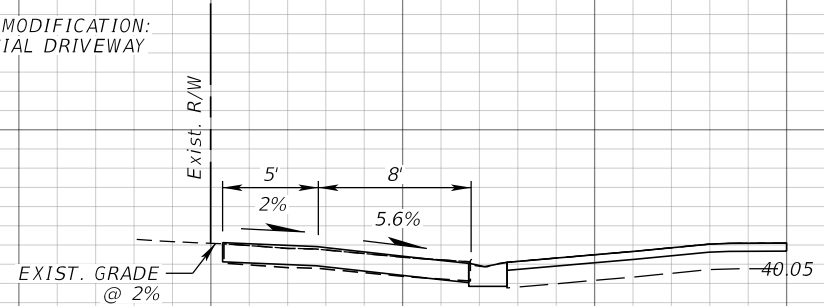
⊕ SURVEY



DRIVEWAY CLOSURE:
- RESIDENTIAL DRIVEWAY

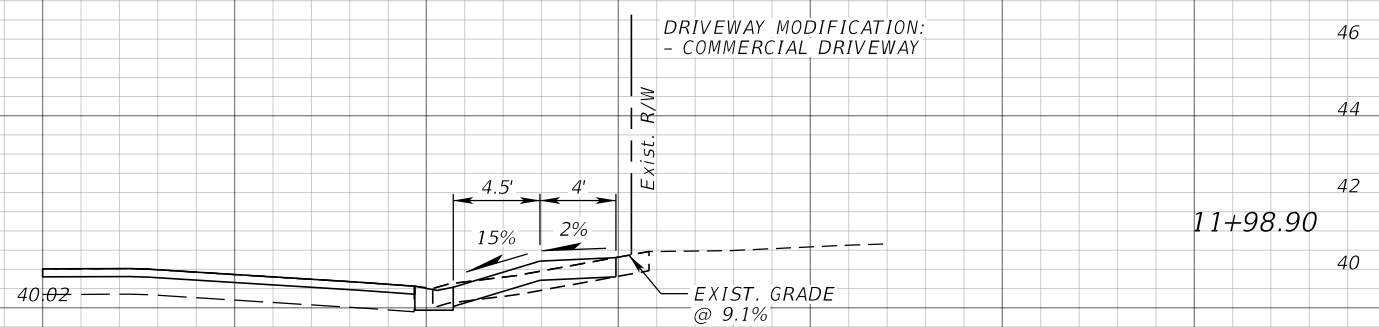
EXIST. GRADE
@ 5%

DRIVEWAY MODIFICATION:
- COMMERCIAL DRIVEWAY



EXIST. GRADE
@ 2%

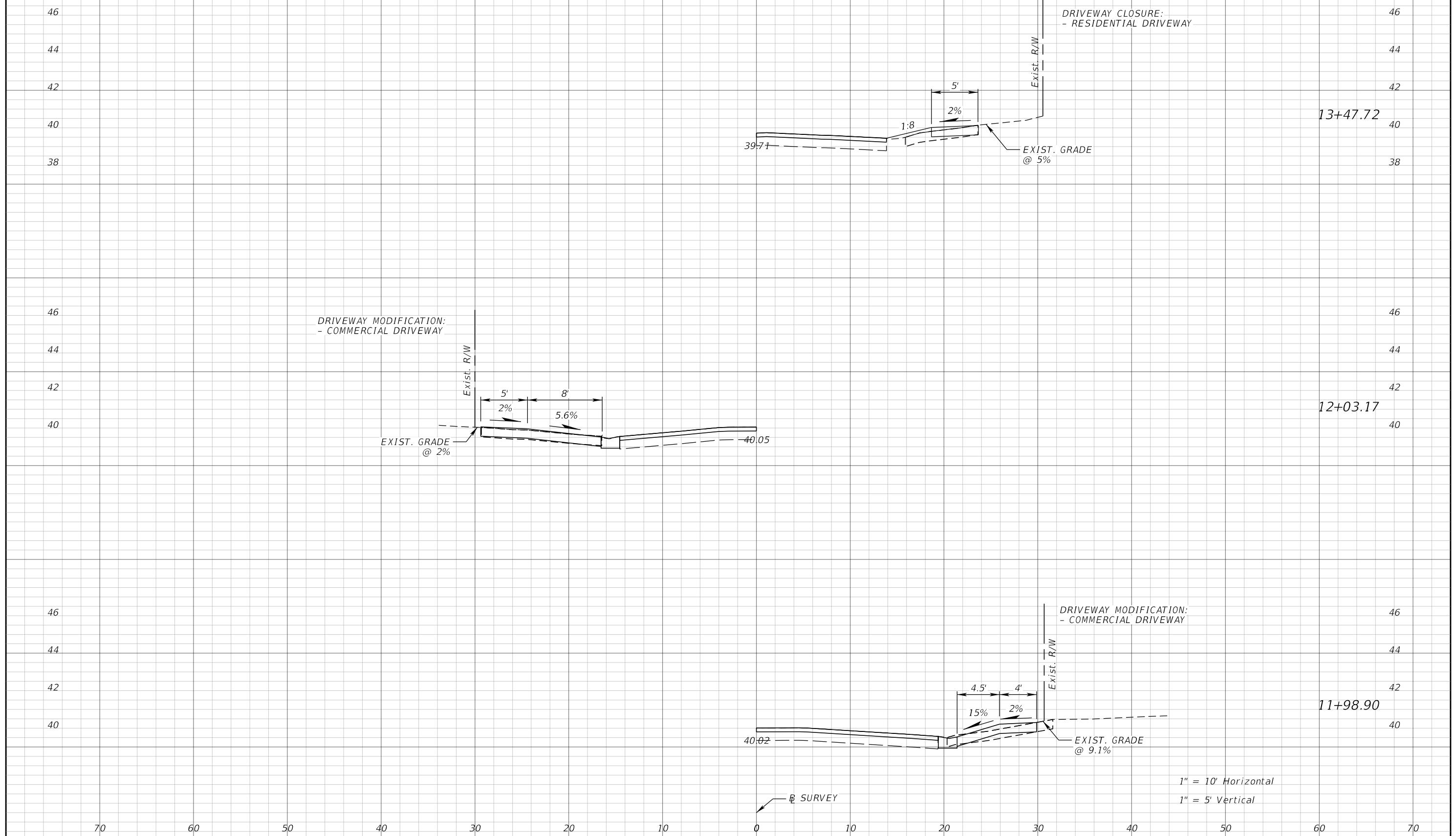
DRIVEWAY MODIFICATION:
- COMMERCIAL DRIVEWAY



EXIST. GRADE
@ 9.1%

1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY



REVISIONS	
DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

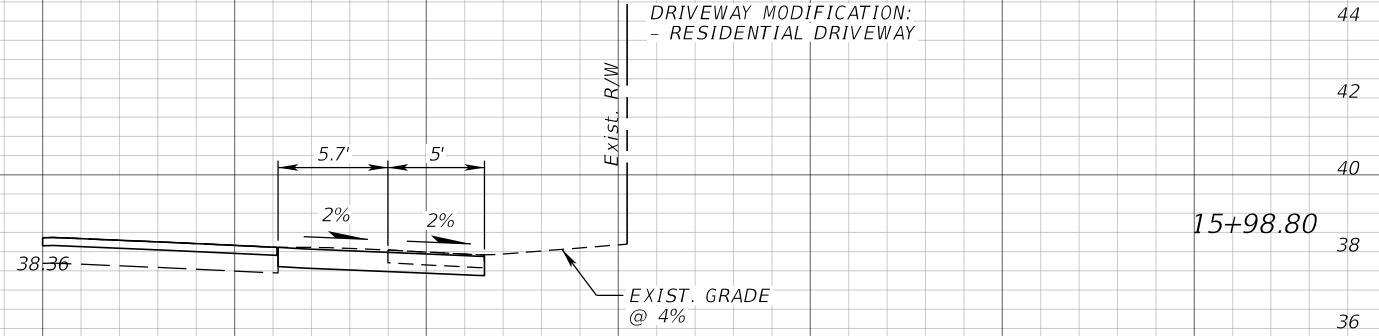
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

DRIVEWAY HALF-SECTIONS
N 46TH ST

SHEET NO.
108

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⊞ SURVEY

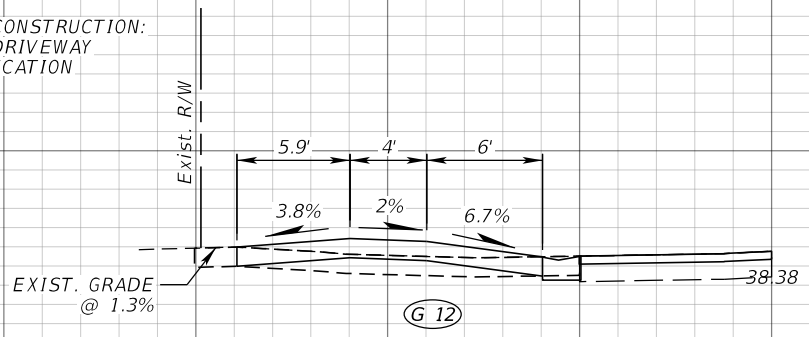


DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

EXIST. GRADE
@ 4%

Exist. R/W

DRIVEWAY NEW CONSTRUCTION:
- RESIDENTIAL DRIVEWAY
- GENERAL APPLICATION

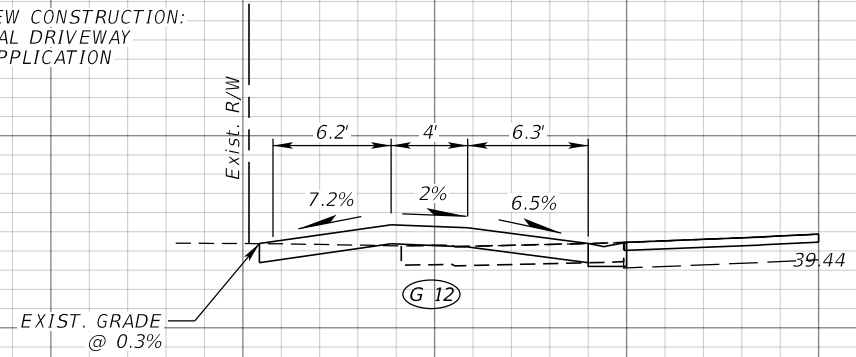


EXIST. GRADE
@ 1.3%

G 12

Exist. R/W

DRIVEWAY NEW CONSTRUCTION:
- RESIDENTIAL DRIVEWAY
- GENERAL APPLICATION



EXIST. GRADE
@ 0.3%

G 12

Exist. R/W

⊞ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

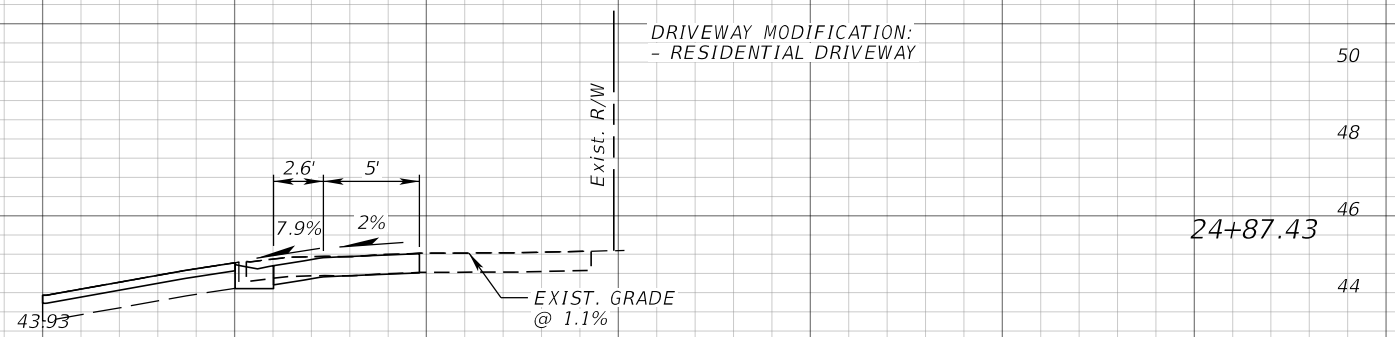
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**DRIVEWAY HALF-SECTIONS
N 46TH ST**

SHEET NO.
109

⊕ SURVEY



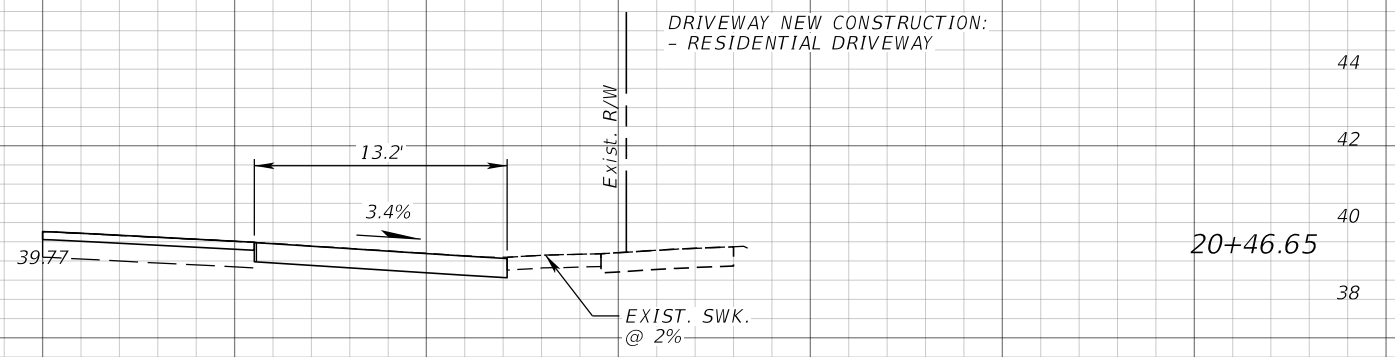
DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

24+87.43



DRIVEWAY NEW CONSTRUCTION:
- RESIDENTIAL DRIVEWAY

22+14.36



DRIVEWAY NEW CONSTRUCTION:
- RESIDENTIAL DRIVEWAY

20+46.65

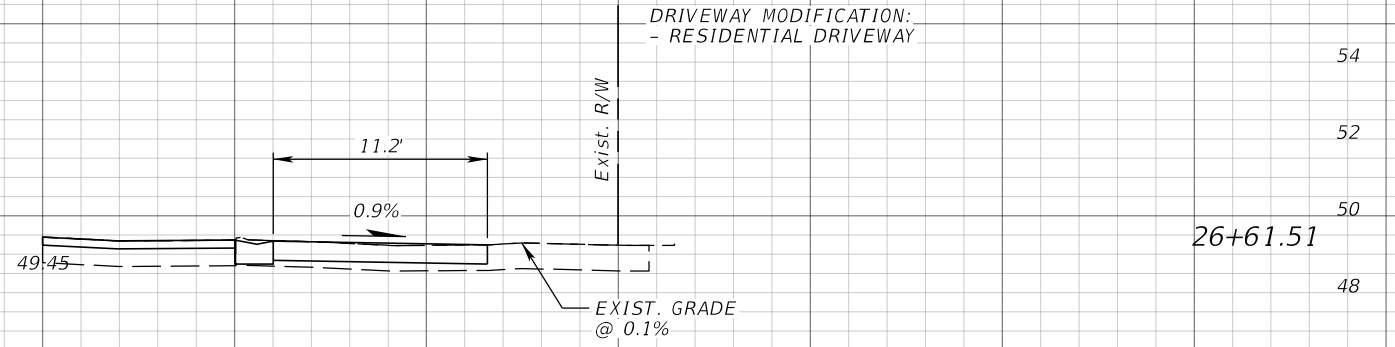
1" = 10' Horizontal
1" = 5' Vertical

⊕ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 110
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

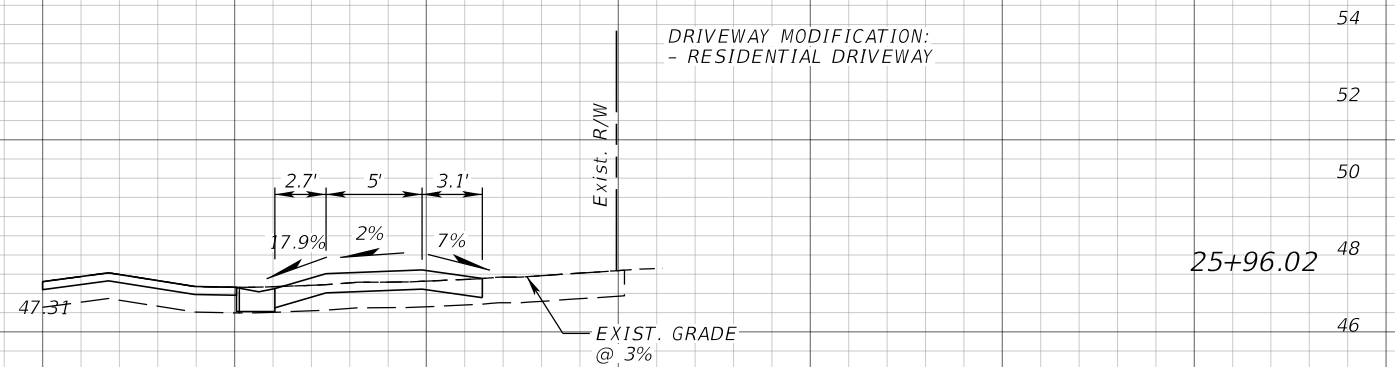
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⊞ SURVEY



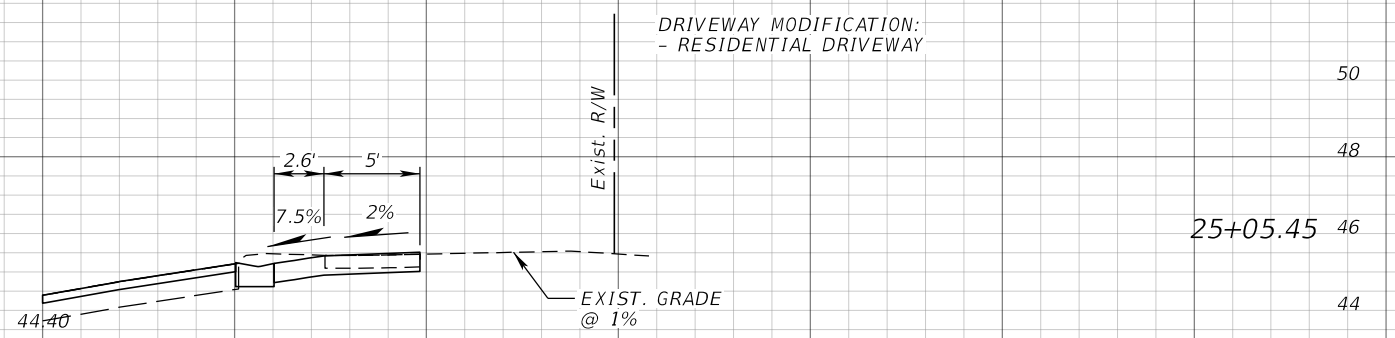
DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

26+61.51



DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

25+96.02



DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

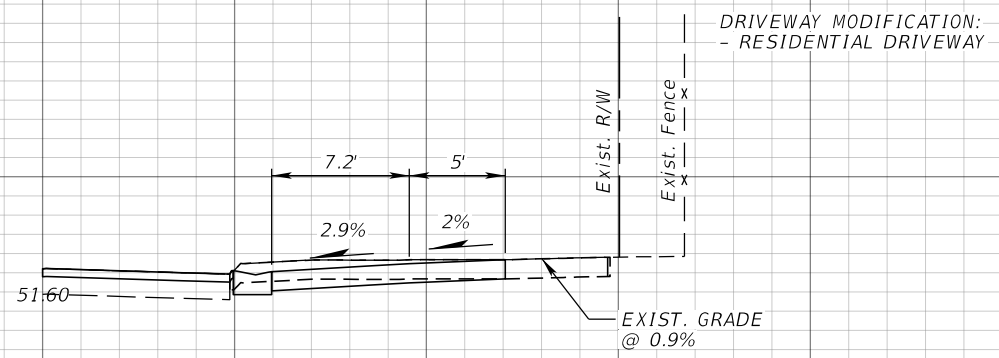
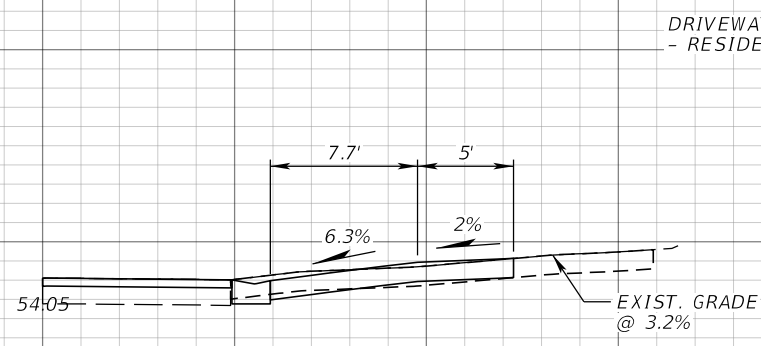
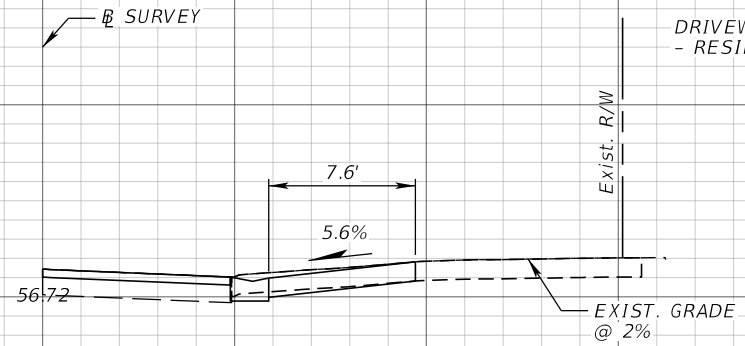
25+05.45

⊞ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

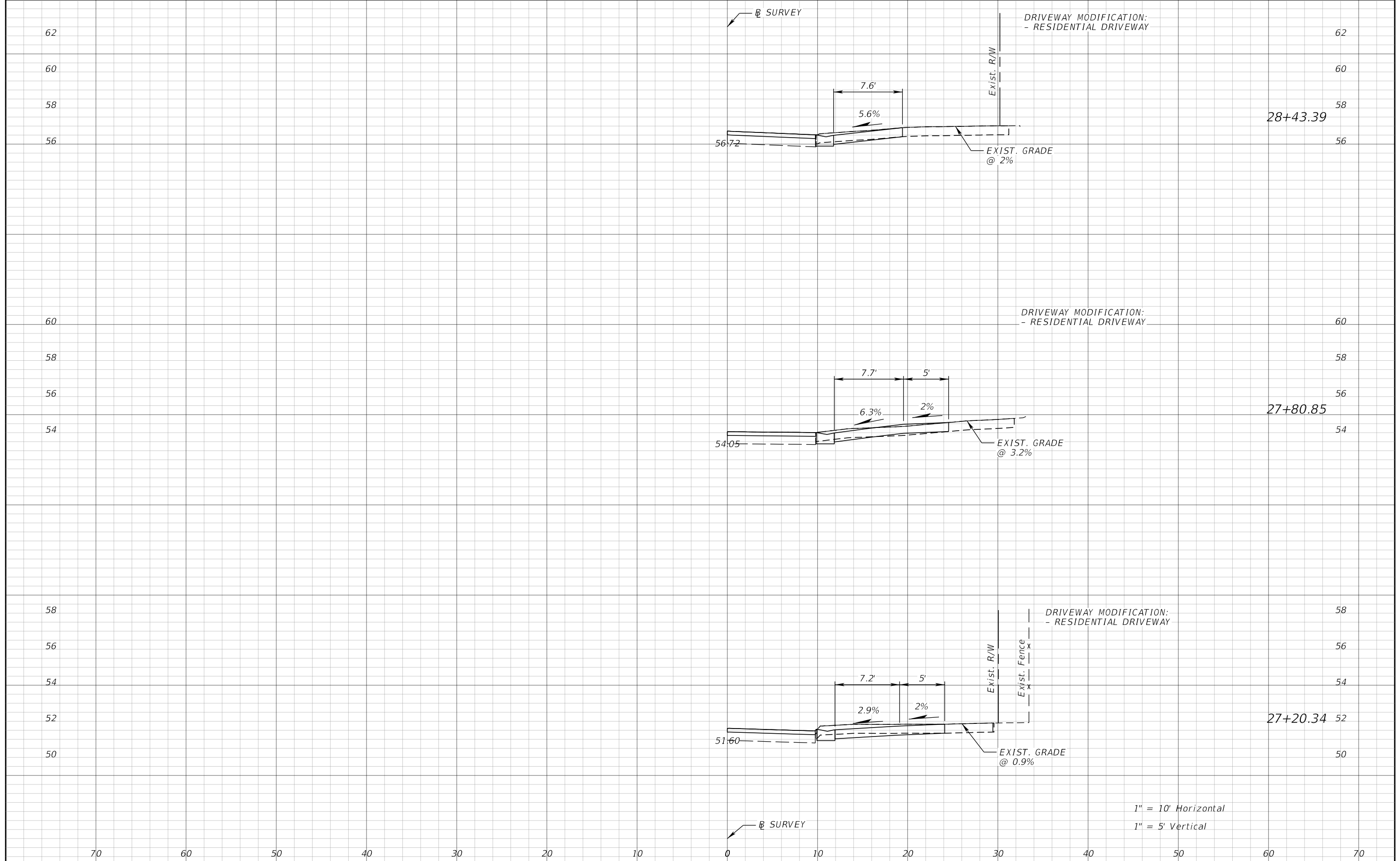
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 111
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

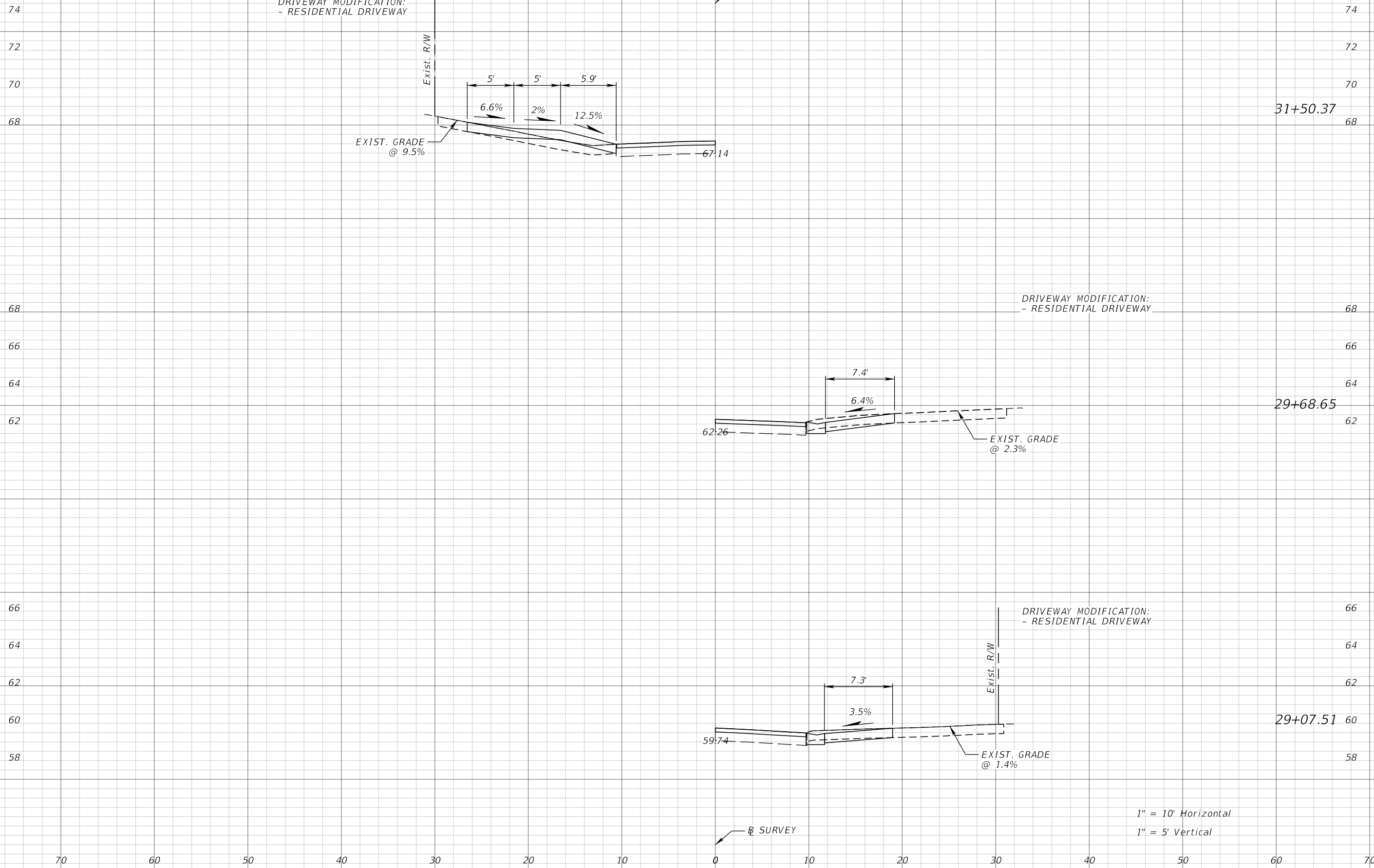
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**DRIVEWAY HALF-SECTIONS
N 46TH ST**

SHEET NO.
112

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DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

⊕ SURVEY

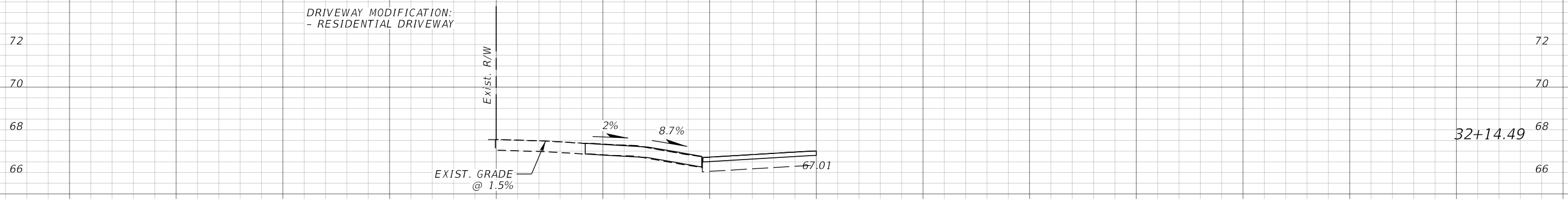
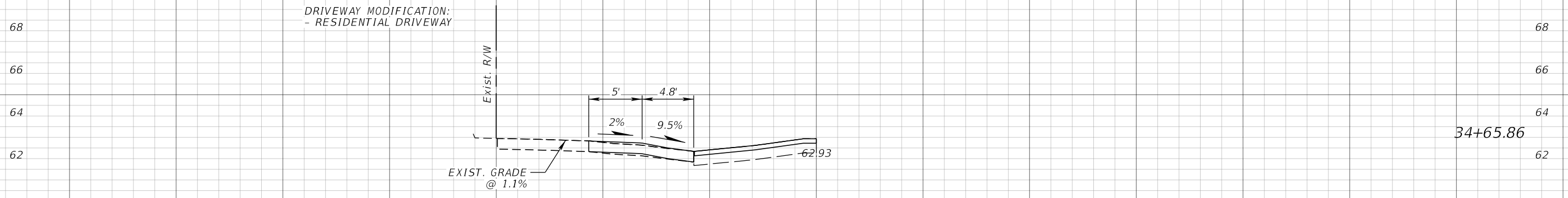
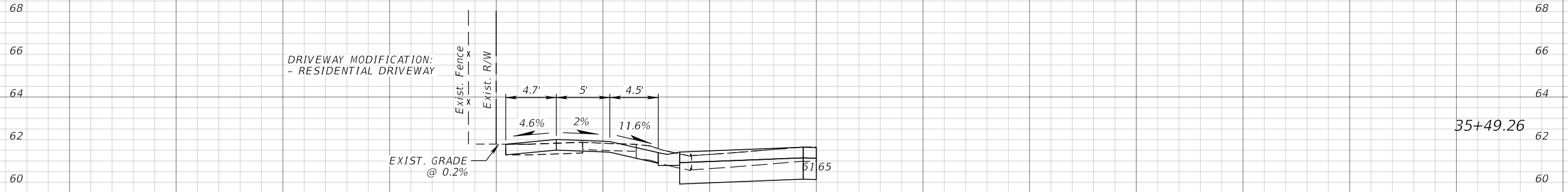
⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

DATE		DESCRIPTION		REVISIONS	
				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	
		CITY OF TAMPA TRANSPORTATION DEPARTMENT			
		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
		1001220	HILLSBOROUGH	437246-1-58-01	
DRIVEWAY HALF-SECTIONS N 46TH ST					SHEET NO. 113

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⊞ SURVEY



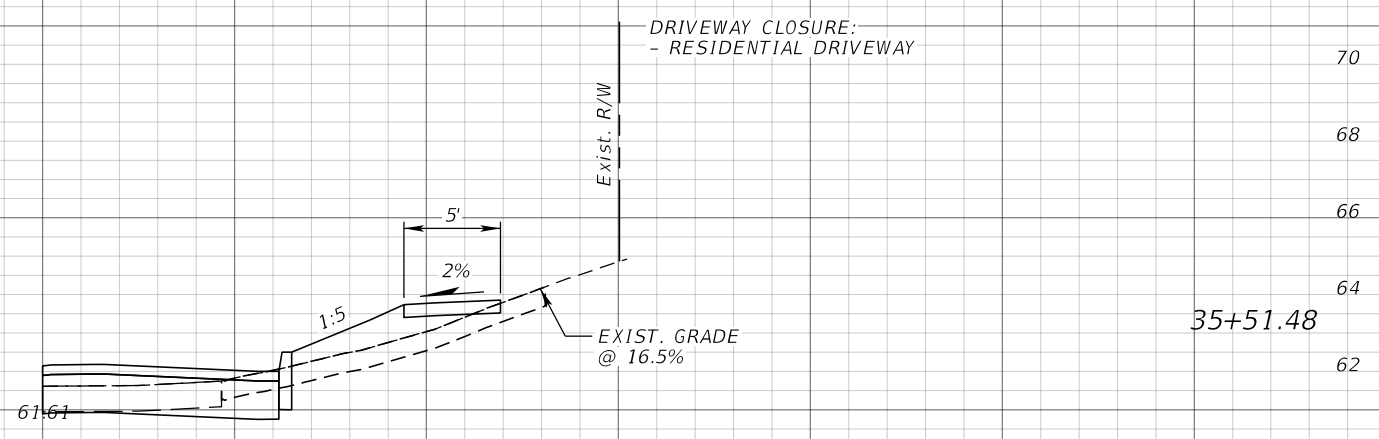
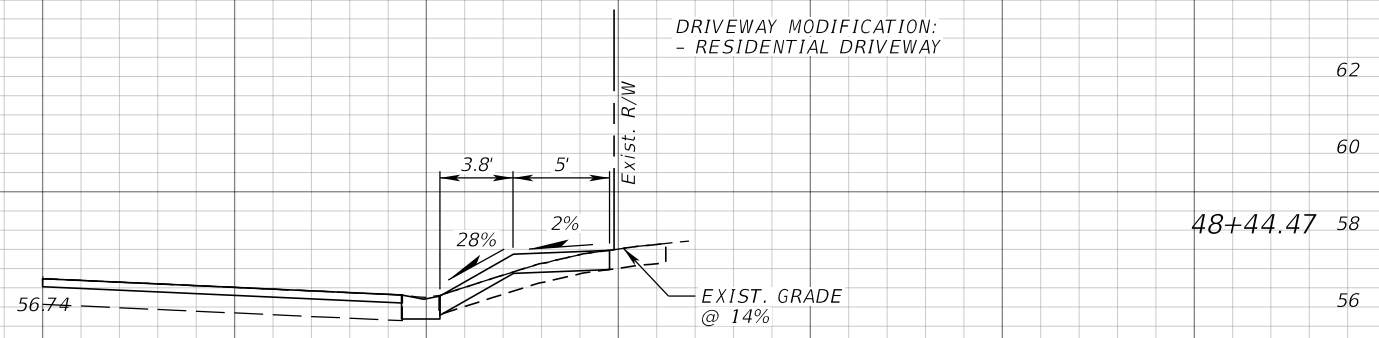
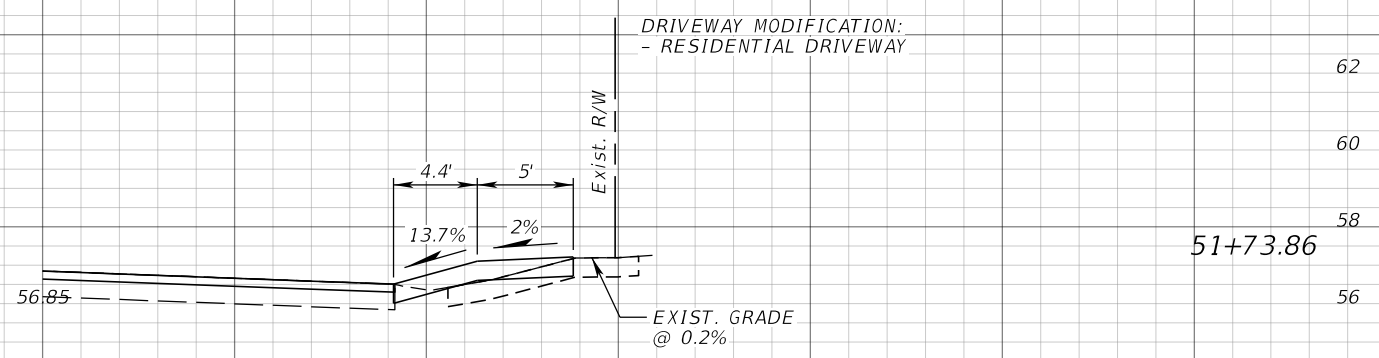
1" = 10' Horizontal
1" = 5' Vertical

⊞ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 114
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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⊕ SURVEY

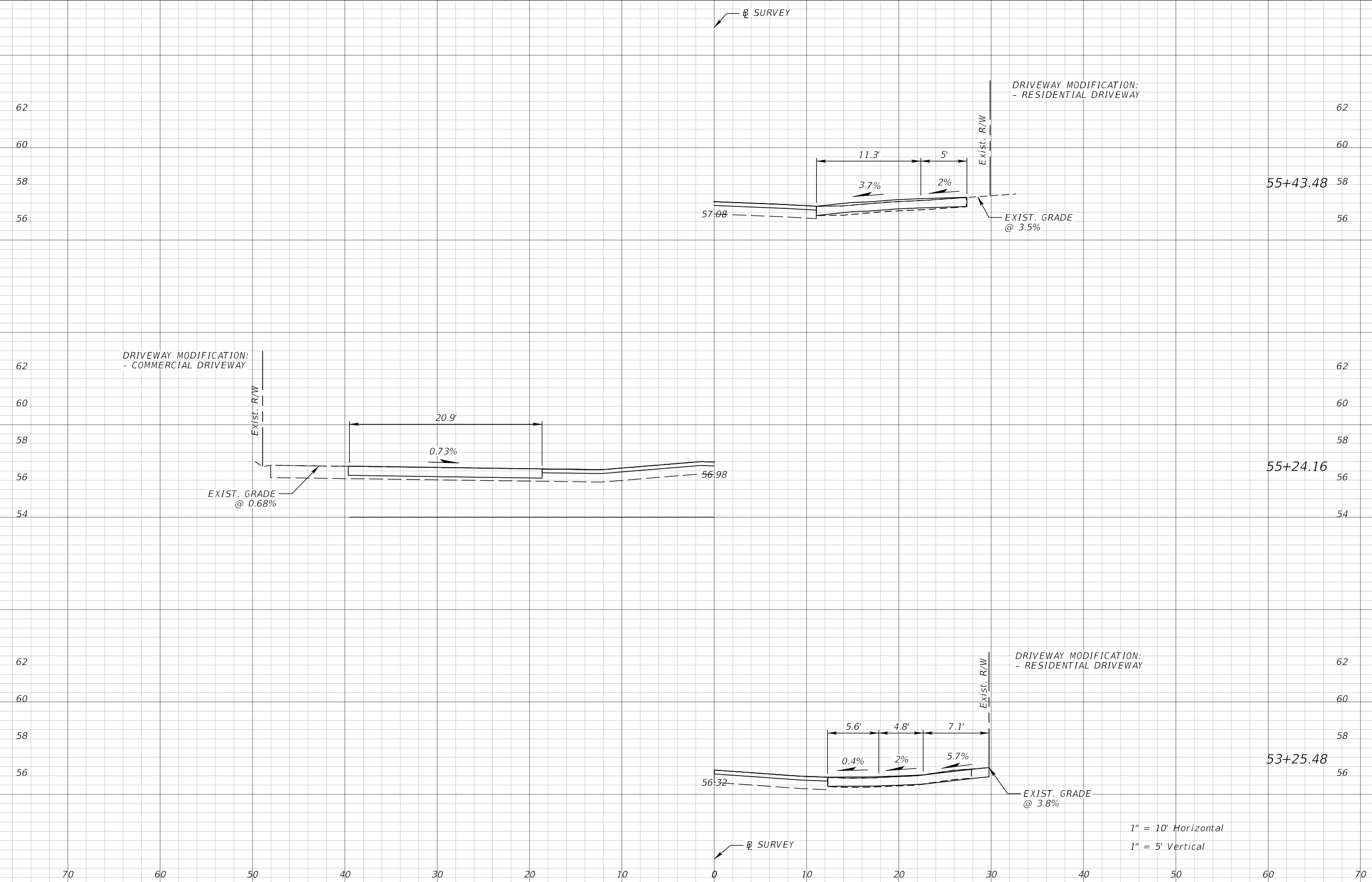


⊕ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 115
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
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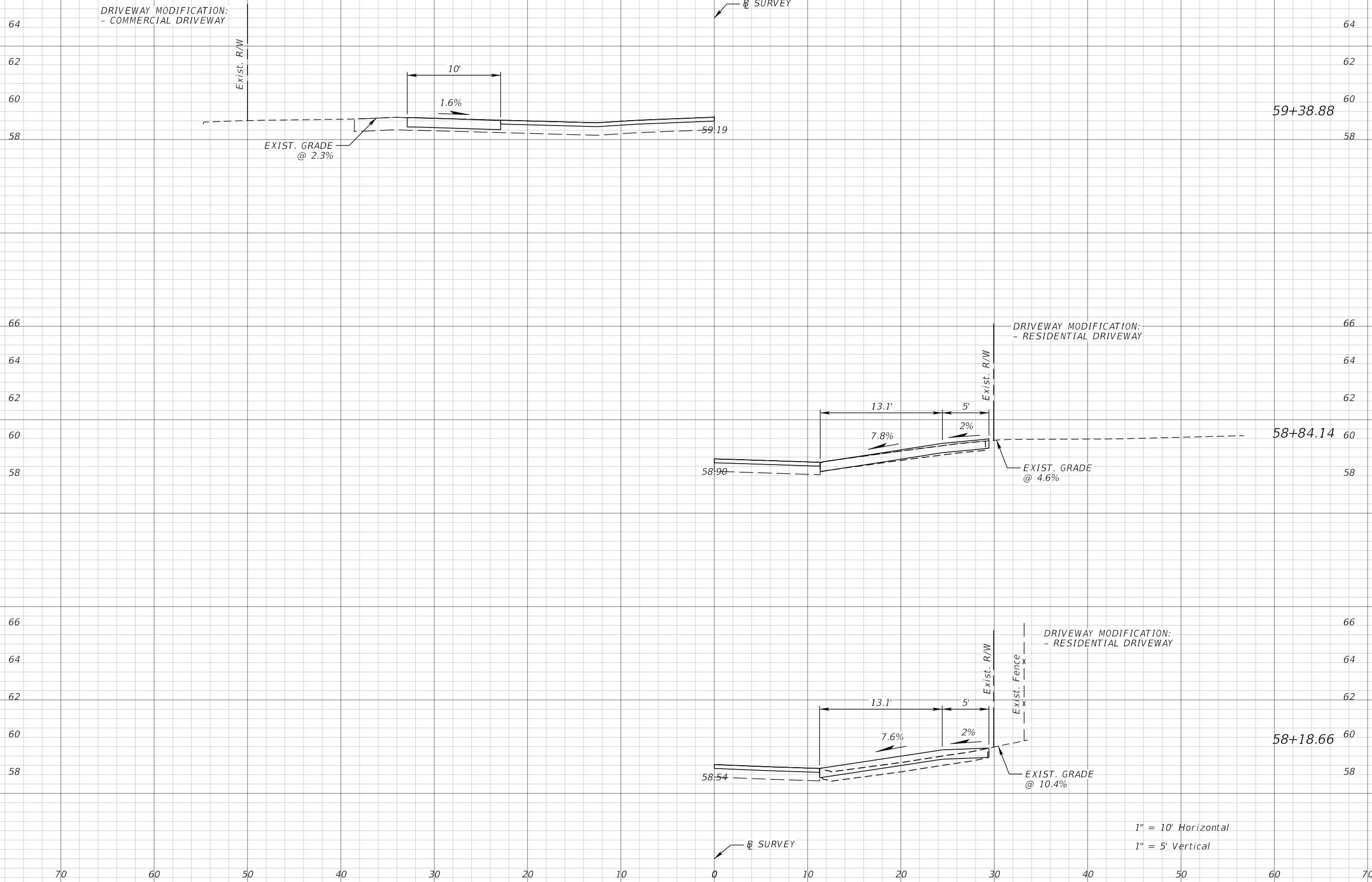
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1" = 10' Horizontal
 1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 116
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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DRIVEWAY MODIFICATION:
- COMMERCIAL DRIVEWAY

DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

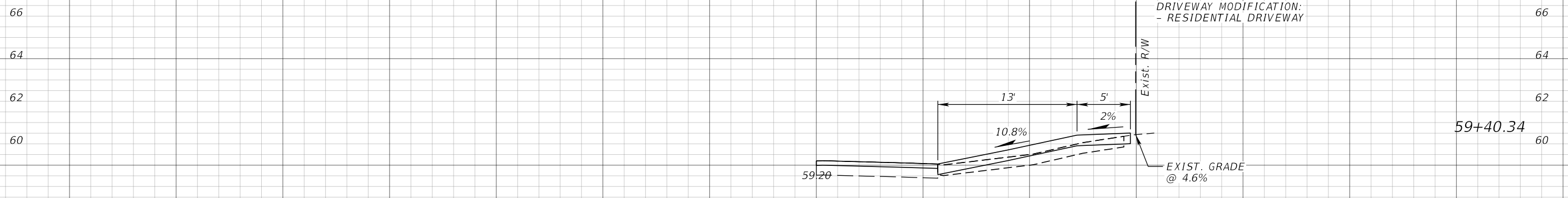
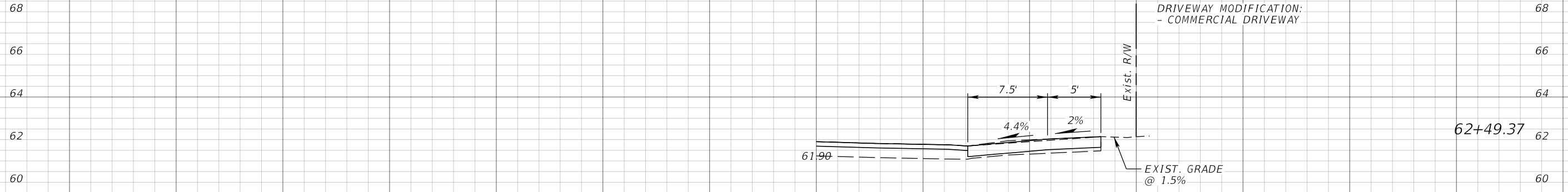
DRIVEWAY MODIFICATION:
- RESIDENTIAL DRIVEWAY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 117
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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⊕ SURVEY



⊕ SURVEY

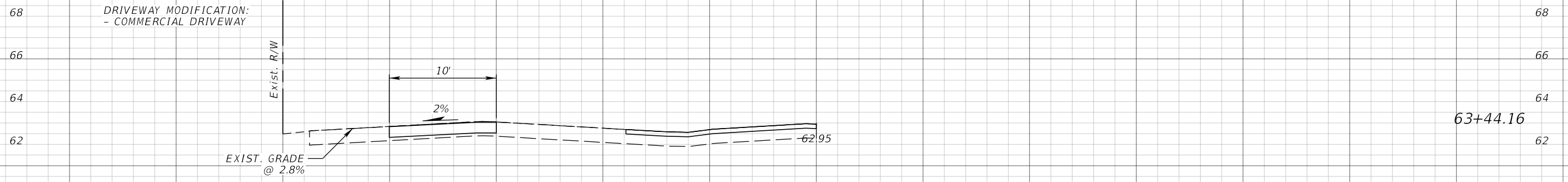
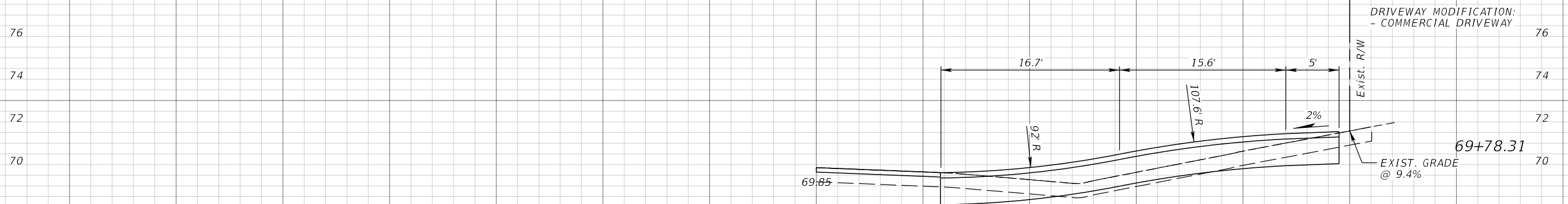
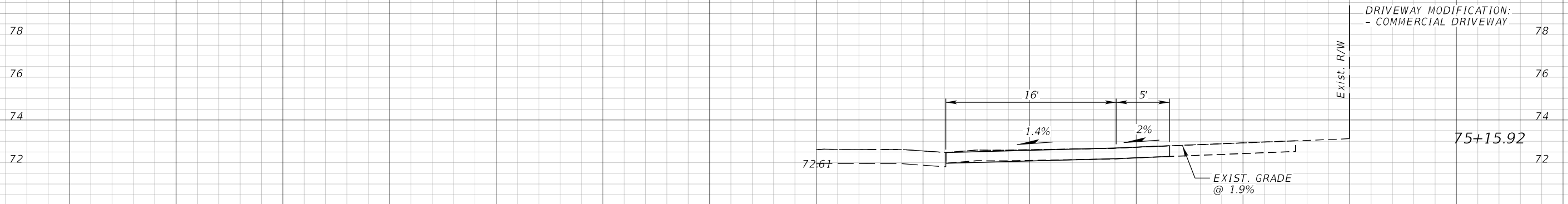
1" = 10' Horizontal
1" = 5' Vertical

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 118
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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Ⓟ SURVEY

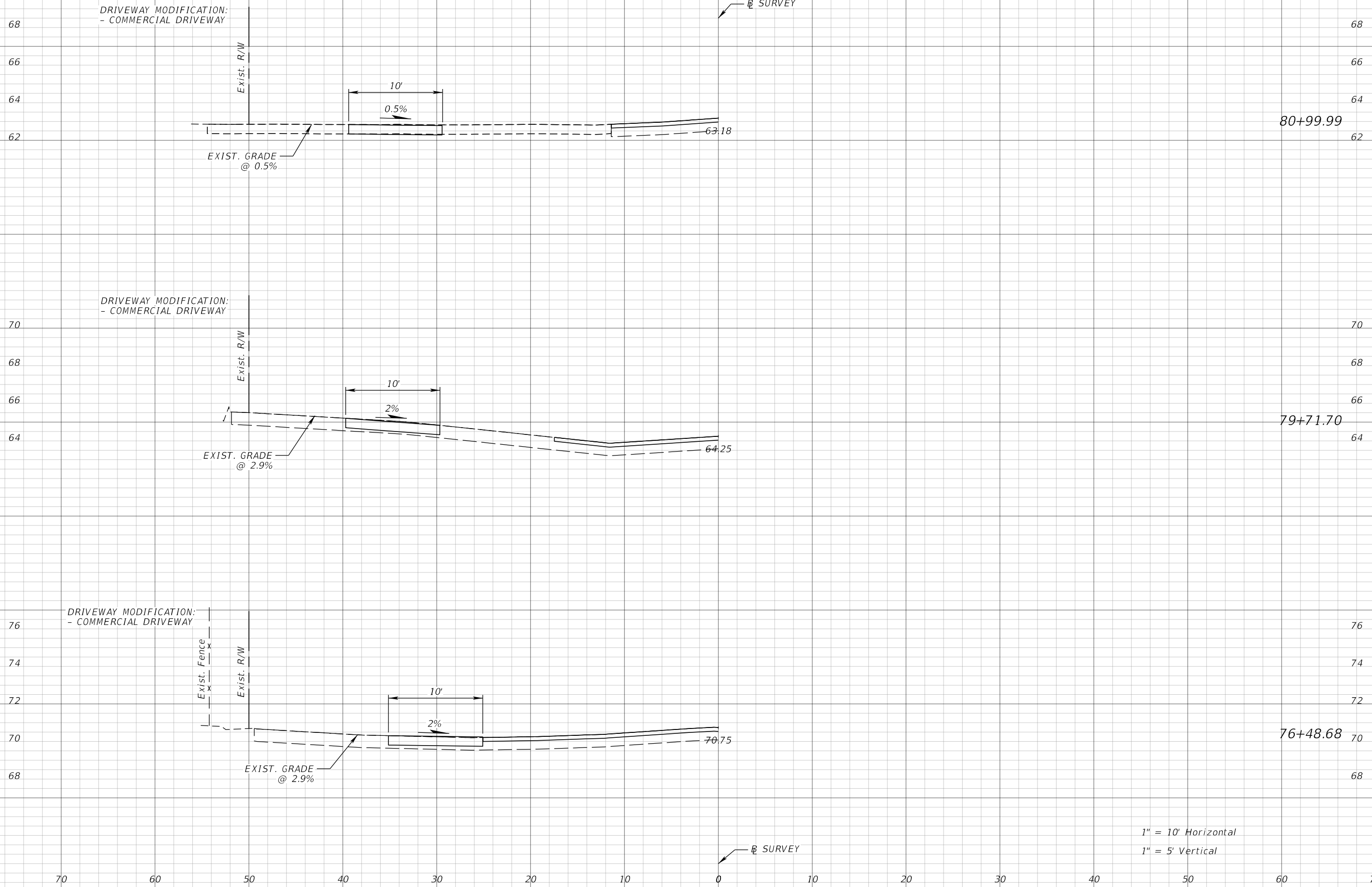


Ⓟ SURVEY

1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 119
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

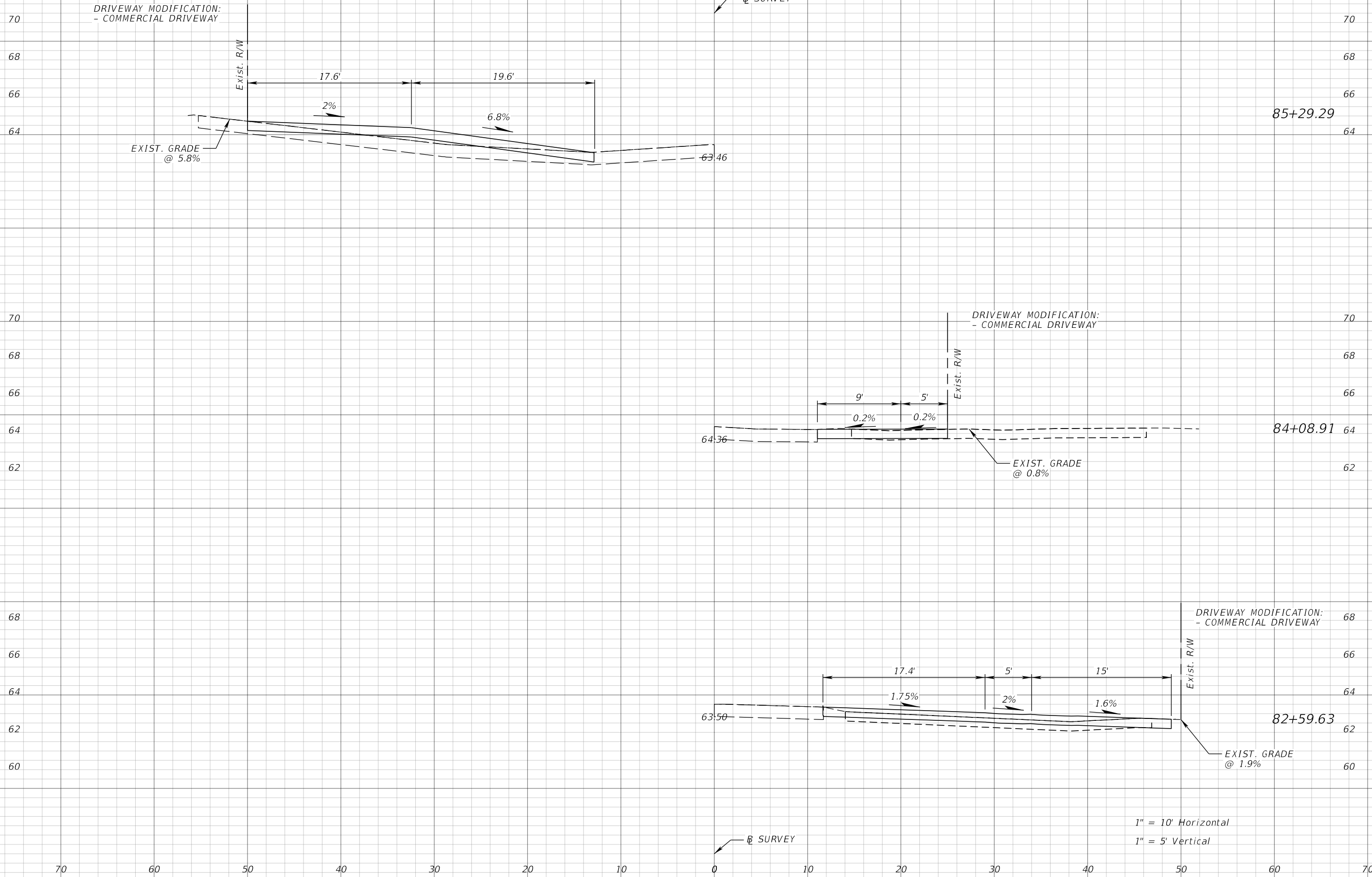
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

**DRIVEWAY HALF-SECTIONS
N 46TH ST**

SHEET NO.
120

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

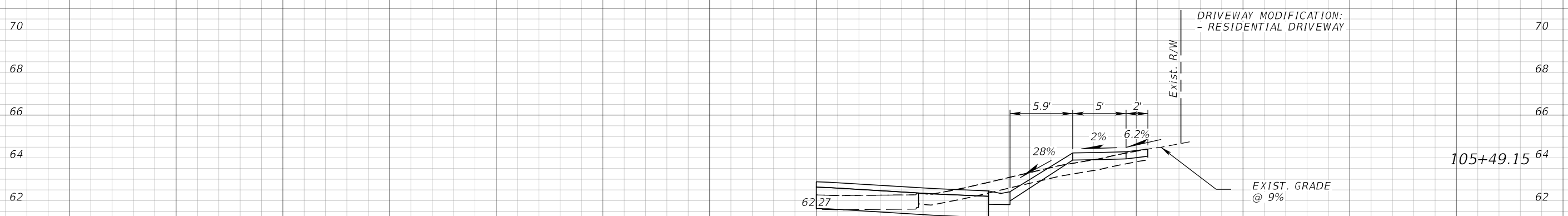
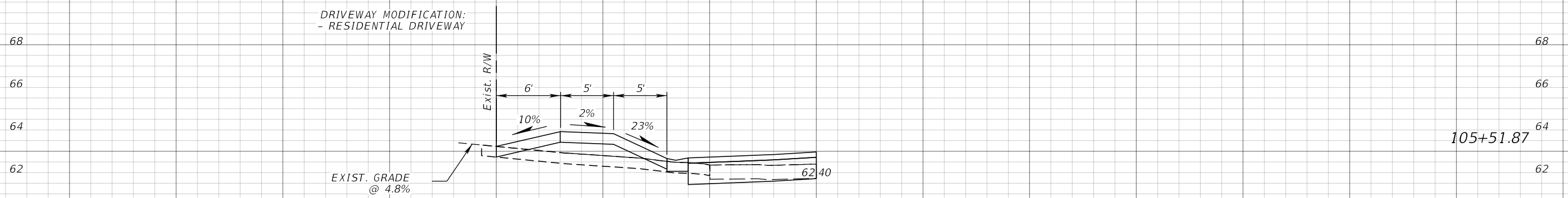


1" = 10' Horizontal
1" = 5' Vertical

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS N 46TH ST	SHEET NO. 121
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

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Ⓟ SURVEY



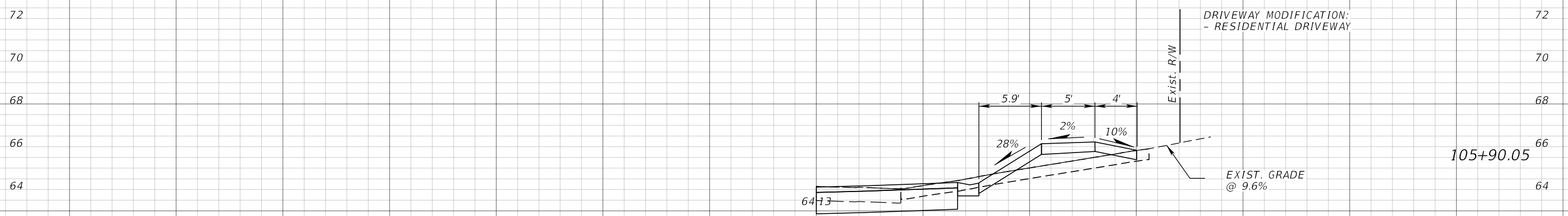
1" = 10' Horizontal
1" = 5' Vertical

Ⓟ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS E LINEBAUGH AVE	SHEET NO. 122
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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Ⓢ SURVEY



1" = 10' Horizontal
1" = 5' Vertical

Ⓢ SURVEY

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			DRIVEWAY HALF-SECTIONS E LINEBAUGH AVE	SHEET NO. 123
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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TEMPORARY TRAFFIC CONTROL PLAN - NOTES

GENERAL

- FOR GENERAL TRAFFIC CONTROL ZONE REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO STANDARD PLANS INDEX, 102-600 SERIES. ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH INDEX NO. 102-600 SERIES UNLESS OTHERWISE NOTED.
- THE EXACT LOCATION OF ALL SIGNS AND BARRICADES SHALL BE DETERMINED IN THE FIELD TO MEET THE STANDARD PLANS INDEX 102-600.
- TEMPORARY REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED WITH TEMPORARY STRIPING IN ACCORDANCE WITH INDEXES 102-600 AND 706-001.
- ALL EXISTING PAVEMENT MARKINGS OUTSIDE OF THE CONSTRUCTION LIMITS THAT ARE REMOVED FOR TRAFFIC CONTROL PURPOSES ARE TO BE REPLACED IN-KIND UPON COMPLETION OF THE TRAFFIC CONTROL PURPOSE WHICH CAUSED ITS REMOVAL.
- THROUGHOUT THE MILLING & RESURFACING OPERATIONS, USE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM, OR EQUIVALENT, FOR CLEANUP OF MILLED DUST MATERIAL.
- ENSURE THAT STREET NAME SIGNS ARE VISIBLE TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
- THERE WILL BE NO PAVEMENT MARKING ERADICATION PERMITTED AFTER THE FINAL ASPHALT COURSE IS PLACED. ANY EXISTING ROADWAYS THAT HAVE TEMPORARY STRIPING ERADICATED SHALL HAVE THE FULL WIDTH OF THE EXISTING TOP PAVEMENT COURSE MILLED AND RESURFACED PRIOR TO FINAL ACCEPTANCE.

PEDESTRIANS

- PEDESTRIAN FACILITIES SHALL BE MAINTAINED AND SHALL CONFORM TO ADA REQUIREMENTS.
- THROUGHOUT THE PROJECT LIMITS WHERE SIDEWALKS CURRENTLY EXIST, PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ON AT LEAST ONE SIDE OF EACH ROADWAY ON THE PROJECT AT ALL TIMES, USING 102-660. THE SIDEWALK TRAVEL WAY SHALL BE A MINIMUM OF 4-FT WIDE, WITH A PAVED SURFACE, RAMPED AS PER INDEX 522-002. TEMPORARY ASPHALT MAY BE USED FOR THE PAVED SURFACE AND SHALL BE PAID FOR UNDER LUMP SUM MAINTENANCE OF TRAFFIC, PAY ITEM 102-1. ENSURE THAT A SAFE AND UNOBSTRUCTED ROUTE EXISTS FOR PEDESTRIANS, INCLUDING AT BUS STOP LOCATIONS. REFER TO STANDARD PLANS INDEX 102-660.
- ASPHALT MILLINGS ARE NOT ALLOWED FOR TEMPORARY SIDEWALK.

SIGNALS, SIGNING & MARKING

- ALL EXISTING WARNING, GUIDE, AND REGULATORY SIGNS SHALL BE MAINTAINED AT ALL TIMES. SIGNS SHALL BE RELOCATED, REMOVED OR COVERED FOR EACH PHASE'S TRAFFIC PATTERN.
- ALL EXISTING TRAFFIC SIGNALS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. IN CASES WHERE THE SIGNAL IS TO BE REMOVED IN THE FINAL PLANS, THE SIGNAL SHALL BE MAINTAINED UNTIL THE INTERSECTION IS IN ITS FINAL CONFIGURATION AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- ALL EXISTING SIGNS TO REMAIN, UNLESS NOTED OTHERWISE.

LANE CLOSURES / DETOURS

- IN ACCORDANCE WITH FDOT SPECIFICATION 8-8.4, SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE:
 - STRAWBERRY FESTIVAL (PLANT CITY)
 - ALL EVENTS AT FLORIDA STATE FAIRGROUNDS WITH AN ANTICIPATED CROWD OF 35,000 ATTENDEES OR HIGHER

NO DETOUR SHALL BE ACTIVE DURING ANY OF THESE LISTED EVENTS

- PLACE A PCMS 7 DAYS IN ADVANCE OF ANY CLOSURES, TRAFFIC SHIFTS, OR DETOUR NOTIFYING THE PUBLIC OF THE UPCOMING EVENT.

MESSAGE 1: ROADWORK
46TH ST

MESSAGE 2: BEGIN
MM/DD TO
MM/DD

MESSAGE 1: ROADWORK
LINEBAUGH

MESSAGE 2: BEGIN
MM/DD TO
MM/DD

- COORDINATE ALL WORK, ALL LANE CLOSURES, AND ALL TEMPORARY TRAFFIC CONTROL WITH ANY OTHER PROJECTS IN THE VICINITY.
- THE DETOURS ILLUSTRATED IN THE DETOUR SHEETS SHOULD BE APPLIED IN ALL INSTANCES.
- ACCESSABILITY TO LOCAL TRAFFIC TO BE MAINTAINED AT ALL TIMES DURING DETOUR.

TTCP GENERAL NOTES

PHASE 1 - N 46TH ST FROM E BUSCH BLVD TO E BOUGAINVILLEA AVE

THE INTENT OF THIS PHASE IS TO SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC TO A ONE-LANE TWO-WAY SETUP. THIS WILL ALLOW FOR MILLING AND RESURFACING OF THE ADJACENT LANE.

- INSTALL TRAFFIC CONTROL DEVICES, RECONFIGURE ONE-LANE TWO-WAY SETUP, AND SIGNING IN ACCORDANCE WITH STANDARD PLAN INDICES 102-603, 102-604, AND 102-605.
- CONSTRUCT CURB & GUTTER, SIGNALIZATION, SIGNING, AND DRAINAGE IMPROVEMENTS WITHIN WORK ZONE.
- INSTALL PAINTED PAVEMENT MARKINGS AS SHOWN IN THE SIGNING AND PAVEMENT MARKING PLANS.
- REPEAT STEPS 1 THROUGH 3 TO MILL & RESURFACE REMAINING PAVEMENT.

CONCURRENT WORK:

- INSTALL EROSION CONTROL DEVICES
- SIGN CONSTRUCTION
- PLACING SOD

PHASE 2 - N 46TH ST FROM E BOUGAINVILLEA AVE TO E FOWLER AVE

THE INTENT OF THIS PHASE IS TO SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC TO A ONE-LANE TWO-WAY SETUP. THIS WILL ALLOW FOR MILLING AND RESURFACING OF THE ADJACENT LANE.

- INSTALL TRAFFIC CONTROL DEVICES, RECONFIGURE ONE-LANE TWO-WAY SETUP, AND SIGNING IN ACCORDANCE WITH STANDARD PLAN INDICES 102-603, 102-604, AND 102-605.
- CONSTRUCT CURB & GUTTER, SIGNALIZATION, SIGNING, AND DRAINAGE IMPROVEMENTS WITHIN WORK ZONE.
- INSTALL PAINTED PAVEMENT MARKINGS AS SHOWN IN THE SIGNING AND PAVEMENT MARKING PLANS.
- REPEAT STEPS 1 THROUGH 3 TO MILL & RESURFACE REMAINING PAVEMENT.

CONCURRENT WORK:

- INSTALL EROSION CONTROL DEVICES
- SIGN CONSTRUCTION
- PLACING SOD

PHASE 3 - N 46TH ST FROM E BUSCH BLVD TO E FOWLER AVE

THE INTENT OF THIS PHASE IS TO MAINTAIN NORTHBOUND AND SOUTHBOUND TRAFFIC AND CONSTRUCT PROPOSED IMPROVEMENTS OUTSIDE OF THE ROADWAY.

- INSTALL TRAFFIC CONTROL DEVICES, RECONFIGURE ONE-LANE TWO-WAY SETUP, AND SIGNING IN ACCORDANCE WITH STANDARD PLAN INDEX 102-601.
- MAINTAIN PEDESTRIAN TRAFFIC IN ACCORDANCE WITH STANDARD PLAN INDEX 102-660.
- CONSTRUCT CURB & GUTTER, CURB RAMPS, SIDEWALKS (ONE DIRECTION AT A TIME SO PEDESTRIAN TRAFFIC MAY BE MAINTAINED), SHARED USE PATH, SIGNALIZATION, SIGNING, AND DRAINAGE IMPROVEMENTS WITHIN WORK ZONE.

CONCURRENT WORK:

- SIGN CONSTRUCTION
- PLACING SOD

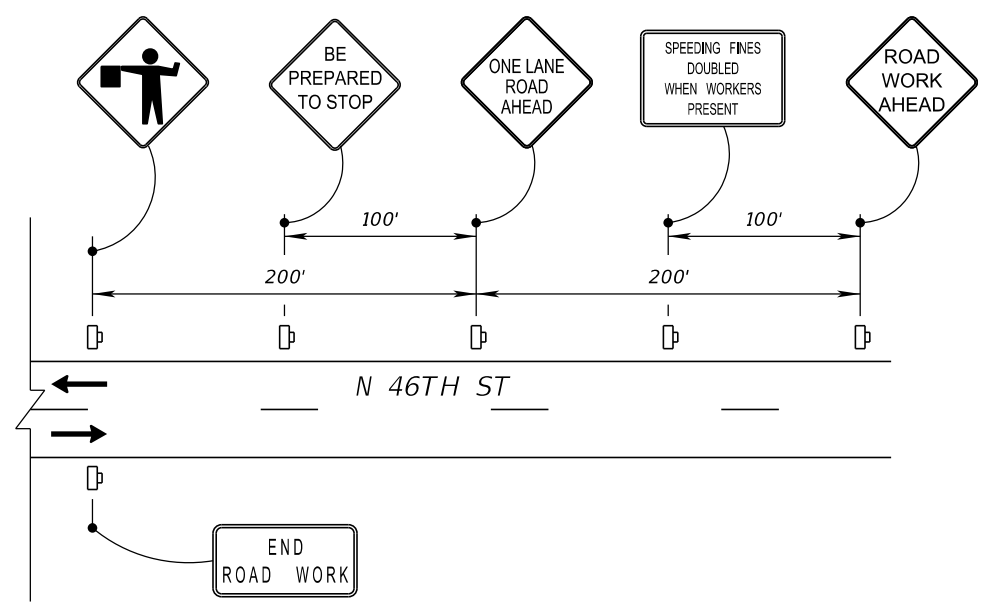
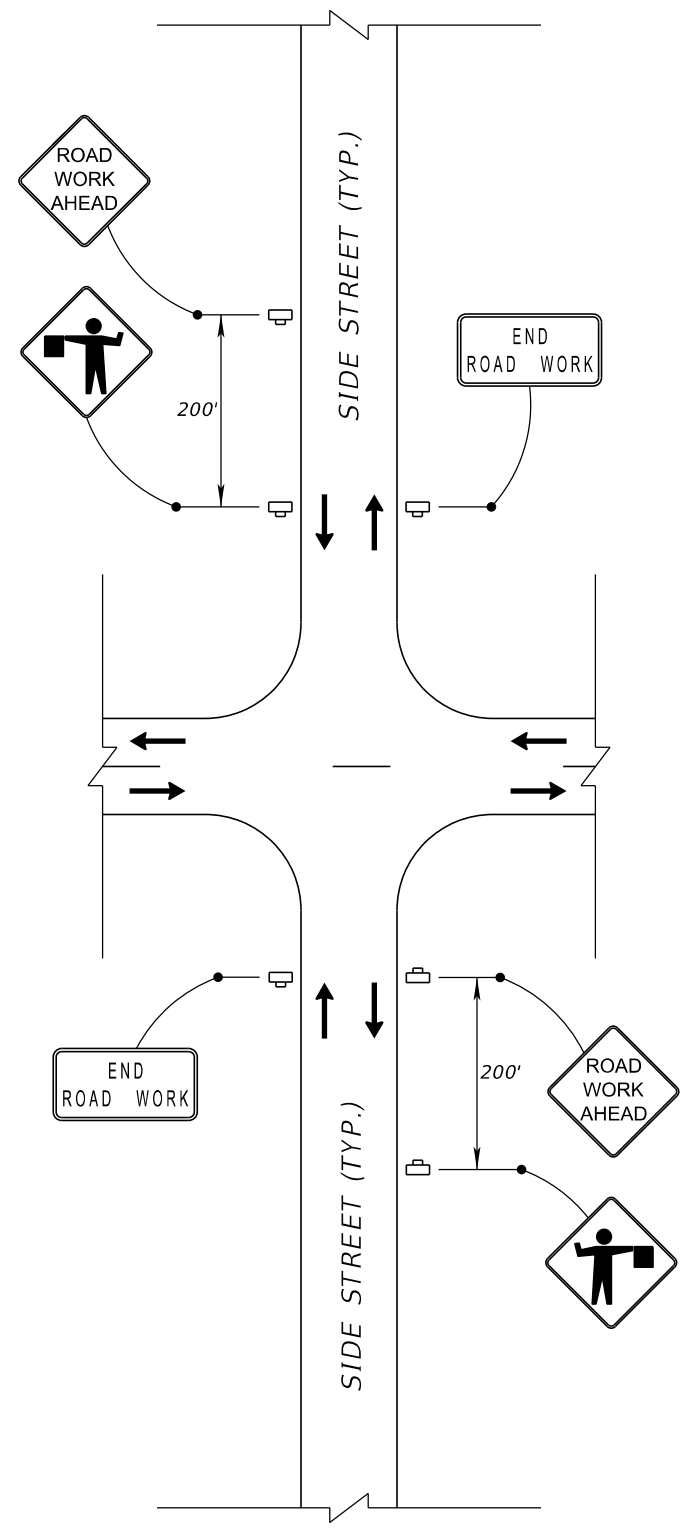
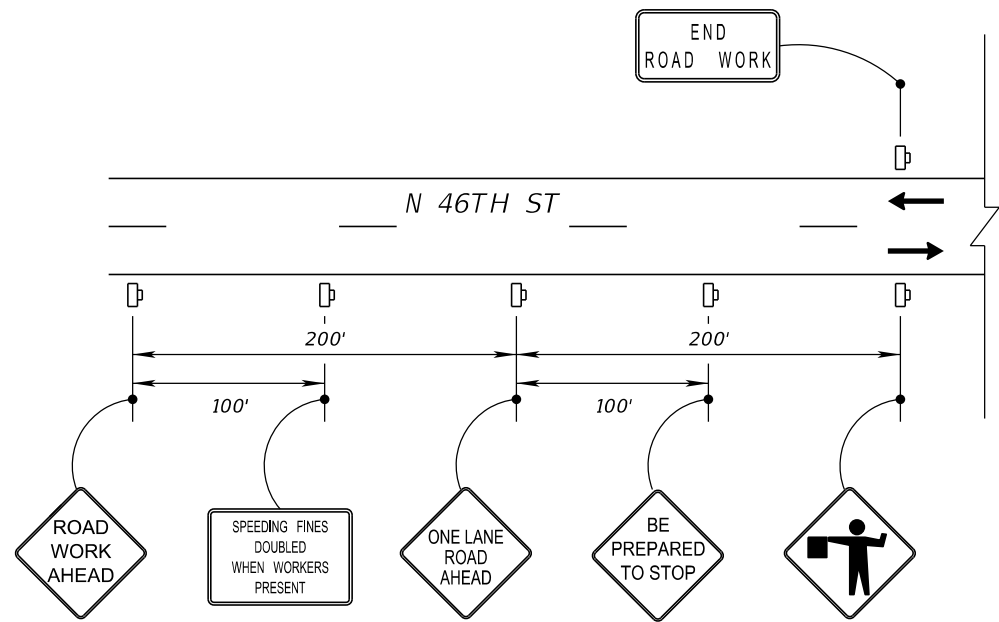
PHASE 4 - N 46TH ST AT E LINEBAUGH AVE

THE INTENT OF THIS PHASE IS TO CLOSE NORTHBOUND AND SOUTHBOUND TRAFFIC ALONG N 46TH ST AND TO CLOSE EASTBOUND AND WESTBOUND TRAFFIC ALONG E LINEBAUGH AVE. THIS WILL ALLOW FOR THE CONSTRUCTION OF THE MINI-ROUNDBOUT.

- SEE DETOUR SHEET

TTCP PHASING NOTES

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			TEMPORARY TRAFFIC CONTROL PLANS (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		124
						1001220	HILLSBOROUGH		437246-1-58-01



N 46TH ST ADVANCE WARNING LAYOUT DETAIL
N.T.S.

LEGEND

- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN

ADVANCE WARNING
DETAIL LAYOUT

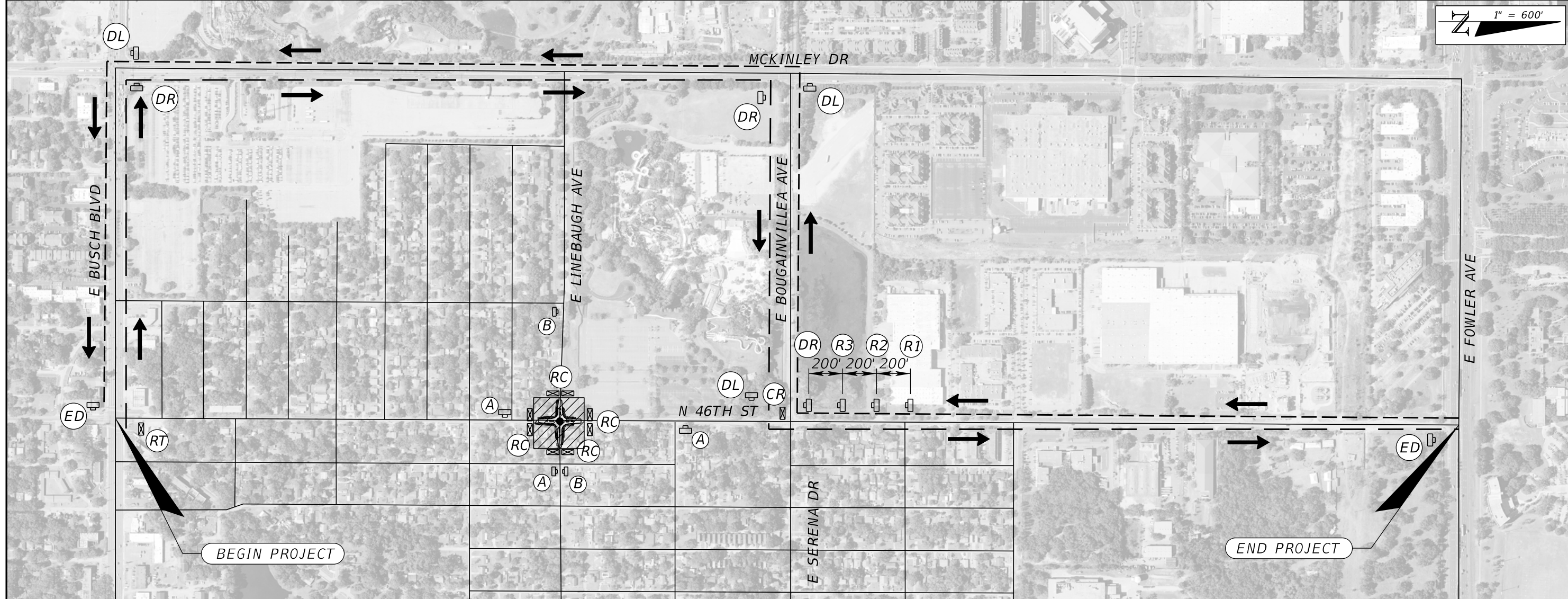
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

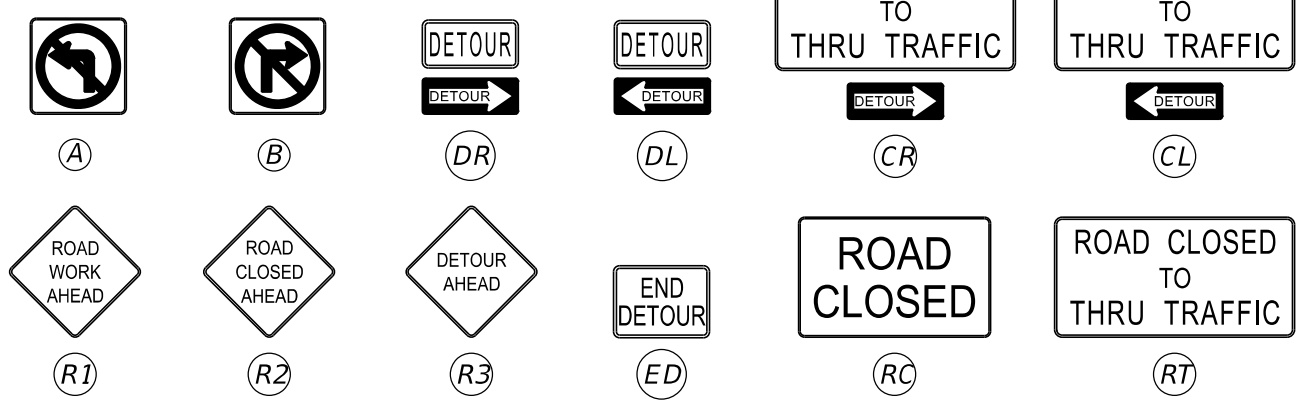
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

TEMPORARY TRAFFIC
CONTROL PLANS (2)

SHEET
NO.
125



SIGN LEGEND



LEGEND

- SOUTHBOUND DETOUR ROUTE
- - - NORTHBOUND DETOUR ROUTE
- ▨ WORK AREA
- ☒ ☒ ☒ TYPE III BARRICADE
- DIRECTION OF DETOURED TRAFFIC
- Ⓛ Ⓛ Ⓛ WORK ZONE SIGN

**N 46TH ST
DETOUR DETAIL**

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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		



BEGIN PROJECT

END PROJECT



LEGEND

- EASTBOUND DETOUR ROUTE
- - - WESTBOUND DETOUR ROUTE
- ▨ WORK AREA
- ⊠ TYPE III BARRICADE
- DIRECTION OF DETOURED TRAFFIC
- ⊠ WORK ZONE SIGN

SIGN LEGEND

**E LINEBAUGH AVE
DETOUR DETAIL**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

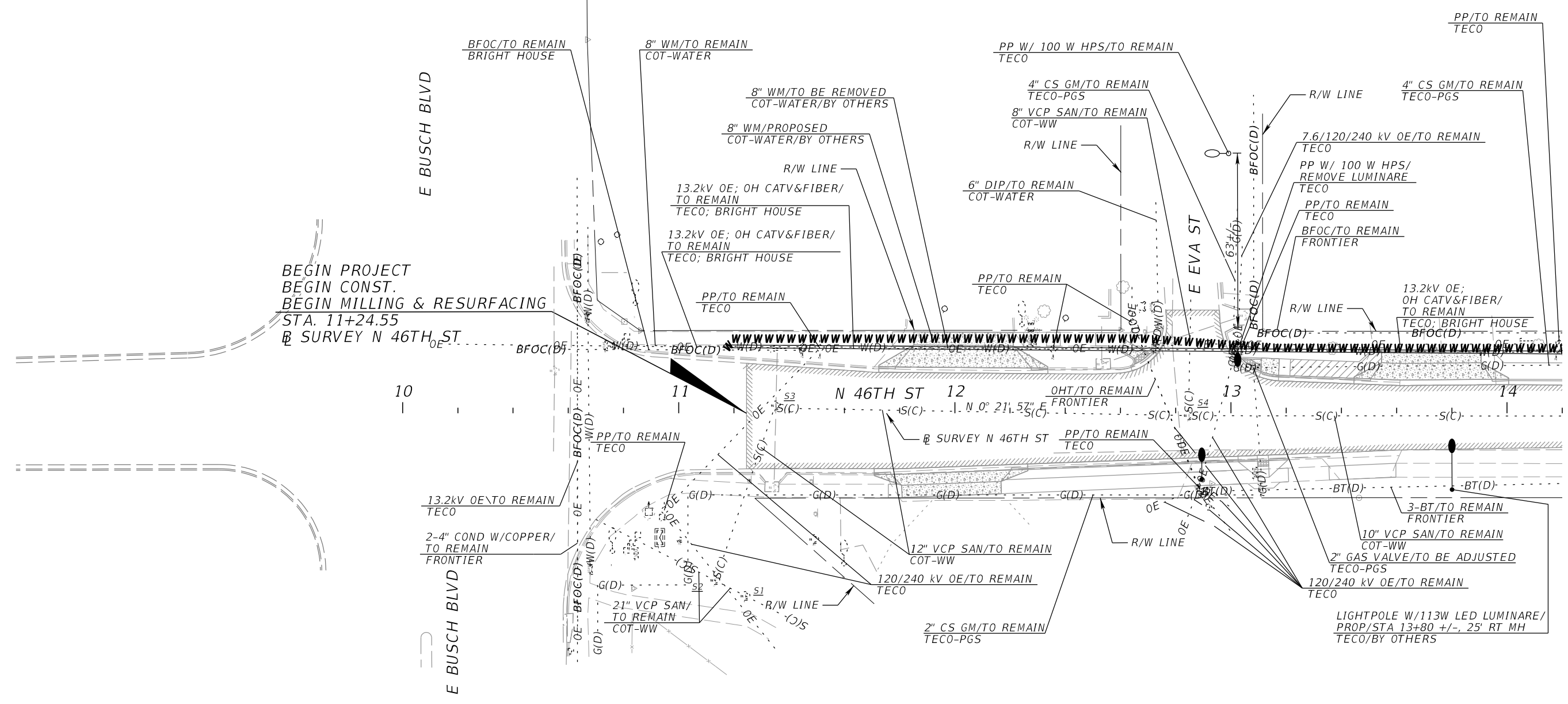
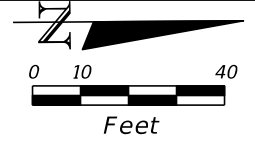
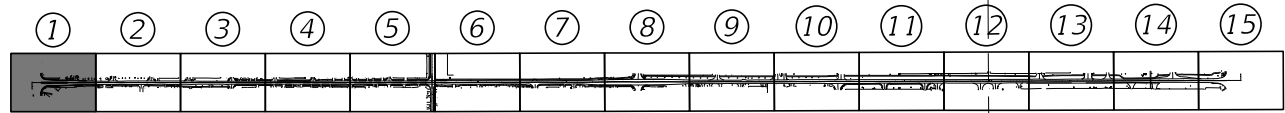
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P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
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CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
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**TEMPORARY TRAFFIC
CONTROL PLANS (4)**

SHEET NO.
127

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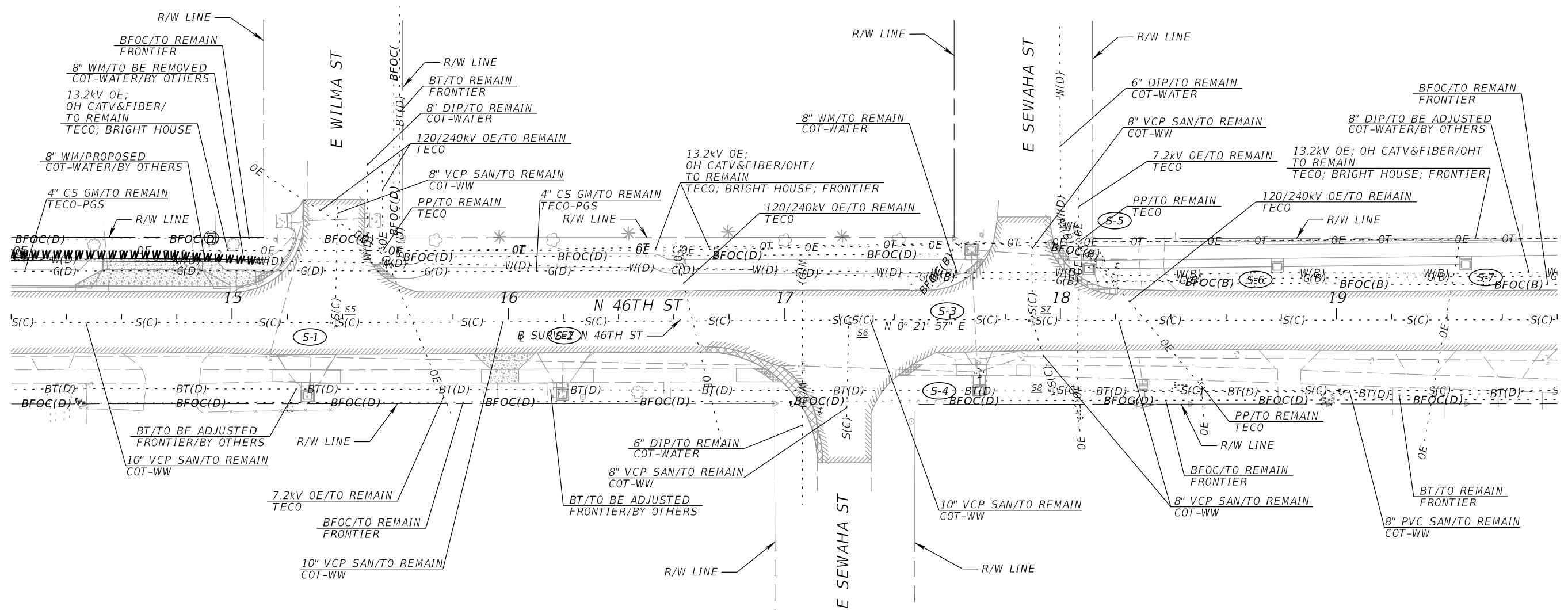
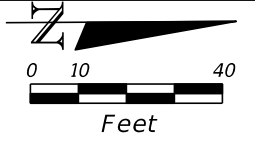
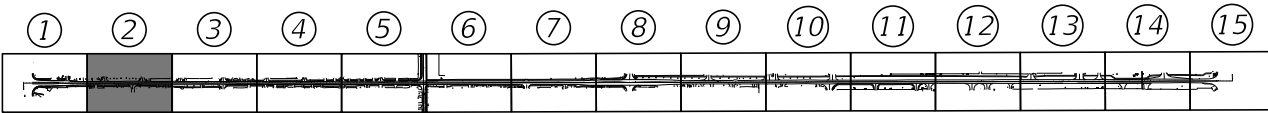
NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. CALL THE SUNSHINE STATE ONE CALL AT 811 AND THE UTILITY OWNERS 48 HOURS BEFORE BEGINNING WORK. NOT ALL UTILITIES ARE MEMBERS, WHICH WILL REQUIRE DIRECT CONTACT WITH NON-MEMBERS.
3. PHOTOMETRICS MEETING THE LIGHTING CRITERIA ARE BASED ON A LED LUMINAIRE MADE BY NAVION WHICH HAS 113 WATTS, 4 -FOOT BRACKET ARM AND MOUNTED AT 25 FEET UNLESS NOTED OTHERWISE. THE MODEL NUMBER IS: NVN-AF-02-LED-U-SL2 WITH INDIVIDUAL PHOTOCCELL AND IS POWERED THROUGH AERIAL CONDUCTORS.

4. UTILITY AGENCY OWNERS	COMPANY CONTACT	TELEPHONE NUMBERS	EMAIL ADDRESS
BRIGHT HOUSE NETWORKS	MARK GIURBINO	813-436-6431	MARK.GIURBINO@CHARTER.COM
CITY OF TAMPA-TRAFFIC	DON GILL	813-393-8499	DON.GILL@TAMPAGOV.NET
CITY OF TAMPA-WASTEWATER	JACK FERRAS	813-274-8095	JACK.FERRAS@TAMPAGOV.NET
CITY OF TAMPA WATER	REYNALDO DESHAUTEURS	813-724-7221	WATERUTILITYCOORDINATION@TAMPAGOV.NET
CROWN CASTLE FIBER	DANNY HASKETT	786-610-7073	DANNY.HASKETT@CROWNCastle.COM
FRONTIER COMMUNICATIONS	KRAIVUTH CHOEKRAJANG	813-875-1014	KRAIVUTH.CHOEKRAJANG@FTR.COM
MCI	EFRAIN RODRIGUEZ	469-886-4238	INVESTIGATIONS@VERIZON.NET
TECO-ENERGY	DAN BREZNAY	813-275-3428	DWBREZNAY@TECOENERGY.COM
TECO-PEOPLES GAS	JOAN DOMNING	813-275-3783	JDOMNING@TECOENERGY.COM
UNITI FIBER	DAVID WOODS	813-539-1180	DAVID.WOODS@UNITI.COM

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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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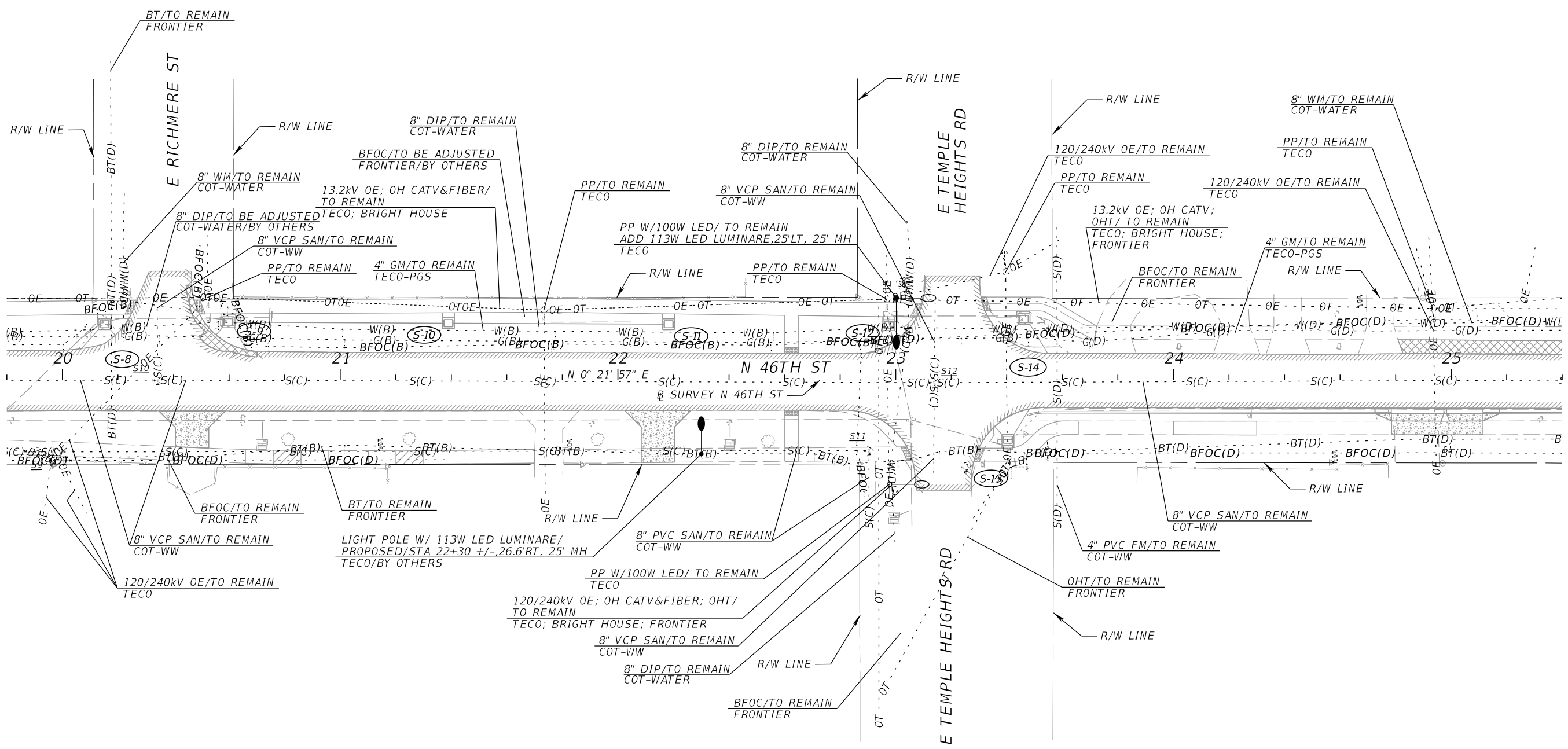
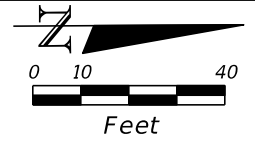
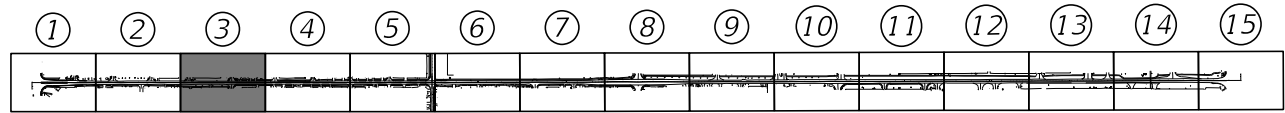
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
 P.E. LICENSE NUMBER 39196
 AYRES ASSOCIATES
 8875 HIDDEN RIVER PKWY, SUITE 200
 TAMPA, FL 33637
 CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

UTILITY ADJUSTMENTS (2)	SHEET NO. 129
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

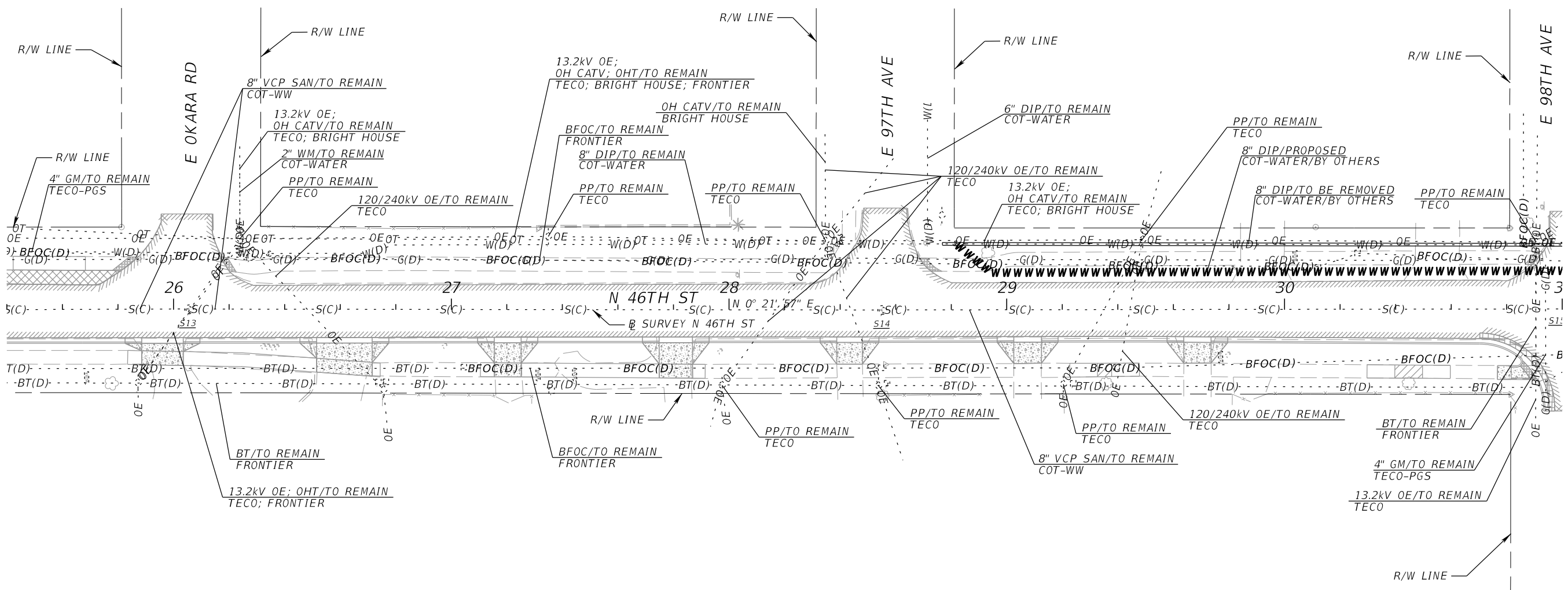
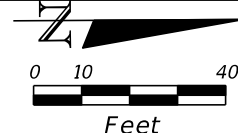
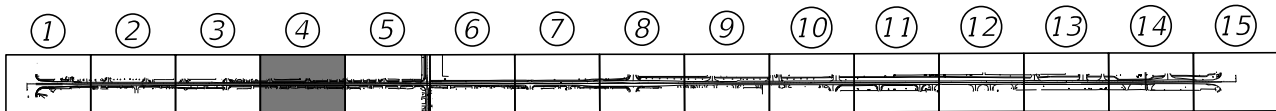
JEFFREY SIEWERT, P.E.
 P.E. LICENSE NUMBER 39196
 AYRES ASSOCIATES
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 TAMPA, FL 33637
 CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
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UTILITY ADJUSTMENTS (3)

SHEET NO.
130

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

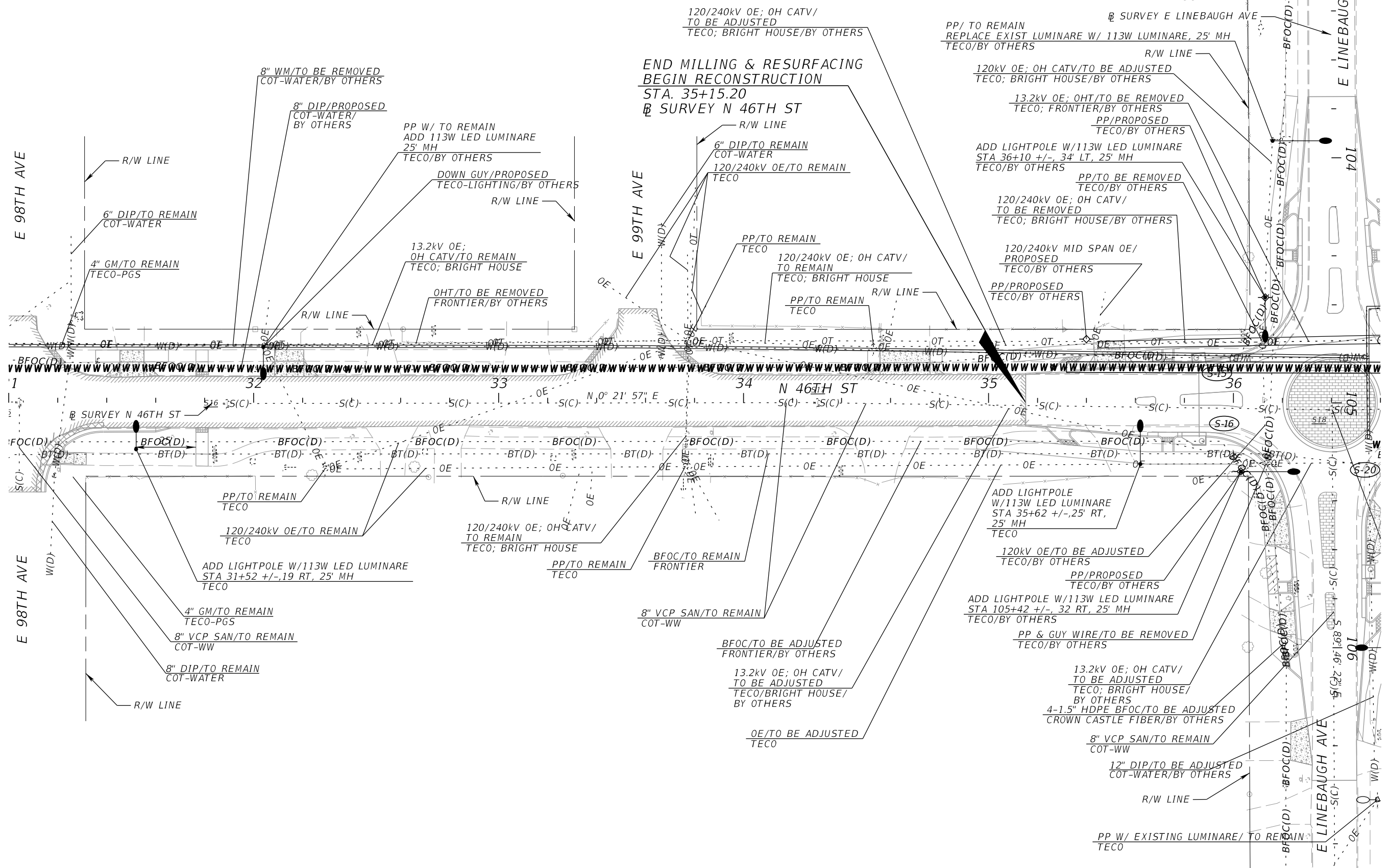
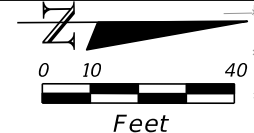
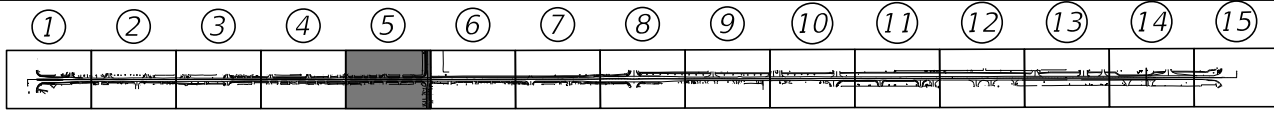
JEFFREY SIEWERT, P.E.
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CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

UTILITY ADJUSTMENTS (4)

SHEET NO.
131

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REVISIONS			
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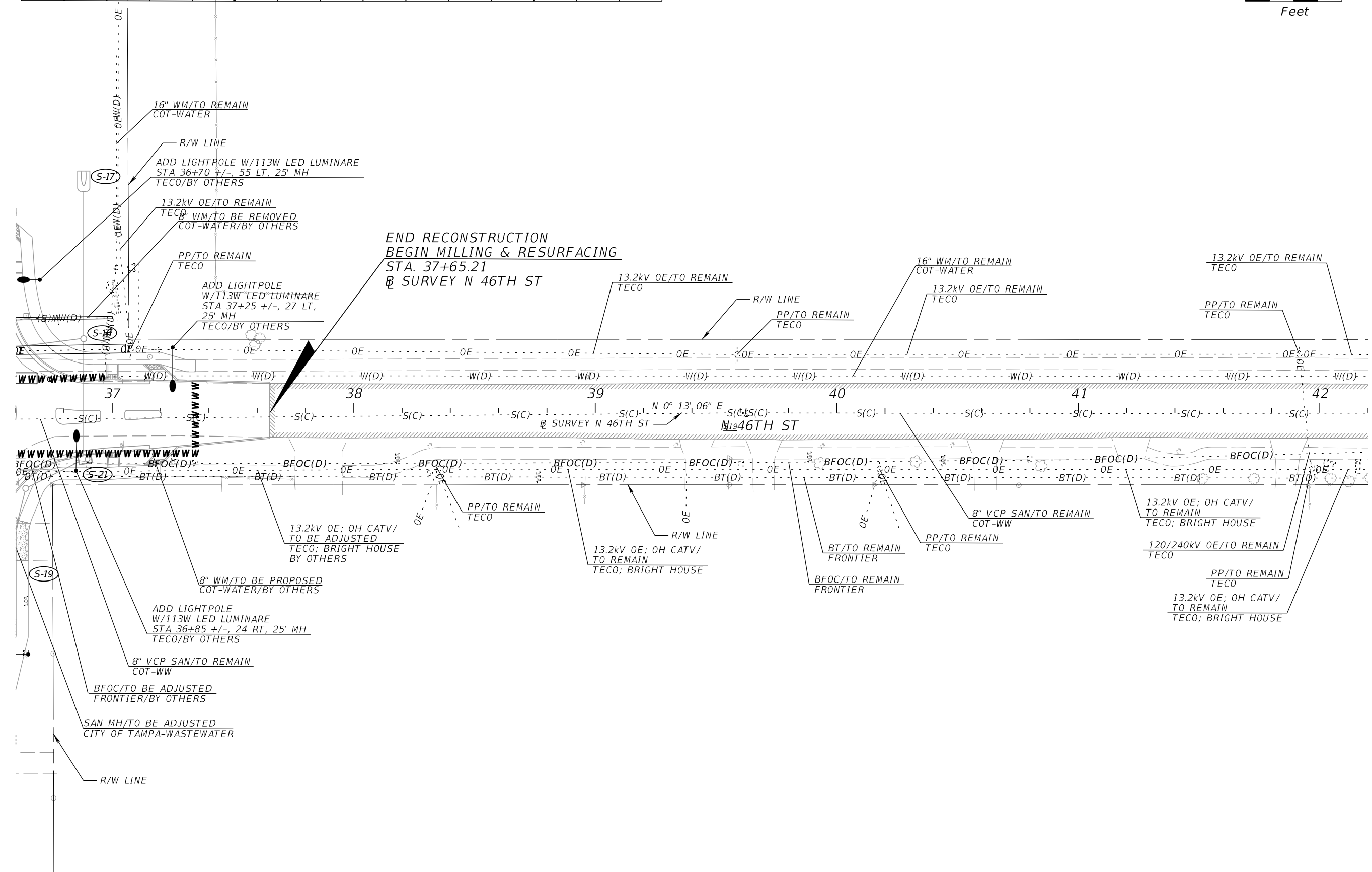
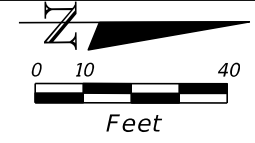
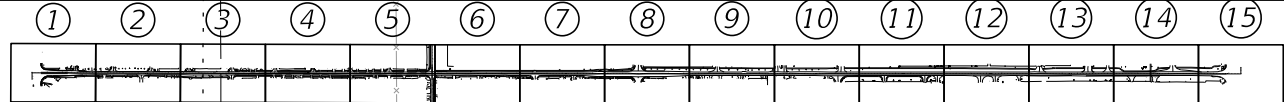
JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

UTILITY ADJUSTMENTS (5)

SHEET NO.
132

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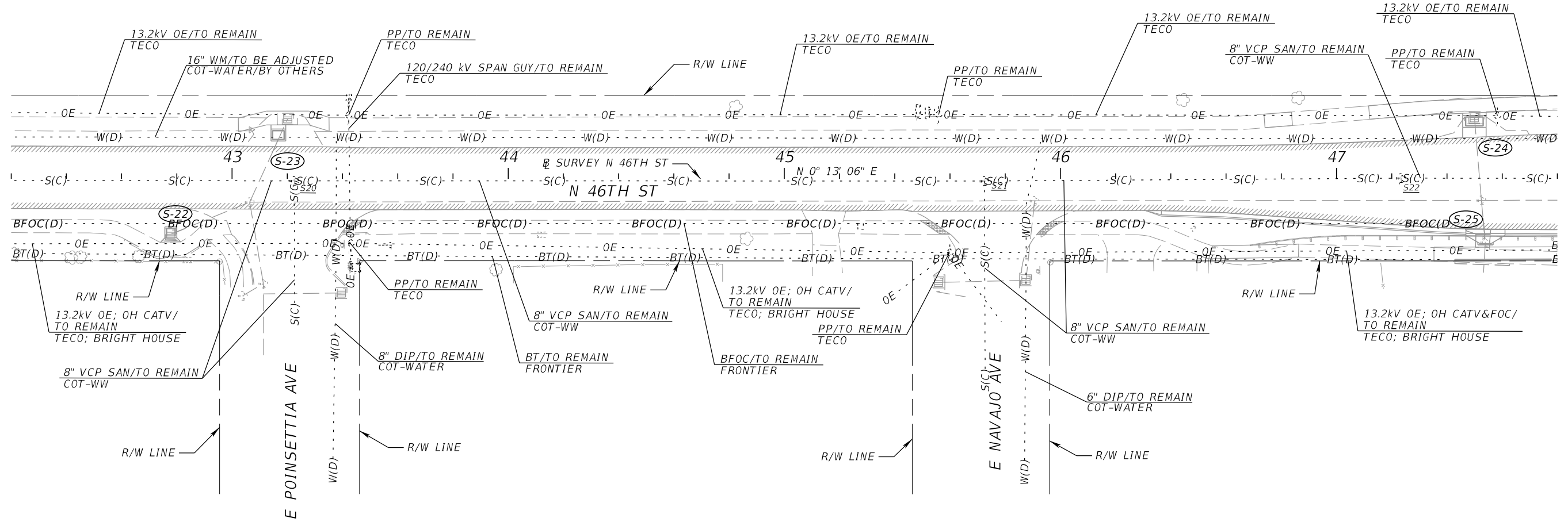
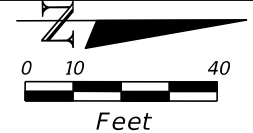
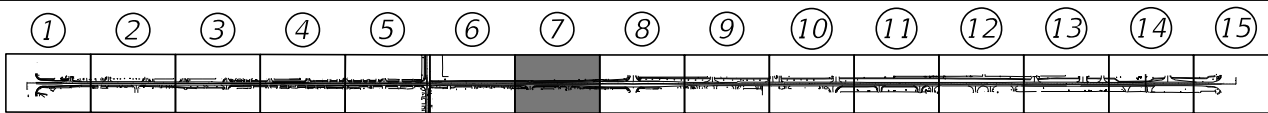
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

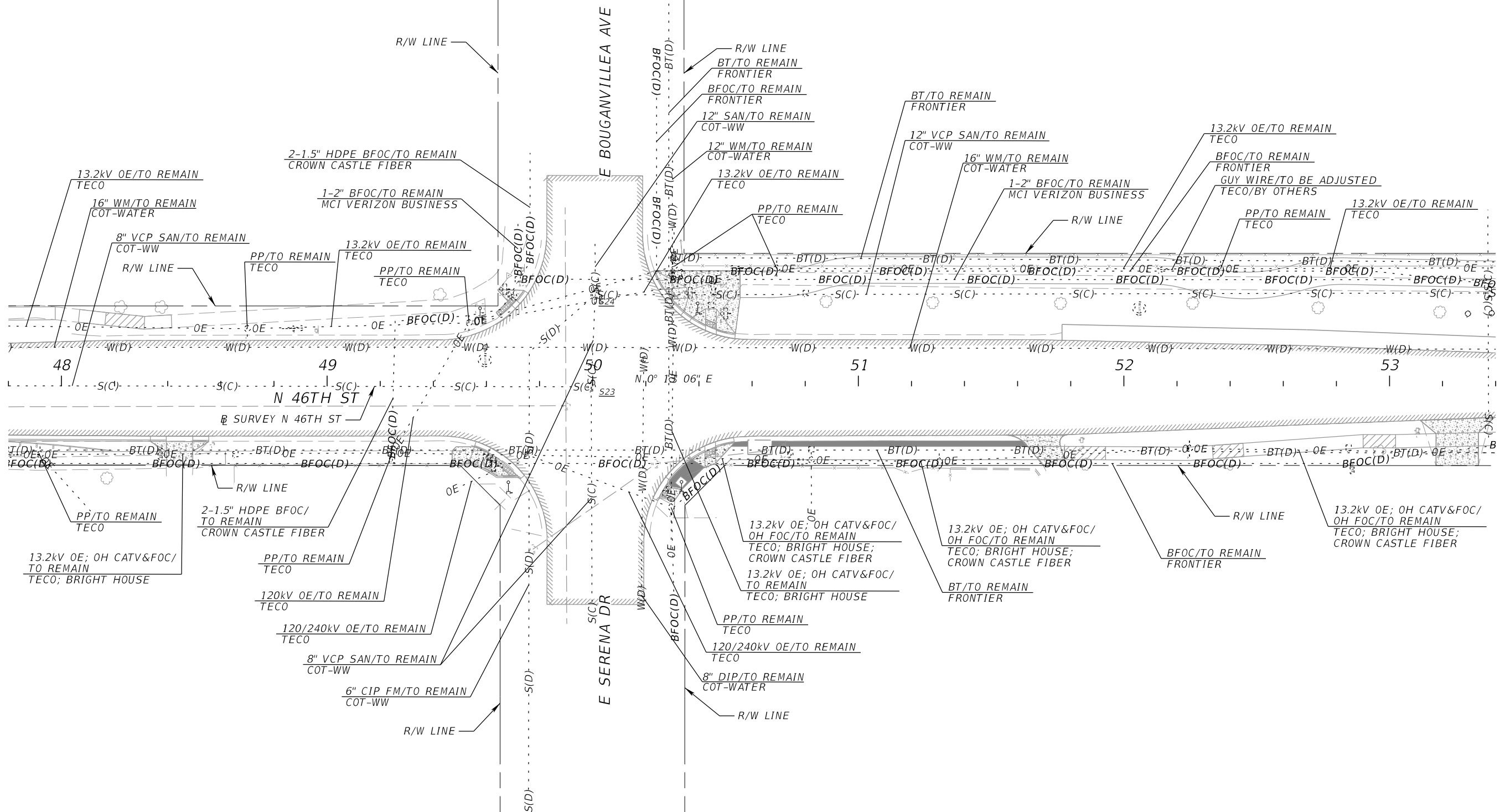
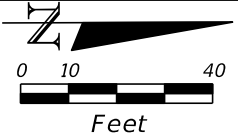
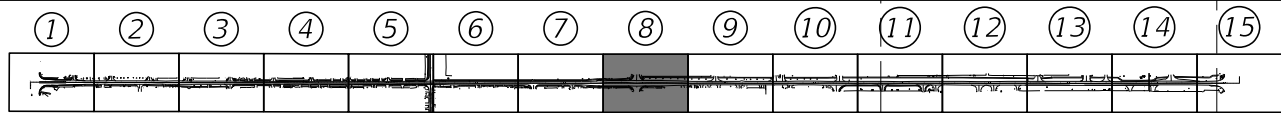
UTILITY ADJUSTMENTS (6)	SHEET NO. 133
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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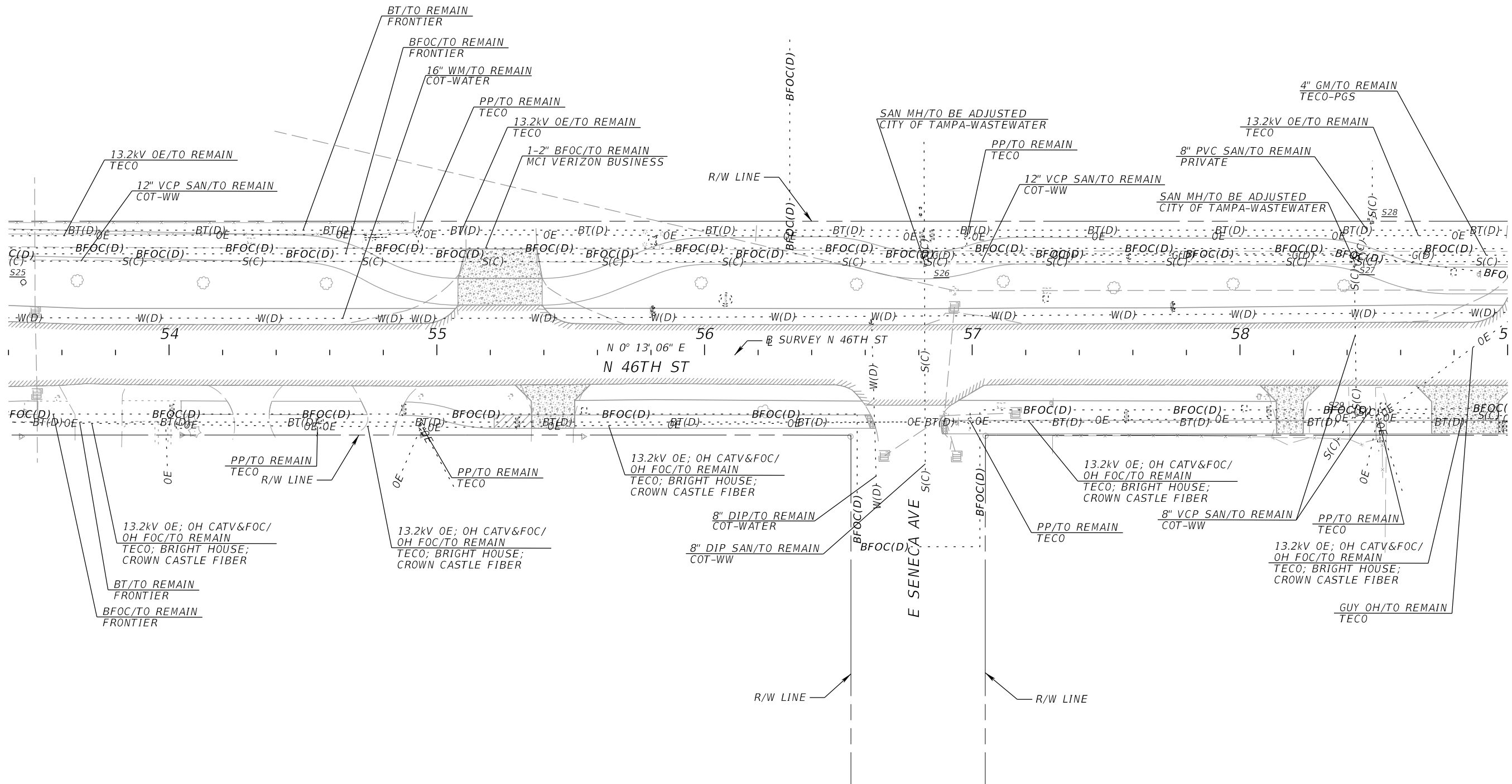
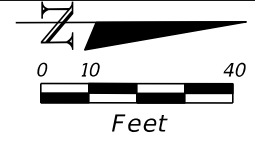
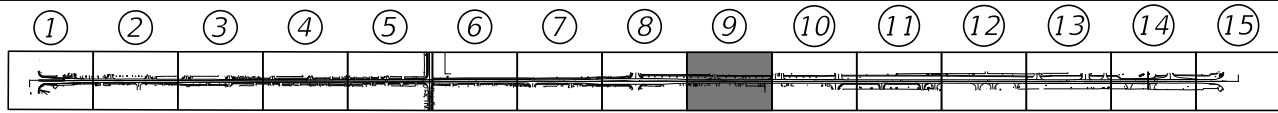
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CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

UTILITY ADJUSTMENTS (8)

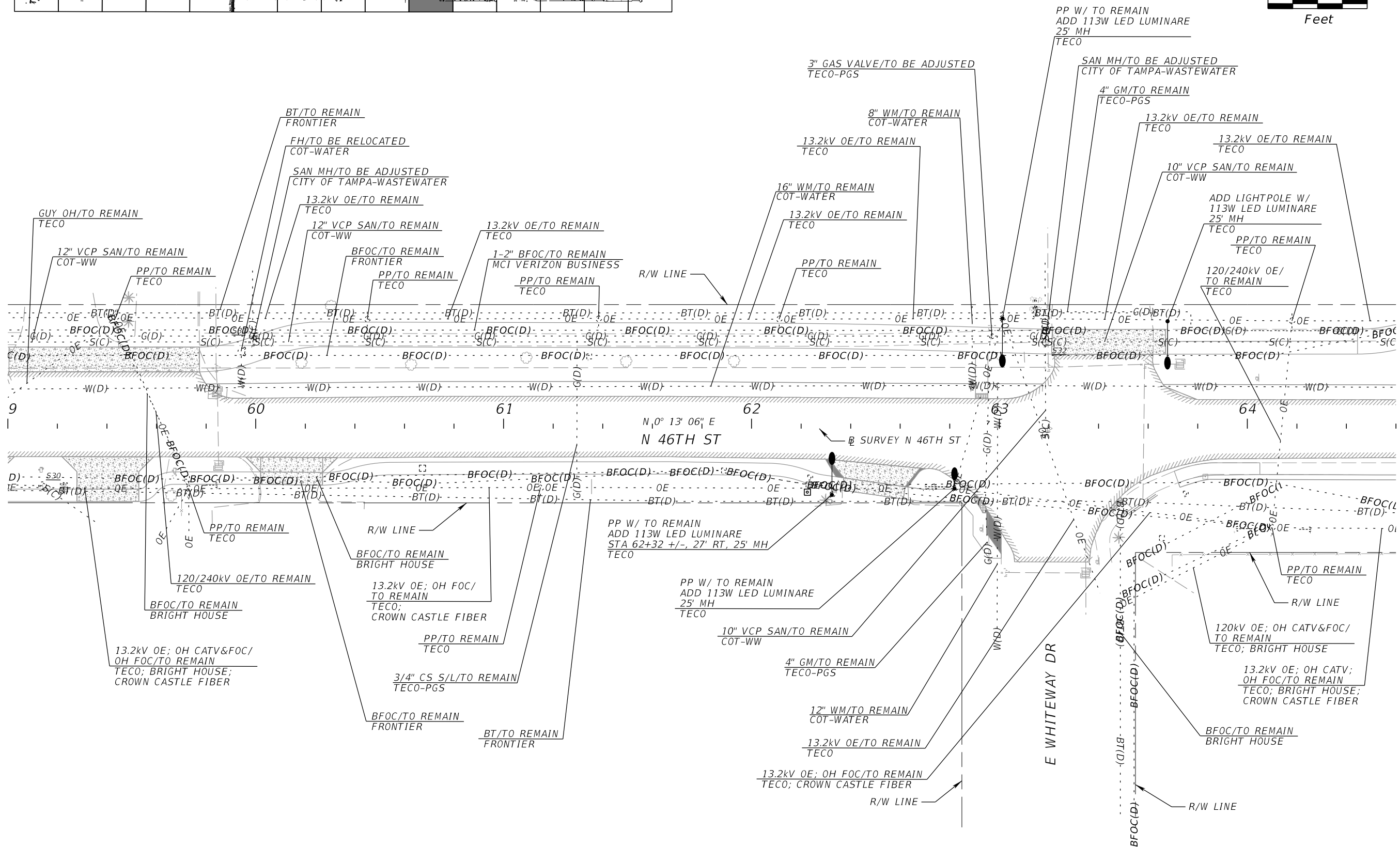
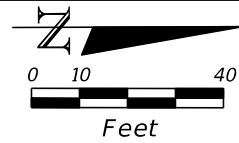
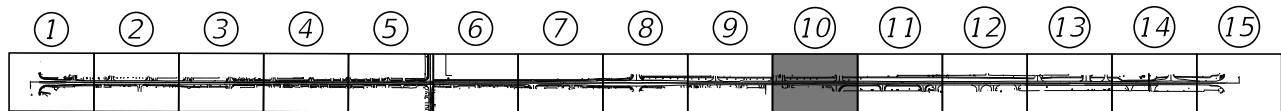
SHEET NO.
135

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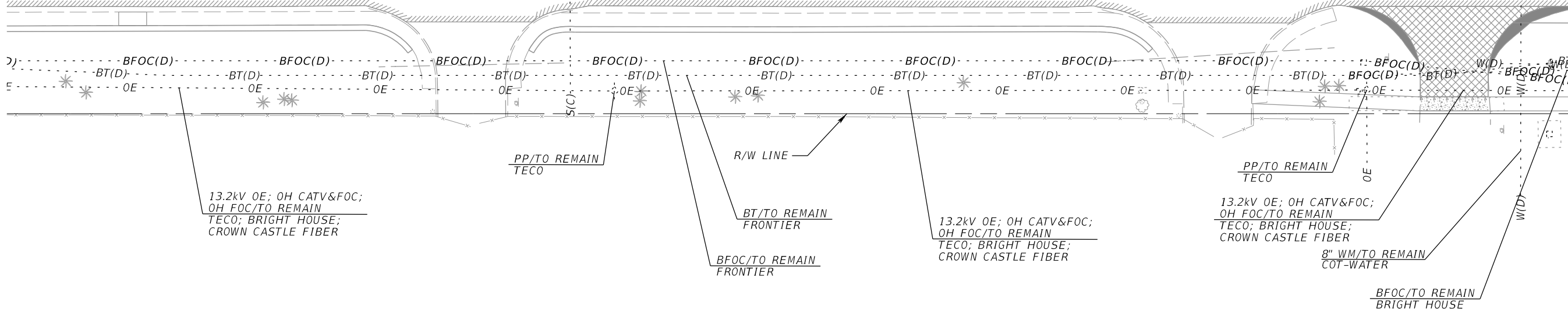
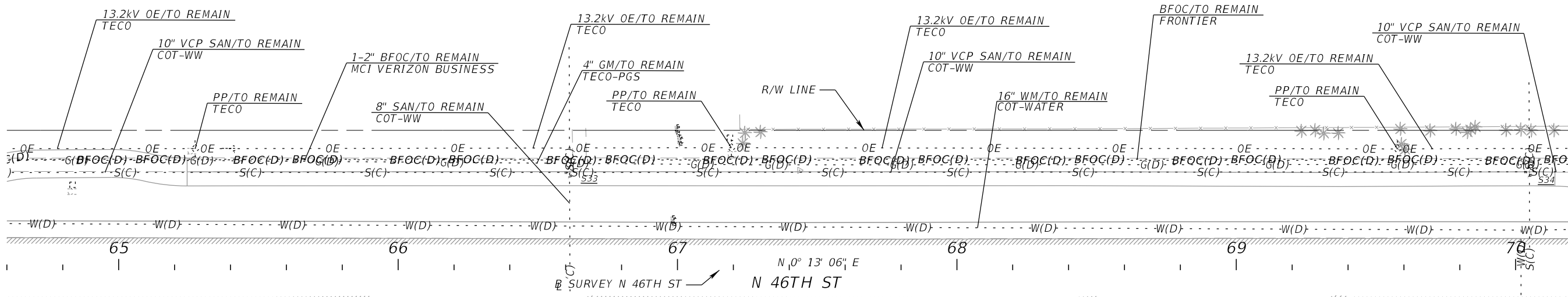
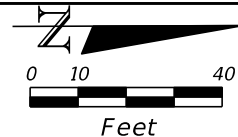
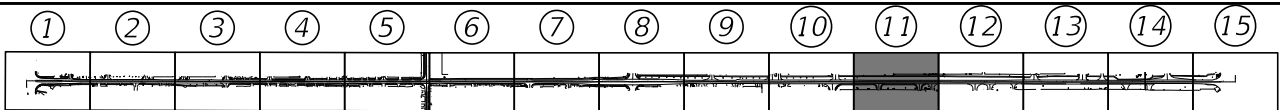
REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. 136
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

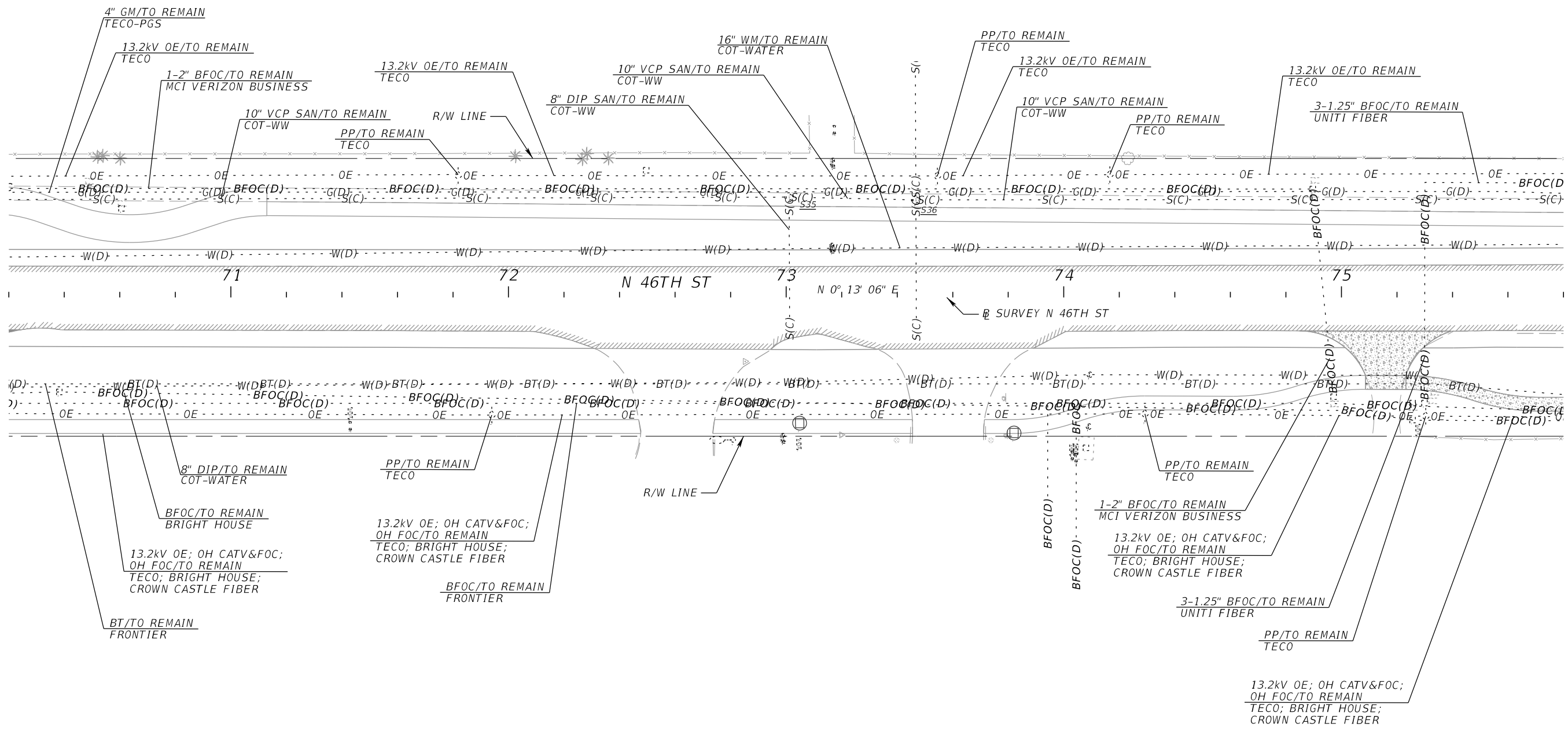
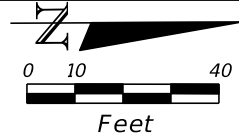
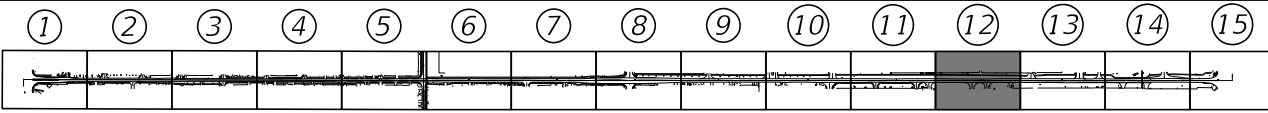
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CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

UTILITY ADJUSTMENTS (11)

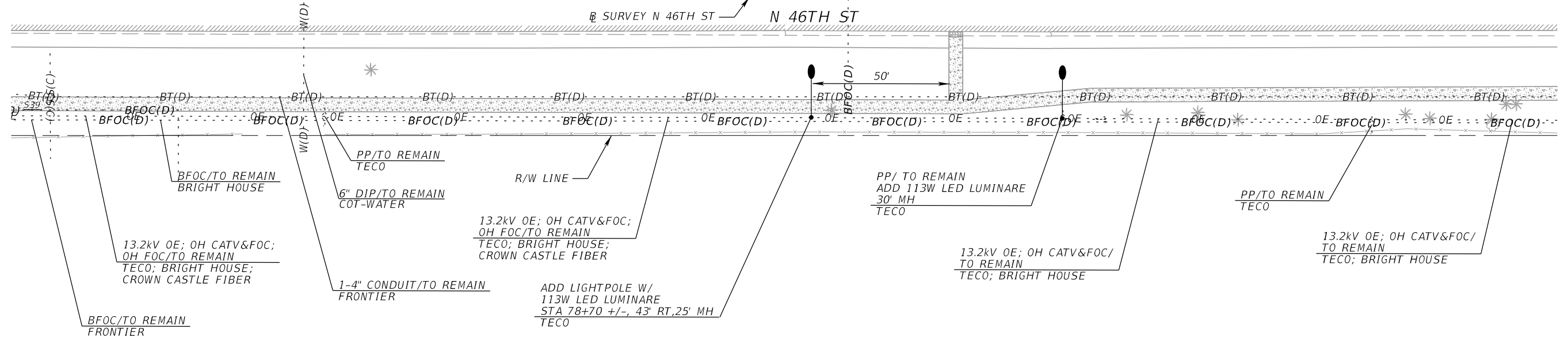
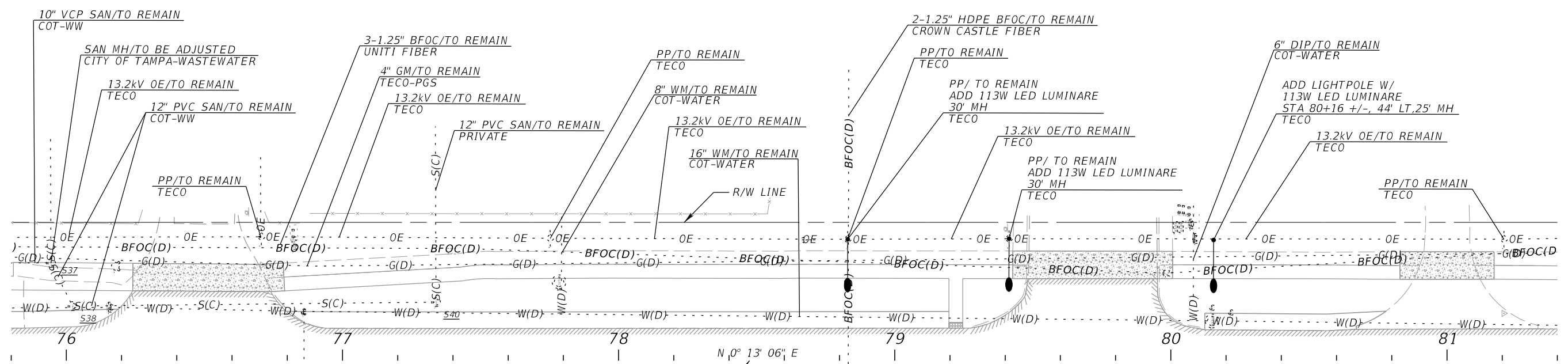
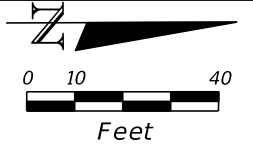
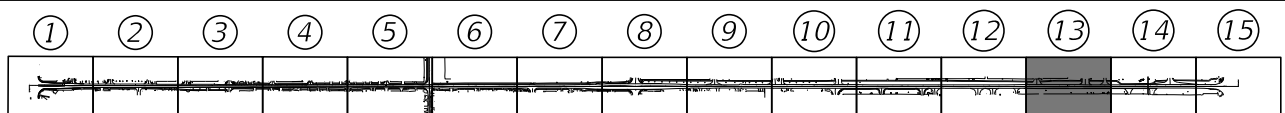
SHEET NO. 138

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REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			UTILITY ADJUSTMENTS (12)	SHEET NO. 139
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

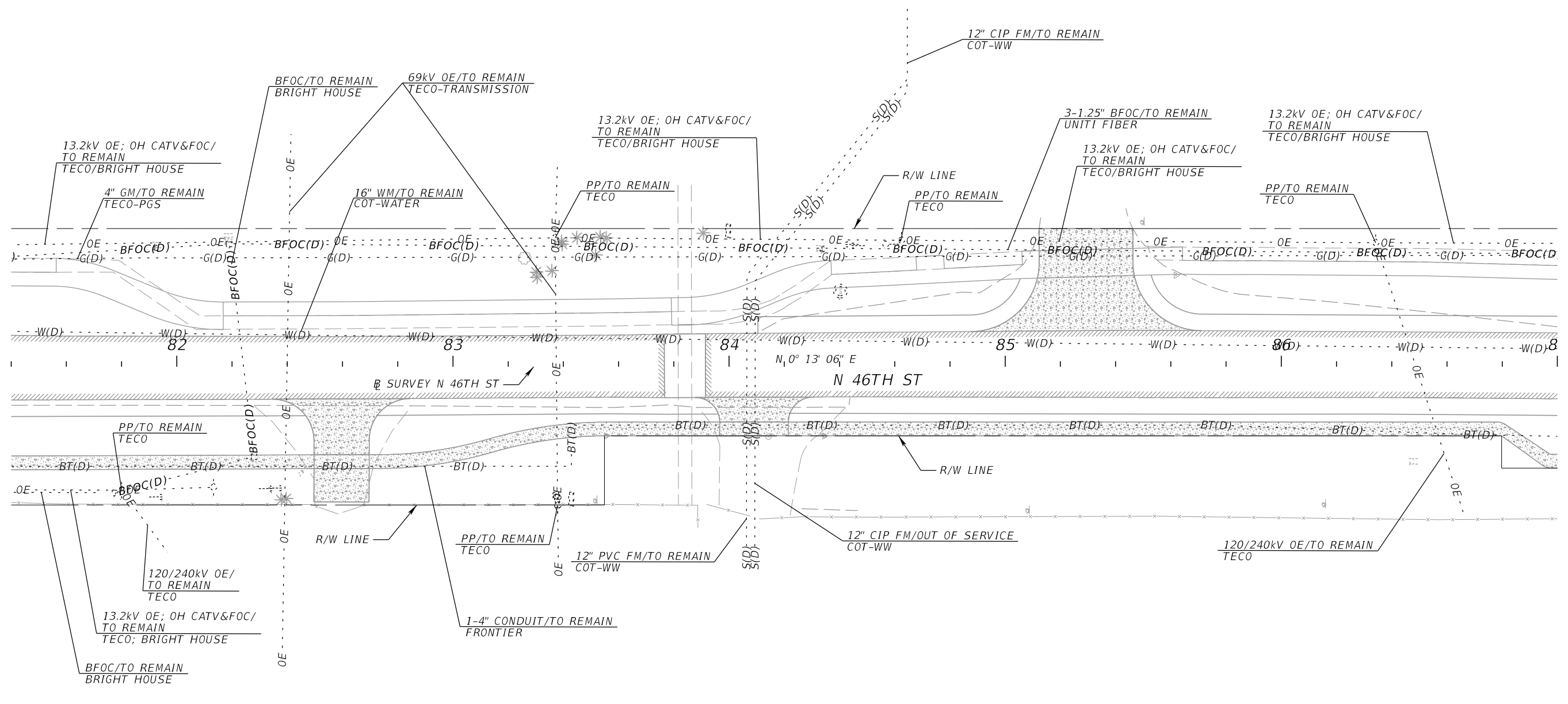
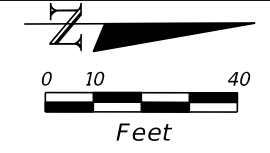
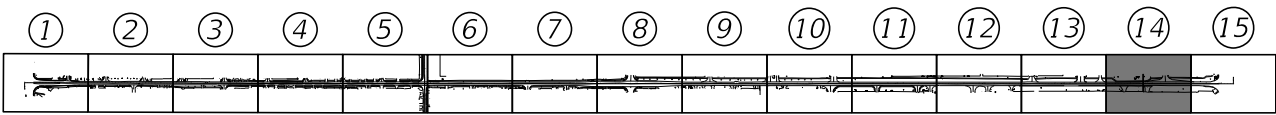
JEFFREY SIEWERT, P.E.
 P.E. LICENSE NUMBER 39196
 AYRES ASSOCIATES
 8875 HIDDEN RIVER PKWY, SUITE 200
 TAMPA, FL 33637
 CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

UTILITY ADJUSTMENTS (13)

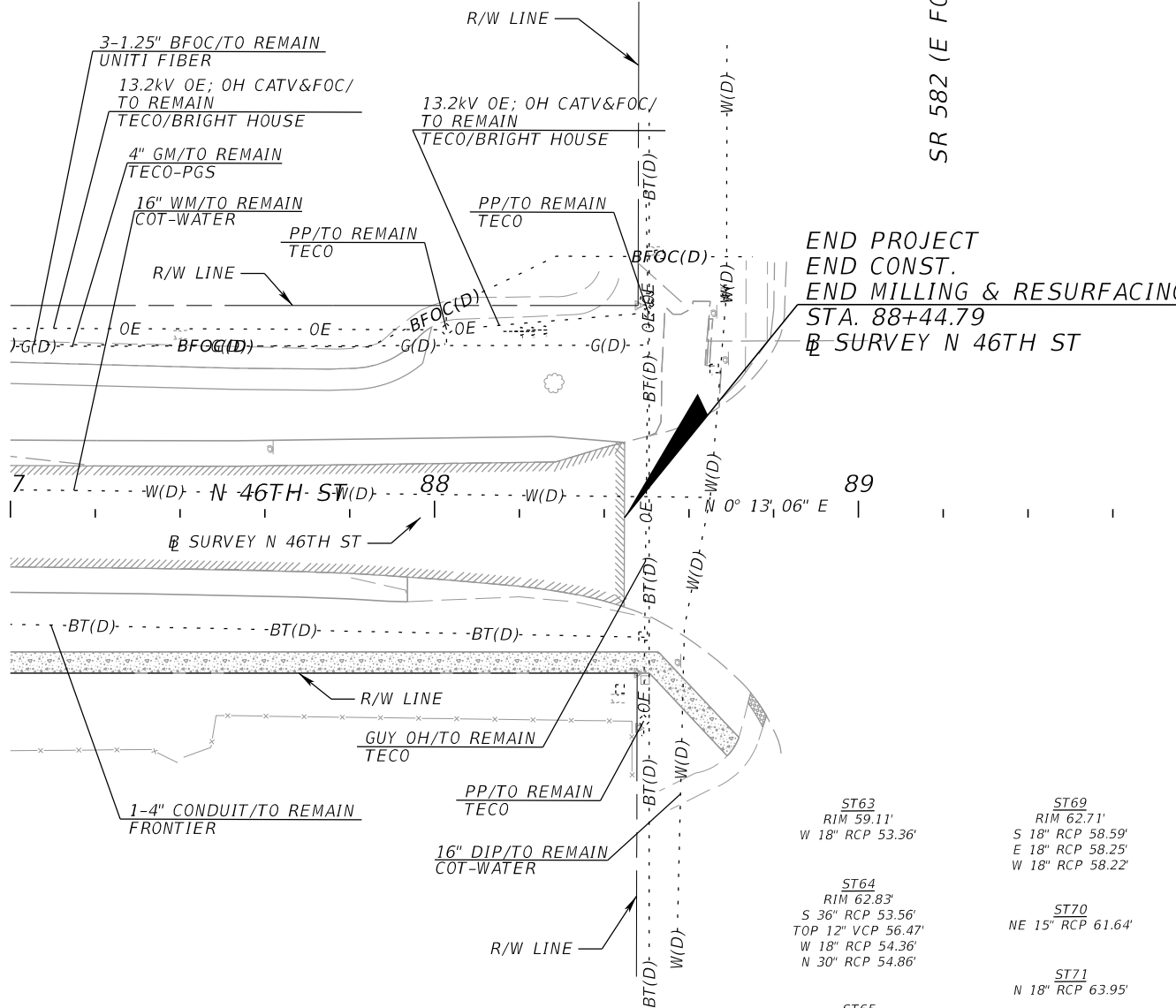
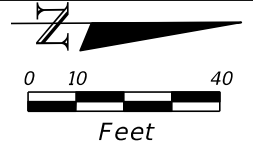
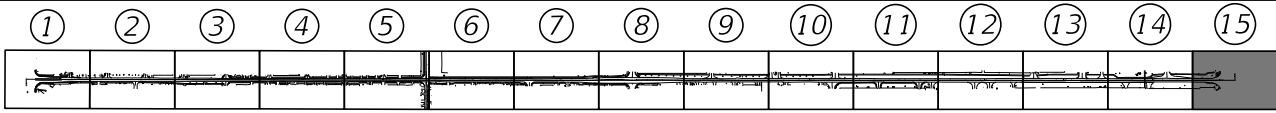
SHEET NO.
140

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REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			<i>UTILITY ADJUSTMENTS (14)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
						1001220	HILLSBOROUGH		437246-1-58-01

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SR 582 (E FOWLER AVE)

END PROJECT
END CONST.
END MILLING & RESURFACING
STA. 88+44.79
SURVEY N 46TH ST

SR 582 (E FOWLER AVE)

- ST1
RIM 39.32'
E/W 6"x5" BOX
BOTTOM 29.13'
- ST2
W 48" RCP 32.60'
E 48" RCP 32.56'
- ST3
RIM 39.71'
W 18" RCP 32.61'
- ST4
RIM 40.08'
W 6" CIP 37.51'
NW 15" RCP 32.91'
- ST5
RIM 39.62'
NW 15" RCP 32.35'
SE 15" RCP 32.29'
E 18" RCP 30.46'
W 18" RCP 30.35'
- ST6
RIM 39.49'
SE 15" RCP 33.12'
- ST7
RIM 40.06'
W 18" RCP 30.32'
S 53"x83" RCP 30.37'
N 53"x83" RCP 30.11'
- ST8
RIM 37.98'
NW 18" RCP 30.88'
S 53"x83" RCP 30.58'
N 53"x83" RCP 30.58'
- ST9
RIM 38.16'
W 12" RCP 33.69'
- ST10
RIM 37.81'
N 15" RCP 31.50'
- ST11
RIM 37.87'
S 15" RCP 31.21'
N 15" RCP 31.01'
W 18" RCP 31.01'
SE 18" RCP 30.98'
- ST12
RIM 38.12'
S 15" RCP 31.43'
- ST13
RIM 38.45'
W 15" RCP 32.89'
- ST14
RIM 38.59'
S 53"x83" RCP 31.20'
N 53"x83" RCP 30.99'
- ST15
RIM 38.64'
N 18" RCP 34.16'
E 24" RCP 34.27'
- ST16
RIM 38.10'
E 15" RCP 34.49'
W 24" RCP 33.59'
S 53"x83" RCP 31.16'
N 53"x83" RCP 31.01'
- ST17
RIM 38.08'
W 15" RCP 35.00'
- ST18
RIM 38.41'
S 53"x83" RCP 31.28'
N 53"x83" RCP 31.12'
- ST19
RIM 38.70'
N 15" RCP 35.36'
S 18" RCP 35.26'
- ST20
GRATE 38.50'
W 15" RCP 34.05'
E 15" RCP 33.85'
- ST21
15" RCP 35.59'
- ST22
15" RCP 36.35'
- ST23
RIM 39.33'
NW 12"x18" RCP 32.81'
N 48" RCP 31.70'
S 53"x83" RCP 31.60'
- ST24
RIM 39.46'
N 12"x18" RCP 35.66'
SE 12"x18" RCP 32.94'
- ST25
RIM 39.60'
N 12"x18" RCP 35.95'
S 12"x18" RCP 35.85'
- ST26
12"x18" RCP 36.16'
- ST27
GRATE 38.75'
W 15" RCP 37.00'
- ST28
12" RCP 38.47'
- ST29
12" RCP 38.62'
- ST30
GRATE 40.35'
W 12" RCP 38.35'
- ST31
GRATE 39.83'
NW 12"x18" RCP 35.29'
- ST32
RIM 41.05'
N 19"x30" RCP 35.85'
W 12"x18" RCP 34.84'
E 36" RCP 33.02'
S 48" RCP 32.97'
- ST33
RIM 41.61'
N 12"x18" RCP 35.33'
NE 12"x18" RCP 35.56'
- ST34
RIM 41.77'
S 12"x18" RCP 35.98'
- ST35
RIM 41.96'
S 19"x30" RCP 36.06'
- ST36
RIM 57.33'
NW 18" RCP 52.83'
- ST37
RIM 57.58'
N 24" RCP 51.26'
NW 15" RCP 54.66'
SE 18" RCP 52.36'
E 18" RCP 52.85'
- ST38
RIM 56.76'
SE 15" RCP 54.90'
- ST39
RIM 58.91'
W 18" RCP 53.34'
SE 15" RCP 54.13'
E 18" RCP 53.33'
- ST40
RIM 59.29'
NW 15" RCP 54.01'
- ST41
RIM 58.57'
S 15" RCP 56.23'
- ST42
RIM 56.27'
N 15" RCP 51.32'
- ST43
RIM 56.83'
N 24" RCP 50.13'
S 24" RCP 50.23'
E 18" RCP 51.21'
- ST44
RIM 57.25'
W 18" RCP 51.35'
S 15" RCP 51.42'
- ST45
RIM 55.86'
E 18" RCP 52.55'
- ST46
RIM 56.43'
N 24" RCP 49.36'
S 24" RCP 49.57'
E 18" RCP 49.91'
W 18" RCP 52.28'
- ST47
RIM 56.66'
E 18" RCP 49.74'
- ST48
W 18" RCP 49.67'
- ST49
RIM 57.31'
S 24" RCP 48.26'
E 36" RCP 46.85'
W 48" RCP 44.71'
- ST50
RIM 57.86'
NW 15" RCP 48.96'
- ST51
RIM 57.21'
N 15" RCP 51.39'
SE 15" RCP 51.28'
- ST52
RIM 57.36'
S 15" RCP 52.16'
- ST53
RIM 55.48'
W 24" RCP 47.34'
E 18" RCP 47.47'
- ST54
RIM 55.60'
W 18" RCP 48.31'
E 18" RCP 49.49'
- ST55
RIM 57.48'
N 48" RCP 48.16'
S 48" RCP 48.11'
E 24" RCP 49.23'
- ST56
RIM 56.95'
E 18" RCP 49.81'
W 24" RCP 49.63'
- ST57
RIM 57.82'
W 18" RCP 50.78'
NE 18" RCP 51.001'
SE 18" RCP 52.35'
N 18" RCP 52.65'
- ST58
RIM 58.00'
SW 18" RCP 54.61'
- ST59
RIM 58.11'
NW 18" RCP 53.66'
- ST60
RIM 57.29'
S 18" RCP 53.65'
- ST61
RIM 59.17'
S 48" RCP 49.90'
N 36" RCP 50.17'
E 18" RCP 52.00'
W 18" RCP 50.22'
- ST62
RIM 58.62'
E 18" RCP 51.99'
W 18" RCP 52.03'

- ST63
RIM 59.11'
W 18" RCP 53.36'
- ST64
RIM 62.83'
S 36" RCP 53.56'
TOP 12" VCP 56.47'
W 18" RCP 54.36'
N 30" RCP 54.86'
- ST65
RIM 63.24'
N 30" RCP 55.59'
S 30" RCP 55.26'
E 46" X 32" RCP 58.22'
- ST66
RIM 62.18'
S 30" RCP 55.64'
- ST67
W 46" X 32" RCP 59.19'
- ST68
RIM 63.35'
N 18" RCP 59.12'
- ST69
RIM 62.71'
S 18" RCP 58.59'
E 18" RCP 58.25'
W 18" RCP 58.22'
- ST70
NE 15" RCP 61.64'
- ST71
N 18" RCP 63.95'
- ST72
S 18" RCP 64.37'
- ST73
N 15" RCP 66.95'
- ST74
S 15" RCP 67.94'
- ST75
SW 36" RCP 54.77'
- ST76
N 24" RCP 54.28'

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. UTILITY ADJUSTMENTS (15) 142
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

INDEX OF SUMMARY OF QUANTITY SHEETS

SHEET NO.	SHEET NO.
SQ-1	SUMMARY OF LUMP SUM ITEMS SUMMARY OF TEMPORARY TRAFFIC CONTROL PLANS SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION
SQ-2 - SQ-5	SUMMARY OF LITTER REMOVAL AND MOWING
SQ-6 - SQ-9	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
SQ-10	SUMMARY OF MAILBOXES
SQ-11	SUMMARY OF PAVEMENT
SQ-12	SUMMARY OF UTILITY ADJUSTMENTS
SQ-13	SUMMARY OF RAILINGS SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
SQ-14	SUMMARY OF FENCING
SQ-15 - SQ-19	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS
SQ-20 - SQ-22	SUMMARY OF PERFORMANCE TURF

PAY ITEM NOTES

SHEET NO.	NOTES
0110 1	REMOVAL OF EXIST. TREES AND RAILROAD WITHIN R/W LIMITS INCLUDED IN SUMMARY OF CLEARING AND GRUBBING. REMOVE, PRESERVE, AND DELIVER RAILROAD RAILINGS TO A DESIGNATED LOCATION WITHIN 15 MILES OF PROJECT LIMITS.

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				
0102 1	MAINTENANCE OF TRAFFIC	LS		1			1		1		460 CONST. DAYS	

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						
0102 1	MAINTENANCE OF TRAFFIC	LS		1			1		1			460 CONST. DAYS		

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION															
PHASE	DURATION	0102104						0102107 1						DESIGN NOTES	CONSTRUCTION REMARKS
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY							
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW				
DAYS	#	P	F	#	P	F	#	P	F	#	P	F			
1 THRU 4	460	1	460		1	460		1	460		1	460			
		SUB-TOTAL		460		460		460		SUB-TOTAL		460			
		TOTAL		920		920		920		TOTAL		920			

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		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	SIDE	DURATION (DAYS)	FREQUENC Y (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	STA. TO STA.				CYCLES	AREA (SY)	AREA (AC)		CYCLES	AREA (SY)	AREA (AC)					
							AC/ CYCLE	TOTAL (AC)			P	F				
1 THRU 4	10+71.12 to 11+81.73	LT	460	30	15	7	0.001	0.022	15	7.0	0.001	0.022				
1 THRU 4	10+82.48 to 11+77.42	LT	460	30	15	49	0.010	0.150	15	48.5	0.010	0.150				
1 THRU 4	10+96.67 to 11+31.25	RT	460	30	15	8	0.002	0.024	15	7.9	0.002	0.024				
1 THRU 4	11+36.46 to 11+76.83	RT	460	30	15	14	0.003	0.043	15	14.0	0.003	0.043				
1 THRU 4	12+21.65 to 12+76.73	LT	460	30	15	18	0.004	0.055	15	17.7	0.004	0.055				
1 THRU 4	12+24.97 to 12+70.74	LT	460	30	15	33	0.007	0.103	15	33.2	0.007	0.103				
1 THRU 4	12+84.47 to 13+35.47	RT	460	30	15	19	0.004	0.059	15	18.9	0.004	0.059				
1 THRU 4	12+86.84 to 14+47.41	RT	460	30	15	116	0.024	0.359	15	115.8	0.024	0.359				
1 THRU 4	12+97.20 to 13+51.43	LT	460	30	15	97	0.020	0.300	15	96.7	0.020	0.300				
1 THRU 4	13+59.75 to 14+29.61	RT	460	30	15	40	0.008	0.125	15	40.3	0.008	0.125				
1 THRU 4	13+69.83 to 13+76.37	LT	460	30	15	5	0.001	0.017	15	5.4	0.001	0.017				
1 THRU 4	13+94.81 to 14+55.34	LT	460	30	15	129	0.027	0.399	15	128.6	0.027	0.399				
1 THRU 4	14+40.77 to 14+67.41	RT	460	30	15	15	0.003	0.045	15	14.6	0.003	0.045				
1 THRU 4	14+47.14 to 14+68.81	RT	460	30	15	18	0.004	0.055	15	17.6	0.004	0.055				
1 THRU 4	14+85.64 to 15+25.50	LT	460	30	15	44	0.009	0.135	15	43.7	0.009	0.135				
1 THRU 4	14+87.10 to 15+24.95	RT	460	30	15	32	0.007	0.099	15	32.0	0.007	0.099				
1 THRU 4	14+88.63 to 15+19.42	RT	460	30	15	17	0.004	0.054	15	17.3	0.004	0.054				
1 THRU 4	15+24.95 to 16+56.36	RT	460	30	15	102	0.021	0.316	15	102.0	0.021	0.316				
1 THRU 4	15+34.27 to 16+13.75	RT	460	30	15	48	0.010	0.149	15	48.1	0.010	0.149				
1 THRU 4	15+47.73 to 17+77.65	LT	460	30	15	493	0.102	1.527	15	492.7	0.102	1.527				
1 THRU 4	16+25.84 to 16+99.76	RT	460	30	15	42	0.009	0.130	15	41.9	0.009	0.130				
1 THRU 4	16+58.70 to 17+09.86	RT	460	30	15	43	0.009	0.133	15	42.8	0.009	0.133				
1 THRU 4	17+32.77 to 18+78.88	RT	460	30	15	147	0.030	0.456	15	147.2	0.030	0.456				
1 THRU 4	17+47.07 to 17+62.27	RT	460	30	15	4	0.001	0.013	15	4.2	0.001	0.013				
1 THRU 4	17+73.15 to 18+78.62	RT	460	30	15	63	0.013	0.196	15	63.2	0.013	0.196				
1 THRU 4	18+12.99 to 18+12.99	LT	460	30	15	54	0.011	0.166	15	53.6	0.011	0.166				
1 THRU 4	18+37.40 to 20+28.45	LT	460	30	15	383	0.079	1.186	15	382.7	0.079	1.186				
1 THRU 4	18+86.96 to 19+20.43	RT	460	30	15	25	0.005	0.076	15	24.6	0.005	0.076				
1 THRU 4	18+87.14 to 19+25.69	RT	460	30	15	29	0.006	0.089	15	28.8	0.006	0.089				
1 THRU 4	19+35.49 to 19+58.63	RT	460	30	15	16	0.003	0.050	15	16.2	0.003	0.050				
1 THRU 4	19+39.25 to 19+58.59	RT	460	30	15	11	0.002	0.034	15	10.9	0.002	0.034				
1 THRU 4	19+67.38 to 21+70.30	RT	460	30	15	289	0.060	0.896	15	289.1	0.060	0.896				
1 THRU 4	21+78.06 to 21+78.06	LT	460	30	15	561	0.116	1.738	15	560.9	0.116	1.738				
1 THRU 4	21+80.10 to 23+00.46	RT	460	30	15	169	0.035	0.523	15	168.7	0.035	0.523				
1 THRU 4	23+28.99 to 24+79.81	RT	460	30	15	161	0.033	0.500	15	161.3	0.033	0.500				
1 THRU 4	23+30.12 to 23+77.04	LT	460	30	15	45	0.009	0.138	15	44.5	0.009	0.138				
1 THRU 4	23+35.91 to 23+53.52	LT	460	30	15	3	0.001	0.009	15	3.0	0.001	0.009				
1 THRU 4	23+48.67 to 24+78.56	RT	460	30	15	64	0.013	0.199	15	64.3	0.013	0.199				
1 THRU 4	23+51.14 to 23+71.40	LT	460	30	15	11	0.002	0.033	15	10.6	0.002	0.033				
1 THRU 4	23+84.58 to 24+17.68	LT	460	30	15	30	0.006	0.092	15	29.6	0.006	0.092				
1 THRU 4	23+84.97 to 24+16.07	LT	460	30	15	16	0.003	0.050	15	16.1	0.003	0.050				
1 THRU 4	24+26.80 to 24+36.18	LT	460	30	15	10	0.002	0.032	15	10.3	0.002	0.032				
1 THRU 4	24+29.37 to 24+35.06	LT	460	30	15	2	0.000	0.007	15	2.3	0.000	0.007				
1 THRU 4	24+46.12 to 24+69.56	LT	460	30	15	26	0.005	0.082	15	26.4	0.005	0.082				
1 THRU 4	24+47.53 to 24+68.38	LT	460	30	15	11	0.002	0.034	15	11.0	0.002	0.034				
1 THRU 4	24+79.40 to 25+95.51	LT	460	30	15	128	0.026	0.396	15	127.8	0.026	0.396				
1 THRU 4	24+95.41 to 25+93.05	RT	460	30	15	110	0.023	0.342	15	110.3	0.023	0.342				
					SUB-TOTAL:					SUB-TOTAL:						
					TOTAL:					TOTAL:						

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. SQ-2
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	
					1001220	HILLSBOROUGH	437246-1-58-01	

SUMMARY OF QUANTITIES

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	SIDE	DURATION (DAYS)	FREQUENC Y (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	STA. TO STA.				CYCLES	AREA (SY)	AREA		CYCLES	AREA (SY)	AREA					
							AC/ CYCLE	TOTAL (AC)			AC/ CYCLE	TOTAL (AC)				
				P	F			P	F							
1 THRU 4	24+96.29 to 25+88.55	RT	460	30	15	44	0.009	0.137	15	44.2	0.009	0.137				
1 THRU 4	26+03.48 to 26+51.49	RT	460	30	15	31	0.006	0.095	15	30.5	0.006	0.095				
1 THRU 4	26+05.99 to 26+50.88	RT	460	30	15	39	0.008	0.121	15	39.2	0.008	0.121				
1 THRU 4	26+13.89 to 28+40.84	LT	460	30	15	291	0.060	0.901	15	290.7	0.060	0.901				
1 THRU 4	26+20.05 to 28+38.34	LT	460	30	15	109	0.023	0.338	15	109.0	0.023	0.338				
1 THRU 4	26+68.09 to 27+16.05	RT	460	30	15	31	0.006	0.097	15	31.4	0.006	0.097				
1 THRU 4	26+71.45 to 27+15.50	RT	460	30	15	42	0.009	0.129	15	41.5	0.009	0.129				
1 THRU 4	27+25.17 to 27+73.84	RT	460	30	15	45	0.009	0.138	15	44.5	0.009	0.138				
1 THRU 4	27+25.45 to 27+76.72	RT	460	30	15	19	0.004	0.057	15	18.5	0.004	0.057				
1 THRU 4	27+86.17 to 28+38.78	RT	460	30	15	52	0.011	0.161	15	51.9	0.011	0.161				
1 THRU 4	27+86.42 to 28+39.13	RT	460	30	15	32	0.007	0.100	15	32.2	0.007	0.100				
1 THRU 4	28+47.87 to 29+02.54	RT	460	30	15	53	0.011	0.163	15	52.6	0.011	0.163				
1 THRU 4	28+48.17 to 29+02.55	RT	460	30	15	36	0.007	0.110	15	35.5	0.007	0.110				
1 THRU 4	28+64.44 to 29+84.23	LT	460	30	15	131	0.027	0.406	15	130.9	0.027	0.406				
1 THRU 4	28+72.59 to 29+84.23	LT	460	30	15	66	0.014	0.204	15	65.7	0.014	0.204				
1 THRU 4	29+12.41 to 29+63.73	RT	460	30	15	35	0.007	0.109	15	35.2	0.007	0.109				
1 THRU 4	29+12.48 to 29+63.75	RT	460	30	15	51	0.010	0.157	15	50.8	0.010	0.157				
1 THRU 4	29+73.54 to 30+92.50	RT	460	30	15	119	0.025	0.370	15	119.4	0.025	0.370				
1 THRU 4	29+73.56 to 29+81.58	RT	460	30	15	5	0.001	0.017	15	5.4	0.001	0.017				
1 THRU 4	29+94.17 to 30+95.26	RT	460	30	15	60	0.012	0.187	15	60.4	0.012	0.187				
1 THRU 4	29+99.69 to 30+46.97	LT	460	30	15	28	0.006	0.088	15	28.3	0.006	0.088				
1 THRU 4	29+99.95 to 30+47.21	LT	460	30	15	44	0.009	0.135	15	43.7	0.009	0.135				
1 THRU 4	30+62.91 to 30+89.00	LT	460	30	15	13	0.003	0.042	15	13.4	0.003	0.042				
1 THRU 4	30+62.94 to 30+95.19	LT	460	30	15	34	0.007	0.106	15	34.1	0.007	0.106				
1 THRU 4	31+11.19 to 31+44.39	LT	460	30	15	34	0.007	0.106	15	34.2	0.007	0.106				
1 THRU 4	31+13.02 to 32+51.83	RT	460	30	15	106	0.022	0.328	15	105.7	0.022	0.328				
1 THRU 4	31+18.91 to 32+48.57	RT	460	30	15	111	0.023	0.343	15	110.8	0.023	0.343				
1 THRU 4	31+21.73 to 31+45.43	LT	460	30	15	11	0.002	0.033	15	10.6	0.002	0.033				
1 THRU 4	31+55.18 to 32+07.85	LT	460	30	15	32	0.007	0.099	15	31.8	0.007	0.099				
1 THRU 4	31+55.26 to 32+09.51	LT	460	30	15	51	0.010	0.157	15	50.5	0.010	0.157				
1 THRU 4	32+19.19 to 32+46.78	LT	460	30	15	25	0.005	0.077	15	24.9	0.005	0.077				
1 THRU 4	32+21.14 to 32+46.12	LT	460	30	15	14	0.003	0.043	15	14.0	0.003	0.043				
1 THRU 4	32+55.52 to 33+03.20	LT	460	30	15	17	0.004	0.054	15	17.4	0.004	0.054				
1 THRU 4	32+58.48 to 33+02.00	LT	460	30	15	25	0.005	0.077	15	24.9	0.005	0.077				
1 THRU 4	32+61.69 to 32+73.84	RT	460	30	15	15	0.003	0.046	15	14.7	0.003	0.046				
1 THRU 4	32+64.65 to 32+72.24	RT	460	30	15	3	0.001	0.009	15	2.8	0.001	0.009				
1 THRU 4	32+84.68 to 33+46.06	RT	460	30	15	76	0.016	0.235	15	75.9	0.016	0.235				
1 THRU 4	32+86.25 to 33+42.89	RT	460	30	15	25	0.005	0.078	15	25.2	0.005	0.078				
1 THRU 4	33+20.14 to 33+48.85	LT	460	30	15	15	0.003	0.046	15	14.8	0.003	0.046				
1 THRU 4	33+21.22 to 33+37.49	LT	460	30	15	7	0.001	0.021	15	6.7	0.001	0.021				
1 THRU 4	33+65.70 to 34+56.06	LT	460	30	15	90	0.019	0.278	15	89.6	0.019	0.278				
1 THRU 4	33+66.98 to 34+49.62	RT	460	30	15	101	0.021	0.312	15	100.8	0.021	0.312				
1 THRU 4	33+69.02 to 34+43.79	RT	460	30	15	34	0.007	0.105	15	33.9	0.007	0.105				
1 THRU 4	33+81.17 to 34+54.57	LT	460	30	15	34	0.007	0.106	15	34.1	0.007	0.106				
1 THRU 4	34+62.01 to 35+50.05	RT	460	30	15	114	0.024	0.353	15	113.8	0.024	0.353				
1 THRU 4	34+67.54 to 35+41.37	RT	460	30	15	28	0.006	0.086	15	27.7	0.006	0.086				
1 THRU 4	34+76.06 to 35+43.35	LT	460	30	15	62	0.013	0.193	15	62.4	0.013	0.193				
					SUB-TOTAL:					SUB-TOTAL:						
					7.55					7.55						

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO. SQ-3
					CITY PROJECT NO. 1001220	COUNTY HILLSBOROUGH	FINANCIAL PROJECT ID 437246-1-58-01	
SUMMARY OF QUANTITIES								

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	SIDE	DURATION (DAYS)	FREQUENC Y (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	STA. TO STA.				CYCLES	AREA (SY)	AREA		CYCLES	AREA (SY)	AREA					
							AC/ CYCLE	TOTAL (AC)			AC/ CYCLE	TOTAL (AC)				
			P	F			P	F								
1 THRU 4	34+77.06 to 35+42.04	LT	460	30	15	32	0.007	0.098		15	31.5	0.007	0.098			
1 THRU 4	35+55.33 to 36+21.39	LT	460	30	15	200	0.041	0.621		15	200.4	0.041	0.621			
1 THRU 4	35+56.53 to 36+29.27	RT	460	30	15	113	0.023	0.350		15	112.9	0.023	0.350			
1 THRU 4	35+58.67 to 36+15.12	RT	460	30	15	13	0.003	0.041		15	13.3	0.003	0.041			
1 THRU 4	35+62.14 to 36+09.20	LT	460	30	15	23	0.005	0.070		15	22.6	0.005	0.070			
1 THRU 4	36+06.20 to 36+32.78	RT	460	30	15	69	0.014	0.214		15	69.0	0.014	0.214			
1 THRU 4	36+06.34 to 36+32.38	RT	460	30	15	102	0.021	0.316		15	102.0	0.021	0.316			
1 THRU 4	36+06.61 to 36+32.16	RT	460	30	15	21	0.004	0.065		15	21.1	0.004	0.065			
1 THRU 4	36+18.05 to 36+30.55	LT	460	30	15	50	0.010	0.154		15	49.6	0.010	0.154			
1 THRU 4	36+50.02 to 47+46.63	LT	460	30	15	1507	0.311	4.670		15	1506.7	0.311	4.670			
1 THRU 4	36+50.15 to 36+53.67	RT	460	30	15	4	0.001	0.013		15	4.2	0.001	0.013			
1 THRU 4	36+55.28 to 36+75.65	RT	460	30	15	176	0.036	0.544		15	175.5	0.036	0.544			
1 THRU 4	36+55.43 to 36+75.70	RT	460	30	15	10	0.002	0.031		15	10.0	0.002	0.031			
1 THRU 4	36+57.55 to 37+45.30	RT	460	30	15	71	0.015	0.220		15	70.9	0.015	0.220			
1 THRU 4	36+58.95 to 37+75.71	RT	460	30	15	137	0.028	0.423		15	136.5	0.028	0.423			
1 THRU 4	36+70.03 to 43+07.34	LT	460	30	15	380	0.079	1.179		15	380.4	0.079	1.179			
1 THRU 4	37+95.13 to 39+35.52	RT	460	30	15	83	0.017	0.257		15	83.0	0.017	0.257			
1 THRU 4	37+95.27 to 39+37.36	RT	460	30	15	140	0.029	0.433		15	139.8	0.029	0.433			
1 THRU 4	39+48.09 to 39+63.46	RT	460	30	15	5	0.001	0.015		15	4.7	0.001	0.015			
1 THRU 4	39+55.24 to 39+65.35	RT	460	30	15	12	0.002	0.036		15	11.5	0.002	0.036			
1 THRU 4	39+74.21 to 40+56.93	RT	460	30	15	97	0.020	0.300		15	96.9	0.020	0.300			
1 THRU 4	39+76.06 to 40+54.88	RT	460	30	15	27	0.006	0.084		15	27.1	0.006	0.084			
1 THRU 4	40+65.92 to 41+82.01	RT	460	30	15	130	0.027	0.403		15	130.1	0.027	0.403			
1 THRU 4	40+67.96 to 41+15.23	RT	460	30	15	18	0.004	0.055		15	17.8	0.004	0.055			
1 THRU 4	41+28.55 to 41+80.17	RT	460	30	15	27	0.005	0.082		15	26.5	0.005	0.082			
1 THRU 4	41+90.00 to 42+72.72	RT	460	30	15	85	0.017	0.262		15	84.6	0.017	0.262			
1 THRU 4	41+93.39 to 42+93.75	RT	460	30	15	61	0.013	0.188		15	60.7	0.013	0.188			
1 THRU 4	42+72.72 to 42+97.95	RT	460	30	15	9	0.002	0.028		15	8.9	0.002	0.028			
1 THRU 4	43+30.19 to 47+46.88	LT	460	30	15	294	0.061	0.911		15	294.0	0.061	0.911			
1 THRU 4	43+34.37 to 45+10.35	RT	460	30	15	188	0.039	0.584		15	188.3	0.039	0.584			
1 THRU 4	43+44.23 to 45+08.15	RT	460	30	15	69	0.014	0.213		15	68.8	0.014	0.213			
1 THRU 4	45+19.61 to 45+62.94	RT	460	30	15	45	0.009	0.138		15	44.5	0.009	0.138			
1 THRU 4	45+21.40 to 45+52.38	RT	460	30	15	11	0.002	0.035		15	11.3	0.002	0.035			
1 THRU 4	45+86.51 to 46+16.96	RT	460	30	15	29	0.006	0.091		15	29.3	0.006	0.091			
1 THRU 4	45+97.00 to 47+50.75	RT	460	30	15	134	0.028	0.416		15	134.2	0.028	0.416			
1 THRU 4	46+33.72 to 46+49.48	RT	460	30	15	8	0.002	0.025		15	8.1	0.002	0.025			
1 THRU 4	47+53.68 to 49+59.80	LT	460	30	15	162	0.033	0.501		15	161.8	0.033	0.501			
1 THRU 4	47+55.43 to 48+39.12	RT	460	30	15	48	0.010	0.148		15	47.9	0.010	0.148			
1 THRU 4	48+01.31 to 49+01.02	LT	460	30	15	23	0.005	0.072		15	23.3	0.005	0.072			
1 THRU 4	48+49.48 to 49+59.81	RT	460	30	15	42	0.009	0.131		15	42.2	0.009	0.131			
1 THRU 4	49+64.36 to 49+80.64	LT	460	30	15	19	0.004	0.060		15	19.2	0.004	0.060			
1 THRU 4	49+64.37 to 49+66.52	LT	460	30	15	2	0.000	0.005		15	1.7	0.000	0.005			
1 THRU 4	50+20.72 to 50+43.75	LT	460	30	15	22	0.005	0.068		15	21.9	0.005	0.068			
1 THRU 4	50+31.79 to 51+69.64	RT	460	30	15	124	0.026	0.386		15	124.4	0.026	0.386			
1 THRU 4	50+39.68 to 50+39.68	LT	460	30	15	13	0.003	0.041		15	13.3	0.003	0.041			
1 THRU 4	50+43.74 to 55+10.93	LT	460	30	15	222	0.046	0.689		15	222.2	0.046	0.689			
1 THRU 4	50+44.38 to 55+10.48	LT	460	30	15	1079	0.223	3.344		15	1078.9	0.223	3.344			
					SUB-TOTAL:					SUB-TOTAL:						
					19.01					19.01						

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356			CITY OF TAMPA TRANSPORTATION DEPARTMENT <table border="1"> <tr> <th>CITY PROJECT NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>1001220</td> <td>HILLSBOROUGH</td> <td>437246-1-58-01</td> </tr> </table>			CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	1001220	HILLSBOROUGH	437246-1-58-01	SHEET NO. SQ-4	
REVISIONS																							
DATE	DESCRIPTION																						
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																					
1001220	HILLSBOROUGH	437246-1-58-01																					
SUMMARY OF QUANTITIES																							

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						
					CYCLES	AREA (SY)	AREA			CYCLES	AREA (SY)	AREA				
							AC/CYCLE	TOTAL (AC)				AC/CYCLE	TOTAL (AC)			
		P	F			P	F									
1 THRU 4	51+77.76 to 53+17.48	RT	460	30	15	227	0.047	0.703		15	226.9	0.047	0.703			
1 THRU 4	53+33.46 to 53+64.85	RT	460	30	15	40	0.008	0.122		15	39.5	0.008	0.122			
1 THRU 4	53+82.39 to 53+94.74	RT	460	30	15	6	0.001	0.020		15	6.4	0.001	0.020			
1 THRU 4	53+82.48 to 54+24.16	RT	460	30	15	53	0.011	0.164		15	52.9	0.011	0.164			
1 THRU 4	54+39.21 to 54+73.77	RT	460	30	15	69	0.014	0.214		15	68.9	0.014	0.214			
1 THRU 4	54+83.62 to 55+35.58	RT	460	30	15	97	0.020	0.301		15	97.0	0.020	0.301			
1 THRU 4	55+37.02 to 59+06.84	LT	460	30	15	450	0.093	1.395		15	450.2	0.093	1.395			
1 THRU 4	55+37.40 to 59+03.35	LT	460	30	15	846	0.175	2.623		15	846.4	0.175	2.623			
1 THRU 4	55+50.99 to 56+64.58	RT	460	30	15	227	0.047	0.704		15	227.1	0.047	0.704			
1 THRU 4	56+88.54 to 58+13.67	RT	460	30	15	248	0.051	0.769		15	248.1	0.051	0.769			
1 THRU 4	58+23.63 to 58+40.78	RT	460	30	15	32	0.007	0.098		15	31.5	0.007	0.098			
1 THRU 4	58+50.62 to 58+54.76	RT	460	30	15	7	0.001	0.021		15	6.9	0.001	0.021			
1 THRU 4	59+35.22 to 59+51.79	LT	460	30	15	23	0.005	0.071		15	22.9	0.005	0.071			
1 THRU 4	59+62.83 to 60+01.08	RT	460	30	15	71	0.015	0.219		15	70.8	0.015	0.219			
1 THRU 4	59+76.76 to 63+21.41	LT	460	30	15	440	0.091	1.364		15	440.2	0.091	1.364			
1 THRU 4	59+77.33 to 63+22.14	LT	460	30	15	783	0.162	2.427		15	783.1	0.162	2.427			
1 THRU 4	60+24.54 to 62+36.16	RT	460	30	15	438	0.090	1.357		15	437.7	0.090	1.357			
1 THRU 4	62+63.16 to 62+95.79	RT	460	30	15	58	0.012	0.181		15	58.3	0.012	0.181			
1 THRU 4	63+44.51 to 66+13.53	RT	460	30	15	882	0.182	2.733		15	881.8	0.182	2.733			
1 THRU 4	63+60.68 to 66+62.54	LT	460	30	15	332	0.069	1.030		15	332.4	0.069	1.030			
1 THRU 4	63+61.92 to 75+84.84	LT	460	30	15	3081	0.637	9.550		15	3081.4	0.637	9.550			
1 THRU 4	66+67.18 to 76+33.51	LT	460	30	15	1247	0.258	3.863		15	1246.5	0.258	3.863			
1 THRU 4	67+60.23 to 67+60.23	RT	460	30	15	788	0.163	2.442		15	788.1	0.163	2.442			
1 THRU 4	69+05.96 to 69+65.93	RT	460	30	15	165	0.034	0.512		15	165.2	0.034	0.512			
1 THRU 4	69+90.12 to 72+47.71	RT	460	30	15	1026	0.212	3.179		15	1025.9	0.212	3.179			
1 THRU 4	72+73.60 to 73+45.57	RT	460	30	15	234	0.048	0.726		15	234.1	0.048	0.726			
1 THRU 4	73+71.15 to 75+11.31	RT	460	30	15	543	0.112	1.683		15	543.1	0.112	1.683			
1 THRU 4	75+21.32 to 82+49.60	RT	460	30	15	2929	0.605	9.076		15	2928.5	0.605	9.076			
1 THRU 4	76+62.61 to 79+43.09	LT	460	30	15	342	0.071	1.061		15	342.2	0.071	1.061			
1 THRU 4	76+71.96 to 79+47.79	LT	460	30	15	658	0.136	2.039		15	657.9	0.136	2.039			
1 THRU 4	79+95.19 to 80+89.41	LT	460	30	15	215	0.044	0.665		15	214.5	0.044	0.665			
1 THRU 4	80+00.59 to 80+92.30	LT	460	30	15	107	0.022	0.332		15	107.0	0.022	0.332			
1 THRU 4	81+08.25 to 83+81.54	LT	460	30	15	753	0.155	2.332		15	752.6	0.155	2.332			
1 THRU 4	81+09.95 to 83+81.56	LT	460	30	15	249	0.051	0.771		15	248.8	0.051	0.771			
1 THRU 4	82+67.62 to 83+81.62	RT	460	30	15	349	0.072	1.083		15	349.4	0.072	1.083			
1 THRU 4	83+86.36 to 85+12.09	LT	460	30	15	219	0.045	0.680		15	219.3	0.045	0.680			
1 THRU 4	83+86.42 to 85+06.65	LT	460	30	15	104	0.021	0.322		15	104.0	0.021	0.322			
1 THRU 4	84+32.38 to 88+47.85	RT	460	30	15	781	0.161	2.421		15	781.2	0.161	2.421			
1 THRU 4	85+46.26 to 87+96.64	LT	460	30	15	217	0.045	0.671		15	216.5	0.045	0.671			
1 THRU 4	85+54.95 to 88+48.01	LT	460	30	15	685	0.142	2.124		15	685.4	0.142	2.124			
1 THRU 4	88+47.75 to 88+74.66	RT	460	30	15	86	0.018	0.268		15	86.4	0.018	0.268			
					SUB-TOTAL:					SUB-TOTAL:						
					62.32					62.32						

<p align="center">REVISIONS</p> <table border="1"> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356</p>	<p align="center">CITY OF TAMPA TRANSPORTATION DEPARTMENT</p> <table border="1"> <tr> <th>CITY PROJECT NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>1001220</td> <td>HILLSBOROUGH</td> <td>437246-1-58-01</td> </tr> </table>	CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	1001220	HILLSBOROUGH	437246-1-58-01	<p align="center">SUMMARY OF QUANTITIES</p>	<p align="center">SHEET NO. SQ-5</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																			
1001220	HILLSBOROUGH	437246-1-58-01																			

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0110 1 1	CLEARING & GRUBBING	12+56.60 to 12+70.74	LT	SY	0.001		3.178			
		12+84.52 to 13+06.24	RT		0.001					
		13+01.16 to 13+49.76	LT		0.008					
		13+06.11 to 13+17.80	RT		0.000					
		13+95.18 to 14+55.34	LT		0.015					
		15+00.52 to 15+25.79	LT		0.003					
		15+16.36 to 15+37.71	RT		0.002					
		15+24.35 to 15+30.70	RT		0.001					
		15+50.92 to 17+72.48	LT		0.058					
		15+87.64 to 16+30.12	RT		0.004					
		16+16.29 to 16+21.85	RT		0.001					
		16+71.73 to 17+13.96	RT		0.004					
		17+65.21 to 17+70.85	LT		0.001					
		17+65.32 to 17+75.48	RT		0.001					
		17+68.47 to 17+72.81	RT		0.001					
		17+95.46 to 20+26.76	LT		0.086					
		20+34.57 to 20+58.54	RT		0.004					
		20+42.71 to 23+09.58	LT		0.108					
		22+02.36 to 22+26.35	RT		0.005					
		22+60.07 to 22+65.05	RT		0.002					
		22+73.52 to 23+06.98	RT		0.002					
		23+27.78 to 23+65.76	RT		0.008					
		23+30.68 to 23+73.13	LT		0.003					
		23+39.88 to 23+55.02	LT		0.004					
		23+47.54 to 30+97.26	RT		0.102					
		24+80.87 to 25+80.47	LT		0.011					
		31+11.23 to 31+66.00	RT		0.007					
		31+39.47 to 31+45.43	LT		0.000					
		31+55.26 to 31+61.34	LT		0.000					
		31+76.19 to 31+81.40	LT		0.001					
		31+76.40 to 31+82.47	RT		0.001					
		32+02.47 to 32+07.58	LT		0.000					
		32+21.86 to 32+26.46	LT		0.000					
		34+97.96 to 37+65.29	LT/RT		0.362					
		34+98.21 to 35+47.80	RT		0.004					
		35+10.36 to 36+21.31	LT		0.034					
		36+55.39 to 37+07.72	RT		0.021					
		42+74.04 to 42+81.36	RT		0.001					
		43+01.92 to 43+35.04	LT		0.002					
		43+02.32 to 43+34.83	LT		0.006					
		46+30.90 to 48+39.12	RT		0.040					
		47+33.69 to 47+69.79	LT		0.004					
		49+46.80 to 49+58.60	RT		0.001					
		49+63.05 to 49+63.05	RT		0.003					
		50+22.01 to 55+06.99	LT		0.274					
		50+28.82 to 51+67.85	RT		0.022					
		51+76.23 to 53+15.28	RT		0.016					
		53+35.47 to 53+51.04	RT		0.002					
		54+04.49 to 54+23.95	RT		0.002					
		54+37.39 to 54+74.08	RT		0.004					
		54+85.87 to 56+63.97	RT		0.025					

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		SQ-6
					1001220	HILLSBOROUGH	437246-1-58-01		

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

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0110 1 1	CLEARING & GRUBBING (CONT'D)	55+39.38 to 59+04.94	LT		0.1946					
		55+53.18 to 56+58.87	RT		0.0139					
		56+88.54 to 63+00.80	RT		0.0735					
		56+95.09 to 58+10.06	RT		0.0149					
		59+77.16 to 63+22.08	LT		0.1957					
		63+21.33 to 63+62.13	LT		0.0093					
		63+66.06 to 76+18.75	LT		0.1710					
		63+67.00 to 64+44.48	LT		0.0092					
		63+72.23 to 66+05.13	RT		0.0105					
		64+44.47 to 65+24.48	LT		0.0059					
		64+44.85 to 65+23.77	LT		0.0037					
		65+24.47 to 70+14.06	LT		0.0562					
		66+46.77 to 68+70.04	RT		0.0110					
		69+05.96 to 69+65.86	RT		0.0037					
		69+39.73 to 69+65.35	RT		0.0014					
		69+90.12 to 70+24.23	RT		0.0025					
		69+95.58 to 72+47.63	RT		0.0289					
		70+05.08 to 72+30.92	RT		0.0288					
		70+14.04 to 71+12.97	LT		0.0196					
		70+14.08 to 71+13.02	LT		0.0076					
		71+12.92 to 76+24.05	LT		0.0571					
		72+73.61 to 73+45.55	RT		0.0082					
		72+94.48 to 73+32.81	RT		0.0029					
		73+71.15 to 75+08.69	RT		0.0159					
		73+88.81 to 75+01.41	RT		0.0139					
		75+23.16 to 82+46.63	RT		0.4431					
		75+83.06 to 76+24.09	LT		0.0012					
		76+23.98 to 76+74.62	LT		0.0107					
		76+78.78 to 79+42.75	LT		0.0321					
		76+80.71 to 79+19.61	LT		0.0323					
		79+48.26 to 79+95.13	LT		0.0106					
		80+00.62 to 80+82.99	LT		0.0094					
		80+12.29 to 80+77.96	LT		0.0082					
		81+17.06 to 82+05.77	LT		0.0116					
		81+95.35 to 82+16.79	LT		0.0018					
		82+16.78 to 83+79.16	LT		0.0186					
		82+70.87 to 83+81.76	RT		0.0283					
		82+83.20 to 83+81.60	RT		0.0071					
		83+81.58 to 83+86.81	LT/RT		0.0087					
		83+86.71 to 85+05.38	LT		0.0240					
		83+86.74 to 84+36.87	LT		0.0076					
		84+09.84 to 85+13.46	LT		0.0142					
		84+29.35 to 85+12.32	LT		0.0097					
		84+31.95 to 88+71.82	RT		0.1485					
		84+87.53 to 85+71.11	LT		0.0348					
		85+46.26 to 87+99.33	LT		0.0312					
		85+46.77 to 88+44.73	LT		0.0406					
		85+52.89 to 86+64.86	LT		0.0142					

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REVISIONS																													
DATE	DESCRIPTION	DATE	DESCRIPTION																										
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																											
1001220	HILLSBOROUGH	437246-1-58-01																											

SUMMARY OF QUANTITIES

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SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0110 4 10	EXIST. CONC. REMOVAL	11+70.67 to 13+21.24	RT	SY	170		2987			
		11+72.46 to 12+33.72	LT		91					
		12+33.13 to 12+38.18	LT		3					
		12+50.96 to 12+74.71	LT		13					
		12+63.63 to 12+73.16	LT		2					
		13+32.74 to 13+61.91	RT		28					
		13+45.10 to 13+96.04	LT		63					
		14+54.66 to 15+22.64	LT		83					
		15+14.42 to 15+39.27	RT		13					
		15+90.36 to 16+31.33	RT		23					
		16+82.64 to 17+04.53	RT		11					
		17+62.27 to 17+73.17	RT		5					
		17+84.21 to 17+89.25	RT		2					
		20+65.87 to 20+95.91	RT		16					
		21+10.10 to 21+70.05	RT		33					
		22+08.36 to 22+20.36	RT		7					
		22+60.07 to 22+65.07	RT		3					
		23+31.31 to 23+72.40	LT		21					
		23+43.55 to 23+65.76	RT		11					
		23+53.64 to 24+76.64	RT		11					
		24+00.00 to 24+30.00	RT		16					
		24+76.44 to 25+17.43	RT		29					
		25+17.43 to 25+85.69	RT		3					
		25+42.25 to 25+68.26	LT		14					
		25+83.46 to 26+77.51	RT		83					
		27+10.46 to 27+91.42	RT		45					
		27+12.49 to 27+27.50	RT		12					
		27+37.20 to 27+87.94	RT		21					
		28+35.77 to 28+50.84	RT		12					
		28+97.12 to 29+12.71	RT		14					
		29+22.67 to 29+47.77	RT		14					
		29+60.56 to 29+75.29	RT		13					
		30+29.68 to 30+59.71	RT		16					
		30+76.68 to 30+94.74	RT		9					
		31+16.01 to 31+31.69	RT		8					
		31+35.24 to 31+65.22	LT		23					
		31+76.40 to 31+81.40	RT		3					
		31+76.40 to 31+81.40	LT		3					
		32+06.19 to 32+23.58	LT		18					
		33+32.88 to 33+45.83	RT		6					
		34+49.86 to 34+82.58	LT		31					
		34+95.18 to 36+21.01	RT		85					
		36+10.71 to 36+30.98	RT		39					
		36+19.85 to 36+32.78	RT		18					
		36+60.91 to 37+34.45	LT		41					
		43+01.92 to 43+12.77	LT		5					
		43+26.42 to 43+35.17	LT		4					
		46+53.69 to 46+86.24	RT		15					
		46+73.70 to 46+84.05	LT		5					
		47+11.61 to 47+97.70	LT		49					

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DATE	DESCRIPTION	DATE	DESCRIPTION																							
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SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0110 4 10	EXIST. CONC. REMOVAL (CONT'D)	47+35.29 to 48+39.18	RT	SY	42					
		48+06.36 to 48+41.56	LT		19					
		48+33.46 to 48+55.56	RT		19					
		48+49.46 to 48+61.76	RT		6					
		49+47.07 to 49+74.68	RT		20					
		50+21.51 to 55+10.93	LT		283					
		50+22.65 to 50+53.26	RT		17					
		51+55.24 to 51+78.81	RT		16					
		53+11.93 to 53+38.11	RT		41					
		55+37.40 to 59+05.39	LT		208					
		58+09.50 to 58+26.65	RT		32					
		58+41.06 to 58+50.92	RT		19					
		58+52.86 to 59+65.13	RT		219					
		59+77.33 to 63+21.12	LT		183					
		62+95.62 to 63+00.80	RT		8					
		63+44.48 to 63+53.61	RT		5					
		63+61.99 to 63+67.00	LT		3					
		63+70.96 to 64+05.08	RT		19					
		64+44.48 to 65+24.49	LT		43					
		65+00.00 to 65+10.01	RT		5					
		69+05.96 to 69+35.91	RT		25					
		69+40.41 to 69+65.75	RT		14					
		69+90.60 to 69+95.94	RT		3					
		70+14.06 to 71+13.34	LT		57					
		74+92.80 to 75+38.54	RT		54					
		75+80.79 to 76+25.48	LT		25					
		76+69.60 to 76+78.78	LT		5					
		79+42.77 to 79+48.64	LT		4					
		79+95.02 to 80+00.63	LT		4					
		80+82.91 to 81+17.08	LT		31					
		81+56.29 to 82+16.80	LT		36					
		82+26.57 to 82+84.59	RT		144					
		83+79.17 to 84+37.14	LT		33					
		83+86.69 to 84+44.02	RT		75					
		84+67.70 to 84+77.94	LT		5					
		85+06.01 to 85+09.48	LT		1					
		85+51.71 to 85+64.28	LT		6					

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DATE	DESCRIPTION	DATE	DESCRIPTION																		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																			
1001220	HILLSBOROUGH	437246-1-58-01																			

SUMMARY OF MAILBOXES

STATION	SIDE	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		0110	7 1		
		P	F		
13+73.67	LT	1			
20+64.92	RT	1			
24+01.99	LT	1			
24+58.86	LT	1			
36+22.53	RT	1			
36+55.91	RT	1			
51+84.93	RT	1			
53+09.75	RT	1			
58+07.93	RT	1			
59+13.46	RT	1			
59+67.31	RT	1			
SUB-TOTAL:		11			
TOTAL:		11			

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REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO. SQ-10
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS		
		STA. TO STA.			P	F	P	F				
0160 4	TYPE B STABILIZATION	16+71.99 to 17+13.96	RT	SY	20.1		5078					
		17+95.46 to 18+20.59	LT		7.3							
		20+44.53 to 20+70.03	LT		11.6							
		24+80.87 to 25+80.78	LT		53.8							
		30+70.28 to 30+97.28	RT		9.2							
		31+11.23 to 31+38.71	RT		11.4							
		35+15.13 to 37+65.32	LT/RT		1725.7							
		51+76.70 to 55+07.06	LT		216.9							
		55+40.22 to 58+98.36	LT		235.7							
		55+51.46 to 56+58.87	RT		67.5							
		56+95.09 to 58+13.58	RT		73.5							
		59+79.94 to 62+90.37	LT		204.1							
		62+95.37 to 63+17.48	LT		11.5							
		63+66.06 to 76+18.75	LT		828.4							
		69+42.21 to 70+15.12	RT		116.8							
		69+98.99 to 72+30.92	RT		145.3							
		72+94.48 to 73+32.81	RT		14.1							
		73+88.81 to 75+01.41	RT		67.6							
		75+29.43 to 82+46.65	RT		470.1							
		285709	OPTIONAL BASE, BASE GROUP 09	16+71.99 to 17+13.96	RT	SY		20.1		1662		
17+95.46 to 18+20.59	LT				7.3							
20+44.53 to 20+70.03	LT				11.6							
24+80.87 to 25+80.78	LT				53.8							
30+70.28 to 30+97.28	RT				9.2							
31+11.23 to 31+38.71	RT				11.4							
36+40.22 to 36+40.22	RT				1431.4							
69+42.21 to 70+15.12	RT				116.8							
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH			11+24.55 to 35+15.20	LT/RT	SY	6806.6		22301			
				37+65.19 to 83+76.58	LT/RT		14251.2					
		83+91.43 to 88+44.73	LT/RT		1243.1							
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG 76-22	11+24.55 to 35+15.20	LT/RT	TN	561.55		2095.2					
		16+71.99 to 17+13.96	RT		3.31							
		17+95.46 to 18+20.59	LT		1.20							
		20+44.54 to 20+70.03	LT		1.90							
		24+80.87 to 25+80.78	LT		8.74							
		30+70.30 to 30+97.26	RT		1.53							
		31+11.23 to 31+38.71	RT		1.88							
		36+40.22 to 36+40.22	RT		236.19							
0350 3 7	PLAIN CEMENT CONCRETE PAVEMENT, 9"	36+40.29 to 36+40.29	RT	SY	110.0		110					
		36+34.68 to 36+42.06	RT	SY	20.1							
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	36+37.41 to 36+41.21	RT		5.8		136					
		36+40.29 to 36+40.29	RT	SY	110.00							

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <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>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT <table border="1"> <tr> <th>CITY PROJECT NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>1001220</td> <td>HILLSBOROUGH</td> <td>437246-1-58-01</td> </tr> </table>	CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	1001220	HILLSBOROUGH	437246-1-58-01	SHEET NO. SQ-11
REVISIONS																								
DATE	DESCRIPTION	DATE	DESCRIPTION																					
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																						
1001220	HILLSBOROUGH	437246-1-58-01																						

SUMMARY OF QUANTITIES

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

SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STATION			P	F	P	F		
0425 5 1	MANHOLE, ADJUST, UTILITIES	13+05.01	RT	EA	1		15			
		17+70.69	RT		1					
		36+40.35	RT		1					
		56+82.23	LT		1					
		58+42.72	LT		1					
		59+14.02	RT		1					
		59+98.90	LT		1					
		63+18.54	LT		1					
		66+61.46	LT		1					
		70+04.97	LT		1					
		75+94.23	RT		1					
		75+94.49	LT		1					
		76+02.29	LT		1					
		80+15.11	LT		1					
		84+40.44	LT		1					
0425 6	VALVE BOX, ADJUST	13+08.68	RT	EA	1		49			
		13+09.03	RT		1					
		13+11.37	RT		1					
		27+31.30	RT		1					
		27+44.33	RT		1					
		36+03.99	LT		1					
		36+14.33	RT		1					
		36+25.42	RT		1					
		36+25.63	RT		1					
		36+25.87	RT		1					
		36+53.28	LT		1					
		36+64.31	RT		1					
		48+37.28	RT		1					
		50+29.96	LT		1					
		50+32.14	LT		1					
		50+74.15	RT		1					
		50+78.27	RT		1					
		50+82.37	RT		1					
		52+84.63	RT		1					
		54+87.57	RT		1					
		55+30.05	RT		1					
		55+80.89	LT		1					
		56+61.98	LT		1					
		57+58.62	LT		1					
		57+74.74	LT		1					
		58+79.81	LT		1					
		58+97.66	RT		1					
		58+98.94	RT		1					
		59+22.01	RT		1					
		59+23.19	RT		1					
		59+72.27	RT		1					
		59+93.78	LT		1					
59+94.24	LT		1							
61+88.90	RT		1							
62+23.03	RT		1							
62+23.68	RT		1							
62+88.82	LT		1							
62+96.95	LT		1							
62+99.29	LT		1							
66+98.89	LT		1							
69+44.07	RT		1							
71+42.98	RT		1							
73+16.72	LT		1							
76+15.84	LT		1							
76+17.71	LT		1							
76+86.08	LT		1							
79+98.43	LT		1							
80+21.86	LT		1							
82+27.99	RT		1							

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT <table border="1"> <tr> <th>CITY PROJECT NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>1001220</td> <td>HILLSBOROUGH</td> <td>437246-1-58-01</td> </tr> </table>	CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	1001220	HILLSBOROUGH	437246-1-58-01	SHEET NO. SQ-12
REVISIONS																		
DATE	DESCRIPTION																	
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																
1001220	HILLSBOROUGH	437246-1-58-01																
SUMMARY OF QUANTITIES																		

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

SUMMARY OF RAILING					
LOCATION	SIDE	PIPE HANDRAIL - GUIDERAIL (ALUMINUM)		DESIGN NOTES	CONSTRUCTION REMARKS
		0515	1 2		
		LF			
STA. TO STA.		P	F		
47+42.86 to 47+77.86	RT	35.0			
SUB-TOTAL:		35.0			
TOTAL:		35			

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	NET LENGTH		P	F		
						P	F	P	F		
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	11+70.82 to 13+20.58	RT	LF	149.9	149.9		2210			
		11+72.48 to 12+33.71	LT		61.2	61.2					
		12+63.77 to 12+71.97	LT		10.2	10.2					
		13+03.55 to 15+23.50	LT		229.9	229.9					
		23+47.41 to 30+93.78	RT		760.9	760.9					
		31+14.73 to 31+66.00	RT		66.2	66.2					
		35+64.87 to 35+82.69	LT		17.9	17.9					
		35+64.97 to 35+78.96	RT		14.0	14.0					
		35+88.74 to 36+26.60	LT		80.6	80.6					
		35+88.86 to 36+26.30	RT		104.0	104.0					
		36+53.71 to 36+53.71	RT		15.9	15.9					
		36+53.71 to 37+15.54	RT		95.6	95.6					
		36+55.13 to 37+15.47	LT		104.6	104.6					
		46+30.90 to 47+46.94	RT		225.7	225.7					
		47+61.56 to 48+55.44	RT		165.4	165.4					
		49+55.58 to 49+73.02	RT		21.6	21.6					
		49+69.82 to 49+74.50	LT		7.3	7.3					
50+22.91 to 50+53.68	LT		41.0	41.0							
50+24.02 to 50+53.26	RT		38.2	38.2							
0520 2 4	CONCRETE CURB, TYPE D	35+15.20 to 35+64.87	LT	LF	49.8	49.8		380			
		35+15.20 to 35+64.97	RT		50.0	50.0					
		36+26.30 to 36+29.91	RT		30.1	30.1					
		36+26.54 to 36+30.81	LT		50.0	50.0					
		36+49.90 to 36+53.71	RT		49.9	49.9					
		36+50.02 to 36+55.13	LT		50.0	50.0					
37+15.47 to 37+65.24	LT		49.8	49.8							
37+15.54 to 37+65.24	RT		49.9	49.9							
0520 2 8	CONCRETE CURB, TYPE RA	36+21.72 to 36+58.72	LT/RT	LF	116.2	116.2		116			
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	35+61.53 to 35+68.26	LT/RT	SY	2.8	2.8		51			
		35+78.26 to 36+03.77	LT/RT		14.6	14.6					
		36+38.29 to 36+45.02	LT		11.1	11.1					
		36+39.04 to 36+43.23	LT		5.8	5.8					
		36+76.68 to 36+95.22	LT/RT		11.1	11.1					
37+05.22 to 37+18.91	LT/RT		5.8	5.8							

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		SQ-13
					1001220	HILLSBOROUGH	437246-1-58-01		
9/23/2019 4:40:00 PM Default				L:\67026100 N 46th Street City of Tampa\43724615801\roadway\SUMQRD01.dgn					

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SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
		0550 10240			FENCING, TYPE B, 7.1- 8.0', STANDARD	50+33.12 to 54+91.88	LT	LF		

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		SQ-14
					1001220	HILLSBOROUGH	437246-1-58-01		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
		0522 1		0522 2		0527 2			
		SY		SY		SF			
P	F	P	F	P	F				
11+75.91 to 11+80.91	RT	2.6							
11+77.42 to 11+85.17	LT	4.3							
12+16.70 to 13+20.91	RT	57.3							
12+21.17 to 12+24.97	LT	2.1							
12+33.13 to 12+38.18	LT	2.8							
12+50.96 to 12+62.20	LT	5.7							
13+17.27 to 13+54.56	LT	23.9							
13+35.47 to 13+59.75	RT	13.4							
13+90.56 to 14+53.26	LT	40.2							
15+14.42 to 15+39.27	RT	12.7							
15+50.92 to 17+72.68	LT	121.6							
15+90.36 to 15+93.80	RT	1.9							
16+03.80 to 16+30.89	RT	15.0							
16+82.64 to 16+99.24	RT	7.5							
17+62.27 to 17+73.17	RT	4.8							
17+84.21 to 17+89.25	RT	2.1							
17+98.36 to 20+26.88	LT	126.1							
20+47.37 to 23+09.58	LT	152.4							
20+65.87 to 20+95.91	RT	16.5							
21+10.10 to 21+70.05	RT	32.5							
22+60.07 to 22+65.07	RT	10.2							
23+28.07 to 23+65.76	RT	22.0							
23+30.71 to 23+72.40	LT	24.1							
24+00.00 to 24+30.00	RT	16.4							
25+42.25 to 25+68.26	LT	14.3							
25+83.45 to 25+88.56	RT	2.8							
26+03.48 to 26+51.50	RT	26.7							
26+71.52 to 26+74.40	RT	1.6							
27+10.46 to 27+15.51	RT	2.8							
27+25.18 to 27+74.86	RT	27.6							
27+86.85 to 27+91.42	RT	2.5							
29+22.67 to 29+47.77	RT	13.4							
30+29.68 to 30+59.71	RT	15.7							
31+35.48 to 31+45.43	LT	5.5							
31+55.26 to 31+65.26	LT	5.4							
31+76.40 to 31+81.40	RT	8.7							
31+76.40 to 31+81.40	LT	6.0							
33+32.88 to 33+45.83	RT	6.2							
34+50.63 to 34+55.71	LT	2.8							
34+76.12 to 34+81.09	LT	2.7							
34+95.18 to 36+15.75	RT	72.1							
35+10.05 to 35+43.31	LT	18.3							
35+22.91 to 35+36.77	RT	5.0							
35+24.49 to 35+37.39	LT	4.4							
35+55.39 to 36+26.28	LT	88.0							
35+69.36 to 35+77.36	LT	3.5							
35+70.21 to 35+77.11	RT	3.3							
SUB-TOTAL:		1057.4							
TOTAL:		5135		2453		728			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

SUMMARY OF QUANTITIES		SHEET NO. SQ-15
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SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
		0522 1		0522 2		0527 2			
		SY		SY		SF			
P	F	P	F	P	F				
36+12.94 to 36+18.93	RT	11.8							
36+15.06 to 36+20.93	RT	5.7							
36+18.02 to 36+24.43	RT	3.3							
36+20.04 to 36+27.58	LT	4.9							
36+20.07 to 36+26.09	LT	3.6							
36+20.25 to 36+28.06	RT	4.7							
36+52.35 to 36+65.21	RT	43.7							
36+52.77 to 36+60.21	RT	5.1							
36+54.21 to 36+60.21	RT	3.6							
36+54.25 to 36+61.92	LT	4.5							
36+56.40 to 36+62.87	LT	3.7							
36+61.15 to 37+34.45	LT	60.6							
36+61.21 to 37+20.07	RT	37.6							
36+96.22 to 37+04.22	LT	3.6							
36+96.28 to 37+04.26	RT	3.6							
37+13.39 to 37+27.69	LT	5.1							
37+13.65 to 37+27.70	RT	5.3							
43+02.29 to 43+35.17	LT	18.3							
46+53.69 to 46+86.36	RT	16.5							
46+73.70 to 46+84.06	LT	5.4							
47+11.61 to 47+97.64	LT	47.3							
47+35.29 to 48+39.46	RT	57.9							
48+06.36 to 48+41.56	LT	18.7							
48+49.45 to 48+61.76	RT	6.8							
50+30.68 to 51+67.85	RT	75.2							
50+55.47 to 55+07.93	LT	507.7							
51+75.94 to 53+17.51	RT	78.3							
53+33.51 to 53+51.04	RT	9.7							
54+04.49 to 54+23.95	RT	10.3							
54+37.39 to 54+74.08	RT	19.5							
54+85.87 to 55+35.42	RT	27.1							
55+39.38 to 59+00.47	LT	406.7							
55+51.05 to 56+63.97	RT	62.2							
56+88.54 to 58+13.70	RT	69.5							
58+23.61 to 58+71.64	RT	26.7							
58+96.64 to 59+27.84	RT	17.3							
59+52.84 to 60+01.97	RT	28.5							
59+77.30 to 63+21.33	LT	394.0							
60+26.93 to 62+37.22	RT	117.3							
62+61.26 to 63+00.74	RT	31.7							
63+44.33 to 63+53.61	RT	4.6							
63+67.00 to 64+44.48	LT	44.6							
63+70.55 to 64+05.09	RT	18.7							
64+44.47 to 65+24.49	LT	89.4							
65+00.00 to 65+10.01	RT	5.4							
65+24.47 to 70+14.06	LT	272.1							
69+05.49 to 72+47.63	RT	189.8							
70+14.04 to 71+13.02	LT	112.8							
SUB-TOTAL:		3000.4							

<p align="center">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>JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356</p>			<p align="center">CITY OF TAMPA TRANSPORTATION DEPARTMENT</p> <table border="1"> <thead> <tr> <th>CITY PROJECT NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td align="center">1001220</td> <td align="center">HILLSBOROUGH</td> <td align="center">437246-1-58-01</td> </tr> </tbody> </table>			CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	1001220	HILLSBOROUGH	437246-1-58-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-16</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																							
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																								
1001220	HILLSBOROUGH	437246-1-58-01																								

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
		0522 1		0522 2		0527 2			
		SY		SY		SF			
P	F	P	F	P	F	P	F		
71+12.92 to 76+24.09	LT	307.9							
72+73.61 to 73+45.55	RT	39.8							
73+71.15 to 75+10.37	RT	77.8							
76+78.78 to 79+42.75	LT	155.5							
80+00.62 to 80+82.99	LT	45.7							
81+17.06 to 82+16.80	LT	91.9							
82+16.78 to 83+79.16	LT	90.2							
83+79.06 to 85+12.32	LT	117.4							
85+46.26 to 87+99.33	LT	151.0							
11+70.82 to 12+26.48	RT			50.9					
11+72.46 to 12+33.72	LT			76.6					
12+59.64 to 12+71.97	LT			5.5					
13+02.54 to 13+20.60	RT			11.4					
13+02.58 to 13+17.50	LT			6.5					
13+44.56 to 14+00.56	LT			60.2					
14+43.26 to 14+99.26	LT			59.7					
14+89.26 to 15+16.78	LT			13.8					
15+87.65 to 16+09.79	RT			15.8					
20+34.65 to 20+58.64	RT			21.5					
22+02.36 to 22+26.35	RT			29.0					
24+72.55 to 25+17.43	RT			39.6					
25+82.55 to 26+09.47	RT			20.9					
26+45.49 to 26+77.51	RT			36.1					
27+09.49 to 27+31.17	RT			22.7					
27+68.84 to 27+92.84	RT			27.5					
28+32.77 to 28+53.98	RT			17.9					
28+96.53 to 29+18.47	RT			18.4					
29+57.74 to 29+79.53	RT			17.9					
30+76.67 to 30+91.29	RT			7.4					
31+16.61 to 31+31.69	RT			7.5					
31+39.43 to 31+61.34	LT			16.0					
32+02.51 to 32+26.46	LT			18.7					
34+49.74 to 34+82.11	LT			25.6					
35+38.67 to 35+61.50	RT			16.3					
35+39.66 to 35+60.10	LT			17.1					
36+10.71 to 36+23.19	RT			21.7					
36+14.61 to 36+25.79	RT			13.3					
36+23.32 to 36+32.18	RT			14.9					
36+54.21 to 36+66.07	RT			23.2					
48+33.46 to 48+55.56	RT			17.2					
49+47.08 to 49+72.63	RT			16.1					
49+64.36 to 49+74.09	LT			3.2					
50+23.37 to 50+55.52	LT			58.3					
50+24.02 to 50+33.95	RT			3.8					
50+37.30 to 50+53.32	RT			6.8					
51+55.54 to 51+78.71	RT			15.5					
53+11.51 to 53+39.51	RT			34.7					
55+07.93 to 55+39.38	LT			70.3					
SUB-TOTAL:		1077.2		959.5					

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO. SQ-17
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					1001220	HILLSBOROUGH	437246-1-58-01		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
		0522 1		0522 2		0527 2			
		SY		SY		SF			
P	F	P	F	P	F	P	F		
55+29.27 to 55+57.41	RT			33.1					
58+07.51 to 58+29.78	RT			24.3					
58+65.64 to 59+02.63	RT			54.2					
59+00.47 to 59+77.40	LT			85.4					
59+21.85 to 59+58.84	RT			54.1					
59+96.02 to 60+33.02	RT			34.7					
62+31.22 to 62+67.97	RT			39.4					
63+21.03 to 63+67.01	LT			50.8					
69+65.73 to 69+90.12	RT			13.5					
74+84.90 to 75+39.47	RT			55.2					
75+23.16 to 82+49.66	RT			417.4					
82+34.63 to 82+84.59	RT			93.7					
82+69.66 to 83+96.59	RT			70.9					
83+87.69 to 84+30.54	RT			42.6					
84+21.47 to 88+71.82	RT			254.6					
84+87.53 to 85+71.11	LT			169.8					
12+64.82 to 12+70.61	LT					10.9			
13+03.89 to 13+10.99	LT					13.2			
13+09.61 to 13+13.68	RT					8.0			
15+08.58 to 15+15.41	LT					12.0			
15+50.92 to 15+59.67	LT					14.5			
16+88.46 to 16+99.24	RT					17.4			
17+41.46 to 17+50.10	RT					13.3			
17+65.05 to 17+72.65	LT					13.7			
17+98.36 to 18+03.69	LT					11.6			
20+22.57 to 20+26.88	LT					11.0			
20+47.37 to 20+51.45	LT					11.2			
22+60.07 to 22+65.07	RT					10.0			
22+60.07 to 22+65.07	LT					10.0			
23+01.76 to 23+06.01	RT					8.9			
23+05.28 to 23+09.58	LT					10.8			
23+28.07 to 23+32.25	RT					10.8			
23+30.71 to 23+34.42	LT					10.5			
25+77.94 to 25+87.17	LT					15.9			
26+16.88 to 26+22.61	LT					12.3			
28+68.72 to 28+76.74	LT					13.1			
30+84.84 to 30+90.70	RT					13.3			
30+86.59 to 30+93.21	LT					12.7			
31+16.38 to 31+23.23	LT					13.5			
31+17.65 to 31+23.15	RT					12.5			
31+76.40 to 31+81.40	RT					9.7			
31+76.40 to 31+81.40	LT					10.3			
33+35.10 to 33+41.71	LT					13.2			
33+72.49 to 33+81.74	LT					18.0			
35+28.59 to 35+36.77	RT					12.0			
35+29.55 to 35+37.90	LT					12.0			
35+70.58 to 35+75.94	RT					8.6			
35+70.68 to 35+76.04	LT					8.7			
SUB-TOTAL:				1493.7		383.6			

<p align="center">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					JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	<p align="center">CITY OF TAMPA TRANSPORTATION DEPARTMENT</p> <table border="1"> <thead> <tr> <th>CITY PROJECT NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>1001220</td> <td>HILLSBOROUGH</td> <td>437246-1-58-01</td> </tr> </tbody> </table>	CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID	1001220	HILLSBOROUGH	437246-1-58-01	<p align="center">SUMMARY OF QUANTITIES</p>	SHEET NO. SQ-18
DATE	DESCRIPTION	DATE	DESCRIPTION																		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID																			
1001220	HILLSBOROUGH	437246-1-58-01																			

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	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
		0522 1		0522 2		0527 2			
		SY		SY		SF			
		P	F	P	F	P	F		
36+20.04 to 36+22.80	LT					12.0			
36+20.25 to 36+23.20	RT					12.0			
36+22.01 to 36+24.34	RT					8.7			
36+24.07 to 36+26.08	LT					8.6			
36+54.21 to 36+56.21	RT					8.6			
36+56.49 to 36+58.81	LT					8.9			
36+58.03 to 36+60.21	RT					12.0			
36+58.93 to 36+61.82	LT					11.7			
36+97.54 to 37+02.90	LT					8.6			
36+97.60 to 37+02.94	RT					8.6			
37+13.45 to 37+21.72	LT					11.9			
37+13.65 to 37+21.55	RT					12.0			
43+39.71 to 43+47.99	RT					13.9			
45+49.11 to 45+60.06	RT					17.6			
45+91.43 to 46+01.30	RT					16.0			
49+59.71 to 49+71.77	RT					26.1			
49+63.61 to 49+71.20	LT					17.4			
50+25.04 to 50+29.49	RT					9.9			
50+27.06 to 50+32.37	LT					9.6			
50+42.25 to 50+46.25	RT					8.7			
50+42.50 to 50+46.56	LT					8.8			
56+59.82 to 56+63.97	RT					10.8			
56+88.54 to 56+90.86	RT					10.1			
62+89.87 to 62+94.85	RT					15.4			
62+90.37 to 62+95.37	LT					10.0			
63+44.36 to 63+50.25	RT					12.7			
79+19.61 to 79+24.61	RT					10.0			
79+19.61 to 79+24.61	LT					10.0			
88+73.95 to 88+78.29	RT					13.3			
SUB-TOTAL :						343.9			

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		SQ-19
					1001220	HILLSBOROUGH	437246-1-58-01		

SUMMARY OF PERFORMANCE TURF					
LOCATION	SIDE	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
		0570	1 2		
STA. TO STA.		SY			
		P	F		
12+18.23 to 13+06.24	RT	27.1			
12+58.30 to 12+74.71	LT	7.7			
13+32.74 to 13+61.91	RT	14.4			
13+97.87 to 14+45.99	LT	9.9			
14+94.30 to 15+22.56	LT	10.8			
15+55.86 to 17+68.27	LT	161.1			
16+03.80 to 16+13.81	RT	3.2			
17+54.95 to 17+68.23	RT	3.3			
17+74.43 to 17+86.01	RT	1.3			
18+01.15 to 18+08.16	LT	2.8			
18+12.47 to 20+12.91	LT	260.3			
20+17.25 to 20+24.75	LT	4.0			
20+49.31 to 20+57.53	LT	4.4			
20+61.86 to 22+60.07	LT	302.3			
22+65.07 to 22+95.37	LT	43.9			
22+99.70 to 23+07.56	LT	4.0			
23+29.99 to 23+38.27	RT	4.6			
23+32.23 to 23+43.66	LT	8.2			
23+42.59 to 23+65.76	RT	13.0			
23+48.34 to 23+71.43	LT	24.1			
23+99.99 to 24+30.00	RT	9.1			
26+03.48 to 26+51.50	RT	17.9			
27+25.18 to 27+74.85	RT	36.2			
27+40.99 to 27+74.86	RT	13.3			
34+95.18 to 36+23.61	RT	48.0			
34+95.20 to 35+30.02	RT	19.7			
35+10.39 to 35+31.01	LT	10.4			
35+14.41 to 36+21.31	LT	42.8			
35+33.86 to 35+71.26	RT	25.1			
35+35.52 to 35+43.27	LT	3.2			
35+55.72 to 35+71.26	LT	8.5			
35+75.26 to 36+14.29	LT	14.4			
35+75.76 to 36+19.30	RT	21.0			
36+15.90 to 36+26.10	LT	12.7			
36+16.92 to 36+23.87	RT	8.7			
36+18.32 to 36+24.55	RT	3.4			
36+19.72 to 36+26.17	RT	3.6			
36+20.05 to 36+26.07	LT	8.6			
36+20.70 to 36+30.31	LT	22.2			
36+49.90 to 36+60.21	RT	15.2			
36+54.20 to 36+60.21	RT	6.7			
36+54.21 to 36+60.21	RT	4.5			
36+55.83 to 36+62.56	LT	7.0			
36+56.67 to 36+98.67	RT	22.5			
36+56.99 to 36+98.23	LT	42.2			
36+66.79 to 37+34.45	LT	55.0			
37+02.23 to 37+16.51	LT	8.8			
SUB-TOTAL:		1401.1			
TOTAL:		7009			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

SUMMARY OF QUANTITIES	

SHEET NO.
SQ-20

SUMMARY OF PERFORMANCE TURF					
LOCATION	SIDE	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
		0570	1 2		
		SY			
STA. TO STA.		P	F		
37+02.67 to 37+16.79	RT	8.9			
37+21.87 to 37+34.44	LT	4.5			
43+02.32 to 43+14.13	LT	8.8			
43+19.45 to 43+35.17	LT	12.7			
46+30.90 to 47+51.17	RT	89.3			
47+33.69 to 47+45.69	LT	2.4			
47+51.17 to 48+37.69	RT	38.0			
47+54.19 to 47+69.85	LT	5.3			
49+50.16 to 49+75.80	RT	13.1			
50+28.73 to 50+41.97	RT	6.9			
50+52.08 to 50+58.44	RT	1.1			
50+52.48 to 54+90.72	LT	284.5			
50+67.56 to 51+63.76	RT	21.7			
50+92.14 to 52+23.55	LT	20.8			
52+68.15 to 54+32.16	LT	22.8			
54+71.54 to 55+10.93	LT	18.0			
55+37.40 to 55+77.14	LT	18.5			
55+53.18 to 56+58.87	RT	67.5			
55+55.74 to 58+84.06	LT	210.8			
56+95.03 to 58+13.58	RT	73.3			
58+52.15 to 59+05.39	LT	24.6			
58+52.64 to 58+71.64	RT	23.3			
58+84.13 to 59+00.47	LT	5.2			
58+96.64 to 59+27.84	RT	41.3			
59+52.84 to 59+65.28	RT	10.2			
59+77.29 to 60+03.14	LT	10.0			
59+77.40 to 59+85.52	LT	2.7			
59+85.55 to 62+90.37	LT	199.9			
59+92.70 to 60+01.97	RT	1.5			
60+26.97 to 60+39.45	RT	2.7			
62+29.81 to 62+37.22	RT	1.7			
62+61.97 to 62+70.27	RT	1.0			
62+94.83 to 63+00.74	RT	6.0			
62+95.37 to 63+17.48	LT	11.5			
63+66.06 to 76+18.75	LT	827.2			
63+72.23 to 66+05.13	RT	51.6			
66+46.77 to 68+70.04	RT	50.5			
69+06.09 to 69+35.91	RT	22.5			
69+39.69 to 69+65.87	RT	6.7			
69+90.12 to 70+05.08	RT	6.1			
69+99.00 to 72+30.92	RT	145.8			
70+22.93 to 71+13.02	LT	36.5			
72+94.48 to 73+32.81	RT	14.1			
73+70.39 to 75+08.70	RT	325.6			
75+23.18 to 79+19.61	RT	780.1			
76+79.67 to 79+19.61	LT	156.9			
79+24.61 to 82+49.66	RT	528.8			
80+12.29 to 80+77.96	LT	39.6			
SUB-TOTAL:		4262.5			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY SIEWERT, P.E.
P.E. LICENSE NUMBER 39196
AYRES ASSOCIATES
8875 HIDDEN RIVER PKWY, SUITE 200
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION 4356

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
1001220	HILLSBOROUGH	437246-1-58-01

SUMMARY OF QUANTITIES	

SHEET NO.
SQ-21

SUMMARY OF PERFORMANCE TURF					
LOCATION	SIDE	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
		0570	1 2		
STA. TO STA.		SY			
		P	F		
82+69.66 to 83+96.59	RT	95.9			
83+84.06 to 85+05.41	LT	116.9			
84+10.42 to 85+11.68	LT	70.6			
84+21.48 to 87+93.63	RT	242.8			
84+21.48 to 87+93.63	RT	242.8			
84+21.48 to 88+44.73	RT	311.0			
85+46.77 to 88+44.72	LT	196.8			
85+52.89 to 86+64.86	LT	68.6			
SUB-TOTAL:		1345.4			

REVISIONS				JEFFREY SIEWERT, P.E. P.E. LICENSE NUMBER 39196 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637 CERTIFICATE OF AUTHORIZATION 4356	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO. SQ-22
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				1001220	HILLSBOROUGH	437246-1-58-01			