## COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING & PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS
STRUCTURE PLANS
LANDSCAPE & IRRIGATION PLANS

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# LEE COUNTY BOARD OF COUNTY COMMISSIONERS

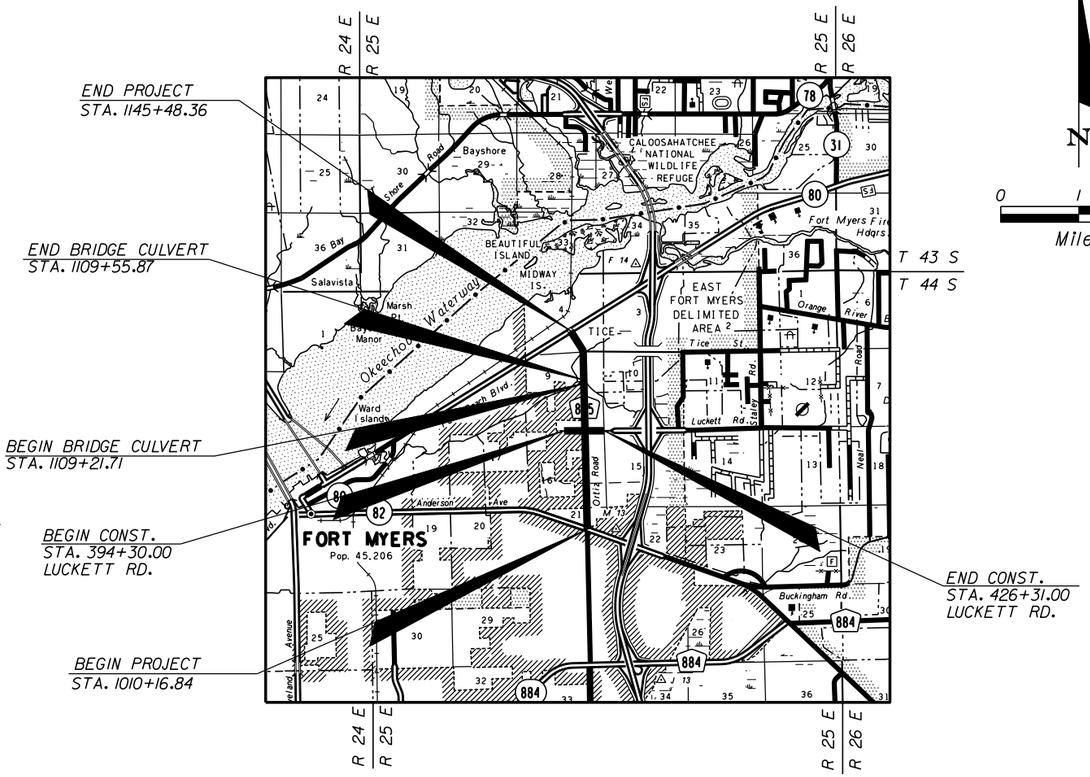
## PUBLIC WORKS ADMINISTRATION
## DEPARTMENT OF TRANSPORTATION

## CONTRACT PLANS

PLANS OF PROPOSED

# ORTIZ AVENUE (CR 865)

COUNTY PROJECT NO. 4072




ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:


**AIM ENGINEERING & SURVEYING, INC.**
5802 BRECKENRIDGE PARKWAY, SUITE 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
ATTN: SHAWN D. SWETS, P.E. NO. 60274


PLANS PREPARED BY:


**AIM ENGINEERING & SURVEYING, INC.**
5802 BRECKENRIDGE PARKWAY, SUITE 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
Certificate of Authorization No. 3114
Contract No. C-7485
Vendor No. 65-0197775


THIS IS TO CERTIFY THAT THESE PLANS AND THE ASSOCIATED CONSTRUCTION PROJECT ARE IN SUBSTANTIAL COMPLIANCE WITH THE LEE COUNTY LAND DEVELOPMENT CODE WITH THE EXCEPTION OF THE FOLLOWING DEVIATIONS WHICH HAVE BEEN APPROVED BY THE DIRECTOR OF PUBLIC WORKS:
LIST OF DEVIATIONS: NONE

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

**IN PROGRESS**
**FINAL PLANS**

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED JANUARY 2010.

STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.

LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS FOR SIGNALIZATION, OVERHEAD SIGNS AND ROADWAY LIGHTING PLANS.

AT LEAST 72 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL CONTACT THE LOCAL MAINTENANCE FDOT ENGINEER'S OFFICE TO SECURE GENERAL USE PERMITS AND / OR OTHER PERMITS AS REQUIRED FOR WORKING WITHIN THE DEPARTMENT'S RIGHT-OF-WAY.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01-01-10

FOR DESIGN STANDARDS MODIFICATIONS CLICK ON "DESIGN STANDARDS" AT THE FOLLOWING WEB SITE:
HTTP://WWW.DOT.STATE.FL.US/RDDESIGN/

## LENGTH OF PROJECT

| | LINEAR FEET | MILES |
|---|---|---|
| ROADWAY | 16,698.36 | 3.162 |
| BRIDGES | 34.16 | 0.006 |
| NET LENGTH OF PROJECT | 16,732.52 | 3.169 |
| EXCEPTIONS | 0.00 | 0.000 |
| GROSS LENGTH OF PROJECT | 16,732.52 | 3.169 |

LEE COUNTY PROJECT MANAGER: ROB PHELAN, PE

ROADWAY PLANS
ENGINEER OF RECORD:

SHAWN D. SWETS, P.E. _____ DATE
P.E. NO.: 60274

DEVELOPMENT ORDER APPROVED:
LEE COUNTY PUBLIC WORKS
ADMINSTRATOR

JIM LAVENDER _____ DATE
DIRECTOR OF PUBLIC WORKS.

KEY SHEET REVISIONS

| DATE | BY | DESCRIPTION |
|---|---|---|
| | | |

SHEET NO.
1

## ROADWAY

| PAY ITEM No. | DESCRIPTION | UNITS | TOTAL |
|---|---|---|---|
| 101-1 | Mobilization | LS | 1 |
| 102-1 | Maintenance of Traffic | LS | 1 |
| 102-60 | Work Zone Signs | ED | 1 |
| 102-74-1 | Barricade (Temporary) Types I, II, VP & Drum | ED | 1 |
| 102-76 | Panels Arrow Advance Warning | ED | 1 |
| 102-77 | High Intensity Flashing Lights (Temp-Type B) | ED | 1 |
| 102-78 | Marker Pavt Reflective (Temporary) | EA | 1 |
| 102-99 | Changeable - Variable Message Sign (Temporary) | ED | 1 |
| 102-107 | Traffic Detection-Intersection, Temporary | DA | 1 |
| 104-10-2 | Synthetic Bales | LF | 3200 |
| 104-11 | Floating Turbidity Barrier | LF | 1247 |
| 104-12 | Staked Turbidity Barrier | LF | 435 |
| 104-13-1 | Silt Fence Staked (Type III) | LF | 43819 |
| 104-16 | Rock Bags | EA | 3320 |
| 110-1-1 | Clearing & Grubbing | AC | 95.6 |
| 110-4 | Concrete Pavement, Removal of Existing | SY | 10368 |
| 110-7-1 | Mailboxes (F & I) | EA | 98 |
| 120-1 | Excavation, Regular | CY | 235513 |
| 120-6 | Embankment | CY | 103926 |
| 160-4 | Stabilization, Type B | SY | 170979 |
| 285-709 | Base Optional (Base Group 9) | SY | 150416.4 |
| 286-1 | Turnout Construction | SY | 567 |
| 327-70-1 | Milling Existing Asphalt (1") | SY | 8474 |
| 331-72-10 | Asphaltic Concrete Type S-III (1") | SY | 158794.3 |
| 331-72-24 | Asphaltic Concrete Type S-I (2.5") | SY | 149750.1 |
| 339-1 | Misc. Asphalt Pavt. (2") | TN | 6 |
| 400-1-2 | Conc Class I (Endwall) | CY | 332 |
| 400-1-15 | Conc Class I (Miscellaneous) | CY | 5 |
| 400-11 | Class I Conc. (Gravity Wall) | CY | 95 |
| 415-1-6 | Rein. Steel (Misc.) | LB | 42464 |
| 425-1-351 | Inlets (Curb Type P-5) (<10') | EA | 81 |
| 425-1-361 | Inlets (Curb Type P-6) (<10') | EA | 45 |
| 425-1-451 | Inlets (Curb Type J-5) (<10') | EA | 23 |
| 425-1-452 | Inlets (Curb Type J-5) (>10') | EA | 5 |
| 425-1-461 | Inlets (Curb Type J-6) (<10') | EA | 12 |
| 425-1-462 | Inlets (Curb Type J-6) (>10') | EA | 1 |
| 425-1-521 | Inlets (Dt Bot Type C) (<10') | EA | 45 |
| 425-1-523 | Inlets (Dt Bot Type C J Bot) (<10') (Standard Index 201) | EA | 8 |
| 425-1-525 | Inlets (Dt Bot Type C) (Part.) | EA | 1 |
| 425-1-531 | Inlets (Dt Bot Type C Mod) (<10') | EA | 9 |
| 425-1-549 | Inlets (Dt Bot Type D Mod) (<10') | EA | 5 |
| 425-2-41 | Manhole (Type P-7) (<10') | EA | 10 |
| 425-2-71 | Manhole (Type J-7) (<10') | EA | 23 |
| 425-2-72 | Manhole (Type J-7) (>10') | EA | 2 |
| 425-3-61 | Junction Box (Type J-7) (<10') | EA | 2 |
| 425-3-63 | Junction Box (Type P-7 Partial) (<10') | EA | 4 |
| 425-5 | Manhole (Adj.) | EA | 5 |
| 430-94-1 | Desilt Pipe (0 to 24") | LF | 681 |
| 430-94-2 | Desilt Pipe (25 to 36") | LF | 300 |
| 430-174-101 | Pipe Culv (Opt Matl) (Round 0 to 24" SD) | LF | 25 |
| 430-174-201 | Pipe Culv (Opt Matl) (Other 0 to 24" SD) | LF | 64 |
| 430-175-101 | Pipe Culv (Opt Matl) (Round 0 to 24" S/CD) | LF | 19565 |
| 430-175-102 | Pipe Culv (Opt Matl) (Round 25 to 36" S/CD) | LF | 8221 |
| 430-175-103 | Pipe Culv (Opt Matl) (Round 37 to 48" S/CD) | LF | 4281 |
| 430-175-104 | Pipe Culv (Opt Matl) (Round 49 to 60" S/CD) | LF | 778 |
| 430-175-201 | Pipe Culv (Opt Matl) (Other 0 to 24" S/CD) | LF | 923 |
| 430-982-125 | Mitered End Section (Opt Matl) (Round 18" CD) | EA | 10 |
| 430-982-129 | Mitered End Section (Opt Matl) (Round 24" CD) | EA | 2 |
| 430-982-133 | Mitered End Section (Opt Matl) (Round 30" CD) | EA | 4 |
| 430-982-138 | Mitered End Section (Opt Matl) (Round 36" CD) | EA | 5 |
| 430-982-140 | Mitered End Section (Opt Matl) (Round 42" CD) | EA | 1 |
| 430-982-141 | Mitered End Section (Opt Matl) (Round 48" CD) | EA | 2 |
| 430-982-142 | Mitered End Section (Opt Matl) (Round 54" CD) | EA | 2 |
| 430-984-125 | Mitered End Section (Opt Matl) (Round 18" SD) | EA | 2 |
| 430-984-625 | Mitered End Section (Opt Matl) (Other 18" SD) | EA | 2 |
| 515-1-1 | Pipe Handrail (G'rail) Steel | LF | 820 |
| 515-2-101 | Ped-bike Rail (42" Pick.) | LF | 18 |
| 520-1-7 | Concrete Curb and Gutter (Type E) | LF | 29497 |
| 520-1-10 | Concrete Curb and Gutter (Type F) | LF | 41117 |
| 520-5-11 | Traffic Seperator - Concrete Type 1 4' Wide | LF | 868 |
| 520-70 | Traffic Seperator - Concrete, Special | SY | 296 |
| 522-1 | Concrete Sidewalk, 4" Thick | SY | 22956 |
| 522-2 | Concrete Sidewalk, 6" Thick | SY | 3092 |
| 530-3-4 | Riprap - Rubble (Ditch Lining) | TN | 152.4 |

## ROADWAY (CONT.)

| PAY ITEM No. | DESCRIPTION | UNITS | TOTAL |
|---|---|---|---|
| 524-1-1 | Conc. Ditch Pavt. (Non-reinf.) | SY | 31 |
| 536-1-1 | Guardrail (Rdwy.) | LF | 175 |
| 536-85-2 | Gr Bridge Anch. Parall. | EA | 2 |
| 570-1-2 | Turf Complete (Sodding) | SY | 171002 |

## SIGNING & MARKING

| | | | |
|---|---|---|---|
| 700-20-11 | SINGLE POST SIGN (F&I) (LESS THAN 12) | AS | 133 |
| 700-20-12 | SINGLE POST SIGN (F&I) (12-20) | AS | 64 |
| 700-21-11 | MULTI-POST SIGN (F&I) (50 OR LESS) | AS | 11 |
| 705-10-1 | OBJECT MARKER, POST MOUNTED, TYPE 1 | EA | 9 |
| 705-10-3 | OBJECT MARKER, POST MOUNTED, TYPE 3 | EA | 1 |
| 705-10-3 | OBJECT MARKER, OBJECT MOUNTED, TYPE 3 | EA | 4 |
| 705-11-1 | DELINEATOR, FLEXIBLE TUBULAR | EA | 41 |
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKER | EA | |
| | W/R | | 1987 |
| | Y/Y | | 1180 |
| 710-11-111 | PAINT, STANDARD, WHITE, SOLID, 6" | NM | 11.361 |
| 710-11-131 | PAINT, STANDARD, WHITE, 10/30 SKIP, 6" | GM | 5.345 |
| 710-11-151 | PAINT, STANDARD, WHITE, 2/4 SKIP, 6" | LF | 1297 |
| 710-11-190 | REFLECTIVE PAINT, ISLAND NOSE, WHITE | SF | 263 |
| 710-11-211 | PAINT, STANDARD, YELLOW, SOLID, 6" | NM | 9.597 |
| 710-11-290 | REFLECTIVE PAINT, ISLAND NOSE, YELLOW | SF | 1368 |
| 711-11-122 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" | LF | 11609 |
| 711-11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" | LF | 2824 |
| 711-11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" | LF | 3883 |
| 711-11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" | LF | 1478 |
| 711-11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE | EA | |
| | ONLY | | 40 |
| | SCHOOL | | 5 |
| 711-11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROWS | EA | |
| | RIGHT TURN ARROWS | | 61 |
| | LEFT TURN ARROWS | | 142 |
| | RIGHT TURN/THRU COMBINATION ARROWS | | 2 |
| 711-11-222 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 8" | LF | |
| 711-11-224 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 18" | LF | 1870 |
| 711-17 | THERMOPLASTIC, REMOVE | SF | 35 |

## SIGNALIZATION & INTERCONNECT

| | | | |
|---|---|---|---|
| 555-1-1 | DIRECTIONAL BORE - (< 6") | LF | 1216 |
| 555-1-2 | DIRECTIONAL BORE - (6" TO <12") | LF | 1419 |
| 630-1-11 | CONDUIT (ABOVEGROUND) / F&I | LF | 125 |
| 630-1-12 | CONDUIT (UNDERGROUND) / F&I | LF | 16340 |
| 630-1-13 | CONDUIT (UNDERPAVEMENT SAWCUT) / F&I | LF | 30 |
| 632-7-1 | CABLE (SIGNAL) / F&I | PI | 4 |
| 633-111-1 | FIBER OPTIC CABLE (AERIAL, SM, 12 STR, F&I) | LF | 9880 |
| 633-112-1 | FIBER OPTIC CABLE (AERIAL, MM, 12 STR, F&I) | LF | 9880 |
| 633-122-1 | FIBER OPTIC CABLE (UNDERGROUND, MM, 12 STR, F&I) | LF | 10346 |
| 633-121-4 | FIBER OPTIC CABLE (UNDERGROUND, SM, 144 STR, F&I) | LF | 17900 |
| 634-4-113 | SPAN WIRE ASSEMBLY - BOX / F&I | PI | 3 |
| 634-5-1 | FIBERGLASS INSULATOR | LF | 30 |
| 635-1-11 | PULL AND JUNCTION BOXES (PULL BOX) / F&I | EA | 76 |
| 635-1-12 | PULL AND JUNCTION BOXES F&I (AERIAL JUNC. BOX) | EA | 2 |
| 635-1-15 | PULL AND JUNCTION BOXES (FIBER OPTIC) / F&I | EA | 28 |
| 639-1-22 | ELECTRICAL POWER SERVICE (UNDERGROUND) | AS | 4 |
| 639-2-1 | ELECTRICAL SERVICE WIRE / F&I | LF | 2796 |
| 641-16-138 | PRESTR. CONC. POLES - TYPE N-VII 38'/ F&I W/F | EA | 12 |
| 641-41-112 | PRESTR. CONC. POLES-TYPE N-II 12'/ F&I - DIR. BURIAL | EA | 4 |
| 649-416-004 | MAST ARM ASSEMBLY | EA | 1 |
| 649-426-504 | MAST ARM ASSEMBLY | EA | 1 |
| 650-51-313 | TRAFFIC SIGNAL F&I 3SEC, 1DIR, SPECIAL | AS | 34 |
| 650-51-513 | TRAFFIC SIGNAL F&I 5SEC, 1DIR, SPECIAL | AS | 7 |
| 653-181 | PEDESTRIAN SIGNALS, LED, ONE WAY / F&I | AS | 22 |
| 653-182 | PEDESTRIAN SIGNALS, LED, TWO WAYS / F&I | AS | 1 |
| 653-191 | PEDESTRIAN SIGNALS, LED, ONE WAY / F&I | AS | 8 |
| 659-101 | SIGNAL HEAD AUXILIARIES (BACK PLATES, 3 SECT.) | EA | 11 |
| 659-106 | SIGNAL HEAD AUXILIARIES (TUNNEL VISOR) | EA | 137 |
| 659-107 | SIGNAL HEAD AUXILIARIES (ALUMINUM PED.) / F&I | EA | 19 |
| 659-118 | SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECT.) | EA | 7 |
| 663-74-11 | VEHICLE DETECTOR - OPTICAL TYPE / F&I | EA | 4 |
| 665-11 | PED. DETECTOR (POLE MOUNTED DETECTOR STA.) / F&I | EA | 10 |
| 665-13 | PED. DETECTOR (DETECTOR WITH SIGN ONLY) / F&I | EA | 21 |
| 670-5-110 | ACTUATED SOLID STATE CONTRL. ASSEM., NEMA / F&I | AS | 4 |

## SIGNALIZATION & INTERCONNECT (CONT.)

| PAY ITEM No. | DESCRIPTION | UNITS | TOTAL |
|---|---|---|---|
| 685-124 | SYSTEM AUXILIARIES (FIBER SPLICE ENCLOSURE) / F&I | EA | 4 |
| 685-128 | SYSTEM AUX. (PATCH PANEL, PRETERM., 60' 12 STR SM) / F&I | EA | 3 |
| 685-140 | SYSTEM AUX. (F.O., MODULATOR/DEMODULATOR) / F&I | EA | 3 |
| 690-10 | TRAFFIC SIGNAL HEAD ASSEMBLY REMOVAL | EA | 28 |
| 690-20 | SIGNAL PEDESTRIAN ASSEMBLY REMOVAL | EA | 20 |
| 690-31 | SIGNAL PEDESTAL REMOVAL | EA | 9 |
| 690-33-1 | POLE REMOVAL (DEEP DIRECT BURIAL) | LF | 80 |
| 690-50 | CNTRL ASSEM REMOVE | EA | 2 |
| 690-50-1 | CNTRL. ASSEM. REMOVE (CAB ASSEM. LESS FOUNDATION) | EA | 1 |
| 690-60 | DETECTOR VEHICLE ASSEMBLY REMOVE | EA | 16 |
| 690-70 | DETECTOR PEDESTRIAN ASSEMBLY REMOVE | EA | 12 |
| 690-80 | SPAN WIRE ASSEMBLY REMOVE | EA | 6 |
| 690-90 | CONDUIT & CABLING REMOVE | PI | 4 |
| 690-91 | SIGNAL INTERCONNECT CABLE REMOVE | LF | 9230 |
| 690-100 | SIGNAL EQUIPMENT MISCELLANOUS REMOVE | PI | 4 |
| 699-1-1 | INTERNALLY ILLUM. SIGN - SINGLE-PANEL ONE-WAY | EA | 7 |
| 700-46-15 | EXISTING SIGN (REMOVE, SPAN WIRE) | EA | 15 |
| 700-48-18 | SIGN PANEL (SQ FT. OF SIGN PANEL- ≤15 ) (R10-12)/ F&I | EA | 5 |
| 715-1-12 | LIGHTING CONDUCTOR (NO. 6, F&I) | LF | 4326 |
| 715-5-11 | LUMINAIRE & BRACKET ARM (ALUMINUM, F&I) | EA | 12 |
| 715-14-54 | PULL BOX REMOVE (SURFACE MOUNT) | EA | 5 |

## LIGHTING

| | | | |
|---|---|---|---|
| 555-1-1 | DIRECTIONAL BORE - (< 6") | LF | 3995 |
| 715-1-12 | LIGHTING-CONDUCTORS (SIZE No. 2 AWG)/F&I | LF | 450 |
| 715-1-12 | LIGHTING-CONDUCTORS (SIZE No. 6 AWG)/F&I | LF | 98619 |
| 715-2-11 | LIGNTING CONDUIT (UNDERGROUND) (2" HDPE)/ F&I | LF | 28878 |
| 715-4-121 | LIGHT POLE COMPLETE, (WIND SPEED 130 MPH) (HAPCO B78230-40')/ F&I | EA | 140 |
| 715-7-11 | LOAD CENTER (SECONDARY VOLTAGE) /F&I | EA | 3 |
| 715-14-12 | LIGHTING - PULL BOX (SIDEWALK) /F&I | EA | 73 |

## STRUCTURES

| | | | |
|---|---|---|---|
| 110-3 | STRUCTURE REMOVAL OF EXISTING | LS | 198 |
| 400-2-10 | CONC. CLASS II (APPROACH SLAB) | CY | 82.4 |
| 400-2-15 | CONC. CLASS II (MISC.) | CY | 24.0 |
| 400-4-1 | CONC. CLASS IV (CULVERTS) | CY | 334.7 |
| 415-1-6 | REINF. STEEL (MISC.) | LB | 67903 |
| 415-1-9 | REINF. STEEL (APPROACH SLABS) | LB | 15978 |
| 450-70-2 | ALUMINUM RAILING (DOUBLE RAIL) | LF | 128 |
| 521-5-4 | CONC. TRAFF. RAILING BAR. BRDG. (32" VERT. FACE) | LF | 128 |
| 530-1 | RIPRAP (SAND-CEMENT) | CY | 72.1 |
| 530-3-3 | RIPRAP (RUBBLE) (BANK AND SHORE) | TN | 699.6 |
| 530-74 | BEDDING STONE | TN | 249.2 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

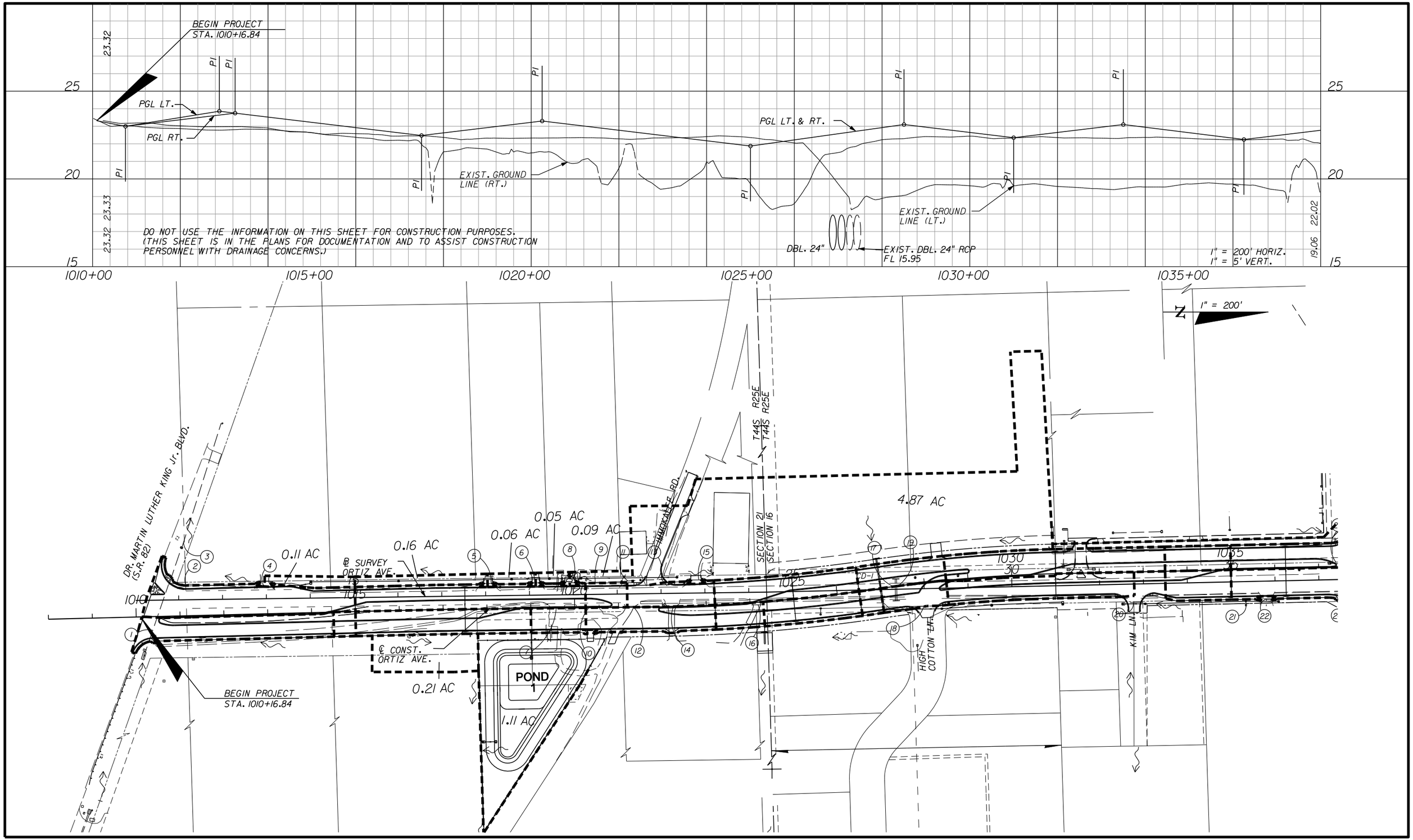
AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

# SUMMARY OF PAY ITEMS

SHEET NO. 2




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

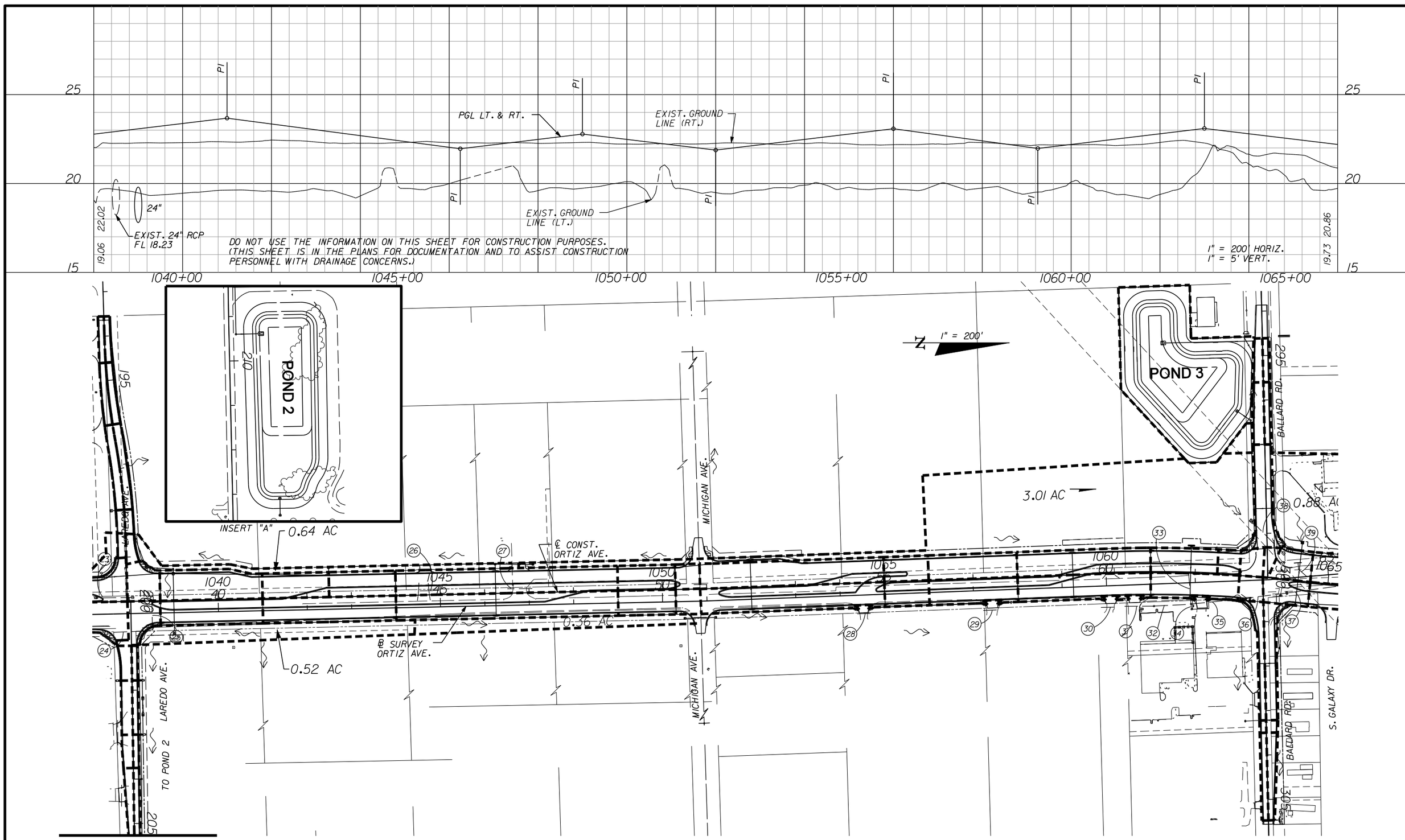

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# DRAINAGE MAP (1)

SHEET NO. 3

apeters

10/11/2010 3:56:23 PM P:\LeeCounty_05-89740rt12\PlanSet\drainage\DRMPRD01.dgn




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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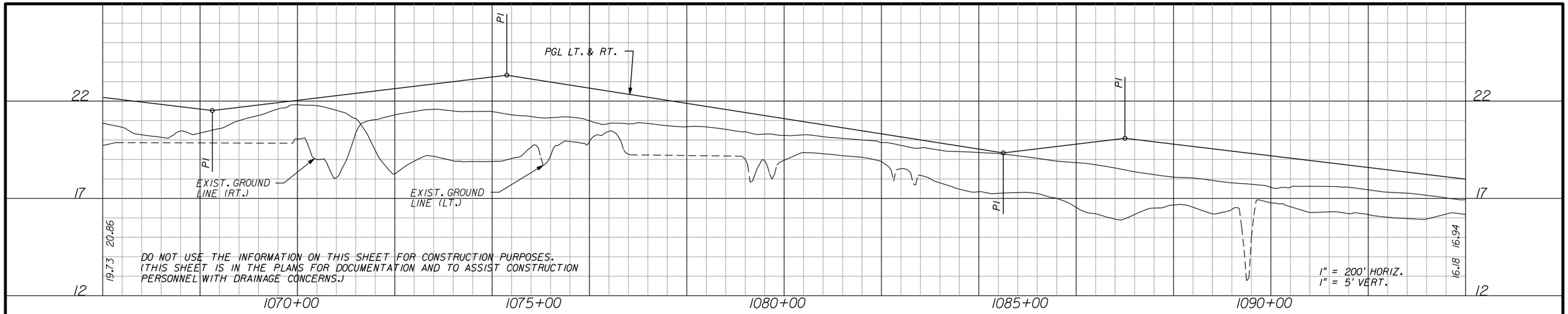

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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
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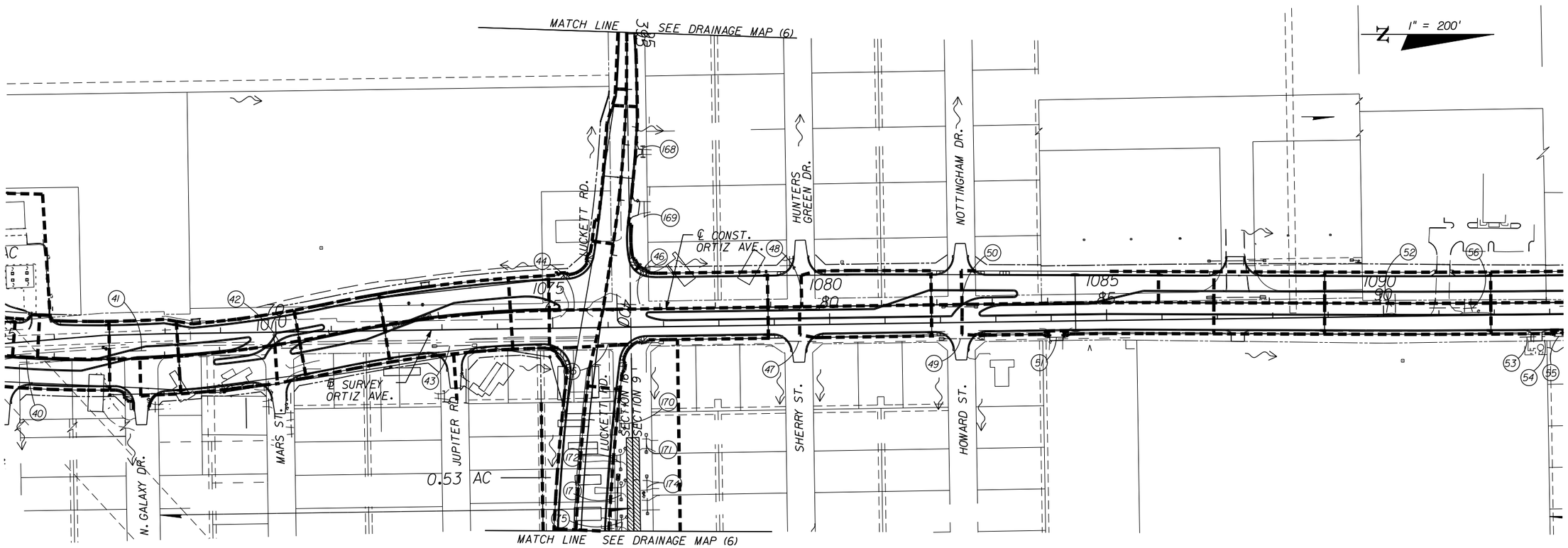

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# DRAINAGE MAP (2)

SHEET NO. 4




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |

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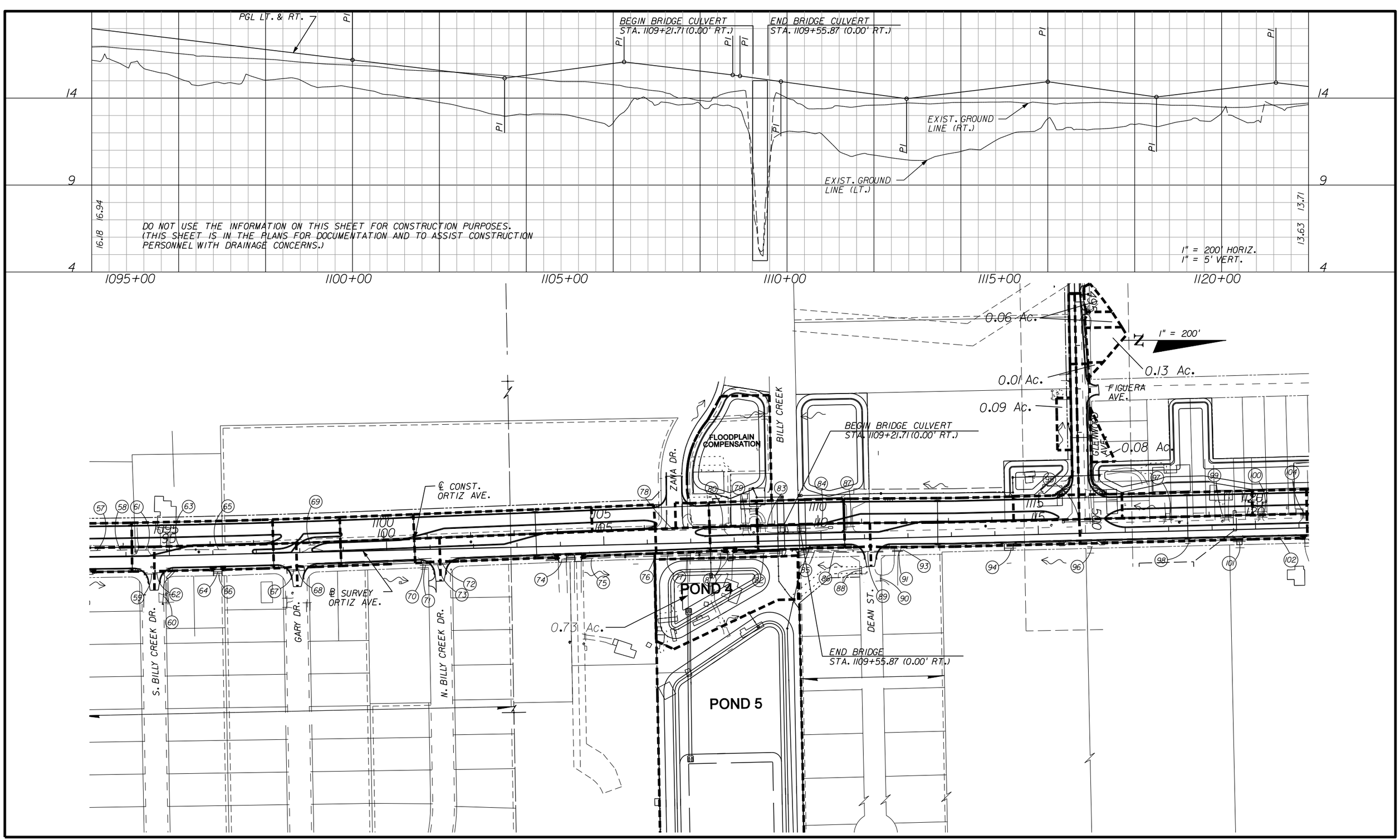
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# DRAINAGE MAP (3)

SHEET NO. 5

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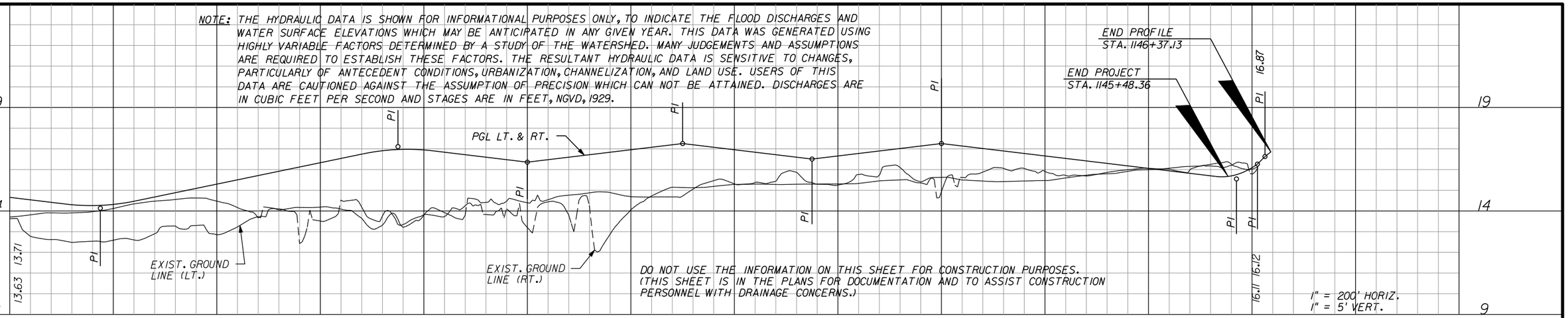

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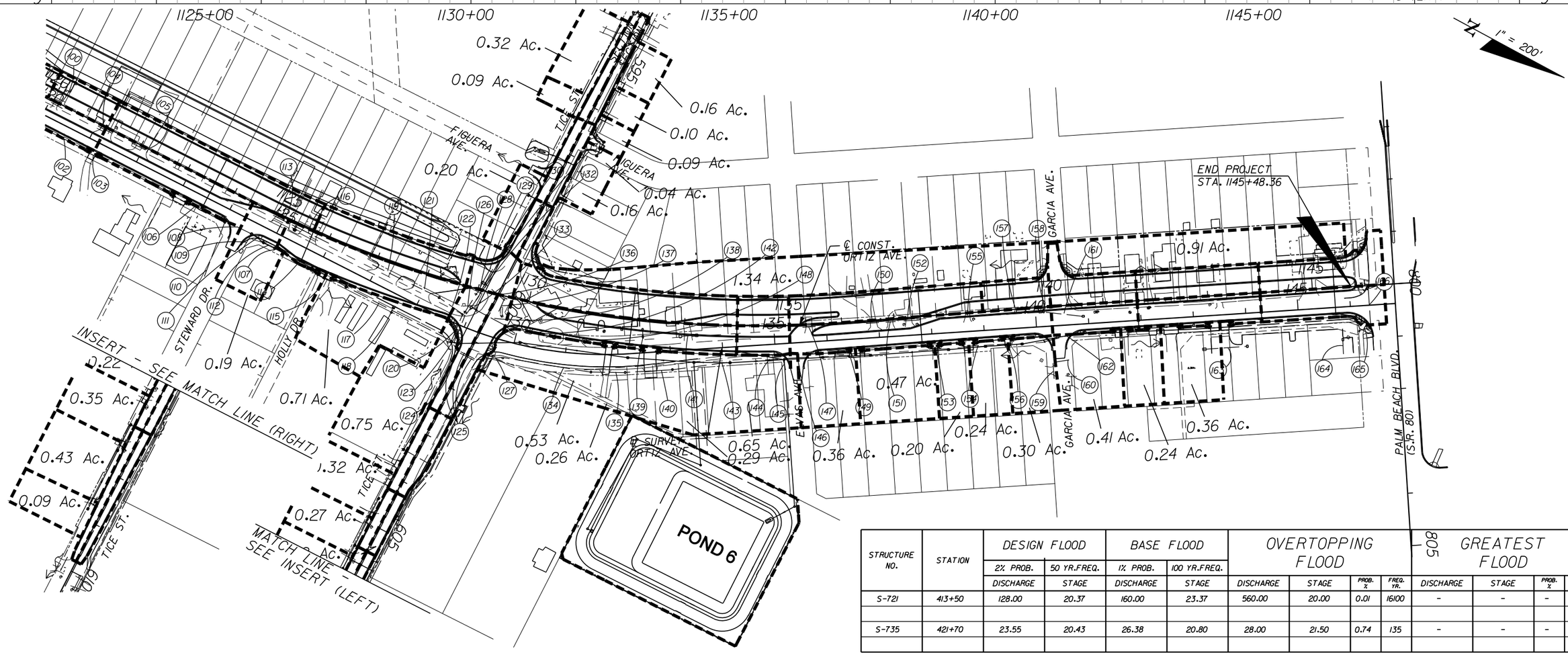

# DRAINAGE MAP (4)

SHEET NO. 6

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NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND AND STAGES ARE IN FEET, NGVD, 1929.




| STRUCTURE NO. | STATION | DESIGN FLOOD | | BASE FLOOD | | OVERTOPPING FLOOD | | | | GREATEST FLOOD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2% PROB. | 50 YR.FREQ. | 1% PROB. | 100 YR.FREQ. | | | | | | | | |
| | | DISCHARGE | STAGE | DISCHARGE | STAGE | DISCHARGE | STAGE | PROB. % | FREQ. YR. | DISCHARGE | STAGE | PROB. % | FREQ. YR. |
| S-721 | 413+50 | 128.00 | 20.37 | 160.00 | 23.37 | 560.00 | 20.00 | 0.01 | 16100 | - | - | - | - |
| | | | | | | | | | | | | | |
| S-735 | 421+70 | 23.55 | 20.43 | 26.38 | 20.80 | 28.00 | 21.50 | 0.74 | 135 | - | - | - | - |
| | | | | | | | | | | | | | |

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| | | | |


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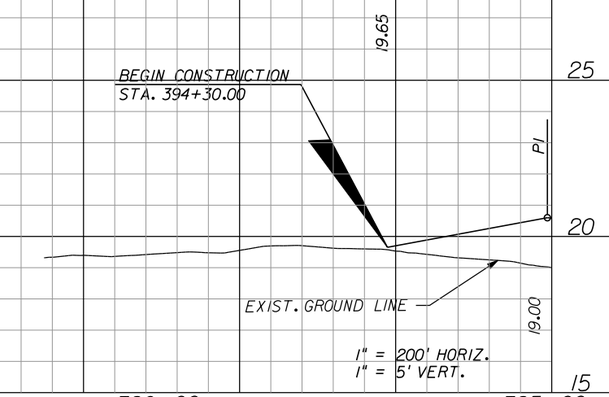

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# DRAINAGE MAP (5)

SHEET NO. 7

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DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES.
(THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.)







| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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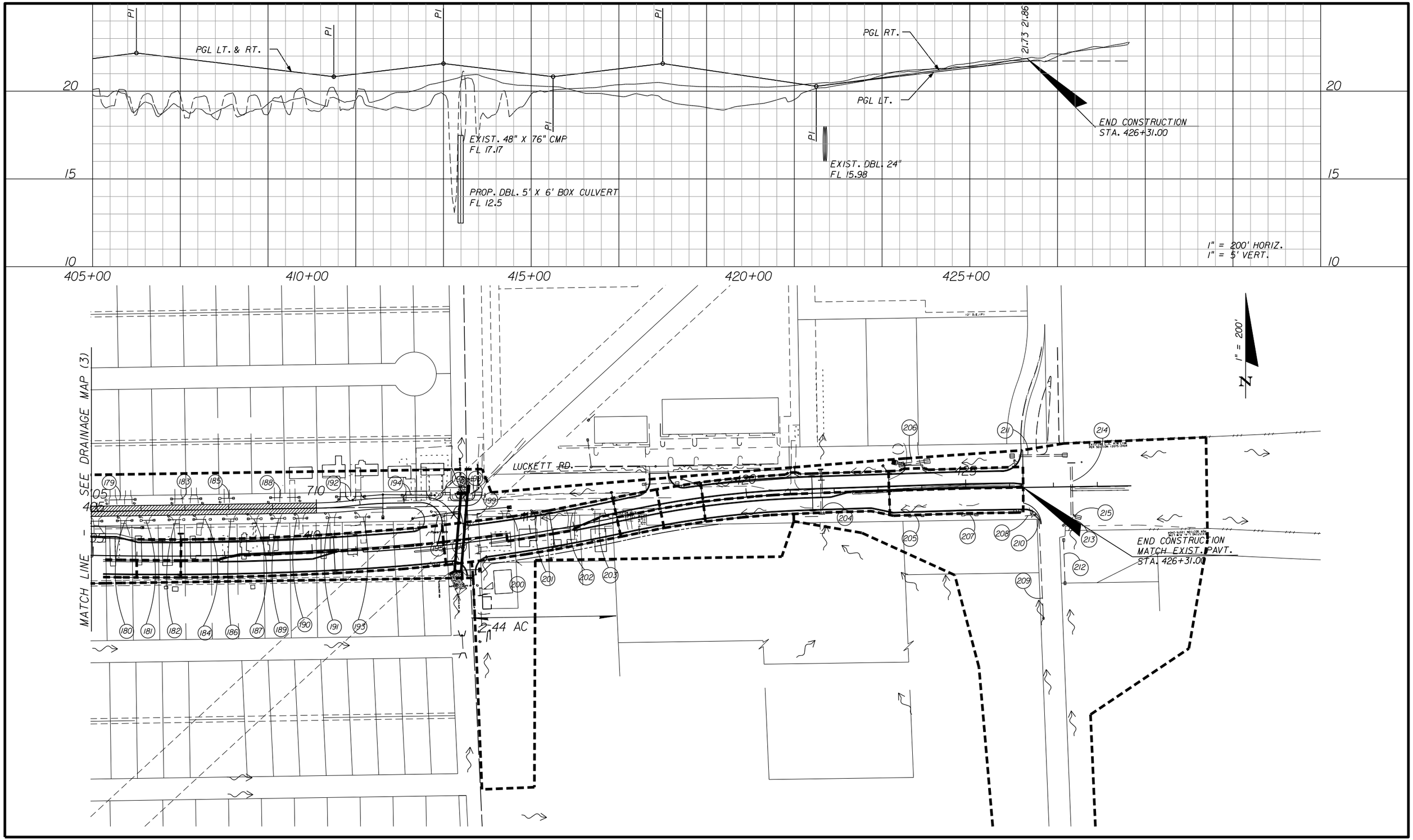
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# DRAINAGE MAP (6)
# LUCKETT ROAD

SHEET NO.
8

apeters
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# DRAINAGE MAP (7)
# LUCKETT ROAD

SHEET NO. 9

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# SUMMARY OF EXISTING DRAINAGE STRUCTURES

(1)
MES
36" RCP
FL 17.12 W

(2)
24" RCP
RIM EL. 22.27
FL 16.26 W
FL 16.49 E
FL 17.12 N

(3)
36" RCP
GRATE EL. 21.24
FL 16.78 W
FL 16.70 E

(4)
24" RCP
GRATE EL. 21.82
FL 18.76 S
FL 18.51 N

(5)
18" RCP
FL 19.07 S
FL 18.71 N

(6)
18" RCP
FL 18.53 S
FL 18.52 N

(7)
18" RCP
GRATE EL. 21.01
FL 18.48 S
FL 18.61 N

(8)
18" RCP
GRATE EL 21.51
FL 18.49 S
FL 18.54 N

(9)
18" CPP
GRATE EL 21.48
FL 18.60 S
FL 18.36 N

(10)
18" RCP
FL 18.62 S
FL 18.97 N

(11)
14X23" RCP
GRATE EL 21.67
FL 18.35 S
FL 18.70 N

(12)
18" RCP
FL 18.76 S
FL 18.38 N

(13)
14X23" RCP
FL 18.76 S
FL 18.50 N

(14)
18" RCP
FL 18.53 S
FL 18.30 N

(15)
18" RCP
FL 19.08 S
FL 19.13 N

(16)
18" RCP
FL 18.59 S
FL 18.52 N

(17)
24" RCP
FL 16.24 W
FL 15.66 E

(18)
24" RCP
FL 17.02 S
FL 18.16 N

(19)
24" RCP
FL 16.28 W
FL 15.65 E

(20)
24" RCP
FL 17.61 S
FL 18.11 N

(21)
12"X18" RCP
GRATE EL. 20.65
FL 19.10 E
FL 19.12 W

(22)
19"X30" RCP
FL 17.94 S
FL 18.26 N

(23)
MES
18" RCP
FL 17.91 S
FL 17.85 N

(24)
19"X30" RCP
FL 18.30 S
FL 18.51 N

(25)
MES
24" RCP
FL 18.24 W
FL 18.23 E

(26)
18" RCP
FL 18.35 S
FL 18.37 N

(27)
18" RCP
FL 18.30 S
FL 18.22 N

(28)
19"X30" RCP
FL 17.03 S
FL 17.13 N

(29)
24" CPP
FL 17.31 S
FL 17.43 N

(30)
24" CPP
FL 16.04 S
FL 16.16 N

(31)
24" RCP
GRATE EL. 19.85
FL 16.15 S
FL 15.69 N

(32)
24" RCP
GRATE EL. 19.98
FL 17.89 S
FL 16.87 N

(33)
MES (DESTROYED)
24" CMP
FL 17.33 W
FL 16.95 E

(34)
12" RCP
GRATE EL. 20.32
FL 17.67 E
FL 17.61 W

(35)
24" RCP
GRATE EL. 20.13
FL 16.87 S
FL 17.55 N

(36)
24" TO 30" RCP
GRATE EL. 20.29
FL 17.47 S
FL 17.28 N

(37)
24" RCP
GRATE EL. 20.40
FL 17.15 S
FL 16.60 N

(38)
MES
36" RCP/CPP
FL 15.90 W
FL 15.85 E

(39)
36" RCP
FL 16.21 W

(40)
14"X23" RCP
FL 18.22 S
FL 18.04 N

(41)
24" RCP
FL 17.20 S
FL 17.16 N

(42)
24" RCP
FL 16.82 S
FL 17.31 N

(43)
24" CMP
MES
FL 17.18 S
FL 16.84 N

(44)
15" RCP
FL 17.96 S
FL 18.01 N

(45)
24" CMP
MES (DESTROYED)
FL 16.75 S
FL 16.26 N

(46)
18" RCP (BROKEN
& BURIED)
FL 18.48 S
FL 18.20 N

(47)
19"X30" RCP
FL 16.27 S
FL 16.31 N

(48)
MES (BROKEN)
18" RCP
FL 16.92 S
FL 16.57 N

(49)
24" CMP
MES (DESTROYED)
FL 15.98 S
FL 16.01 N

(50)
MES (BROKEN)
18" RCP
FL 16.37 S
FL 16.33 N

(51)
24" RCP
FL 15.82 S
FL 15.87 N

(52)
18" RCP
FL 15.14 S
FL 15.09 N

(53)
15" RCP
FLARED END
FL 14.03 S
FL 13.47 N

(54)
6" PVC
FL 14.84 W
FOR DIRECTION
ONLY E

(55)
24" RCP
FL 13.38 S
FL 13.32 N

(56)
18" RCP
FL 14.85 S
FL 14.29 N

(57)
18" RCP
FL 13.69 S
FL 13.81 N

(58)
18" RCP
FL 13.66 S
FL 13.21 N

(59)
24" RCP
RIP RAP
FL 12.87 S
FL 12.92 N

(60)
15" RCP
GRATE EL. 16.23
FL 14.74 E
FL 14.06 W

(61)
18" RCP (BROKEN)
GRATE EL. 15.87
FL 13.15 S
FL 12.09 N

(62)
24" RCP
FL 12.89 S
FL 12.78 N

(63)
18" RCP
GRATE EL. 15.78
FL 12.19 S
FL 12.44 N

(64)
24" RCP
RIP RAP
FL 13.27 S
FL 13.11 N

(65)
18" RCP
FL 12.41 S
FL 12.85 N

(66)
24" RCP
RIP RAP
FL 13.22 S
FL 13.17 N

(67)
24" RCP
FL 12.47 S
FL 12.43 N

(68)
24" RCP
FL 12.38 S
FL 12.57 N

(69)
18" RCP
FL 13.14 S
FL 13.09 N

(70)
24" RCP
FL 12.25 S
FL 12.26 N

(71)
24" RCP
FL 12.17 S
FL 12.21 N

(72)
24" RCP
FL 12.03 S
FL 12.08 N

(73)
24" RCP
FL 12.03 S
FL 12.13 N

(74)
24" CPP
GRATE EL. 14.25
FL 10.27 S
FL 10.02 N

(75)
24" CPP
GRATE EL. 13.08
FL 10.28 S
FL 9.90 N

(76)
24" CPP
GRATE EL. 13.73
FL 10.23 S
FL 9.53 N

(77)
24" CPP
GRATE EL. 12.62
FL 10.02 S
FL 9.53 N

(78)
24" RCP
FL 11.18 S
FL 10.54 N

(79)
24" RCP
FL 9.80 S
FL 9.36 N

(80)
24" RCP
FL 10.79 S
FL 10.34 N

(81)
24" CPP
FL 9.57 S
FL 7.18 N

(82)
24" RCP &
24" CPP
FL 9.50 S
FL 7.23 N

(83)
24" RCP
FL 8.98 S
FL 8.00 N

(84)
24" RCP
FL 7.19 S
FL 9.76 N

(85)
24" RCP &
24" CPP
FL 8.00 S
FL 8.94 N

(86)
24" RCP &
24" CPP
FL 8.03 S
FL 9.01 N

(87)
18" RCP
FL 9.81 S
FL 10.00 N

(88)
15" CCP
FL 10.38 E
FL 10.39 W

(89)
24" RCP
FL 9.09 S
FL 8.78 N

(90)
12"X18" RCP
FL 10.18 E
FL 10.18 W

(91)
18" RCP
FL 9.11 S
FL 9.06 N

(92)
24" RCP
FL 9.24 S
FL 9.07 N

(93)
18" RCP
FL 9.16 S
FL 8.95 N

(94)
18" RCP
FL 10.42 S
FL 10.21 N

(95)
18" RCP
FL 10.53 S
FL 10.57 N

(96)
15" RCP
FL 10.41 S
FL 10.07 N

(97)
24" RCP
FL 9.96 S
FL 9.95 N

(98)
15" RCP
FL 10.43 S
FL 10.48 N

(99)
24" RCP
FL 9.74 S
FL 9.68 N

(100)
24" RCP
FL 10.01 S
FL 9.72 N

(101)
18" RCP
FL 10.84 S
FL 11.14 N

(102)
15" RCP
FL 11.23 S
FL 11.36 N

(103)
15" RCP
FL 11.13 S
FL 11.22 N

(104)
24" RCP
FL 10.27 S
FL 10.32 N

(105)
24" RCP
FL 10.14 S
FL 10.25 N

(106)
18" RCP
GRATE EL. 13.26
FL 10.92 S
FL 11.24 N

(107)
8" PVC
FL 12.59 E
FL 12.46 W

(108)
18" RCP
RIM EL. 13.99
FL 11.35 S
FL 10.90 N

(109)
14"X23" RCP
MES
FL 11.57 E
FL 10.81 W

(110)
12" RCP
FOR DIRECTION
ONLY E
FL 11.31 W

(111)
14"X23" RCP
RIM EL. 14.61
FL 11.02 S
FL 10.54 N

(112)
14"X23" RCP
RIM EL. 14.73
FL 10.59 S
FL 10.59 N

(113)
24" RCP
GRATE EL. 12.98
FL 10.58 S
FL 10.91 N

(114)
14"X23 RCP
RIM EL. 15.10
FL 10.52 S
FOR DIRECTION
ONLY N (BUSTED)

(115)
14"X23" RCP
RIM EL. 15.09
FL 10.63 S
FL 8.89 N

(116)
24" RCP
FL 10.88 S
FL 10.50 N

(117)
24" RCP
RIM EL. 15.12
FL 9.69 S
FL 8.54 N

(118)
12" PVC
RIM EL. 15.43
GRATE EL. 12.26
FL 11.01 E
FL 12.04 W

(119)
24" RCP
FL 10.37 S
FL 10.96 N

(120)
36" RCP
FL 8.89 E
FL 8.63 W

(121)
24" RCP
GRATE EL. 12.97
FL 10.68 S
FL 9.97 N

(122)
24" RCP
RIM EL. 14.24
FL 10.06 S
FL 8.65 N

(123)
36" RCP
FL 8.51 E
FL 8.63 W

(124)
LARGE ELLIPTICAL PIPE
PIPE BUSTED
SIZE UNKNOWN
FOR DIRECTION ONLY

(125)
(3) 24" RCP
FOR DIRECTION ONLY

(126)
36" RCP
RIM EL. 14.10
FL 8.54 E
FL 9.54 W

(127)
24" RCP
RIM EL. 15.52
FL 10.98 N

(128)
42" CMP
GRATE EL. 13.01
FL 9.06 E
FL 8.90 W

(129)
42" CMP
FL 8.91 E
FL 8.81 W

(130)
42" CMP
FL 8.89 E
FL 8.73 W

(131)
42" CMP
GRATE EL. 12.91
FL 8.99 E
FL 8.94 W

(132)
36" RCP
FL 9.49 E
FL 9.87 W

(133)
36" RCP
GRATE EL. 13.18
FL 9.08 E
FL 9.61 W

(134)
24" RCP
GRATE EL. 14.11
FL 11.14 S
FL 11.45 N

(135)
24" RCP
GRATE EL. 14.21
FL 11.45 S
FL 11.60 N

(136)
18" RCP
GRATE EL. 12.91
FL 8.89 S
FL 10.07 N

(137)
18" RCP
GRATE EL. 12.98
FL 11.14 W

(138)
24" RCP
GRATE EL. 13.19
FL 9.91 S
FL 10.10 N

(139)
12" PVC
GRATE EL. 14.16
FL 11.92 E

(140)
24" RCP
GRATE EL. 14.23
FL 11.59 S
FL 11.42 N

(141)
24" RCP
MES
FL 11.19 S
FL 11.55 N

(142)
24" RCP
GRATE EL. 13.15
FL 10.01 S
FL 10.39 N

(143)
24" RCP
FL 11.39 S
FL 12.00 N

(144)
24" RCP
FL 12.20 S
FL 12.18 N

(145)
18" RCP
FL 12.34 E
FL 12.43 W

(146)
24" RCP
FL 12.26 S
FL 12.21 N

(147)
18" RCP
FL 12.00 S
FL 12.16 N

(148)
24" RCP
MES
FL 10.64 S
FL 11.15 N

(149)
18" RCP
FL 12.32 S
FL 12.26 N

(150)
18" RCP
FL 12.68 S
FL 12.55 N

(151)
18" RCP
FL 12.67 S
FL 12.92 N

(152)
18" RCP
FL 12.91 S
FL 12.75 N

(153)
18" RCP
FL 12.25 S
FL 12.29 N

(154)
18" RCP
FL 12.33 S
FL 12.22 N

(155)
18" RCP
FL 12.66 S
FL 12.47 N

(156)
18" RCP
FL 12.17 S
FL 12.28 N

(157)
18" RCP
GRATE EL. 15.10
FL 13.34 S
FL 12.43 N

(158)
18" RCP
FL 12.99 E
FL 13.35 W

(159)
18" RCP
FL 13.38 E
FL 13.32 W

(160)
18" RCP
FL 13.36 S
FL 13.72 N

(161)
18" RCP
GRATE EL. 14.87
FL 12.42 S
FL 12.02 N

(162)
18" RCP
(2) GRATE EL. 15.21
FL 12.09 S
FL 12.06 N

(163)
12X18" RCP
MES
GRATE EL. 16.12 N
FL 13.74 S
FL 13.80 N

(164)
12" RCP
GRATE EL. 15.93
FL 13.56 W

(165)
15" RCP
RIM EL. 16.82
FL 12.15 S
FL 12.32 N

(166)
18" RCP
GRATE EL. 15.51 W
GRATE EL. 15.56 E
FL 11.95 E
NO ACCESS TO W

(167)
18" CMP
FL 17.45 W
FL 17.61 E

(168)
15" RCP
FL 17.30 W
FL 17.35 E

(169)
15" RCP
FL 17.72 W
FL 18.03 E

(170)
15" CMP
FL 17.49 W
FL 17.38 E

(171)
12"x18" CMP
FL 18.08 W
FL 18.04 E

(172)
15" CMP
FL 17.58 W
FL 17.53 E

(173)
15" CMP
FL 17.62 W
FL 17.68 E

(174)
12"x18" CMP
FL 18.07 W
FL 18.17 E

(175)
15" CMP
FL 17.62 W
FL 17.78 E

(176)
15" CMP
FL 17.63 W
FL 17.57 E

(177)
12"x14" CMP
FL 18.62 W
FL 18.13 E

(178)
15" CMP
FL 17.46 W
FL 17.57 E

(179)
12"x18" CMP
FL 18.24 W
FL 18.33 E

(180)
15" CMP
FL 17.65 W
FL 17.61 E

(181)
15" CMP
FL 17.66 W
FL 17.84 E

(182)
15" CMP
FL 17.63 W
FL 17.66 E

(183)
12"x18" CMP
FL 18.68 W
FL 18.45 E

(184)
15" CMP
FL 17.74 W
FL 17.84 E

(185)
12"x18" CMP
FL 18.27 W
FL 18.23 E

(186)
15" CMP
FL 17.74 W
FL 17.73 E

(187)
15" CMP
FL 17.78 W
FL 17.63 E

(188)
12"x18" CMP
FL 18.21 W
FL 18.04 E

(189)
15" CMP
FL 17.52 W
FL 17.57 E

(190)
15" CMP
FL 17.47 W
FL 17.50 E

(191)
15" CMP
FL 17.52 W
FL 17.51 E

(192)
12"x18" CMP
FL 17.79 W
FL 17.71 E

(193)
15" CMP
FL 17.47 W
FL 17.34 E

(194)
18" CMP
FL 17.42 W
FL 17.15 E

(195)
18" CMP/RCP
FL 17.12 W
FL 14.57 E

(196)
18" RCP
FL 14.57 S
FL 13.17 N

(197)
18" CMP/RCP
FL 17.49 W
FL 14.38 E

(198)
36" RCP
FL 13.71 W
FL 16.73 E

(199)
18" RCP
FL 14.77 W
FL 16.54 E

(200)
15" CMP
FL 16.99 W
FL 17.08 E

(201)
15" RCP
FL 17.18 W
FL 17.27 E

(202)
15" CMP
FL 17.58 W
FL 17.56 E

(203)
12"x18" RCP
FL 18.02 W
FL 18.03 E

(204)
(2) 24" RCP
EAST PIPE
FL 15.98 N
FL 16.03 S
WEST PIPE
FL 15.98 N
FL 16.04 S

(205)
18" CMP
FL 16.66 W
FL 17.09 E

(206)
(2) 30" RCP
NORTH PIPE
FL 15.44 W
FL 15.47 E
SOUTH PIPE
FL 15.50 W
FL 15.73 E

(207)
18" CMP
FL 17.81 W
FL 17.90 E

(208)
15"x24" RCP
GRATE EL. 19.55
FL 17.27 W
FL 17.13 E

(209)
15"x24" RCP
RIM EL. 20.35
FL 17.75 S
FL 17.27 N

(210)
15"x24" RCP
FL 17.16 N
FL 17.28 S

(211)
(2) 30" CMP
NORTH PIPE
FL 16.13 W
FL 16.58 E
SOUTH PIPE
FL 16.10 W
FL 16.59 E

(212)
30"x18" RCP
FL 16.99 N
FL 17.29 S

(213)
24" RCP
RIM EL. 21.46
FL 17.03 N
FL 16.93 S

(214)
(2) 30" RCP
EAST PIPE
FL 16.46 N
FL 16.65 S
WEST PIPE
FL 16.42 N
FL 16.63 S

(215)
53"x34" RCP
FL 16.99 W
FL 16.76 E

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CERTIFICATE OF AUTHORIZATION NO. 3114


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DAWN M. RATICAN, P.E.
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apeters

DRAINAGE MAP (8)

SHEET NO. 10

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# SUMMARY OF DRAINAGE INLET AREAS

| SUMMARY OF BASIN 1 INLET AREAS | | SUMMARY OF BASIN 2 INLET AREAS | | SUMMARY OF BASIN 3 INLET AREAS | | SUMMARY OF BASIN 4 INLET AREAS | | SUMMARY OF BASIN 5 INLET AREAS | | SUMMARY OF BASIN 6 INLET AREAS | | SUMMARY OF LUCKETT RD. INLET AREAS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-101 | 0.39 | S-200 | 0.12 | S-300 | 0.18 | S-400 | 0.31 | S-502 | 0.26 | S-607 | 0.57 | S-705 | 0.06 |
| S-102 | 0.48 | S-201 | 0.38 | S-301 | 0.18 | S-401 | 0.42 | S-503 | 0.26 | S-608 | 0.56 | S-706 | 0.07 |
| S-102A | 0.10 | S-202 | 0.20 | S-302 | 0.53 | S-402 | 0.29 | S-505 | 0.62 | S-611 | 0.13 | S-707 | 0.01 |
| S-104 | 0.15 | S-203 | 0.28 | S-303 | 0.53 | S-403 | 0.35 | S-506 | 0.50 | S-612 | 0.13 | S-708 | 0.17 |
| S-107 | 0.62 | S-204 | 0.42 | S-304 | 0.15 | S-404 | 0.58 | S-508 | 0.19 | S-616 | 0.65 | S-709 | 0.24 |
| S-108 | 0.86 | S-205 | 0.06 | S-305 | 0.12 | S-405 | 0.48 | S-513 | 0.13 | S-617 | 0.49 | S-710 | 0.21 |
| S-110 | 0.16 | S-206 | 0.26 | S-306 | 0.23 | S-407 | 0.13 | S-514 | 0.67 | S-621 | 0.16 | S-711 | 0.34 |
| | | S-207 | 0.13 | S-307 | 0.28 | S-408 | 0.26 | S-515 | 0.38 | S-625 | 0.23 | S-712 | 0.26 |
| | | S-213 | 0.52 | S-308 | 0.37 | S-409 | 0.26 | S-517 | 0.16 | S-626 | 0.19 | S-714 | 0.18 |
| | | S-214 | 0.67 | S-309 | 0.38 | S-410 | 0.39 | S-518 | 0.41 | S-628 | 0.32 | S-715 | 0.27 |
| | | S-216 | 0.23 | S-310 | 0.25 | S-411 | 0.39 | S-519 | 0.57 | S-629 | 0.28 | S-716 | 0.09 |
| | | S-217 | 0.19 | S-311 | 0.19 | S-412 | 0.28 | S-521 | 0.57 | S-630 | 0.29 | S-717 | 0.11 |
| | | S-220 | 0.48 | S-315 | 0.05 | S-413 | 0.28 | S-522 | 0.39 | S-631 | 0.27 | S-718 | 0.68 |
| | | S-221 | 0.41 | S-320 | 0.14 | S-414 | 0.37 | S-523 | 0.11 | S-642 | 0.09 | S-719 | 0.60 |
| | | S-222 | 0.30 | S-321 | 0.18 | S-415 | 0.40 | S-524 | 0.05 | S-643 | 0.10 | S-726 | 0.40 |
| | | S-223 | 0.35 | S-322 | 0.11 | S-416 | 0.13 | S-530 | 0.09 | S-646 | 0.08 | S-727 | 0.43 |
| | | S-228 | 0.19 | S-323 | 0.24 | S-417 | 0.20 | | | S-647 | 0.08 | S-728 | 0.10 |
| | | S-229 | 0.38 | S-324 | 0.21 | S-418 | 0.20 | | | S-650 | 0.17 | S-729 | 0.11 |
| | | S-230 | 0.19 | S-325 | 0.39 | S-419 | 0.24 | | | S-651 | 0.19 | S-730 | 0.10 |
| | | S-231 | 0.58 | S-326 | 0.44 | S-420 | 0.64 | | | S-654 | 0.31 | S-731 | 0.11 |
| | | S-232 | 0.64 | S-327 | 0.23 | S-421 | 0.54 | | | S-655 | 0.29 | S-732 | 0.44 |
| | | S-235 | 0.03 | S-328 | 0.21 | S-423 | 0.19 | | | S-659 | 0.04 | S-733 | 0.47 |
| | | S-236 | 0.03 | S-329 | 0.15 | S-424 | 0.16 | | | S-660 | 0.04 | S-736 | 0.30 |
| | | S-237 | 0.05 | S-330 | 0.32 | S-425 | 0.10 | | | S-663 | 0.15 | S-737 | 0.30 |
| | | S-238 | 0.05 | S-331 | 0.09 | S-426 | 0.14 | | | S-664 | 0.16 | | |
| | | S-239 | 0.13 | S-332 | 0.08 | S-427 | 0.14 | | | | | | |
| | | S-240 | 0.14 | S-333 | 0.11 | | | | | | | | |
| | | | | S-334 | 0.05 | | | | | | | | |
| | | | | S-335 | 0.03 | | | | | | | | |
| | | | | S-338 | 0.09 | | | | | | | | |
| | | | | S-339 | 0.05 | | | | | | | | |
| | | | | S-340 | 0.23 | | | | | | | | |
| | | | | S-341 | 0.10 | | | | | | | | |
| | | | | S-345 | 0.18 | | | | | | | | |
| | | | | S-346 | 0.17 | | | | | | | | |
| | | | | S-347 | 0.01 | | | | | | | | |
| | | | | S-348 | 0.02 | | | | | | | | |
| | | | | S-349 | 0.07 | | | | | | | | |
| | | | | S-350 | 0.09 | | | | | | | | |

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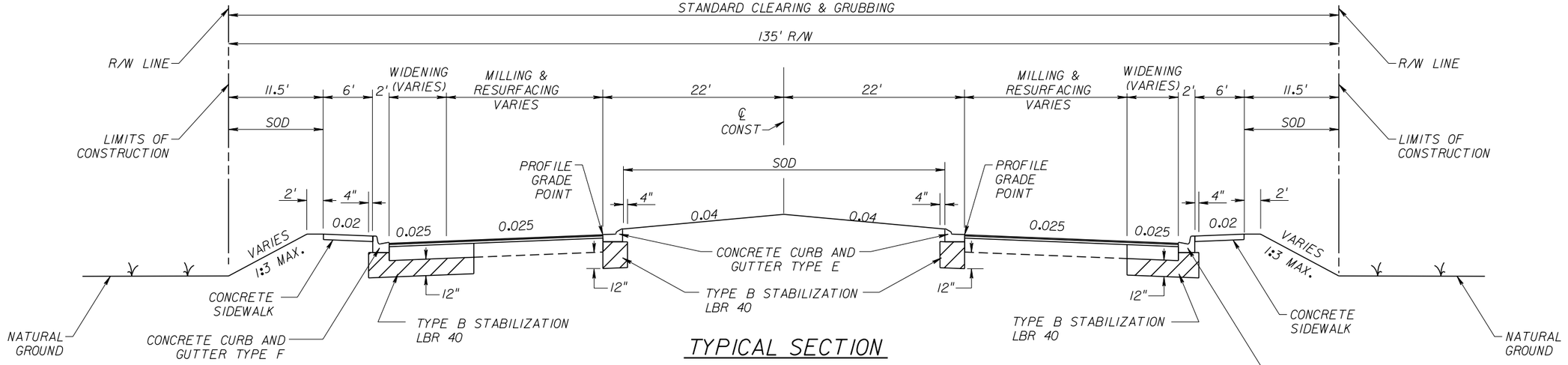

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DRAINAGE MAP (9)

SHEET NO. 11

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## TYPICAL SECTION
## ORTIZ AVENUE (CR 865)
## STA. 1010+16.84 TO STA. 1014+40.00 (NB)
## STA. 1010+16.84 TO STA. 1016+40.00 (SB)

### MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH) AND RESURFACE WITH TYPE S-1 STRUCTURAL COURSE (2 1/2") AND TYPE S-3 STRUCTURAL COURSE (1")

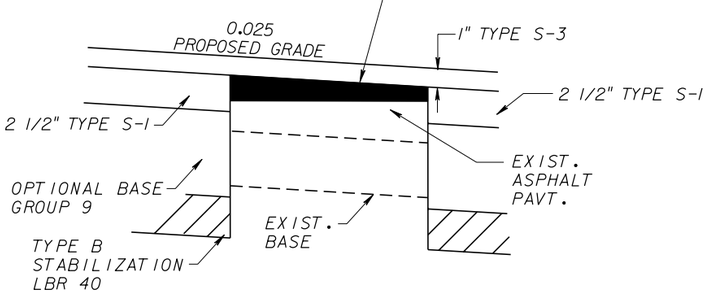
### WIDENING

OPTIONAL BASE GROUP 9 WITH TYPE S-1 STRUCTURAL COURSE (2 1/2") AND TYPE S-3 STRUCTURAL COURSE (1")

### TRAFFIC DATA

CURRENT YEAR = 2006 AADT = 14,200
OPENING YEAR ESTIMATE = 2010 AADT = 17,500
DESIGN YEAR ESTIMATE = 2030 AADT = 28,500
K = 9.0% D = 58.0% T = N/A (24 HOUR)
DESIGN HOUR T = 5.0%
DESIGN SPEED = 45 MPH

SHADED AREA REPRESENTS TYPE S-1 RESURFACING PAVEMENT (WIDTH VARIES) FOR SLOPE CORRECTION, CONSTRUCTED ON MILLED PAVEMENT

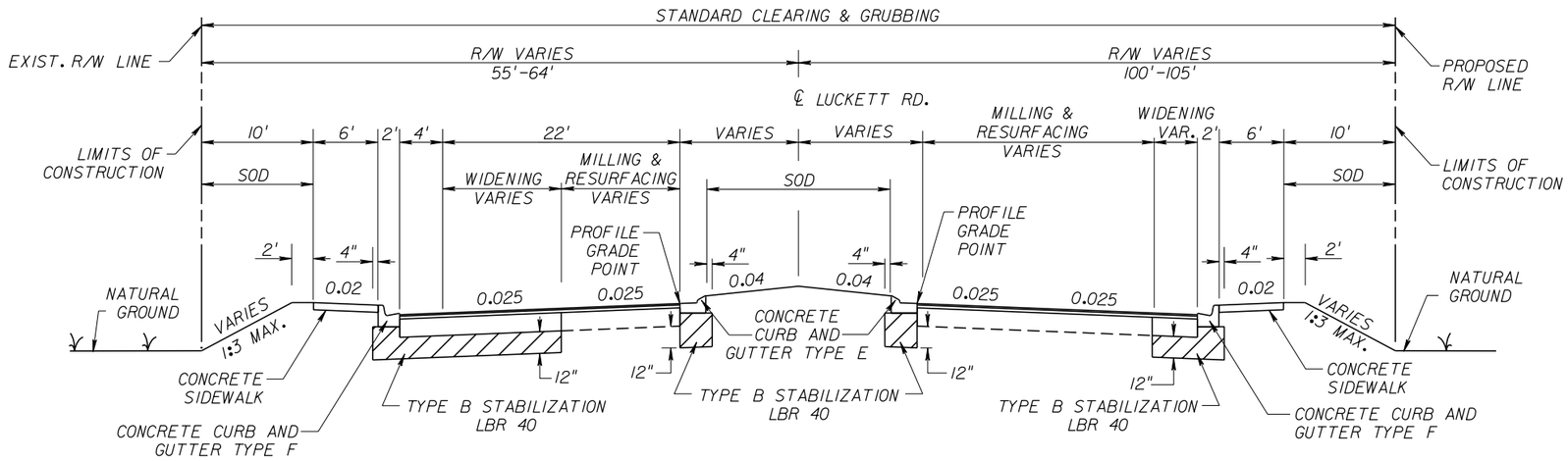



### WIDENING

OPTIONAL BASE GROUP 9 WITH TYPE S-1 STRUCTURAL COURSE (2 1/2") AND TYPE S-3 STRUCTURAL COURSE (1")

### MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH) AND RESURFACE WITH TYPE S-1 STRUCTURAL COURSE (SEE DETAIL, ABOVE).




## TYPICAL SECTION
## LUCKETT ROAD
## STA. 422+00.00 TO STA. 426+31.00

### TRAFFIC DATA

CURRENT YEAR = 2006 AADT = 8,500
OPENING YEAR ESTIMATE = 2010 AADT = 12,700
DESIGN YEAR ESTIMATE = 2030 AADT = 30,000
K = 9.4% D = 66.0% T = NA
DESIGN HOUR T = 17.0%
DESIGN SPEED = 45 MPH

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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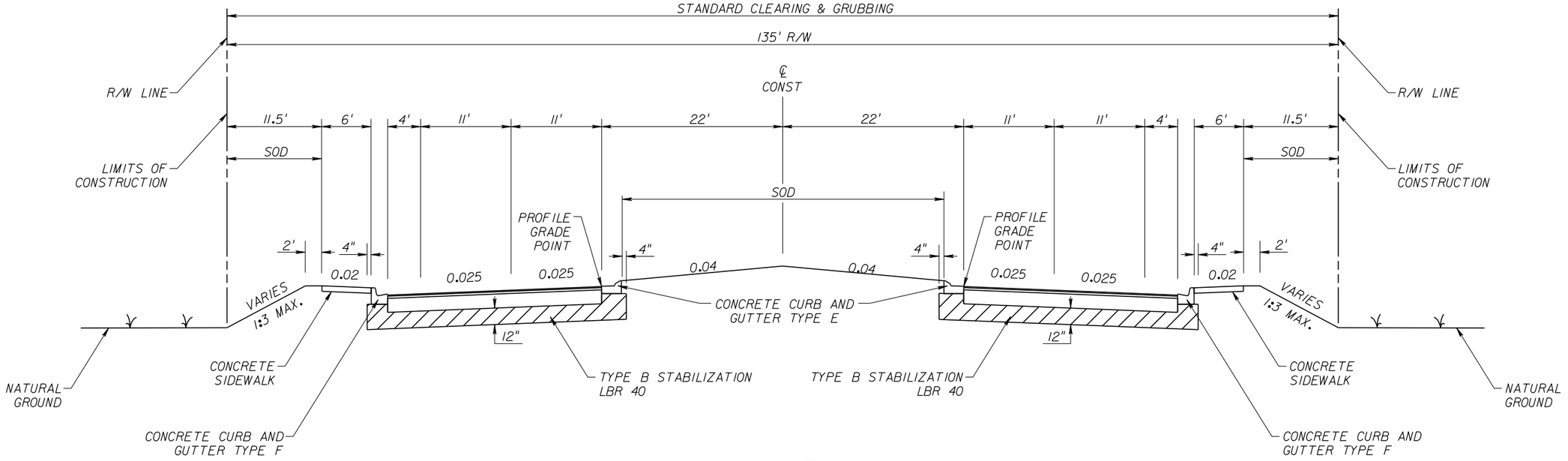
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# TYPICAL SECTION

SHEET NO. 12

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## TYPICAL SECTION

## ORTIZ AVENUE (CR 865)

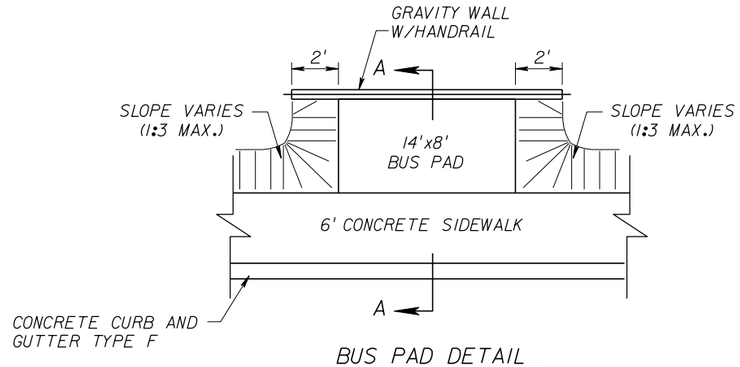
STA. 1014+40.00 TO STA. 1145+48.36 (NB)
STA. 1016+40.00 TO STA. 1145+48.36 (SB)

**NEW CONSTRUCTION**

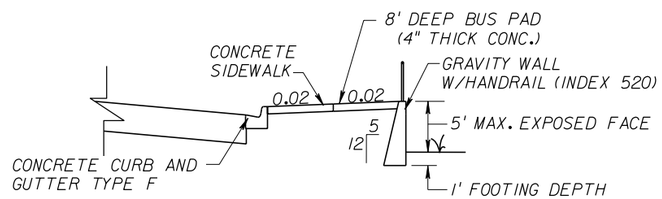
OPTIONAL BASE GROUP 9 WITH
TYPE S-1 STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")

### TRAFFIC DATA

CURRENT YEAR = 2006 AADT = 14,200
OPENING YEAR ESTIMATE = 2010 AADT = 17,500
DESIGN YEAR ESTIMATE = 2030 AADT = 28,500
K = 9.0% D = 58.0% T = N/A (24 HOUR)
DESIGN HOUR T = 5.0%
DESIGN SPEED = 45 MPH




BUS PAD DETAIL
(FOR LOCATION OF BUS PADS, SEE PLAN VIEW)




BUS PAD CROSS SECTION A-A

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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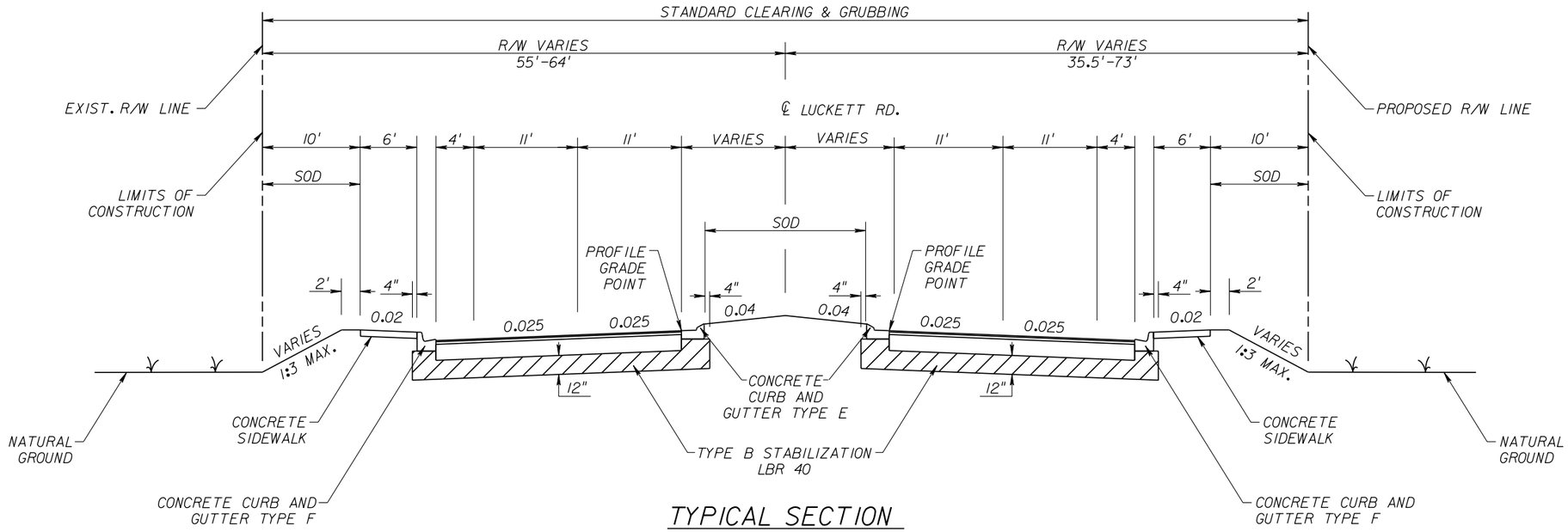
APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274

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TYPICAL SECTION

SHEET NO. 13

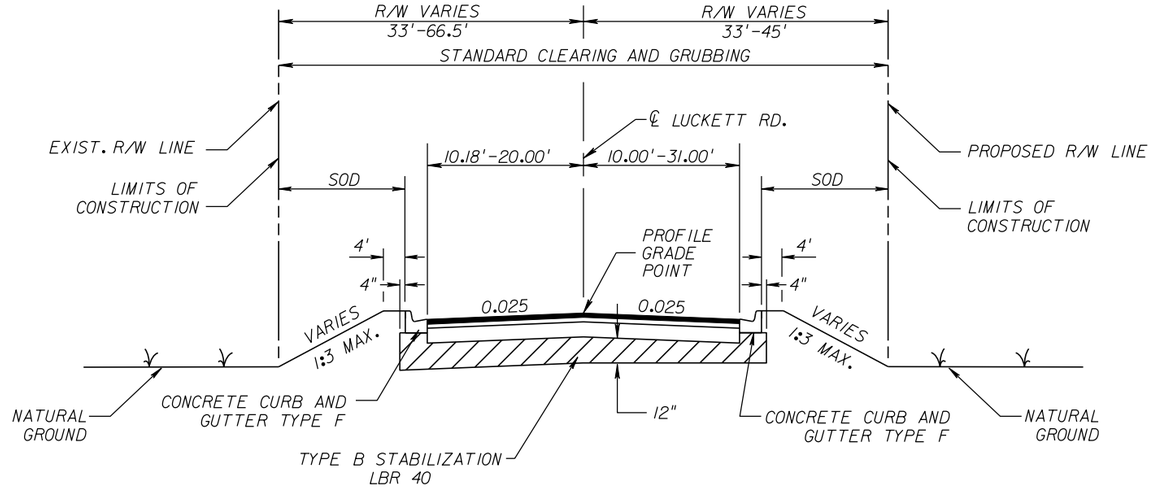
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## TYPICAL SECTION
## LUCKETT ROAD
## STA. 400+48.00 TO STA. 422+00.00

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE S-I STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")




## TYPICAL SECTION
## LUCKETT ROAD
## STA. 394+30.00 TO STA. 399+51.29

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH
TYPE S-I STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")

### TRAFFIC DATA

CURRENT YEAR = 2006 AADT = 8,500
OPENING YEAR ESTIMATE = 2010 AADT = 12,700
DESIGN YEAR ESTIMATE = 2030 AADT = 30,000
K = 9.4% D = 66.0% T = NA
DESIGN HOUR T = 17.0%
DESIGN SPEED = 45 MPH

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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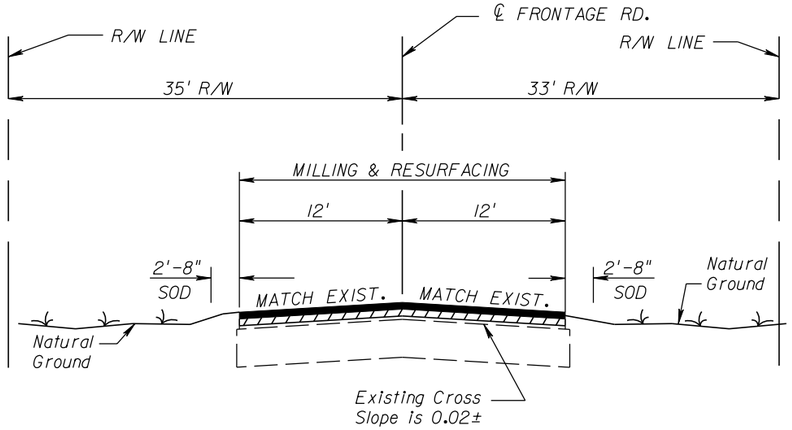
APPROVED BY:
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# TYPICAL SECTION

SHEET NO. 14

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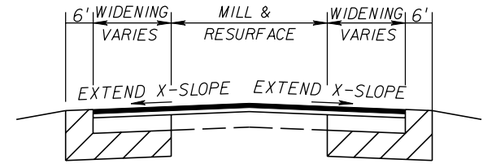

## TYPICAL SECTION - FRONTAGE ROAD
## STA. 702+23.95 TO STA. 710+00.00

**MILLING**

MILL EXISTING ASPHALT PAVEMENT (1" DEPTH)

**RESURFACING**

TYPE S-3 STRUCTURAL COURSE (1")

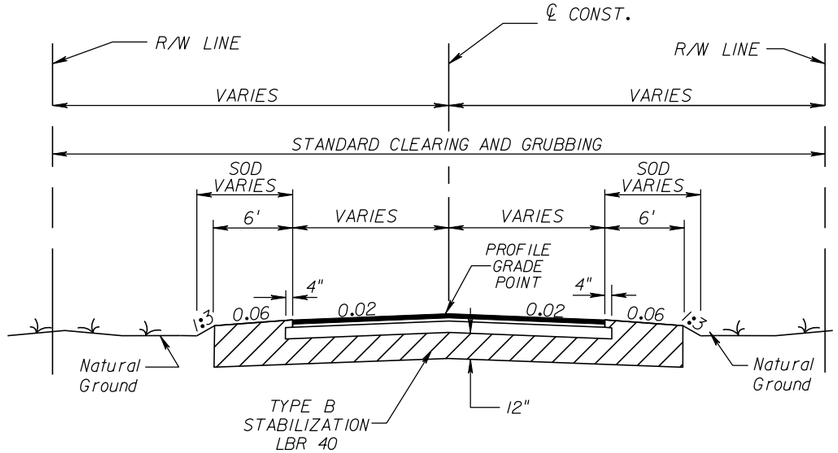



## CUL-DE-SAC WIDENING

SEE PLAN FOR LOCATION

**WIDENING**

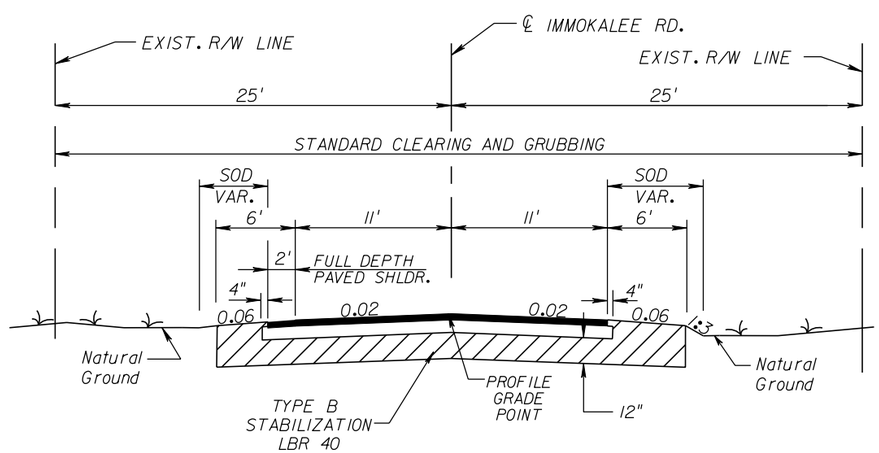
OPTIONAL BASE GROUP 9 WITH
TYPE S-1 STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")




## TYPICAL SECTION
## LAREDO AVE. (STA. 205+37.29 TO STA. 209+60.00))
## FRONTAGE RD. (STA. 710+00.00 TO 713+66.86)

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH
TYPE S-1 STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")




## TYPICAL SECTION - IMMOKALEE ROAD
## STA. 600+72.79 TO STA. 604+00.00

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH
TYPE S-1 STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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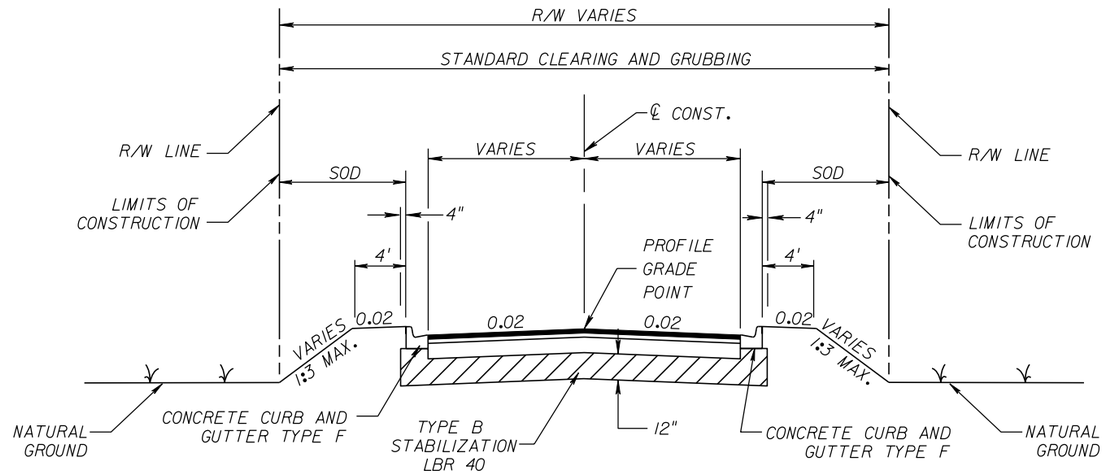

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# TYPICAL SECTION

SHEET NO. 15




## TYPICAL SECTION

LAREDO AVE. (STA. 193+55.57 TO STA. 209+60.00)
BALLARD ROAD (STA. 293+86.30 TO STA. 305+55.82)
GLENWOOD AVE. STA. 493+60.00 TO STA. 500+00.00
TICE STREET (STA. 593+98.84 TO STA. 609+79.80)

### TRAFFIC DATA

CURRENT YEAR = 2006 AADT = 8,500
OPENING YEAR ESTIMATE = 2010 AADT = 12,700
DESIGN YEAR ESTIMATE = 2030 AADT = 30,000
K = 9.4% D = 66.0% T = NA
DESIGN HOUR T = 17.0%
DESIGN SPEED = 45 MPH

### NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE S-1 STRUCTURAL COURSE (2 1/2")
TYPE S-3 STRUCTURAL COURSE (1")

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

TYPICAL SECTION

SHEET NO. 16

apeters 10/11/2010 3:58:14 PM P:\LeeCounty_05-89740rtlz\PlanSet\roadway\typsrd04.dgn

# SUMMARY OF GRAVITY WALL & ALUMINUM HANDRAIL

| LOCATION STA. TO STA. | SIDE | CLASS I CONCRETE CY P | CLASS I CONCRETE CY F | GUIDERAIL HANDRAIL LF P | GUIDERAIL HANDRAIL LF F | PED / BICYCLE HANDRAIL LF P | PED / BICYCLE HANDRAIL LF F | REMARKS | FIELD BOOK REFERENCE |
|---|---|---|---|---|---|---|---|---|---|
| ℄ CONST. (ORTIZ AVE.) | | | | | | | | | |
| 1052+00.00 TO 1054+40.00 | RT. | 29.1 | | 243.2 | | | | | |
| 1054+62.43 TO 1057+10.00 | RT. | 28.2 | | 250.7 | | | | | |
| 1061+70.00 TO 1061+95.47 | RT. | 2.7 | | 28.1 | | | | | |
| 1062+32.65 TO 1063+36.02 | RT. | 19.9 | | 120.0 | | | | | |
| 1068+52.47 TO 1068+71.04 | LT. | 2.1 | | 21.0 | | | | | |
| 1072+74.06 TO 1072+91.52 | LT. | 5.7 | | 21.0 | | 18.0 | | | |
| 1107+58.00 TO 1107+76.00 | LT. | 2.5 | | 21.0 | | | | | |
| 1125+50.00 TO 1125+90.00 | RT. | 2.6 | | 34.2 | | | | | |
| 1126+76.38 TO 1126+94.95 | LT. | 2.6 | | 21.0 | | | | | |
| | | | | | | | | | |
| ℄ GLENWOOD (GLENWOOD AVE.) | | | | | | | | | |
| 493+97.23 TO 494+39.23 | LT. | | | 42.0 | | | | | |
| 495+75.52 TO 495+84.50 | LT. | | | 9.0 | | | | | |
| 496+65.40 TO 496+74.38 | LT. | | | 9.0 | | | | | |
| 497+35.49 TO 497+44.49 | LT. | | | 9.0 | | | | | |
| | | | | | | | | | |
| TOTAL: | | 95.4 | | 820.2 | | 18.0 | | | |

## PAY ITEM FOOTNOTES

104- 13- 1 BASED ON REPLACEMENT EVERY 12 MONTHS.

400- 1- 15 INCLUDES 5 CY FOR MISCELLANEOUS CONSTRUCTION, AS DIRECTED BY THE ENGINEER.

# SUMMARY OF DITCH PAVEMENT *

| LOCATION STA. TO STA. | SIDE | CONCRETE SY P | CONCRETE SY F | REMARKS | FIELD BOOK REFERENCE |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| 201+78.00 ℄ LAREDO AVE. | RT. | 7 | | | |
| 201+78.00 ℄ LAREDO AVE. | LT. | 5 | | | |
| 203+00.00 ℄ LAREDO AVE. | LT. | 7 | | | |
| 205+33.00 ℄ LAREDO AVE. | RT. | 5 | | | |
| 205+33.00 ℄ LAREDO AVE. | LT. | 7 | | | |
| | | | | | |
| 205+33.00 ℄ LAREDO AVE. | LT. | 7 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| TOTAL | | 31 | | | |

* 524-1-1 CONC. DITCH PAVEMENT (3")

# SUMMARY OF GUARDRAIL

| LOCATION STATION | SIDE | GUARDRAIL (LF) ROADWAY P | ROADWAY F | ROADWAY, DOUBLE FACE P | ROADWAY, DOUBLE FACE F | PEDESTRIAN SAFETY TREATMENT P | PEDESTRIAN SAFETY TREATMENT F | RUBRAIL P | RUBRAIL F | END ANCHORAGE ASSEMBLIES (EA) FLARED P | FLARED F | PARALLEL P | PARALLEL F | TYPE II P | TYPE II F | TYPE CRT P | TYPE CRT F | REMARKS | FIELD BOOK REFERENCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FROM 1108+33.10 | RT. | 87.5' | | | | FROM | | FROM | | | | 1 | | | | | | ET-PLUS END ANCH., CONNECT TO BRIDGE | |
| TO 1109+20.60 | | | | | | TO | | TO | | | | | | | | | | | |
| FROM 1109+57.24 | LT. | 87.5' | | | | FROM | | FROM | | | | 1 | | | | | | ET-PLUS END ANCH., CONNECT TO BRIDGE | |
| TO 1110+44.74 | | | | | | TO | | TO | | | | | | | | | | | |
| TOTAL | | 175' | | | | | | | | | | 2 | | | | | | | |

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apeters

SUMMARY OF QUANTITIES

SHEET NO. 17

10/11/2010 3:59:07 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\sumqrd01.dgn

# SUMMARY OF TRAFFIC SEPARATORS

| LOCATION STA. TO STA. | SIDE | 4' TYPE I LF P | 4' TYPE I LF F | SPECIAL SY P | SPECIAL SY F | FIELD BOOK REFERENCE |
|---|---|---|---|---|---|---|
| | | | | | | |
| LUCKETT RD. | | | | | | |
| 401+07.59 TO 407+88.66 | RT. | 683 | | | | |
| 410+60.37 TO 412+55.73 | LT. | | | 65 | | |
| 412+32.26 TO 414+47.32 | RT, LT | | | 166 | | |
| 414+04.26 TO 415+98.40 | RT. | | | 65 | | |
| | | | | | | |
| S.R. 80 | | | | | | |
| 797+37.22 TO 799+22.22 | LT. | 185 | | | | |
| | | | | | | |
| TOTAL: | | 868 | | 296 | | |

# SUMMARY OF EARTHWORK

| DESCRIPTION | CY P | CY F |
|---|---|---|
| ORTIZ AVE. EMBANKMENT | 87388 | |
| ORTIZ AVE. REGULAR EXCAVATION | 21741 | |
| | | |
| SIDE STREET EMBANKMENT | 13004 | |
| SIDE STREET REGULAR EXCAVATION | 11934 | |
| | | |
| POND EMBANKMENT | 3534 | |
| POND REGULAR EXCAVATION | 201838 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| TOTAL EMBANKMENT | 103926 | |
| TOTAL REGULAR EXCAVATION | 235513 | |

Earthwork has been calculated using the limerock base option. If another option is constructed, there shall be no revision to the earthwork quantities for which payment is made by Plan Quantity.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

SUMMARY OF QUANTITIES

SHEET NO. 18

apeters
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# SUMMARY OF SIDEDRAIN & MITERED END SECTIONS

| LOCATION | | | | | | | | | PIPE LENGTH (LF) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STR. NO. | | STA. TO STA. | SIDE | REFERENCE | BACK OFFSET | BACK FL | AHEAD OFFSET | AHEAD FL | 18" | MES (EA) | 14"X23" | MES (EA) | | MES (EA) | SOD | REMARKS |
| SD-1 | P | NOT USED | | | | | | | | | | | | | | |
| | F | | | | | | | | | | | | | | | |
| SD-2 | P | 202+20.00-202+53.00 | LT. | ℄ LAREDO AVE. | 19.00 | 18.5 | 23.50 | 18.4 | 25 | 2 | | | | | 18 | MES (1:4) |
| | F | | | | | | | | | | | | | | | |
| SD-3 | P | 1050+50.00-1051+18.00 | RT. | ℄ ORTIZ AVE. | 64.80 | 18.6 | 64.80 | 18.1 | | | 64 | 2 | | | 18 | MES (1:4) |
| | F | | | | | | | | | | | | | | | |
| SD-4 | P | NOT USED | | | | | | | | | | | | | | |
| | F | | | | | | | | | | | | | | | |
| SD-5 | P | NOT USED | | | | | | | | | | | | | | |
| | F | | | | | | | | | | | | | | | |
| | P | | | | | | | | | | | | | | | |
| | F | | | | | | | | | | | | | | | |
| | | TOTALS: | | PLAN QUANTITY | | | | | 25 | 2 | 64 | 2 | | | 36 | |
| | | | | FINAL QUANTITY | | | | | | | | | | | | |

# SUMMARY OF PIPE DESILTING

| LOCATION STATION | PIPE SIZE | SIDE | QUANTITY (LF) P | QUANTITY (LF) F |
|---|---|---|---|---|
| 303+20 (BALLARD RD.) | 12" | RT. | 33 | |
| 394+90 (LUCKETT RD.) | 15" | LT. | 21 | |
| 1035+00 ORTIZ AVE.) | 12"x18" | RT. | 6 | |
| 702+40 (FRONTAGE RD.) | 12"x18" | LT. | 36 | |
| 703+40 (FRONTAGE RD.) | 12"x18" | LT. | 72 | |
| 704+60 (FRONTAGE RD.) | 12"x18" | LT. | 36 | |
| 705+60 (FRONTAGE RD.) | 12"x18" | LT. | 71 | |
| 707+00 (FRONTAGE RD.) | 12"x18" | LT. | 72 | |
| 708+00 (FRONTAGE RD.) | 12"x18" | LT. | 37 | |
| 709+40 (FRONTAGE RD.) | 12"x18" | LT. | 70 | |
| 710+80 (FRONTAGE RD.) | 12"x18" | LT. | 64 | |
| 1061+88 (ORTIZ AVE.) | 24" | RT. | 9 | |
| 421+70 (LUCKETT RD.) | 2-24" | LT., RT. | 154 | |
| 423+90 (LUCKETT RD.) | 2-30" | LT. | 116 | |
| 1010+50 (ORTIZ AVE.) | 36" | LT., RT. | 184 | |
| | | TOTAL | 981 | |

# SUMMARY OF SODDING

| LOCATION STA. TO STA. | SIDE | P L | P W | P SY | F L | F W | F SY | FIELD BOOK REFERENCE |
|---|---|---|---|---|---|---|---|---|
| ORTIZ AVE. | | | | | | | | |
| 1010+09.36-1146+12.59 | | | | 121091.7 | | | | |
| LAREDO AVE. | | | | | | | | |
| 193+55.57-209+60.00 | | | | 3152.8 | | | | |
| BALLARD RD. | | | | | | | | |
| 293+86.30-305+55.82 | | | | 3521.6 | | | | |
| LUCKETT AVE. | | | | | | | | |
| 394+30.00-426+31.00 | | | | 20692.5 | | | | |
| GLENWOOD AVE. | | | | | | | | |
| 494+40.00-500+00.00 | | | | 906.7 | | | | |
| TICE ST. | | | | | | | | |
| 593+98.84-609+79.80 | | | | 2838.2 | | | | |
| IMMOKALEE RD. | | | | | | | | |
| 600+72.79-601+22.84 | | | | 84.0 | | | | |
| FRONTAGE RD. | | | | | | | | |
| 702+23.95-713+09.97 | | | | 800.1 | | | | |
| POND 1 | | | | 3674.3 | | | | |
| POND 2 | | | | 4332.7 | | | | |
| POND 3 | | | | 4269.5 | | | | |
| POND 4/5 | | | | 17429.9 | | | | |
| POND 6 | | | | 5239.8 | | | | |
| DRAINAGE STRUCTURES | | | | 1267.0 | | | | |
| TOTAL | | | | 189120.8 | | | | |

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SUMMARY OF QUANTITIES

SHEET NO. 19

# SUMMARY OF MAILBOXES

| LOCATION STATION | SIDE | QUANTITY P | QUANTITY F |
|---|---|---|---|
| ℄ ORTIZ AVE. | | | |
| 1018+29.20 | LT. | 1 | |
| 1018+92.54 | LT. | 1 | |
| 1018+92.58 | LT. | 1 | |
| 1020+25.92 | LT. | 1 | |
| 1021+12.29 | LT. | 1 | |
| 1022+02.93 | LT. | 1 | |
| 1022+49.53 | LT. | 1 | |
| 1046+62.90 | LT. | 1 | |
| 1057+82.23 | RT. | 1 | |
| 1060+36.99 | RT. | 1 | |
| 1063+26.65 | RT. | 1 | |
| 1067+65.83 | RT. | 1 | |
| 1069+80.09 | RT. | 1 | |
| 1070+02.51 | RT. | 1 | |
| 1070+02.92 | RT. | 1 | |
| 1084+02.46 | RT. | 1 | |
| 1091+76.41 | RT. | 1 | |
| 1121+38.24 | RT. | 1 | |
| 1121+40.15 | RT. | 1 | |
| 1125+30.63 | RT. | 1 | |
| 1125+31.41 | RT. | 1 | |
| 1125+32.05 | RT. | 1 | |
| 1125+32.97 | RT. | 1 | |
| 1125+33.56 | RT. | 1 | |
| 1135+49.28 | RT. | 1 | |
| 1135+50.28 | RT. | 1 | |
| 1135+51.30 | RT. | 1 | |
| 1135+87.57 | RT. | 1 | |
| 1135+89.77 | RT. | 1 | |
| 1136+35.17 | RT. | 1 | |
| 1136+36.78 | RT. | 1 | |
| 1137+84.55 | RT. | 1 | |
| 1138+27.56 | RT. | 1 | |
| 1139+20.91 | RT. | 1 | |
| 1139+51.00 | RT. | 1 | |
| 1140+82.26 | RT. | 1 | |
| 1140+85.13 | RT. | 1 | |
| 1140+87.53 | RT. | 1 | |
| 1141+84.12 | RT. | 1 | |
| 1141+84.77 | RT. | 1 | |
| 1141+85.83 | RT. | 1 | |
| 1141+87.04 | RT. | 1 | |
| ℄ FRONTAGE RD. | | | |
| 703+23.75 | LT. | 1 | |
| 703+24.47 | LT. | 1 | |
| 703+24.50 | LT. | 1 | |
| 703+30.40 | LT. | 1 | |
| 704+45.16 | LT. | 1 | |
| 705+22.38 | LT. | 1 | |
| 705+85.12 | LT. | 1 | |
| 706+70.72 | LT. | 1 | |

# SUMMARY OF MAILBOXES

| LOCATION STATION | SIDE | QUANTITY P | QUANTITY F |
|---|---|---|---|
| 708+90.62 | LT. | 1 | |
| 707+40.46 | LT. | 1 | |
| 707+80.49 | LT. | 1 | |
| 709+62.62 | LT. | 1 | |
| 710+52.23 | LT. | 1 | |
| 710+84.56 | LT. | 1 | |
| 712+00.30 | LT. | 1 | |
| 712+55.93 | LT. | 1 | |
| ℄ GLENWOOD AVE. | | | |
| 494+86.64 | LT. | 1 | |
| ℄ LUCKETT RD. | | | |
| 394+72.15 | LT. | 1 | |
| 396+95.48 | LT. | 1 | |
| 397+98.06 | LT. | 1 | |
| ℄ TICE AVE. | | | |
| 594+62.91 | LT. | 1 | |
| 595+30.84 | LT. | 1 | |
| 595+93.60 | LT. | 1 | |
| 597+35.31 | LT. | 1 | |
| 598+83.77 | LT. | 1 | |
| 602+46.95 | LT. | 1 | |
| 602+47.96 | RT. | 1 | |
| 602+48.63 | RT. | 1 | |
| 602+49.22 | RT. | 1 | |
| 602+49.81 | RT. | 1 | |
| 602+51.26 | RT. | 1 | |
| 602+52.03 | RT. | 1 | |
| 602+53.55 | RT. | 1 | |
| 602+54.70 | RT. | 1 | |
| 602+55.80 | RT. | 1 | |
| 602+56.89 | RT. | 1 | |
| 602+57.91 | RT. | 1 | |
| 602+59.01 | RT. | 1 | |
| 602+60.08 | RT. | 1 | |
| 602+61.12 | RT. | 1 | |
| 602+62.93 | RT. | 1 | |
| 602+63.97 | RT. | 1 | |
| 602+65.00 | RT. | 1 | |
| 602+66.14 | RT. | 1 | |
| 602+67.25 | RT. | 1 | |
| 602+68.30 | RT. | 1 | |
| 602+69.42 | RT. | 1 | |
| 602+70.79 | RT. | 1 | |
| 604+30.94 | RT. | 1 | |
| 605+04.76 | RT. | 1 | |
| 605+79.09 | RT. | 1 | |
| 606+16.73 | RT. | 1 | |
| 606+57.74 | RT. | 1 | |
| 607+49.76 | RT. | 1 | |
| 608+43.43 | RT. | 1 | |
| 608+46.05 | RT. | 1 | |
| TOTAL = | | 98 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


## SUMMARY OF QUANTITIES

SHEET NO. 20

## SUMMARY OF STAKED SILT FENCE

| LOCATION STA. TO STA. | SIDE | LF P | LF F | LOCATION STA. TO STA. | SIDE | LF P | LF F |
|---|---|---|---|---|---|---|---|
| 1107+10-1109+00 | LT. | 550 | | | | | |
| 1117+50-1117+65 | RT. | 26 | | | | | |
| 1138+40-1138+52 | RT. | 12 | | | | | |
| 205+45 (LAREDO AVE.) | RT. | 30 | | | | | |
| 593+90 (TICE ST.) | LT./RT. | 43 | | | | | |
| 596+20 (TICE ST.) | LT. | 5 | | | | | |
| 422+00 (LUCKETT RD.) | RT. | 24 | | | | | |
| POND 1 | RT. | 1249 | | | | | |
| POND 2 | RT. | 1299 | | | | | |
| POND 3 | LT. | 1035 | | | | | |
| 293+20 (BALLARD RD.) | LT./RT. | 40 | | | | | |
| POND 4 | RT. | 586 | | | | | |
| POND 5 | RT. | 2570 | | | | | |
| POND 6 | RT. | 2093 | | | | | |
| | | | | | | | |
| | | | | | | | |
| TOTAL | | 9562 | | | | | |
| | | | | | | | |

## SUMMARY OF ROCK BAGS

| LOCATION STA. TO STA. | SIDE | EA P | EA F | LOCATION STA. TO STA. | SIDE | EA P | EA F |
|---|---|---|---|---|---|---|---|
| AVG. - 20 EA/INLET | | | | | | | |
| 166 INLETS | LT./RT. | 3320 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TOTAL | | 3320 | | | | | |

## SUMMARY OF SYNTHETIC BALES

| LOCATION STA. TO STA. | SIDE | LF P | LF F | LOCATION STA. TO STA. | SIDE | LF P | LF F |
|---|---|---|---|---|---|---|---|
| AVG. - 40 LF/INLET, | LT./RT. | 2760 | | | | | |
| 10 LF/DITCH (16 LOC.) | LT./RT. | 160 | | | | | |
| 10 LF/FLUME (13 LOC.) | LT./RT. | 130 | | | | | |
| TOTAL | | 3200 | | | | | |

## SUMMARY OF FLOATING TURBIDITY BARRIER

| LOCATION STA. TO STA. | SIDE | LF P | LF F | LOCATION STA. TO STA. | SIDE | LF P | LF F |
|---|---|---|---|---|---|---|---|
| 1109+40 | LT./RT. | 450 | | | | | |
| 413+50 (LUCKETT RD.) | LT./RT. | 127 | | | | | |
| 1106+20-1109+10 (BETWEEN | RT. | 670 | | | | | |
| POND 4 & 5) | | | | | | | |
| | | | | | | | |
| TOTAL | | 1247 | | | | | |

## SUMMARY OF STAKED TURBIDITY BARRIER

| LOCATION STA. TO STA. | SIDE | LF P | LF F | LOCATION STA. TO STA. | SIDE | LF P | LF F |
|---|---|---|---|---|---|---|---|
| 1027+00 | LT. | 68 | | | | | |
| 305+80 (BALLARD RD.) | LT. | 30 | | | | | |
| 494+40 (GLENWOOD AVE.) | LT./RT. | 71 | | | | | |
| 597+20 (TICE ST.) | RT. | 37 | | | | | |
| 609+70 (TICE ST.) | RT. | 33 | | | | | |
| 609+90 (TICE ST.) | LT. | 29 | | | | | |
| 394+02 (LUCKETT RD.) | LT. | 29 | | | | | |
| 712+60 (FRONTAGE RD.) | LT. | 30 | | | | | |
| 412+82 (LUCKETT RD.) | RT. | 30 | | | | | |
| 421+60 (LUCKETT RD.) | LT. | 33 | | | | | |
| 216+60 (POND 2) | LT. | 45 | | | | | |
| | | | | | | | |
| | | | | | | | |
| TOTAL | | 435 | | | | | |
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CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

# SUMMARY OF QUANTITIES

SHEET NO. 21

GENERAL NOTES:

1. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, UNLESS OTHERWISE NOTED.

2. ANY SURVEY MARKER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHALL BE NOTIFIED.

3. B.M. DATA IS NATIONAL GEODEDIC VERTICAL DATUM (NGVD) OF 1929 (NGVD-'29). ANY NGVD '29 OR NAVD '88 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY: FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT ONE, LOCATION SURVEYOR.

4. STATIONS AND OFFSETS ARE FROM THE CENTERLINE OF CONSTRUCTION LINES UNLESS OTHERWISE NOTED ON PLANS.

5. EXISTING RIGHT OF WAY HAS BEEN CALCULATED FROM PREVIOUS SURVEY MAPS, AND IS APPROXIMATE.

6. DISPOSAL OF MILLED MATERIAL, EXCAVATED MATERIAL, DEBRIS AND CONCRETE REMOVABLE ITEMS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER BY THE CONTRACTOR. DO NOT DEPOSIT MATERIALS CLEARED FROM SITE ONTO ADJACENT PROPERTY. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS REMOVED FROM SITE.

7. REMOVE PAVEMENT MARKINGS IN AREAS THAT WILL BE RESTRIPED BUT NOT BEING MILLED USING SAND OR WATER BLASTING OR BY ANY OTHER APPROVED METHOD THAT WILL ELIMINATE THE PREVIOUS MARKING PATTERN AND WILL NOT MATERIALLY DAMAGE THE SURFACE TEXTURE OF THE PAVEMENT.

8. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES. THE APPROPRIATE UTILITY COMPANY SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT.

9. THE EXACT LOCATIONS OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.

10. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS 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. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.

11. FOR UTILITY ADJUSTMENT SYMBOL, SEE INDEX NO. 002.

12. UTILITIES ARE TO BE ADJUSTED BY OTHERS UNLESS SHOWN IN PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.

13. IF THE CONTRACTOR ELECTS TO UTILIZE THE OFF-DUTY LAW ENFORCEMENT OFFICERS FOR WORK OTHER THAN THAT SPECIFIED IN THE PLANS, SPECIFICATIONS OR SPECIAL PROVISIONS, THE CONTRACTOR SHALL EMPLOY AND USE OFFICERS AS THEY ARE NEEDED. THE COST OF OFF-DUTY OFFICERS NOT SPECIFICALLY CALLED FOR ELSEWHERE, SHALL BE INCLUDED IN THE COST OF THE WORK ELEMENT BEING PERFORMED.

14. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SPECIAL PROVISIONS OF THIS CONTRACT WHICH REQUIRE THE PREPARATION AND APPROVAL OF AN EROSION CONTROL PLAN THAT ADDRESSES THE PREVENTION, CONTROL AND ABATEMENT OF WATER POLLUTION.

15. UTILITY OWNERS:

| COMPANY | CONTACT | TELEPHONE |
|---|---|---|
| LEE COUNTY SIGNAL DEPARTMENT | JOE FOOSE | 239-694-7600 EXT. 4145 |
| LEE COUNTY UTILITIES | LUIS MOLINA | 239-479-8181 |
| FLORIDA POWER & LIGHT | TRACY STERN | 305-442-5966 |
| AT&T COMM. - NORTH | NANCY SPENCE | 770-918-5424 |
| SPRINT | ED HALL | 239-336-2124 |
| TECO - PEOPLES GAS | JEREMIAH JOHNSON | 239-690-5513 |
| CITY OF FT. MYERS | ROGER P. ROBINSON, P.E. | 239-332-6822 |
| COMCAST | MIKE CONDON | 239-415-4733 |

16. CONSTRUCT DRIVEWAY TURNOUTS IN ACCORDANCE TO STANDARD INDEX 515. MAINTAIN ACCESS TO DRIVEWAYS BY LIMITING CONSTRUCTION TO HALF A TURNOUT AT A TIME.

17. IN ANY EXCAVATION WORK IT SHOULD BE NOTED THAT THE WATER TABLE IS HIGH IN THIS AREA. THE CONTRACTOR SHOULD BE AWARE OF WET CONDITIONS ALONG THE TOE OF THE ROADWAY EMBANKMENT. THE CONTRACTOR SHOULD CONSIDER CONSTRUCTION METHODS FOR OPERATION EQUIPMENT OVER SOFT SOILS MAY BE REQUIRED WHEN WORKING NEAR OR ALONG THE TOE OF THE ROADWAY EMBANKMENT.

18. NO MATERIALS OR MACHINERY ARE TO BE STORED IN WETLAND AREAS. CONSTRUCTION EQUIPMENT SHALL NOT BE USED TO REMOVE DEBRIS FROM WETLAND AREAS UNLESS A PERMIT HAS BEEN OBTAINED. WETLAND LIMITS ARE SHOWN ON THE TRAFFIC CONTROL PLANS AT THE STATED TURBIDITY BARRIER LINE.

19. ALL EROSION CONTROL DEVICES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

20. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.

21. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.

22. ALL CURB CUT RAMPS ARE TO COMPLY WITH STANDARD INDEX 304.

23. UTILITIES TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.

24. COST OF LONGITUDINAL AND PERPENDICULAR SAW CUTS AT PAVEMENT FEATHERING LOCATIONS AND PAVEMENT WIDENING ARE INCIDENTAL TO THE PAVEMENT CONSTRUCTION.

25. ANY CONSTRUCTION ACTIVITY OUTSIDE THE EXISTING RIGHT OF WAY LINE SHOULD BE COORDINATED WITH THE ADJACENT PROPERTY OWNER.

26. A STORMWATER POLLUTION PREVENTION PLAN SHALL BE PREPARED IN ACCORDANCE WITH SECTION 104. THE NOTICE OF INTENT SHALL BE PREPARED FOR THE NPDES STORMWATER PERMIT AND SUBMITTED TO OBTAIN PERMIT COVERAGE. FULL COMPENSATION FOR ALL ITEMS AND WORK SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF TRAFFIC.

27. ALL CURB CUT RAMPS SHALL RECEIVE A CURB RAMP DETECTABLE WARNING.

28. AT ALL SIDE STREET "END CONSTRUCTION" LOCATIONS, PROPOSED ROADWAY SHALL MATCH THE EXISTING PAVEMENT WIDTH AND ELEVATION.

29. SEE PLAN SHEETS FOR LOCATION OF 6" THICK CONCRETE SLABS TO BE USED AT BUS STOPS FOR PLACEMENT OF SHELTERS, BENCHES AND WHEELCHAIR PADS.

30. FOR WETLAND JURISDICTIONAL LIMITS, SEE THE EROSION CONTROL PLANS.

31. THE TYPE OF EQUIPMENT USED IN THE INSTALLATION OF MAST ARMS/FOUNDATIONS, OVERHEAD/CANTILEVER SIGNS/FOUNDATIONS, AND THE MOVEMENT/INSTALLATION OF STRAIN POLES SHALL MEET THE FOLLOWING REQUIREMENTS: 1) OVERHEAD LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY. 2) CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS (10' MINIMUM DISTANCE MAINTAINED BETWEEN THE EQUIPMENT AND THE ELECRICAL OVERHEAD FACILITY). ANY COST ASSOCIATED WITH THE TYPE OF EQUIPMENT REQUIRED FOR THIS INSTALLATION IS INCLUDED IN THE RELATED PAY ITEMS.

32. THE CONTRACTOR SHALL CONTACT SUNSHINE ONE-CALL LOCATES, 48 HOURS PRIOR TO START OF WORK. THE CONTRACTOR WHO IS MAINTAINING TRAFFIC SIGNALS DURING CONSTRUCTION SHALL LOCATE ALL EQUIPMENT AND FACILITIES RELATING TO THE TRAFFIC SIGNAL UNTIL SUCH TIME AS LEE COUNTY ASSUMES MAINTENANCE RESPONSIBILITY. FAILURE OF THE CONTRACTOR TO COMPLY WITH THIS REQUIREMENT WILL SUBJECT THE CONTRACTOR TO ALL OF THE COST OF DAMAGED EQUIPMENT.

31. CARE IS TO BE TAKEN NOT TO DISTURB EXISTING FENCE AND TREES OUTSIDE OF THE WORK ZONE. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY OF THESE ITEMS THAT ARE DAMAGED DURING CONSTRUCTION.

32. DEWATERING ACTIVITIES SHALL NOT TAKE PLACE PRIOR TO OBTAINING APPROPRIATE DEWATERING PERMITS.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
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DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

apeters

GENERAL NOTES

SHEET NO. 22

10/11/2010 3:59:34 PM P:\LeeCounty_05-8974Ortiz\PlanSet\roadway\gnntrd01.dgn

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-100 | 1010+79.15 | LT. | Junction Box | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-101 | 1011+50.00 | RT. | Inlet, Pipe | 1 | | 297 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-102 | 1011+03.00 | LT. | Inlet, Pipe | 1 | | | 25 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-102A | 1013+55.00 | LT. | Inlet, Pipe | 1 | | 246 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-103 | 1014+00.00 | LT. | DBI, Pipe | 1 | | 43 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 6.0 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-104 | 1014+50.00 | RT. | Inlet, Pipe | 1 | | 296 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-105 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-106 | 1016+00.00 | LT. | DBI, Pipe | 1 | | 197 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-107 | 1017+50.00 | RT. | Inlet, Pipe | 1 | | | 147 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-108 | 1017+50.00 | LT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-109 | 1018+57.00 | LT. | DBI, Pipe | 1 | | 255 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-110 | 1019+00.00 | RT. | Inlet, Pipe, MES | 1 | | | | 54 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 26.0 | | | MES (1:2) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-111 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-112 | 1019+43.00 | LT. | DBI, Pipe | 1 | | 83 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-113 | 1020+15.00 | LT. | DBI, Pipe | 1 | | | | | | | | | 69 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-114 | 1022+35.00 | LT. | DBI, Pipe | 1 | | | | | | | | | 216 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-115 | 12+40.00 | LT. | DBI, Pipe, MES | 1 | | 22 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | 22.0 | | | MES (1:2) |
| F | | POND 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-200 | 1021+20.00 | LT. | Inlet, Pipe | 1 | | 195 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-201 | 1023+20.00 | RT. | Inlet, Pipe | 1 | | 108 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-202 | 1023+20.00 | LT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-202A | 1024+30.00 | RT. | Inlet, Pipe, EW | 1 | | | | | 19 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 32.0 | 4.53 | | | (4'-0"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-203 | 1025+00.00 | RT. | Inlet, Pipe | 1 | | | | | 68 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (4'-0"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-204 | 1025+00.00 | LT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-205 | 1026+50.00 | RT. | Inlet, Pipe | 1 | | | | | 149 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (4'-0"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-206 | 1026+50.00 | LT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-207 | 1027+00.00 | RT. | Inlet, Pipe | 1 | | | | | 47 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (6'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | PLAN QUANTITY | | | | 0 | 2122 | 172 | 54 | 283 | 0 | 0 | 0 | 285 | 0 | 0 | 7 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 116 | 5 | 0 | 0 | |
| | | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (1)

SHEET NO. 23

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-208 | 1027+00.00 | LT. | EW, Pipe | 2 | | | | | | | | | | 232 | | | | | | | | | | | | | | | | | | | | | | | | 37.0 | 2.82 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-209 | 1028+34.00 | RT. | DBI, Pipe | 1 | | | 129 | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 8.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-210 | 1029+50.00 | RT. | DBI, Pipe | 1 | | | 110 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 6.0 | | | | (4'-6"x3' -6")/SLOT |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-211 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | S-212 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-213 | 1031+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-214 | 1031+00.00 | LT. | Inlet, Pipe | 1 | | | 396 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-215 | 1031+15.00 | RT. | Inlet, Pipe, | 1 | | 158 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 6.0 | | | | (8'-0"x3'-6") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-215A | 1033+03.00 | RT. | DBI, Pipe, MES | 1 | | 43 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | 25.0 | | | | MES (1:4) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-216 | 1035+00.00 | RT. | Inlet, Pipe | 1 | | 107 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-217 | 1035+00.00 | LT. | Inlet, Pipe | 1 | | | | 121 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-218 | 1035+32.53 | RT. | Manhole, Pipe | 1 | | 226 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-219 | 1036+07.00 | RT. | DBI, Pipe | 1 | | 71 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | SLOT |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-220 | 1036+25.00 | RT. | Inlet, Pipe | 1 | | | 107 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-221 | 1036+25.00 | LT. | Inlet, Pipe | 1 | | | | | 242 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-222 | 1038+70.00 | RT. | Inlet, Pipe | 1 | | | | | | 37 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | ALT. A (6' DIA) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-223 | 1038+70.00 | LT. | Inlet, Pipe | 1 | | | | | | 107 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-224 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-225 | 1039+00.00 | LT. | Junction Box, Pipe, MES | 1 | | | | 125 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | 28.0 | | | | (3-6"x5'-0") MES (1:4) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-226 | 1039+00.00 | LT. | MH, Pipe | 1 | | | 6 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (4'-0"x4'-0") |
| F | S-227 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-228 | 1042+50.00 | LT. | Inlet, Pipe | 1 | | | | | | 377 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-228A | 1042+50.00 | LT. | DBI, Pipe | 1 | | 14 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-229 | 1044+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-230 | 1044+00.00 | LT. | Inlet, Pipe | 1 | | | | | 147 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-231 | 1046+25.00 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-232 | 1046+25.00 | LT. | Inlet, Pipe | 1 | | | | | 221 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-233 | 1046+25.00 | LT. | DBI, Pipe | 1 | | 14 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | PLAN QUANTITY | | | | 0 | 823 | 843 | 246 | 610 | 521 | 0 | 0 | 0 | 232 | 0 | 3 | 4 | 4 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 5 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 122 | 3 | 0 | 0 | |
| | | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (2)

SHEET NO. 24

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-234 | 1047+10.00 | LT. | DBI, Pipe | 1 | | 82 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-235 | 193+64.00 | RT. | Inlet, Pipe | 1 | | | | | | | | | 22 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-236 | 193+64.00 | LT. | Inlet, Pipe | 1 | | | | | | | | | 230 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-237 | 196+00.00 | RT. | Inlet, Pipe | 1 | | | | | | | | | 31 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-238 | 196+00.00 | LT. | Inlet, Pipe | 1 | | | | | | | | | 192 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-239 | 197+93.69 | RT. | MES, Pipe, Inlet, Pipe | 1 | | | | | | | | | 34 | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | | | 22.0 | | | | MES (1:4) |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-240 | 197+93.69 | LT. | Inlet, Pipe | 1 | | | | | | | | | 64 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-240A | 198+60.00 | LT. | Manhole, Pipe | 1 | | | | | | | | | 65 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-241 | 199+24.57 | LT. | Manhole, Pipe | 1 | | | 58 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-242 | 200+67.00 | LT. | Manhole, Pipe | 1 | | | | | | | 29 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (6'-0"x6'-0") |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-243 | 200+95.00 | LT. | Manhole, Pipe | 1 | | | | | | | 302 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (6'-0"x3'-6") |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-244 | 204+00.00 | LT. | Manhole, Pipe | 1 | | | | | | | | 277 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (6'-0"x3'-6") |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-245 | 206+80.00 | LT. | Manhole, Pipe | 1 | | | | | | | | 257 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (6'-0"x3'-6") |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-246 | 209+40.00 | LT. | Manhole, Pipe, MES | 1 | | | | | | | | 47 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | 34.0 | | | | 6'-0"x6'-0" |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MES (1:2) |
| P | S-247 | 213+11.50 | LT. | Inlet, Pipe, MES | 1 | | 34 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | 22.0 | | | | MES (1:2) |
| F | | Laredo Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-300 | 1050+30.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-301 | 1050+30.00 | LT. | Inlet, Pipe | 1 | | | 166 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-302 | 1052+00.00 | RT. | Inlet, Pipe | 1 | | | 107 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-303 | 1052+00.00 | LT. | Inlet, Pipe | 1 | | | | 119 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-303A | 1053+22.00 | LT. | Inlet, Pipe | 1 | | | | 175 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-304 | 1055+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-305 | 1055+00.00 | LT. | Inlet, Pipe | 1 | | | | 297 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-306 | 1058+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-307 | 1058+00.00 | LT. | Inlet, Pipe | 1 | | | | | 122 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-308 | 1059+25.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-309 | 1059+25.00 | LT. | Inlet, Pipe | 1 | | | | | 173 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | PLAN QUANTITY | | | | | 0 | 496 | 331 | 591 | 295 | 0 | 331 | 581 | 638 | 0 | 0 | 10 | 5 | 1 | 0 | 1 | 0 | 0 | 2 | 5 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 84 | 0 | 0 | 0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (3)

SHEET NO. 25

apeters 10/11/2010 3:59:55 PM P:\LeeCounty_05-8974Or11z\PlanSet\roadway\SUMDRD01.dgn

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-310 | 1061+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-311 | 1061+00.00 | LT. | Inlet, Pipe | 1 | | | | | 149 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-312 | 1061+90.00 | RT. | Manhole, Pipe | 1 | | | 235 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-313 | 1061+90.00 | LT. | Manhole, Pipe | 1 | | | 109 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-314 | 1061+90.00 | LT. | Endwall, Pipe | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 4.53 | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-315 | 1062+50.00 | LT. | Inlet, Pipe | 1 | | | | | | 85 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | (3-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-316 | 1062+92.00 | LT. | Manhole, Pipe | 1 | | | 101 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-316A | 299+35.00 | RT. | Manhole, Pipe | 1 | | | | | | | 90 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | (6'-0"x6'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-317 | 1063+96.00 | LT. | Manhole, Pipe | 1 | | | | | | | 59 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | (3'-6"x8'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-318 | 1064+32.00 | RT. | Manhole, Pipe | 1 | | | | 58 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | (5'-0"x8'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-319 | 1064+32.00 | LT. | DBI, Pipe | 1 | | 136 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-320 | 1064+60.00 | RT. | Inlet, Pipe | 1 | | | | | | 107 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-321 | 1064+60.00 | LT. | Inlet, Pipe | 1 | | | | | | 63 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-322 | 1065+25.00 | LT. | Inlet, Pipe | 1 | | 60 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-323 | 1067+00.00 | RT. | Inlet, Pipe | 1 | | | | | | 242 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-324 | 1067+00.00 | LT. | Inlet, Pipe | 1 | | | 107 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-325 | 1068+25.00 | RT. | Inlet, Pipe | 1 | | | | | 125 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-326 | 1068+25.00 | LT. | Inlet, Pipe | 1 | | | 114 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-327 | 1070+45.00 | RT. | Inlet, Pipe | 1 | | | 223 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-328 | 1070+45.00 | LT. | Inlet, Pipe | 1 | | 107 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-329 | 1072+00.00 | RT. | Inlet, Pipe | 1 | | | 150 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-330 | 1072+00.00 | LT. | Inlet, Pipe | 1 | | | 108 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-331 | 1073+74.00 | RT. | Inlet, Pipe | 1 | | 165 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-332 | 1074+82.00 | RT. | Inlet, Pipe | 1 | | 101 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-333 | 1075+00.00 | LT. | Inlet, Pipe | 1 | | | 304 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-334 | 294+67.00 | RT. | Inlet, Pipe, MES | 1 | | | | | | | | 197 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 34.0 | | | (6'-0"x6'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MES (1:2) |
| SHEET TOTALS | PLAN QUANTITY | | | | | 0 | 664 | 1453 | 58 | 274 | 497 | 149 | 197 | 0 | 0 | 0 | 10 | 1 | 2 | 4 | 1 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 86 | 5 | 0 | 0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (4)

SHEET NO. 26

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT.TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-335 | 294+67.00 | LT. | Inlet, Pipe | 1 | | | 230 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-336 | 296+23.00 | RT. | DBI, Pipe | 1 | | | | | 33 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | POND CONTROL STR. |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-337 | 296+45.00 | RT. | Manhole, Pipe | 1 | | | 258 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-338 | 297+00.00 | RT. | Inlet, Pipe | 1 | | | | | | | 230 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x6'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-339 | 297+00.00 | LT. | Inlet, Pipe | 1 | | | 33 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-340 | 298+44.00 | RT. | Inlet, Pipe | 1 | | | | | | | 141 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x6'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-341 | 298+44.00 | LT. | Inlet, Pipe | 1 | | | 33 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-342 | 299+05.00 | RT. | Manhole, Pipe | 1 | | | 43 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-343 | 301+05.00 | LT. | Manhole, Pipe | 1 | | | | 53 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-344 | 301+60.00 | LT. | DBI, Pipe | 1 | | | | 32 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | (3'-6"x4'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-345 | 301+94.03 | RT. | Inlet, Pipe | 1 | | 33 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-346 | 301+94.03 | LT. | Inlet, Pipe | 1 | | | | 124 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-347 | 303+22.00 | RT. | Inlet, Pipe | 1 | | 34 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-348 | 303+22.00 | LT. | Inlet, Pipe | 1 | | | | 222 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-349 | 305+47.00 | RT. | Inlet, Pipe | 1 | | 20 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-350 | 305+47.00 | LT. | Inlet, Pipe,EW | 1 | | | | 11 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 46.0 | 4.53 | | 19.4 | (3'-6"x5'-0") |
| F | | Ballard Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-400 | 1078+95.00 | RT. | Inlet, Pipe | 1 | | | 103 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-401 | 1078+95.00 | LT. | Inlet, Pipe | 1 | | | 292 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-402 | 1081+90.00 | RT. | Inlet, Pipe | 1 | | | 101 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-403 | 1081+90.00 | LT. | Inlet, Pipe | 1 | | | 257 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-404 | 1084+50.00 | RT. | Inlet, Pipe | 1 | | | 96 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-405 | 1084+50.00 | LT. | Inlet, Pipe | 1 | | | | 147 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-407 | 1086+00.00 | LT. | Inlet, Pipe | 1 | | | | 297 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-408 | 1089+00.00 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-409 | 1089+00.00 | LT. | Inlet, Pipe | 1 | | | | 296 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-410 | 1092+00.00 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | PLAN QUANTITY | | | | 0 | 1126 | 744 | 1035 | 33 | 0 | 371 | 0 | 0 | 0 | 0 | 12 | 4 | 2 | 1 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 5 | 0 | 19.4 | |
| | | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (5)

SHEET NO. 27

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-411 | 1092+00.00 | LT. | Inlet, Pipe | 1 | | | | 216 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-412 | 1094+20.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-413 | 1094+20.00 | LT. | Inlet, Pipe | 1 | | | | 321 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-414 | 1097+45.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-415 | 1097+45.00 | LT. | Inlet, Pipe | 1 | | | | 151 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-416 | 1099+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-417 | 1099+00.00 | LT. | Inlet, Pipe | 1 | | | | 166 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-418 | 1100+70.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-419 | 1100+70.00 | LT. | Inlet, Pipe | 1 | | | | | 277 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-420 | 1103+50.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-421 | 1103+50.00 | LT. | Inlet, Pipe | 1 | | | | | 127 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-423 | 1104+80.00 | LT. | Inlet, Pipe | 1 | | | | | 266 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-424 | 1107+50.00 | RT. | Inlet, Pipe, MES | 1 | | | | | | 55 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 30.0 | | | | (3'-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MES (1:2) |
| P | S-425 | 1107+50.00 | LT. | Inlet, Pipe | 1 | | | | | 95 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-426 | 1108+60.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-427 | 1108+60.00 | LT. | Inlet, Pipe | 1 | | | 107 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-428 | 1108+60.00 | LT. | Manhole, Pipe, MES | 1 | | 49 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | 22.0 | | | | MES (1:2) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-429 | 1108+60.00 | LT. | DBI, Pipe | 1 | | 13 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-501 | 1109+79.59 | RT. | Manhole, Pipe | 1 | | | | | 81 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | ALT. A (6' DIA.) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-502 | 1110+60.00 | RT. | Inlet, Pipe | 1 | | | | | 77 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-503 | 1110+60.00 | LT. | Inlet, Pipe | 1 | | | | | 95 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-504 | 1111+45.00 | LT. | DBI, Pipe, MES | 1 | | | 179 | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | | | | | 30.0 | | | | MES (1:2) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-505 | 1112+75.00 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-506 | 1112+75.00 | LT. | Inlet, Pipe | 1 | | | | | | 212 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | PLAN QUANTITY | | | | | 0 | 632 | 381 | 854 | 765 | 267 | 253 | 0 | 0 | 0 | 0 | 10 | 2 | 6 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 88 | 0 | 0 | 0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (6)

SHEET NO. 28

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-507 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-508 | 1114+50.00 | LT. | Inlet, Pipe | 1 | | | | | | 171 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-509 | 1114+50.00 | LT. | Manhole, Pipe | 1 | | | 303 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-510 | 1114+50.00 | LT. | DBI, Pipe | 1 | | 31 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-511 | 1116+50.00 | LT. | DBI, Pipe | 1 | | 197 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-513 | 1117+00.00 | LT. | Inlet, Pipe | 1 | | | | | | 247 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-514 | 1118+50.00 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-515 | 1118+50.00 | LT. | Inlet, Pipe | 1 | | | | | | 146 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-517 | 1120+00.00 | LT. | Inlet, Pipe | 1 | | | | | 146 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-518 | 1123+57.50 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-519 | 1123+57.50 | LT. | Inlet, Pipe | 1 | | | | | 354 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-520 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-521 | 1125+68.39 | RT. | Inlet, Pipe | 1 | | | 108 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-522 | 1125+66.00 | LT. | Inlet, Pipe | 1 | | | | 206 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-523 | 494+82.76 | RT. | Inlet, Pipe | 1 | | 22 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-524A | 494+30 LT.,RT.EW,Pipe,Pipe,EW | | | 2 | 25 | | | | | 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16.2 | | | CONC. COLLAR |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-524 | 494+82.76 | LT. | Inlet, Pipe | 1 | | | 53 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-525 | 494+82.76 | LT. | DBI, Pipe | 1 | | 15 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-526 | 495+80.00 | LT. | DBI, Pipe | 1 | | 95 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-527 | 496+70.00 | LT. | DBI, Pipe | 1 | | 88 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-528 | 497+40.00 | LT. | DBI, Pipe | 1 | | 68 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-529 | 497+80.00 | RT. | DBI, Pipe | 1 | | 30 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-530 | 498+11.97 | RT. | Inlet, Pipe | 1 | | 33 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-531 | 498+11.97 | LT. | Inlet, Pipe | 1 | | 69 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Glenwood Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | PLAN QUANTITY | | | | 25 | 648 | 654 | 206 | 500 | 676 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 16 | 0 | 0 | |
| | | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (7)

SHEET NO. 29

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-532 | 10+93.00 | LT. | Manhole, Pipe | 1 | | | | | | | 110 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | (3'-6"x5'-0") |
| F | | Pond 4/5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-533 | 11+56.88 | RT. | MES, Pipe, MES | 2 | | | | | 644 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 56.0 | | | | MES (1:2) |
| F | | Pond 4/5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-534 | 11+94.00 | LT. | Inlet, Pipe, MES | 1 | | | 34 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | 30.0 | | | | MES (1:2) |
| F | | Pond 4/5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-535 | 12+00.00 | LT. | Manhole, Pipe | 1 | | | | | | | 477 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | (3'-6"x6'-0") |
| F | | Pond 4/5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-536 | 16+80.00 | LT. | Manhole, Pipe, MES | 1 | | | | | | | 17 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | 32.0 | | | | (6'-0"x6'-0") |
| F | | Pond 4/5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MES (1:2) |
| P | S-600 | 1124+07.50 | RT. | Junct. Box (Part.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-601 | 1124+63.98 | RT. | Manhole | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | Remove Exist. Inl. Top |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-602 | 1124+90.91 | RT. | Manhole | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-602A | 1125+14.51 | RT. | Manhole | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-603 | 1125+92.33 | RT. | Manhole | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-604 | 1126+63.54 | RT. | Manhole | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | Remove Exist. Inl. Top |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-604A | 1127+58.35 | RT. | Inlet (Part.) | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-604B | 1128+77.68 | RT. | Junct. Box (Part.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Remove Exist. MH Top |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-605 | 1130+00.00 | RT. | DBI, Pipe | 1 | | | | | | 113 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | (3'-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-606 | 1132+00.00 | RT. | DBI, Pipe | 1 | | | | | | 204 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | (3'-6"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-607 | 1132+00.00 | RT. | Inlet, Pipe | 1 | | | 95 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-608 | 1132+00.00 | LT. | Inlet, Pipe | 1 | | | 192 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-609 | 1133+22.00 | RT. | DBI, Pipe | 1 | | | | | 123 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 6.0 | | | | (4'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-610 | 1133+89.00 | RT. | DBI, Pipe | 1 | | | 66 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-611 | 1134+00.00 | RT. | Inlet, Pipe | 1 | | | | | 89 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | (4'-0"x5'-0") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-612 | 1134+00.00 | LT. | Inlet, Pipe | 1 | | | | 95 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-613 | 1134+89.00 | RT. | Manhole, Pipe | 1 | | | | | 278 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | ALT. A, (6' DIA.) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-614 | 1135+60.00 | RT. | DBI, Pipe | 1 | | 174 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-615 | 1136+50.00 | RT. | DBI, Pipe | 1 | | 88 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-616 | 1137+50.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-617 | 1137+50.00 | LT. | Inlet, Pipe | 1 | | | | 342 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | PLAN QUANTITY | | | | 0 | 357 | 387 | 437 | 1134 | 317 | 604 | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 5 | 0 | 4 | 0 | 3 | 1 | 0 | 3 | 1 | 0 | 2 | 0 | 1 | 0 | 4 | 0 | 1 | 0 | 154 | 0 | 0 | 0 | |
| | | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (8)

SHEET NO. 30

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-618 | 1138+00.00 | RT. | DBI, Pipe | 1 | | 146 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-619 | 1138+70.00 | RT. | DBI, Pipe | 1 | | 68 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-621 | 1138+70.00 | LT. | Inlet, Pipe | 1 | | | 116 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 24.0 | | | | MES (1:2) |
| F | | Pond 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| P | S-622 | 1139+40.00 | RT. | DBI, Pipe | 1 | | 67 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-623 | 1140+62.00 | RT. | DBI, Pipe | 1 | | 120 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-624 | 1141+56.00 | RT. | DBI, Pipe | 1 | | 92 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-625 | 1141+65.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-626 | 1141+65.00 | LT. | Inlet, Pipe | 1 | | | 292 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-627 | 1142+70.00 | RT. | DBI, Pipe | 1 | | 112 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-628 | 1144+00.00 | RT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-629 | 1144+00.00 | LT. | Inlet, Pipe | 1 | | 138 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-630 | 1145+41.60 | RT. | Inlet, Pipe | 1 | | 36 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-631 | 1145+41.60 | LT. | Inlet, Pipe | 1 | | 95 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-632 | 1145+80.00 | RT. | Manhole, Pipe | 1 | | 32 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-633A | 1146+04.50 | RT. | Junction Box | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-633 | 1146+05.00 | RT. | Junction Box | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | ALT. A (6' DIA.) |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-634 | 4+94.00 | LT. | Manhole, Pipe, MES | 1 | | | | | 46 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | 24.0 | | | | MES (1:2) |
| F | | Pond 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| P | S-635 | 7+10.00 | RT. | DBI, Pipe | 1 | | | 6 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| F | | Pond 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-636 | 7+10.00 | RT. | Manhole, Pipe | 1 | | | | | 192 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (3'-6"x4'-0") |
| F | | Pond 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-637 | 5+15 | RT. | Manhole, Pipe | 1 | | | | | 127 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | (5'-0"x5'-0") |
| F | | Pond 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-637A | 5+04 | LT. | Manhole,Pipe | 1 | | | | | 194 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | ALT. A (6' DIA.) |
| F | | Pond 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-638 | 594+38.00 | RT. | DBI, Pipe | 1 | | 190 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-639 | 595+00.00 | LT. | DBI, Pipe | 1 | | 78 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-640 | 595+80.00 | LT. | DBI, Pipe | 1 | | 45 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-641 | 596+31.00 | RT. | DBI, Pipe | 1 | | 7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | PLAN QUANTITY | | | 0 | 1416 | 414 | 0 | 559 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 5 | 0 | 5 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 84 | 0 | 0 | 0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (9)

SHEET NO. 31

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-642 | 596+31.00 | RT. | Inlet, Pipe | 1 | | | | 81 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-643 | 596+27.95 | LT. | Inlet, Pipe | 1 | | 33 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-643A | 596+43.74 | LT. | Manhole, Pipe | 1 | | 16 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-644 | 596+49.16 | LT. | DBI, Pipe | 1 | | 16 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-645 | 596+79.13 | LT. | DBI, Pipe | 1 | | 27 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-646 | 597+15.00 | RT. | Inlet, Pipe, MES | 1 | | | | | | | 13 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 15.0 | | | 7.0 | (5'-0"x6'-0")MES (1:2) |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | W/6.4 TN. RIPRAP |
| P | S-647 | 597+15.00 | LT. | Inlet, Pipe | 1 | | | 33 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-648 | 597+40.00 | LT. | DBI, Pipe | 1 | | 23 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 6.0 | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-649 | 598+05.00 | RT. | DBI, Pipe | 1 | | 13 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-650 | 598+05.00 | RT. | Inlet, Pipe | 1 | | | | | | 86 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | (3'-6"x5'-0") |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-651 | 598+05.00 | LT. | Inlet, Pipe | 1 | | 33 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-652 | 599+30.00 | RT. | Manhole, Pipe | 1 | | | | | | 122 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | (3'-6"x5'-0") |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-653 | 601+17.00 | RT. | Manhole, Pipe | 1 | | | | | | 184 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | (5'-0"x7'-0") |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-654 | 602+51.39 | RT. | Inlet, Pipe | 1 | | | | | 131 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | (4'-0"x5'-0") |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-655 | 602+51.39 | LT. | Inlet, Pipe | 1 | | | | 45 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-656 | 603+45.00 | RT. | DBI, Pipe | 1 | | 91 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-657 | 604+50.00 | RT. | DBI, Pipe | 1 | | 97 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | SLOT |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-658 | 605+50.00 | RT. | DBI, Pipe | 1 | | 4 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-659 | 605+50.00 | RT. | Inlet, Pipe | 1 | | | 33 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-660 | 605+50.00 | LT. | Inlet, Pipe | 1 | | | 295 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-661 | 606+00.00 | RT. | DBI, Pipe | 1 | | 47 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-662 | 607+00.00 | RT. | DBI, Pipe | 1 | | 6 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-663 | 607+00.00 | RT. | Inlet, Pipe | 1 | | | 147 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-664 | 607+00.00 | LT. | Inlet, Pipe | 1 | | 32 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-665 | 607+55.00 | RT. | DBI, Pipe | 1 | | 52 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-666 | 608+80.00 | RT. | DBI, Pipe | 1 | | 122 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 6.0 | | | |
| F | | Tice St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | PLAN QUANTITY | | | | 0 | 612 | 508 | 126 | 131 | 392 | 13 | 0 | 0 | 0 | 0 | 5 | 4 | 1 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 81 | 0 | 0 | 7.0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (10)

SHEET NO. 32

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE | | | | | | | | | CROSS DRAIN OPT. TYPE | | CURB INLETS | | | | | | MANHOLES | | | | DITCH BOTTOM INLETS | | | | | JUNCTION BOX | | CROSS DRAIN MES | | | | | | | SOD | CLASS I CONC. | REINF. STEEL | RUBBLE RIPRAP | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ROUND | | | | | | | | OTHER | ROUND | | P-5 | P-6 | J-5 | J-5 | J-6 | J-6 | ADJ. TOP | P-7 | J-7 | J-7 | C | C PART. | C MOD. | C J/BOTT. | D MOD. | J/BOTT. | PART. | ROUND | | | | | | | | | | | |
| | | | | | | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 18" | 24" | 36" | <10' | <10' | <10' | >10' | <10' | >10' | | <10' | <10' | >10' | <10' | | <10' | <10' | <10' | <10' | <10' | 18" | 24" | 30" | 36" | 42" | 48" | 54" | (SY) | (CY) | (LB) | (TN) | |
| P | S-700 | 1067+00.00 | RT. | DBI, Pipe | 1 | | 204 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | SLOT |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-701 | 1069+00.00 | RT. | DBI, Pipe | 1 | | 301 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-702 | 1072+00.00 | RT. | DBI, Pipe | 1 | | 190 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | | | | SLOT (3'-6"x4'-6") |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-703 | 1074+00.00 | RT. | Manhole, Pipe | 1 | | 96 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-704 | 1075+00.00 | RT. | DBI, Pipe | 1 | | 104 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 6.0 | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-705 | 394+38.50 | RT. | Inlet, Pipe | 1 | | 157 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-706 | 394+38.50 | LT. | Inlet, Pipe | 1 | | 20 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-707 | 396+00.00 | RT. | Inlet, Pipe | 1 | | 155 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-708 | 397+59.44 | RT. | Inlet, Pipe | 1 | | 115 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-709 | 397+59.44 | LT. | Inlet, Pipe | 1 | | 50 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-710 | 398+80.00 | RT. | Inlet, Pipe | 1 | | | 312 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-711 | 401+84.44 | LT. | Inlet, Pipe | 1 | | | 210 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-712 | 401+93.43 | RT. | Inlet, Pipe | 1 | | | 82 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | ALT. A (5' DIA.) |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-713 | 403+00.00 | LT. | DBI, Pipe, MES | 1 | | 302 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | | 37.0 | | | | Trav. Slots (2) |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MES (1:4) |
| P | S-714 | 404+00.00 | RT. | Inlet, Pipe | 1 | | 82 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-715 | 404+00.00 | LT. | Inlet, Pipe | 1 | | | 295 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-716 | 407+00.00 | RT. | Inlet, Pipe | 1 | | 70 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-717 | 407+00.00 | LT. | Inlet, Pipe, EW | 1 | | | 18 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 32.0 | 2.24 | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-718 | 410+50.00 | RT. | Inlet, Pipe | 1 | | 72 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-719 | 410+50.00 | LT. | Inlet, Pipe | 1 | | | 345 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-720 | 412+35.00 | LT. | DBI, Pipe | 1 | | 111 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 12.0 | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-721 | 413+50.00 | RT. | EW,CBC,EW | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 293.0 | 42464 | 126.0 | DBL. 5'x6' CBC |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-722 | 411+70.00 | LT. | Pipe,DBI,Pipe,MES | 1 | | 88 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | | 49.0 | | | | CONC. COLLAR |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MES (1:4) |
| P | S-723 | 412+92.00 | LT. | DBI, Pipe | 1 | | 117 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 12.0 | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-724 | 413+75.00 | RT. | DBI, Pipe | 1 | | 41 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 12.0 | | | | Trav. Slot |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-725 | 414+60.00 | LT. | DBI. Pipe | 1 | | 92 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 12.0 | | | | Trav. Slot |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | PLAN QUANTITY | | | | | 0 | 2367 | 1262 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 190 | 295 | 42464 | 126.0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (11)

SHEET NO. 33

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN OPTIONAL TYPE ROUND 15" | ROUND 18" | ROUND 24" | ROUND 30" | ROUND 36" | ROUND 42" | ROUND 48" | ROUND 54" | OTHER 18" | CROSS DRAIN OPT.TYPE ROUND 24" | ROUND 36" | CURB INLETS P-5 <10' | P-6 <10' | J-5 <10' | J-5 >10' | J-6 <10' | J-6 >10' | MANHOLES ADJ. TOP | P-7 <10' | J-7 <10' | J-7 >10' | DITCH BOTTOM INLETS C <10' | C PART. | C MOD. <10' | C J/BOTT. <10' | D MOD. <10' | JUNCTION BOX J/BOTT. <10' | PART. <10' | CROSS DRAIN MES ROUND 18" | 24" | 30" | 36" | 42" | 48" | 54" | SOD (SY) | CLASS I CONC. (CY) | REINF. STEEL (LB) | RUBBLE RIPRAP (TN) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P | S-726 | 415+50.00 | RT. | Inlet, Pipe | 1 | | 148 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-727 | 415+50.00 | LT. | Inlet, Pipe | 1 | | 73 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-728 | 417+00.00 | RT. | Inlet, Pipe | 1 | | 74 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-729 | 417+00.00 | LT. | Inlet, Pipe, MES | 1 | | 14 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | | 22.0 | | | | MES (1:2) |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-730 | 419+00.00 | RT. | Inlet, Pipe | 1 | | 74 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-731 | 419+00.00 | LT. | Inlet, Pipe, MES | 1 | | 41 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | | 22.0 | | | | MES (1:2) |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-732 | 421+50.00 | RT. | Inlet, Pipe | 1 | | 73 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-733 | 421+50.00 | LT. | Inlet, Pipe | 1 | | 250 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-735 | 421+71.00 | LT. | Pipe, Endwall | 2 | | | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37.0 | 2.82 | | | CONC. COLLAR |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-736 | 423+47.13 | RT. | Inlet, Pipe | 1 | | 84 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-737 | 423+47.13 | LT. | Inlet, Pipe, MES | 1 | | 17 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | | 22.0 | | | | MES (1:2) |
| F | | Luckett Rd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-738 | 423+61.16 | LT. | Manhole, Pipe, MES | 2 | | | | 30 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | | | | | 36.0 | | | | (3'-6"x8'-0") |
| F | | Ortiz Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | S-406 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-422 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | S-500 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-512 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | S-516 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | S-620 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | S-734 | NOT USED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | PLAN QUANTITY | | | 0 | 848 | 48 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 139 | 3 | 0 | 0 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRAND TOTALS | PLAN QUANTITY | | | 25 | 12111 | 7197 | 3637 | 4584 | 2670 | 1611 | 778 | 923 | 232 | 0 | 81 | 45 | 23 | 5 | 12 | 1 | 5 | 10 | 23 | 2 | 45 | 1 | 9 | 8 | 5 | 2 | 4 | 10 | 2 | 4 | 5 | 1 | 2 | 2 | 1244 | 332 | 42464 | 152.4 | |
| | FINAL QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SUMMARY OF DRAINAGE STRUCTURES (12)

SHEET NO. 34

STA. 9+37.00
℄ POND 1=
STA. 1017+60.00,
℄ CONST. ORTIZ AVE.

STA. 604+00.00
℄ IMMOKALEE RD.=
STA. 1021+47.00,
℄ CONST. ORTIZ AVE.

STA. 200+00.00
℄ CONST. LAREDO AVE.=
STA. 1037+95.19,
℄ CONST. ORTIZ AVE.

STA. 300+00.00,
℄ CONST. BALLARD RD.=
STA. 1063+64.14
℄ CONST. ORTIZ AVE.

STA. 400+00.00,
℄ CONST. LUCKETT RD.=
STA. 1075+96.94,
℄ CONST. ORTIZ AVE.

1"=500'

℄ SURVEY
P/P ①
1010
20
1020
60'
℄ IMMOKALEE RD.
P/P IMMOKALEE RD.
1030
30
P/P ⑤
P/P ⑥
1040
40
1050
50
P/P ⑧
P/P ⑩
1060
60
70
1070
P/P ⑪
P/P ⑫
1080
80
P/P ⑭
P/P ⑬
P/P ③
P/P ④
P/P ⑦
P/P ⑨
P/P ②
℄ CONST.
01
200
210
300
400
410
012
420

℄ LAREDO AVE.
P/P LAREDO AVE. ①
P/P LAREDO AVE. ②
P/P LAREDO AVE. ③

℄ BALLARD RD.
P/P BALLARD RD. ①
P/P BALLARD RD. ②
P/P BALLARD RD. ③

P/P LUCKETT RD. ①
℄ LUCKETT RD.
P/P LUCKETT RD. ②
P/P LUCKETT RD. ③
P/P LUCKETT RD. ④
P/P LUCKETT RD. ⑤
P/P LUCKETT RD. ⑥
P/P LUCKETT RD. ⑦
P/P LUCKETT RD. ⑧

STA.1026+77.04
℄ CONST.=
STA.26+78.22
℄ SURVEY

℄ POND 1

BEGIN PROJECT
STA. 1010+16.84

STA. 200+00.00
℄ CONST. LAREDO AVE.=
STA. 1038+03.30,
℄ CONST. ORTIZ AVE.

STA. 300+00.00,
℄ CONST. BALLARD RD.=
STA. 1063+53.07,
℄ CONST. ORTIZ AVE.

STA. 1063+90.45
℄ CONST.=
STA. 63+89.71
℄ SURVEY

STA. 1071+35.93
℄ CONST.=
STA. 71+31.83
℄ SURVEY

℄ FRONTAGE RD.

MATCHLINE
SEE PROJECT
LAYOUT SHT. 2

STA. 713+66.86
℄ FRONTAGE RD.=
STA. 412+84.93
℄ LUCKETT RD.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


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FORT MYERS, FLORIDA 33901


# PROJECT LAYOUT (1)

SHEET NO.
35

1"=500'

END PROJECT
STA. 1145+48.36

℄ GLENWOOD AVE.

℄ TICE ST.

STA. 500+00.00,
℄ CONST. GLENWOOD AVE.=
STA. 1116+00.88,
℄ CONST. ORTIZ AVE.

P/P GLENWOOD AVE. (1)

P/P TICE ST. (1)

P/P TICE ST. (2)

P/P (25)

P/P (25A)

P/P (23)

P/P (24)

1140
140

℄ CONST.

P/P (16)

1090
90

1100
100

P/P (18)

1110
110

01

500

1120
120

P/P (21)

600

1130
130

P/P (22)

MATCHLINE SEE PROJECT LAYOUT SHT.1

P/P (15)

℄ SURVEY

P/P (17)

P/P (19)

P/P (20)

℄ POND 4/5

℄ POND 6

STA. 2+25.00
℄ POND 6=
STA. 1134+24.20,
℄ CONST. ORTIZ AVE.

P/P GLENWOOD AVE. (2)

STA. 9+60.00
℄ POND 4/5=
STA. 1107+80.00,
℄ CONST. ORTIZ AVE.

STA. 600+00.00,
℄ CONST. TICE ST. =
STA. 1129+39.27,
℄ CONST. ORTIZ AVE.

P/P TICE ST. (3)

610

P/P TICE ST. (4)

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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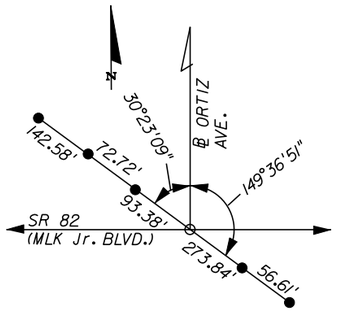

PUBLIC WORKS
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apeters

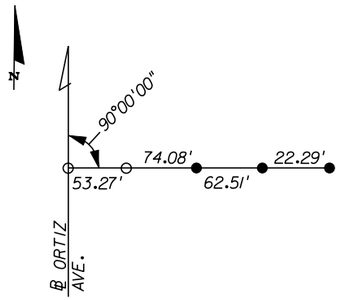
# PROJECT LAYOUT (2)

SHEET NO.
36

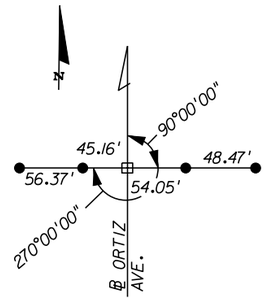
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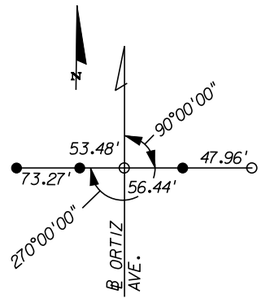

℄ SURVEY STA. 10+01.98
BEGIN R/W PROJECT ORTIZ AVE.



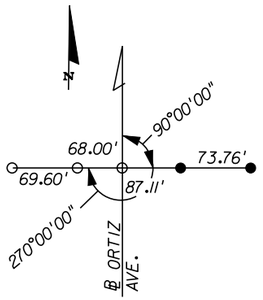

℄ SURVEY P.O.T. STA. 20+00.00



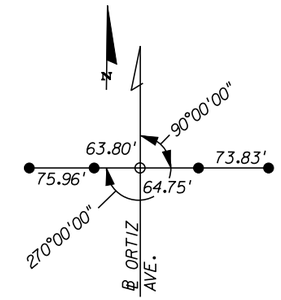

℄ SURVEY PI STA. 24+40.55



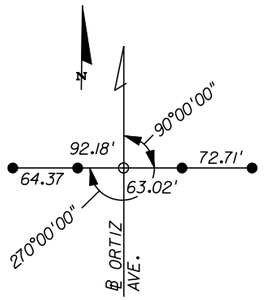

℄ SURVEY P.O.T. STA. 30+00.00




℄ SURVEY PI STA. 37+62.98



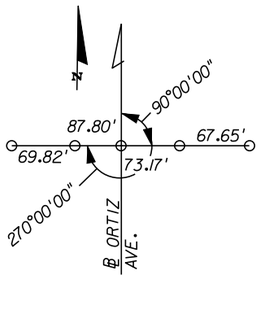

℄ SURVEY P.O.T. STA. 40+00.00



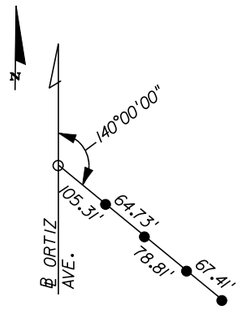

℄ SURVEY P.O.T. STA. 50+00.00

℄ = BASELINE
PC = POINT OF CURVATURE
PT = POINT OF TANGENCY
PI = POINT OF INTERSECTION
IRC = IRON ROD & CAP "AIM LB 3114"
STA = STATION
EOS = END OF SURVEY
BOS = BEGIN OF SURVEY
● = 5/8" I.R.C. AIM LB 3114
○ = P.K. NAIL & DISK AIM LB 3114
□ = BOLT IN CUTOUT

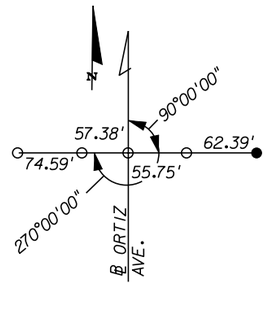
LEGEND



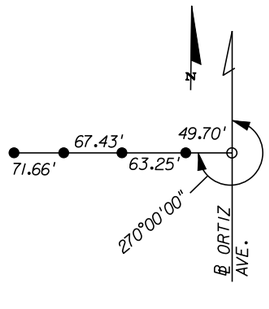

℄ SURVEY PI STA. 50+85.23



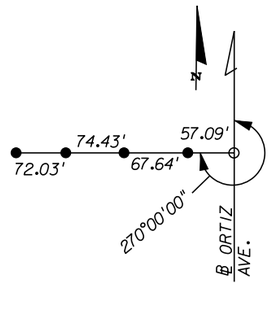

℄ SURVEY P.O.T. STA. 60+00.00



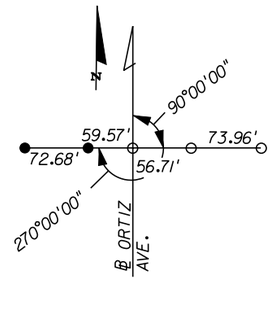

℄ SURVEY PI STA. 63+62.99



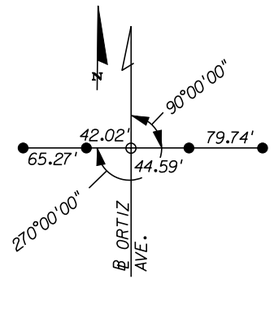

℄ SURVEY PI STA. 66+89.06



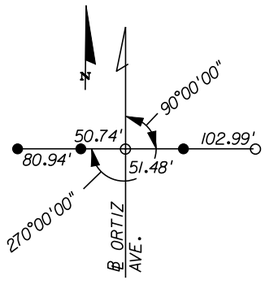

℄ SURVEY PI STA. 67+99.04



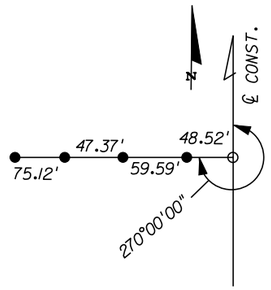

℄ SURVEY STA. 70+00.00



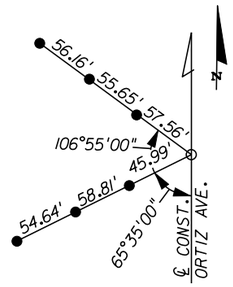

℄ SURVEY P.O.T. STA. 80+00.00



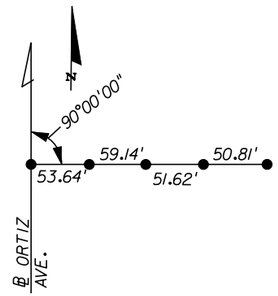

℄ STA. 85+03.12
BEGIN ℄ CONST.



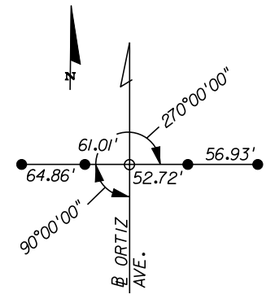

℄ CONST. PI STA. 89+99.08



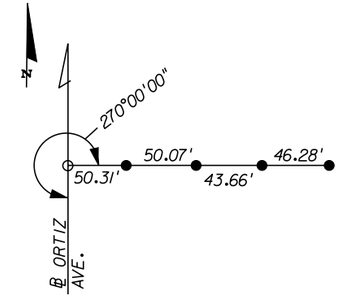

℄ CONST. PI STA. 96+29.46



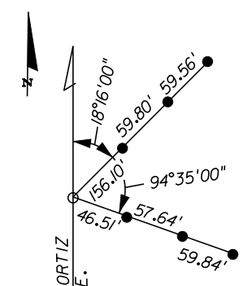

℄ SURVEY PI STA. 94+99.08



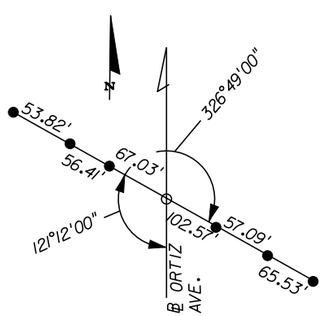

℄ SURVEY P.O.T. STA. 100+00.00



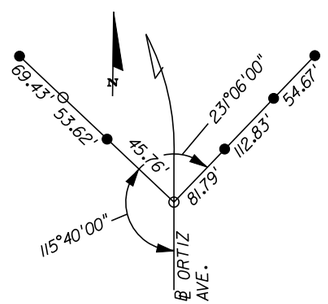

℄ SURVEY P.O.T. STA. 105+25.53



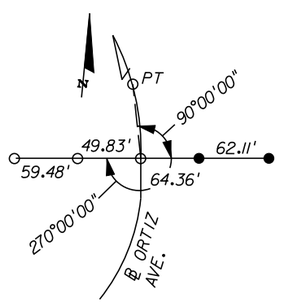

℄ SURVEY P.O.T. STA. 110+00.00



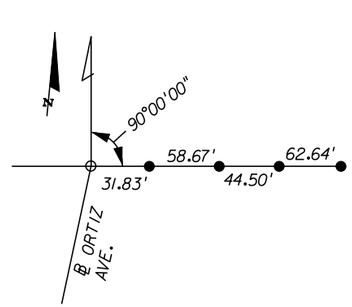

℄ SURVEY P.O.T. STA. 120+00.00



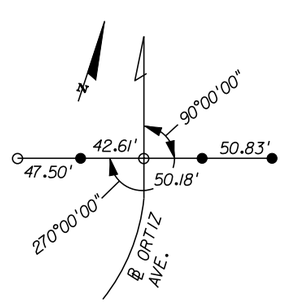

℄ SURVEY PC STA. 128+38.64



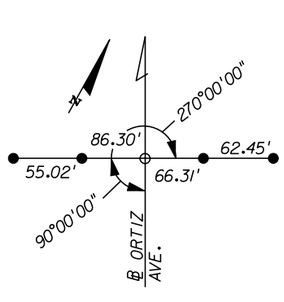

℄ SURVEY POC STA. 130+00.00



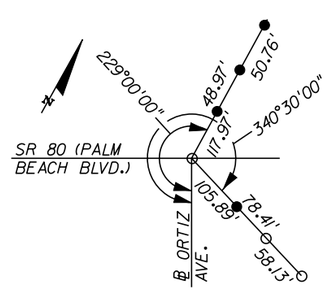

℄ SURVEY PI STA. 130+35.20




℄ SURVEY PT STA. 132+22.31




℄ SURVEY P.O.T. STA. 140+00.00




℄ SURVEY STA. 146+85.89
END R/W PROJECT ORTIZ AVE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


apeters

# REFERENCE POINTS

SHEET NO. 37

10/11/2010 4:00:47 PM P:\LeeCounty_05-89740rt1z\PlanSet\roadway\PLAYRD03.dgn

LIMITS OF MILLING AND RESURFACING

N

1" = 40'

+62.29
137.60' LT.

BEGIN C & G
+64.14
136.84' LT.

EXIST. 36" RCP
(TO REMAIN)

55'R

EXIST. MH
(PARTIAL -
TO REMAIN)

+71.81
80.47 LT.
EL.= 22.45

CONST. 25' OF 24" RCP

+02.89
61.26 LT.
EL.= 22.27

+40.00
60.00 LT.
EL.= 22.46

CONST. 246' OF 18" RCP

CONST. 43' OF 18" RCP

CONST. 197' OF 18" RCP

EXIST. R/W

6' CONC. S/W

CONST. TYPE F
CURB & GUTTER

+14.58
60.00' LT.

+55.00
60.00' LT.

+05.00
48.00' LT.

+97.6

A-1

S-100

S-102

S-102A

S-103

CR-11

DR. MARTIN LUTHER
KING JR. BLVD.
(S.R. 82)

BEGIN CONSTRUCTION
STA. 1009+89.29

BEGIN PROJECT
STA. 1010+16.84

11 12 13 14 15

1010 1011 1012 1013 1014 1015

62.00

0.025
(+60.00)

N 0° 45' 24" W

℄ SURVEY
ORTIZ AVE.

PGL LT.

+25.71
22.00' LT.

+25.71
2.00' RT.

26.00'

70.98'

N 1° 25' 49" W

+58.08
2.00' RT.

℄ CONST.
ORTIZ AVE.

CONST. TYPE E
CURB & GUTTER

EXIST. 36" RCP
(TO REMAIN)
(DESILT)

PGL RT.

7.5'R

90'R

+55.51
16.55' RT.

+86.37
22.00' RT.

0.006
(+50.00)

0.025
(+50.00)

26.00'

CONST. TYPE F
CURB & GUTTER

+10.00
55.27 RT.
EL.= 23.11

+00.00
63.27 RT.
EL.= 23.15

BEGIN CONST.
+89.29
80.08' RT.

+87.42
79.36' RT.

50'R

EXIST. 36" MES
(TO REMAIN)

+50.00
48.00 RT.
EL.= 22.99

+35.97
48.00 RT.
EL.= 23.03

+20.00
50.62 RT.
EL.= 23.08

6' CONC. S/W

S-101

CONST. 297' OF 18" RCP

S-104

CONST. 296' OF 18" RCP

EXIST. R/W

26.00'

100.98'

100' V.C.

BMI
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BMI"
184.5' RIGHT OF SURVEY BASELINE
STA. 10+64
ELEV. = 21.22'

BMI00
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BMI00"
135.2' RIGHT OF SURVEY BASELINE
STA. 11+32
ELEV. = 21.73'

23.28 +25.00 EL. 23.24 23.18 23.12 23.10 23.10 23.14 +25.00 EL. 23.75 23.05

24 20

PGL LT.

(-) 0.483%

(+) 0.301%

(+) 0.300%

PI +75.00
EL. 23.00

PI +89.00
EL. 23.86

PI +25.00
EL. 23.75

(+) 0.301%

(-) 0.300%

(+) 0.300%

(-) 0.300%

PGL LT. & RT.

PGL RT.

EXIST. GROUND
LINE (LT.)

EXIST. GROUND
LINE (RT.)

BEGIN PROJECT
BEGIN PGL RT.
STA. 1010+16.84
EL.=23.28

BEGIN PGL RT.
STA. 1010+60.00
EL.=23.17

23.32 23.33

22.47 22.59

1"=40' HORIZ.
1"=4' VERT.

1011+00 1012+00 1013+00 1014+00 1015+00

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# PLAN/PROFILE SHEET (1)
# ORTIZ AVENUE (CR 865)

**STA. 1010+00.00 TO STA. 1015+60.00**

SHEET NO.
38

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LIMITS OF MILLING AND RESURFACING

CONST. 18" RCP

CONST. 255' OF 18" RCP

EXIST. R/W

CONST. 83' OF 18" RCP

CONST. 69' OF 14"x23" ERCP

1" = 40'

S-106 S-108 S-109 S-110 S-112 S-113 S-200

A-1

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

+03.2 +2.5 +90.2

CONST. 216' OF 14"x23" ERCP

℄ SURVEY ORTIZ AVE.

16 17 18 19 20 21

N 0° 45' 24" W

PGL LT.

+31.04 22.00' LT.

+82.54 10.90' LT.

CONST. TYPE E CURB & GUTTER

℄ CONST. ORTIZ AVE.

1016 1017 1018 1019 1020 1021

GRATE ELEV.=21.01'

18" RCP #2

125'R 110'R 5'R 110'R

N 1° 25' 49" W

N 0° 40' 49" W

+80.99 1.00' LT.

+72.03 1.00' LT.

+80.88 1.36' LT.

PI +83.11

CONST. 95' OF 18" RCP

CONST. TYPE E CURB & GUTTER

60'R

+80.99 22.00' RT.

PGL RT.

CONST. TYPE F CURB & GUTTER

CONST. 147' OF 24" RCP

6' CONC. S/W

+72.10 67.50' RT.

CONST. 18" RCP

20 W 16 W 21.5 +47.8

+78.76 71.50' RT.

CONST. 6' TYPE B FENCE

CONST. 54' OF 30" RCP

EXIST. R/W

EXIST. R/W

PROPOSED R/W

PROPOSED R/W

20.5 19.0 17.0 9.0

POND 1
(SEE POND 1 DETAIL SHEET)

70.98' 26.00' 100.5' 26.00' 40.00' 26.00' 49.00' 97.83'

BM2
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM2"
48.5' LEFT OF SURVEY BASELINE
STA. 20+34
ELEV. = 21.14'

PI +25.00 EL. 23.30

PGL LT. & RT.

(+) 0.300% (-) 0.300% (+) 0.300% (-) 0.300%

PI +50.00 EL. 22.48

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

23.05 23.02 22.47 22.59 21.11 22.35

24 20

1016+00 1017+00 1018+00 1019+00 1020+00 1021+00

1"=40' HORIZ.
1"=4' VERT.

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# PLAN/PROFILE SHEET (2)
## ORTIZ AVENUE (CR 865)
### STA. 1015+60.00 TO STA. 1021+20.00

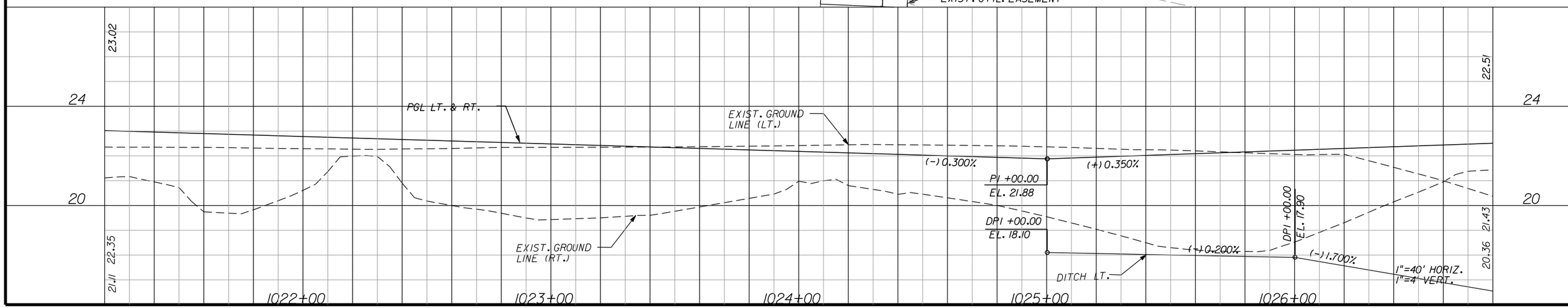
SHEET NO. 39


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CURVE CLCONST-1
PI STA. = 1024+32.60
DELTA = 7° 46' 09" (LT)
D = 1° 30' 00"
T = 259.37
L = 517.95
R = 3,819.72
PC STA. = 1021+73.22
PRC STA. = 1026+91.17
e = NC

1" = 40'

END C & G +64.14 69.50' LT. EL. 21.80
BEGIN C & G +00.14 96.87' LT. EL. 21.35
2' PAVED SHLDR.
℄ IMMOKALEE RD.
N 57° 58' 35" W
EXIST. 19x30" RCP (TO REMAIN)
EXIST. R/W
EXIST. R/W
+31.85 48.00' LT. 35'R
CONST. 14" x 23" ERCP
CONST. 195' OF 18" RCP
CR-20
S-200
S-114
A-1
S-202
SECTION 21
SECTION 16
+43.01 87.50' LT.
PROPOSED DRAINAGE EASEMENT
+01.69 67.50' LT.
PROPOSED R/W
24 FM
16 W
6' CONC. S/W
S-204
S-206
CONST. 95' OF 18" RCP
CONST. TYPE E CURB & GUTTER
+33.06 48.00' LT.
℄ SURVEY ORTIZ AVE.
N 0° 45' 24" W
CONST. TYPE F CURB & GUTTER
PI STA. 24+40.55
90° 33' 32"
+93.33 22.00' LT.
N 1° 15' 29" W
CLCONST-1
℄ CONST. ORTIZ AVE.
110'R
60'R
PGL LT.
PC +73.22
0° 40' 49" W
+95.32 1.27' RT.
+03.33 1.00' RT.
+93.35 1.00' RT.
110'R
5'R
275'R
110'R
+94.35 11.07' RT.
PGL RT.
+73.55 22.00' RT.
CONST. 95' OF 18" RCP
CONST. TYPE E CURB & GUTTER
PGL RT.
EXIST. R/W
S-205
CONST. 149' OF 36" RCP
6' CONC. S/W
CONST. 68' OF 36" RCP
CONST. 47' OF 36" RCP
CONST. 19' OF 36" RCP
PROPOSED R/W
STA. 604+00.00 ℄ IMMOKALEE RD. = STA. 1021+47.01 ℄ CONST. ORTIZ AVE.
S-201
CONST. 108' OF 18" RCP
S-202A
S-203
+20.6
G-4
CONST. TYPE F CURB & GUTTER
+10.58 67.50' RT.
1:3
25'
1:3
1:3
EASEMENT
EXIST. UTIL. EASEMENT
40.00'
97.83'
26.00'
26.00'
26.00'
26.00'
67.50'
67.50'




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PUBLIC WORKS
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SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
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# PLAN/PROFILE SHEET (3)
# ORTIZ AVENUE (CR 865)
## STA. 1021+20.00 TO STA. 1026+80.00

SHEET NO. 40


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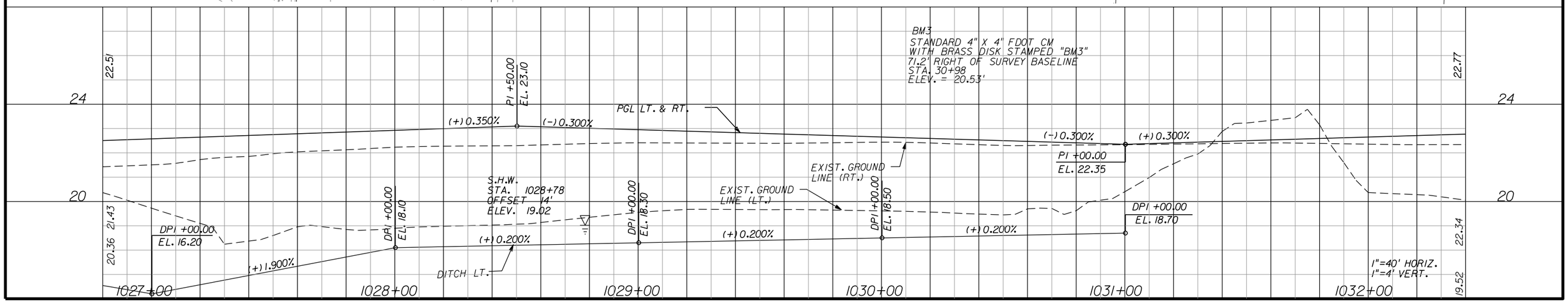
SEE MEDIAN OPENING DETAIL "A" FOR MORE INFORMATION.

1" = 40'

+85.11 97.50' LT.
+85.12 87.50' LT.
+14.57 97.50' LT.
+14.64 87.50' LT.
S-208
24 FM
16 W
CONST. 116' OF 2-24" RCP
6' CONC. S/W
+91.17 48.00' LT.
CONST. TYPE E CURB & GUTTER
PRC +91.17
1027
CLCONST-1
1028
28
+99.09 22.00' LT.
5.5'R
1029
CLCONST-2
29
+75.48 1.00' RT.
CONST. TYPE E CURB & GUTTER
1030
30
+35.59 1.00' RT.
PGL LT.
PROPOSED DRAINAGE EASEMENT
PROPOSED R/W
+00.69 87.50' LT.
CONST. TYPE F CURB & GUTTER
S-214
CONST. 95' OF 18" RCP
+30.35 80.04' LT.
+30.45 73.52' LT.
END C & G +46.34 73.59' LT.
SAWCUT
BEGIN C & G +85.80 77.96' LT.
+95.79 80.04' LT.
+95.80 78.04' LT.
TIE TO EXIST. TYPE D CURB
25'R
15'R
CR-20
+21.34 48.00' LT.
+36.19 22.00' LT.
+85.92 48.00' LT.
CONST. 396' OF 24" RCP
1031
EXIST. R/W
℄ CONST. ORTIZ AVE.
1032
PT +02.12
N 1° 15' 29" W
℄ SURVEY ORTIZ AVE.
31
32
67.50'
26.00'
23.00'
55.00'
40.00'
15.03'
+83.22 22.00' RT.
+37.25 22.00' RT.
+49.25 48.00' RT.
+46.88 48.00' RT.
75'R
35'R
S-207
S-209
S-213
S-210
S-215
6' CONC. S/W
CONST. 36" RCP
PROPOSED R/W
END C & G +80.55 66.00' RT.
CONST. 110' OF 24" RCP
CONST. TYPE F CURB & GUTTER
CONST. 158' OF 18" RCP
+30.58 48.00' RT.
+02.12 67.50' RT.
+02.25 82.50' RT.
EXIST. R/W
PROPOSED DRAINAGE/SLOPE EASEMENT
+37.01 82.50' RT.
+37.12 94.40' RT.
BEGIN C & G +15.57 65.99' RT.
END CONST. +10.92 80.66' RT.
+85.92 78.92' RT.
CONST. 129' OF 24" RCP
HIGH COTTON LN.

CURVE CLCONST-1
PI STA. = 1024+32.60
DELTA = 7° 46' 09" (LT)
D = 1° 30' 00"
T = 259.37
L = 517.95
R = 3,819.72
PC STA. = 1021+73.22
PRC STA. = 1026+91.17
e = NC

CURVE CLCONST-2
PI STA. = 1028+96.92
DELTA = 7° 11' 30" (RT)
D = 1° 45' 00"
T = 205.74
L = 410.95
R = 3,274.04
PC STA. = 1026+91.17
PT STA. = 1031+02.12
e = NC




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# PLAN/PROFILE SHEET (4)
# ORTIZ AVENUE (CR 865)
## STA. 1026+80.00 TO STA. 1032+40.00

SHEET NO. 41

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1" = 40'

+32.07
67.50' LT.

PROPOSED R/W

24 FM

CONST. 121' OF 30" RCP

6' CONC. S/W

CONST. 242' OF 36" RCP

CR-11

CR-11

℄ LAREDO AVE.

N 88° 44' 25" E

STA. 200+00.00
℄ LAREDO AVE. =
STA. 1037+95.19
℄ CONST. ORTIZ AVE.

75'R

CONST. 24" RCP

CONST. TYPE F
CURB & GUTTER

S-217

CONST. 107' OF 24" RCP

S-221

CONST. 107' OF 18" RCP

PGL LT.

+90.78
22.00' LT.

26.00'

55.00'

CONST. TYPE E
CURB & GUTTER

EXIST. R/W

1033 1034 1035 ℄ CONST. ORTIZ AVE. 1036 1037 1038

5'R

N 1° 15' 29" W

+87.00
22.00' RT.

+87.00
1.00' LT.

PI +62.98
N 1° 14' 53" W

40.00'

CONST. TYPE E
CURB & GUTTER

33 34 35 PGL RT. 36 37 38

PI +62.98
N 1° 14' 53" W

N 1° 15' 29" W

℄ SURVEY
ORTIZ AVE.

26.00'

26.00'

61.00'

100'R

CR-20

+24.66
48.00' RT.

+74.66
60.00' RT.

+72.00
60.00' RT.

S-216

CONST. TYPE F
CURB & GUTTER

+17.09
60.00' RT.

CR-11

CR-20

+89.68
81.62' RT.

35'R

35'R

S-215A

EXIST. R/W

6' CONC. S/W

+79.9

S-220

EASEMENT

CR-11

+65.55
84.38' RT.

KIM
LANE

BEGIN C & G
+89.34
90.40' RT.

PROPOSED R/W

CONST. 226' OF 18" RCP

EXIST. INLET
(TO REMAIN)

S-218

S-219

G-4

+17.09
77.50' RT.

CR-11

END C & G
+65.35
89.46' RT.

+07.18
77.50' RT.

FOR ALL INTERSECTION STATIONING
AND OFFSETS, SEE LAREDO AVE.
INTERSECTION DETAIL (5).

CONST. 71' OF 18" RCP

+63.67
103.24' RT.

LAREDO AVE.

+65.53
91.47' RT.

CONST. 43'
OF 18" RCP

END CONST.
+89.31
92.40' RT.

+06.82
94.40' RT.

EXIST. 12"x18" RCP
(PARTIAL-TO REMAIN)

℄ LAREDO AVE.
(WEST SIDE)
+95.19

22.77

PI +50.00
EL. 23.10

24

(+) 0.300%

(-) 0.310%

PGL LT. & RT.

(-) 0.310%

(+) 0.300%

22.77

24

EXIST. GROUND
LINE (RT.)

EXIST. GROUND
LINE (LT.)

PI +25.00
EL. 22.25

20

20

22.34

22.02

19.52

19.06

1"=40' HORIZ.
1"=4' VERT.

1033+00 1034+00 1035+00 1036+00 1037+00 1038+00

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FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottile.htm


# PLAN/PROFILE SHEET (5)
## ORTIZ AVENUE (CR 865)
### STA. 1032+40.00 TO STA. 1038+00.00

SHEET NO. 42

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CONST. 14"x23" ERCP

S-241

CONST. 58' OF 24" RCP

S-226

PROPOSED UTILITY EASEMENT

+27.92
88.50' LT.

+77.92
77.74' LT.

+27.92
78.50' LT.

+77.92
67.50' LT.

CR-11

CR-11

CONST. 6' OF 24" RCP

24 FM

6' CONC. S/W

S-228A

PROPOSED R/W

CONST. 36" RCP

S-223

S-225

CONST. 377' OF 42" RCP

+25.80
60.00' LT.

+75.80
48.00' LT.

CONST. TYPE F
CURB & GUTTER

CONST. 14' OF 18" RCP

24 FM

100'R

STA. 200+00.00
℄ LAREDO AVE. =
STA. 1038+03.30
℄ CONST. ORTIZ AVE.

61.00'

CONST. 125' OF 30" RCP

S-228

CONST. 147'
OF 36" RCP

26.00'

+44.14
22.00' LT.

PGL LT.

CONST. 107'
OF 42" RCP

CONST. TYPE E
CURB & GUTTER

EXIST. R/W

1038 1039 1040 1041 1042 1043

℄ CONST.
ORTIZ AVE.

4'R

75'R

75'R

100'R

N 1° 14' 53" W

+44.11
1.00' RT.

PGL RT.

38 39 40 41 42 43

+00.67
22.00' RT.

℄ SURVEY
ORTIZ AVE.

N 1° 14' 53" W

CONST. 37'
OF 42" RCP

26.00'

S-222

CONST. TYPE F
CURB & GUTTER

S-242

CR-11

6' CONC. S/W

℄ LAREDO AVE.
N 88° 07' 00" E

20'

+56.13
67.50' RT.

16 W

EL. 16.6

EL. 19.0

1:4

1:4

EASEMENT

EXIST. R/W

+20.00
77.50' RT.

S-224

STA. 200+27.50
℄ LAREDO AVE. =
STA. 38+03.12
℄ SURVEY ORTIZ AVE.

+20.00
92.50' RT.

S-243

+25.68
97.76' RT.

PROPOSED DRAIN. EASEMENT

CONST. 29' OF 48" RCP

CONST. 302' OF 48" RCP

PROPOSED R/W

FOR ALL INTERSECTION STATIONING
AND OFFSETS, SEE LAREDO AVE.
INTERSECTION DETAIL (5)

55.00'
40.00'
40.00'
26.00'
26.00'

1" = 40'

TO POND 2, SEE POND DETAIL SHEET

℄ LAREDO AVE.
(EAST SIDE)
+03.30

BM4
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM4"
81.1' RIGHT OF SURVEY BASELINE
STA. 40+32
ELEV. = 19.72'

PI +00.00
EL. 23.67

22.77

22.82

24

PGL LT. & RT.

(+) 0.300%

(-) 0.328%

EXIST. GROUND
LINE (RT.)

EXIST. GROUND
LINE (LT.)

20

22.02

19.06

S.H.W.
STA. 1041+00
OFFSET 11'
ELEV. 18.53

22.26

19.43

1"=40' HORIZ.
1"=4' VERT.

1038+00 1039+00 1040+00 1041+00 1042+00 1043+00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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FORT MYERS, FLORIDA 33901


# PLAN/PROFILE SHEET (6)
# ORTIZ AVENUE (CR 865)
## STA. 1038+00.00 TO STA. 1043+60.00

SHEET NO.
43

1" = 40'

CONST. 82' OF 18" RCP

PROPOSED R/W

A-1 +67.13

S-233 G-4 +78.11

S-230 S-234

CONST. 221' OF 36" RCP

6' CONC. S/W

CONST. 14' OF 18" RCP

24 FM

CONST. 36" RCP

CONST. 95' OF 18" RCP

CONST. TYPE F CURB & GUTTER

S-232

CONST. 95' OF 24" RCP

CONST. TYPE E CURB & GUTTER

PGL LT.

EXIST. R/W

1044 1045 1046 1047 1048 1049

+35.52 1.00' LT.

N 1° 14' 53" W

℄ CONST. ORTIZ AVE.

+35.52 22.00' RT.

CONST. TYPE E CURB & GUTTER

44 45 46 47 48 49

PGL RT.

℄ SURVEY ORTIZ AVE.

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

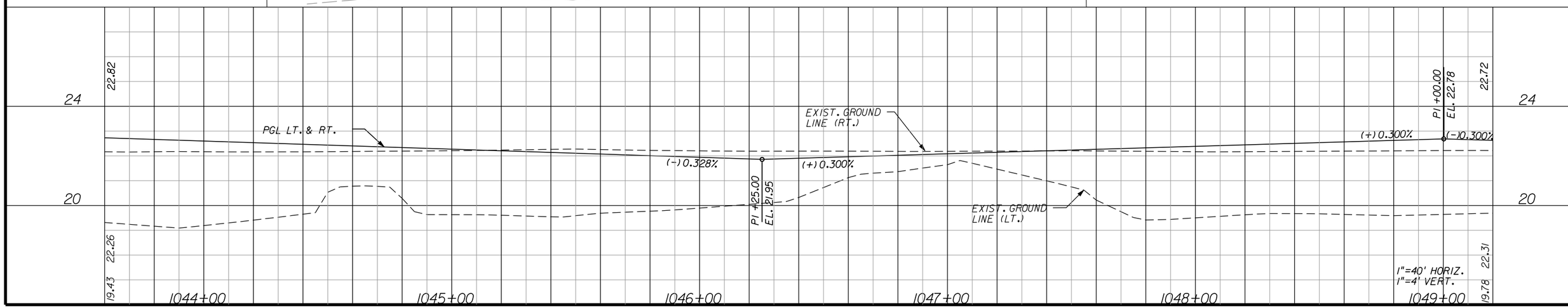
S-229 S-231

16 W

EXIST. R/W

+24.48 77.50' RT.

55.00' 26.00' 40.00' 40.00' 26.00' 55.00' 26.00' 12.50' 49.00' 40.00'




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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apeters

# PLAN/PROFILE SHEET (7)
# ORTIZ AVENUE (CR 865)
## STA. 1043+60.00 TO STA. 1049+20.00

SHEET NO. 44

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SEE MEDIAN OPENING DETAIL "B" FOR MORE INFORMATION.

1" = 40'

E. MICHIGAN AVE.

END CONST. +93.95 115.35' LT.

+75.02 115.24' LT.

+15.59 94.81' LT.

END C & G +70.85 95.18' LT.

BEGIN C & G +96.37 95.34' LT.

+31.24 79.00' LT.

+16.24 79.00' LT.

+54.22 78.99' LT.

R/W EASEMENT

PROPOSED R/W

+42.73 67.50' LT.

+31.36 60.00' LT.

+16.24 67.50' LT.

+39.92 48.00' LT.

PROPOSED R/W

6' CONC. S/W

CONST. 175' OF 30" RCP

CONST. TYPE F CURB & GUTTER

S-301

S-303

S-303A

CONST. 166' OF 24" RCP

+66.24 60.00' LT.

CONST. 119' OF 30" RCP

+16.24 48.00' LT.

+09.21 22.00' LT.

+37.68 16.38' LT.

+27.81 22.00' LT.

PGL LT.

EXIST. R/W

CONST. TYPE E CURB & GUTTER

1050

1051

1052

1053

1054

PI +85.01

+29.48 6.71' RT.

+58.18 1.00' RT.

℄ CONST. ORTIZ AVE.

N 1° 14' 53" W

N 2° 09' 41" W

+07.98 1.00' LT.

+37.77 7.17' LT.

+27.81 1.00' RT.

+59.01 22.00' RT.

CONST. TYPE E CURB & GUTTER

PGL RT.

50

51

52

53

54

+29.43 15.92' RT.

+32.57 22.00' RT.

N 1° 14' 53" W

N 2° 09' 41" W

CONST. 95' OF 18" RCP

CONST. TYPE F CURB & GUTTER

PI+85.23

+30.13 48.00' RT.

CONST. 107' OF 24" RCP

℄ SURVEY ORTIZ AVE.

CONST. TYPE F CURB & GUTTER

S-300

S-302

CR-20

6' CONC. S/W

CONST. GRAVITY WALL

+37.45 48.00' RT.

EXIST. R/W

SD-3

END GRAVITY WALL +40.00, 57.66' RT.

A-1

+51.12

END C & G +72.45 82.85' RT.

BEGIN C & G +95.13 82.59' RT.

CONST. 64' OF 14x23" ERCP

BEGIN GRAVITY WALL +00.00, 56.66' RT.

EXIST. SIDE DRAIN (TO REMAIN)

BEGIN GRAVITY WALL +62.43, 57.66' RT.

END CONST. +74.89 100.19' RT.

+92.61 99.98' RT.

55.00'

26.00'

12.50'

49.00'

40.00'

56.50'

11.00'

BM5
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM5"
99.4' RIGHT OF SURVEY BASELINE
STA. 50+39
ELEV. = 20.17'

EXIST. GROUND LINE (RT.)

PGL LT. & RT.

(-) 0.300%

(+) 0.300%

PI +00.00
EL. 21.88

EXIST. GROUND LINE (LT.)

22.72

22.31

19.78

9.69

22.27

1"=40' HORIZ.
1"=4' VERT.

1050+00 1051+00 1052+00 1053+00 1054+00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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DEPARTMENT of TRANSPORTATION
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# PLAN/PROFILE SHEET (8)
# ORTIZ AVENUE (CR 865)

**STA. 1049+20.00 TO STA. 1054+80.00**

SHEET NO. 45

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SEE MEDIAN OPENING DETAIL "B" FOR MORE INFORMATION.

CURVE CLCONST-3
PI STA. = 1062+19.54
DELTA = 8° 41' 20" (RT)
D = 2° 00' 00"
T = 217.64
L = 434.45
R = 2,864.79
PC STA. = 1060+01.90
PRC STA. = 1064+36.35
SUPER = NC

N 1" = 40'

CONST. 30" RCP
PROPOSED R/W
+04.44 24.08' LT.
EXISTING UTILITY EASEMENT
S-305
S-307
S-309
CONST. 173' OF 36" RCP
+04.30 20.57' LT.
CONST. TYPE E CURB & GUTTER
CONST. 297' OF 30" RCP
CONST. TYPE F CURB & GUTTER
6' CONC. S/W
CONST. 95' OF 18" RCP
CONST. 122' OF 36" RCP
+47.59 22.00' LT.
PGL LT.
+80.00 22.00' LT.
EXIST. R/W
+80.00 1.00' RT.
CLCONST-3
℄ CONST. ORTIZ AVE.
N 2° 09' 41" W
+70.00 1.00' LT.
PC +01.90
+22.55 1.00' RT.
CONST. TYPE E CURB & GUTTER
+70.00 22.00' RT.
+84.88 22.00' RT.
CONST. 95' OF 18" RCP
℄ SURVEY ORTIZ AVE.
CONST. TYPE F CURB & GUTTER
S-308
PGL RT.
S-304
S-306
6' CONC. S/W
CONST. GRAVITY WALL
END GRAVITY WALL +10.00, 56.66' RT.
+41.3
A-1
EXIST. SIDE DRAIN (TO REMAIN)
EXIST. R/W
EXIST. 24" CPP (TO REMAIN)
+01.57
A-1

1055 1056 1057 1058 1059 1060
55 56 57 58 59 60

56.50' 26.00' 11.00' 40.00' 26.00' 54.40' 26.00' 13.12' 49.00' 40.00'

24 FM
16 W
BTV
OE
OHP
OHT

## PROFILE

24
20

22.72 22.27 19.69 22.32 22.18 19.84

PGL LT. & RT.
(+) 0.300%
(-) 0.341%
PI +00.00 EL. 23.08
PI +25.00 EL. 21.97
EXIST. GROUND LINE (RT.)
EXIST. GROUND LINE (LT.)
S.H.W. STA. 1058+00 OFFSET 8' ELEV. 18.40

1055+00 1056+00 1057+00 1058+00 1059+00 1060+00

1"=40' HORIZ.
1"=4' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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# PLAN/PROFILE SHEET (9)
# ORTIZ AVENUE (CR 865)
## STA. 1054+80.00 TO STA. 1060+40.00

SHEET NO. 46


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FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE BALLARD RD. INTERSECTION DETAIL (I).

1" = 40'

CONST. 43' OF 24" RCP
+14.36
94.96' LT.

CONST 48" RCP

+92.19
95.52' LT.
+03.24
89.99' LT.

CONST. 63' OF 42" RCP
+45.00
89.50' LT.
+45.00
79.50' LT.

END CONST.
+56.14
77.00' LT.

BEGIN C & G
+87.45
77.00' LT.

+43.16
79.00' LT.
+43.33
67.50' LT.

+70.00
78.00' LT.
+70.00
67.50' LT.

+10.00
78.00' LT.

+10.13
67.50' LT.

+90.00
67.50' LT.

PROPOSED R/W

CONST. 2' OF 24" RCP

CONST. 101' OF 24" RCP

CONST. 85' OF 42" RCP

6' CONC. S/W

EXIST. R/W

CONST. 36" RCP

CONST. 149' OF 36" RCP

CONST. TYPE F
CURB & GUTTER

CONST. 95' OF 18" RCP

CONST. TYPE E
CURB & GUTTER

CONST. 59'
OF 48" RCP

STA. 300+00.00
℄ BALLARD RD. =
STA. 1063+64.14
℄ CONST. ORTIZ AVE.

CONST. TYPE F
CURB & GUTTER

+31.50
60.00' LT.

CONST. 60' OF 18" RCP

CONST. 107' OF 42" RCP

N 4° 43' 00" W
℄ SURVEY
ORTIZ AVE.

+58.13
22.00' LT.

STA. 300+00.00
℄ BALLARD RD. =
STA. 1063+52.71
℄ CONST. ORTIZ AVE.

℄ CONST.
ORTIZ AVE.

+82.42
1.00' LT.

PGL LT.

+38.65
1.00' RT.

CONST. 136'
OF 18" RCP

PRC +36.35

CONST. TYPE E
CURB & GUTTER

CLCONST-3

CONST. 109' OF 24" RCP

PGL RT.

N 2° 09' 41" W

STA. 300+06.04
℄ BALLARD RD. =
STA. 63+52.46
℄ SURVEY ORTIZ AVE.

END GRAVITY WALL
+95.47, 56.66' RT.

CONST. TYPE F
CURB & GUTTER

+54.89
22.00' RT.

CONST. TYPE F
CURB & GUTTER

+60.23
48.00' RT.

CONST. 242'
OF 42" RCP

+69.48
48.00' RT.

CONST. 235'
OF 24" RCP

6' CONC. S/W

EXIST. R/W

BEGIN GRAVITY WALL
+70.00, 56.67' RT.

EXIST. RCP, CMP
& INLETS
(TO REMAIN)

+06.88
59.76' RT.

PROPOSED R/W

+77.57
67.50' RT.

+84.55
74.05' RT.

+26.62
67.50' RT.

+53.44
67.50' RT.

+43.12
79.04' RT.

BEGIN C & G
+26.68
85.57' RT.

END C & G
+03.73
87.66' RT.

END CONST.
+07.72
125.47' RT.

+26.40
123.76' RT.

BEGIN GRAVITY WALL
+32.65, 57.67' RT.

CONST. 111' OF GRAVITY
WALL W/HANDRAIL

+29.78
77.27' RT.

END GRAVITY WALL
+36.02, 88.70' RT.

+36.67
88.47' RT.

EXIST. RCP
(TO REMAIN)

EXIST. FLUMES
(TO REMAIN)

CONST. 58'
OF 30" RCP

+01.21
99.39' RT.

CONST. 30" RCP

CONST. TYPE F
CURB & GUTTER

CURVE CLCONST-3
PI STA. = 1062+19.54
DELTA = 8° 41' 20" (RT)
D = 2° 00' 00"
T = 217.64
L = 434.45
R = 2,864.79
PC STA. = 1060+01.90
PRC STA. = 1064+36.35
e = NC

CURVE CLCONST-4
PI STA. = 1067+72.94
DELTA = 18° 21' 14" (LT)
D = 2° 45' 00"
T = 336.59
L = 667.41
R = 2,083.48
PRC STA. = 1064+36.35
PRC STA. = 1071+03.76
e = NC

℄ BALLARD RD.
(EAST SIDE)
+52.71

℄ BALLARD RD.
(WEST SIDE)
+64.01

BM6
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM6"
58.8' RIGHT OF SURVEY BASELINE
STA. 60+74
ELEV. = 20.89'

PI +00.00
EL. 23.10

PGL LT. & RT.

(+) 0.300%

(-) 0.300%

EXIST. GROUND
LINE (RT.)

EXIST. GROUND
LINE (LT.)

1"=40' HORIZ.
1"=4' VERT.

1061+00 1062+00 1063+00 1064+00 1065+00 1066+00

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# PLAN/PROFILE SHEET (10)
## ORTIZ AVENUE (CR 865)
### STA. 1060+40.00 TO STA. 1066+00.00

SHEET NO. 47

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SEE MEDIAN OPENING DETAIL "C" FOR MORE INFORMATION.

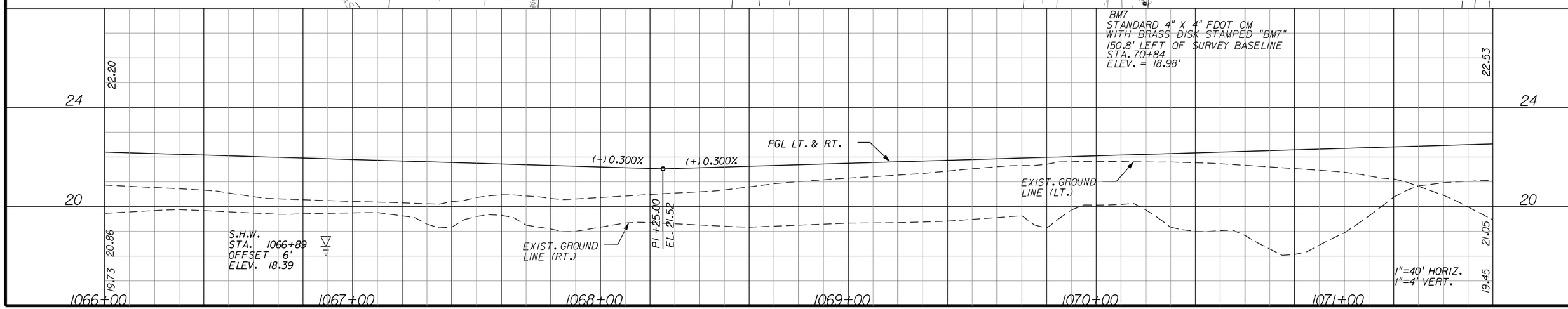
CURVE CLCONST-4
PI STA. = 1067+72.94
DELTA = 18° 21' 14" (LT)
D = 2° 45' 00"
T = 336.59
L = 667.41
R = 2,083.48
PRC STA. = 1064+36.35
PRC STA. = 1071+03.76
e = NC

CURVE CLCONST-5
PI STA. = 1073+04.70
DELTA = 11° 01' 04" (RT)
D = 2° 45' 00"
T = 200.94
L = 400.65
R = 2,083.48
PRC STA. = 1071+03.76
PT STA. = 1075+04.41
e = NC

N 1" = 40'

PROPOSED R/W
+46.80 79.50' LT.
CR-20
25'R
EXIST. R/W
S-324
12 W
30 FM
+12.10 60.00' LT.
40.00'
14'X8' CONC. BUS PAD (4" THICK)
BEGIN GRAVITY WALL +52.47, 63.98' LT.
+02.24 60.00' LT.
+68.97 64.00' LT.
+77.07 71.94' LT.
PROPOSED SLOPE EASEMENT
PROPOSED R/W
+03.46 67.50' LT.
+09.84 67.50' LT.
S-328
END GRAVITY WALL +71.04, 63.97' LT.
+54.53 64.00' LT.
6' CONC. S/W
CONST. TYPE F CURB & GUTTER
26.00'
67.50'
66
PI +89.06
67
68
69
70
71
℄ SURVEY ORTIZ AVE.
N 4° 43' 00" W
N 1° 30' 49" W
N 0° 48' 30" W
S-326
+53.61 48.00' LT.
75'R
PI +99.04
+15.63 1.00' LT.
+53.85 22.00' LT.
+08.03 22.00' LT.
+88.80 22.00' LT.
2700'R
CLCONST-5
1066
1067
1068
1069
1070
1071
PGL LT.
+66.00 22.00' LT.
PGL LT.
+67.34 1.00' RT.
CLCONST-4
PRC +03.76
+49.59 22.00' RT.
+48.59 1.00' LT.
℄ CONST. ORTIZ AVE.
CONST. TYPE E CURB & GUTTER
+64.59 1.00' RT.
67.54'
26.00'
CONST. TYPE F CURB & GUTTER
26.00'
CONST. 107' OF 24" RCP
+91.90 22.00' RT.
+75.56 22.00' RT.
CONST. TYPE E CURB & GUTTER
+29.87 22.00' RT.
CONST. 107' OF 18" RCP
EXIST. R/W
59.89'
38.00'
S-323
+08.78 48.00' RT.
CONST. 114' OF 24" RCP
CONST. 125' OF 36" RCP
6' CONC. S/W
35'R
CR-11
S-325
+98.76 60.00' RT.
CONST. TYPE F CURB & GUTTER
S-701
+48.16 60.00' RT.
CR-20
CONST. 223' OF 24" RCP
+38.85 60.00' RT.
S-327
CONST. 150' OF 24" RCP
CONST. TYPE F CURB & GUTTER
CONST. 42" RCP
S-700
PROPOSED R/W
+08.78 67.50' RT.
6' CONC. S/W
PROPOSED R/W
18.48'
+26.27 85.77' RT.
+42.44 83.26' RT.
END C & G +42.30 92.29' RT.
+44.66 119.80' RT.
N. GALAXY DR.
35'R
+91.25 79.49' RT.
PROPOSED R/W
+83.87 86.92' RT.
+59.47 79.55' RT.
BEGIN C & G +65.29 93.79' RT.
CONST. 204' OF 18" RCP
END CONST. +62.06 120.18' RT.
+01.04 79.55' RT.
+63.19 79.48' RT.
35'R
+71.54 89.33' RT.
END C & G +81.38 99.01' RT.
+81.66 122.67' RT.
MARS ST.
35'R
+30.47 79.50' RT.
+20.16 88.85' RT.
+05.68 90.03' RT.
BEGIN C & G +04.13 102.07' RT.
EXIST. 18" RCP (TO REAMIN)
END CONST. +99.28 125.17' RT.
PROPOSED R/W
CONST. 301' OF 18" RCP

BM7
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM7"
150.8' LEFT OF SURVEY BASELINE
STA. 70+84
ELEV. = 18.98'




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
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SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


# PLAN/PROFILE SHEET (11)
# ORTIZ AVENUE (CR 865)
## STA. 1066+00.00 TO STA. 1071+60.00

SHEET NO. 48

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FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE LUCKETT RD. INTERSECTION DETAIL (2).

1" = 40'

14'X8' CONC. BUS PAD (4" THICK)

BEGIN GRAVITY WALL +74.06, 65.17' LT.

+50.00 75.86' LT.

PROPOSED SLOPE EASEMENT

END GRAVITY WALL +91.52, 65.43' LT.

+89.58 65.40' LT.

PROPOSED R/W

+70.00 65.20' LT.

30 FM 6' CONC. S/W

CONST. 304' OF 24" RCP

CONST. TYPE F CURB & GUTTER

+52.60 27.01' LT.

+29.88 24.09' LT.

CONST. 108' OF 24" RCP

CONST. TYPE E CURB & GUTTER

PGL LT.

2700'R

+70.79 1.00' LT.

+33.68 1.00' RT.

℄ CONST. ORTIZ AVE.

+87.16 3.25' LT.

CONST. 6" CONC. S/W

+16.53 9.12' RT.

PGL RT.

℄ SURVEY ORTIZ AVE.

N 0° 48' 30" W

+63.86 22.00' RT.

CONST. TYPE F CURB & GUTTER

CONST. 24" RCP

+69.83 60.00' RT.

CONST. 165' OF 18" RCP

CONST. 190' OF 18" RCP

6' CONC. S/W

PROPOSED R/W

CONST. 18" RCP

+70.78 79.50' RT.

+91.60 101.41' RT.

35'R

+06.36 98.46' RT.

END C & G +07.17 129.44' RT.

BEGIN C & G +31.39 100.26' RT.

END CONST. +26.47 130.88' RT.

EXIST. PIPE & ENDWALL (TO REMAIN)

EXIST. PIPE (TO REMAIN)

JUPITER RD.

+68.54 60.00' RT.

CONST. 101' OF 18" RCP

CONST. TYPE F CURB & GUTTER

+87.56 60.00' RT. EL. 22.16

6' CONC. S/W

EXIST. R/W

+31.86 92.77' RT.

+67.43 79.50' RT.

+45.26 79.50' RT.

+44.48 100.02' RT.

CONST. 96' OF 18" RCP

+82.25 86.40' RT.

CONST. 24" RCP

PROPOSED R/W

CONST. 104' OF 18" RCP

CURVE CLCONST-5
PI STA. = 1073+04.70
DELTA = 11° 01' 04" (RT)
D = 2° 45' 00"
T = 200.94
L = 400.65
R = 2,083.48
PRC STA. = 1071+03.76
PT STA. = 1075+04.41
e = NC

+69.84 105.48' LT.

+42.96 82.61' LT.

+33.94 74.94' LT.

LUCKETT RD.

PRC +31.76

STA. 400+00.00 ℄ LUCKETT RD. = STA. 1075+96.94 ℄ CONST. ORTIZ AVE.

PT +88.03 30.00' LT.

100'R

N 0° 48' 30" W

110'R

PT +04.41

115'R

STA. 400+32.92 ℄ LUCKETT RD. = STA. 75+85.66 ℄ SURVEY ORTIZ AVE.

EL. 21.68

LUCKETT-2

SECTION 9 / SECTION 10

CONST. TYPE F CURB & GUTTER

100' R

CONST. TYPE E CURB & GUTTER

STA. 76+40.96

6' CONC. S/W

EXIST. R/W

CONST. TYPE 4 CONC. TRAFFIC SEPARATOR

℄ FRONTAGE RD.

S-330 S-329 S-702 S-331 S-703 S-704 S-332 S-333 S-3

CR-20 CR-3 CR-11 CR-3

CLCONST-5

1072 1073 1074 1075 1076 1077

67.50' 26.00' 59.89' 38.00' 18.48' 75.50' 61.00' 26.00' 35.00'

## PROFILE

22.53 21.05 19.45 22.20 20.85 19.23

24 20

PGL LT. & RT.

(+) 0.300%

(-) 0.391%

PI +30.00 EL. 23.34

℄ LUCKETT RD. (EAST SIDE) +17.96

℄ LUCKETT RD. (WEST SIDE) +25.46

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

S.H.W. STA. 1072+50 OFFSET 32' ELEV. 17.24

1072+00 1073+00 1074+00 1075+00 1076+00 1077+00

1"=40' HORIZ.
1"=4' VERT.

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# PLAN/PROFILE SHEET (12)
## ORTIZ AVENUE (CR 865)
### STA. 1071+60.00 TO STA. 1077+20.00

SHEET NO. 49

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1" = 40'

+45.99
119.95' LT.

END CONST.
+64.15
120.05' LT.

END CONST.
+34.89
110.05' LT.

+52.76
109.94' LT.

END C & G
+43.78
91.32' LT.

BEGIN C & G
+67.78
91.55' LT.

END C & G
+31.81
88.40' LT.

BEGIN C & G
+85.81
88.36' LT.

+30.29
94.00' LT.

+80.28
95.00' LT.

+20.31
90.12' LT.

+11.78
75.50' LT.

+99.79
75.50' LT.

+98.71
75.50' LT.

HUNTERS GREEN DR.

NOTTINGHAM DR.

PROPOSED R/W

PROPOSED R/W

CONST. TYPE F CURB & GUTTER

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

6' CONC. S/W

S-401

CR-20

S-403

CR-20

+02.79
56.00' LT.

+08.78
56.00' LT.

CONST. 292' OF 18" RCP

+96.19
53.46' LT.

CONST. 257' OF 18" RCP

CONST. 101' OF 18" RCP

CONST. 103' OF 18" RCP

PGL LT.

EXIST. R/W

+86.49
27.63' LT.

+86.30
5.00' RT.

1078

1079

1080

1081

1082

℄ CONST. ORTIZ AVE.

N 0° 48' 30" W

CONST. TYPE E CURB & GUTTER

PGL RT.

78

79

80

81

82

℄ SURVEY ORTIZ AVE.

+24.08
22.00' RT.

+80.42
22.00' RT.

N 0° 48' 30" W

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

S-400

+02.82
48.00' RT.

+96.82
48.00' RT.

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

S-402

+95.57
48.00' RT.

CR-20

CR-20

CR-20

CR-20

CR-20

35'R

35'R

35'R

35'R

35'R

EXIST. R/W

EXIST. R/W

SHERRY ST.

HOWARD ST.

END C & G
+37.74
80.59' RT.

BEGIN C & G
+61.73
80.93' RT.

END C & G
+30.57
83.33' RT.

BEGIN C & G
+54.57
83.20' RT.

SEE MEDIAN OPENING DETAIL "D" FOR MORE INFORMATION.

END CONST.
+59.81
100.06' RT.

+40.06
99.94' RT.

END CONST.
+52.49
100.06' RT.

+33.18
99.94' RT.

75.50'
61.00'
26.00'
35.00'
26.00'
26.00'
35.15'

BM8
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM8"
103.9' LEFT OF SURVEY BASELINE
STA. 80+24
ELEV. = 18.52'

24
20

22.20
20.85
19.23

20.01
19.59
18.19

PGL LT. & RT.

(-) 0.39%

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

1"=40' HORIZ.
1"=4' VERT.

1078+00
1079+00
1080+00
1081+00
1082+00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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CERTIFICATE OF AUTHORIZATION NO. 3114


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DEPARTMENT of TRANSPORTATION
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apeters

# PLAN/PROFILE SHEET (13)
# ORTIZ AVENUE (CR 865)

**STA. 1077+20.00 TO STA. 1082+80.00**

SHEET NO.
50

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SEE MEDIAN OPENING DETAIL "D" FOR MORE INFORMATION.

1" = 40'

CR-3 | CR-20 | S-405 | S-407 | S-404 | CR-20 | CR-20 | A-1 | A-1

+88.95 69.60' LT. | +88.95 67.50' LT. | +20.53 | +25.53 | +90.19 51.82' LT. | +39.34 24.96' LT. | +18.38 1.00' RT. | +89.57 48.00' RT. | +14.8 | +73.90 1.00' RT. | PI +08.68 | +72.56 22.00' LT. | +88.24 48.00' LT. | +23.47 83.35' LT. | +53.87 83.35' LT. | +89.07 48.00' LT. | +43.5

30 FM | 24 W | 35' R

PROPOSED R/W | EXIST. R/W | EXISTING UTILITY EASEMENT

6' CONC. S/W | CONST. 18" RCP | CONST. 147' OF 24" RCP | CONST. 96' OF 18" RCP | CONST. 297' OF 30" RCP | CONST. TYPE F CURB & GUTTER | CONST. TYPE E CURB & GUTTER | PGL LT. | PGL RT. | ℄ CONST. ORTIZ AVE. | ℄ SURVEY ORTIZ AVE.

N 0° 48' 30" W | N 0° 11' 30" E

1083 | 1084 | 1085 | 1086 | 1087 | 1088

83 | 84 | 85 | 86 | 87 | 88

26.00' | 26.00' | 26.00' | 26.00' | 26.00' | 26.00' | 26.00' | 26.00' | 26.00' | 26.00'

56.16' | 15.19' | 35.15' | 60.84' | 22.00' | 22.00' | 26.00' | 43.04'

## PROFILE

20 | 16

20.01 | 19.59 | 18.19 | 19.67 | 18.06 | 16.55

(-) 0.391% | (+) 0.300% | (+) 0.300% | (-) 0.300%

PI +50.00 EL. 19.34 | PI +00.00 EL. 20.09

PGL LT. & RT.

EXIST. GROUND LINE (RT.) | EXIST. GROUND LINE (LT.)

1083+00 | 1084+00 | 1085+00 | 1086+00 | 1087+00 | 1088+00

1"=40' HORIZ.
1"=4' VERT.

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PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
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(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# PLAN/PROFILE SHEET (14)
# ORTIZ AVENUE (CR 865)
## STA. 1082+80.00 TO STA. 1088+40.00

SHEET NO. 51

CURVE CLCONST-6
PI STA. = 1094+71.68
DELTA = 2° 29' 05" (LT)
D = 0° 15' 00"
T = 497.00
L = 993.83
R = 22,918.31
PC STA. = 1089+74.68
PT STA. = 1099+68.52
e = NC

1" = 40'

EXISTING UTILITY EASEMENT

+14.4

G-4

PROPOSED R/W

S-409

S-411

30 FM

CONST. 296' OF 30" RCP

CONST. 216' OF 30" RCP

6' CONC. S/W

CONST. 30" RCP

CONST. 95' OF 18" RCP

CONST. TYPE F CURB & GUTTER

PGL LT.

CONST. TYPE E CURB & GUTTER

℄ CONST. ORTIZ AVE.

EXIST. R/W

CLCONST-6

1089 1090 1091 1092 1093 1094

N 0° 11' 30" E

PC +74.68

89 90 91 92 93

N 0° 48' 30" W

℄ SURVEY ORTIZ AVE.

PGL RT.

S-408

S-410

CONST. TYPE F CURB & GUTTER

24 W

12 FM

6' CONC. S/W

A-1

+18.9

EXIST. R/W

EASEMENT

60.84' 26.00' 22.00' 22.00' 43.04' 26.00'

67.50' 26.00' 22.00' 22.00' 47.72' 26.00'

BM9
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BM9"
80.2' RIGHT OF SURVEY BASELINE
STA. 90+33
ELEV. = 16.90'

20 16

19.67 18.06 16.55

17.99 16.94 16.18

PGL LT. & RT.

(-) 0.300%

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

1"=40' HORIZ.
1"=4' VERT.

1089+00 1090+00 1091+00 1092+00 1093+00 1094+00

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| | | | |


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# PLAN/PROFILE SHEET (15)
# ORTIZ AVENUE (CR 865)
## STA. 1088+40.00 TO STA. 1094+00.00

SHEET NO. 52

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SEE MEDIAN OPENING DETAIL "E" FOR MORE INFORMATION.

CURVE CLCONST-6
PI STA. = 1094+71.68
DELTA = 2° 29' 05" (LT)
D = 0° 15' 00"
T = 497.00
L = 993.83
R = 22,918.31
PC STA. = 1089+74.68
PT STA. = 1099+68.52
e = NC

1" = 40'

CONST. 30" RCP
PROPOSED R/W
30 FM
S-413
CONST. 321' OF 30" RCP
CONST. TYPE F CURB & GUTTER
6' CONC. S/W
S-415
CONST. 151' OF 30" RCP
CONST. 166' OF 30" RCP
CONST. 95' OF 18" RCP
S-417
CONST. TYPE E CURB & GUTTER
PGL LT.
℄ CONST. ORTIZ AVE.
CONST. 95' OF 18" RCP
CLCONST-6
EXIST. R/W
℄ SURVEY ORTIZ AVE.
PGL RT.
N 0° 48' 30" W
N 1° 24' 11" W
PI +99.08
S-412
S-414
S-416
CR-20
24 W
35'R
75'R
CONST. TYPE F CURB & GUTTER
CONST. TYPE E CURB & GUTTER
S. BILLY'S CREEK DR.
GARY DR.
EASEMENT
EXIST. 15" RCP (TO REMAIN)
EXIST. INLET & 15" RCP (TO REMAIN)
END CONST.
BEGIN C & G
END C & G

+30.46 22.00' LT.
+61.69 1.00' LT.
+23.50 1.00' LT.
+60.13 22.00' LT.
+17.31 22.00' LT.
+99.25 22.00' LT.
+75.53 1.00' RT.
+59.21 22.00' RT.
+22.88 48.00' RT.
+16.61 48.00' RT.
+01.80 22.00' RT.
+84.02 22.00' RT.
+37.89 22.00' RT.
+51.70 48.00' RT.
+45.51 48.00' RT.
+57.75 83.28' RT.
+81.66 83.26' RT.
+78.61 99.91' RT.
+60.07 99.93' RT.
+86.65 83.28' RT.
+88.43 99.90' RT.
+10.56 83.50' RT.
+06.39 100.07' RT.

67.50' 26.00' 22.00' 22.00' 26.00' 47.72'
65.02' 26.00' 44.19'

1094 1095 1096 1097 1098 1099
94 95 96 97 98 99

PGL LT. & RT.
(-) 0.300%
EXIST. GROUND LINE (RT.)
EXIST. GROUND LINE (LT.)
18
14
17.99 16.94 16.18
16.31 15.93 14.67
1"=40' HORIZ.
1"=4' VERT.
1094+00 1095+00 1096+00 1097+00 1098+00 1099+00

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# PLAN/PROFILE SHEET (16)
# ORTIZ AVENUE (CR 865)
## STA. 1094+00.00 TO STA. 1099+60.00

SHEET NO. 53


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1" = 40'

PROPOSED R/W

CONST. 266' OF 36" RCP

+00.50 CR-3 30 FM 105.50 S-419 30 FM 30 FM CONST. 277' OF 36" RCP 30 FM 30 FM S-421 CONST. 127' OF 36" RCP 30 FM

6' CONC. S/W

CONST. 95' OF 18" RCP

CONST. TYPE F CURB & GUTTER

CONST. 95' OF 18" RCP

S-423

CONST. 30" RCP

+39.45 22.00' LT.

65.02' 26.00' 26.00' 67.50'

PGL LT.

CLCONST-6

+39.41 1.00' RT.

1100 1101 1102 1103 1104 1105

CONST. TYPE E CURB & GUTTER

EXIST. R/W

℄ CONST. ORTIZ AVE.

+76.00 1.00' LT.

P.T. +68.52

N 2° 17' 35" W

100 101 102 103 104 105

CONST. TYPE E CURB & GUTTER

PGL RT.

℄ SURVEY ORTIZ AVE.

N 1° 24' 11" W

+76.00 22.00' RT.

44.19' 26.00' 26.00' 26.00' 67.50'

CONST. TYPE F CURB & GUTTER

S-418

+79.52 48.00' RT.

+73.52 48.00' RT.

CONST. TYPE F CURB & GUTTER

S-420

24 W 24 W 24 W 24 W 24 W 24 W 24 W 24 W 24 W

6' CONC. S/W

6' CONC. S/W

CR-20

CR-20

+09.

+45.2

35'R

35'R

EXIST. R/W

EXIST. R/W

A-1

A-1

ORTIZ CIRCLE

N. BILLY'S CREEK DR.

END C & G +14.52 83.32' RT.

BEGIN C & G +38.52 83.19' RT.

END CONST. +16.17 100.02' RT.

+34.44 99.92' RT.

EASEMENT

CURVE CLCONST-6
PI STA. = 1094+71.68
DELTA = 2° 29' 05" (LT)
D = 0° 15' 00"
T = 497.00
L = 993.83
R = 22,918.31
PC STA. = 1089+74.68
PT STA. = 1099+68.52
e = NC

BMIO
STANDARD 4" X 4" FDOT CM
WITH BRASS DISK STAMPED "BMIO"
75.1' RIGHT OF SURVEY BASELINE
STA. 100+30
ELEV. = 14.92'

16.31 15.72

18 18

PI +00.00 EL. 16.19

(-) 0.300% (-) 0.300%

PGL LT. & RT.

EXIST. GROUND LINE (RT.)

(-) 0.300% (+) 0.340%

PI +50.00 EL. 15.14

14 14

15.93 14.67 14.94 12.88

S.H.W.
STA. 1102+00
OFFSET 8'
ELEV. 10.44

EXIST. GROUND LINE (LT.)

1"=40' HORIZ.
1"=4' VERT.

1100+00 1101+00 1102+00 1103+00 1104+00 1105+00

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APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274

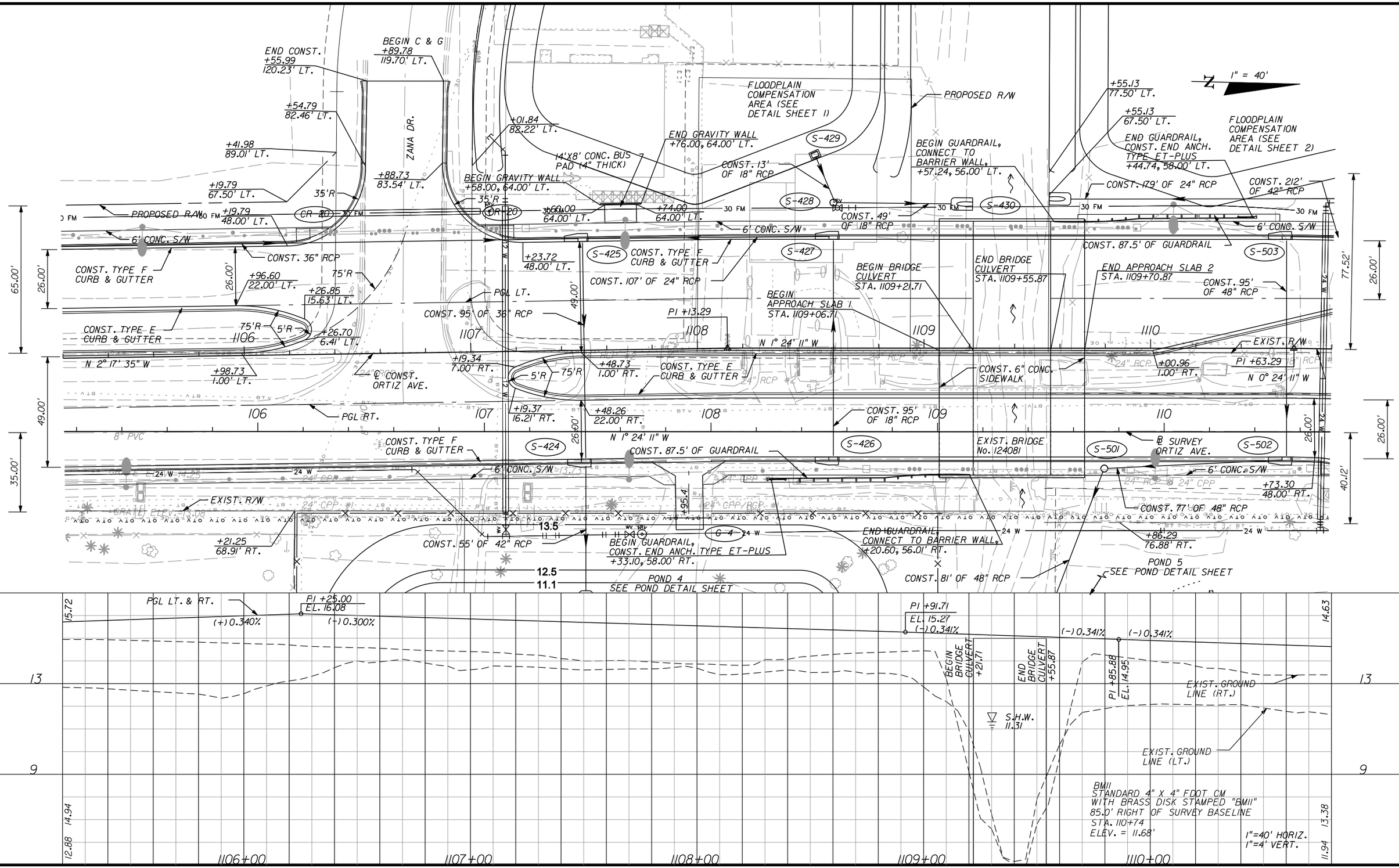

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# PLAN/PROFILE SHEET (17)
# ORTIZ AVENUE (CR 865)

**STA. 1099+60.00 TO STA. 1105+20.00**

SHEET NO. 54

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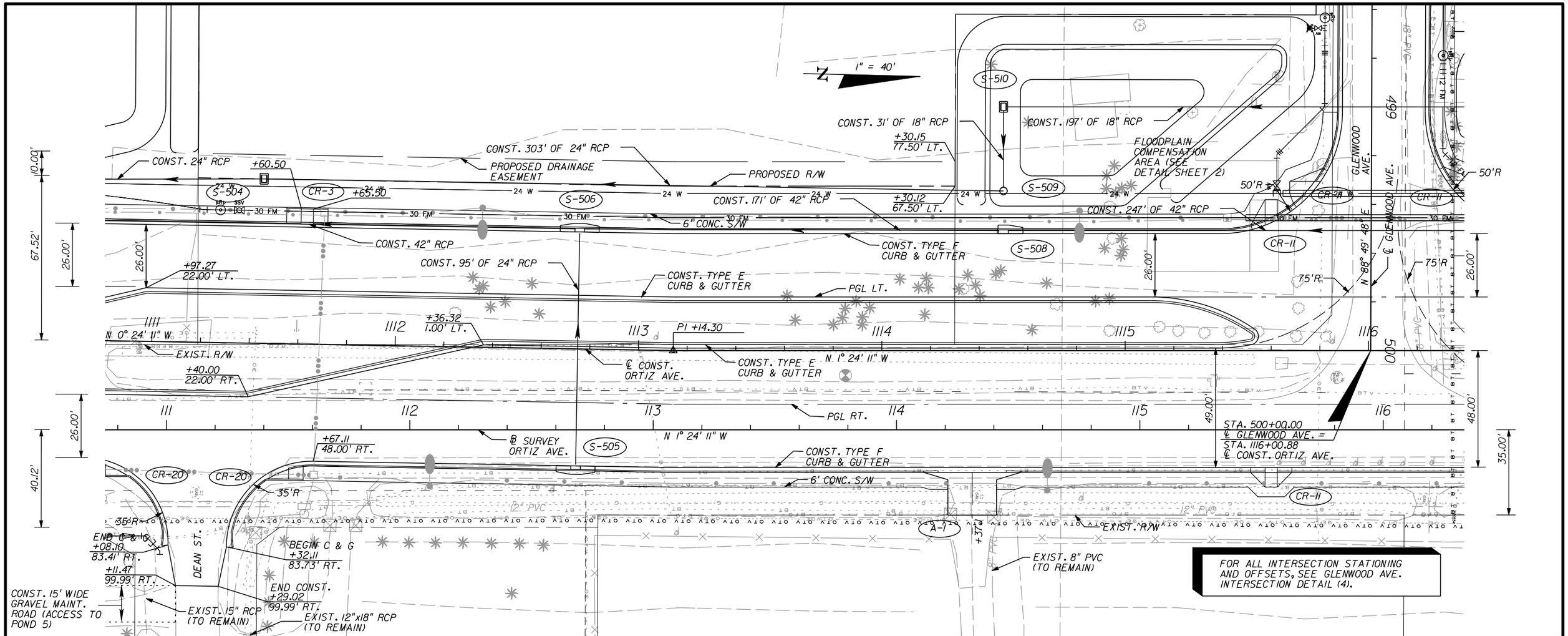
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# PLAN/PROFILE SHEET (18)
# ORTIZ AVENUE (CR 865)
## STA. 1105+20.00 TO STA. 1110+80.00

SHEET NO. 55

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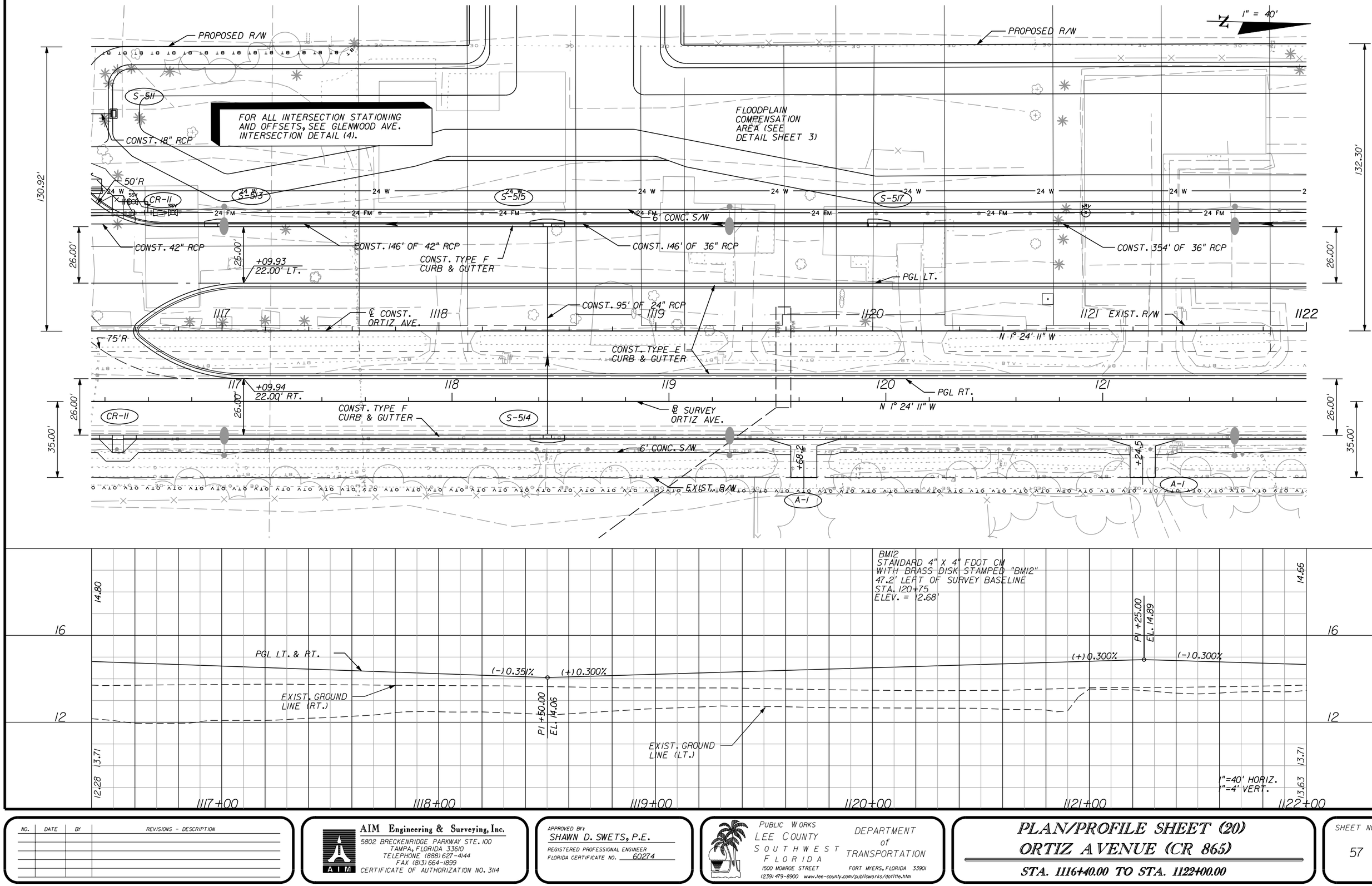

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# PLAN/PROFILE SHEET (19)
# ORTIZ AVENUE (CR 865)
## STA. 1110+80.00 TO STA. 1116+40.00

SHEET NO. 56


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# PLAN/PROFILE SHEET (20)
# ORTIZ AVENUE (CR 865)

**STA. 1116+40.00 TO STA. 1122+00.00**

SHEET NO. 57

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CURVE CLCONST-7
PI STA. = 1130+45.38
DELTA = 31° 21' 36" (LT)
D = 2° 45' 00"
T = 584.86
L = 1,140.36
R = 2,083.48
PC STA. = 1124+60.52
PT STA. = 1136+00.89
e = NC

PROPOSED R/W

1" = 40'

FLOODPLAIN COMPENSATION AREA (SEE DETAIL SHEET 3)

14'X8' CONC. BUS PAD (4" THICK)

END GRAVITY WALL +94.95, 64.61' LT.

BEGIN GRAVITY WALL +76.38, 64.61' LT.

+78.45 64.00' LT.

+92.89 64.00' LT.

114.80'

26.00'

61.00'

35.89'

35.00'

CONST. 36" RCP

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

S-519

CONST. 206' OF 30" RCP

S-522

CONST. 95' OF 24" RCP

CONST. TYPE E CURB & GUTTER

PGL LT.

1122 1123 1124 1125 1126 1127

EXIST. R/W

℄ CONST. ORTIZ AVE.

N 1° 24' 11" W

+81.00 1.00' LT.

PC +60.52

CLCONST-7

+81.00 22.00' RT.

CONST. 108' OF 24" RCP

122 123 124 125 126 127

CONST. TYPE F CURB & GUTTER

N 1° 24' 11" W

℄ SURVEY ORTIZ AVE.

PGL RT.

S-518

EXIST. MH & INLET (PART.) - (TO REMAIN)

+94.65 48.00 RT.

EXIST. 18" RCP & MH (TO REMAIN)

+88.02 48.00 RT.

+15.94 48.00' RT. EL. 14.22

+65.94 60.00' RT. EL. 14.17

S-521

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

EXIST. 14"x28" ERCP & MH (TO REMAIN)

S-600

CR-20

CR-20

S-601

6' CONC. S/W

EXIST. INLET (PART.) (TO REMAIN)

35'R

35'R

S-602

S-602A

S-603

S-604

EXIST. 24" RCP TO REMAIN)

EXIST. R/W

EXIST. R/W

END C & G +29.65 83.00' RT.

BEGIN C & G +53.65 82.86' RT.

EXIST. 14"x23" ERCP TO REMAIN)

STEWARD DR.

HOLLY DR.

A-1

EXIST. 12" RCP (TO REMAIN)

END CONST. +30.99 100.05' RT.

EXIST. 14"x23" ERCP & MES (TO REMAIN)

BEGIN GRAVITY WALL +50.00, 64.88' LT.

+51.29 99.93' RT.

END GRAVITY WALL +90.00, 68.75' LT.

135' V.C.

14.66 13.71 13.63

+07.50 EL. 14.34

14.31 14.27 14.27 14.28 14.32 14.38 14.47

+42.50 EL. 14.49

16.03 14.12 13.98

17 13

PGL LT. & RT.

(-) 0.300%

(+) 0.518%

(+) 0.518%

(-) 0.300%

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

PI +75.00 EL. 14.14

DPI +00.00 EL. 13.90

DITCH RT.

1122+00 1123+00 1124+00 1125+00 1126+00 1127+00

1"=40' HORIZ.
1"=4' VERT.

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CERTIFICATE OF AUTHORIZATION NO. 3114


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# PLAN/PROFILE SHEET (21)
# ORTIZ AVENUE (CR 865)
## STA. 1122+00.00 TO STA. 1127+40.00

SHEET NO. 58

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FLOODPLAIN COMPENSATION AREA (SEE DETAIL SHEET 3)

+20.49 91.26' LT.

+14.83 86.68' LT.

PROPOSED R/W

CONST. 42" RCP

CR-II

CR-3

S-652

24 W

24 FM

6' CONC. S/W

26.00'

CONST. TYPE F CURB & GUTTER

+19.27 22.00' LT.

CONST. TYPE E CURB & GUTTER

1128

100'R

1129

75'R

600

TICE ST.

SCHOOL AV.

N 88° 44' 19" E

STA. 600+00.00 ℄ TICE ST. = STA. 1129+39.27 ℄ CONST. ORTIZ AVE.

1130

75'R

100'R

CONST. 184' OF 42" RCP

STA. 600+81.56 ℄ TICE ST. = STA. 129+29.07 ℄ SURVEY ORTIZ AVE.

℄ TICE ST.

STA. 129+31.94

N 1° 24' 11" W

128

CONST. TYPE F CURB & GUTTER

6' CONC. S/W

S-604A

PC +38.64

EXIST. INLET (PART.) & PIPE (TO REMAIN)

EXIST. 24" RCP TO REMAIN)

CONST. 12' OF 24" RCP

S-604B

EXIST. MH (TO REMAIN)

CONST. 36" RCP

EXIST. R/W

S-653

129

CR-3

CR-II

S-605

130

CONST. 204' OF 42" RCP

CONST. 113' OF 42" RCP

12 W

CURVE CLCONST-7
PI STA. = 1130+45.38
DELTA = 31° 21' 36" (LT)
D = 2° 45' 00"
T = 584.86
L = 1,140.36
R = 2,083.48
PC STA. = 1124+60.52
PT STA. = 1136+00.89
e = NC

+02.30 110.24' LT.

PROPOSED R/W

+44.42 89.75' LT.

1" = 40'

+36.53 67.50' LT.

CONST. 192' OF 24" RCP

6' CONC. S/W

S-608

+36.41 48.00' LT.

CONST. TYPE F CURB & GUTTER

49.00'

PGL LT.

1131

1132

CLCONST-7

+69.63 1.00' RT.

1133

61.00'

℄ CONST. ORTIZ AVE.

CONST. TYPE E CURB & GUTTER

100'R

+62.63 22.00' RT.

CONST. 95' OF 24" RCP

S-607

133

35.89'

CONST. TYPE F CURB & GUTTER

PC +38.64

132

+39.3

+63.5

N 32° 05' 47" W

CONST. 123' OF 36" RCP

PT +22.31

S-606

℄ SURVEY ORTIZ AVE.

CONST. TYPE F CURB & GUTTER

131

BLSUR-1

CURVE BLSUR-1
PI STA. = 130+35.20
DELTA = 30° 41' 36" (LT)
D = 8° 00' 00"
T = 196.56
L = 383.67
R = 716.20
PC STA. = 128+38.64
PT STA. = 132+22.31
e = NC

G-4

24 W

EXIST. R/W

POND 6
SEE POND DETAIL SHEET

FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE TICE ST. INTERSECTION DETAIL (3).

BM13
STANDARD 4" X 4" FDOT CM WITH BRASS DISK STAMPED "BM13"
79.48' RIGHT OF SURVEY BASELINE
STA. 130+36.77
ELEV. = 13.80''

℄ TICE ST. +39.27

PI +50.00 EL. 17.11

(+) 0.518%

(-) 0.300%

PGL LT. & RT.

(-) 0.300%

(+) 0.300%

PI +00.00 EL. 16.36

+82.50 EL. 16.76

+17.50 EL. 16.91

16.85 16.91 16.96 16.98 16.98 16.95

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

(-) 0.900%

13.00

DITCH RT.

DPI +00.00 EL. 13.00

135' V.C.

16.03 16.66 14.12 13.98 14.81 14.54

17 13

S.H.W. STA. 1131+50 OFFSET 31' ELEV. 9.66

1"=40' HORIZ. 1"=4' VERT.

1128+00 1129+00 1130+00 1131+00 1132+00 1133+00

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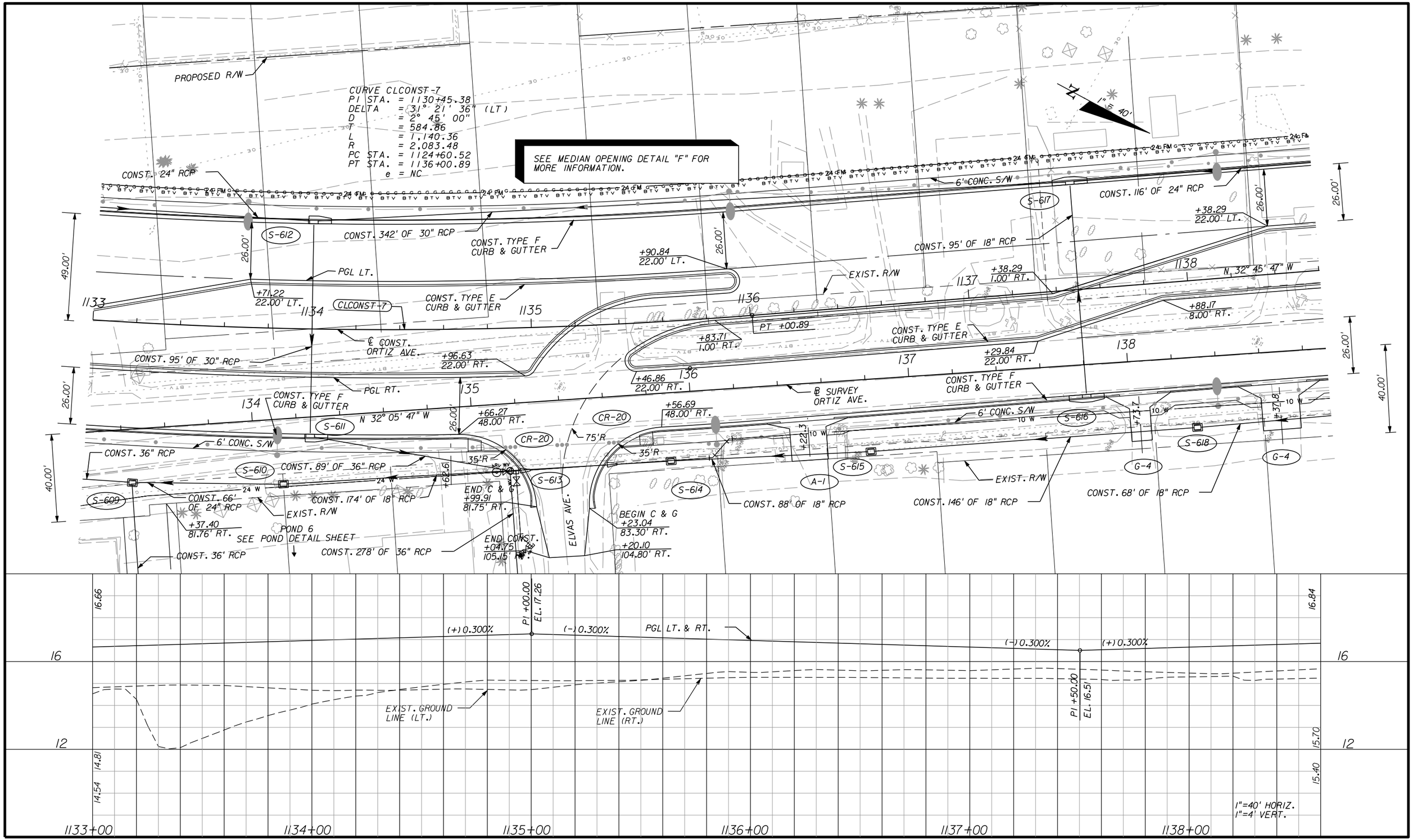

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# PLAN/PROFILE SHEET (22)
# ORTIZ AVENUE (CR 865)
## STA. 1127+40.00 TO STA. 1133+00.00

SHEET NO. 59

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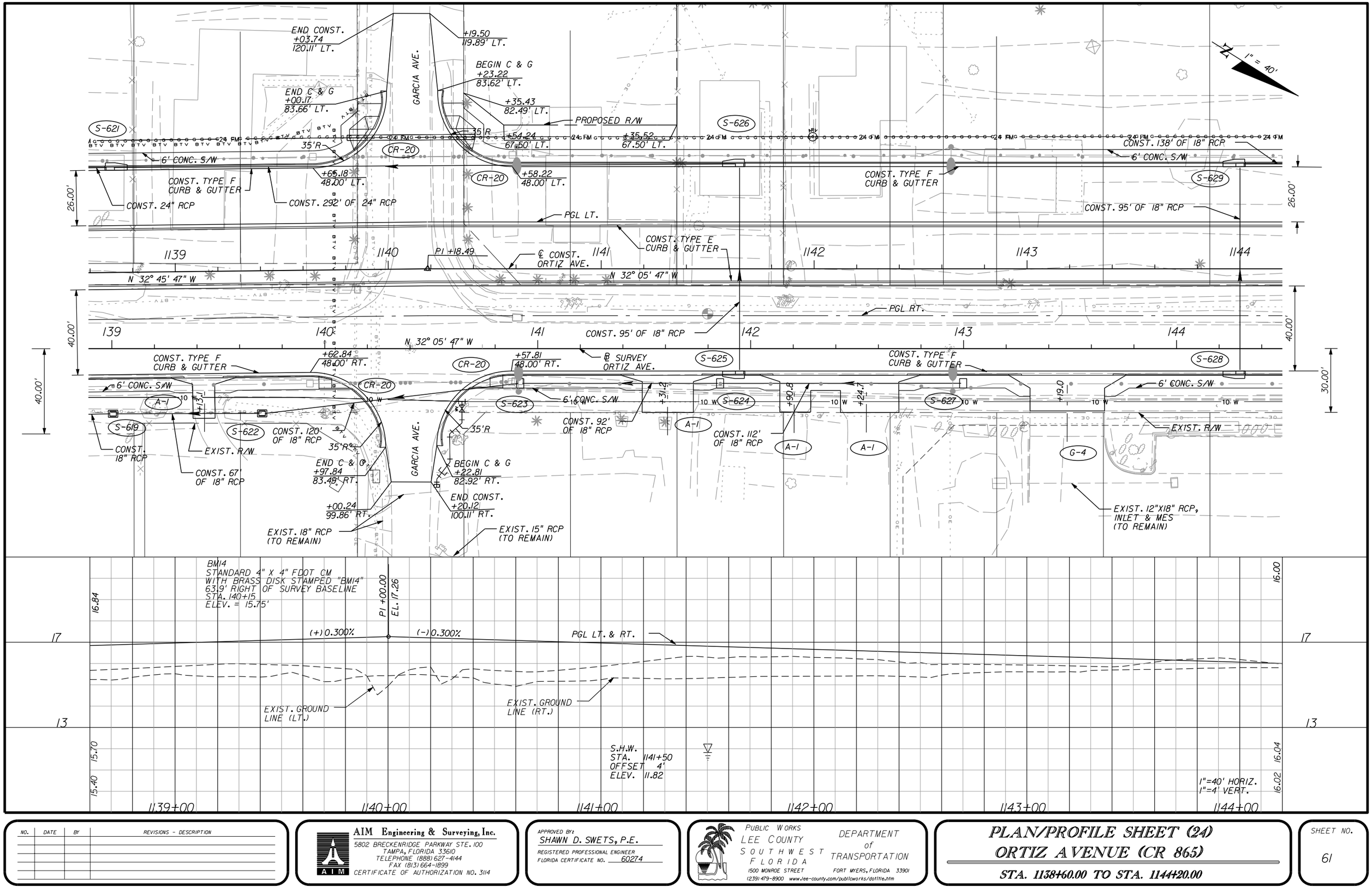

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# PLAN/PROFILE SHEET (23)
# ORTIZ AVENUE (CR 865)

**STA. 1133+00.00 TO STA. 1138+60.00**

SHEET NO. 60




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# PLAN/PROFILE SHEET (24)
# ORTIZ AVENUE (CR 865)
## STA. 1138+60.00 TO STA. 1144+20.00

SHEET NO.
61

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EXIST. DRIVEWAY (TO BE REMOVED)

PROPOSED R/W

+91.18 85.63' LT.

+81.16 87.51' LT.

+61.15 67.50' LT.

END PROJECT STA. 1145+48.36

+60.50 CR-3 +65.50 PROPOSED R/W

24 FM

6' CONC. S/W

CONST. TYPE F CURB & GUTTER

CONST. 18" RCP

S-631

+61.01 48.00' LT.

+48.36 22.00' LT.

+75.29 18.30' LT.

26.00'

CONST. TYPE E CURB & GUTTER

1145

1146

1147

100'R

13.1'R

℄ CONST. ORTIZ AVE.

N 32° 05' 47" W

S-633A

+73.17 7.42' RT.

+62.40 8.00' RT.

CONST. 95' OF 18" RCP

40.00'

30.00'

℄ SURVEY ORTIZ AVE.

CONST. TYPE F CURB & GUTTER

S-630

+60.87 48.00' RT

S-632

CR-11

6' CONC. S/W

10" W

CONST. 36' OF 18" RCP

EXIST. R/W

+84.89 80.40' RT.

+91.00 92.41' RT.

+91.00 100.14' RT.

EXIST. SIDEWALK (TO BE REMOVED)

S-633

CONST. 32' OF 18" RCP

50'R

EXIST. INLET (PARTIAL TO REMAIN)

+10.87 98.18' RT.

EXIST. MH & PIPE (TO REMAIN)

+02.33 91.25' RT.

+11.16 90.46' LT.

℄ SURVEY SR 80

TYPE I TRAFFIC SEPARATOR

+20.22 2.25' RT. ℄ S.R. 80

2.00'R

799

CR+11

PALM BEACH BLVD. (S.R. 80)

100'R

800

STA. 800+00.00 ℄ SURVEY S.R. 80 = STA. 1146+56.29 ℄ CONST. ORTIZ AVE.

PI +85.89

+76.15 44.83' LT. ℄ S.R. 80

5' CONC. S/W

CR-22

+36.05 65.20' LT. ℄ S.R. 80

+54.59 44.81' LT. ℄ S.R. 80

CONST. TYPE F CURB & GUTTER

+04.75 31.79' LT. ℄ S.R. 80

END CONSTRUCTION STA. 1147+21.53

1" = 40'

BM15
STANDARD 4" X 4" FDOT CM WITH BRASS DISK STAMPED "BM15"
58.5' RIGHT OF SURVEY BASELINE
STA. 146+02
ELEV. = 16.75'

80' V.C.

+30.00 EL. 15.66

+10.00 EL. 16.26

PI +25.07 EL. 16.63

PI +70.00 EL. 15.55

PI +10.44 EL. 16.27

(+) 2.500%

(+) .982%

(-) 0.300%

(+) 1.770%

EXIST. GROUND LINE (LT.)

EXIST. GROUND LINE (RT.)

PGL LT. & RT.

END PROJECT STA. 1145+48.36

END PROFILE STA. 1146+37.13

1145+00

1146+00

1"=40' HORIZ.
1"=4' VERT.

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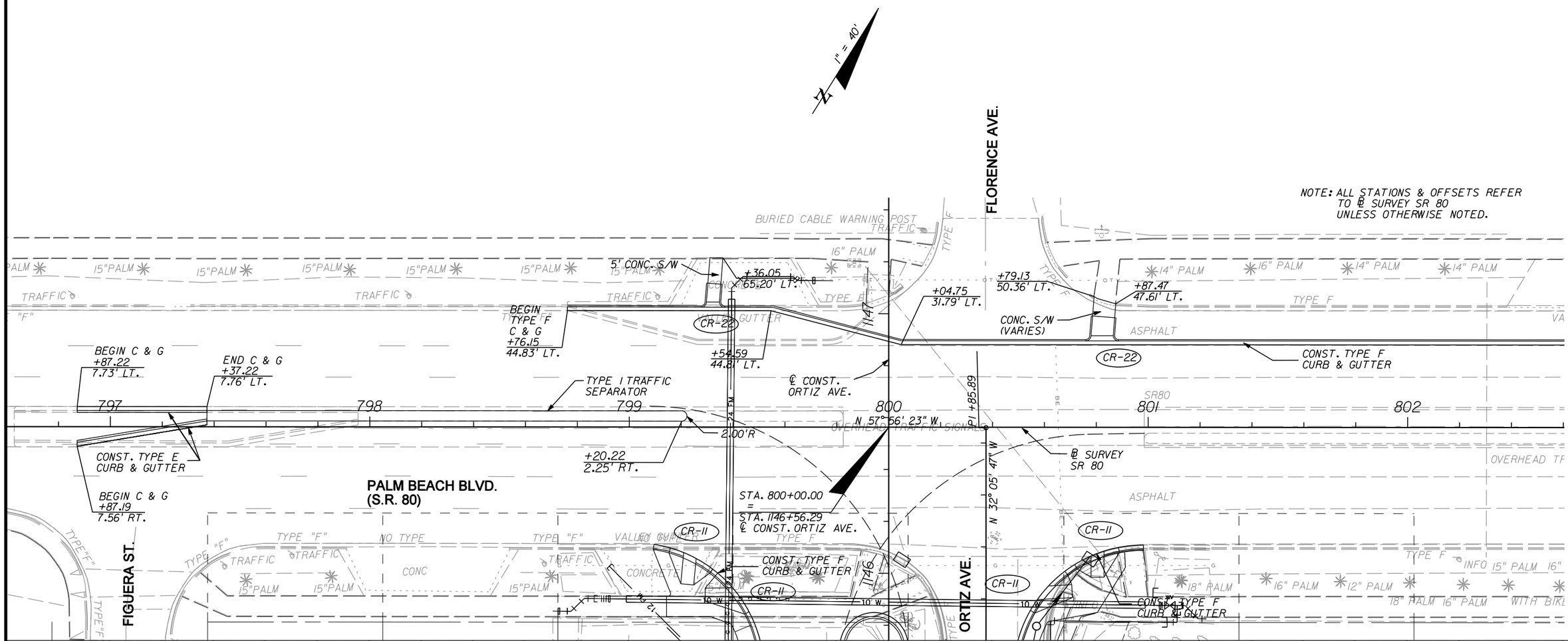

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# PLAN/PROFILE SHEET (25)
## ORTIZ AVENUE (CR 865)
### STA. 1144+20.00 TO STA. 1146+12.59

SHEET NO. 62




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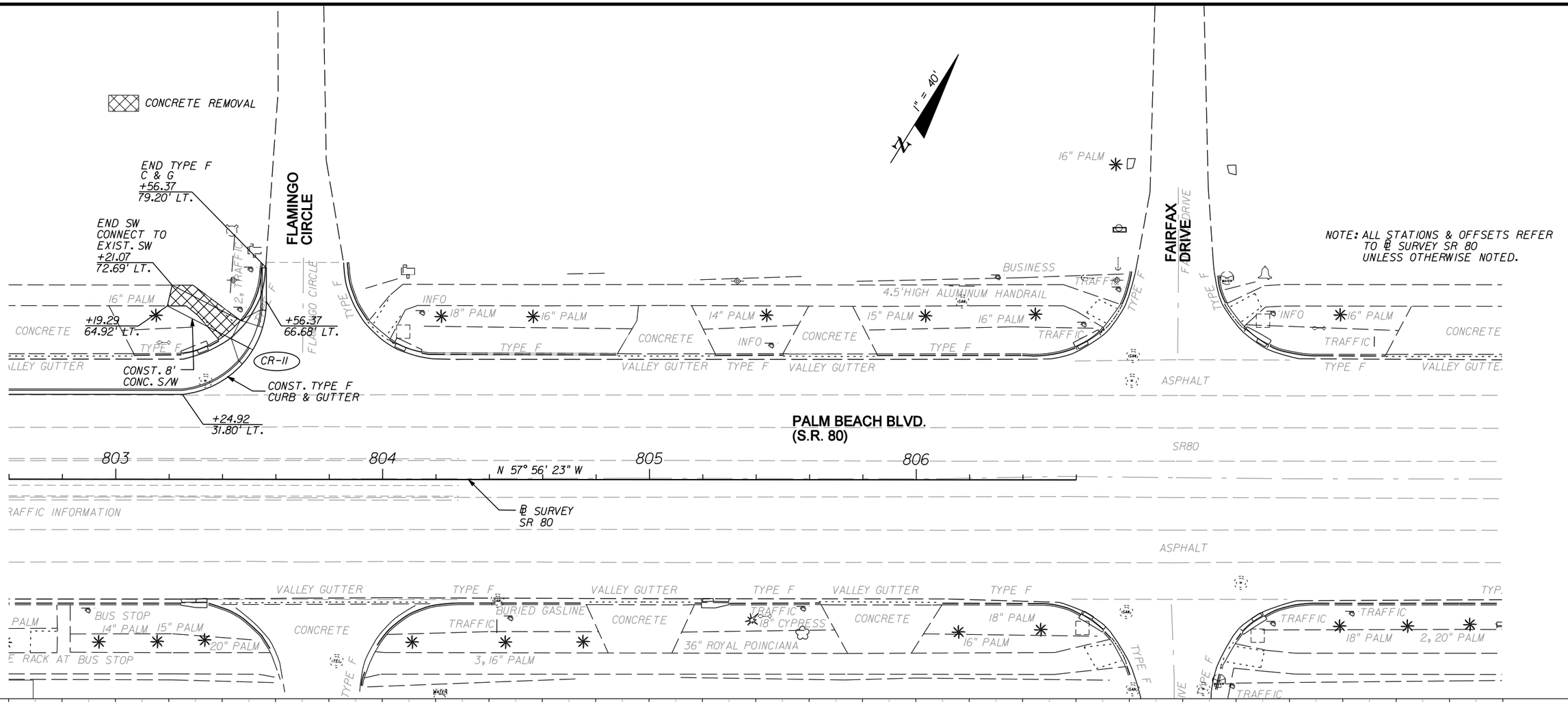

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# PLAN/PROFILE SHEET (26)
## ORTIZ AVENUE (CR 865)
### S.R. 80

SHEET NO. 63

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# PLAN/PROFILE SHEET (27)
## ORTIZ AVENUE (CR 865)
### S.R. 80

SHEET NO. 64

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1" = 40'

N

PROPOSED R/W

PT
+17.75
16.80' LT.

CONST. 192' OF
14"x23" ERCP

EXIST. EASEMENT

+16.61
26.21' LT.

CONST. 22' OF
14"x23" ERCP

CONST. 230' OF
14"x23" ERCP

S-238

1544.9' R

197

℄ LAREDO AVE.

PRC
+35.24

BEGIN C & G
+55.64
11.50' LT.
EL. 20.15

PC
+73.59
11.50' LT.

1527.9' R

CONST. 31' OF
14"x23" ERCP

196

LAREDOW-2

16.50'

28.50'

16.50'

30.35'

32.93'

34.00'

192

193

S-236

194

PC +06.98

CONST. TYPE F
CURB & GUTTER

195

LAREDOW-1

23.00'

24.85'

N 88° 14' 04" E

EXIST. R/W

1527.9' R

1510.9' R

+34.80
28.50' RT.

S-237

BEGIN C & G
+55.50
11.50' RT.
EL. 20.15

PC
+46.02
12.00' RT.

CONST. TYPE F
CURB & GUTTER

PT
+53.94
17.00' RT.

S-235

EXIST. EASEMENT

EXIST. 12" CMP,
RCP & INLETS
(TO REMAIN)

BEGIN CONSTRUCTION
STA. 193+55.50

EXIST. R/W

CURVE LAREDOW-1
PI STA. = 195+21.32
DELTA = 8° 33' 36" (LT)
D = 3° 45' 00"
T = 114.34
L = 228.26
R = 1,527.89
PC STA. = 194+06.98
PRC STA. = 196+35.24
e = N.C.

CURVE LAREDOW-2
PI STA. = 197+56.37
DELTA = 9° 03' 57" (RT)
D = 3° 45' 00"
T = 121.13
L = 241.75
R = 1,527.89
PRC STA. = 196+35.24
PT STA. = 198+76.99
e = N.C.

BEGIN CONSTRUCTION
STA. 193+55.57

20.38

PI +60.00
EL. 20.95

19.88

18.11

PGL
LAREDO AVE.

(+) 0.544%

(-) 0.356%

EXIST. GROUND LINE

22

18

22

18

192+00

193+00

194+00

195+00

196+00

197+00

1"=40' HORIZ.
1"=4' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
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# PLAN/PROFILE SHEET
# LAREDO AVENUE (1)

SHEET NO.
65

apeters

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FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE LAREDO AVE. INTERSECTION DETAIL (5)

CURVE DATA LAREDOW-2
PI STA. = 197+56.37
DELTA = 9° 03' 57" (RT)
D = 3° 45' 00"
T = 121.13
L = 241.75
R = 1,527.89
PC STA. = 196+35.24
PT STA. = 198+76.99

1" = 40'

N

S-226 S-225 S-222 S-223 S-241 S-240 S-240A S-242 S-243 S-239

LAREDOW-2

LAREDO AVE.

PT 76.99

N 88° 44' 25" E

N 89° 07' 00" E

STA. 200+00.00 ℄ LAREDO AVE. = STA. 1038+03.30 ℄ CONST. ORTIZ AVE.

STA. 200+27.50 ℄ LAREDO AVE. = STA. 38+03.12 ℄ SURVEY ORTIZ AVE.

STA. 200+00.00 ℄ LAREDO AVE. = STA. 1037+95.19 ℄ CONST. ORTIZ AVE.

℄ CONST. ORTIZ AVE.

EXIST. R/W

PROPOSED R/W

EASEMENT

16' W

12' W

8 FM

12.00' 16.50' 16.50' 34.00

+00.00 +60.00 +95.99

198 199 200 201 202 1037 1038 1039 37 38 39

150' V.C.

+75.00 EL. 19.83 | 19.88 19.81 19.80 19.86 20.00 20.21 20.50 20.87 21.31 | +25.00 EL. 21.44 | +78.00 EL. 22.76

PGL LAREDO AVE.

(-) 0.356% (+) 2.500% (+) 2.500%

PI +50.00 EL. 19.56

EXIST. GROUND LINE

18.11 19.57 22.02 22.78

150' V.C.

+50.00 EL. 22.08 | 21.84 21.42 21.07 20.81 20.62 20.51 20.48 | +00.00 EL. 20.52

PGL LAREDO AVE.

(-) 2.501% (+) 0.424%

PI +25.00 EL. 20.20

EXIST. GROUND LINE

20.53

23 19

198+00 199+00 200+00 201+00 202+00

1"=40' HORIZ.
1"=4' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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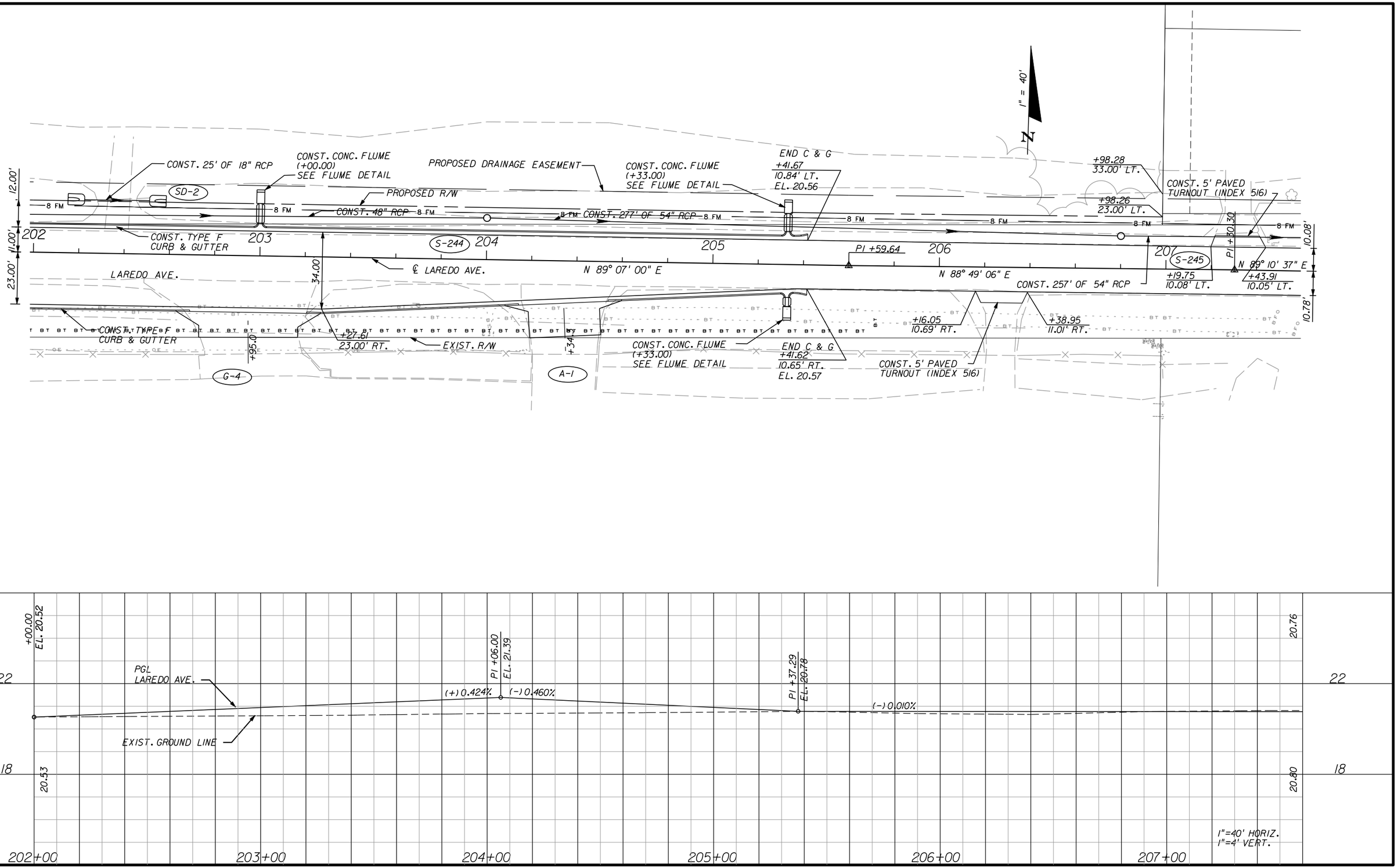

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# PLAN/PROFILE SHEET
# LAREDO AVENUE (2)

SHEET NO. 66


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APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274

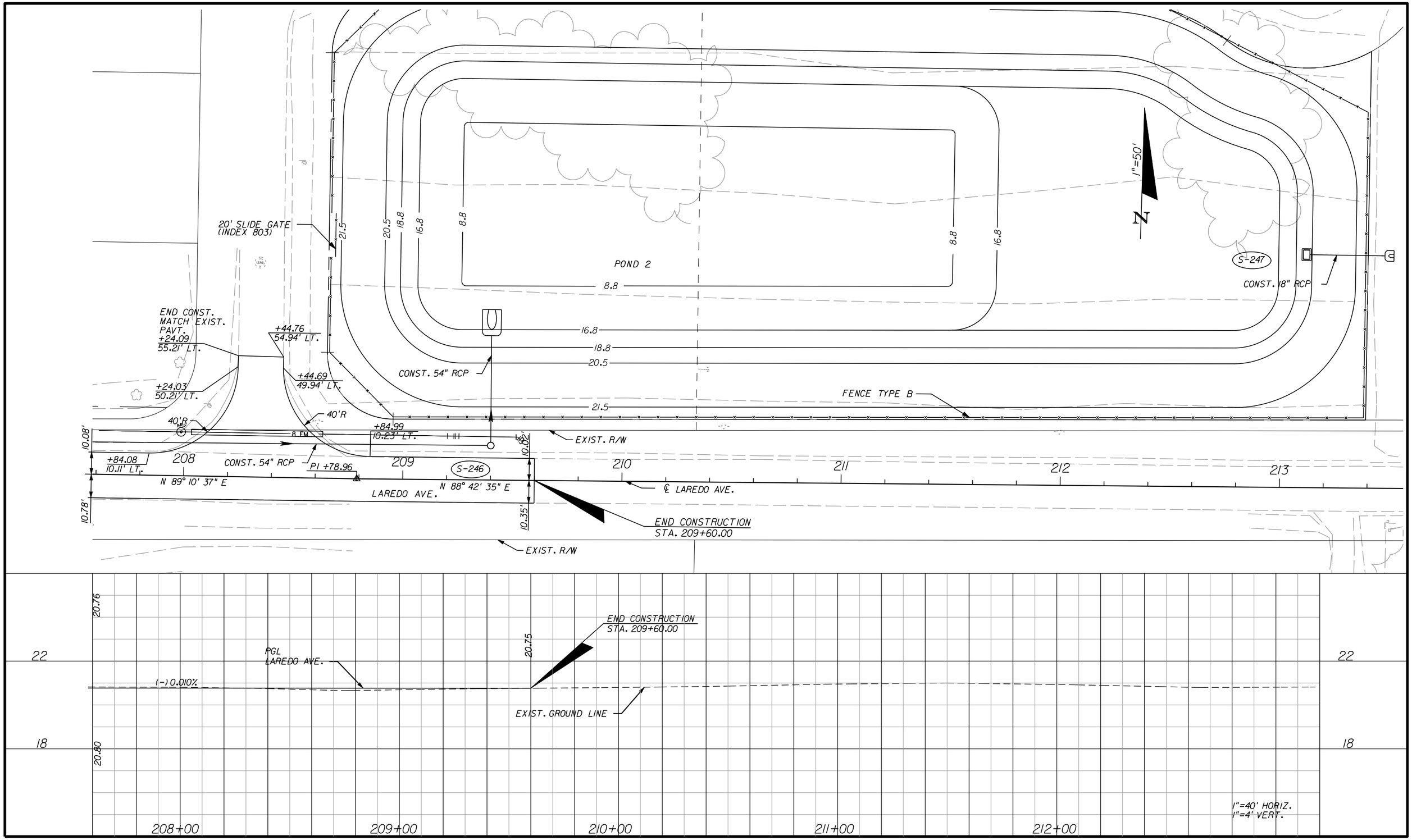

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# PLAN/PROFILE SHEET
# LAREDO AVENUE (3)

SHEET NO. 67

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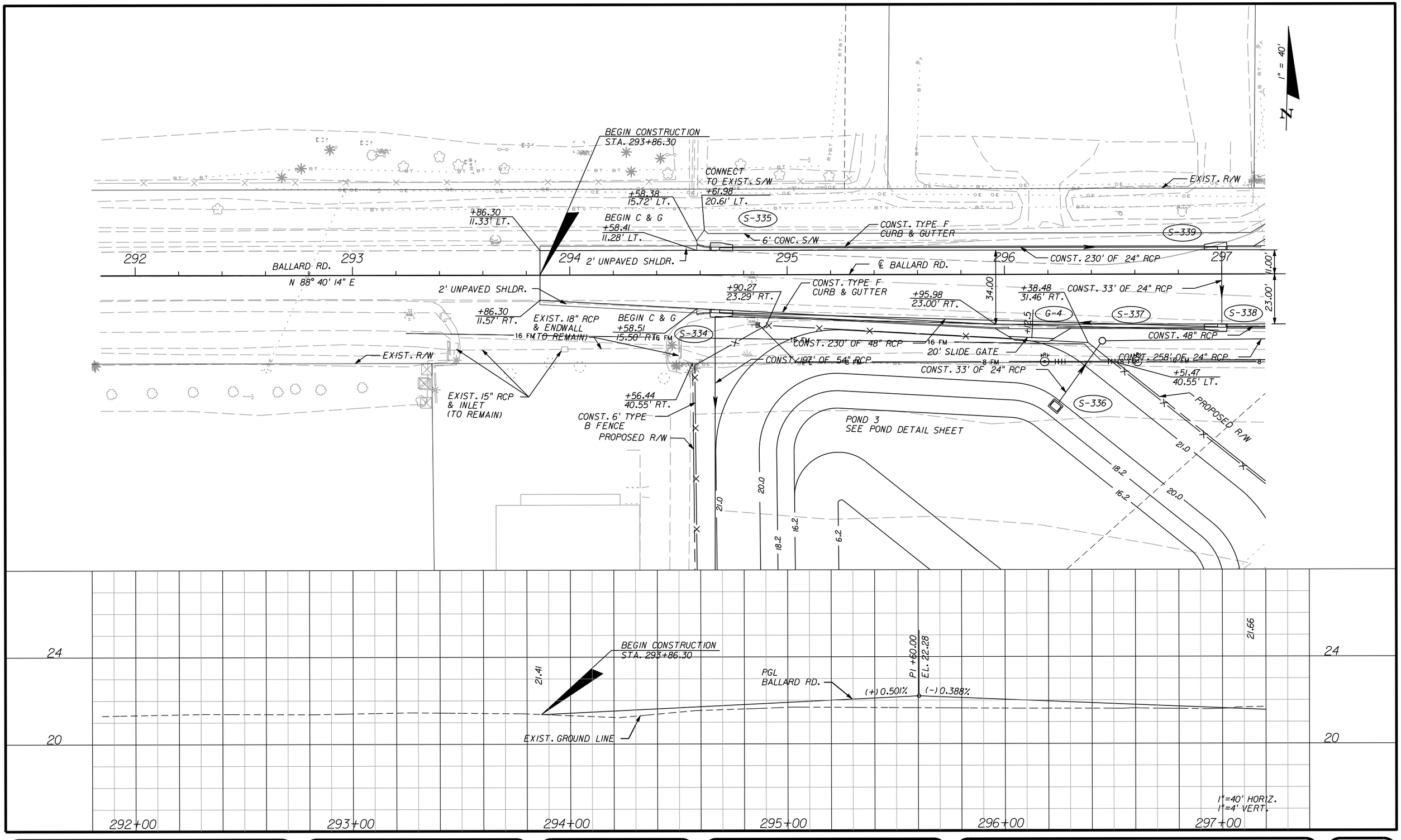

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# PLAN/PROFILE SHEET
# LAREDO AVENUE (4)

SHEET NO. 68

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# PLAN/PROFILE SHEET
# BALLARD ROAD (1)

SHEET NO. 69

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FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE BALLARD RD. INTERSECTION DETAIL (1)

S-321 S-320 S-319 S-318 S-317 S-346 S-344 S-343 S-341 S-340 S-316A S-342 S-316 S-315 S-345

CONST. 42" RCP
CONST. 18" RCP
PROPOSED R/W
CONST. 42" RCP
+15.35
50.09' LT.
+08.46
39.45' LT.
EXIST. R/W
G-4
+43.0
CONST. TYPE F CURB & GUTTER
6' CONC. S/W
+55.06
110.00' LT.
200'R
CONST. 30" RCP
PROPOSED R/W
+04.24
35.82' LT.
35'R
CONST. 53' OF 30" RCP
CONST. 32' OF 30" RCP
CONST. 124' OF 30" RCP
CONST. TYPE F CURB & GUTTER
CONST. 33' OF 18" RCP
℄ BALLARD RD.
N 88° 40' 14" E
N 88° 40' 59" E
298
299
300
301
302
24" RCP
36" RCP
12" RCP
CONST. 48" RCP
STA. 300+00.00
℄ BALLARD RD. =
STA. 1063+64.14
℄ CONST. ORTIZ AVE
℄ CONST. ORTIZ AVE.
CONST. 24" RCP
CONST. TYPE F CURB & GUTTER
CONST. 141' OF 48" RCP
EXIST. R/W
CONST. 33' OF 24" RCP
CONST. 24" RCP
+00.33
40.55' RT.
CONST. 90' OF 48" RCP
PROPOSED R/W
CONST. 24" RCP
+25.42
67.97' RT.
CONST. 42" RCP
CONST. 24" RCP
CONST. 36" RCP
+33.84
110.00' RT.
200'R
+78.68
29.18' RT.
+74.51
30.50' RT.
+54.95
51.07' RT.
PROPOSED R/W
EXIST. R/W
G-4
℄ SURVEY ORTIZ AVE.
STA. 300+06.04
℄ BALLARD RD. =
STA. 63+52.46
℄ SURVEY ORTIZ AVE.
STA. 300+00.00
℄ BALLARD RD. =
STA. 1063+52.71
℄ CONST. ORTIZ AVE.
GRATE ELEV.=20.22
GRATE ELEV.=20.29
11.00'
23.00'
1" = 40'
N

100' V.C.
150' V.C.
EXIST. GROUND LINE
PGL BALLARD RD.
+25.00 EL. 21.25
+50.00 EL. 22.22
+75.00 EL. 21.06
+78.00 EL. 22.91
+22.13 EL. 22.93
+60.00 EL. 21.98
+10.00 EL. 20.31
+35.00 EL. 20.09
(+) 2.454%
(+) 1.552%
(-) 0.388%
(+) 1.552%
(-) 2.518%
(+) 0.300%
21.66
21.43
21.43
21.22
21.24
21.33
21.51
21.76
21.83
21.79
21.79
21.51
21.12
20.80
20.56
20.40
20.31
20.29
20.52
19.97
24
20
1"=40' HORIZ.
1"=4' VERT.
298+00
299+00
300+00
301+00
302+00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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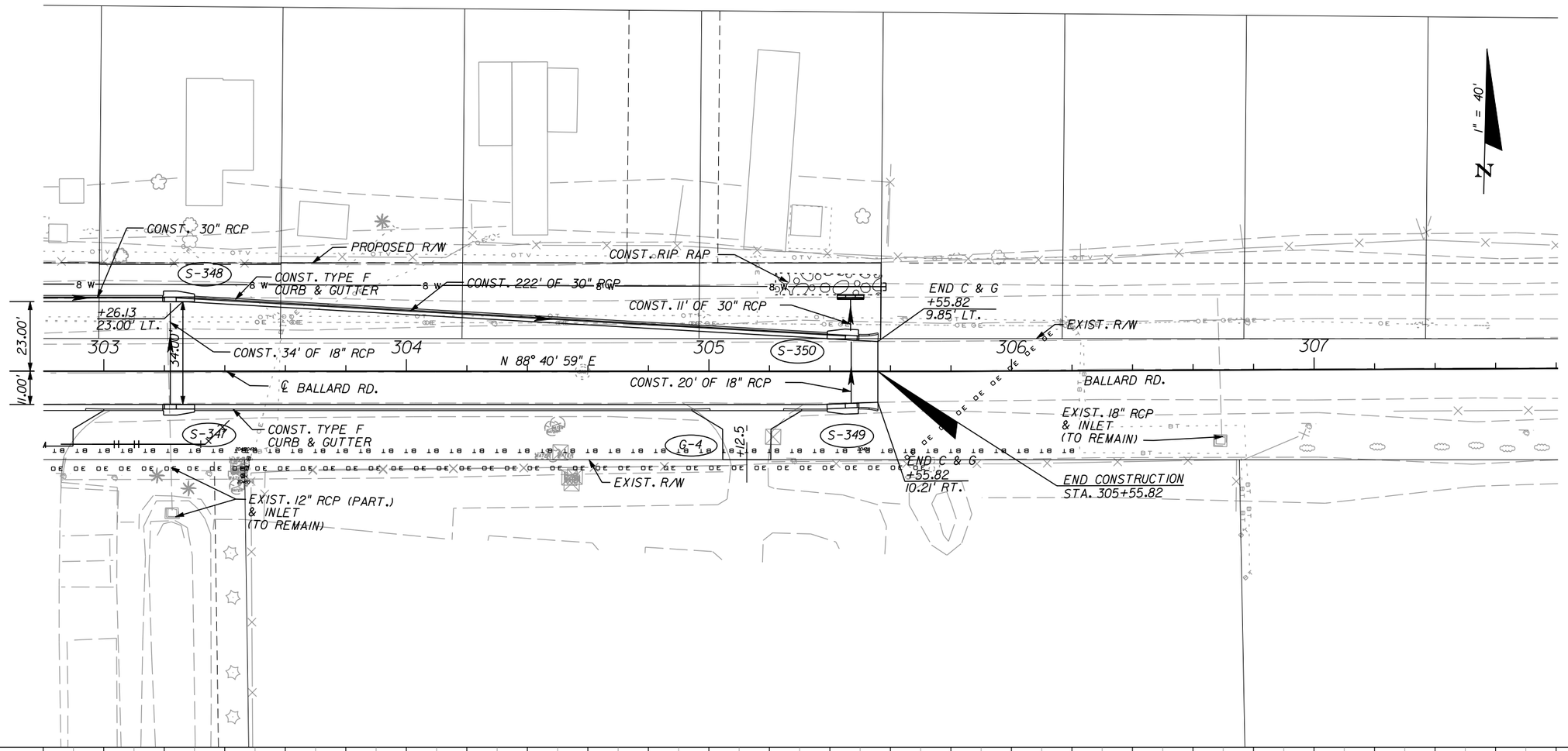

AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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PUBLIC WORKS
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SOUTHWEST FLORIDA
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# PLAN/PROFILE SHEET
# BALLARD ROAD (2)

SHEET NO. 70




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# PLAN/PROFILE SHEET
# BALLARD ROAD (3)

SHEET NO. 71

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CURVE DATA LUCKETT-1
PI STA. = 397+24.34
DELTA = 10° 23' 59" (RT)
D = 2° 30' 00"
T = 208.57
L = 415.99
R = 2,291.83
PC STA.= 395+15.77
PRC STA. = 399+31.76
e = NC

1" = 40'
N

BEGIN CONSTRUCTION
STA. 394+30.00

EXIST. 12" RCP
(TO REMAIN)

EXIST. 15" RCP
(TO REMAIN)

BEGIN C & G
+30.00
10.18' RT.

+53.00
11.00' LT.

S-706

G-4

90.05

EXIST. R/W

EXIST. 15" CMP
(TO REMAIN)

PC
+15.19
13.67' LT.

CONST. TYPE F
CURB & GUTTER

+63.00
20.00' LT.

EXIST.15" RCP
& HEADWALLS
(TO REMAIN)

G-4

+13.60

392 393 394 395 396 397

PI +71.35

SECTION 9
SECTION 16

N 89° 17' 34" E

℄ LUCKETT RD.

N 89° 15' 38" E

PC +15.77

2305.6'R

CONST. 20' OF
18" RCP

CONST. TYPE F
CURB & GUTTER

CONST. 157' OF
18" RCP

LUCKETT-1

PT
+13.00
17.86' RT.

CONST. 155' OF
18" RCP

+63.00
31.00' RT.

20.17'

+53.00
11.00' RT.

S-705

PC
+15.19
13.67' RT.

2274'R

S-707

BEGIN C & G
+30.00
10.00' RT.

+03.52
31.46' RT.

+10.77
31.78' RT.

PROPOSED R/W

+61.22
45.00' RT.

EXIST. R/W

20.00'

42.38'

31.00'

45.00'

22

18

20.34

19.65

BEGIN CONSTRUCTION
STA. 394+30.00

PGL
LUCKETT RD.

PI +35.00
EL. 20.60

(+) 0.462%

(-) 0.300%

19.88

EXIST. GROUND LINE

1"=40' HORIZ.
1"=4' VERT.

392+00 393+00 394+00 395+00 396+00 397+00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# PLAN/PROFILE SHEET
# LUCKETT ROAD (I)

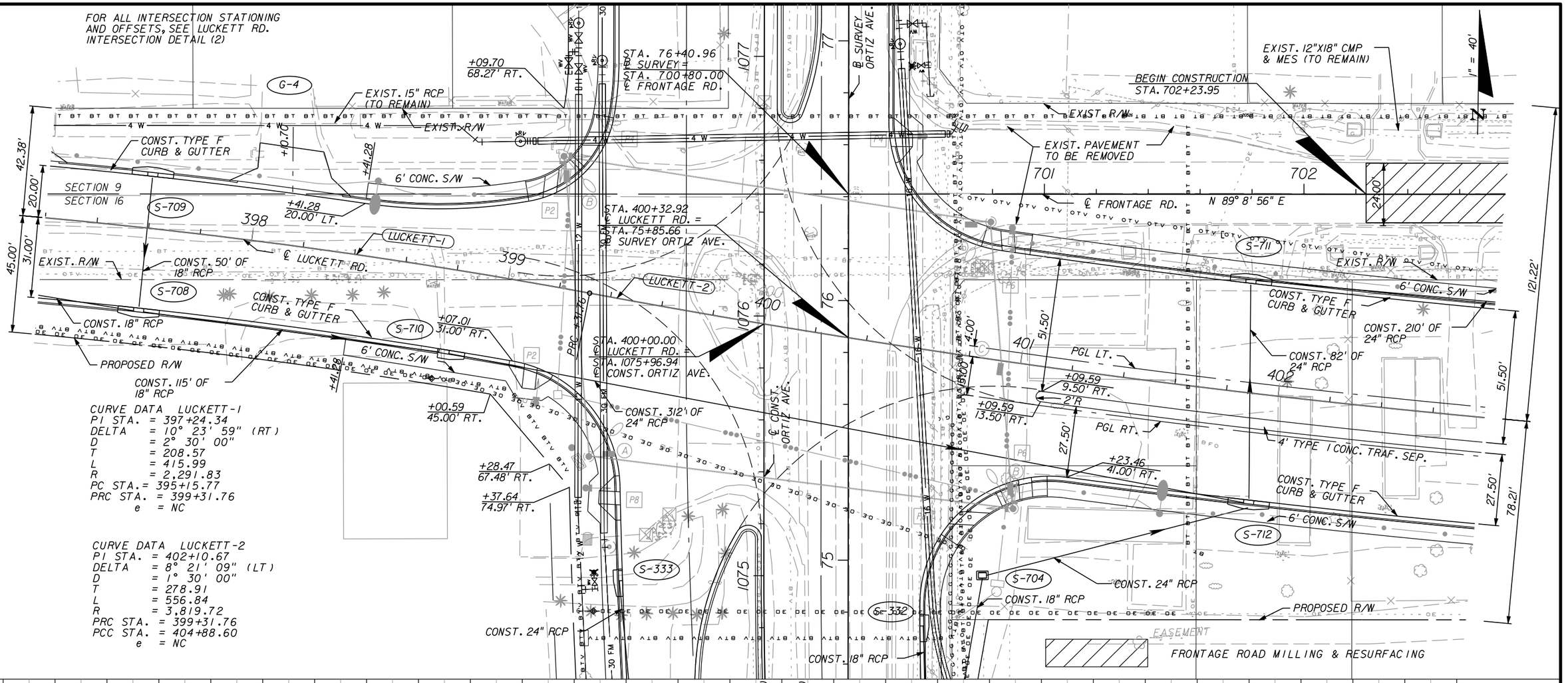
SHEET NO.
72

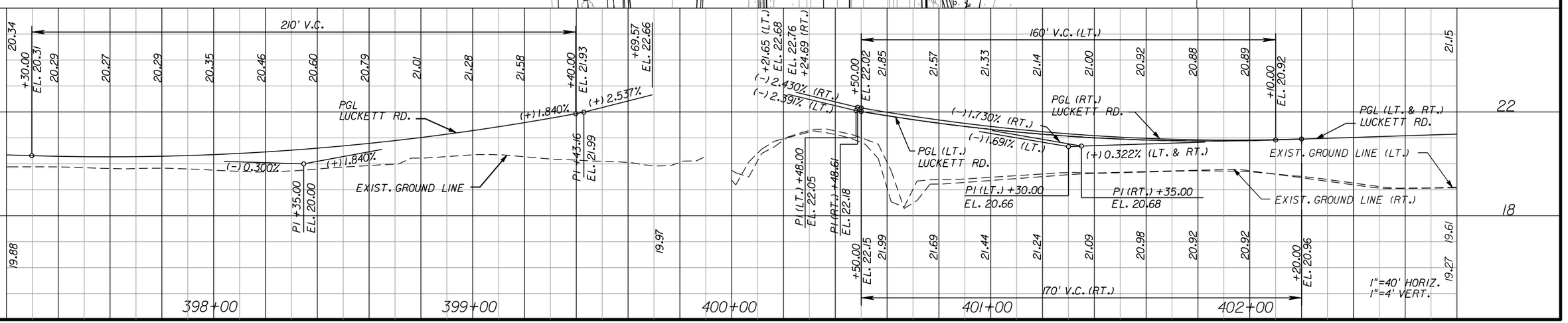
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FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE LUCKETT RD. INTERSECTION DETAIL (2)

CURVE DATA LUCKETT-1
PI STA. = 397+24.34
DELTA = 10° 23' 59" (RT)
D = 2° 30' 00"
T = 208.57
L = 415.99
R = 2,291.83
PC STA.= 395+15.77
PRC STA. = 399+31.76
e = NC

CURVE DATA LUCKETT-2
PI STA. = 402+10.67
DELTA = 8° 21' 09" (LT)
D = 1° 30' 00"
T = 278.91
L = 556.84
R = 3,819.72
PRC STA. = 399+31.76
PCC STA. = 404+88.60
e = NC




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# PLAN/PROFILE SHEET LUCKETT ROAD (2)

SHEET NO. 73

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CURVE DATA LUCKETT-2
PI STA. = 402+10.67
DELTA = 8° 21' 09" (LT)
D = 1° 30' 00"
T = 278.91
L = 556.84
R = 3,819.72
PRC STA. = 399+31.76
PCC STA. = 404+88.60
e = NC

CURVE DATA LUCKETT-3
PI STA. = 408+02.61
DELTA = 4° 42' 27" (LT)
D = 0° 45' 00"
T = 314.01
L = 627.68
R = 7,639.44
PCC STA. = 404+88.60
PT STA. = 411+16.27
e = NC

1" = 40'

N

+19.94
20.78' LT.
EL. 19.92

PAVEMENT WIDENING
SEE FRONTAGE RD.
TYPICAL SECTION

EXIST. 12"X18" CMP
& MES (TO REMAIN)

+10.28
17.91' LT.
EL. 19.97

+02.11
12.00' LT.

30' R

+39.34
16.50' LT.
EL. 20.01

30' R

+74.29
12.00' LT.

+55.14
12.00' LT.

+74.29
11.00' RT.

EXIST. 12"X18" CMP
& MES (TO REMAIN)

EXIST. R/W

EXIST. 12"X18" CMP
& MES (TO REMAIN)

EXIST. 12"X18" CMP
& MES (TO REMAIN)

703 704 705 706 707 708

SECTION 9
SECTION 16

N 89° 8' 56" E

℄ FRONTAGE RD.

S-713

+93.60
11.00' RT.

+00.40
28.09' RT.
EL. 19.80

30' R

+48.59
25.50' RT.
EL. 19.86

EXIST. R/W

CONST. 302' OF
18" RCP

S-715

+15.89
38.01' RT.
EL. 19.60

+34.25
37.02' RT.
EL. 19.62

6' CONC. S/W

PAVEMENT WIDENING
SEE FRONTAGE RD.
TYPICAL SECTION

CONST. 24" RCP

CONST. 295' OF
24" RCP

121.22'

51.50'

78.21'

27.50'

403 404 405 406 407 408

LUCKETT-2

4.00'

15.00'

PGL LT.

PCC +88.60

+53.00
42.00' LT.

51.50'

+03.00
30.00' LT.

439.50'

LUCKETT-3

℄ LUCKETT RD.

S-717

CONST. 18' OF
24" RCP

CONST. TYPE F
CURB & GUTTER

CONST. 345' OF
24" RCP

PC
+34.74
4.00' LT.

END TYPE I
CONC. TRAFFIC
SEPARATOR

+88.66
9.50' RT.

+88.66
13.50' RT.

71.71'

26.00'

59.28'

4' TYPE I CONC. TRAF. SEP.

PGL RT.

CONST. 82' OF
18" RCP

S-714

CONST. TYPE F
CURB & GUTTER

6' CONC. S/W

PROPOSED R/W

EASEMENT

S-716

CONST. 70' OF
18" RCP

CONST. TYPE E
CURB & GUTTER

FRONTAGE ROAD MILLING & RESURFACING

21.15

21.45

22

18

P.I. (LT. & RT.)
+00.00
EL. 22.17

(+) 0.322%

(-) 0.300%

PGL (LT. & RT.)
LUCKETT RD.

EXIST. GROUND LINE (RT.)

EXIST. GROUND LINE (LT.)

(+) 0.000%

DPI +00
EL. 18.00

DPI +00
EL. 18.00

19.61

19.27

DPI +00
EL. 16.20

(-) 0.700%

DITCH LT.

DPI +00.00
EL. 15.50

(-) 2.300%

DPI +00.00
EL. 13.20

(+) 2.300%

DPI +00.00
EL. 15.50

19.10

18.88

1"=40' HORIZ.
1"=4' VERT.

403+00 404+00 405+00 406+00 407+00 408+00

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TAMPA, FLORIDA 33610
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
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FLORIDA
DEPARTMENT
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# PLAN/PROFILE SHEET
# LUCKETT ROAD (3)

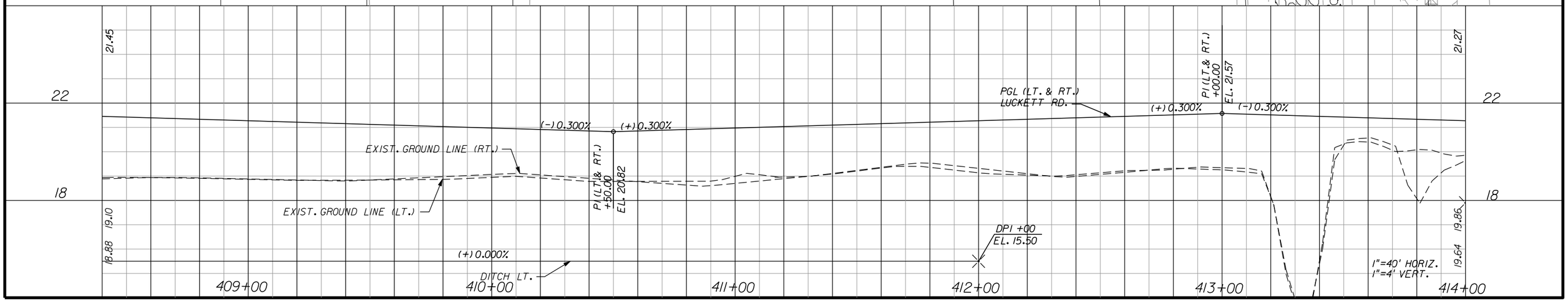
SHEET NO.
74

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CURVE DATA LUCKETT-3
PI STA. = 408+02.61
DELTA = 4° 42' 27" (LT)
D = 0° 45' 00"
T = 314.01
L = 627.68
R = 7,639.44
PCC STA. = 404+88.60
PT STA. = 411+16.27
e = NC

CURVE DATA LUCKETT-4
PI STA. = 414+14.63
DELTA = 8° 55' 57" (LT)
D = 1° 30' 00"
T = 298.36
L = 595.50
R = 3,819.72
PC STA. = 411+16.27
PRC STA. = 417+11.78
e = NC

EXIST. 12"X18" CMP & MES (TO REMAIN)
EXIST. R/W
EXIST. 12"X18" CMP & MES (TO REMAIN)
REMOVE EXIST. MES CONST. CONC. COLLAR INDEX 280
CONST. 43' OF 18" RCP
CONST. 117' OF 18" RCP
15'R (TYP.)
CONST. RIP RAP
SECTION 9
SECTION 16
PROP. R/W
+86.72 112.23' LT.
+85.60 106.39' LT.
+43.9
1"=40'
+28.4
+66.3
+99.3
709
710
711
712
713
414
N 89° 8' 56" E
℄ FRONTAGE RD.
PC +00.08
FRONT-1
PRC +85.95
FRONT-2
PT +71.82
S 89° 8' 56" W
24.00'
PC +38.61
+45.26 12.58' LT.
S-722
S-723
70'R
+68.61 94.21' LT.
+67.49 83.57' LT.
15'R
31.7'R
SECTION 10
SECTION 15
CONST. 92' OF 18" RCP
+48.41 85.44' LT.
+19.01 12.00' RT.
CONST. 45' OF 18" RCP
FRONT-3
+20.17 82.81' LT.
27.25'R
S-720
+34.20 62.22' LT.
+40.59 52.76' LT.
35'R
CR-20
END MILLING & RESURFACING
BEGIN CONSTRUCTION
STA. 710+00.00
EXIST. R/W
CONST. 111' OF 18" RCP
PT +27.24
CONST. 181' OF 2-5'x6' CBC
S-719
+34.60 37.00' LT.
CR-20
+53.73 9.50' LT.
+17.90 9.50' LT.
S-721
+70.31 37.00' LT.
+84.73 6.50' LT.
27.50'
6.50'
71.71'
6' CONC. S/W
CONST. TYPE F CURB & GUTTER
CONST. 24" RCP
PT +60.34 6.09' LT.
+60.37 4.59' LT.
5528'R
410
411
412
413
409
PGL LT.
CONST. CONC. TRAFFIC SEP. SPECIAL (3" WIDE)
PT +16.27
4.00'
26.00'
4.00'
15.00'
59.28'
26.00'
CONST. TYPE E CURB & GUTTER
LUCKETE-3
PGL RT.
END TYPE E CURB & GUTTER +60.44 0.00' LT.
℄ LUCKETT RD.
LUCKETE-4
PC +16.27
+00.57 15.00' RT.
26.00'
S-718
CONST. 72' OF 18" RCP
CONST. TYPE F CURB & GUTTER
6' CONC. S/W
1.5'R
PGL RT.
+33.76 9.50' RT.
CONST. CONC. TRAFFIC SEP. (SPECIAL)
+74.70 6.50' RT.
60'R
+14.63 8.29' LT.
5'R
+44.94 8.25' RT.
+41.64 9.50' RT.
50'R
+97.94 37.00' RT.
CR-20
+11.84 37.00' RT.
CONST. 41' OF 18" RCP
+75.80
+80.73
CR-3
CR-20
35'R
S-724
+63.61 71.60' RT.
BEGIN C & G +63.58 75.74' RT.
END C & G +46.09 74.40' RT.
SECTION 16
SECTION 15
GOLDEN GATE CANAL
LAKE RD.
STA. 713+66.86 ℄ FRONTAGE RD.=
STA. 412+84.93 ℄ LUCKETT RD.
PROPOSED R/W
CONST. RIP RAP
EASEMENT
FRONTAGE ROAD MILLING & RESURFACING
NOTE: FOR ADDITIONAL FRONTAGE ROAD INFORMATION SEE FRONTAGE ROAD PLAN/PROFILE




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CERTIFICATE OF AUTHORIZATION NO. 3114

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# PLAN/PROFILE SHEET
# LUCKETT ROAD (4)

SHEET NO.
75

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CURVE DATA LUCKETT-4
PI STA. = 414+14.63
DELTA = 8° 55' 57" (LT)
D = 1° 30' 00"
T = 298.36
L = 595.50
R = 3,819.72
PC STA. = 411+16.27
PRC STA. = 417+11.78
e = NC

CURVE DATA LUCKETT-5
PI STA. = 419+21.69
DELTA = 10° 27' 59" (RT)
D = 2° 30' 00"
T = 209.91
L = 418.66
R = 2,291.83
PRC STA. = 417+11.78
PT STA. = 421+30.43
e = NC

END C & G
+92.43
83.22' LT.

BEGIN C & G
+31.92
76.84' LT.

+89.99
66.52' LT.

+65.49
37.00' LT.

+56.44
37.00' LT.

+02.91
109.26' LT.

S-725

S-727

S-729

S-731

CR-20

CONST. 18" RCP

CONST. 14' OF 18" RCP

6" CONC. S/W

CONST. 41' OF 18" RCP

CONST. 250' OF 18" RCP

CONST. TYPE F CURB & GUTTER

SECTION 10
SECTION 15

EXIST. R/W

+67.96
11.00' LT.

PRC +11.78

LUCKETT-5

LUCKETT-4

℄ LUCKETT RD.

CONST. TYPE E CURB & GUTTER

CONST. 74' OF 18" RCP

CONST. TYPE F CURB & GUTTER

S-730

CONST. CONC. TRAFFIC SEPARATOR (SPECIAL)

+45.82
9.50' LT.

CONST. 73' OF 18" RCP

END CONC. TRAFFIC SEPARATOR (SPECIAL)
+98.40
6.50' RT.

PGL LT.

+98.40
9.50' RT.

CONST. 148' OF 18" RCP

6' CONC. S/W

CONST. CONC. TRAFFIC SEPARATOR (SPECIAL)

+05.76
9.50' RT.

PGL RT.

PROPOSED R/W

S-726

S-728

35' R

1.5'R

13.00'

11.00'

27.50'

55.00'

37.00'

6.50'

26.00'
62.23'

26.00'
59.63'

414

415

416

417

418

419

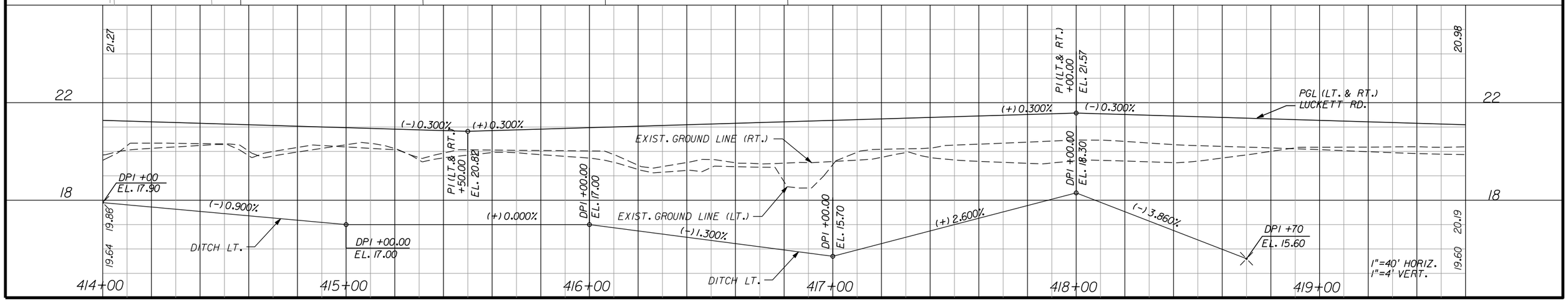
N

1" = 40'

12 W

8 FM

6 W




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# PLAN/PROFILE SHEET
# LUCKETT ROAD (5)

SHEET NO. 76

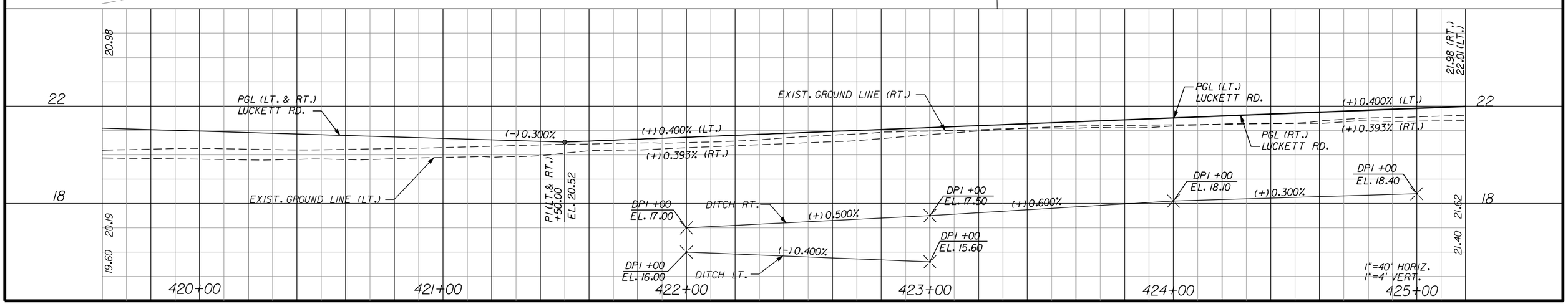
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CURVE DATA LUCKETT-5
PI STA. = 419+21.69
DELTA = 10° 27' 59" (RT)
D = 2° 30' 00"
T = 209.91
L = 418.66
R = 2,291.83
PRC STA. = 417+11.78
PT STA. = 421+30.43
e = NC

LIMITS OF MILLING AND RESURFACING

1" = 40'

EXIST. R/W
G-4
S-733
S-735
S-737
S-738
S-732
S-736
CONST. 24' OF 24" RCP
CONST. 17' OF 18" RCP
CONST. 15' OF 2-30" RCP
EXIST. MES (TO BE REMOVED)
EXIST. DBL. 30" RCP & MES (TO REMAIN)
CONST. 84' OF 18" RCP
CONST. 73' OF 18" RCP
CONST. 18" RCP
6' CONC. S/W
CONST. TYPE F CURB & GUTTER
CONST. TYPE E CURB & GUTTER
LUCKETE-5
PT +30.43
PGL LT.
PGL RT.
℄ LUCKETT RD.
N 88° 08' 02" E
N 89° 08' 02" E
SECTION 10
SECTION 15
+92.18 11.00' RT.
+82.99 37.00' RT.
+42.18 1.00' LT.
+32.92 49.00' RT.
+99.43 11.00' LT.
+99.43 1.00' LT.
PI +99.43
12 W
8 FM
4 FM
6 FM
SSV
62.23'
59.63'
26.00'
37.00'
49.00'
73.00'
50.00'
38.00'
11.00'
182.8'




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CERTIFICATE OF AUTHORIZATION NO. 3114

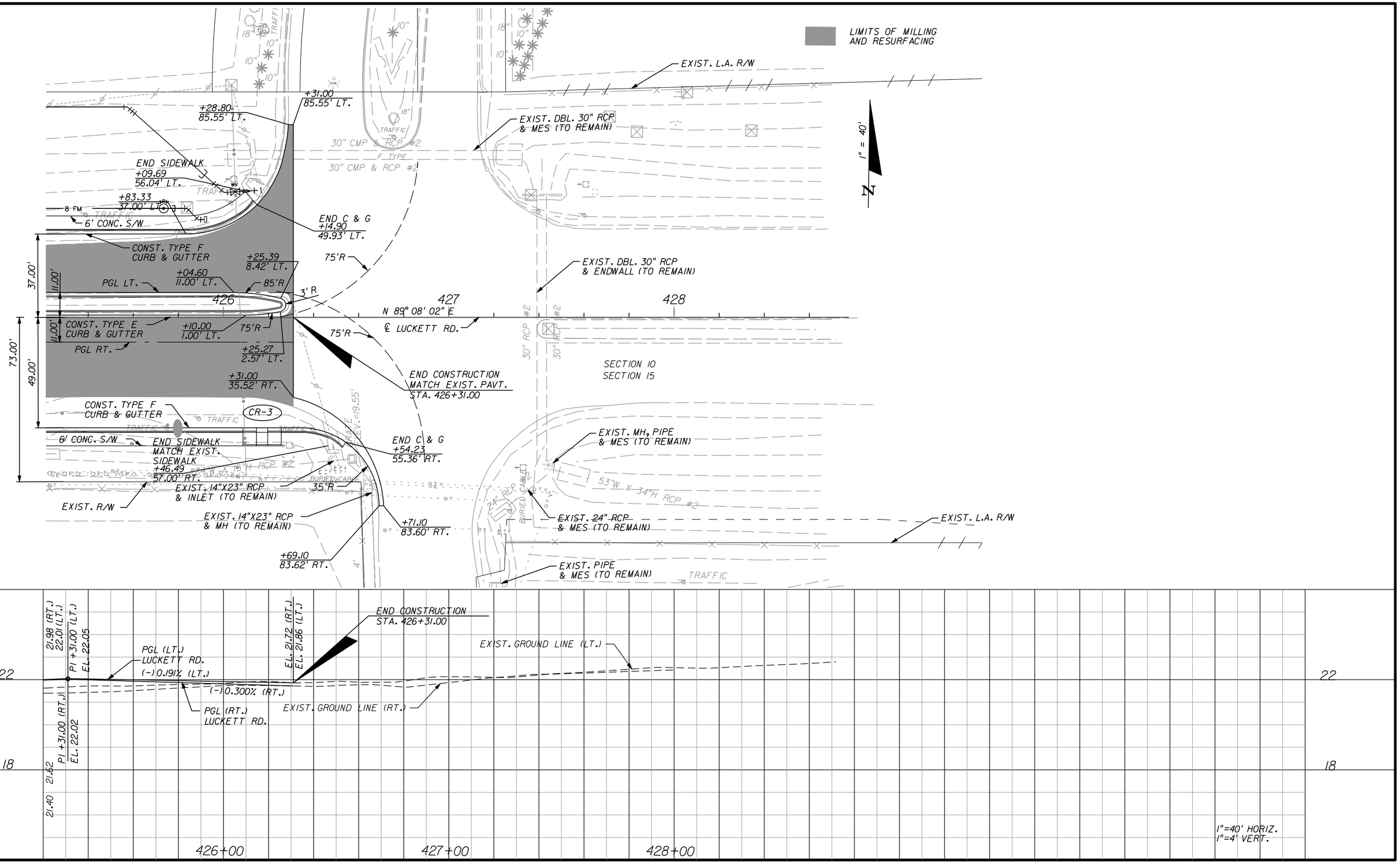

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# PLAN/PROFILE SHEET
# LUCKETT ROAD (6)

SHEET NO. 77

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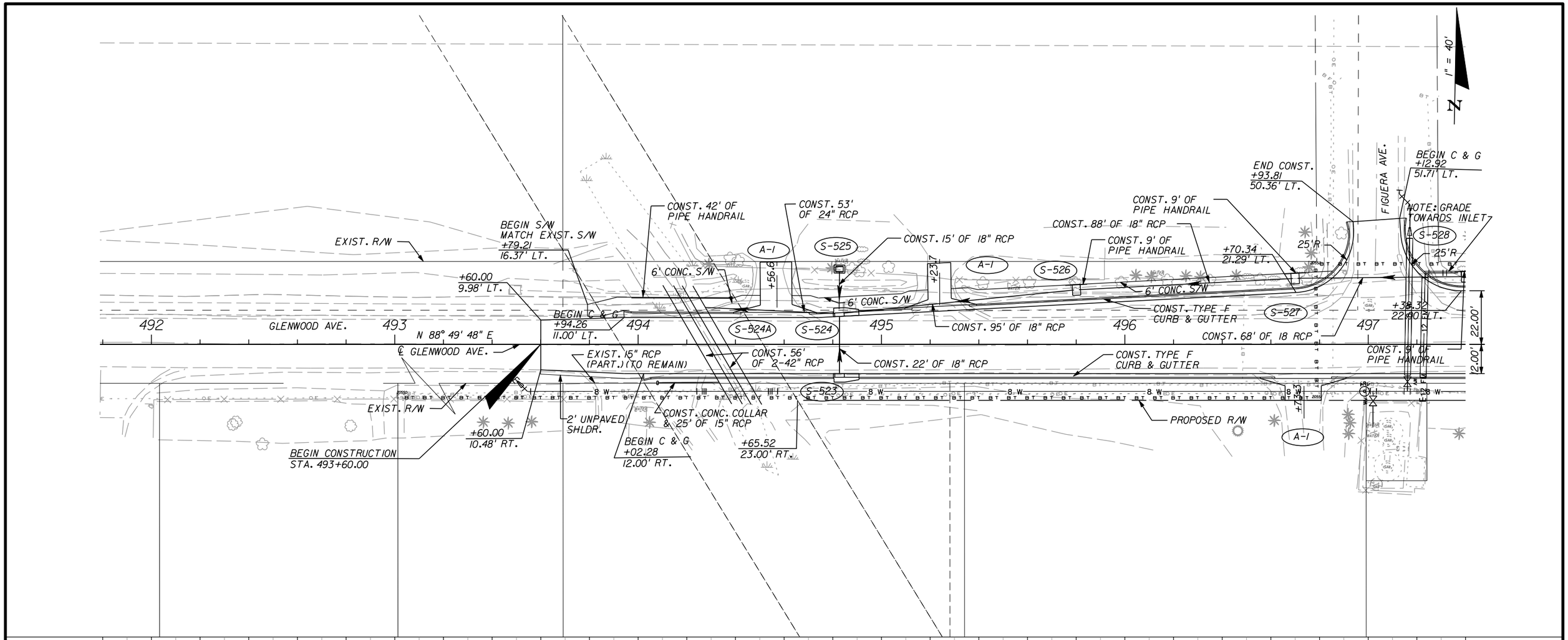

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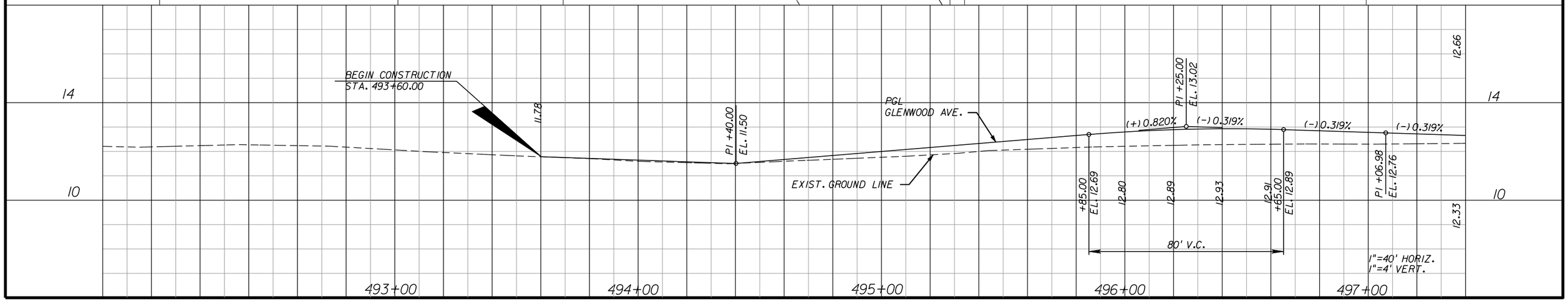

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# PLAN/PROFILE SHEET
# LUCKETT ROAD (7)

SHEET NO. 78

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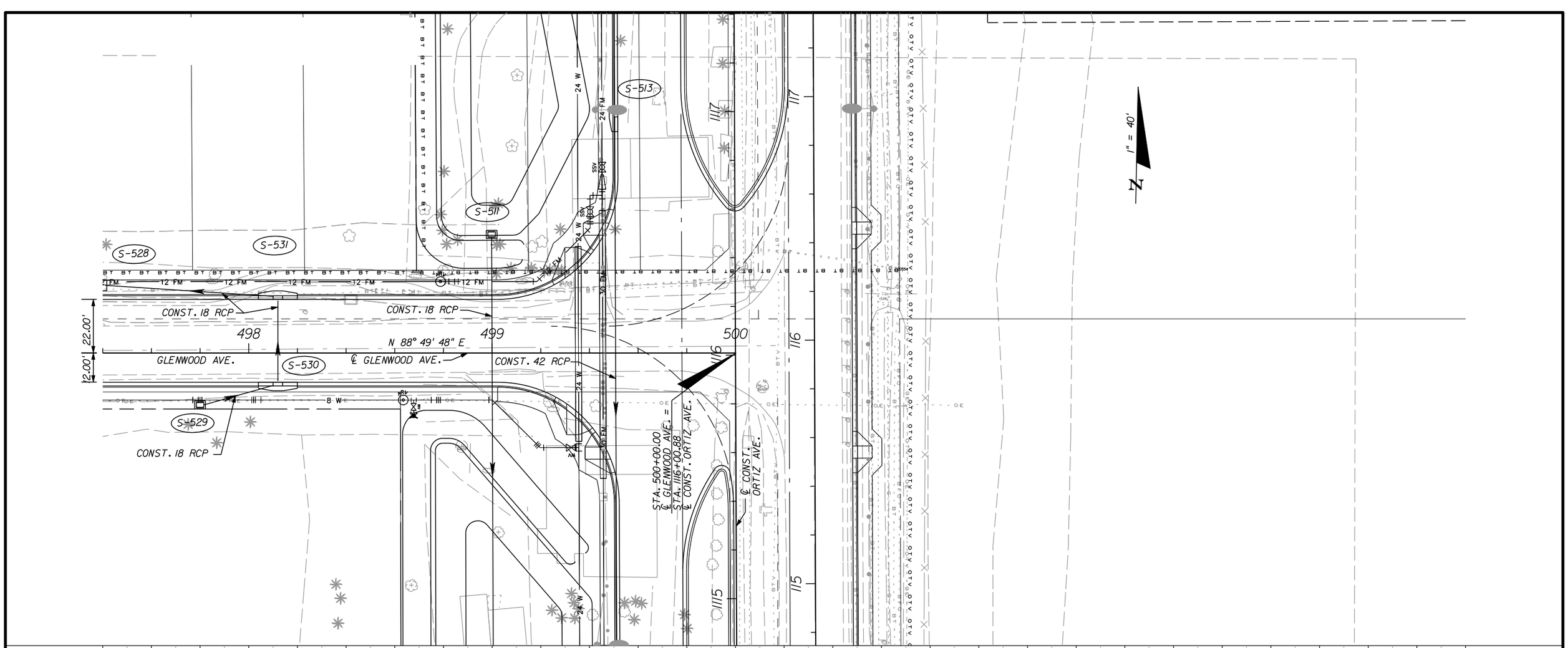

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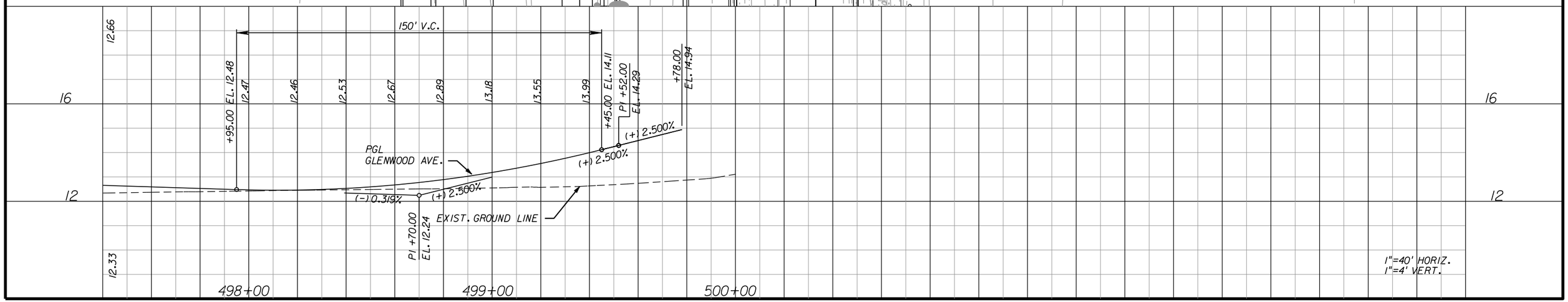

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# PLAN/PROFILE SHEET
# GLENWOOD AVENUE (1)

SHEET NO.
79

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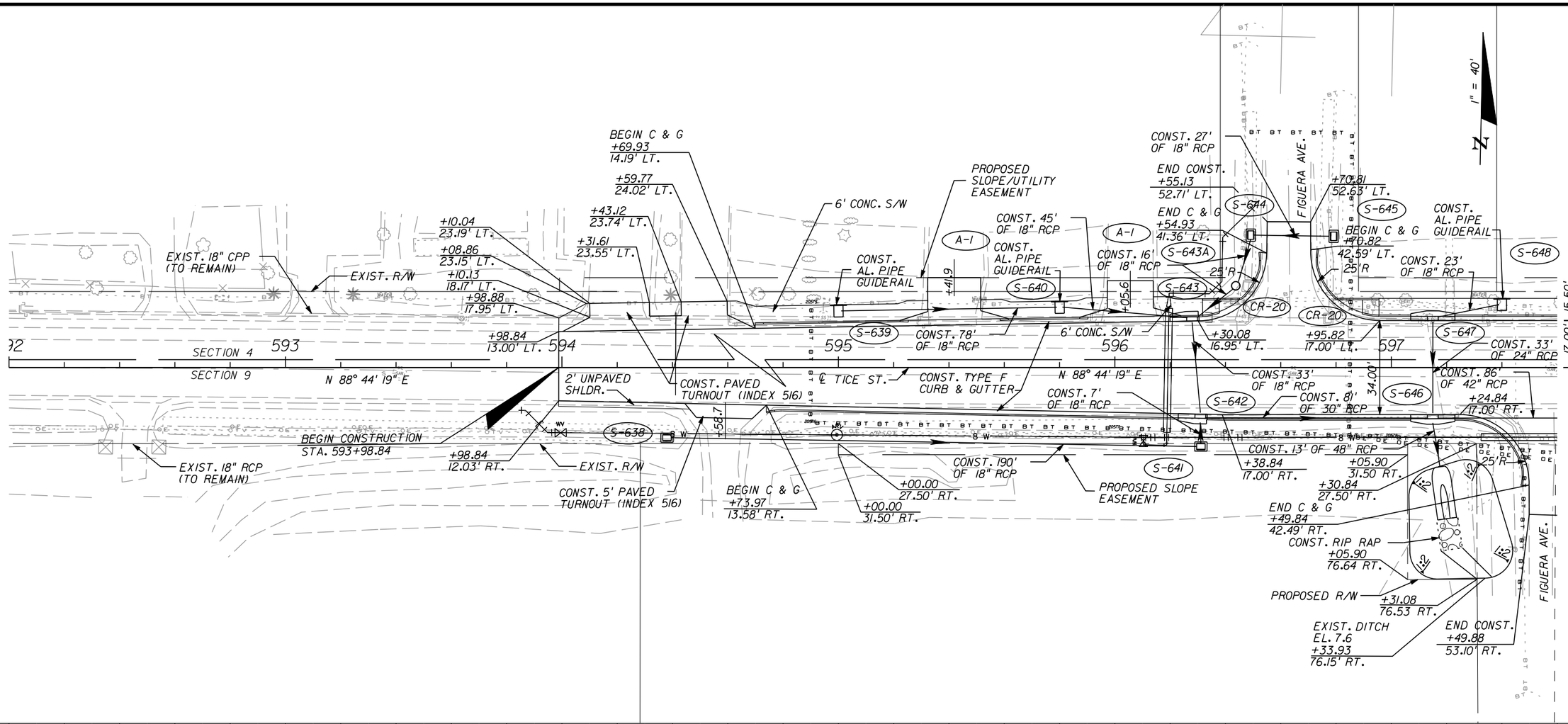
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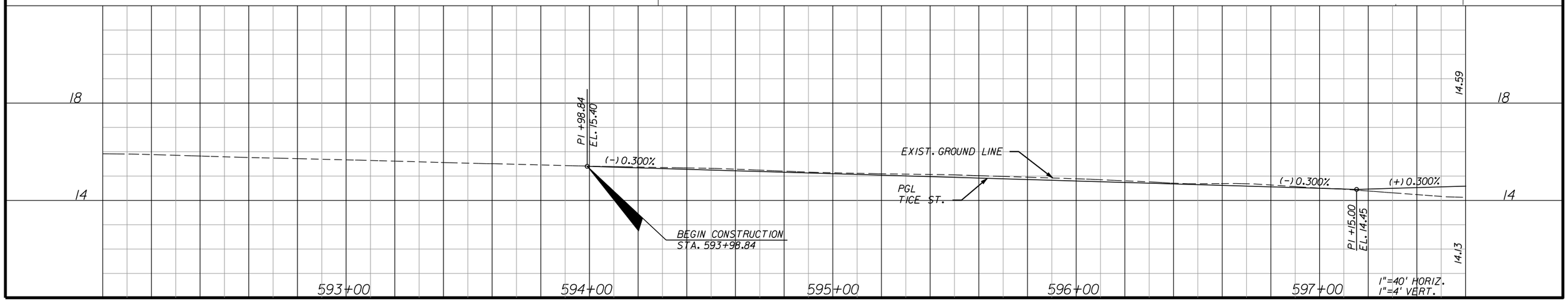
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# PLAN/PROFILE SHEET
# GLENWOOD AVENUE (2)

SHEET NO.
80

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# PLAN/PROFILE SHEET
# TICE STREET (1)

SHEET NO. 81

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FOR ALL INTERSECTION STATIONING AND OFFSETS, SEE TICE ST. INTERSECTION DETAIL (3)

1" = 40'

N

PROPOSED R/W

PROPOSED SLOPE/UTILITY EASEMENT

EXIST. R/W

+82.9

+10.52
75.50' LT.

+78.11
32.50' LT.

+14.80
46.00' LT.

+24.2

PROPOSED DRAINAGE/SLOPE EASEMENT

A-1

S-651

S-650

S-649

S-652

S-653

S-654

S-655

S-604B

S-605

6' CONC. S/W

CONST. TYPE F CURB & GUTTER

CONST. 33' OF 18" RCP

CONST. 42" RCP

CONST. 13' OF 18" RCP

CONST. 122' OF 42" RCP

CONST. 295' OF 24" RCP

CONST. 45' OF 30" RCP

CONST. 131' OF 36" RCP

CONST. 91' OF 18" RCP

CONST. 24" RCP

EXIST. MH (TO REMAIN)

EXIST. 24" RCP (TO REMAIN)

MAINTAINED R/W

+92.71
17.00' RT.

+80.84
37.50' RT.
25'R
END C & G
+67.71
41.51' RT.
END CONST.
+67.53
53.64' RT.

+74.92
27.72' RT.
+74.96
37.50' RT.
+74.97
38.50' RT.

+15.24
38.50' RT.
+20.99
43.16' RT.

STA. 600+81.56
℄ TICE ST. =
STA. 129+29.07
℄ SURVEY ORTIZ AVE.

STA. 600+00.00
℄ TICE ST. =
STA. 1129+39.27
℄ CONST. ORTIZ AVE.

℄ CONST. ORTIZ AVE.

℄ SURVEY ORTIZ AVE.

℄ TICE ST.

P.G.L.

N 88° 44' 19" E

S 88° 44' 19" W

SECTION 4
SECTION 9

TICE ST.

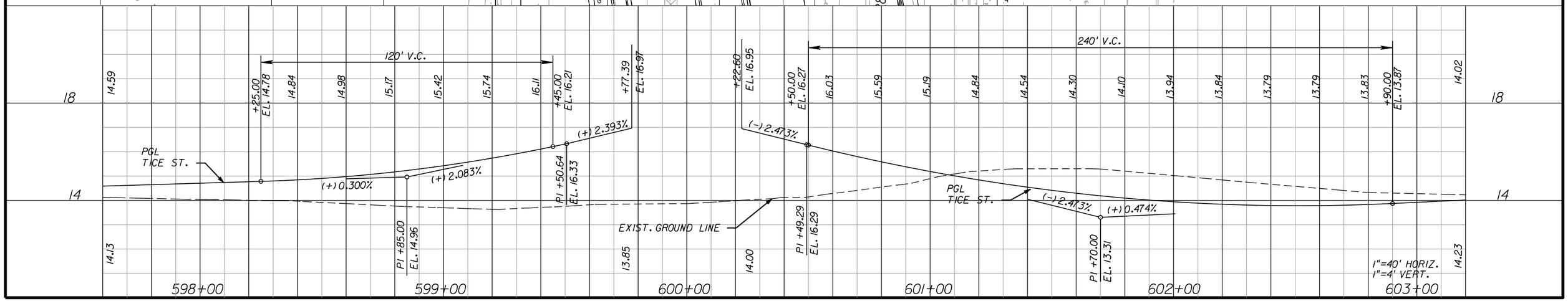
FIGUERA AVE.

598 599 600 601 602 603

27.50'
17.00'
15.50'
12.00'
29.00'

24 W
12 W

1130 1129 1128




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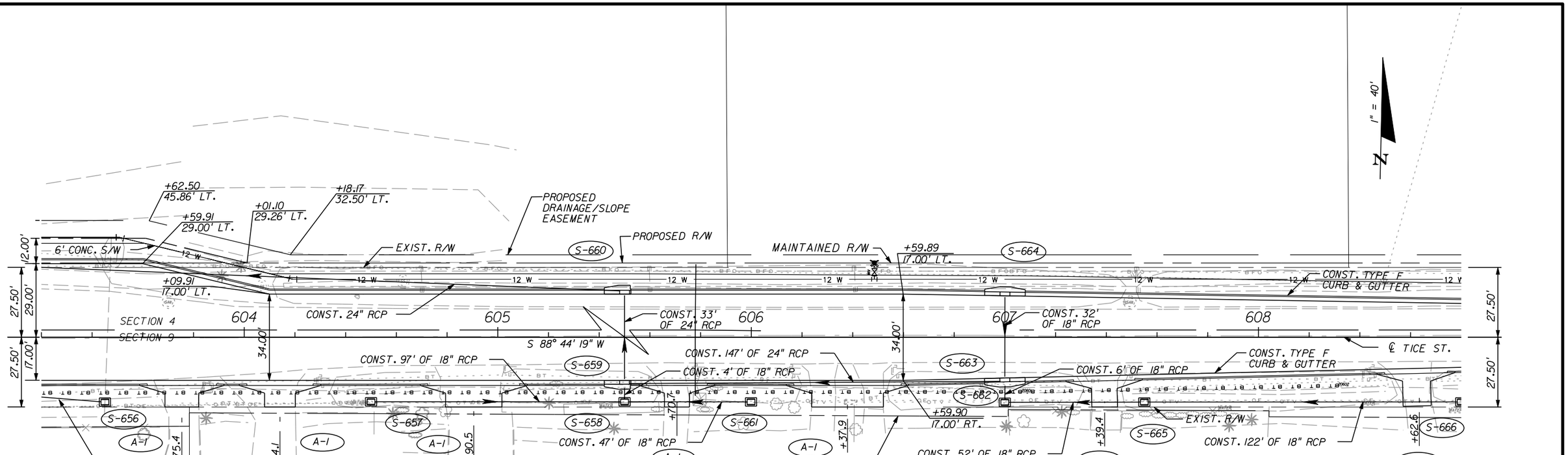

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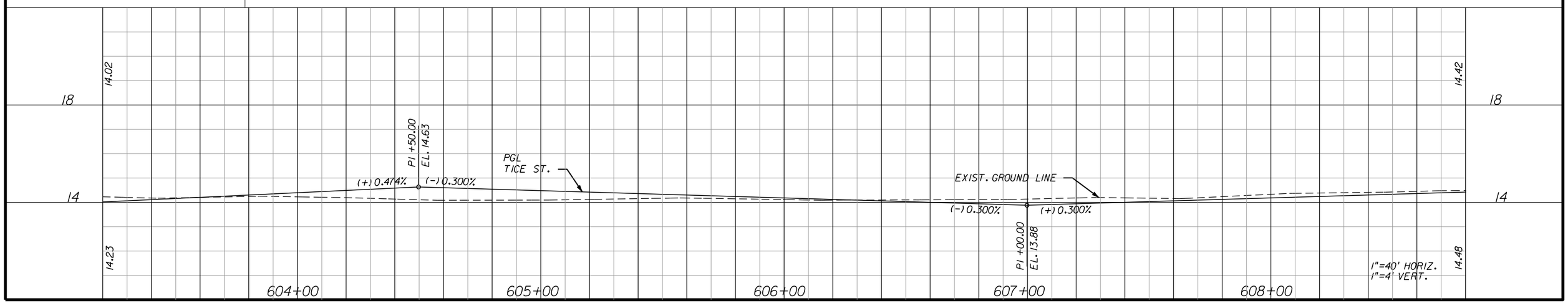

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# PLAN/PROFILE SHEET
# TICE STREET (2)

SHEET NO. 82

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|---|---|---|---|
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

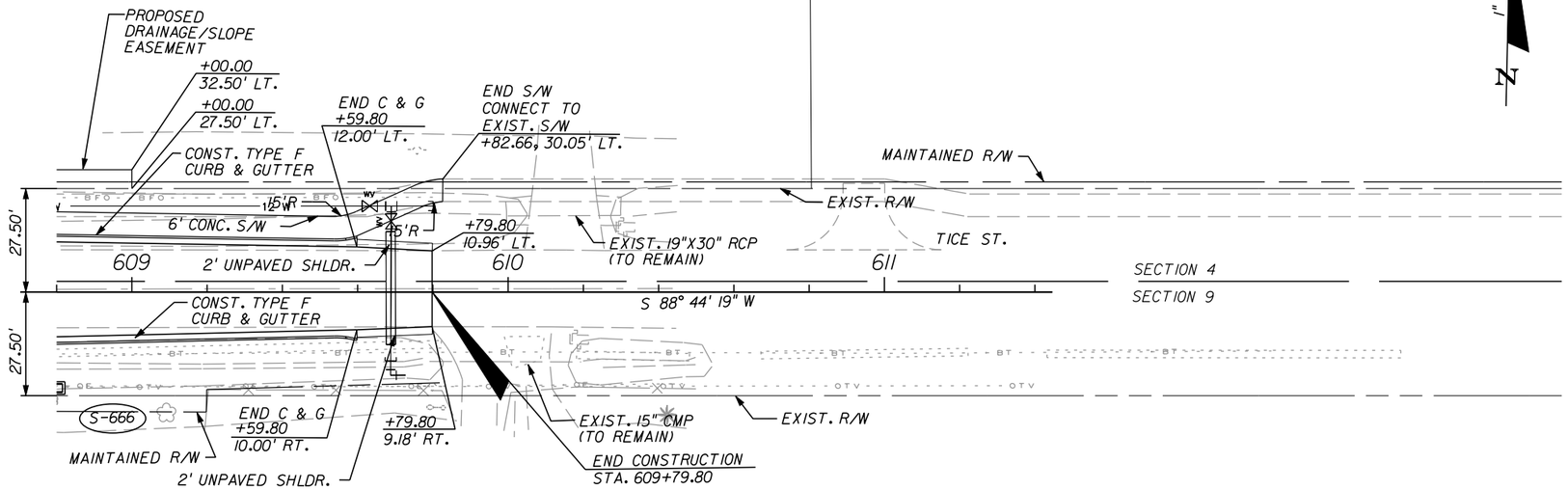
APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

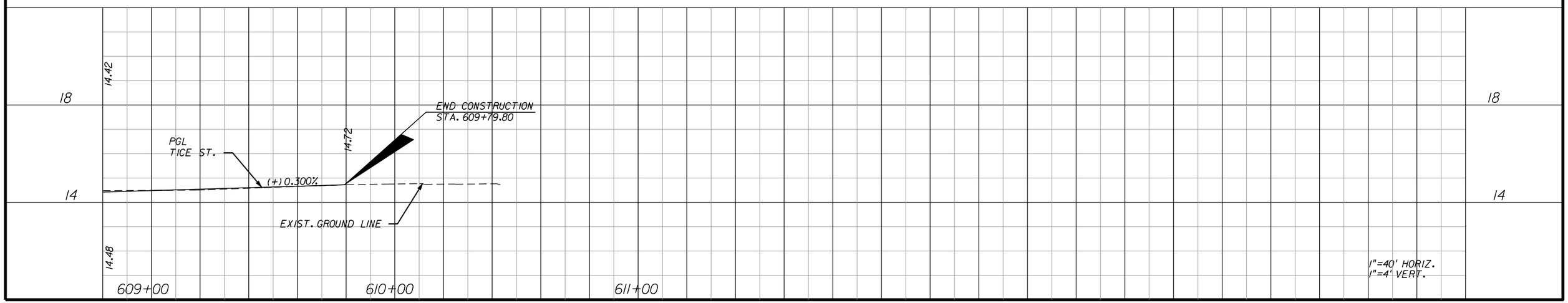
PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

# PLAN/PROFILE SHEET
# TICE STREET (3)

SHEET NO.
83

apeters
10/11/2010 4:18:57 PM p:\leecounty_05-8974ort1z\planset\roadway\plprrd43.dgn




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

PUBLIC WORKS
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DEPARTMENT of TRANSPORTATION
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# PLAN/PROFILE SHEET
# TICE STREET (4)

SHEET NO. 84

apeters

10/11/2010 4:19:16 PM p:\eecounty_05-8974ortiz\planset\roadway\plprrd44.DGN

CURVE DATA FRONT-1
PI STA. = 701+43.05
DELTA = 6° 00' 39" (LT)
D = 7° 00' 00"
T = 42.97
L = 85.87
R = 818.51
PC STA. = 710+00.08
PRC STA. = 710+85.95
e = NC

CURVE DATA FRONT-2
PI STA. = 711+28.92
DELTA = 6° 00' 39" (RT)
D = 7° 00' 00"
T = 42.97
L = 85.87
R = 818.51
PRC STA. = 710+85.95
PT STA. = 711+71.82
e = NC

CURVE DATA FRONT-3
PI STA. = 713+02.07
DELTA = 105° 47' 24" (RT)
D = 119° 21' 58"
T = 63.46
L = 88.63
R = 48.00
PC STA. = 712+38.61
PT STA. = 713+27.24
e = NC

EXIST. 12"X18" CMP & MES (TO REMAIN)
EXIST. R/W
REMOVE EXIST. MES
CONST. CONC. COLLAR INDEX 280
CONST. 43' OF 18" RCP
CONST. 117' OF 18" RCP
CONST. RIP RAP
SECTION 9 SECTION 10
PROP. R/W
15'R (TYP.)
+43.9
1"=40'
+86.72
112.23' LT.
+85.60
106.39' LT.
+68.61
94.21' LT.
15'R
31.7'R
+67.49
83.57' LT.
SECTION 10
SECTION 15
CONST. 92' OF 18" RCP
+48.41
85.44' LT.
15'R
35'R
CR-20
+34.20
62.22' LT.
+40.59
52.76' LT.
+70.31
37.00' LT.
+84.73
6.50' LT.
27.50'
6.50'
37.00'
55.00'
414
5'R
60'R
+44.94
8.25' RT.
50'R
+41.64
9.50' RT.
+97.94
37.00' RT.
CR-20
CONST. 41' OF 18" RCP
35'R
CR-20
S-724
+63.61
71.60' RT.
BEGIN C & G
+63.58
75.74' RT.
GOLDEN LAKE RD.
SECTION 15
SECTION 16
END C & G
+46.09
74.40' RT.
CONST. RIP RAP
PROPOSED R/W
EASEMENT
FRONTAGE ROAD MILLING & RESURFACING
N 89° 8' 56" E
℄ FRONTAGE RD.
709
710
711
712
713
S-722
S-723
S-720
S-719
S-718
S-721
FRONT-1
FRONT-2
FRONT-3
PRC +85.95
PC +00.08
PT +71.82
S 89° 8' 56" W
PC +38.61
+45.26
12.58' LT.
70'R
24.00'
+28.4
+66.3
+99.3
+19.01
12.00' RT.
27.25'R
+20.17
82.81' LT.
END MILLING & RESURFACING
BEGIN CONSTRUCTION
STA. 710+00.00
CONST. 45' OF 18" RCP
CONST. 111' OF 18" RCP
PT +27.24
CONST. 181' OF 2-5'x6' CBC
+34.60
37.00' LT.
27.50'
+53.73
9.50' LT.
L5'R
+17.90
9.50' LT.
6' CONC. S/W
CONST. TYPE F CURB & GUTTER
CONST. 24" RCP
CONST. CONC. TRAFFIC SEP. SPECIAL (3' WIDE)
PGL LT.
PT +60.34
6.09' LT.
+60.37
4.59' LT.
5528'R
410
411
412
409
PT +16.27
4.00'
PC +16.27
4.00'
℄ LUCKETT RD.
LUCKETE-3
LUCKETE-4
1.5'R
PGL RT.
+33.76
9.50' RT.
CONST. CONC. TRAFFIC SEP. (SPECIAL)
+74.70
6.50' RT.
60'R
+14.63
8.29' LT.
+11.84
37.00' RT.
CONST. 41' OF 18" RCP
END TYPE E CURB & GUTTER
+60.44
0.00' LT.
+00.57
15.00' RT.
CONST. 72' OF 18" RCP
CONST. TYPE E CURB & GUTTER
CONST. TYPE F CURB & GUTTER
6' CONC. S/W
+75.80
+80.73
CR-3
CR-209
35'R
71.71'
26.00'
4.00'
15.00'
26.00'
59.28'
STA. 713+66.86 ℄ FRONTAGE RD.=
STA. 412+84.93 ℄ LUCKETT RD.

END MILLING & RESURFACING
BEGIN CONSTRUCTION
STA. 710+00.00
100' V.C.
+15.00
EL. 20.20
20.19
20.20
20.26
20.39
20.58
+15.00
EL. 20.76
+55.09
EL. 21.54
(+) 2.226%
(+) 0.214%
(+) 1.326%
PGL
FRONTAGE RD.
EXIST. GROUND LINE
PI +65.00
EL. 20.10
PI +27.24
EL. 20.92
20.66
20.66
19.29
23
19
709+00
710+00
711+00
712+00
713+00
1"=40' HORIZ.
1"=4' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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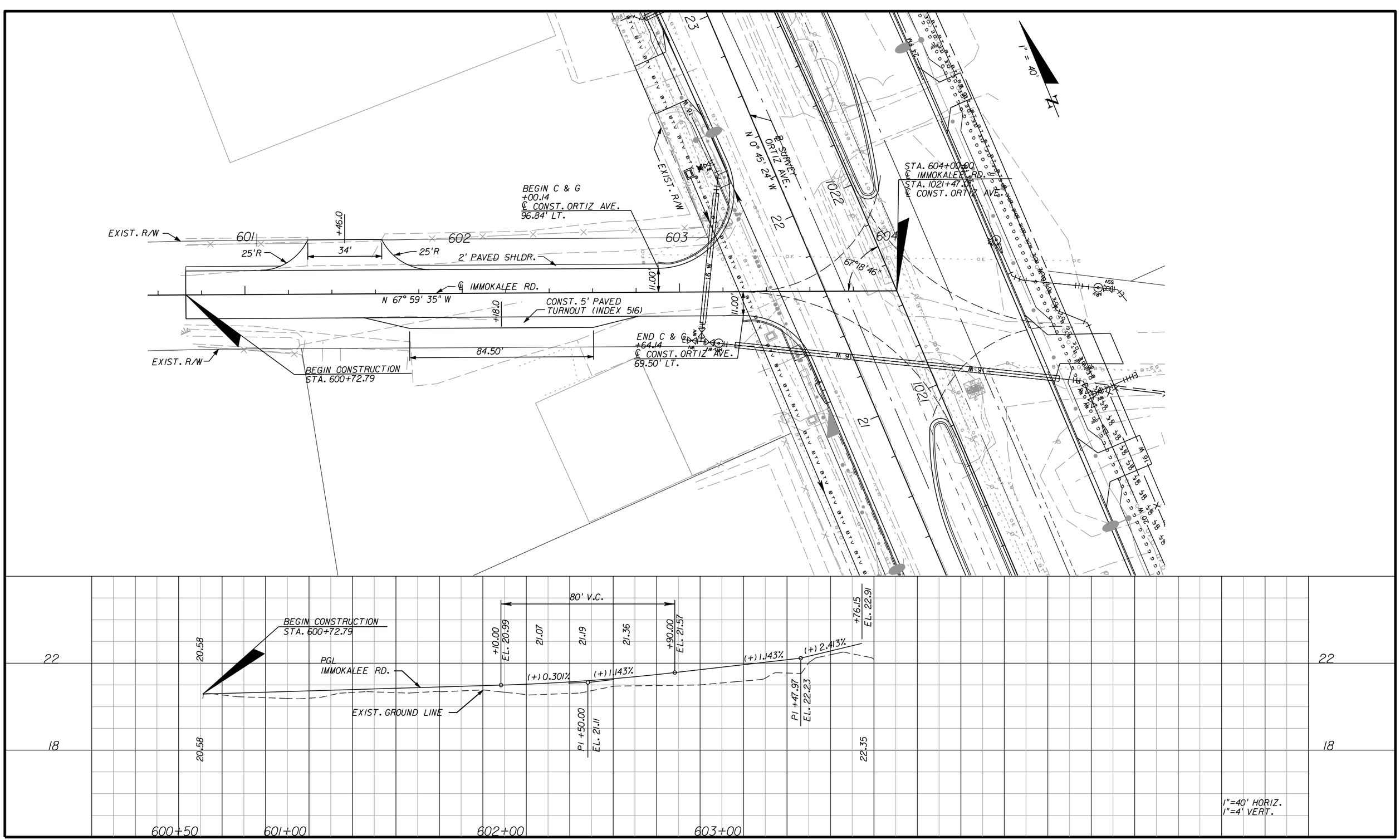

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
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# PLAN/PROFILE SHEET FRONTAGE ROAD (1)

SHEET NO. 85

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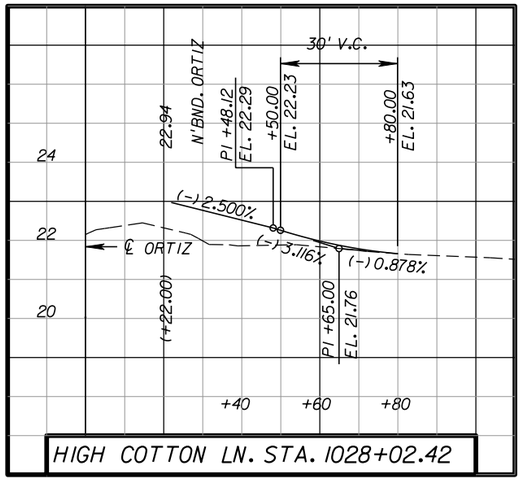

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PUBLIC WORKS
LEE COUNTY
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DEPARTMENT
of
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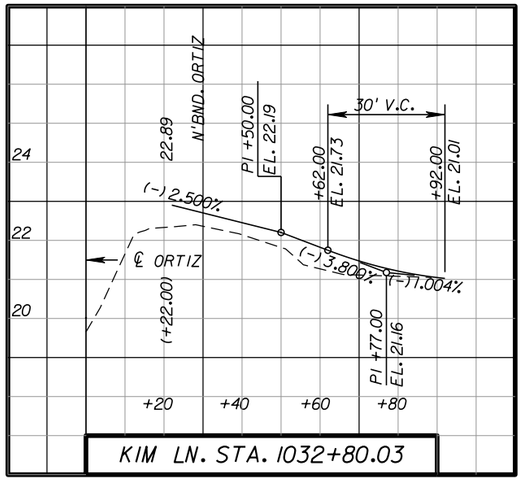

# PLAN/PROFILE SHEET
# IMMOKALEE ROAD

SHEET NO.
86

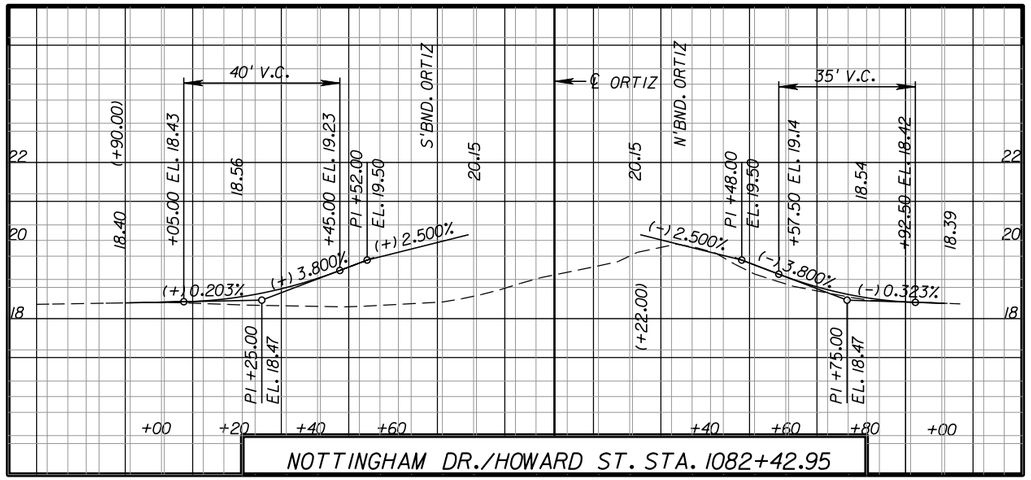
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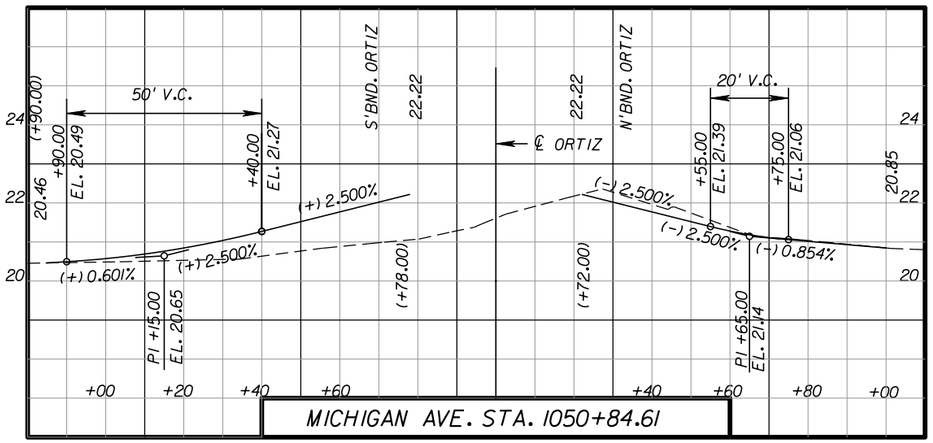

HIGH COTTON LN. STA. 1028+02.42



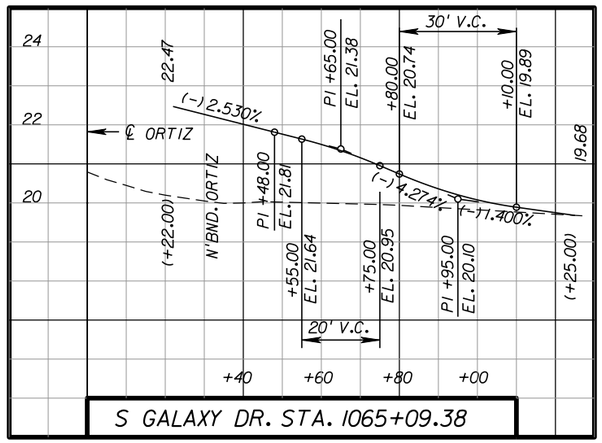

KIM LN. STA. 1032+80.03



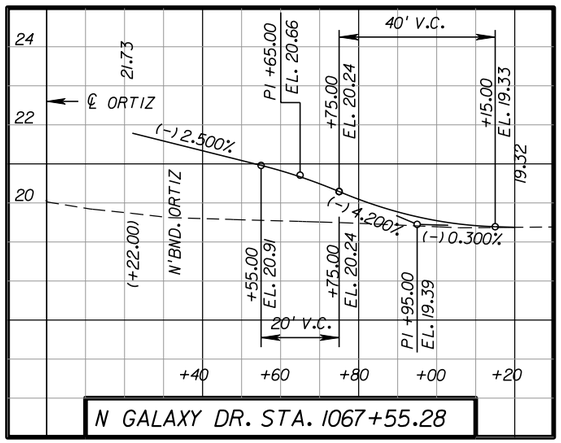

NOTTINGHAM DR./HOWARD ST. STA. 1082+42.95



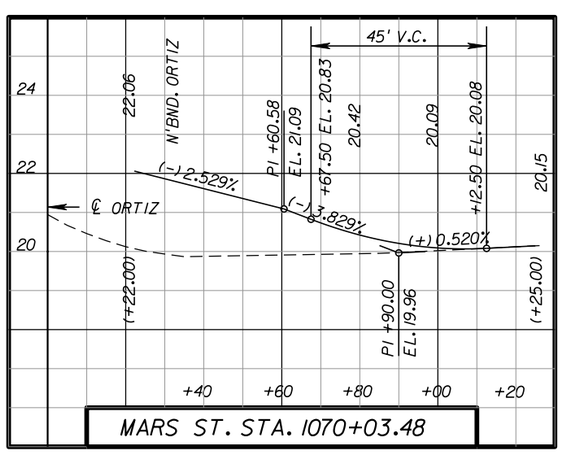

MICHIGAN AVE. STA. 1050+84.61



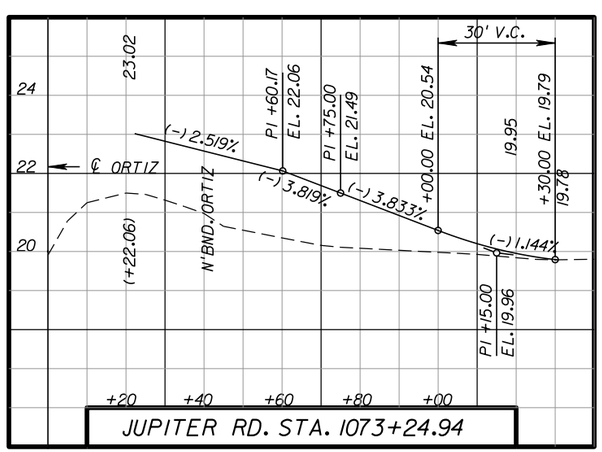

S GALAXY DR. STA. 1065+09.38



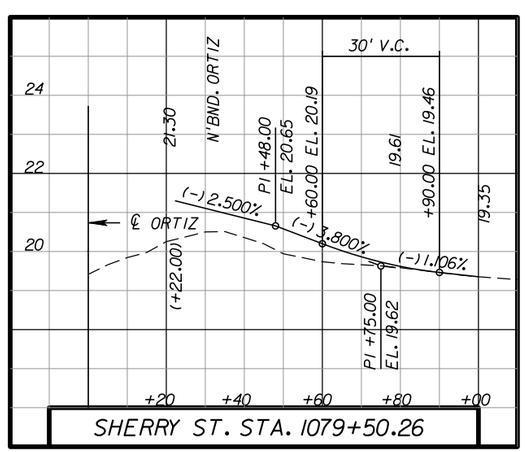

N GALAXY DR. STA. 1067+55.28



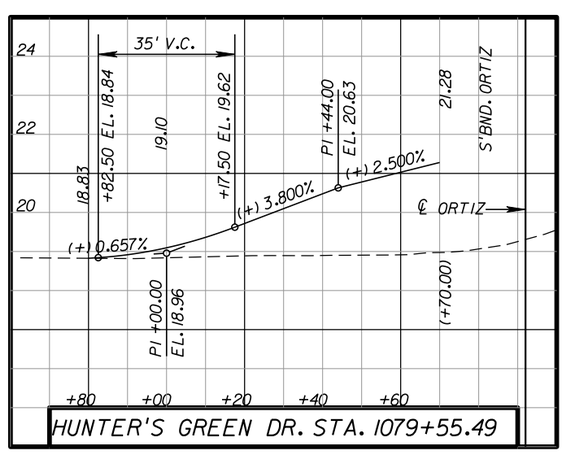

MARS ST. STA. 1070+03.48




JUPITER RD. STA. 1073+24.94




SHERRY ST. STA. 1079+50.26




HUNTER'S GREEN DR. STA. 1079+55.49

SCALE:
1"=40' HORIZ.
1"=4' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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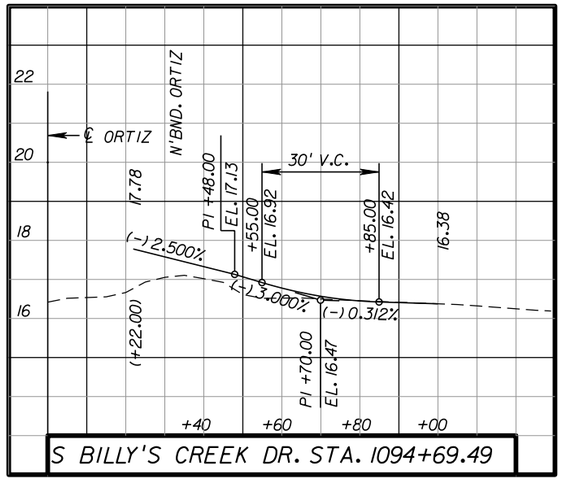
PUBLIC WORKS
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FORT MYERS, FLORIDA 33901
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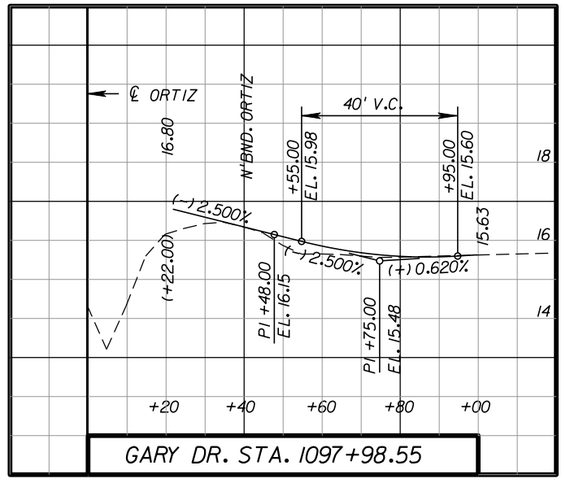
# SIDE STREET PROFILES (1)

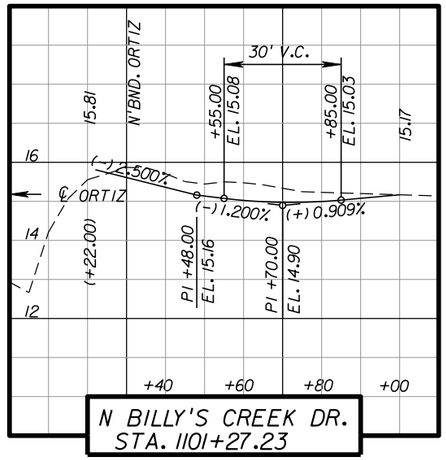
SHEET NO. 87

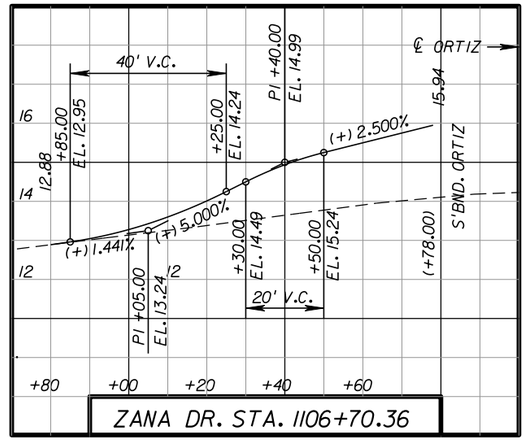
apeters

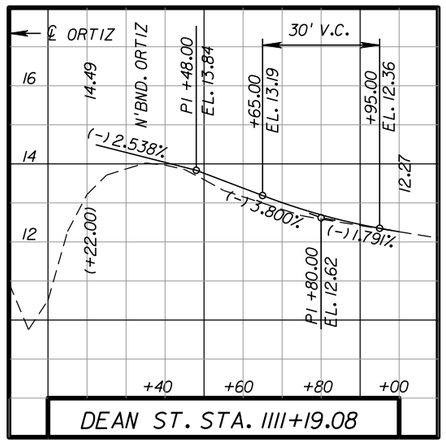
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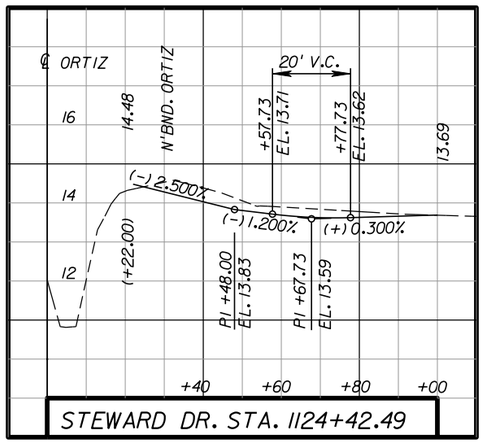


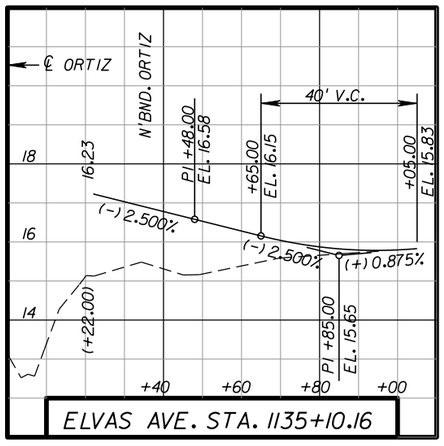



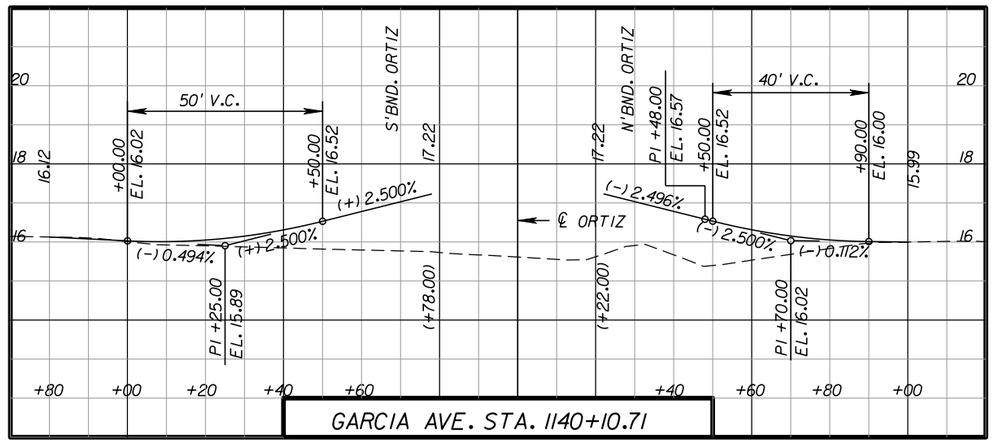



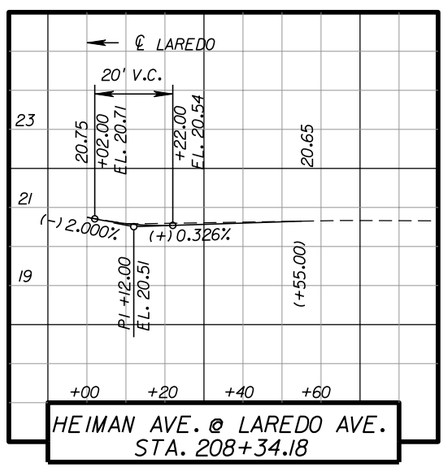



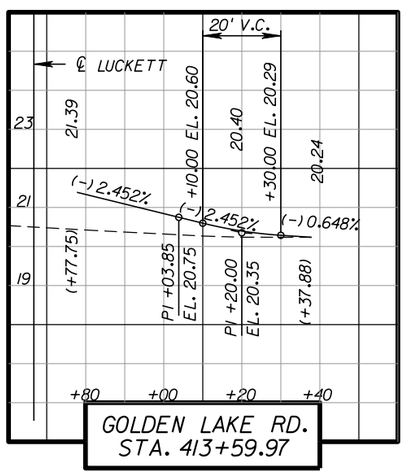



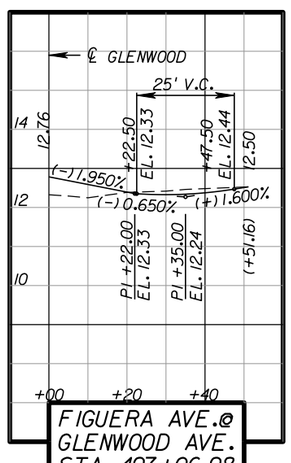



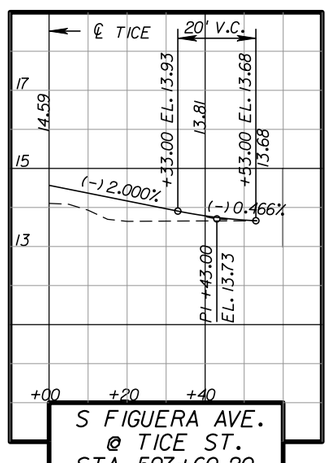



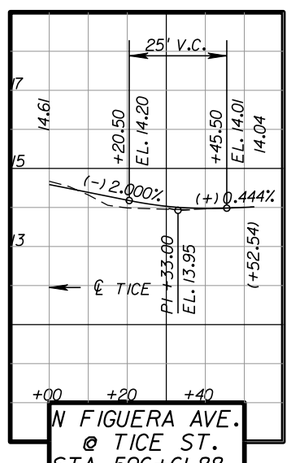




SCALE:
1"=40' HORIZ.
1"=4' VERT.

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# SIDE STREET PROFILES (2)

SHEET NO.
88

BALLARD RD.

EXIST. R/W

PROPOSED R/W

S-317

120'R

+24.57
60.00' LT.

+13.84
60.52' LT.
EL. 21.78

+03.21
62.08' LT.
EL. 21.73

EXIST. R/W

CONST. TYPE E
CURB & GUTTER

+38.65
1.00' RT.

PRC +36.35

75'R

100'R

5'R

+15.11
13.95' RT.

N 4° 43' 00" W

+15.59
4.57' RT.

1064

PGL LT.

+36.35
48.00' RT.

2816.8'R

S-318

+22.13
48.00' RT.
EL. 22.08

EXIST. R/W

6' CONC. S/W

PROPOSED R/W

ORTIZ AVE.

1" = 20'

N

+07.41
51.09' RT.
EL. 21.95

35'R

BALLARD RD.

S-343

+81.53
48.00' RT
EL. 22.20

(-12.50%

PGL RT.

+95.24
59.81' RT.
EL. 21.60

+76.12
26.12' LT.
℄ BALLARD RD.
EL. 21.22

CONST. TYPE F
CURB & GUTTER

+97.00
23.00' LT.
℄ BALLARD RD.
EL. 20.71

(-12.00%

34.00'

+86.68
13.52' LT.
℄ BALLARD RD.
EL. 21.17

6' CONC. S/W

200'R

CONST. TYPE F
CURB & GUTTER

S-341

+70.92
11.63' LT.
℄ BALLARD RD.
EL. 21.09

+55.06
11.00' LT.
℄ BALLARD RD.

(-12.00%

+02.24
16.65' LT.
℄ BALLARD RD.
EL. 21.26

+17.51
21.00' LT.
℄ BALLARD RD.
EL. 21.38

+91.77
66.33' LT.
EL. 21.64

+82.21
74.01' LT.
EL. 21.51

40'R

+68.38
60.00' LT.
EL. 21.94

STA. 300+00.00
℄ BALLARD RD. =
STA. 1063+64.14
℄ CONST. ORTIZ AVE.

(-12.50%

(-1.27%

℄ CONST. ORTIZ AVE.

299

300

N 88° 40' 14" E

PGL

℄ BALLARD RD.

POT

STA. 300+06.05
℄ BALLARD RD. =
STA. 63+52.18
℄ SURVEY ORTIZ AVE.

(-10.04%

+40.86
0.00' LT.
℄ BALLARD RD.
EL. 22.08

+49.25
0.00' LT.
℄ BALLARD RD.
EL. 22.21

+50.91
0.00' LT.
℄ BALLARD RD.
EL. 22.21

+90.58
23.00' LT.
℄ BALLARD RD.
EL. 20.88

301

N 88° 40' 59" E

PGL

34.00'

(-12.00%

+90.00
23.00' RT.
℄ BALLARD RD.
EL. 20.95

+10.74
23.00' RT.
℄ BALLARD RD.
EL. 21.38

+24.85
25.97' RT.
℄ BALLARD RD.
EL. 21.64

S-316A

(+10.57%

STA. 300+00.00
℄ BALLARD RD. =
STA. 1063+52.71
℄ CONST. ORTIZ AVE.

83° 35' 14"
T.C.

98° 10' 18"
T.C.

(-12.50%

(-10.00%

+47.10
0.00' LT.
℄ BALLARD RD.
EL. 22.30

+33.84
11.00' RT.
℄ BALLARD RD.
EL. 20.41

+17.98
11.63' RT.
℄ BALLARD RD.
EL. 20.65

CONST. TYPE F
CURB & GUTTER

200'R

+02.22
13.52' RT.
℄ BALLARD RD.
EL. 20.89

+86.66
16.65' RT.
℄ BALLARD RD.
EL. 21.17

EXIST. R/W

+23.73
59.49' LT.
EL. 21.96

+36.08
48.00' LT.
EL. 22.34

CLCONST-3

+46.74
48.00' RT.
EL. 22.30

+31.78
62.29' RT
EL. 21.78

+71.39
21.00' RT.
℄ BALLARD RD.
EL. 21.48

S-340

CONST. TYPE F
CURB & GUTTER

S-342

35'R

+12.13
51.11' LT.
EL. 22.28

EXIST. R/W

℄ SURVEY ORTIZ AVE.

+21.24
54.24' RT.
EL. 22.05

EXIST. R/W

40'R

+98.43
48.00' LT.
EL. 22.44

+01.01
12.58' LT.

1063

63

5'R

75'R

100'R

+00.14
3.18' LT.

N 2° 09' 41" W

+08.66
49.92' RT.
EL. 22.26

120'R

+86.46
48.00' RT.
EL. 22.40

49.00'

+82.42
1.00' LT.

S-316

PROPOSED R/W

6' CONC. S/W

CONST. TYPE E
CURB & GUTTER

6' CONC. S/W

PROPOSED R/W

+58.13
22.00' LT.

26.00'

CURVE DATA CLCONST-3
PI STA. = 1062+19.54
DELTA = 8° 41' 20" (RT.)
D = 2° 00' 00"
T = 217.64
L = 434.45
R = 2,864.79
PC STA. = 1060+01.90
PT STA. = 1064+36.35
e = NC

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APPROVED BY:
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# INTERSECTION DETAIL (1)
## BALLARD RD.

SHEET NO. 89

CURVE LUCKETT-1
PI STA. = 397+24.34
DELTA = 10° 23' 59" (RT.)
D = 2° 30' 00"
T = 208.57
L = 415.99
R = 2,291.83
PC STA. = 395+15.77
PCC STA. = 399+31.76

CURVE LUCKETT-2
PI STA. = 402+10.67
DELTA = 8° 21' 09" (LT.)
D = 1° 30' 00"
T = 278.91
L = 556.84
R = 3,819.72
PCC STA. = 399+31.76
PT STA. = 404+88.60

EXIST. R/W
PROPOSED R/W
120'R
+98.14
56.00' LT.
+87.18
56.50' LT.
EL. 21.66
+76.32
58.00' LT.
EL. 21.60
40'R
+61.43
64.04' LT.
EL. 21.43
CONST. TYPE F
CURB & GUTTER
6' CONC. S/W
200'R
+50.11
75.45' LT.
EL. 21.20
+02.91
30.84' LT.
℄ LUCKETT RD.
EL. 20.96
+41.28
20.00' LT.
℄ LUCKETT RD.
EL. 20.11
+57.00
20.68' LT.
℄ LUCKETT RD.
EL. 20.33
+72.59
22.73' LT.
℄ LUCKETT RD.
EL. 20.54
+87.93
26.13' LT.
℄ LUCKETT RD.
EL. 20.74
(-)12.50%
LUCKETT-1
399
PCC STA. 399+31.76
℄ LUCKETT RD.
PRC STA. 399+31.76
+27.02
56.00' LT.
EL. 21.91
(-)12.50%
(-)10.05%
+39.50
0.00' RT.
℄ LUCKETT RD.
EL. 21.92
EXIST. R/W
LUCKETT RD.
+60.00
31.00' RT.
℄ LUCKETT RD.
EL. 21.65
(-)12.50%
31.00'
+48.78
0.00' RT.
℄ LUCKETT RD.
EL. 22.13
+07.01
31.00' RT.
℄ LUCKETT RD.
EL. 21.07
CONST. TYPE F
CURB & GUTTER
(+)10.32%
+24.15
33.87' RT.
℄ LUCKETT RD.
EL. 21.31
S-710
STA. 400+00.00
℄ LUCKETT RD. =
STA. 1075+96.94
℄ CONST. ORTIZ AVE.
(-)12.50%
+65.89
67.51' LT.
EL. 21.70
+75.18
55.97' LT.
EL. 22.12
50'R
6' CONC. S/W
PROPOSED R/W
+51.24
58.73' LT.
EL. 22.09
+34.34
55.44' LT.
EL. 22.28
PGL LT.
PROPOSED
DRAINAGE
EASEMENT
+16.98
10.30' LT.
5'R
+14.44
1.00' LT.
ORTIZ AVE.
℄ CONST.
ORTIZ AVE.
EXIST. R/W
CONST. TYPE E
CURB & GUTTER
100'R
5'R
+79.50
5.00' RT.
+77.61
14.63' RT.
076
400
99° 26' 42"
POT
N 0° 48' 30" W
PGL RT.
℄ SURVEY
ORTIZ AVE.
6' CONC. S/W
EXIST. R/W
LUCKETT RD.
1" = 20'
N
+74.86
48.00' RT.
EL. 21.73
+57.40
51.19' RT.
EL. 21.63
701
℄ FRONTAGE RD.
STA. 76+40.96
+42.11
60.22' RT.
EL. 21.38
50'R
(-)12.50%
+31.77
48.00' RT.
EL. 21.90
+68.28
45.11' LT.
℄ LUCKETT RD.
EL. 21.11
+85.96
42.00' LT.
℄ LUCKETT RD.
EL. 20.85
EXIST. R/W
CONST. TYPE F
CURB & GUTTER
(-)10.76%
+25.00
42.00' LT.
℄ LUCKETT RD.
EL. 20.15
+42.10
4.00' LT.
℄ LUCKETT RD.
EL. 22.19
EXIST. R/W
51.50'
(-)12.50%
401
STA. 400+32.92
℄ LUCKETT RD. =
STA. 75+85.66
℄ SURVEY ORTIZ AVE.
LUCKETT-2
+09.59
9.50' RT.
℄ LUCKETT RD.
CONST. 4' TYPE I CONC.
TRAFFIC SEPARATOR
2'R
+66.90
15.00' RT.
℄ LUCKETT RD.
EL. 21.88
+09.59
13.50' RT.
℄ LUCKETT RD.
(+)10.19%
401+58.13
41.00' RT.
℄ LUCKETT RD.
EL. 20.35
+23.46
41.00' RT.
℄ LUCKETT RD.
EL. 20.81
27.50'
(-)12.50%
(-)12.50%
+45.99
60.07' RT.
EL. 21.93
+02.95
45.56' RT.
℄ LUCKETT RD.
EL. 21.09
CONST. TYPE F
CURB & GUTTER
+25.94
76.98' RT.
EL. 21.47
6' CONC. S/W
50'R

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# INTERSECTION DETAIL (2)
# LUCKETT RD.

SHEET NO.
90

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TICE ST.

EXIST. R/W

PROPOSED R/W

6' CONC. S/W

50'R

+13.52
53.13' LT.
EL. 15.78

+95.15
67.51' LT.
EL. 15.45

CONST. TYPE F
CURB & GUTTER

+03.54
22.25' LT.
℄ TICE ST.
EL. 15.15

+81.23
17.00' LT.
℄ TICE ST.
EL. 14.85

+46.44
0.00' RT.
℄ TICE ST.
EL. 16.24

+68.82
48.00' LT.
EL. 16.33

(-)12.50%

(-)12.00%

(+)10.53%

599

34.00'

℄ TICE ST.

N 88° 44' 19" E

PGL

STA. 600+00.00
℄ TICE ST. =
STA. 1129+39.27
℄ CONST. ORTIZ AVE.

1130

CLCONST-7

PGL LT.

℄ CONST.
ORTIZ AVE.

600

ORTIZ AVE.

PGL RT.

+14.61
17.00' RT.
℄ TICE ST.
EL. 15.31

(-)12.00%

+31.30
19.87' RT.
℄ TICE ST.
EL. 15.55

(-)10.76%

+54.69
0.00' RT.
℄ TICE ST.
EL. 16.43

(-)12.50%

+33.01
48.00' LT.
EL. 16.30

+23.86
58.90' LT.
EL. 15.81

103° 18' 26"
T.C.

CONST. TYPE F
CURB & GUTTER

EXIST. R/W

S-652

50'R

+08.58
50.80' LT.
EL. 16.06

6' CONC. S/W

+91.47
48.00' LT.
EL. 16.16

PROPOSED
DRAINAGE
EASEMENT

PROPOSED R/W

1129

CURVE DATA BLSUR-1
PI STA. = 130+35.20
DELTA = 30° 41' 36" (LT.)
D = 8° 00' 00"
T = 196.56
L = 383.67
R = 716.20
PC STA. = 128+38.64
PT STA. = 132+22.31

CURVE DATA CLCONST-7
PI STA. = 1130+45.38
DELTA = 31° 21' 36" (LT.)
D = 2° 45' 00"
T = 584.86
L = 1,140.36
R = 2,083.48
PC STA. = 1124+60.52
PT STA. = 1136+00.89
e = NC

+94.85
48.00' RT.
EL. 16.31

+79.12
50.73' RT.
EL. 16.16

6' CONC. S/W

130

℄ SURVEY
ORTIZ AVE.

+65.19
58.59' RT.
EL. 15.81

50'R

(-)12.50%

+57.32
48.00' RT.
EL. 16.33

+65.12
31.67' LT.
℄ TICE ST.
EL. 15.41

(-)10.45%

+42.38
0.00' RT.
℄ TICE ST.
EL. 16.46

BLSURV-1

STA. 129+31.94

+11.14
48.00' RT.
EL. 16.24

(+)10.24%

+53.15
0.00' RT.
℄ TICE ST.
EL. 16.20

(-)12.50%

STA. 600+81.56
℄ TICE ST. =
STA. 129+29.07
℄ SURVEY ORTIZ AVE.

129

+86.73
78.49' RT.
EL. 15.11

50'R

+70.24
64.87' RT.
EL. 15.49

+49.59
60.00' RT.
EL. 15.64

PC STA. 128+38.64

3.5'R

+63.40
7.29' LT.

+61.28
1.00' LT.

75'R

61.00'

CONST. TYPE E
CURB & GUTTER

6' CONC. S/W

EXIST. R/W

+81.22
29.00' LT.
℄ TICE ST.
EL. 15.06

PROPOSED
SLOPE EASEMENT

TICE ST. PROPOSED R/W

CONST. TYPE F
CURB & GUTTER

+90.00
29.00' LT.
℄ TICE ST.
EL. 14.86

(-)12.00%

601

46.00'

+26.79
17.00' RT.
℄ TICE ST.
EL. 14.40

(-)12.00%

+05.50
21.76' RT.
℄ TICE ST.
EL. 14.74

CONST. TYPE F
CURB & GUTTER

S-653

1" = 20'

N

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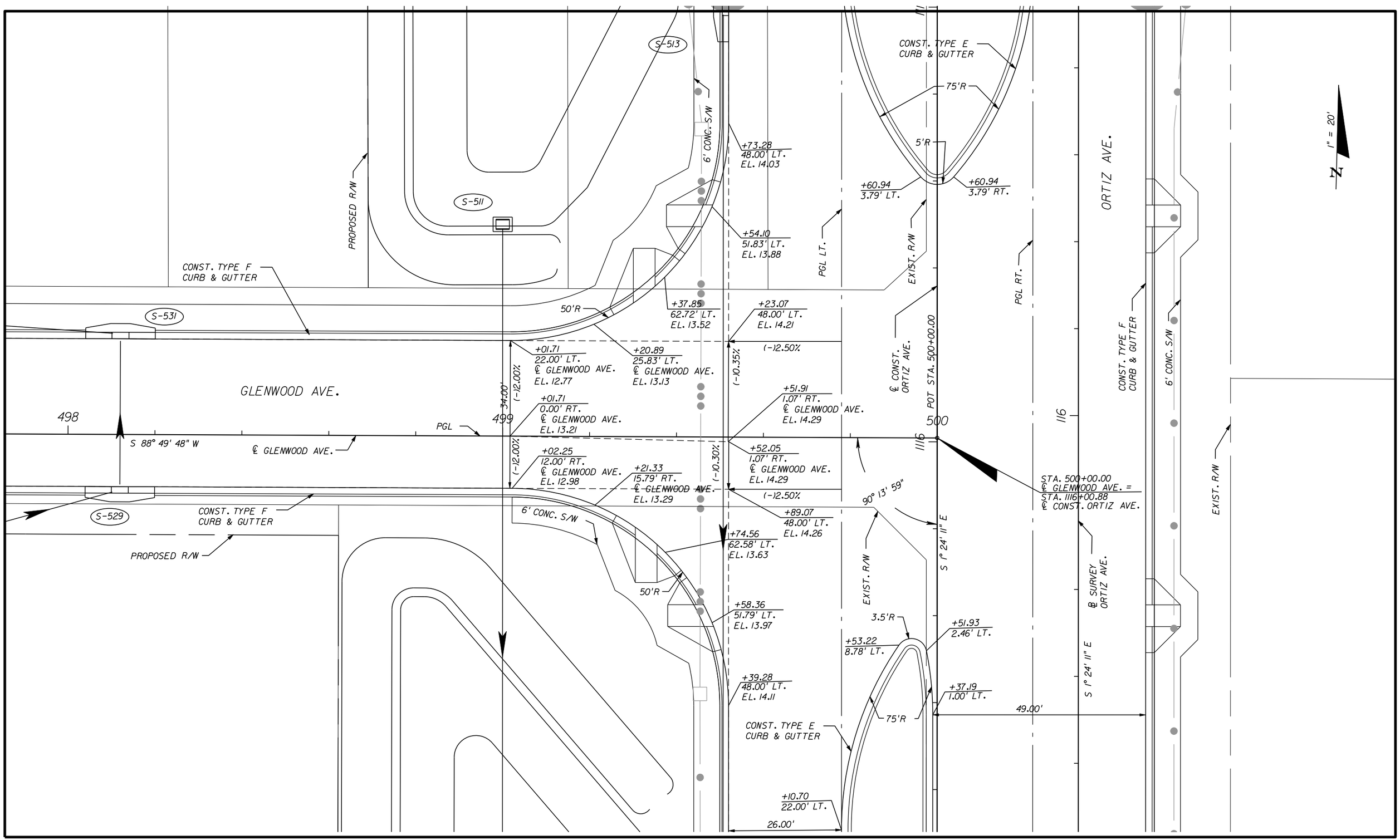

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# INTERSECTION DETAIL (3)
## TICE ST.

SHEET NO.
91

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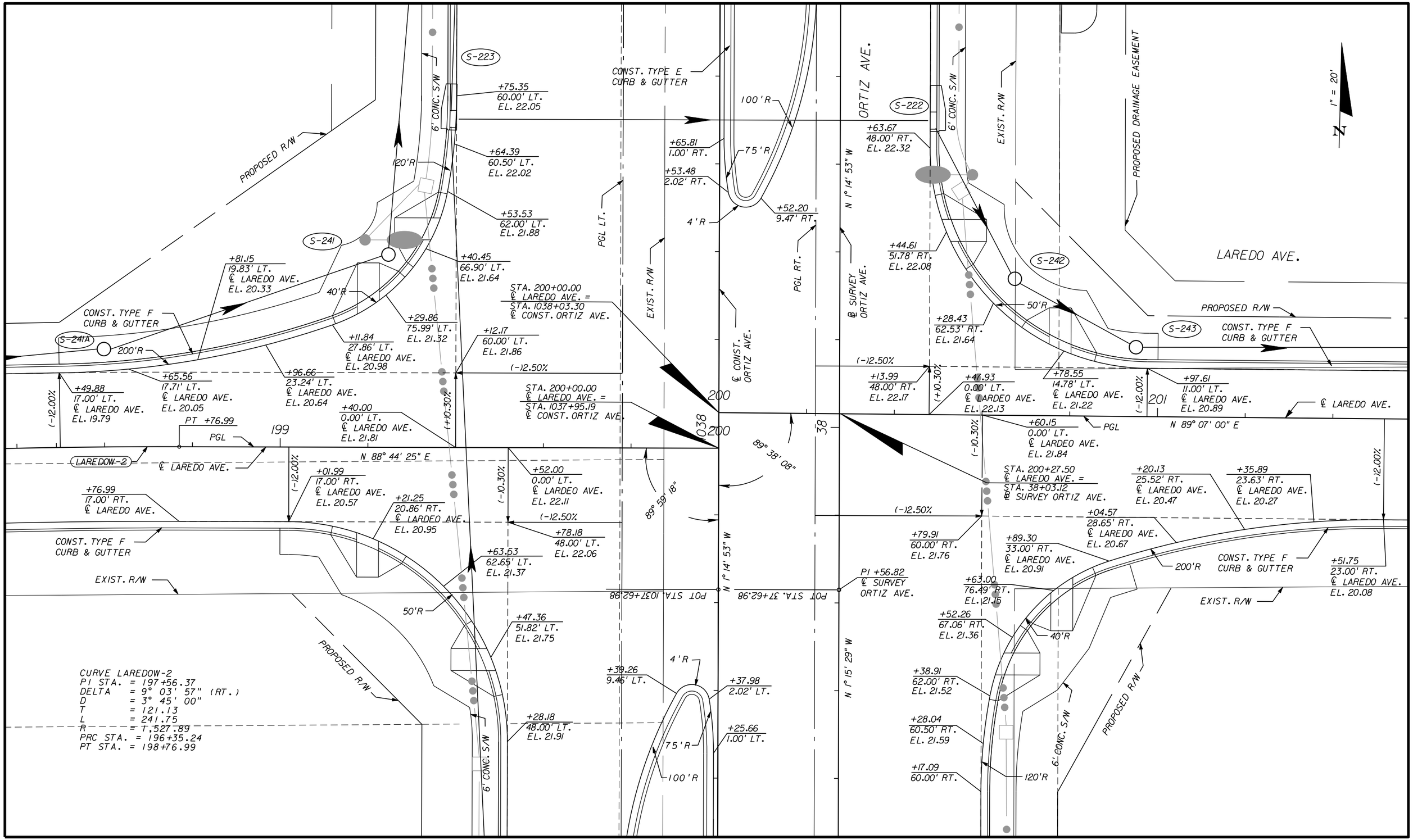

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# INTERSECTION DETAIL (4)
# GLENWOOD AVE.

SHEET NO. 92




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| | | | |


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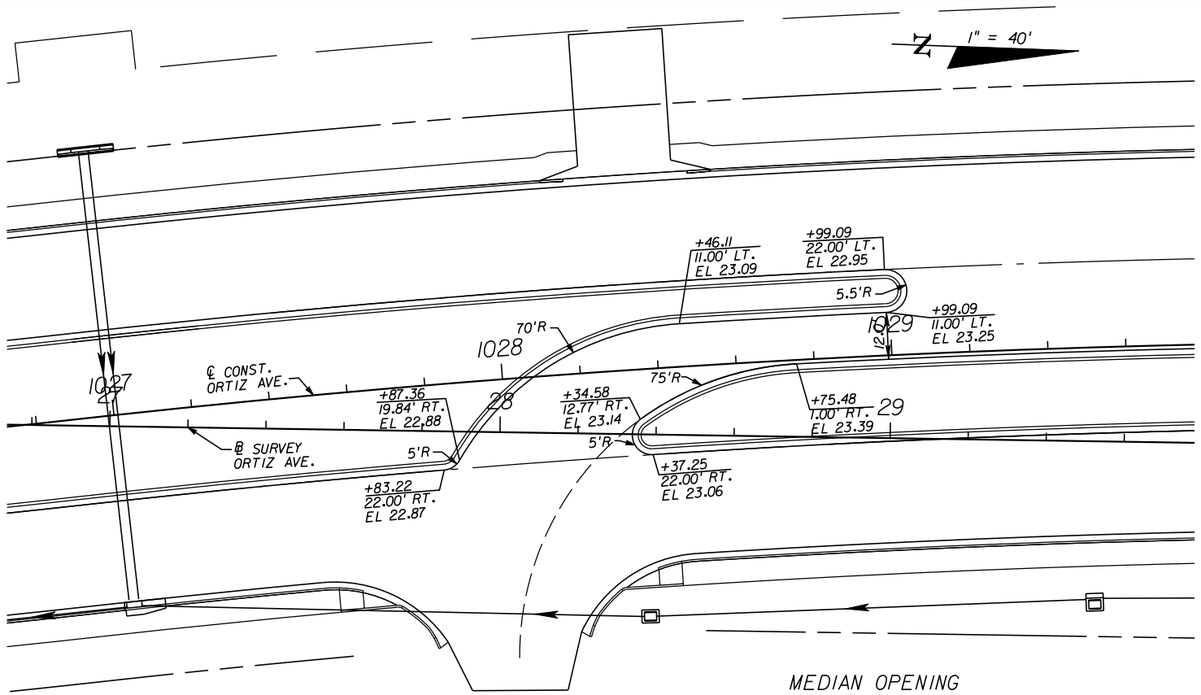

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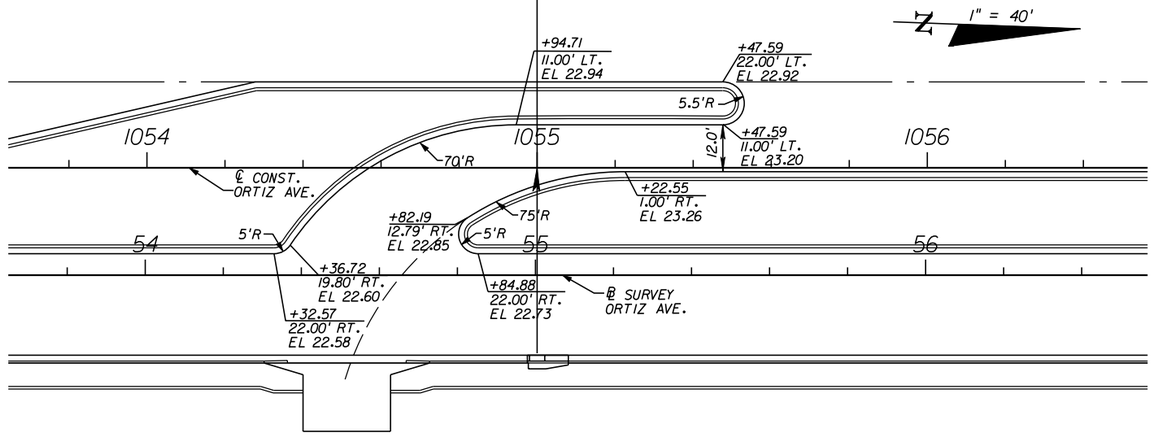

# INTERSECTION DETAIL (5)
# LAREDO AVE.

SHEET NO. 93

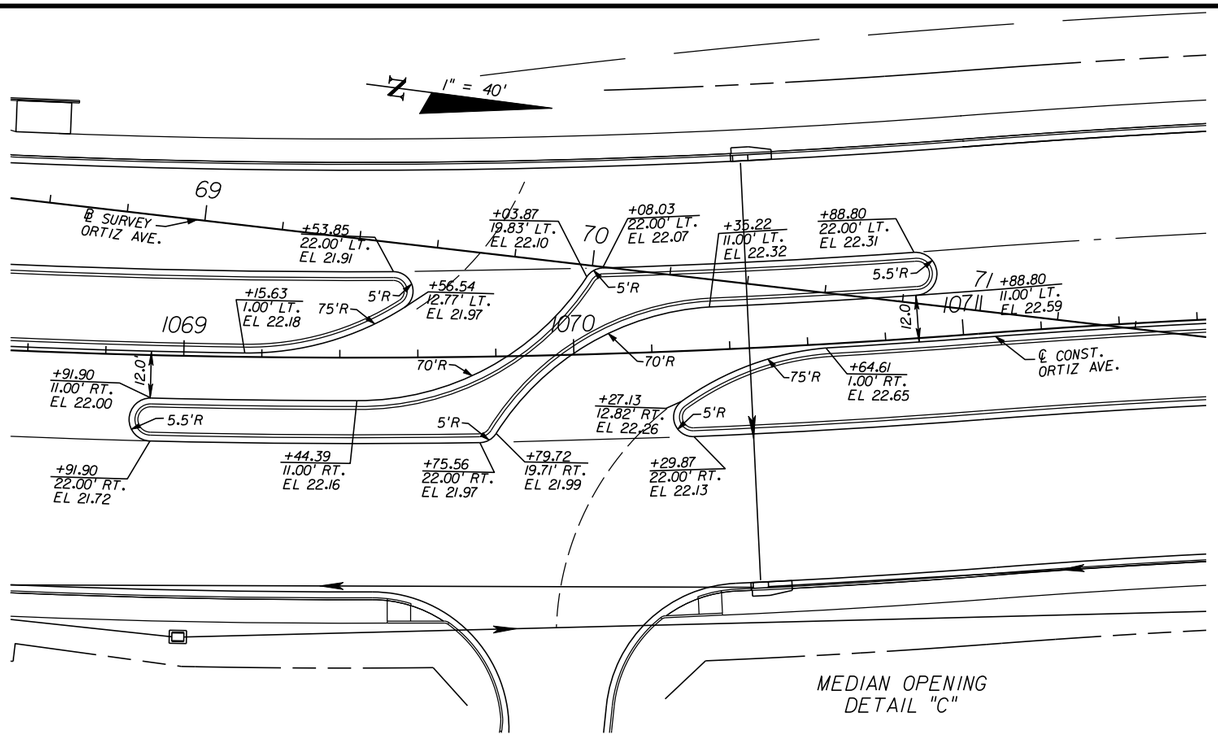

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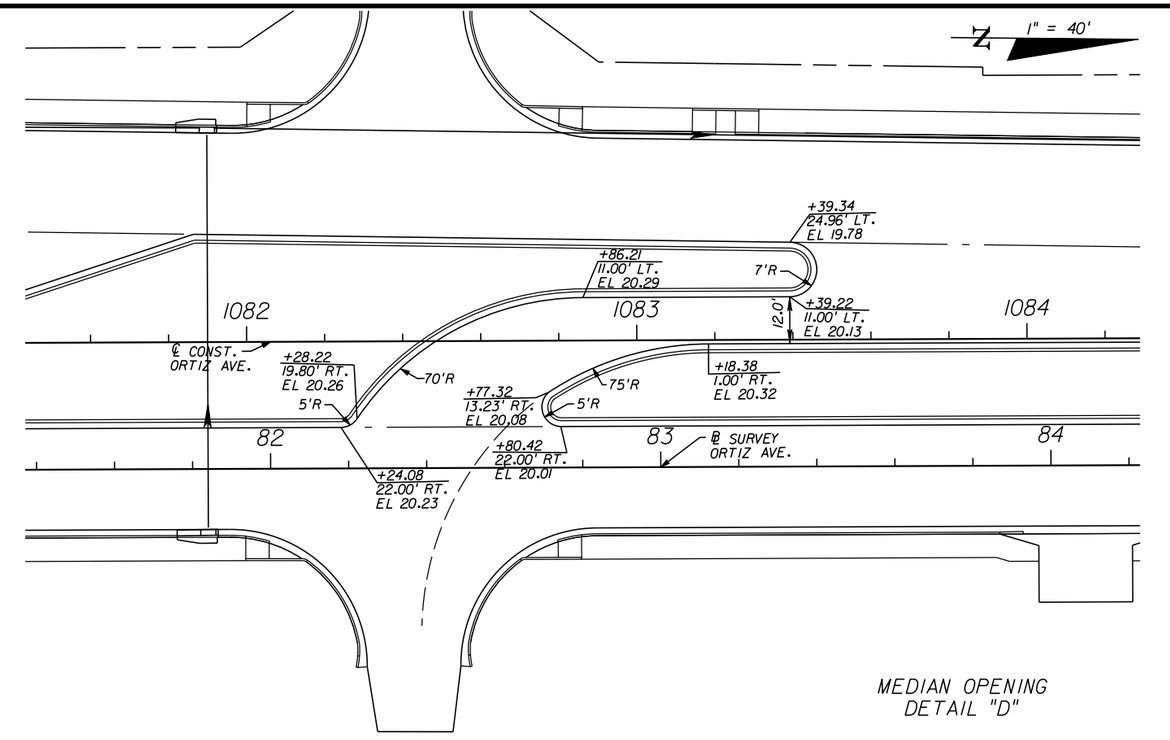

MEDIAN OPENING
DETAIL "A"




MEDIAN OPENING
DETAIL "B"




MEDIAN OPENING
DETAIL "C"




MEDIAN OPENING
DETAIL "D"

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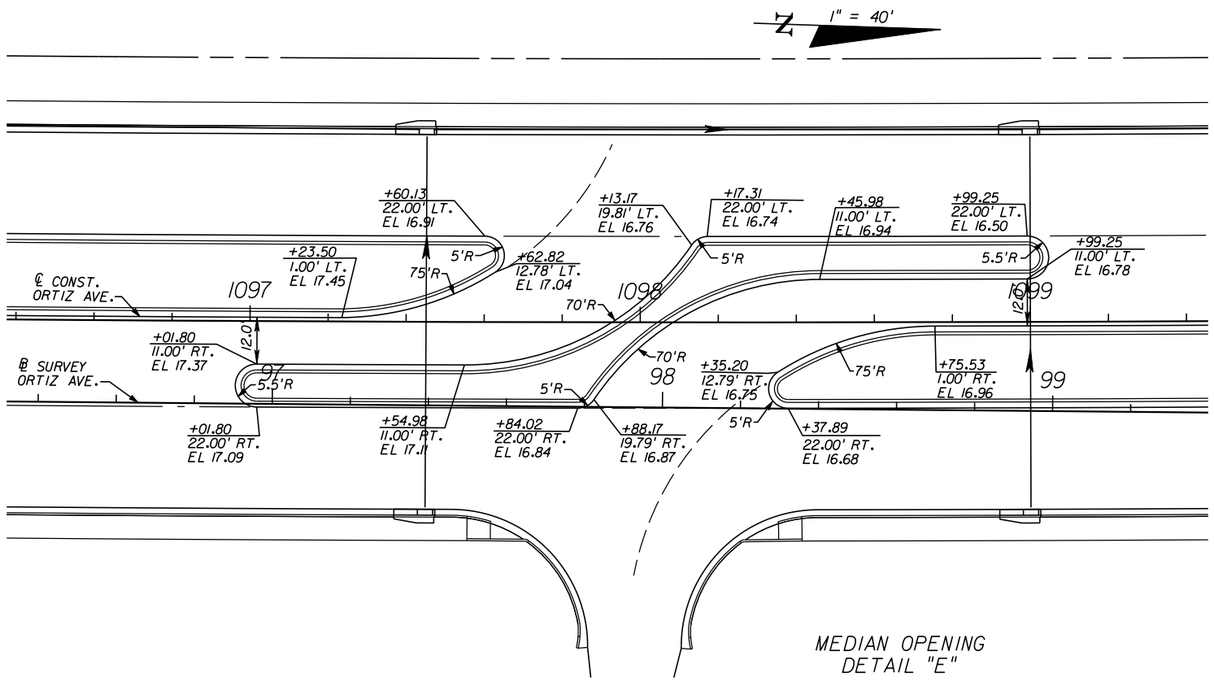

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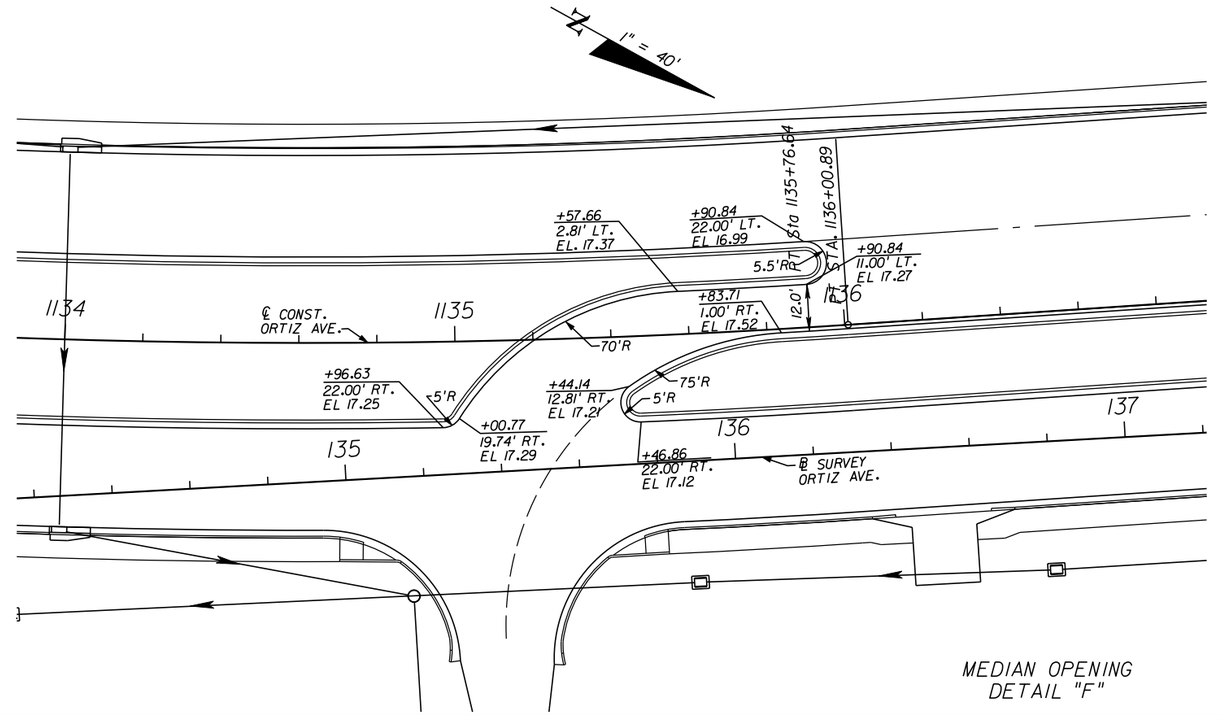

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# MEDIAN OPENING DETAIL SHEET (1)

SHEET NO. 94




MEDIAN OPENING
DETAIL "E"




MEDIAN OPENING
DETAIL "F"

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# MEDIAN OPENING DETAIL SHEET (2)

SHEET NO.
95

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DRAINAGE STRUCTURE NOTES

1. OFFSETS FOR CURB INLETS ARE TO THE EDGE OF PAVEMENT.
   OFFSETS FOR DITCH BOTTOM INLETS AND MANHOLES ARE TO THE CENTER OF THE STRUCTURE.
   OFFSETS FOR STRAIGHT CONCRETE ENDWALLS ARE TO THE REFERENCE POINT AS IDENTIFIED IN FDOT STANDARD INDEX 250.
   OFFSETS FOR MITERED END SECTIONS ARE TO THE REFERENCE POINT AS IDENTIFIED IN FDOT STANDARD INDEX 272 & 273.

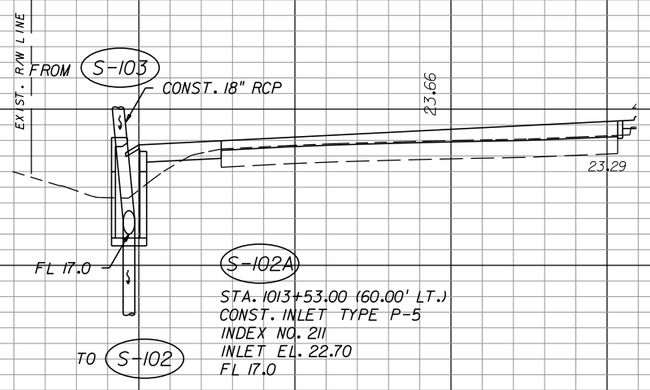
2. UNLESS SPECIFICALLY CALLED FOR, REINFORCED CONCRETE PIPE (RCP) SHALL INCLUDE BOTH FIBER REINFORCED CONCRETE PIPE (FRCP) MEETING ASTM C-1450 AND STEEL REINFORCED CONCRETE PIPE (SRCP) MEETING ASTM C-76 AS SPECIFIED IN SECTION 449 AND SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 125 OF THE FDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

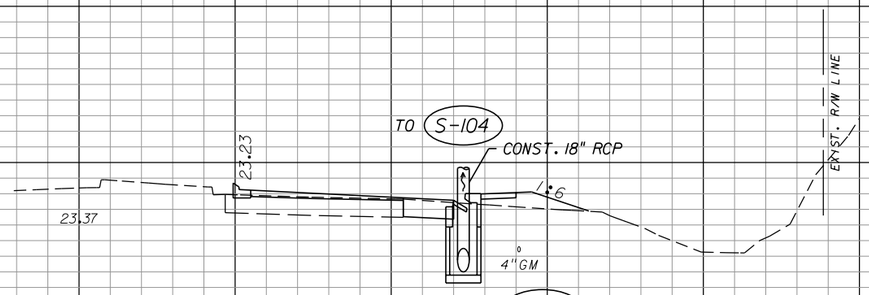
3. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.

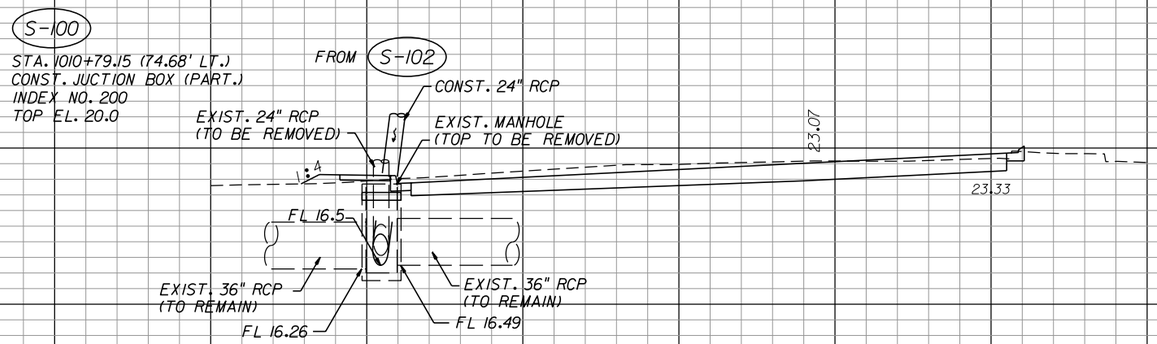
4. THE COST ASSOCIATED WITH REPAIRING/REPLACING EXISTING (TO REMAIN) PIPES DAMAGED WHILE PLACING A PROPOSED STRUCTURE WILL BE COVERED IN THE COST OF THE PROPOSED STRUCTURE.

5. ALL STANDARD STRUCTURE BOTTOMS DESIGNATED TYPE 'P' SHALL BE 3.5FT. SQUARE (ALT. B), UNLESS NOTED OTHERWISE.

6. EXTRA BASE SHALL BE PLACED OVER PIPES W/<1.0 FT. BETWEEN THE TOP OF PIPE AND BOTTOM OF BASE. THE COST OF FURNISHING AND INSTALLING THE EXTRA BASE MATERIAL SHALL BE INCLUDED IN THE COST OF THE CULVERT PER INDEX NO. 205.




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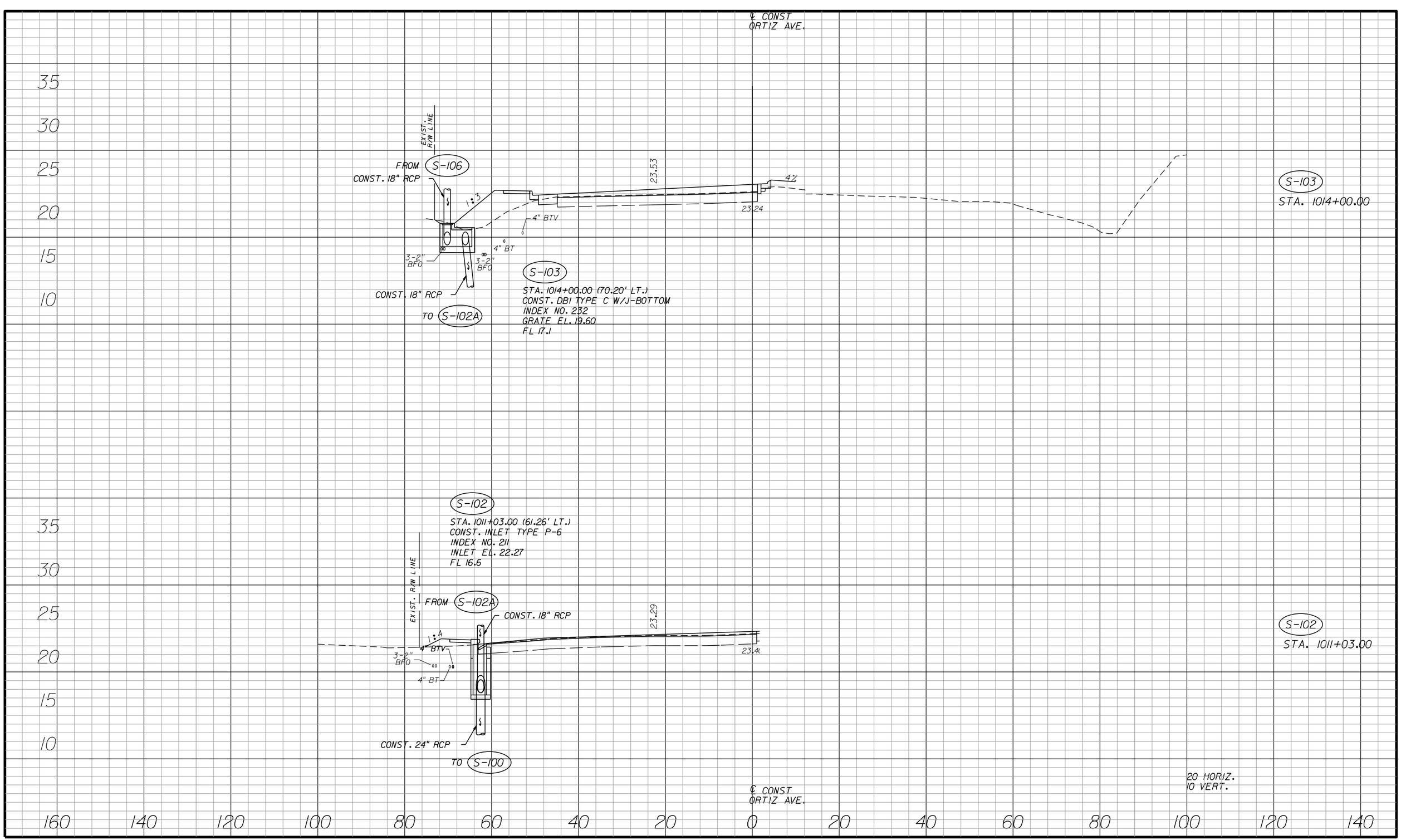

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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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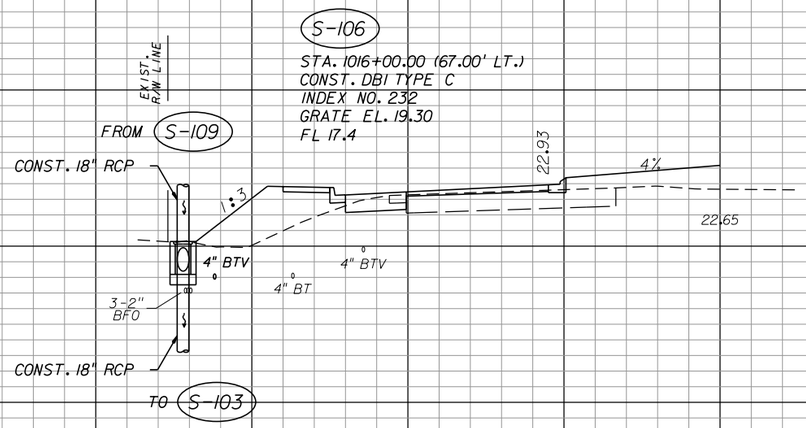

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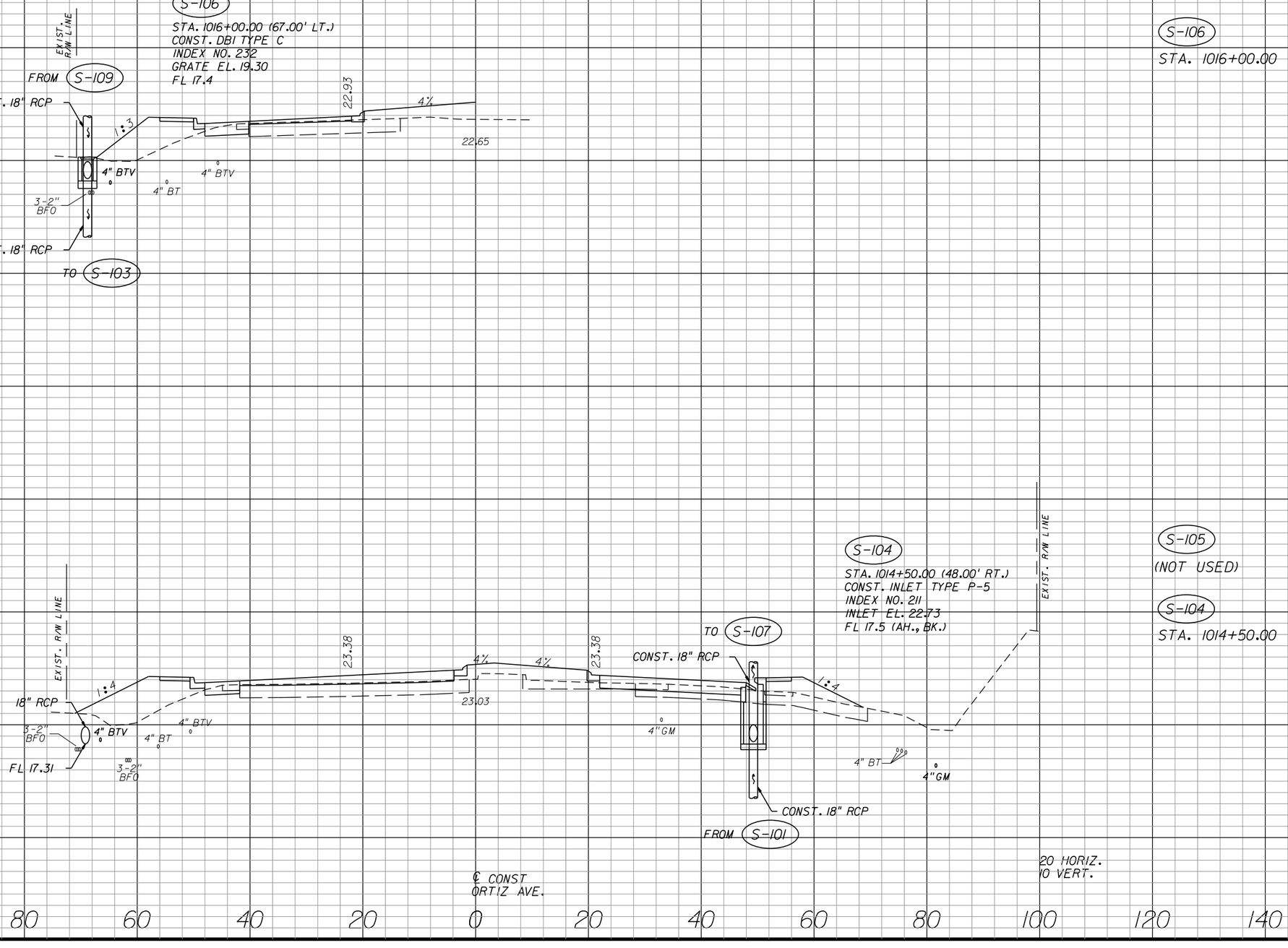

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# DRAINAGE STRUCTURES
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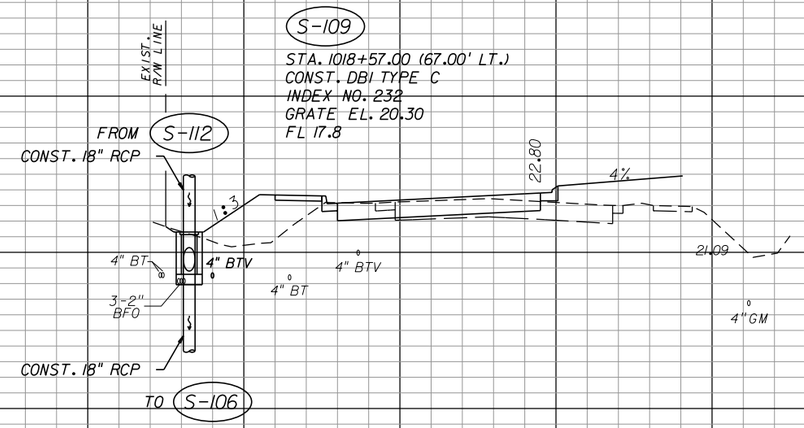
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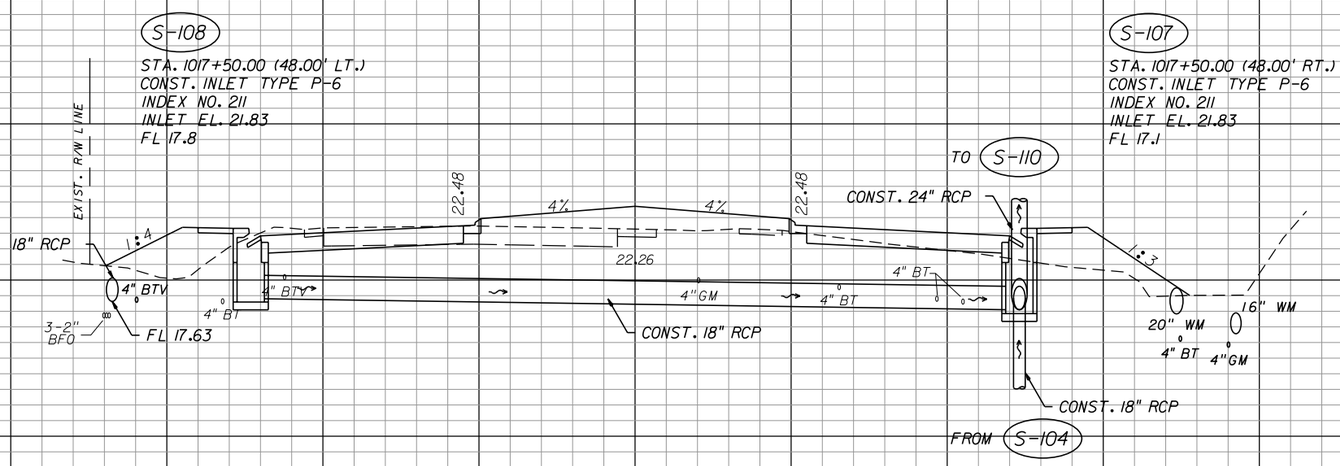
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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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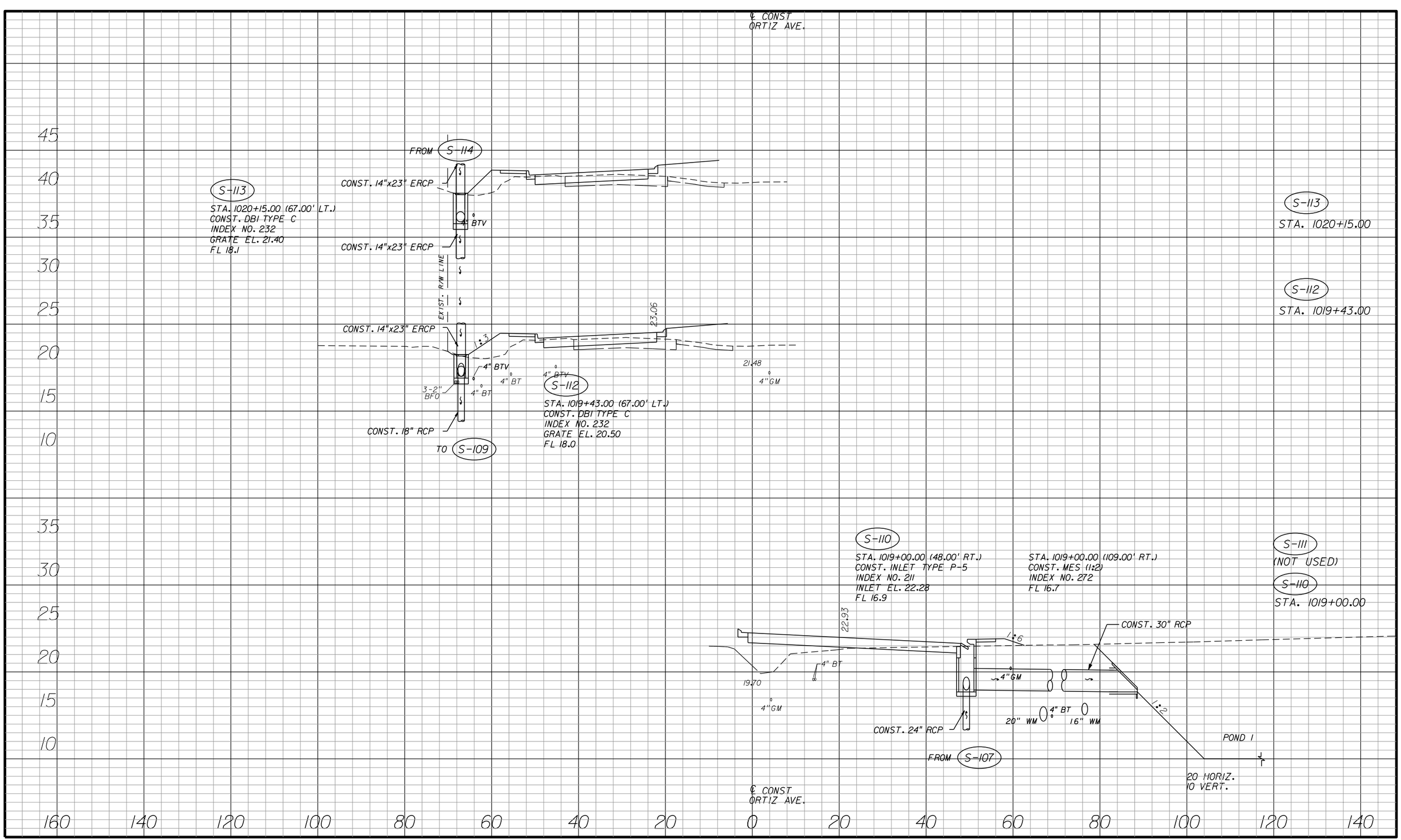
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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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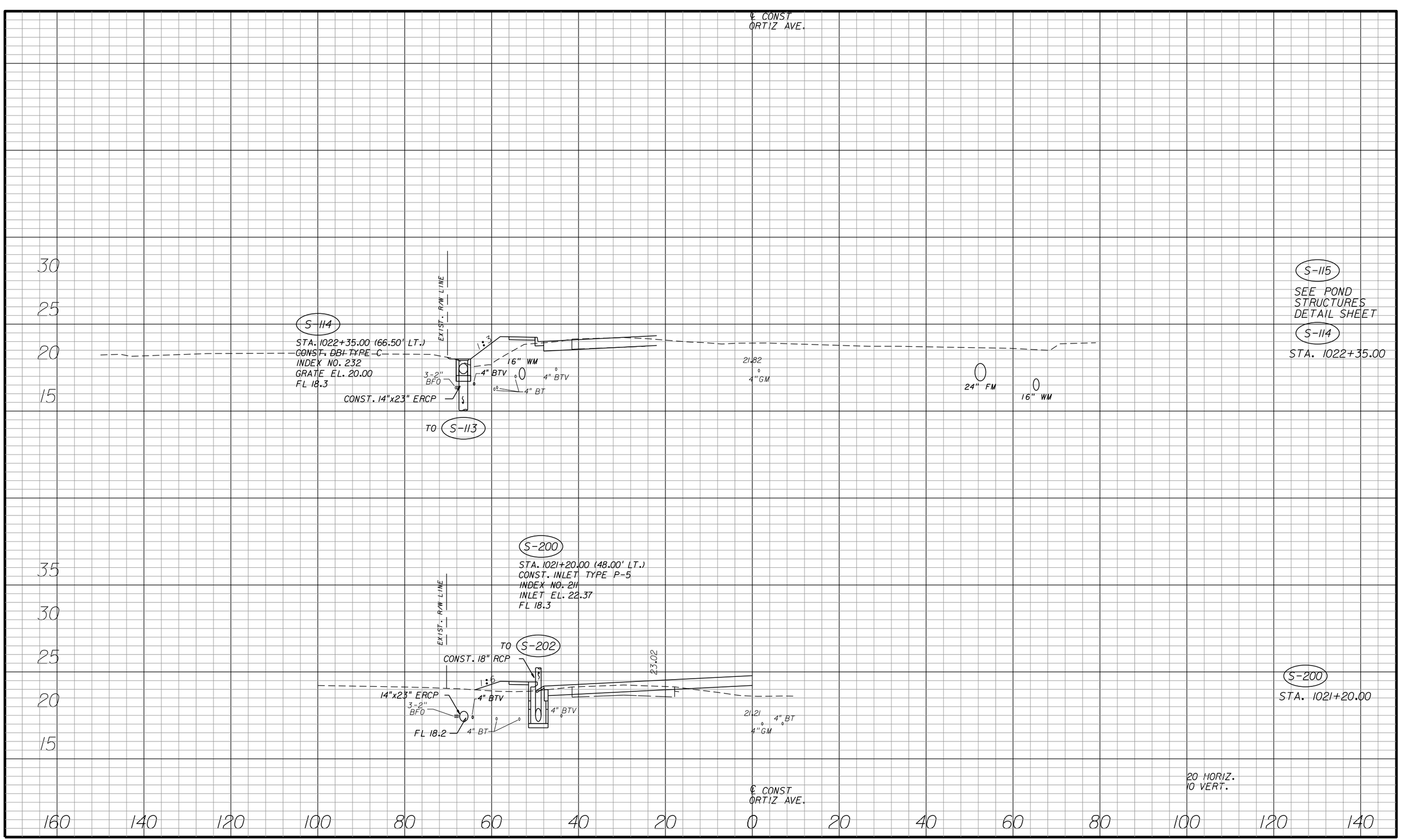

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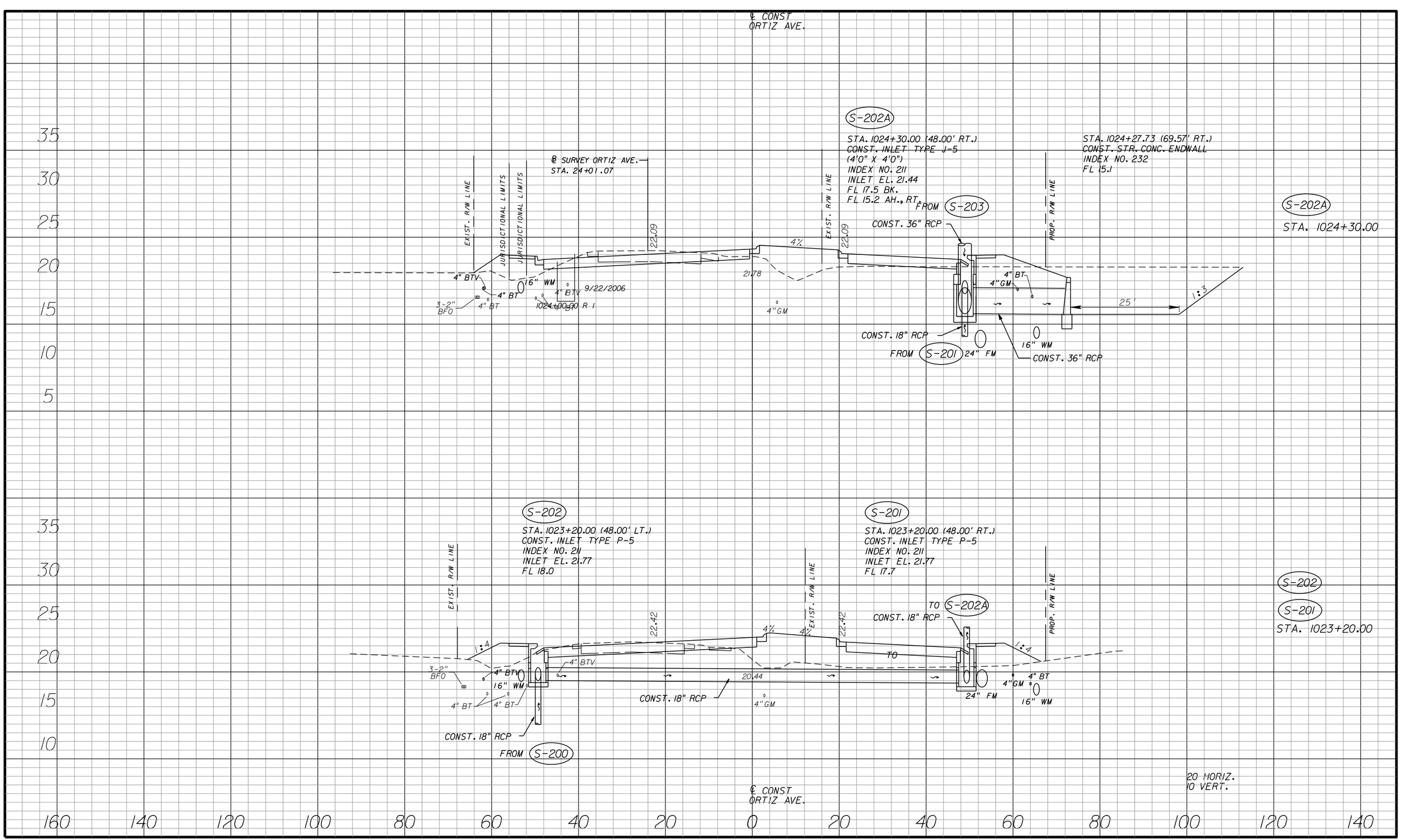

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# DRAINAGE STRUCTURES
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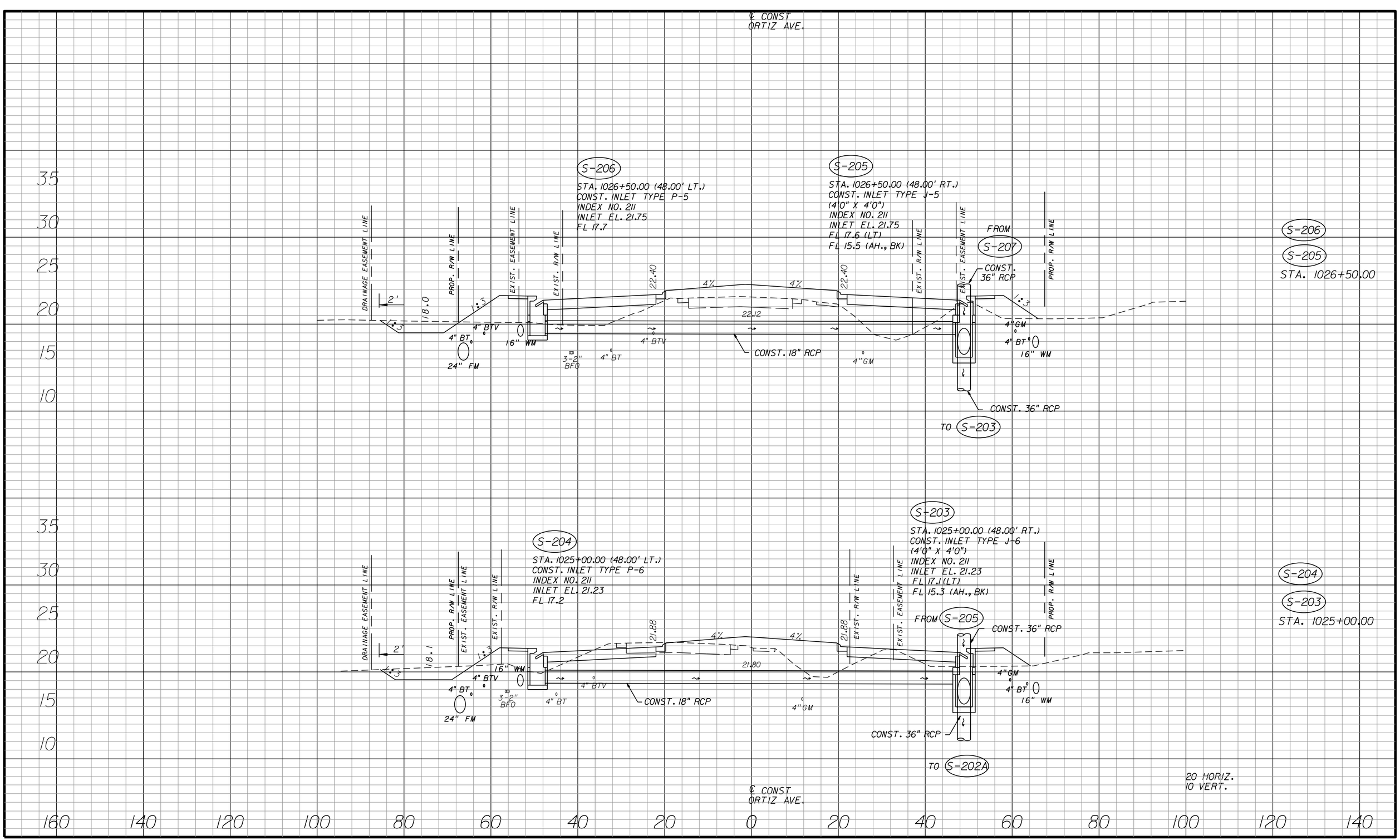

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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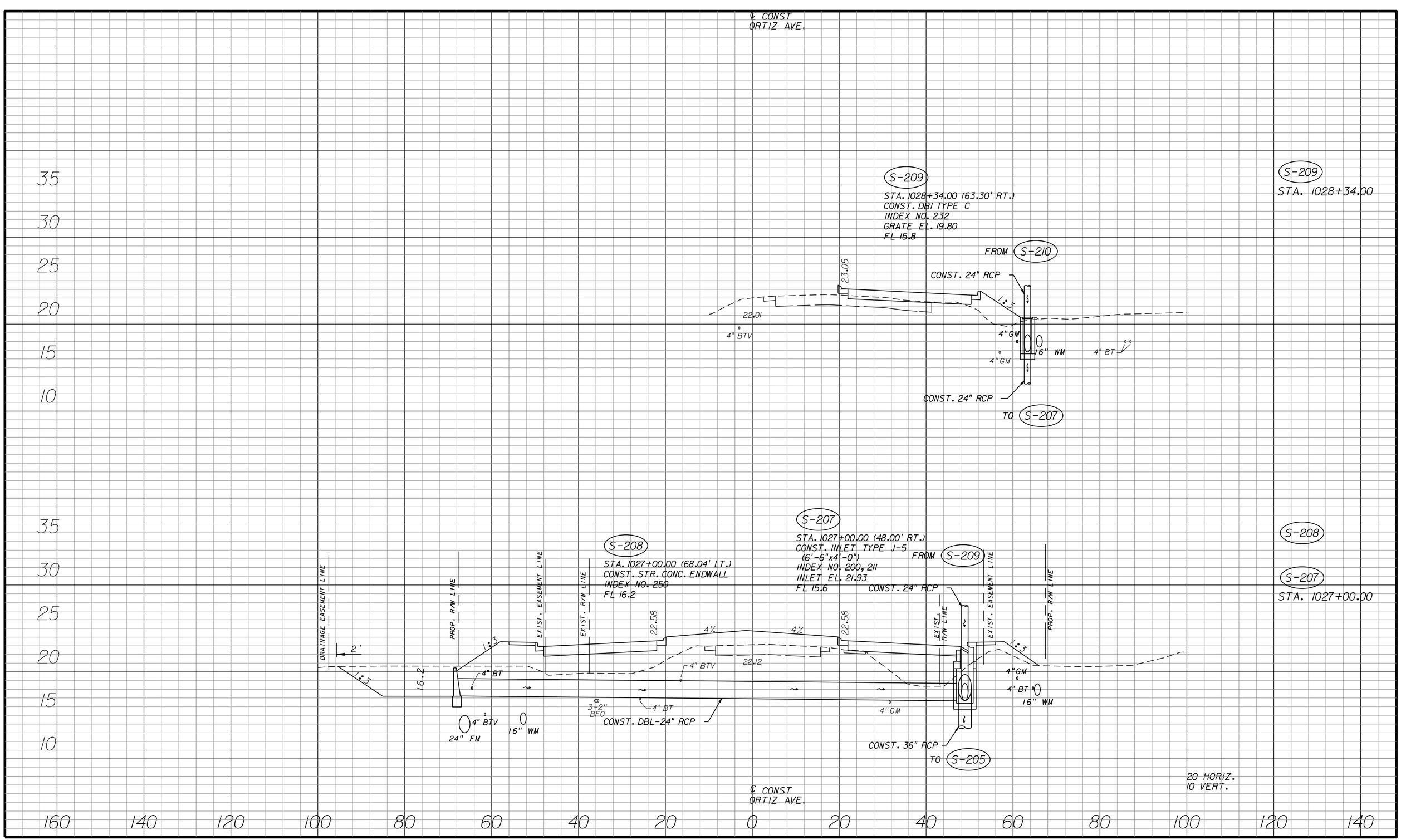

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# DRAINAGE STRUCTURES
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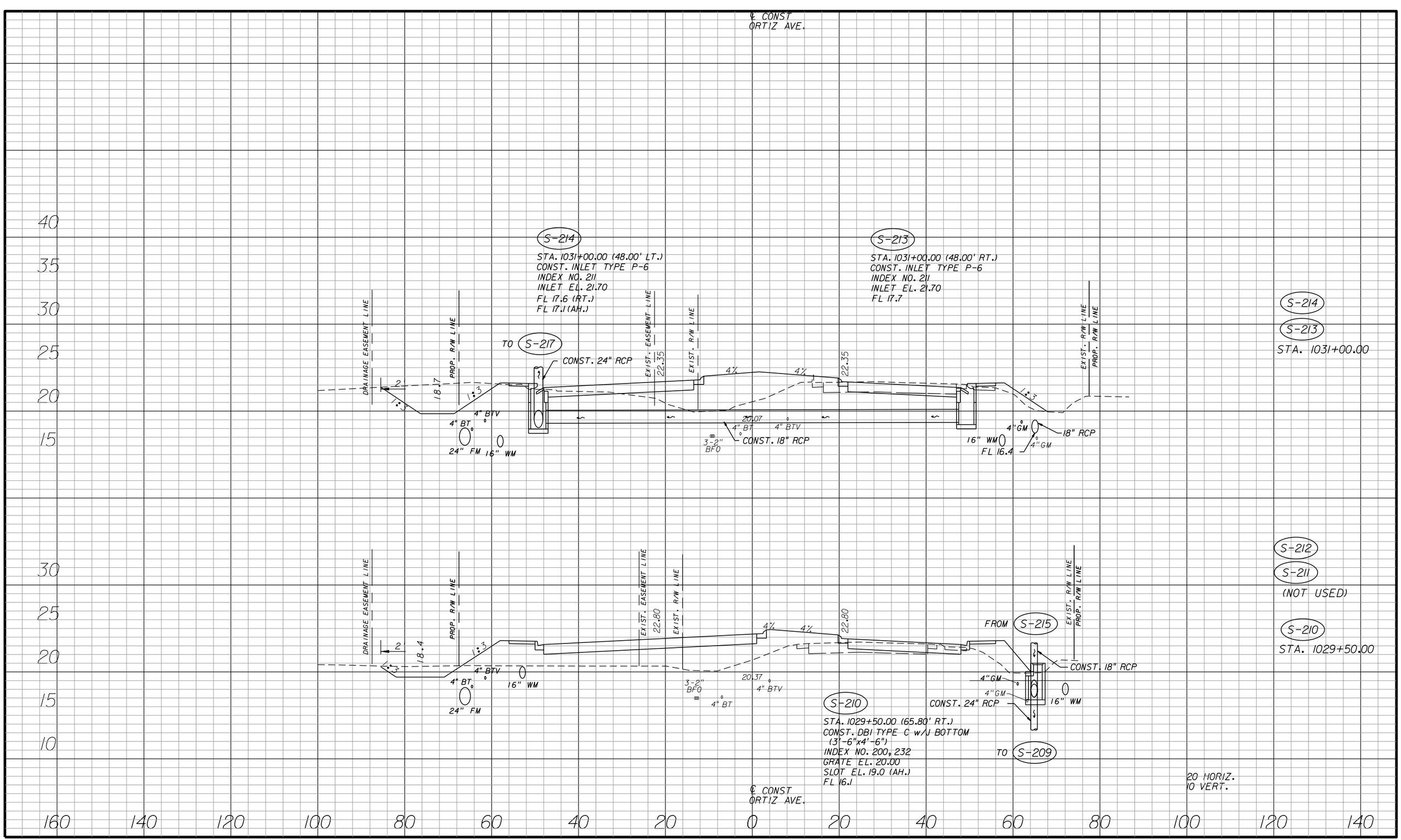

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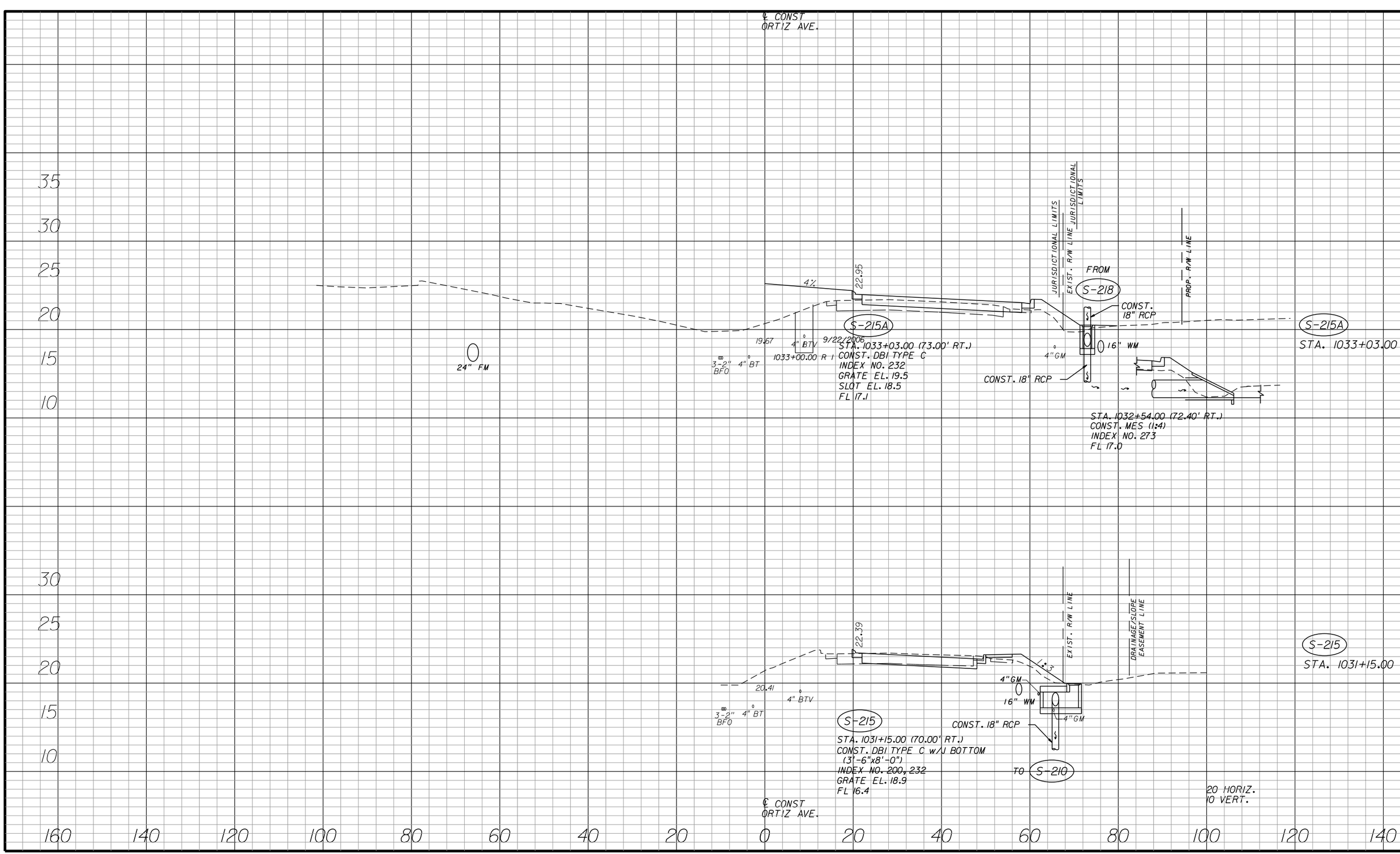

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# DRAINAGE STRUCTURES
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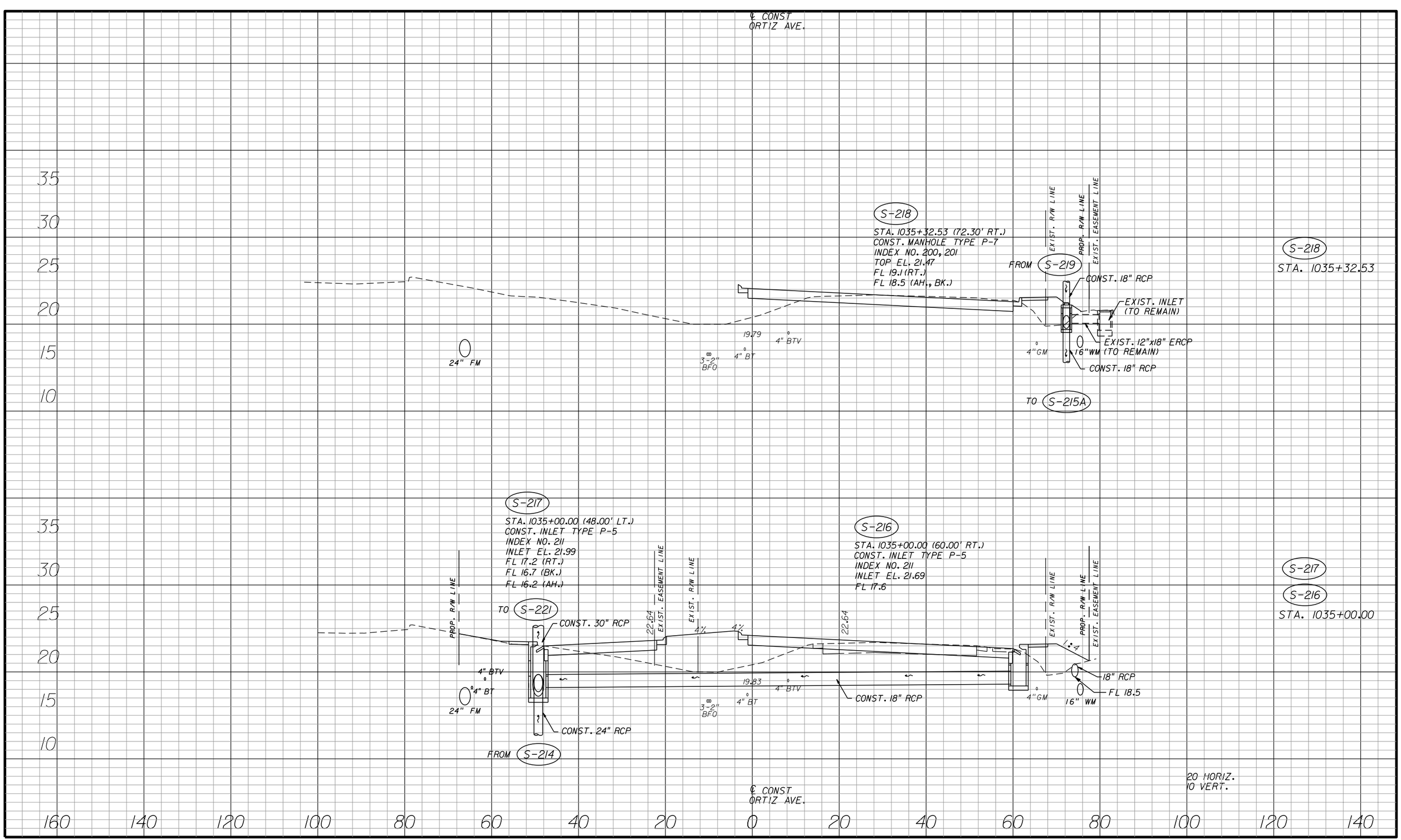

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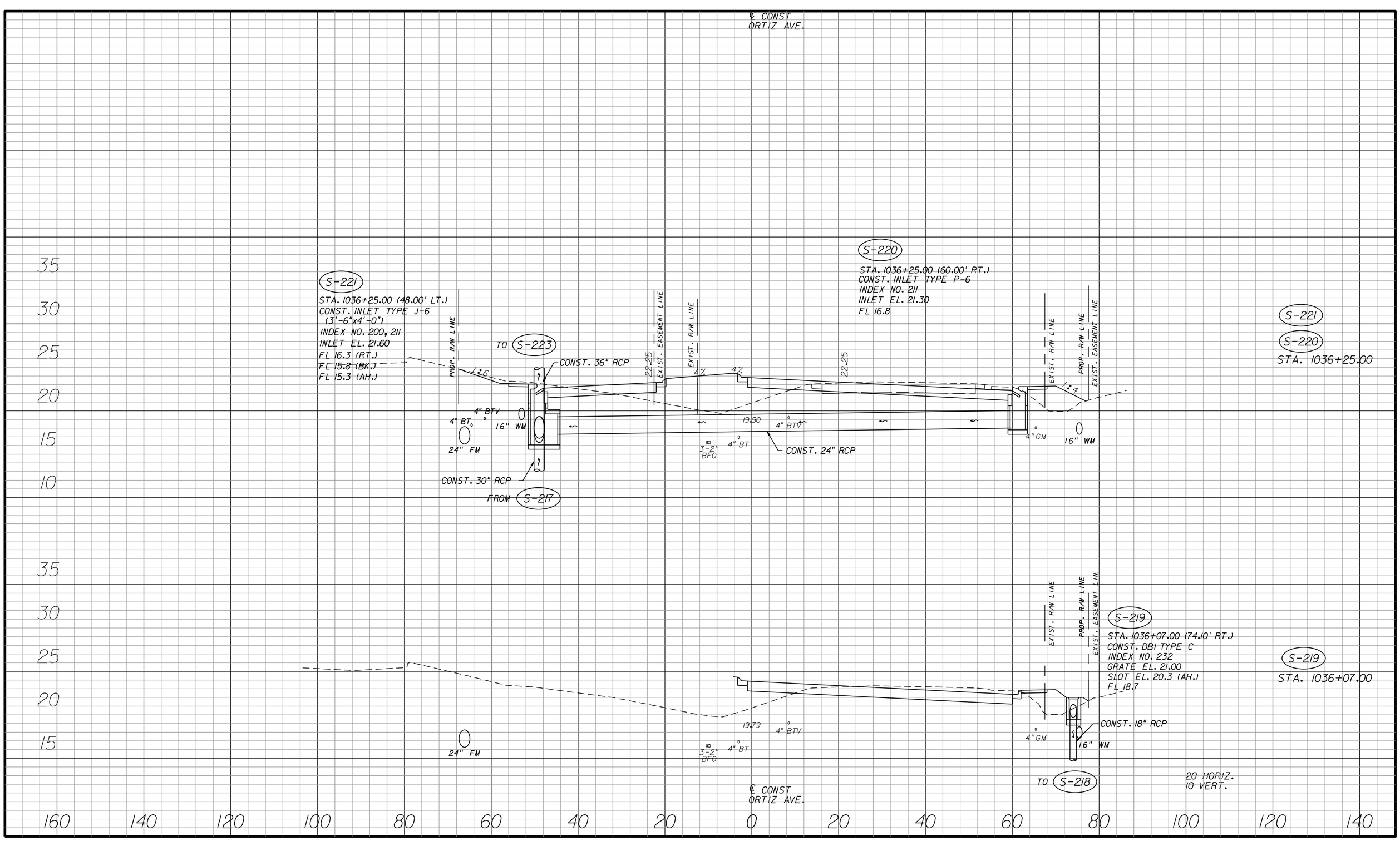

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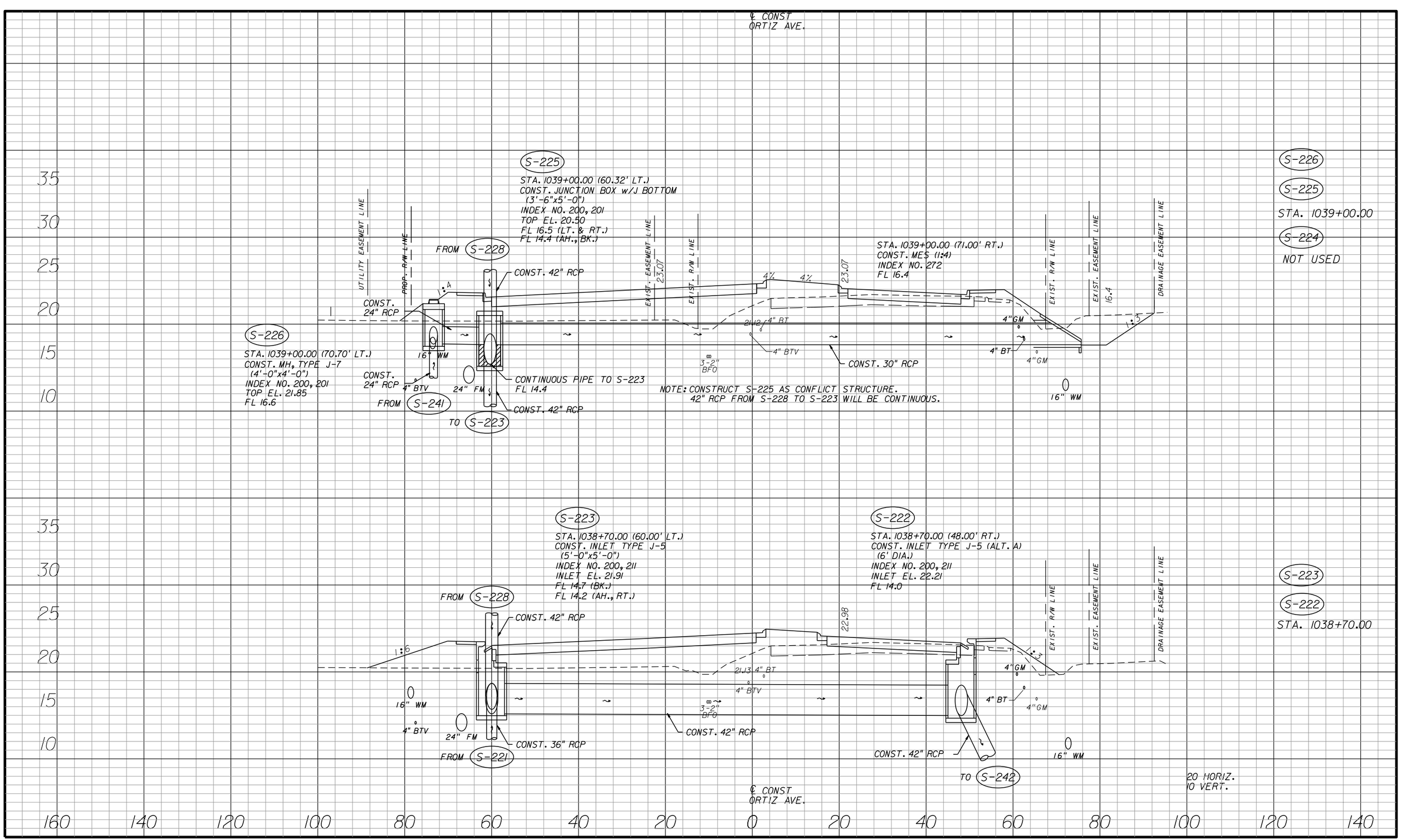

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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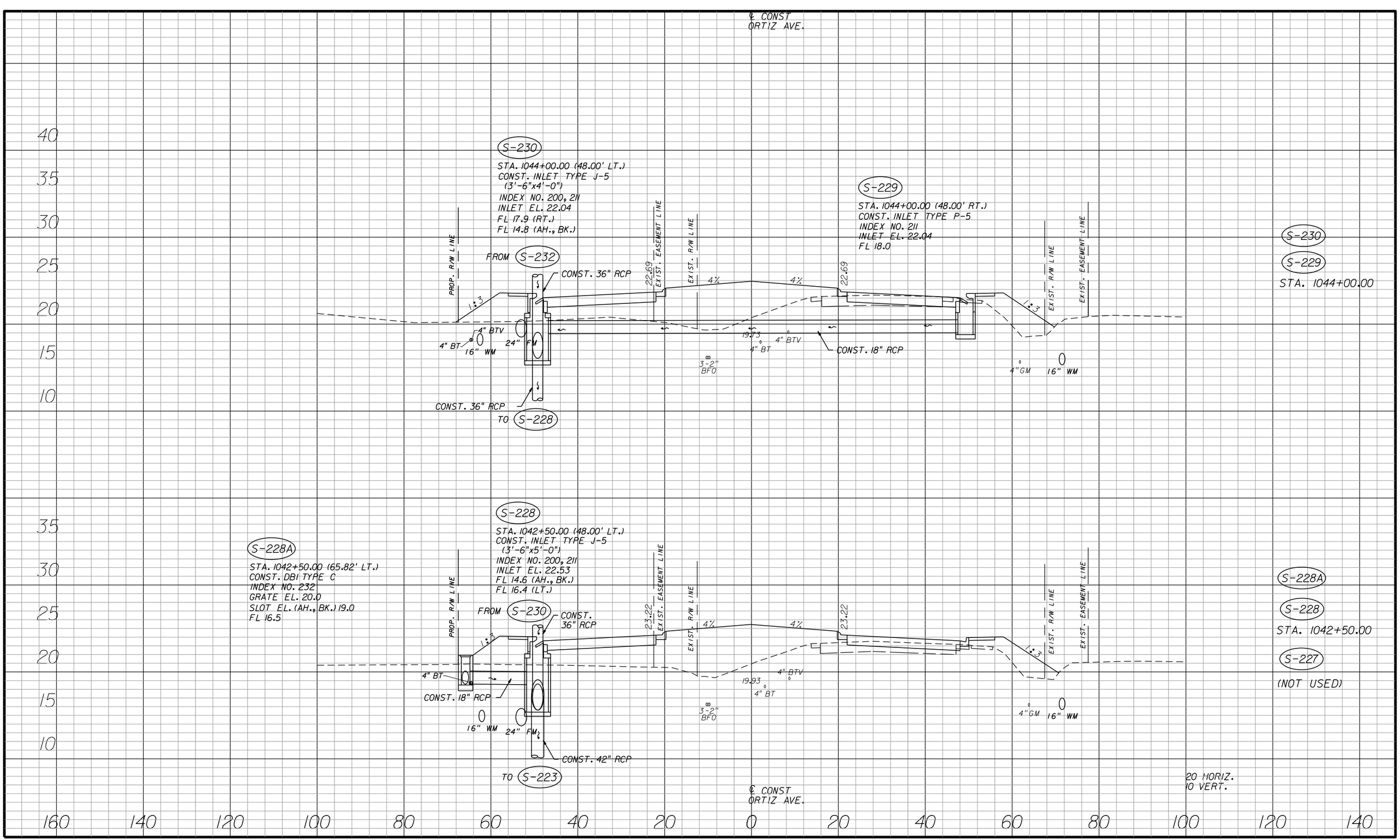

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# DRAINAGE STRUCTURES
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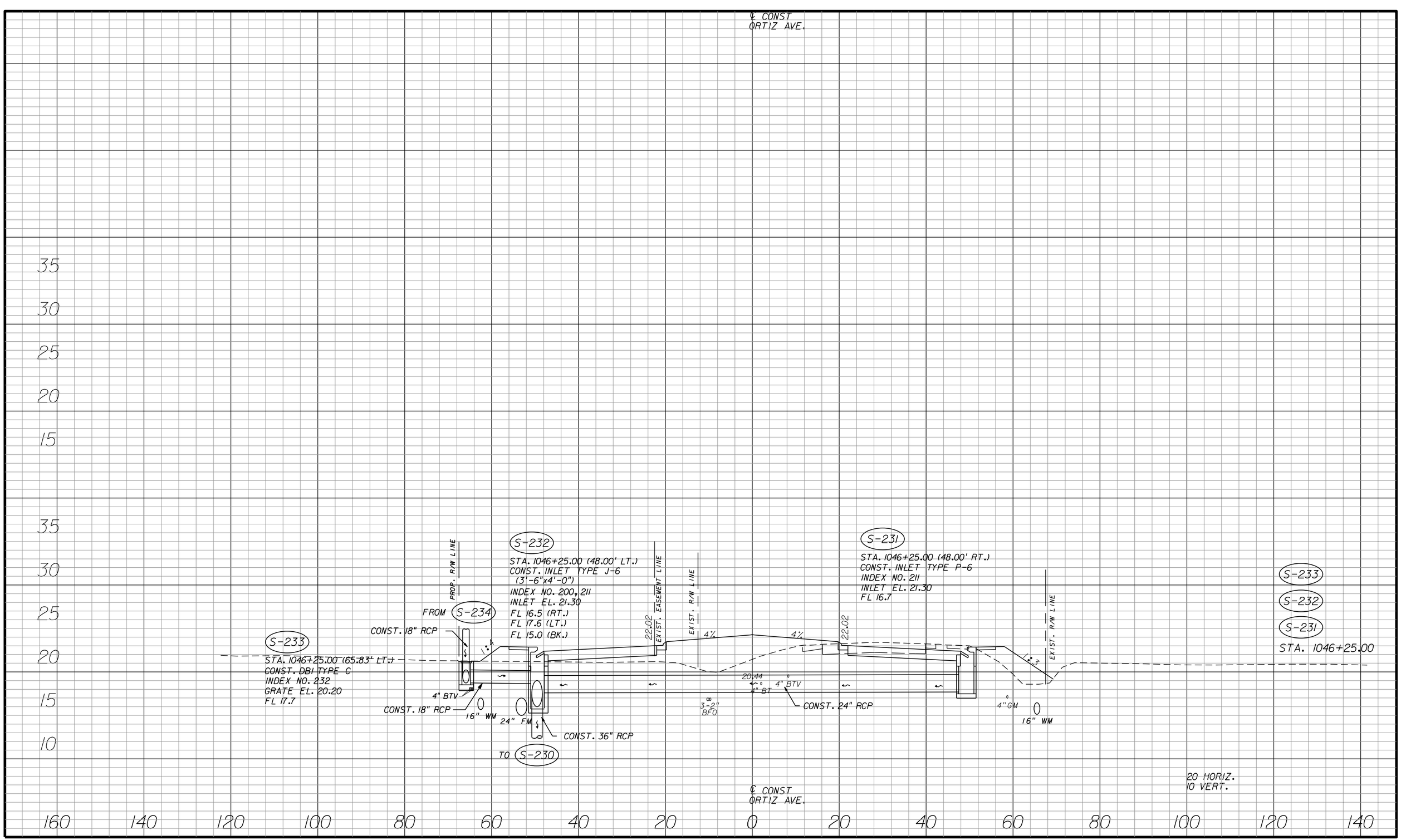

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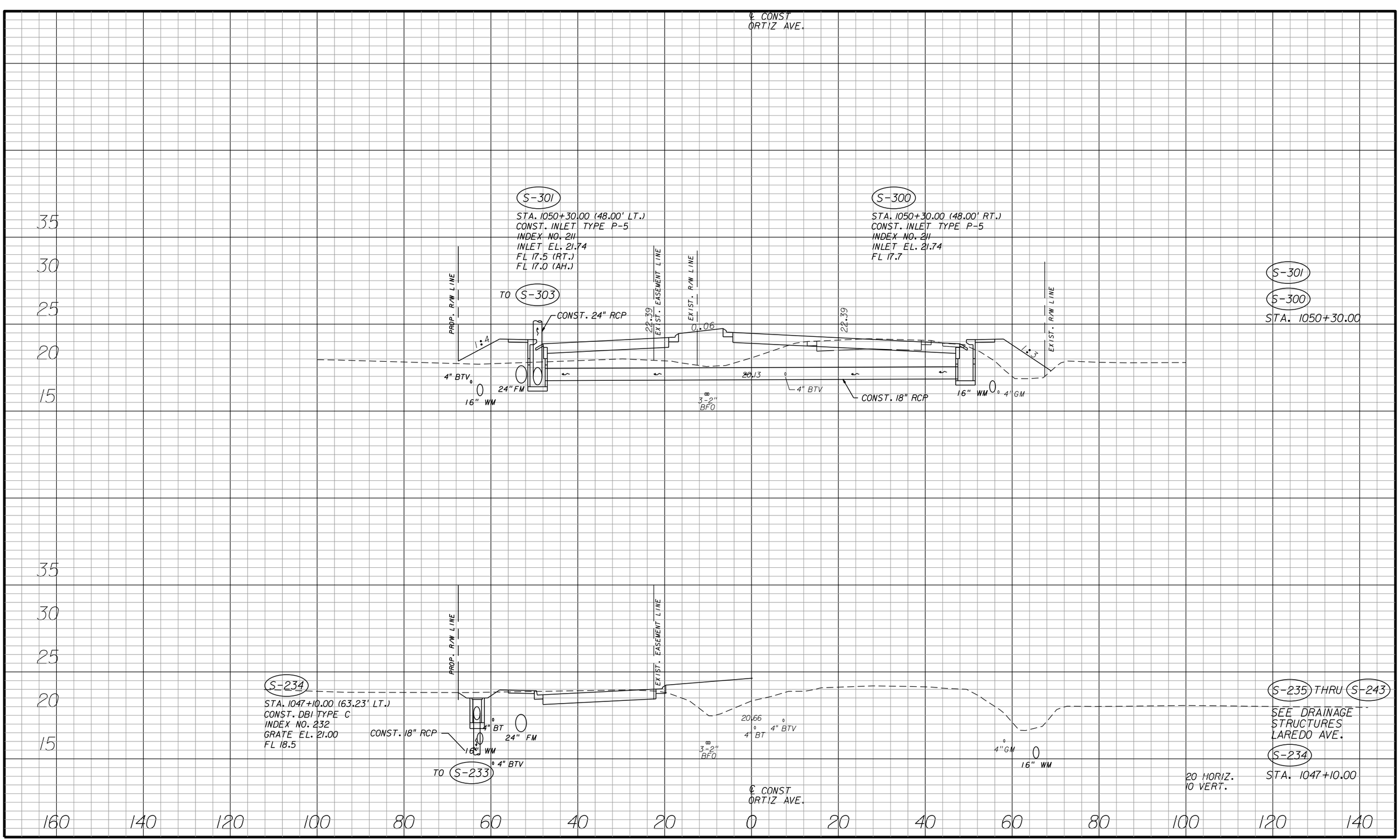

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# DRAINAGE STRUCTURES
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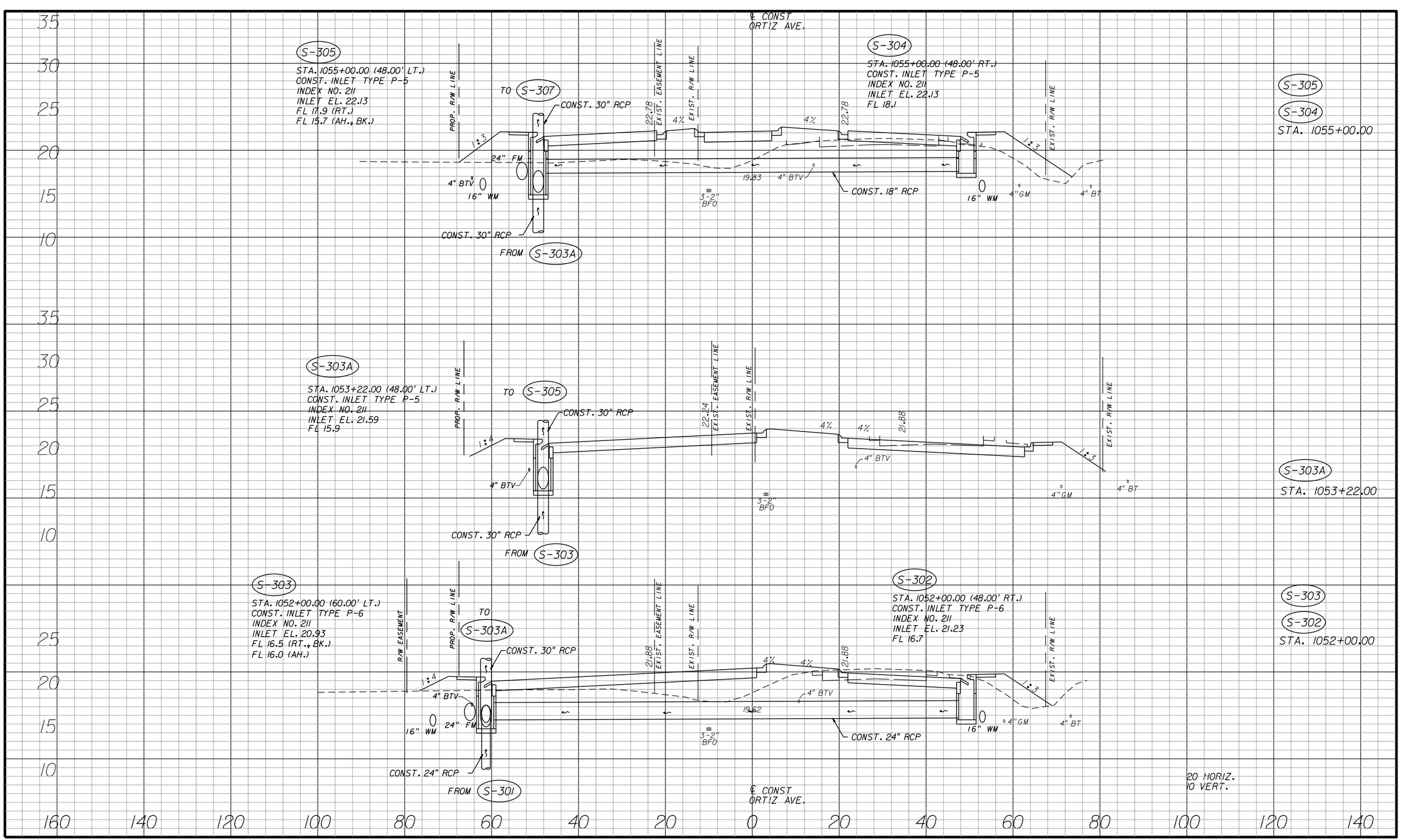

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO. 112

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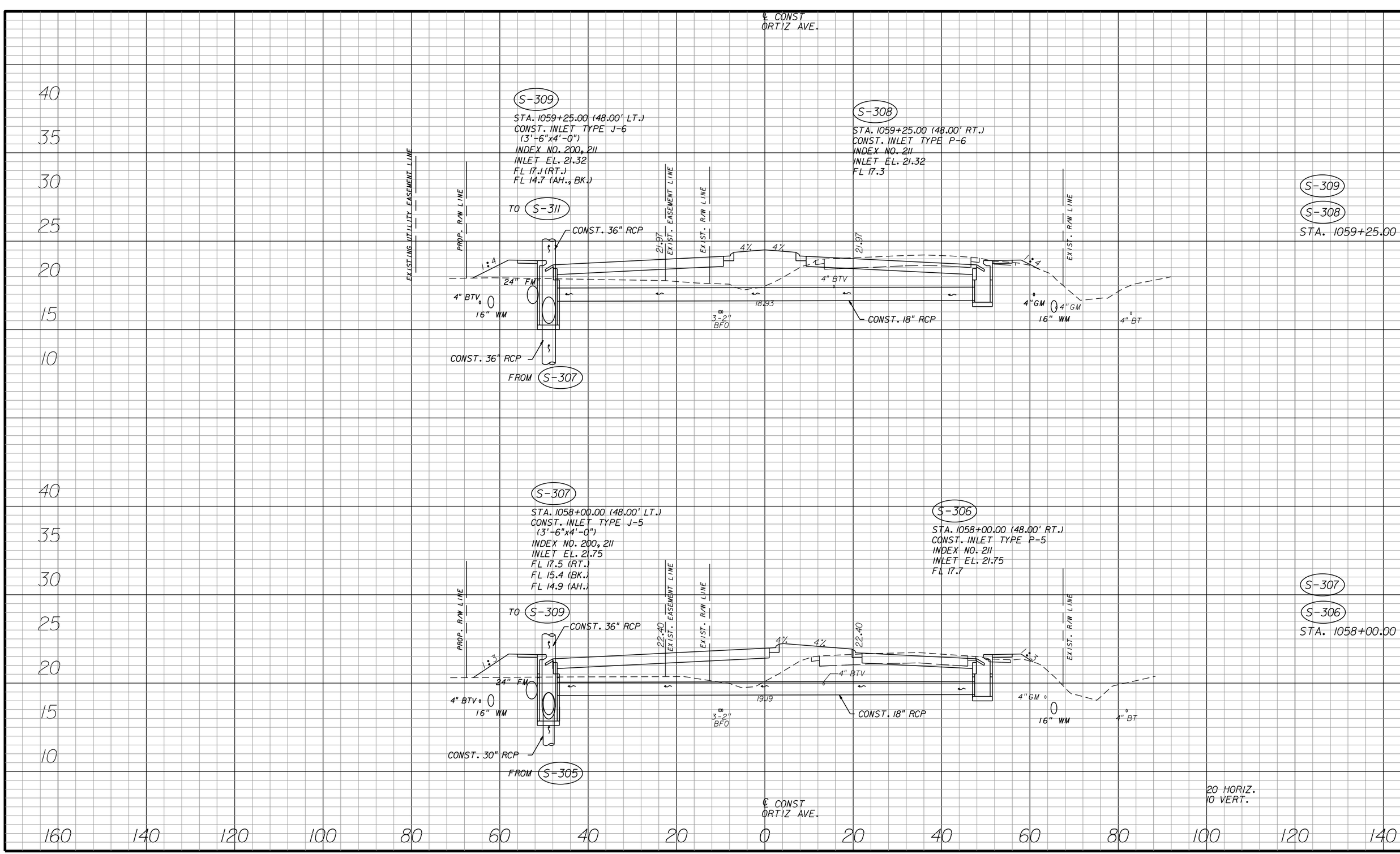

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO.
113




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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO. 114


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℄ CONST
ORTIZ AVE.

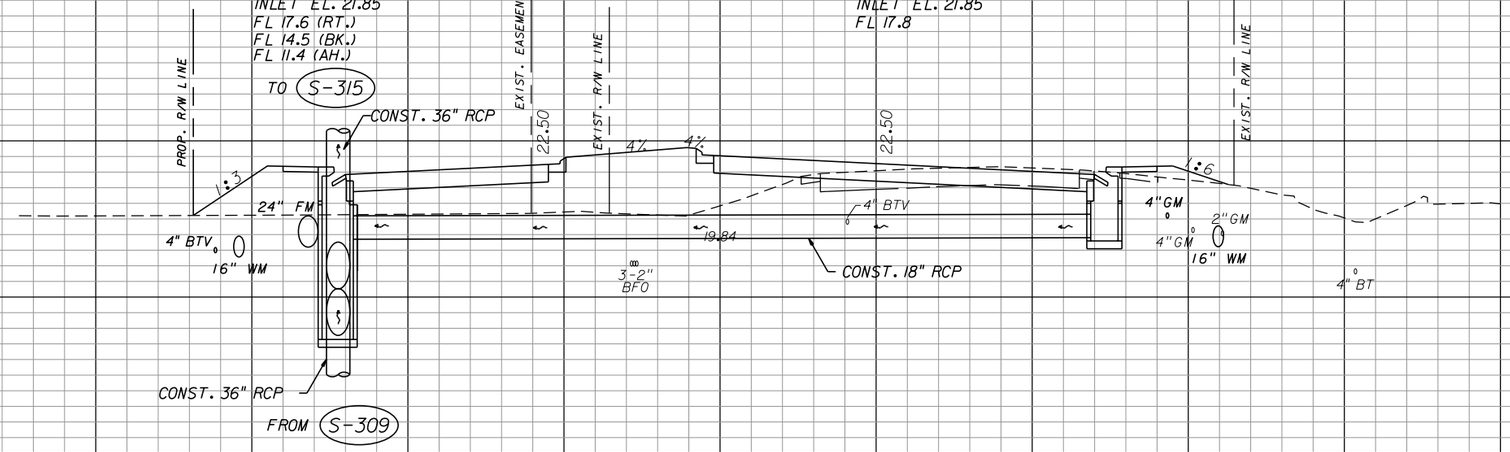
S-311

STA. 1061+00.00 (48.00' LT.)
CONST. INLET TYPE J-5
(3'-6"x4'-0")
INDEX NO. 200, 211
INLET EL. 21.85
FL 17.6 (RT.)
FL 14.5 (BK.)
FL 11.4 (AH.)
TO S-315

S-310

STA. 1061+00.00 (49.50' RT.)
CONST. INLET TYPE P-5
INDEX NO. 211
INLET EL. 21.85
FL 17.8

S-311
S-310
STA. 1061+00.00




℄ CONST
ORTIZ AVE.

20 HORIZ.
10 VERT.

40 35 30 25 20 15 10 5

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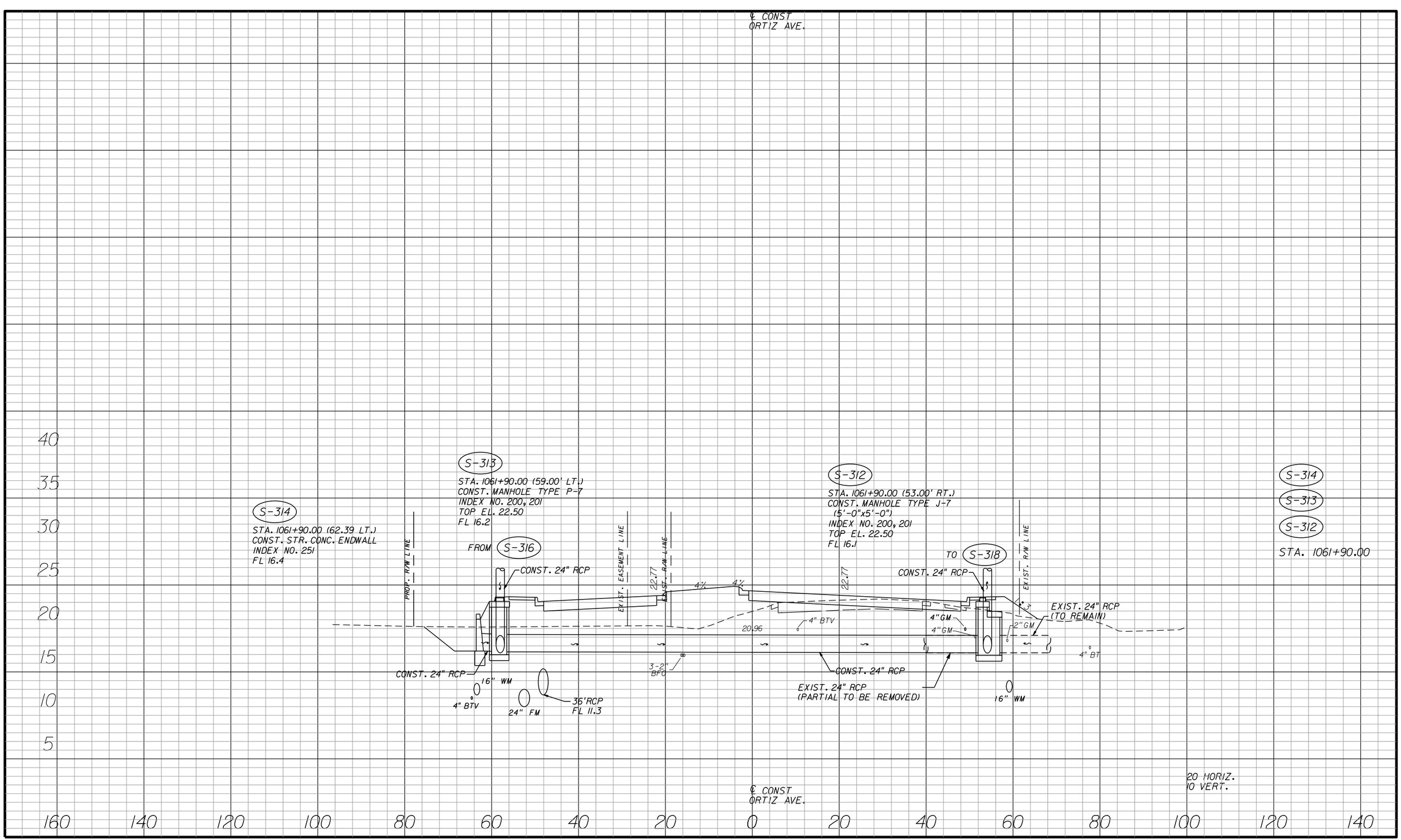

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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115

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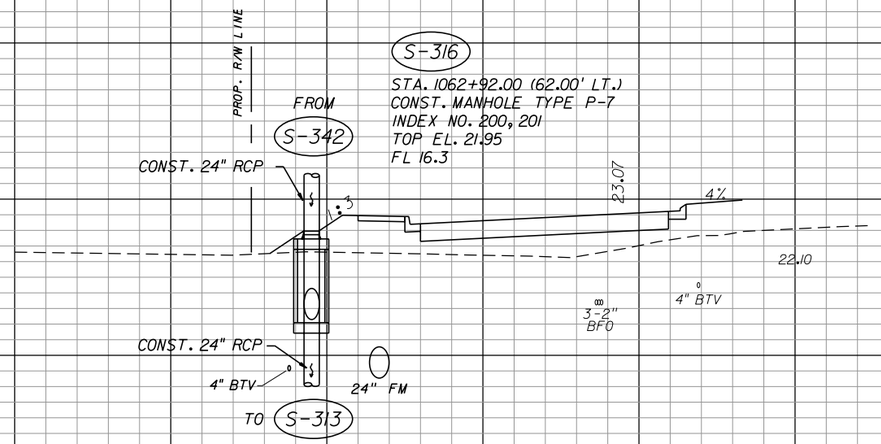

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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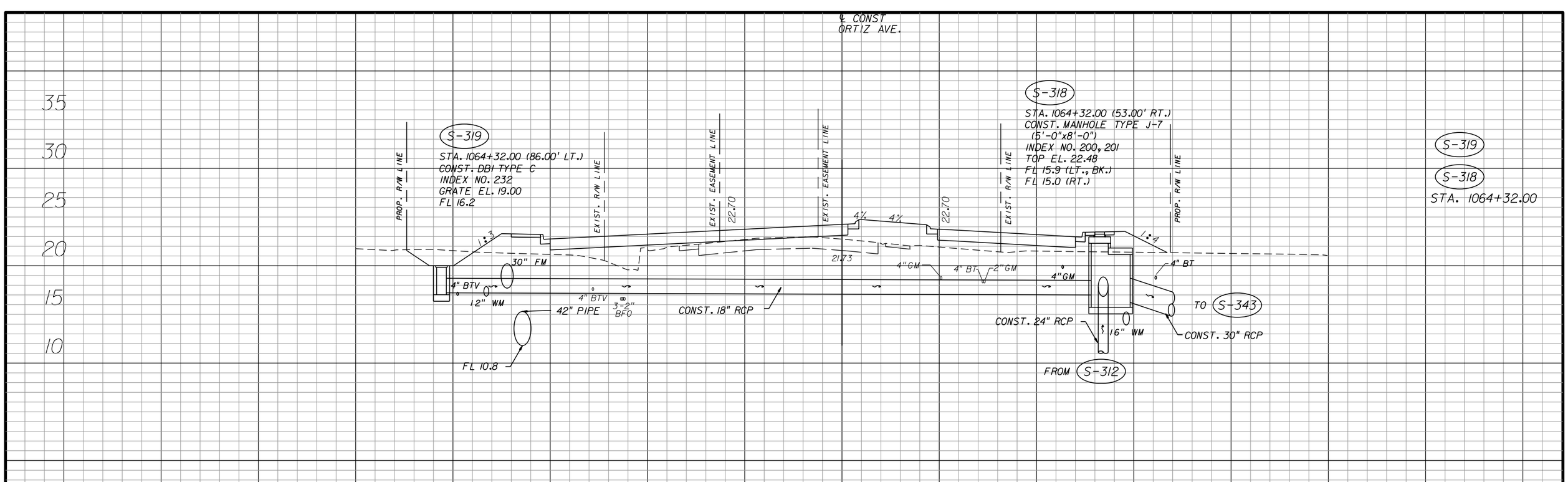

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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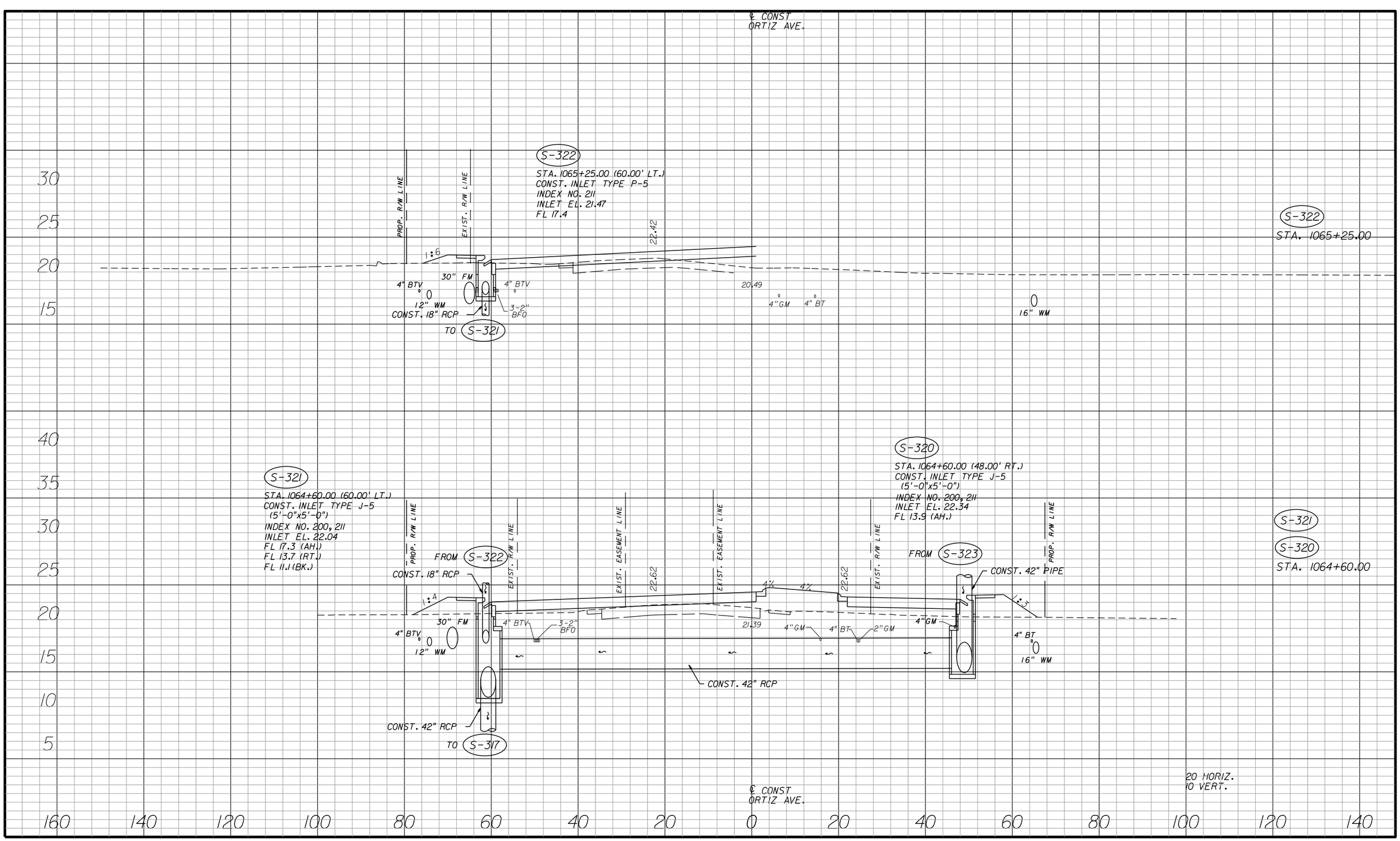

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# DRAINAGE STRUCTURES
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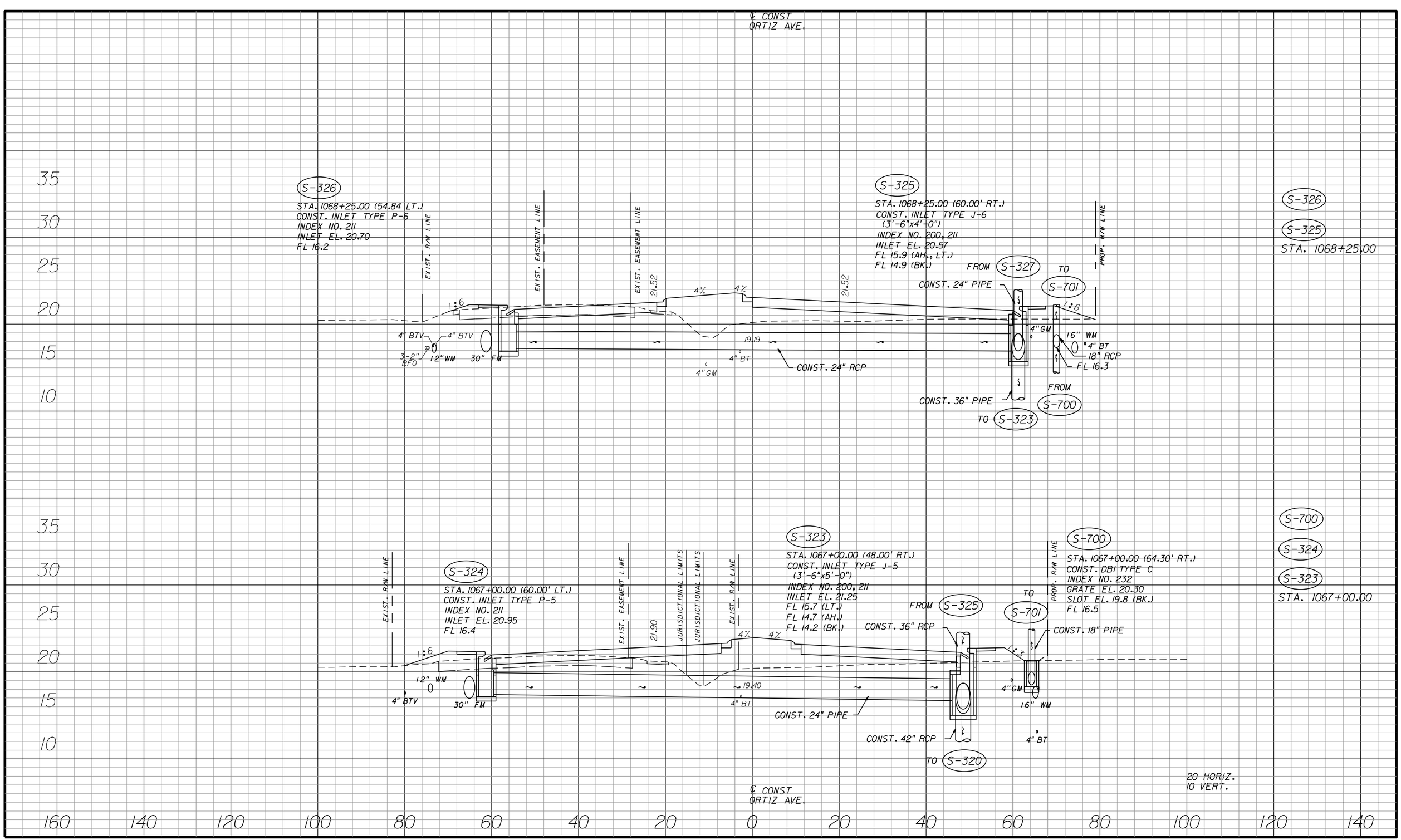

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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119


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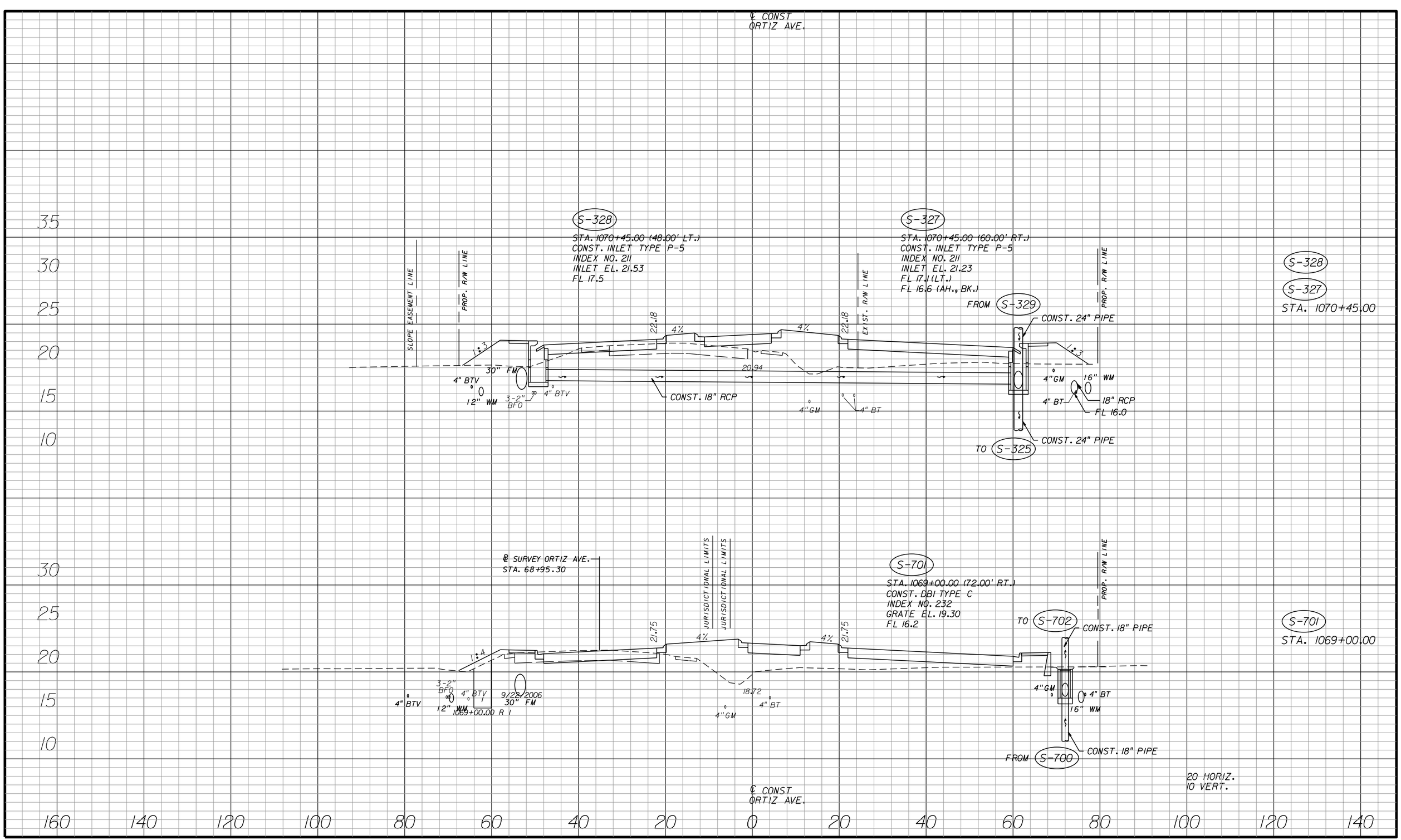

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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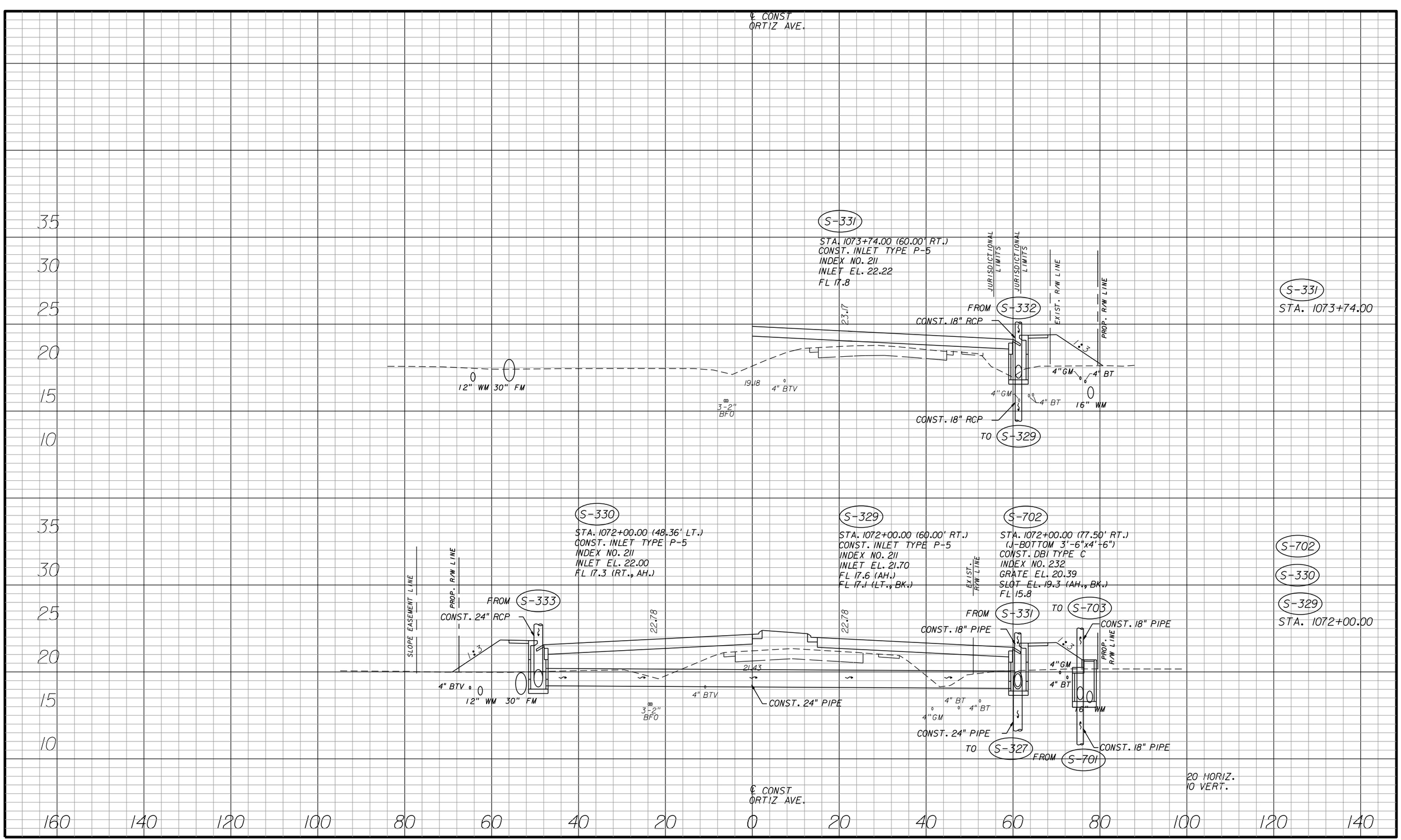

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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121




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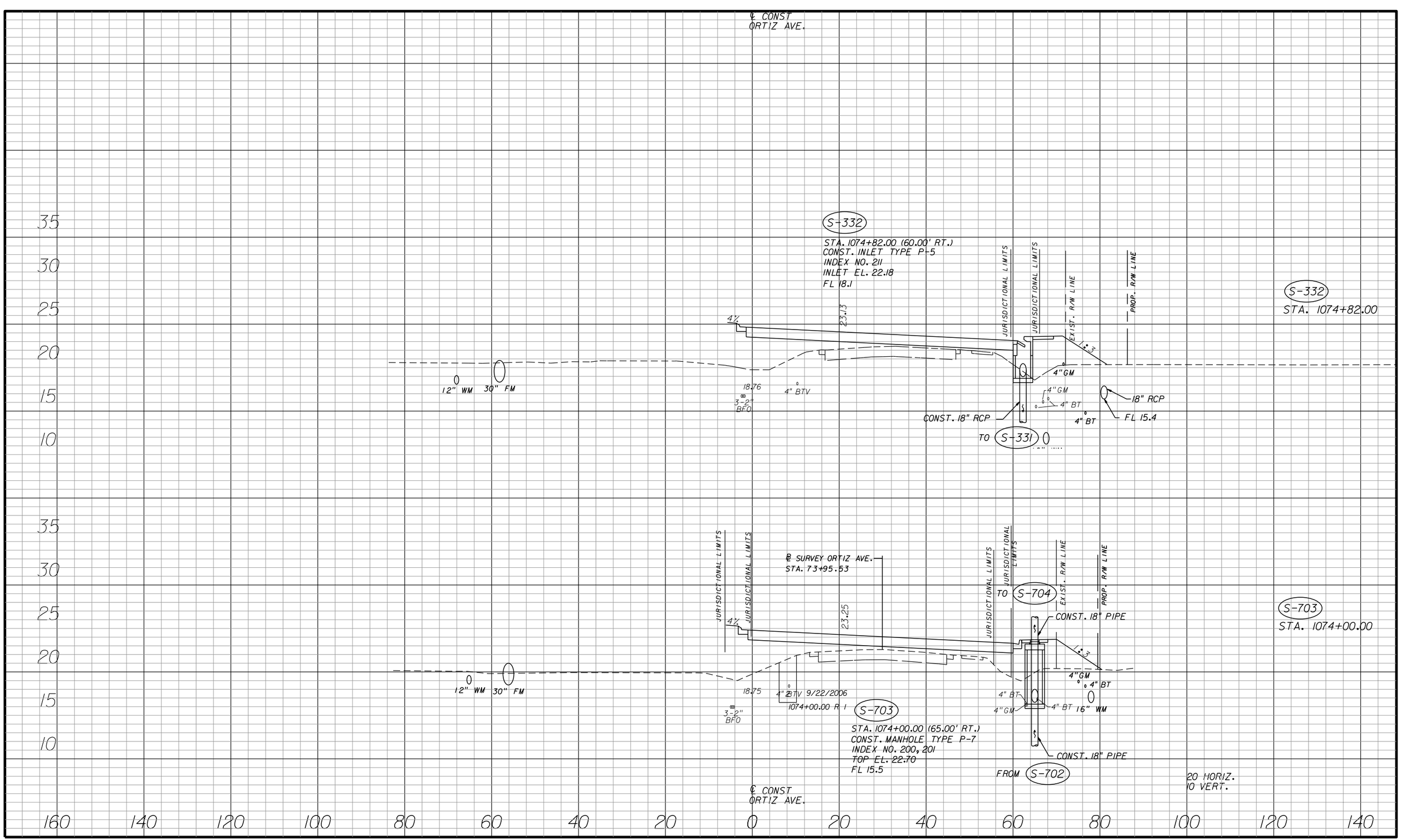

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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122




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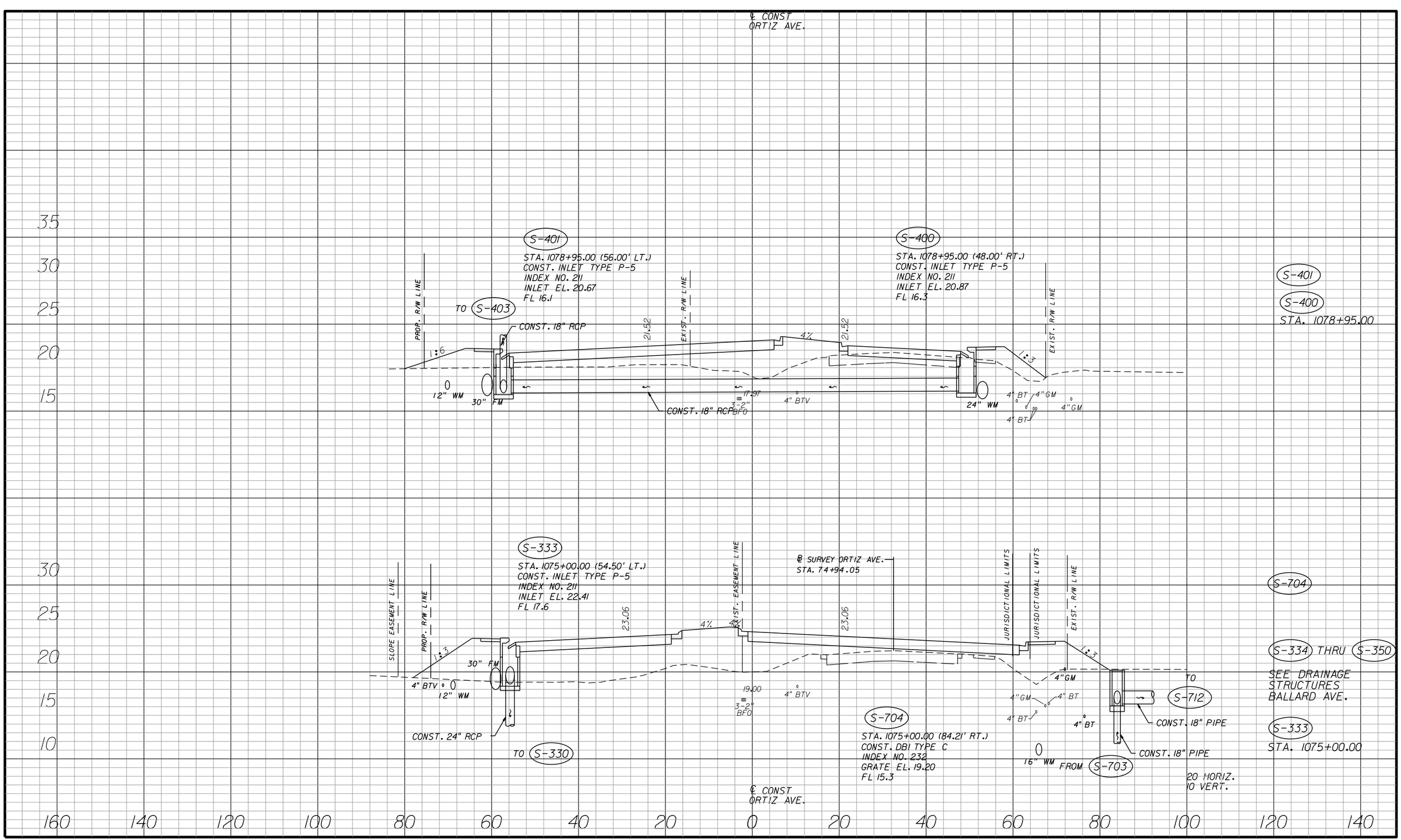

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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123

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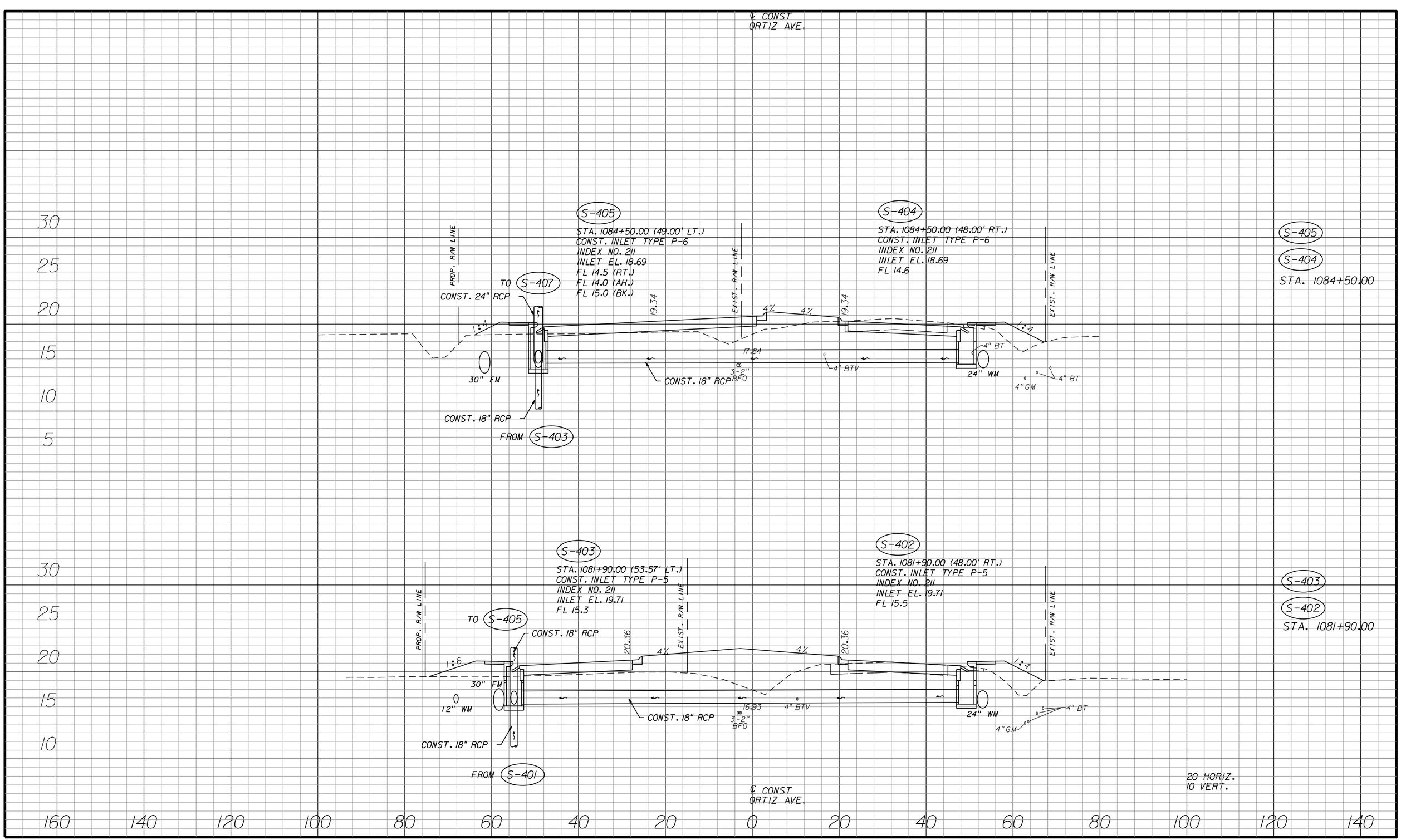

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# DRAINAGE STRUCTURES ORTIZ AVENUE

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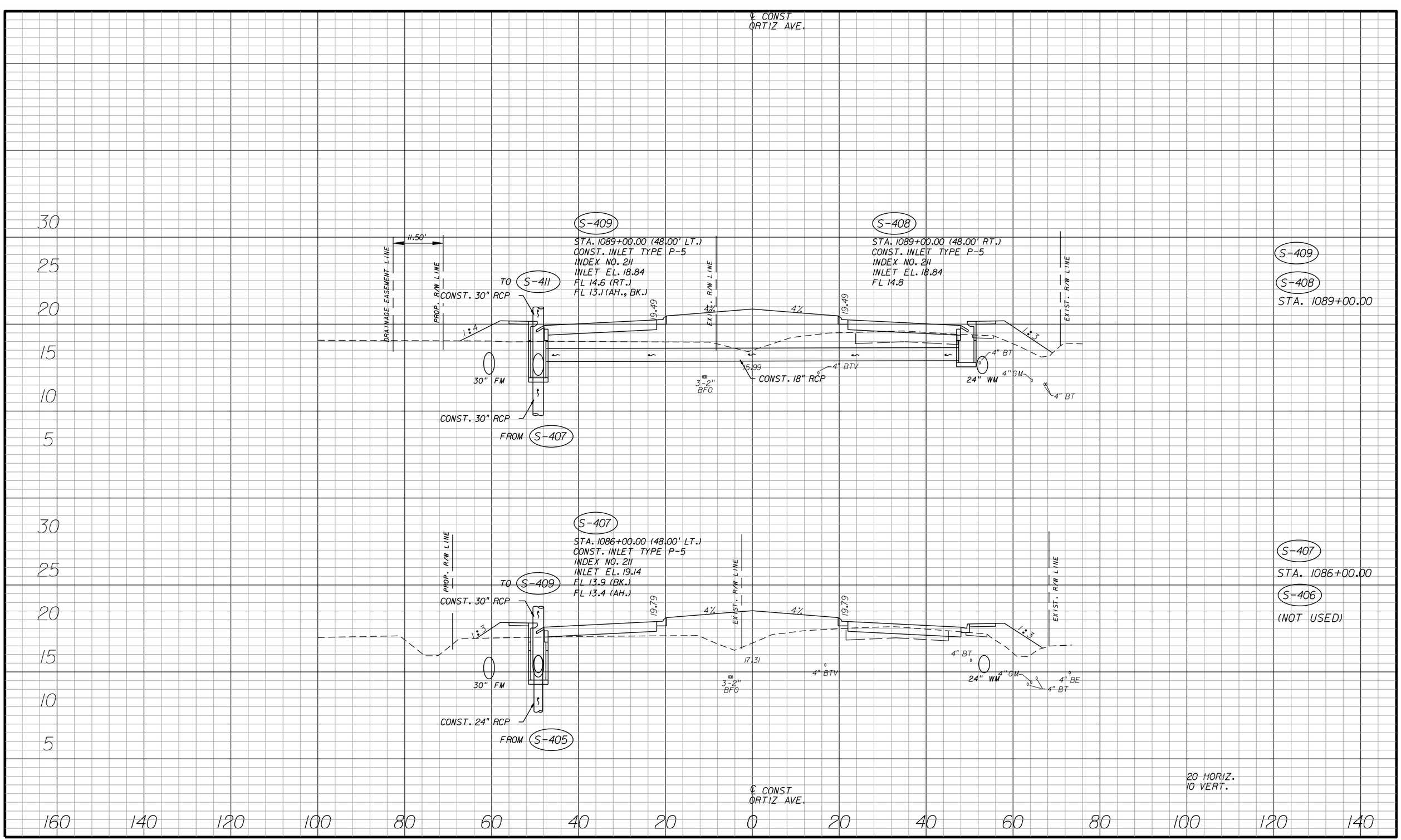

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO.
125

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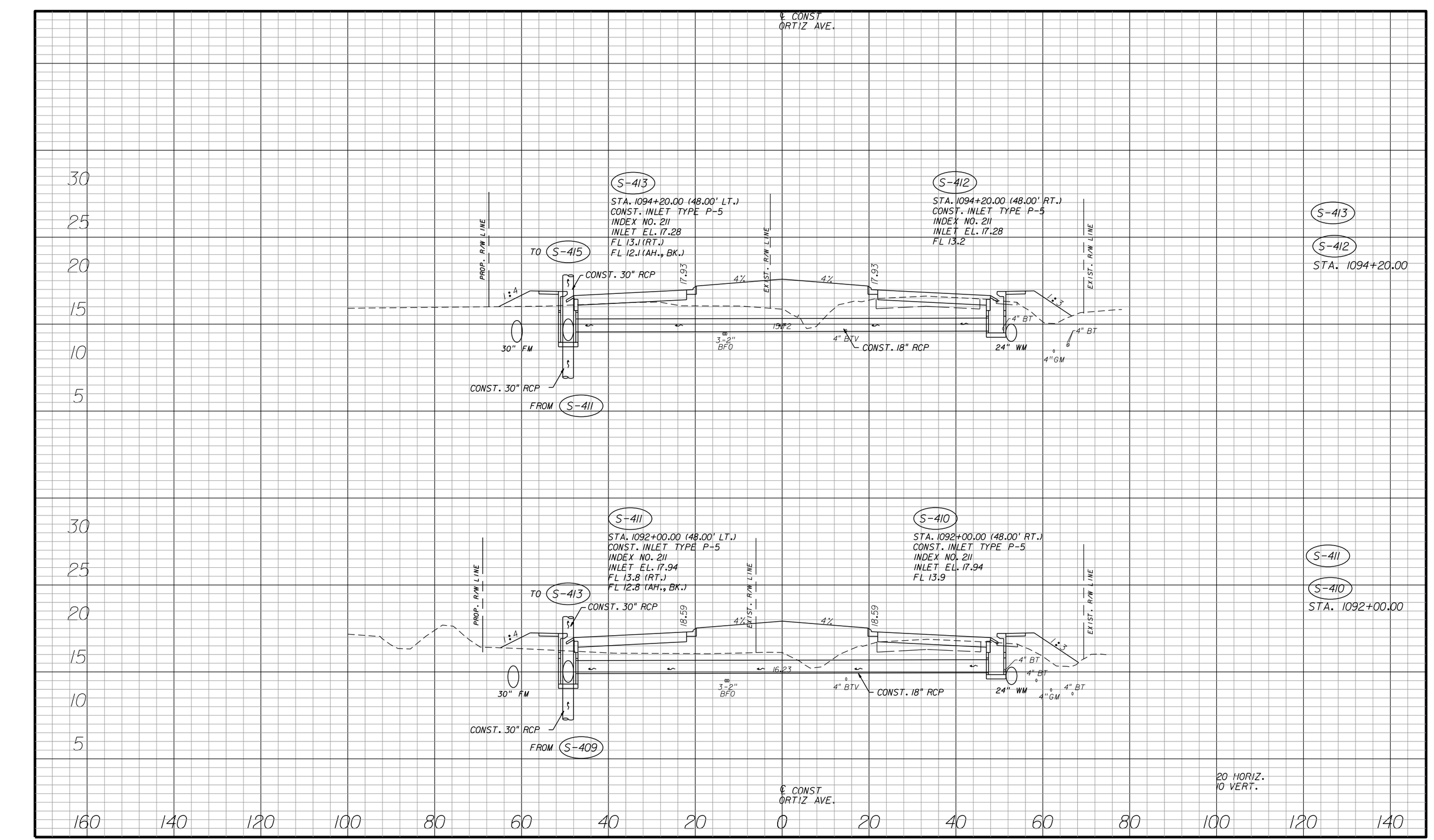

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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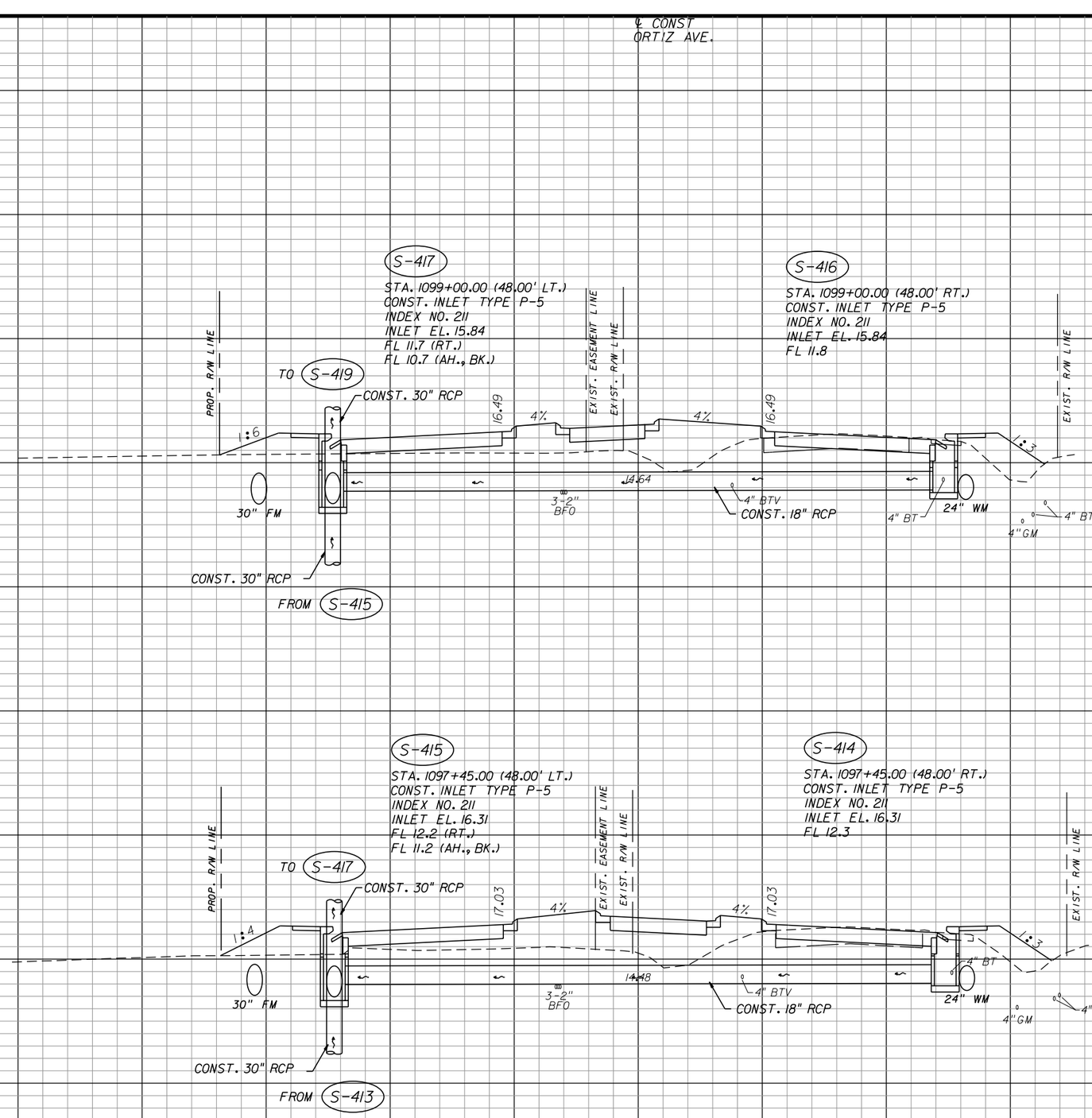

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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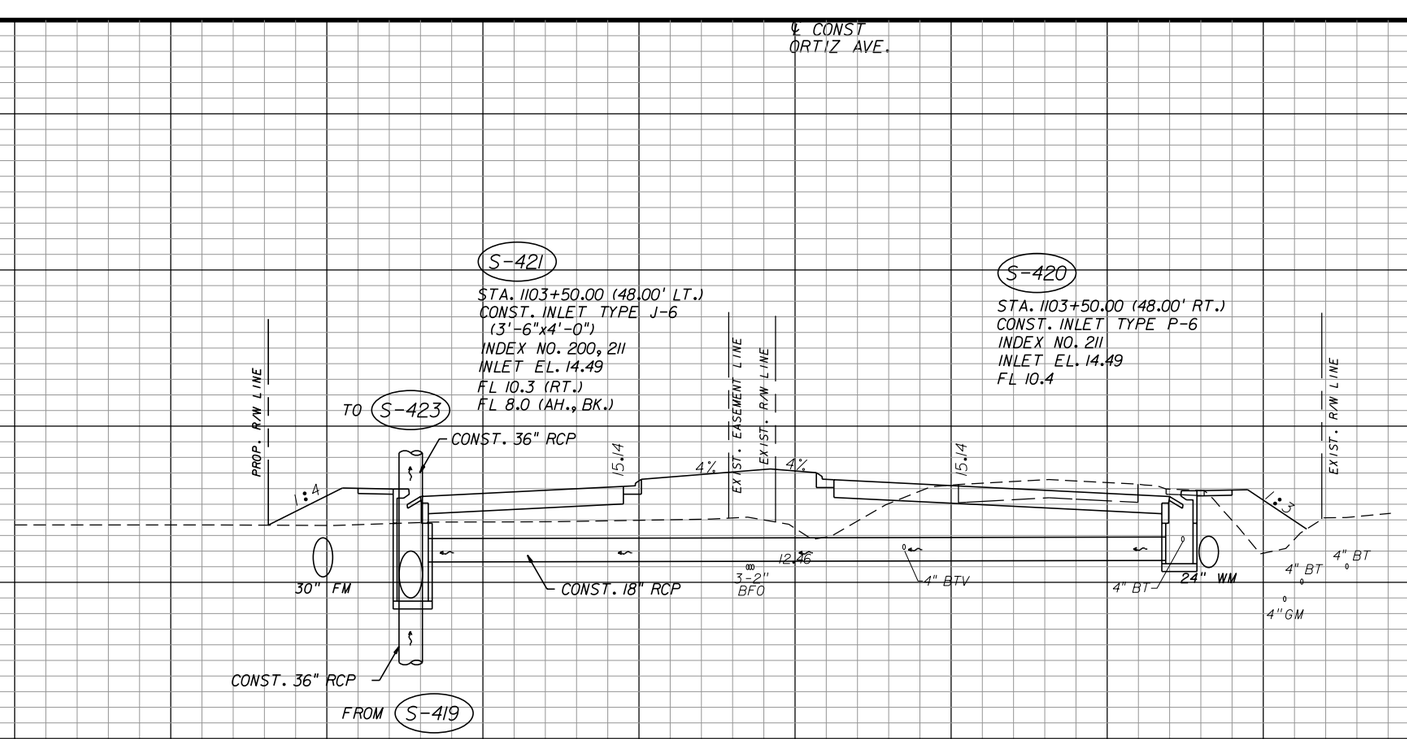

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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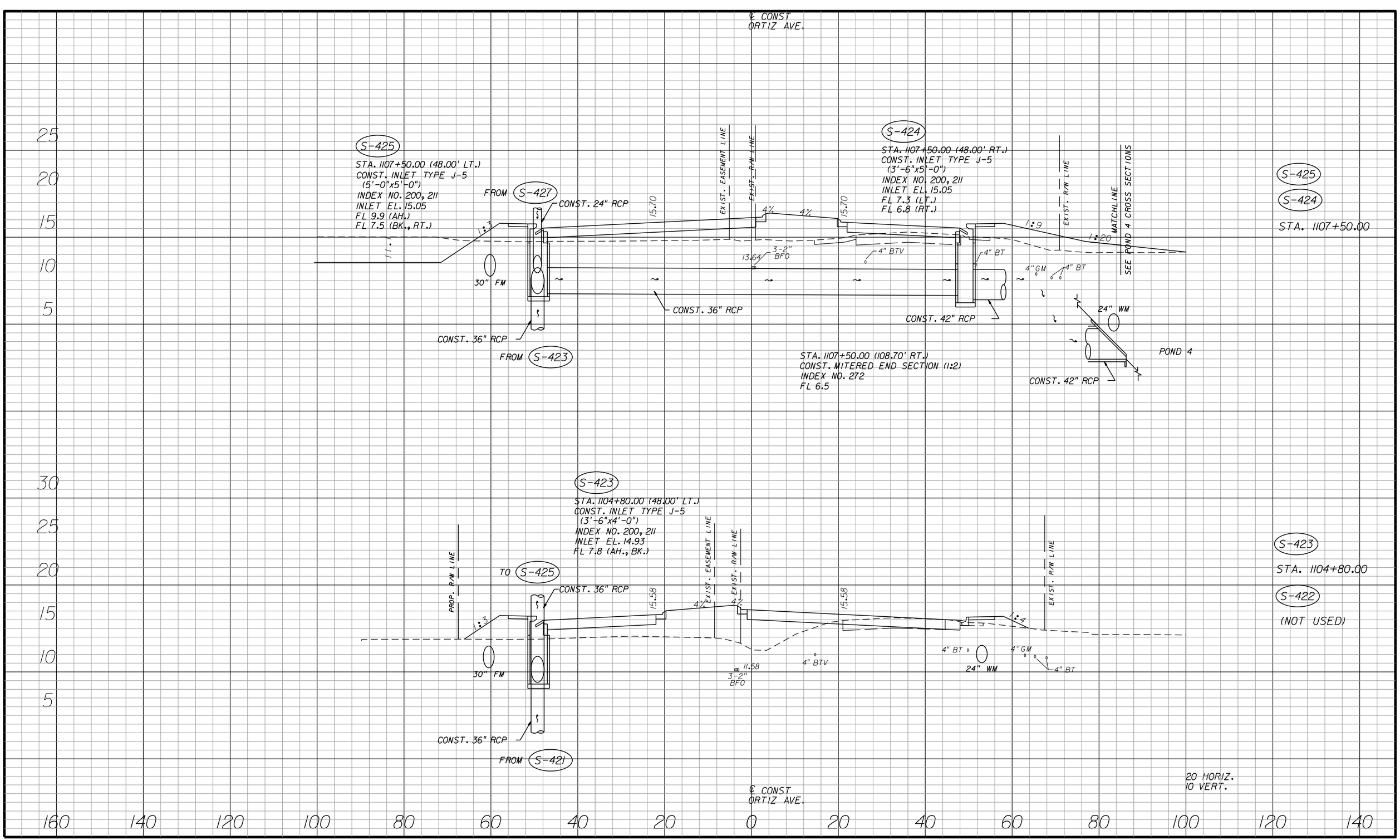

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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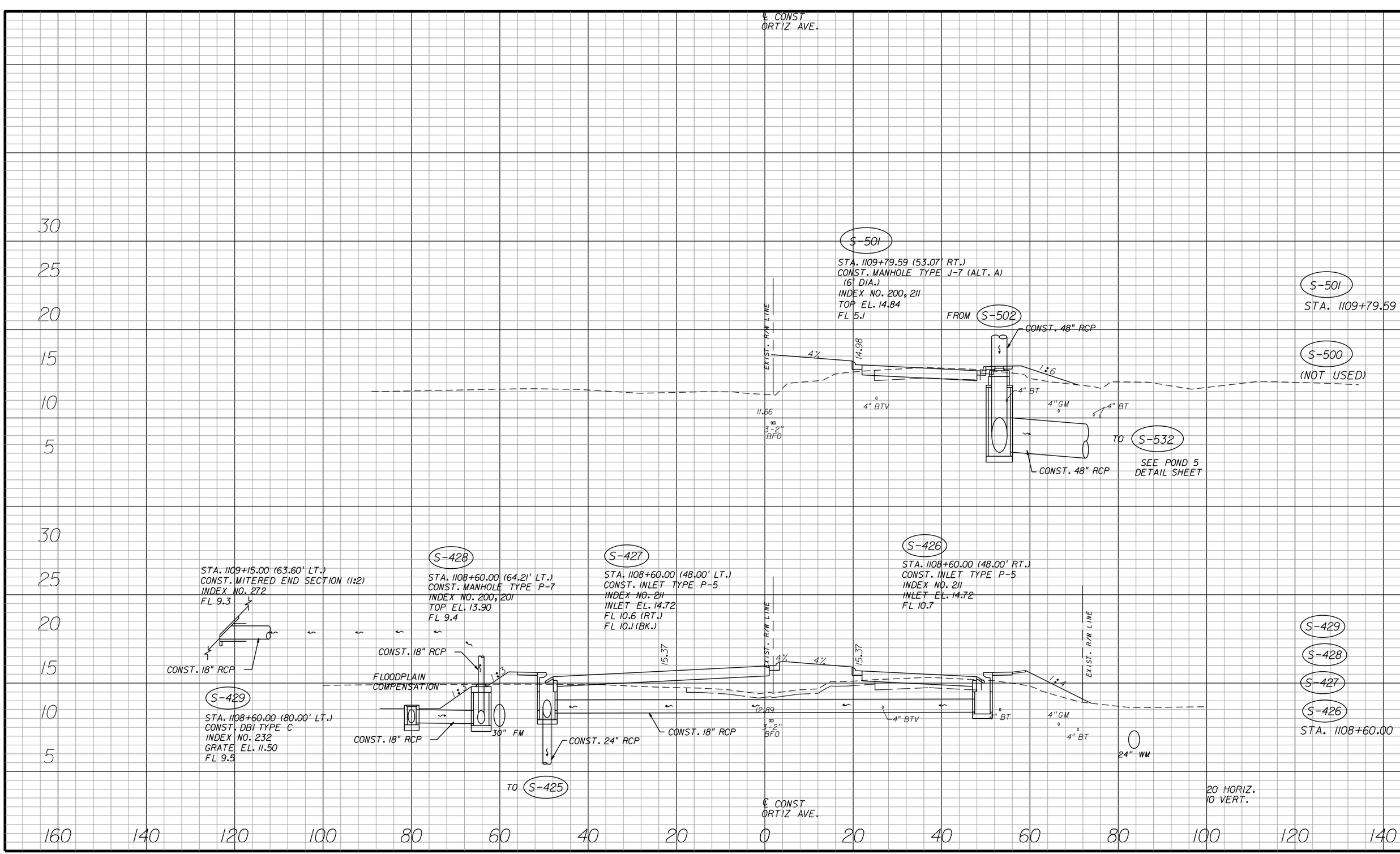

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO.
130


apeters
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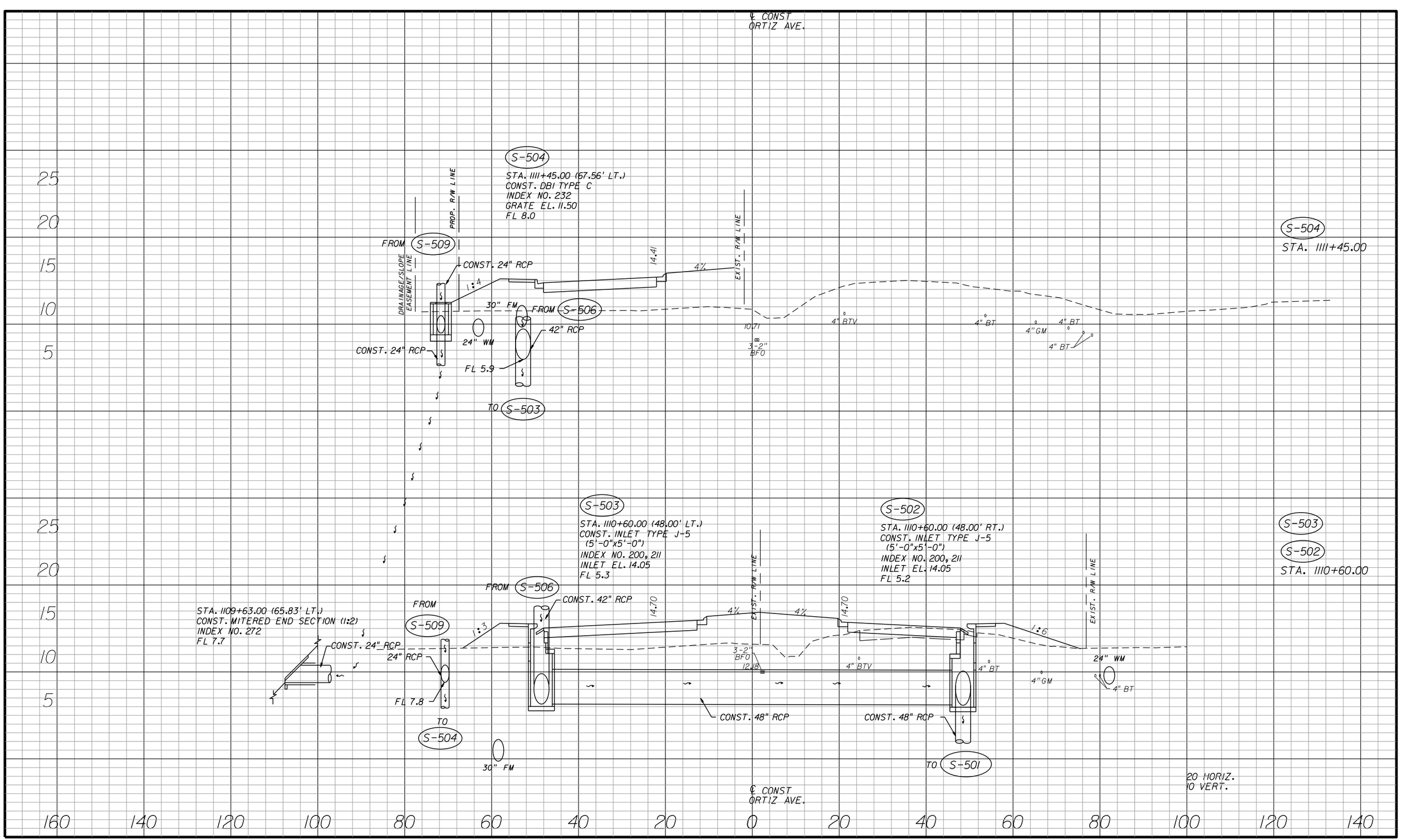

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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO.
131




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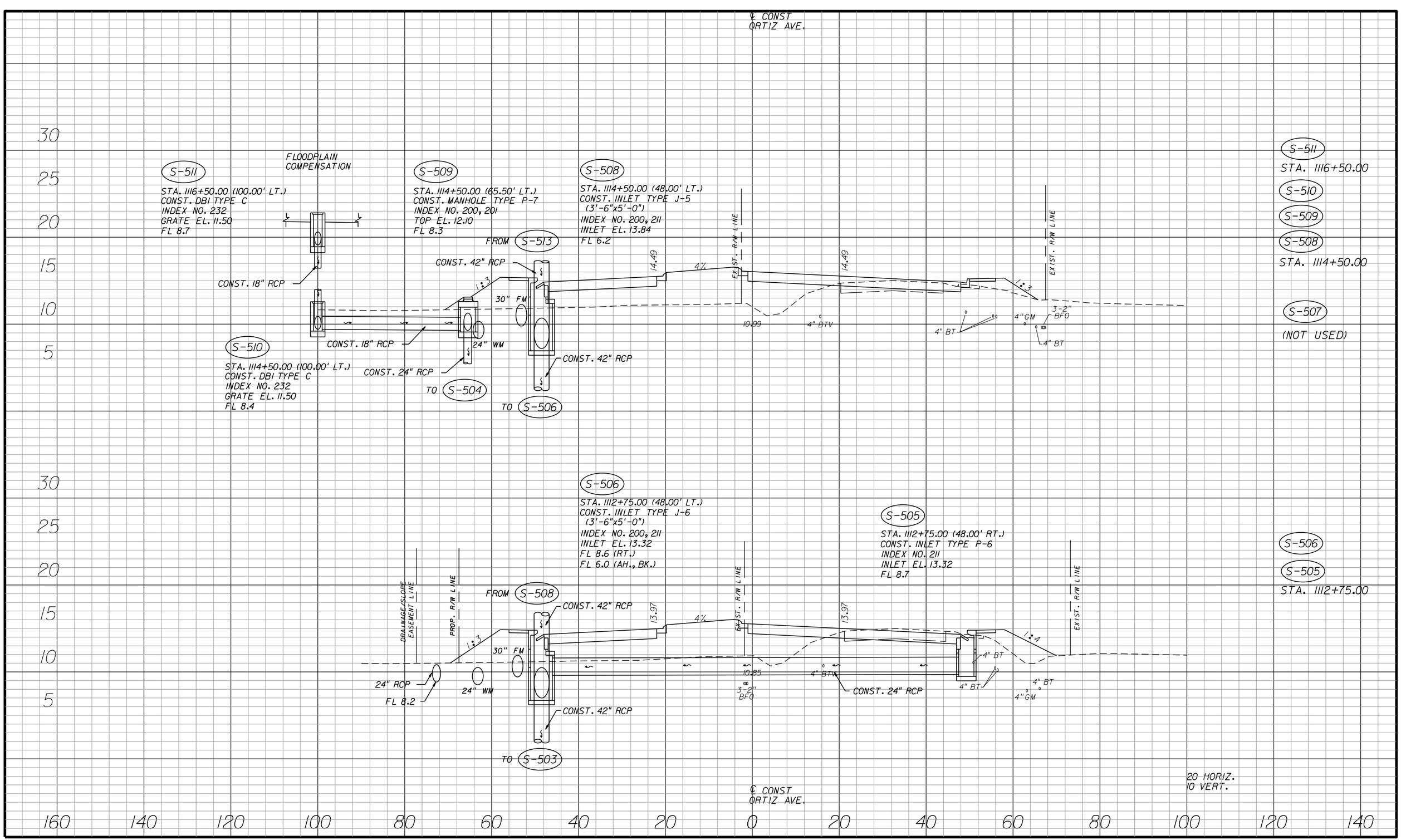

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO. 132




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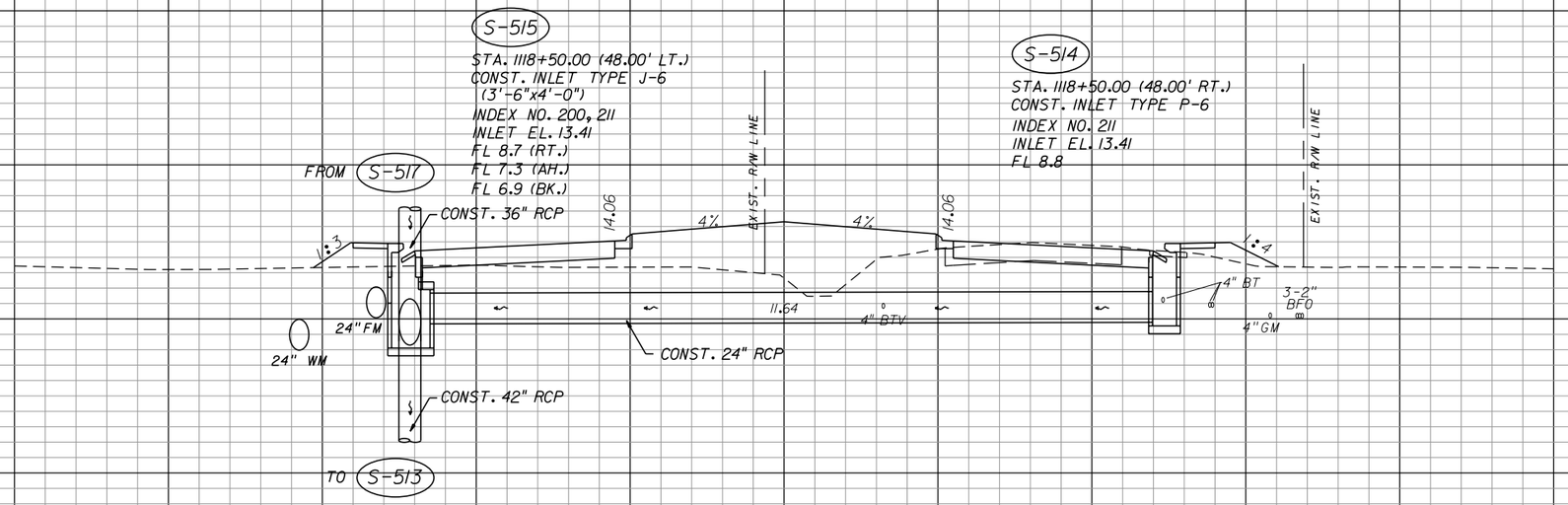

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO.
133


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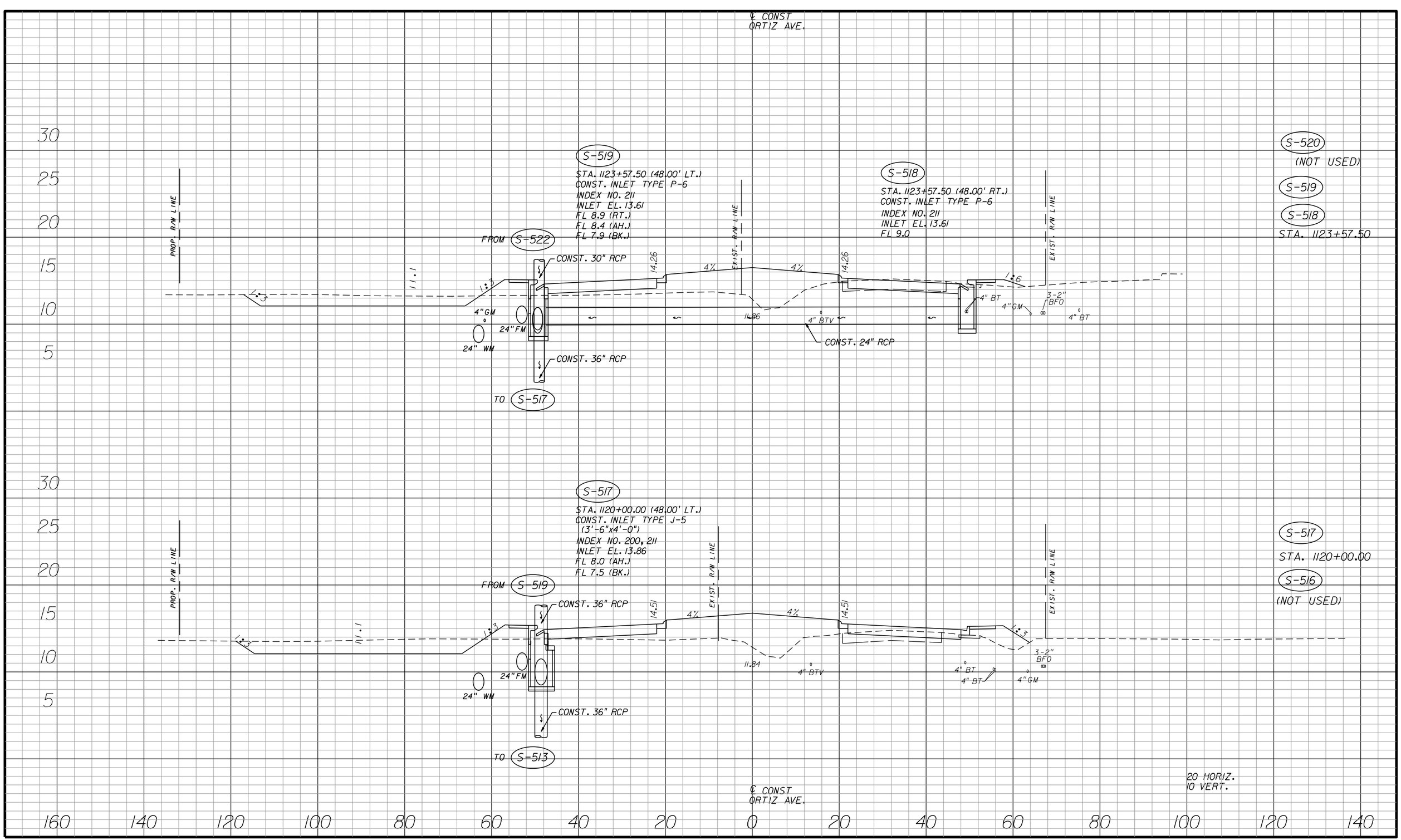

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

SHEET NO. 134


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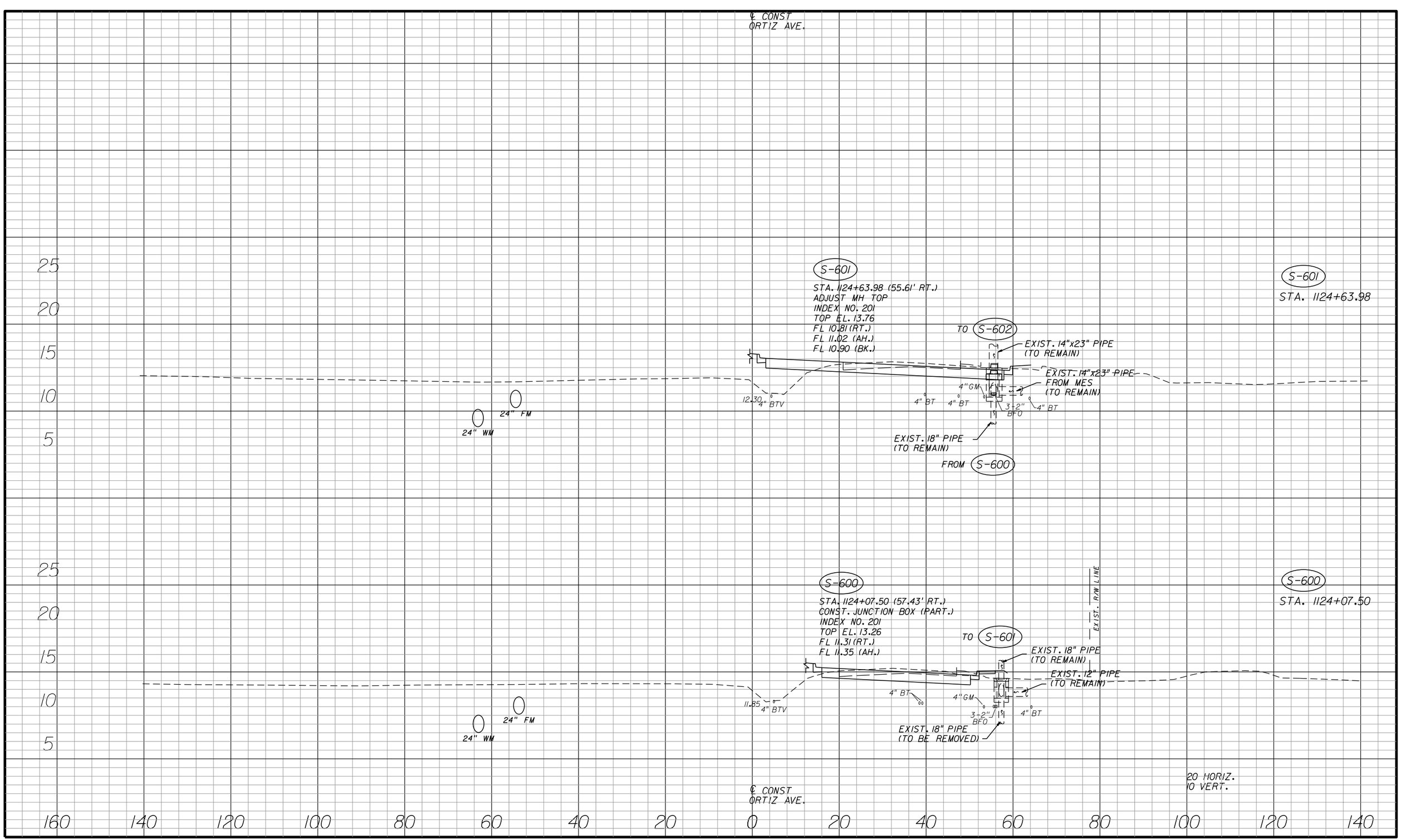

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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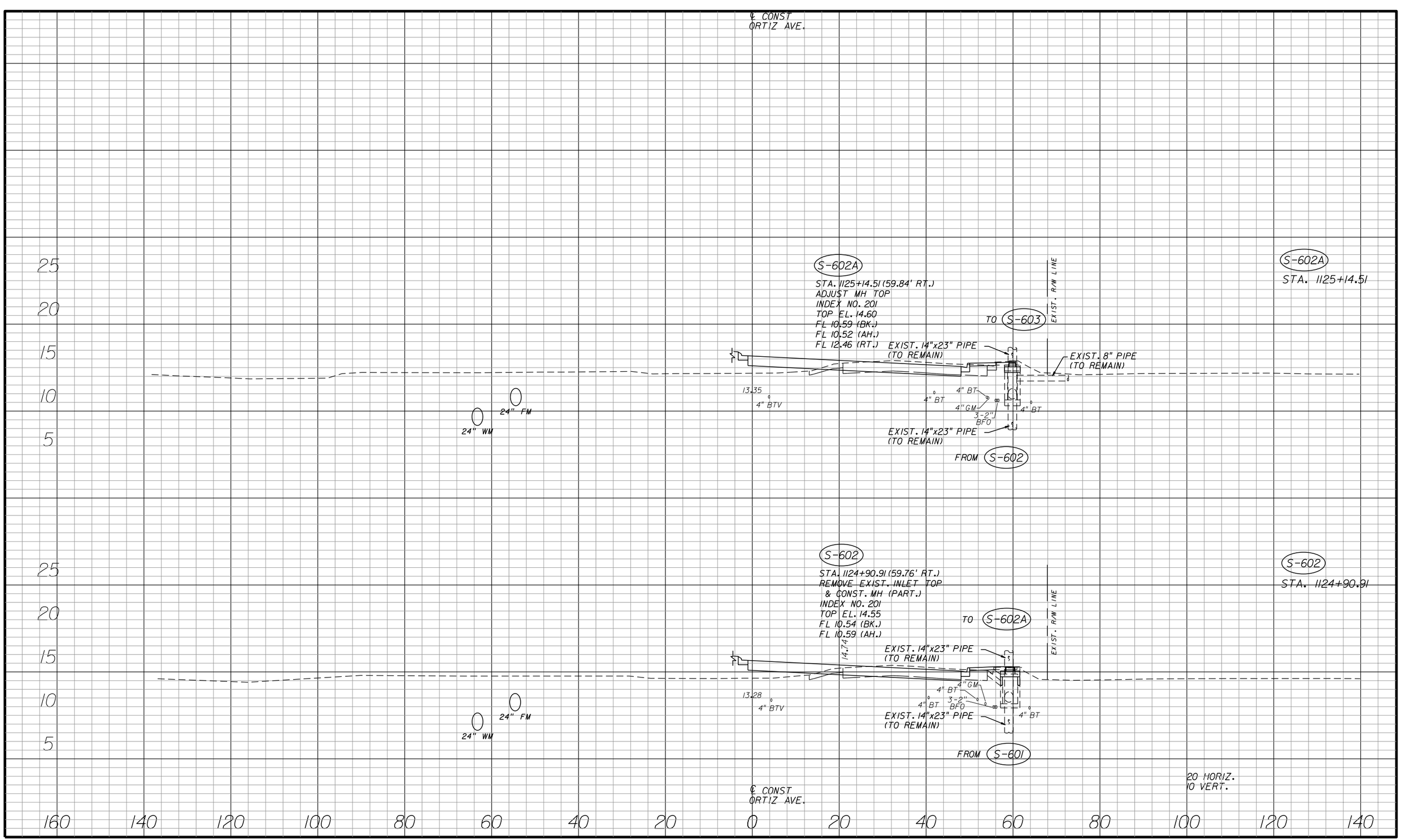

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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136

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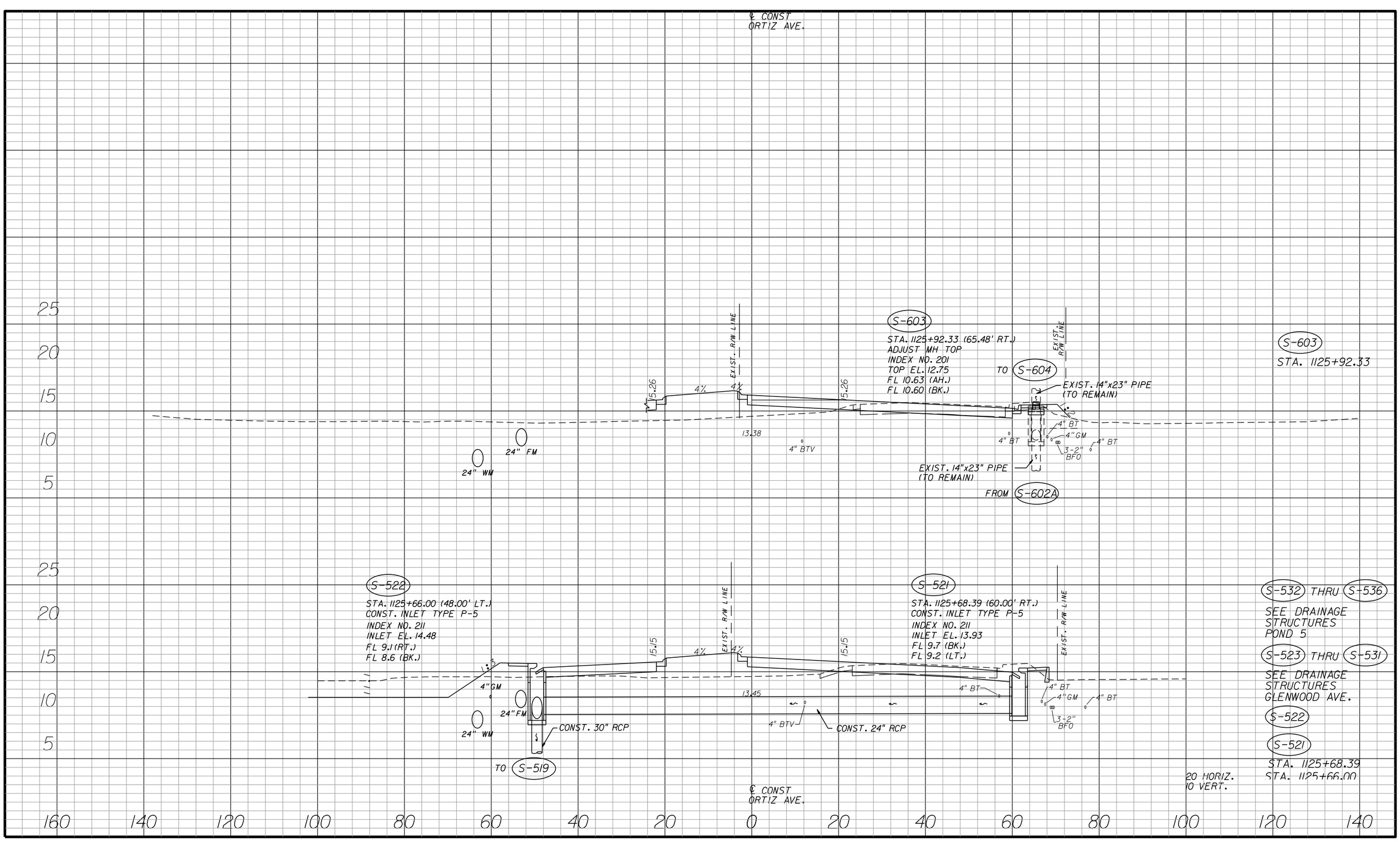

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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137

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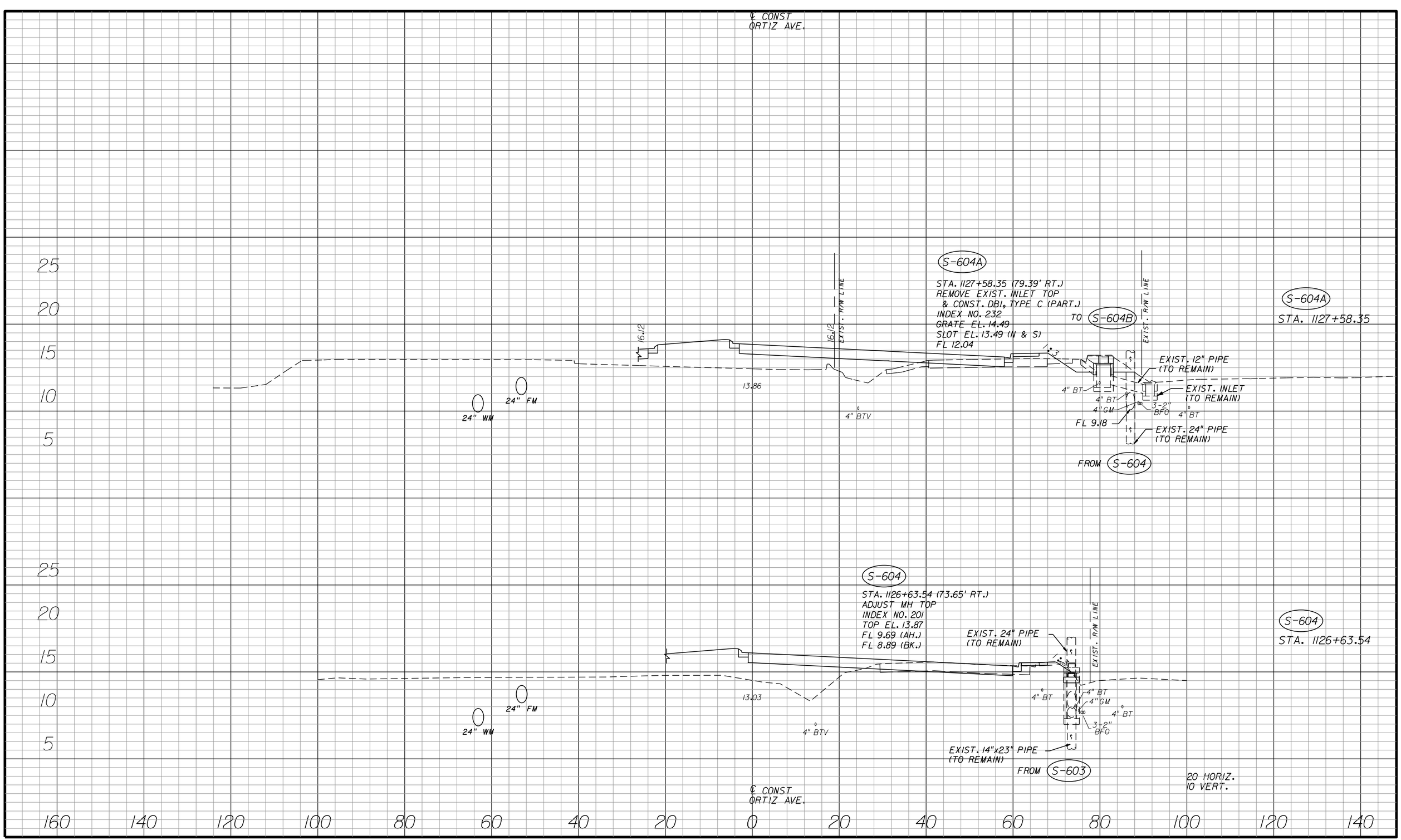

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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138

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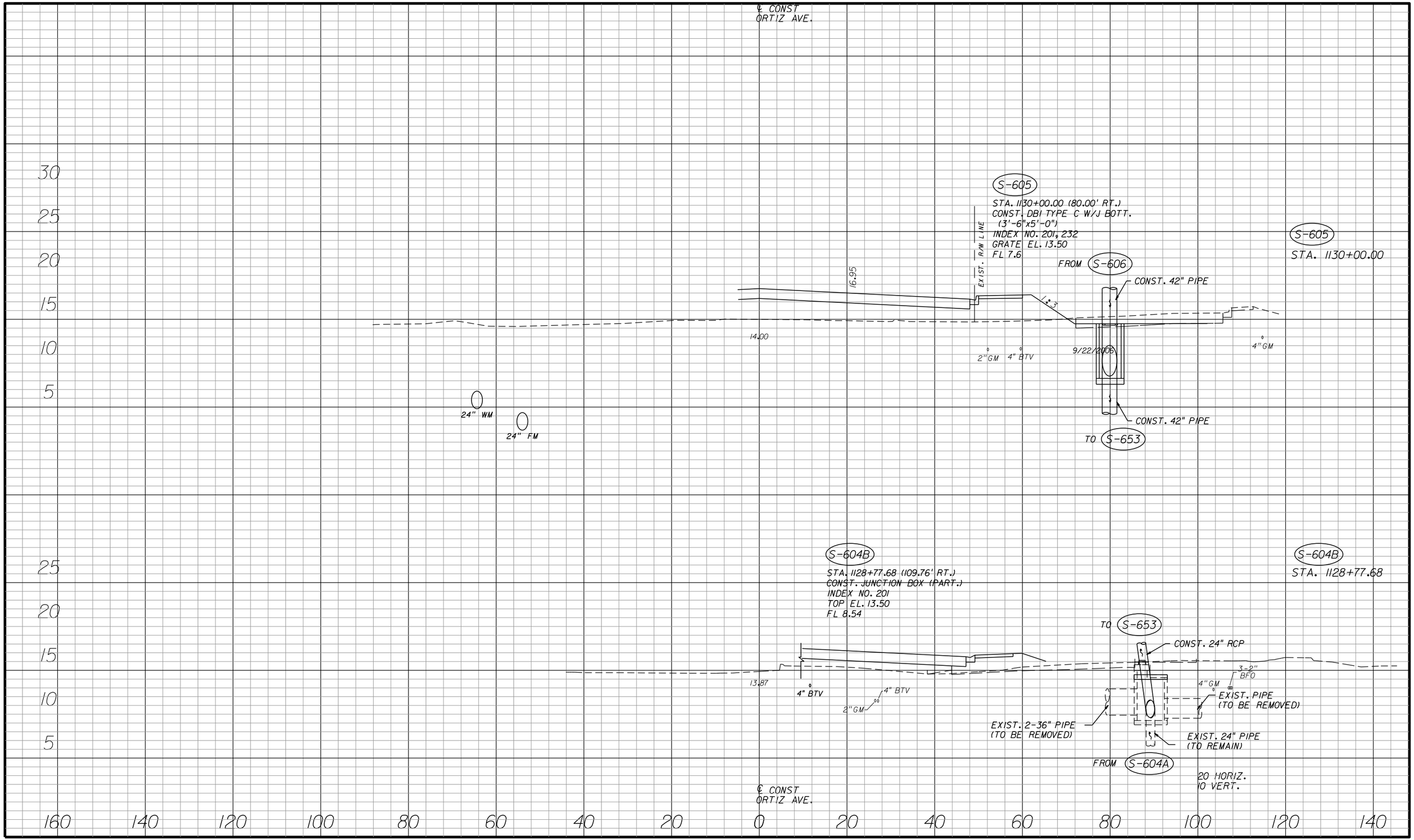

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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139

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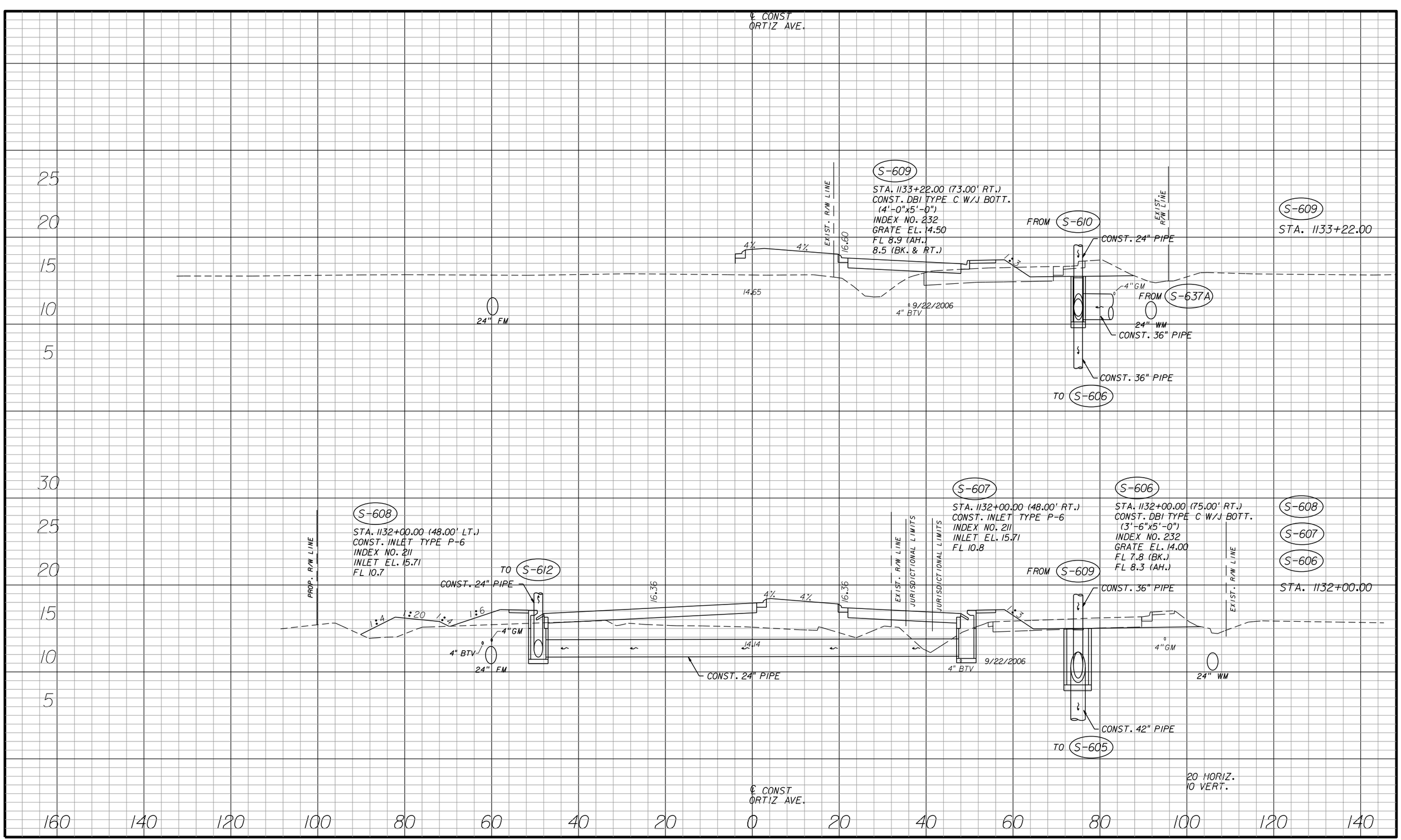

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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140

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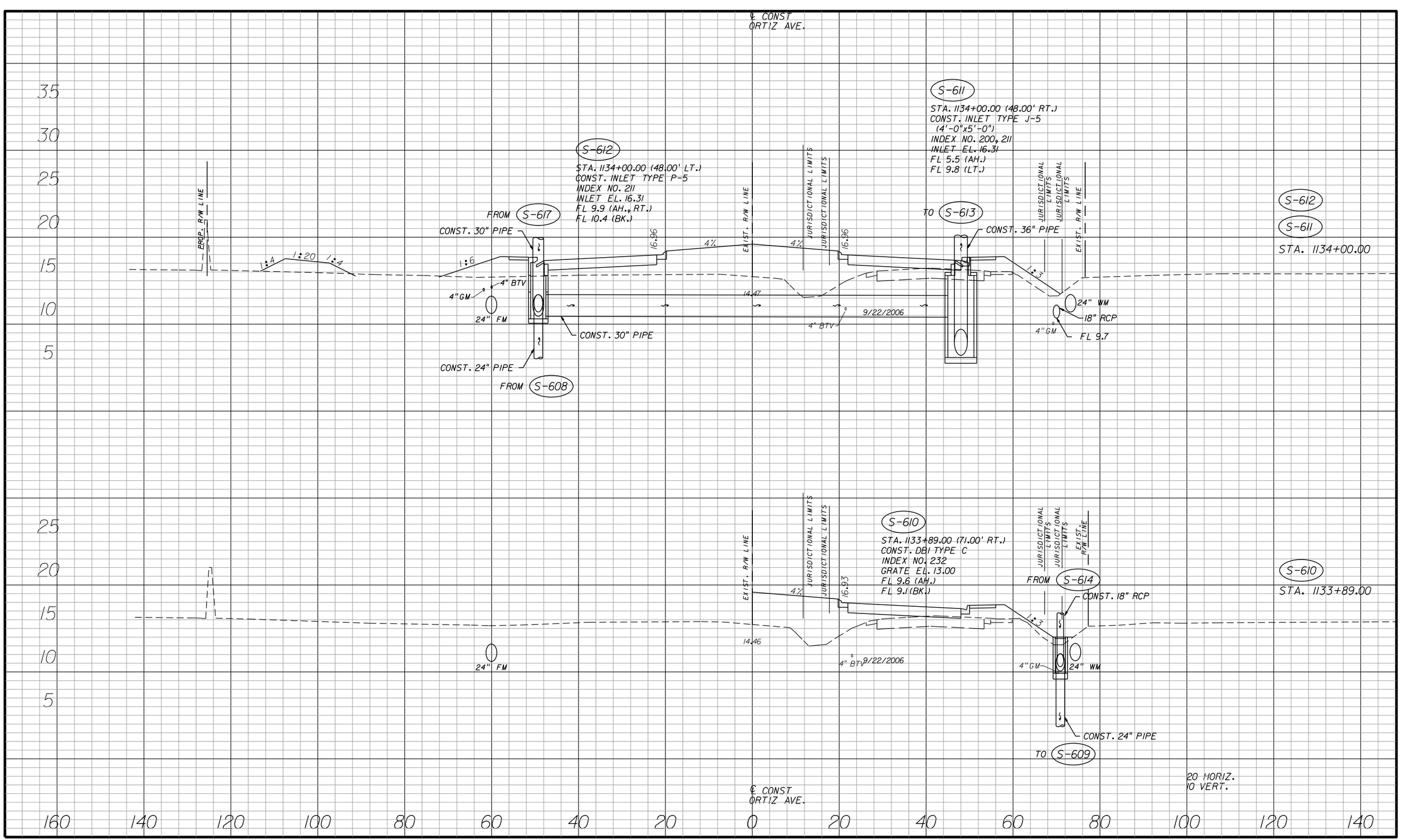

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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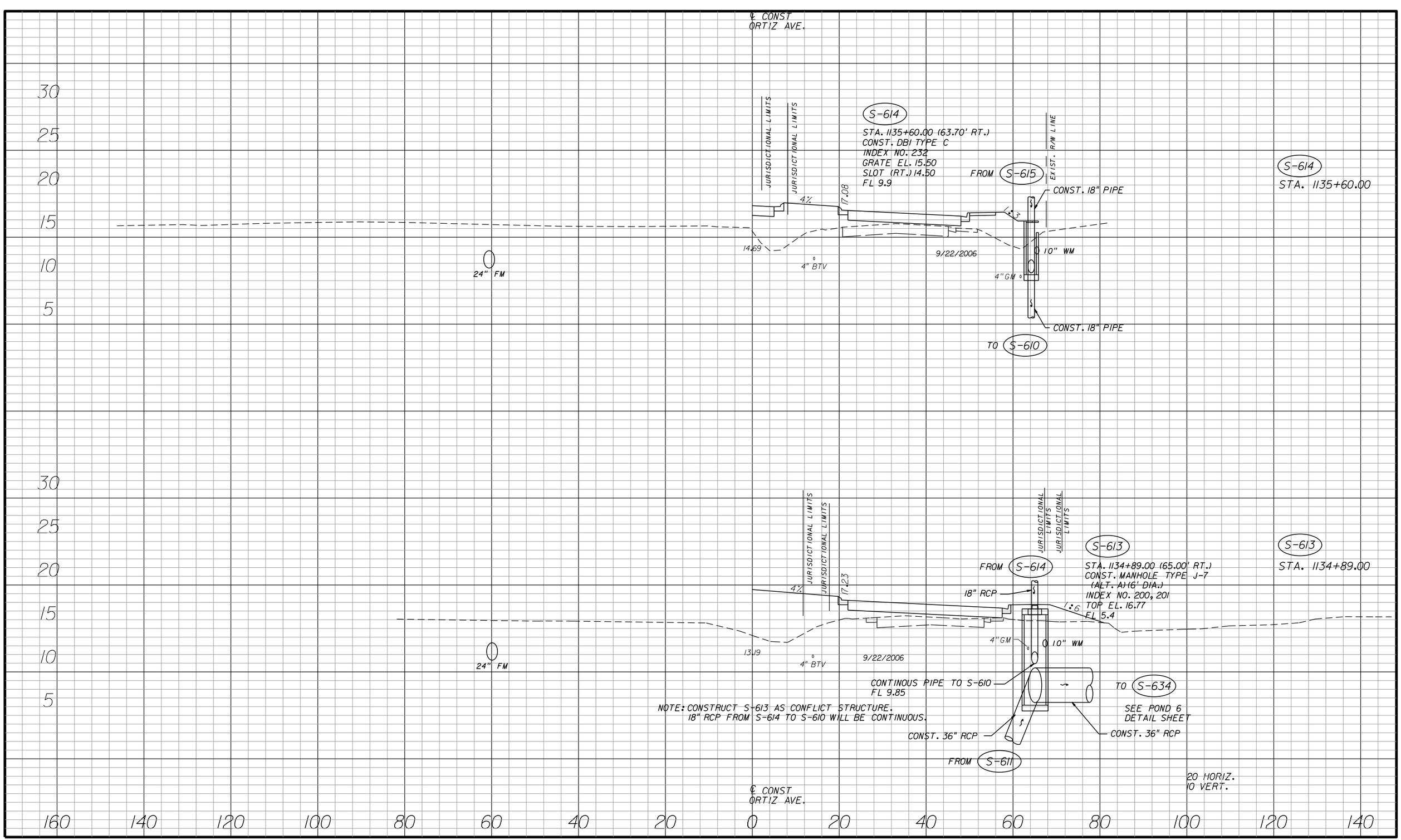

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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142

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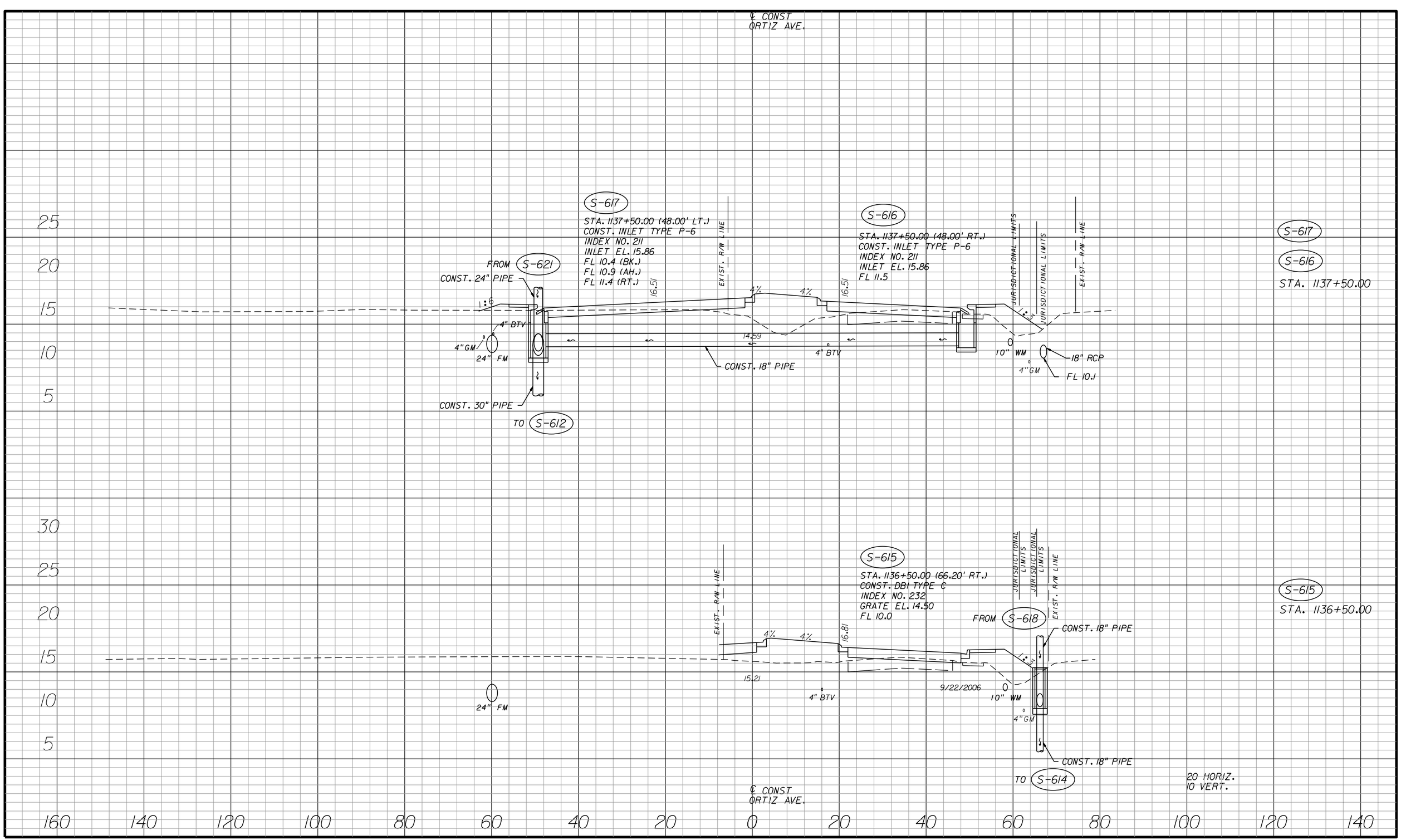

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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143

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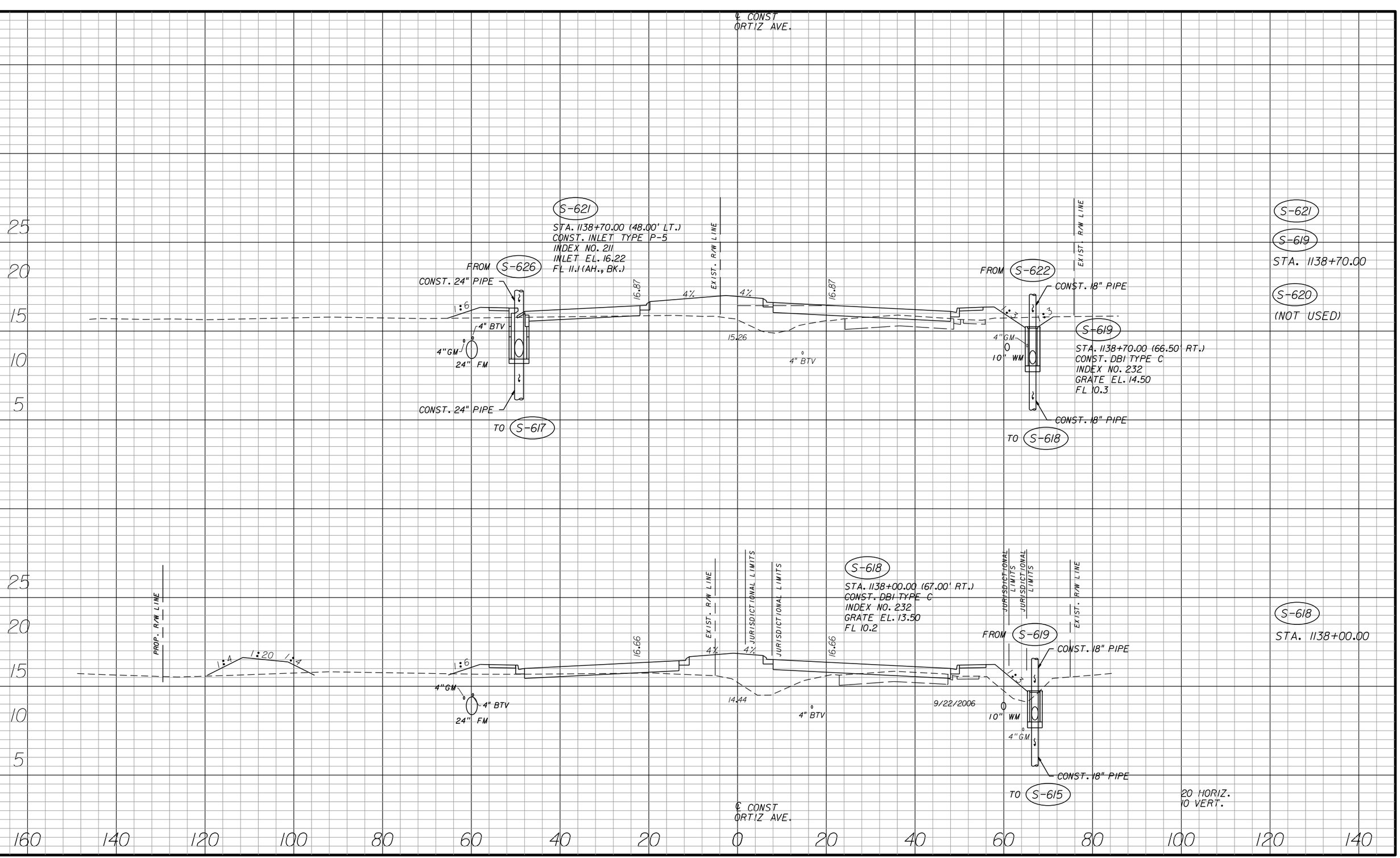

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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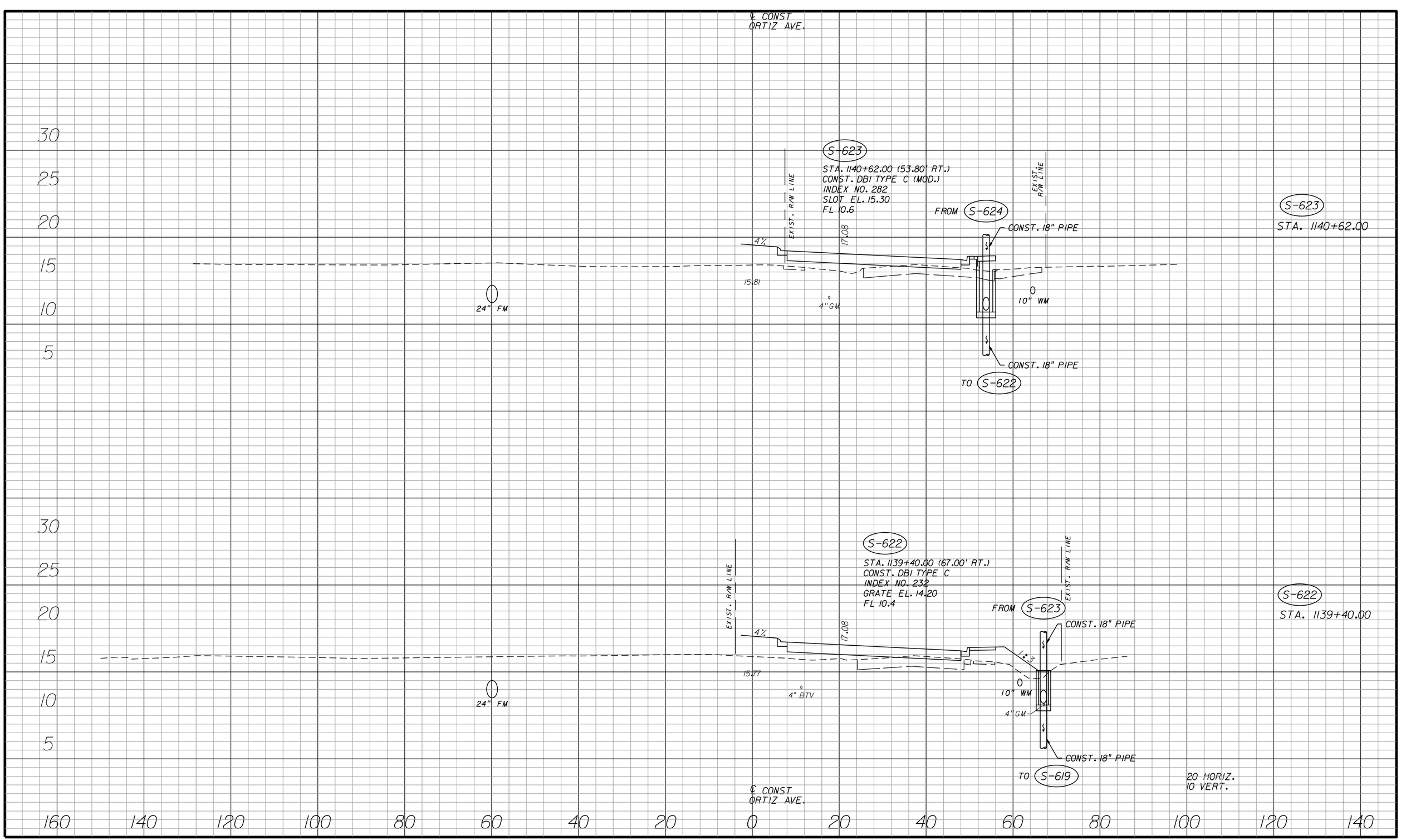

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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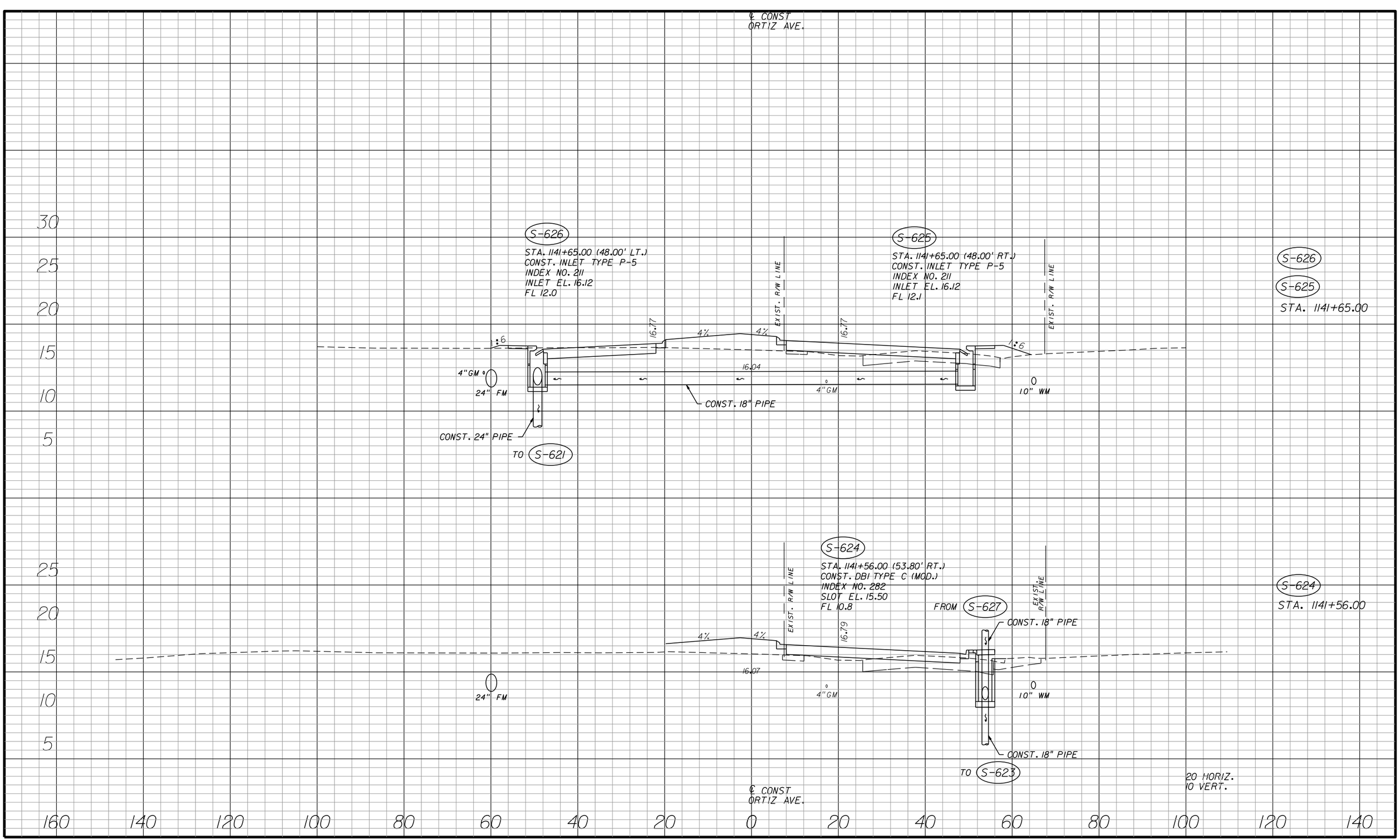

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# DRAINAGE STRUCTURES
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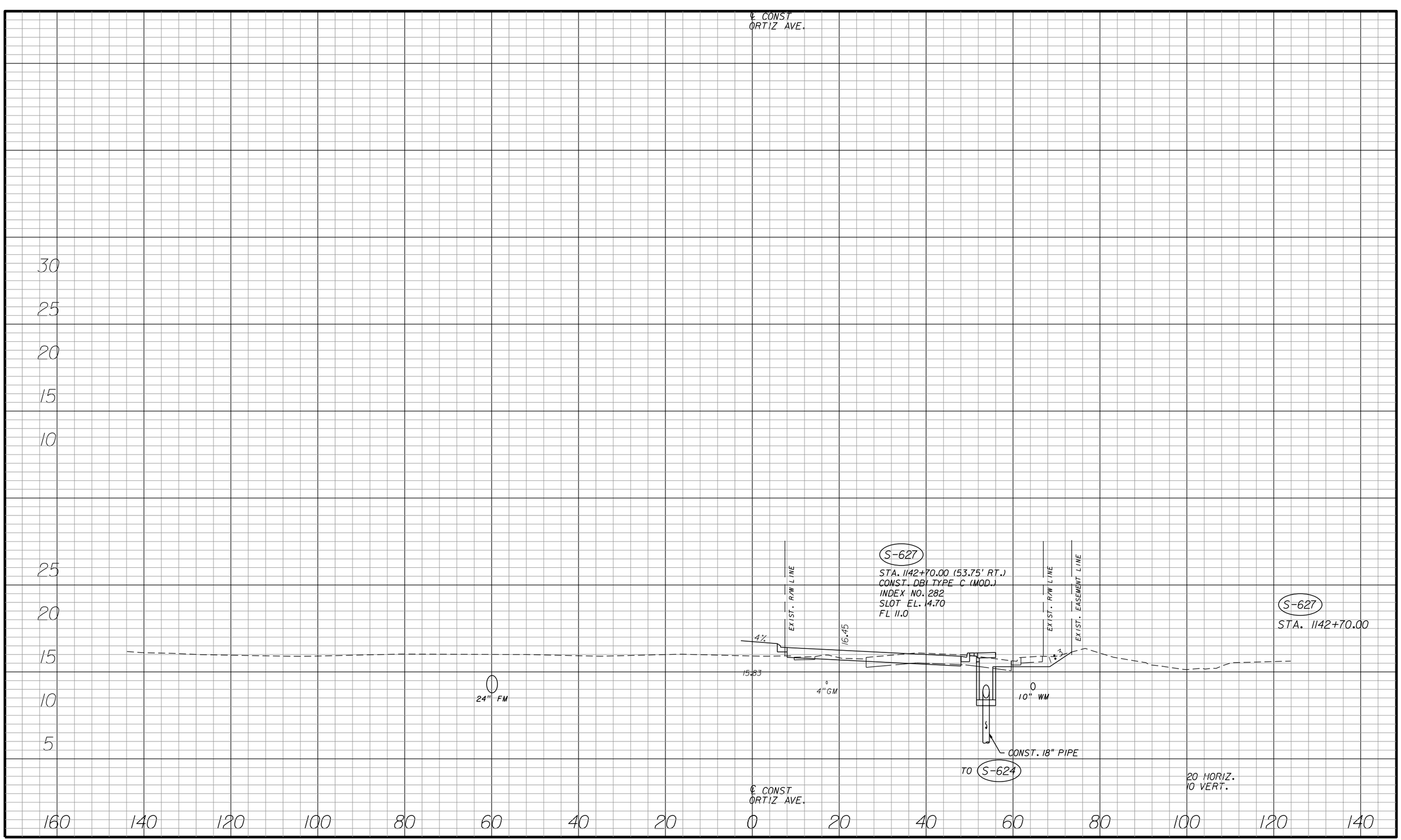

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# DRAINAGE STRUCTURES
# ORTIZ AVENUE

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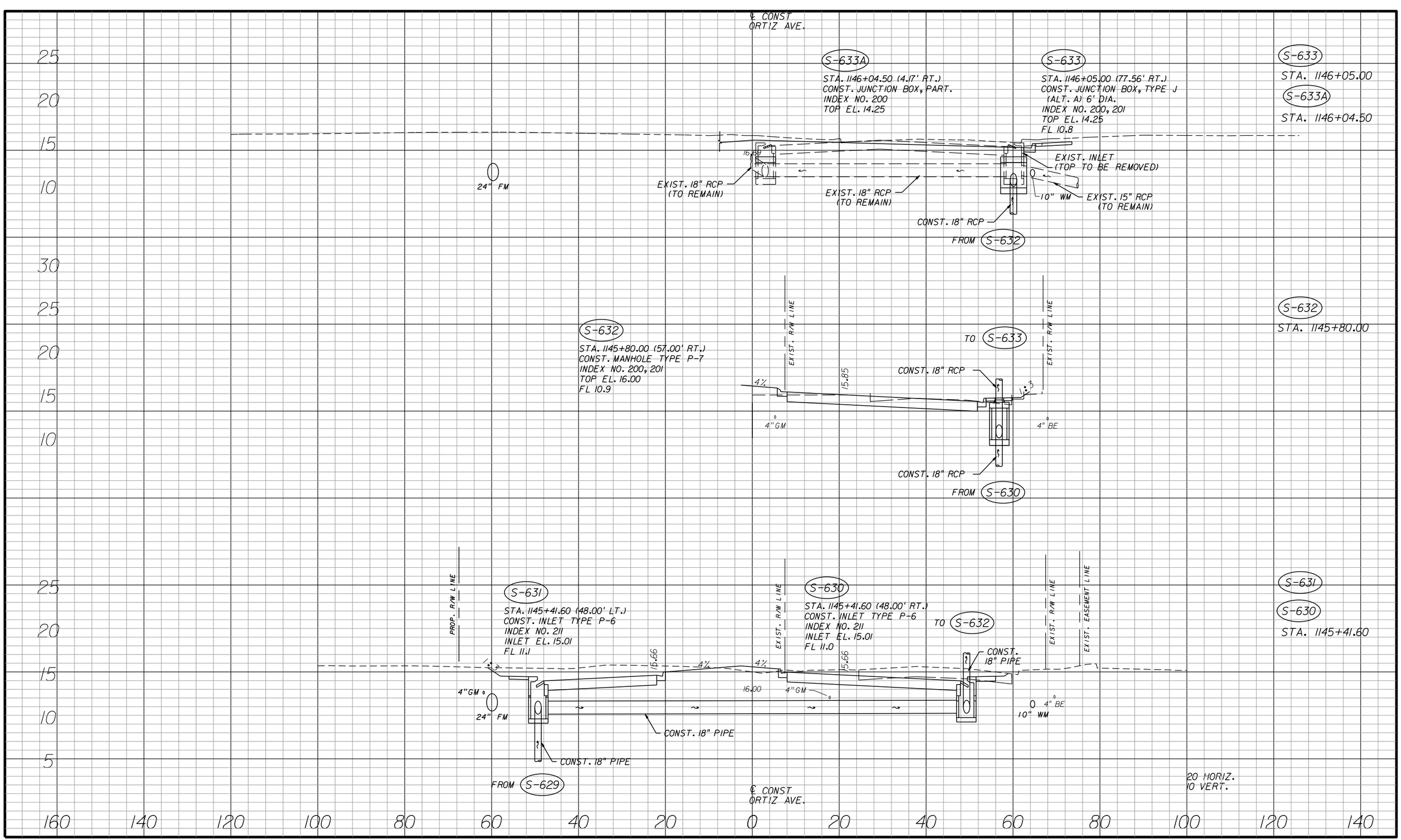

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# DRAINAGE STRUCTURES
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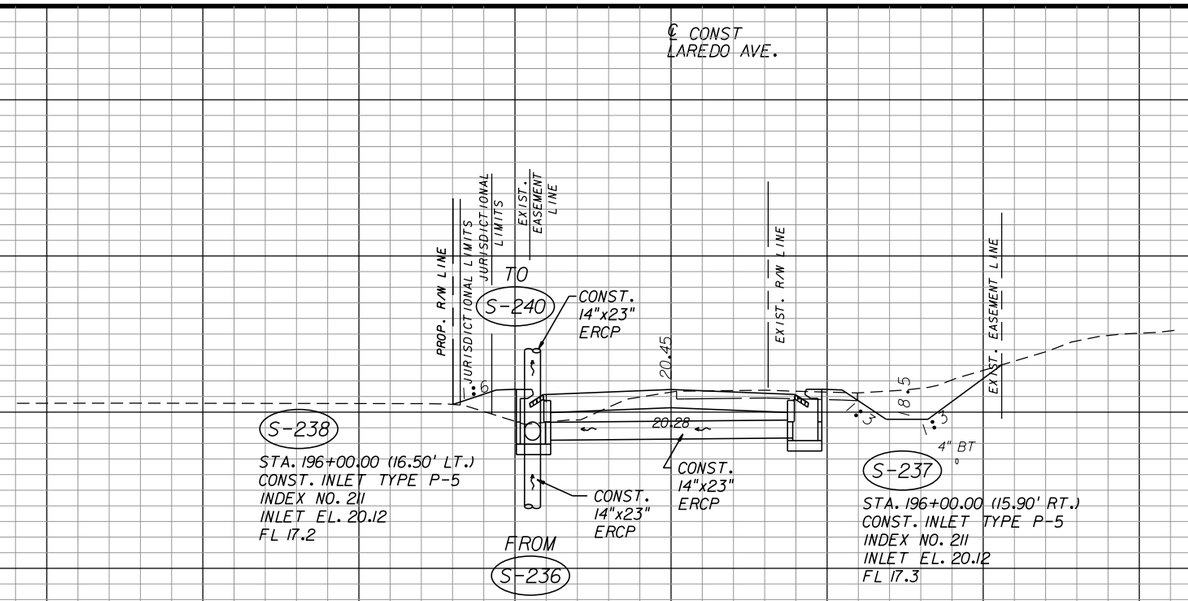

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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

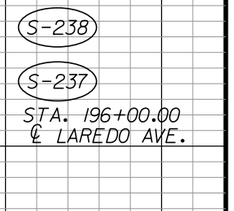

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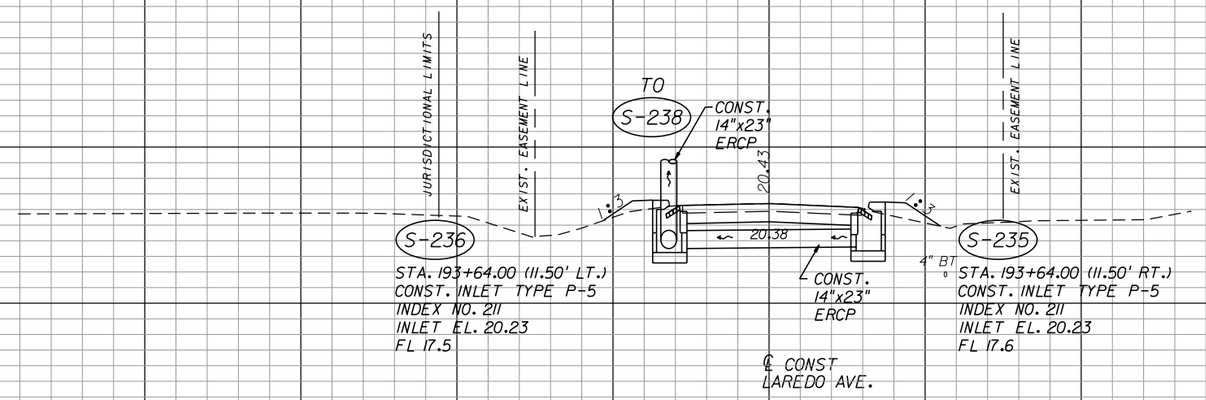

# DRAINAGE STRUCTURES
# ORTIZ AVENUE

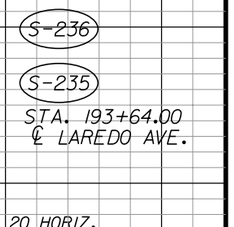
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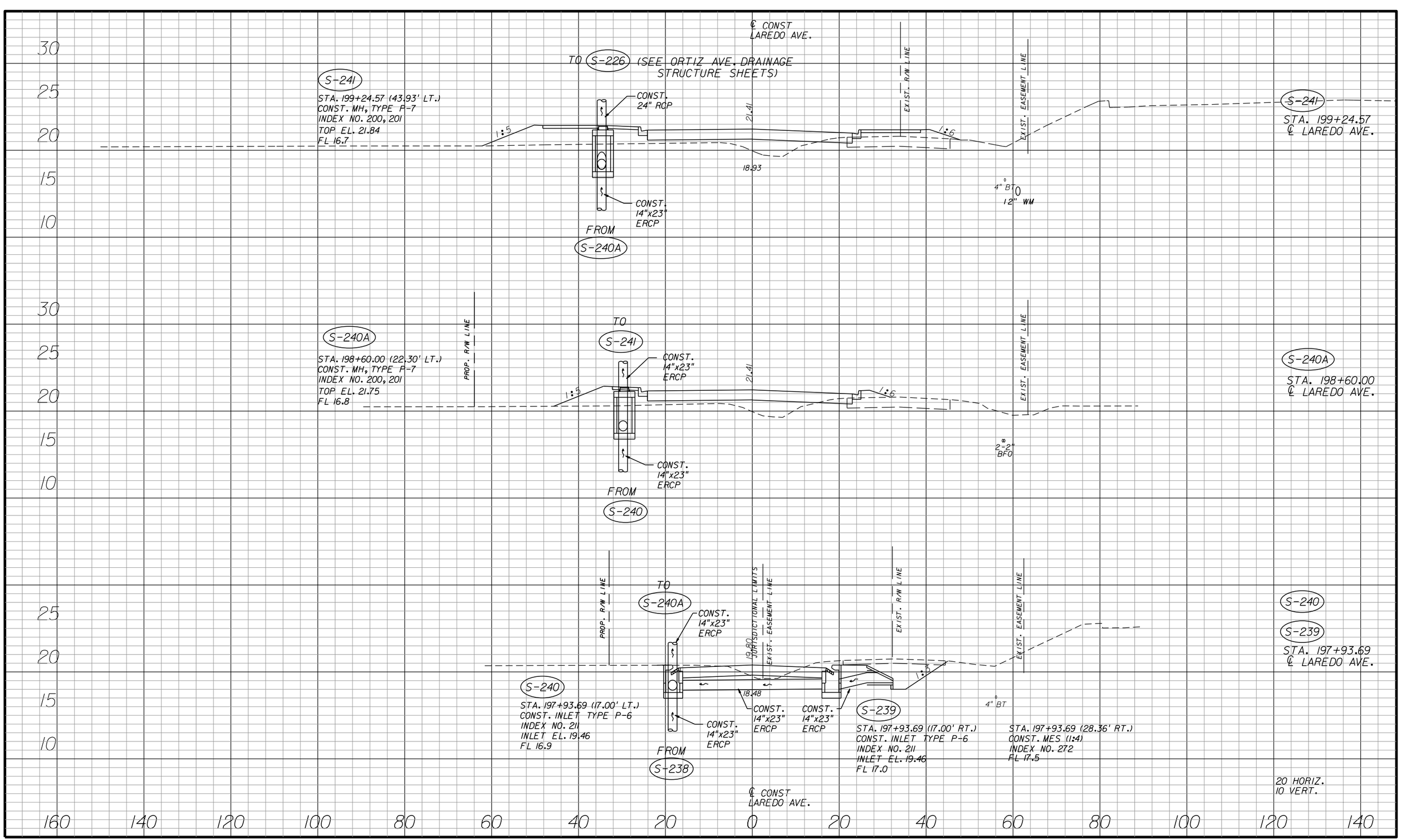
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# DRAINAGE STRUCTURES
# LAREDO AVENUE

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150

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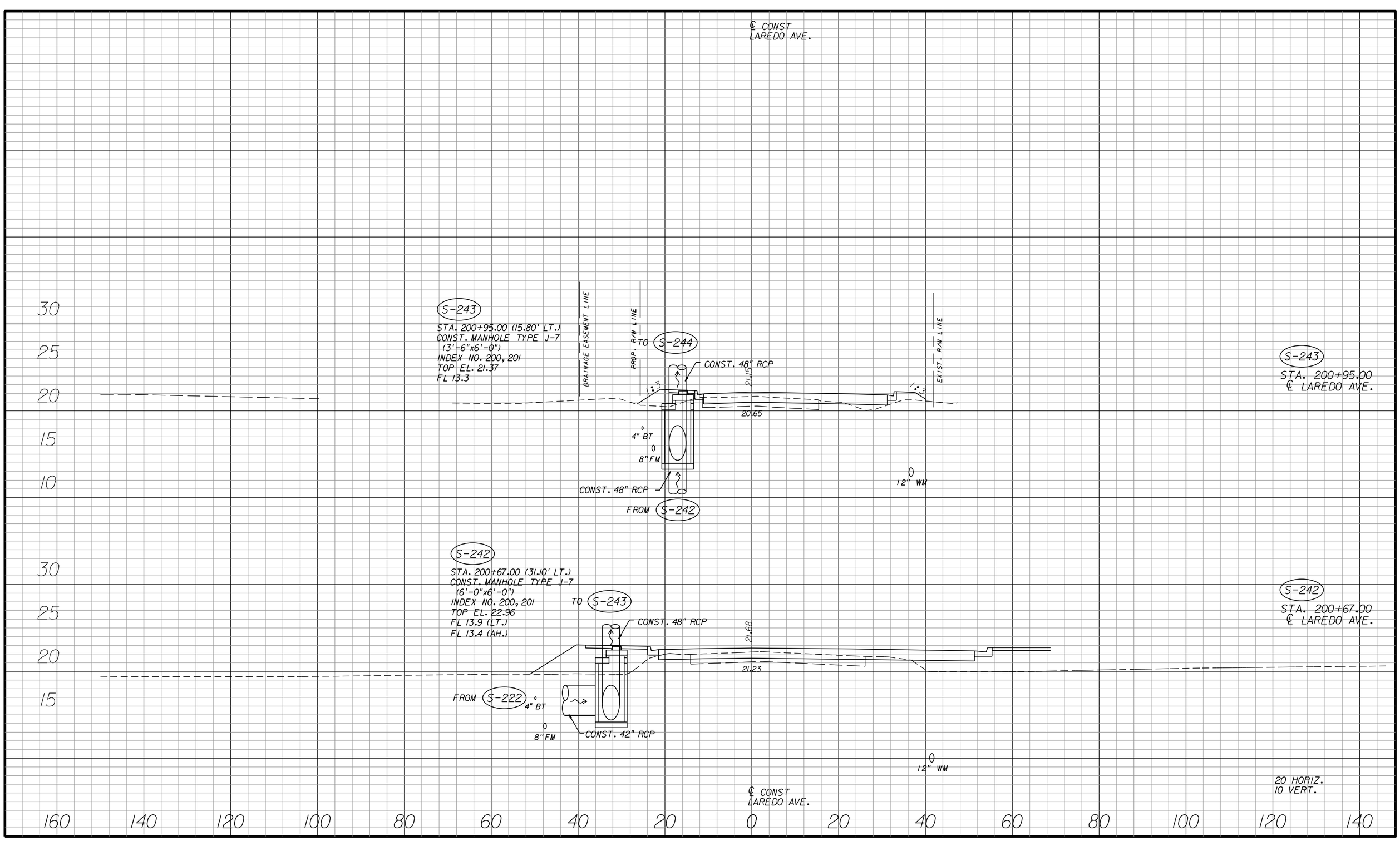

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# DRAINAGE STRUCTURES LAREDO AVENUE

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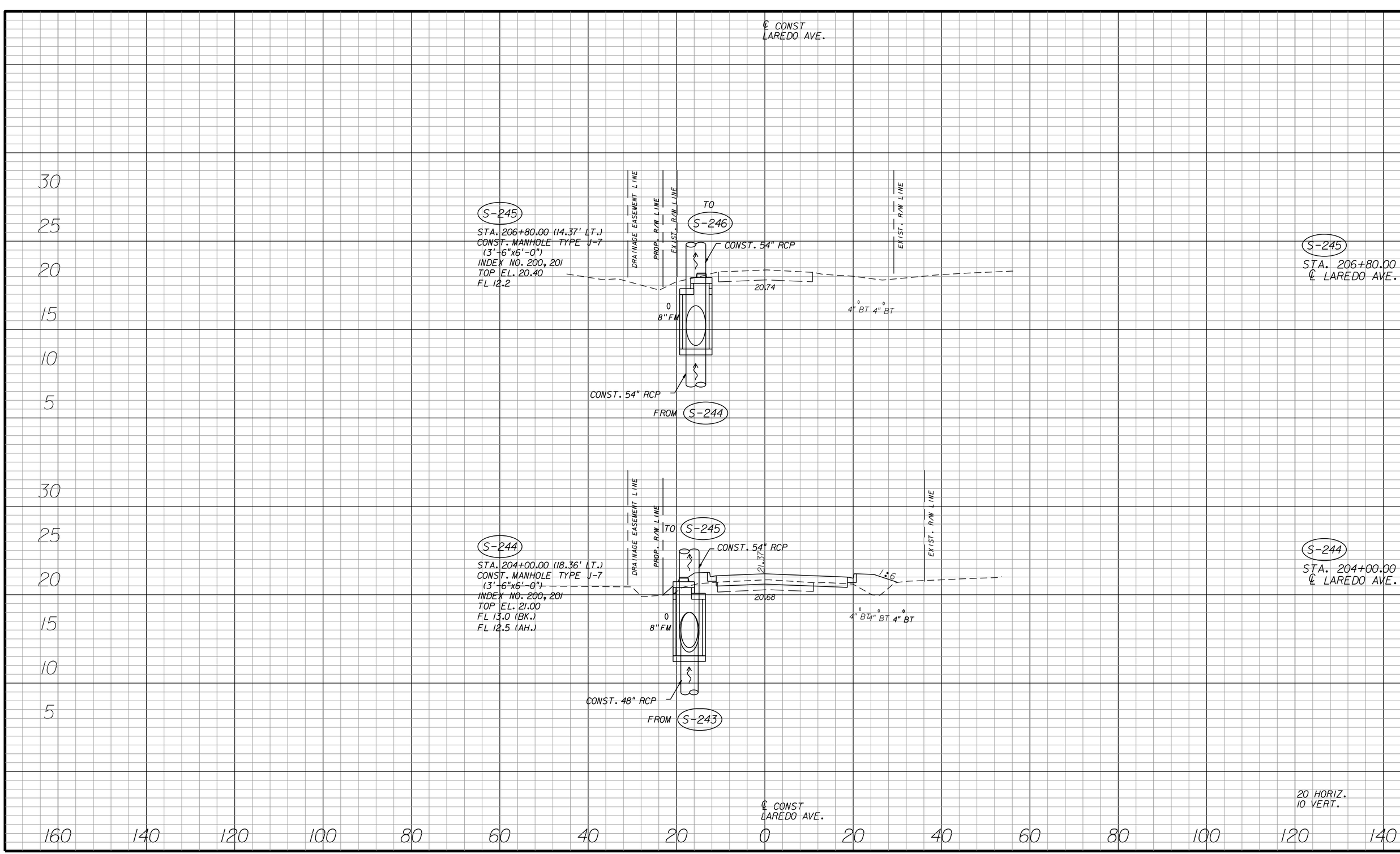

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# DRAINAGE STRUCTURES
# LAREDO AVENUE

SHEET NO.
152

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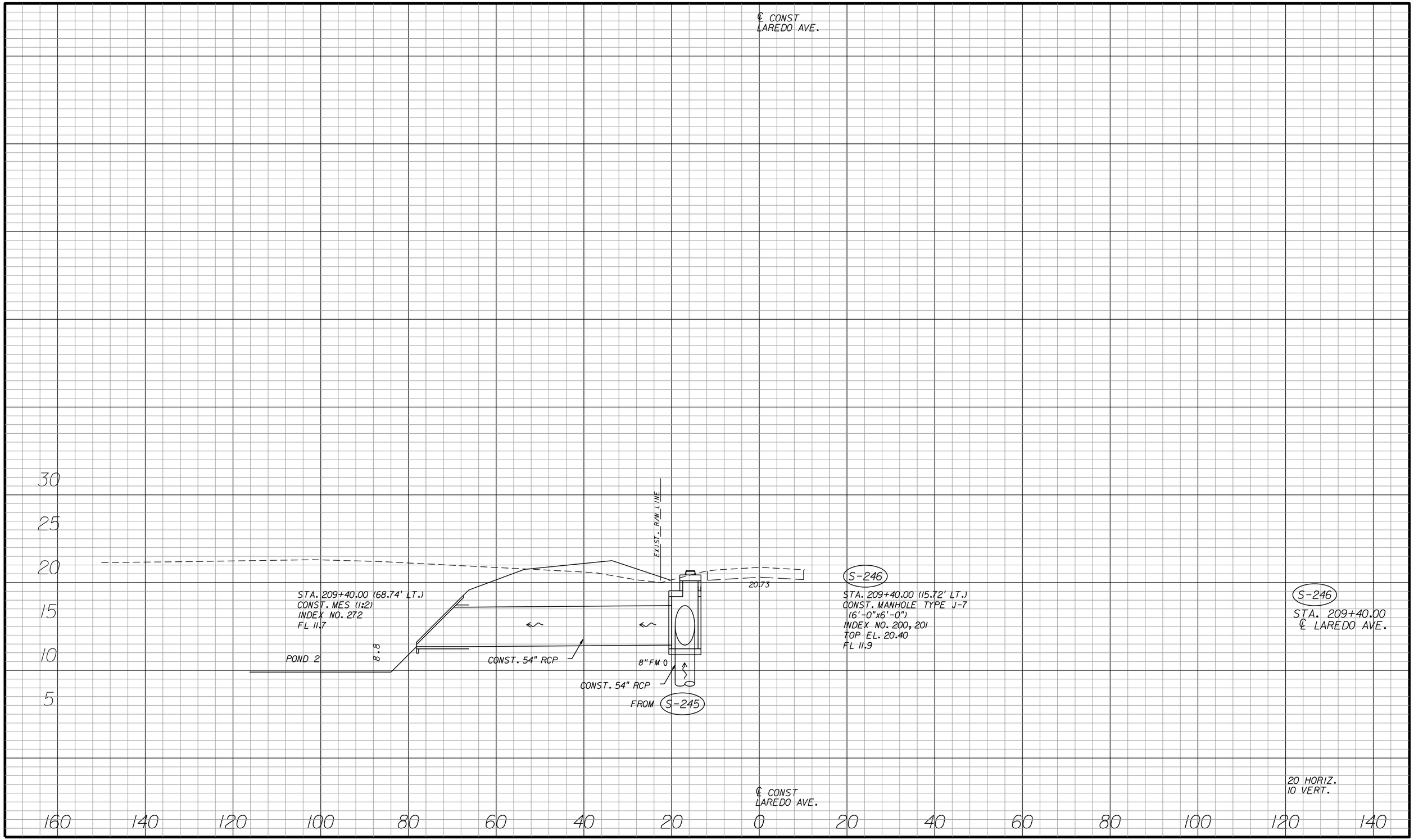

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# DRAINAGE STRUCTURES
# LAREDO AVENUE

SHEET NO.
153

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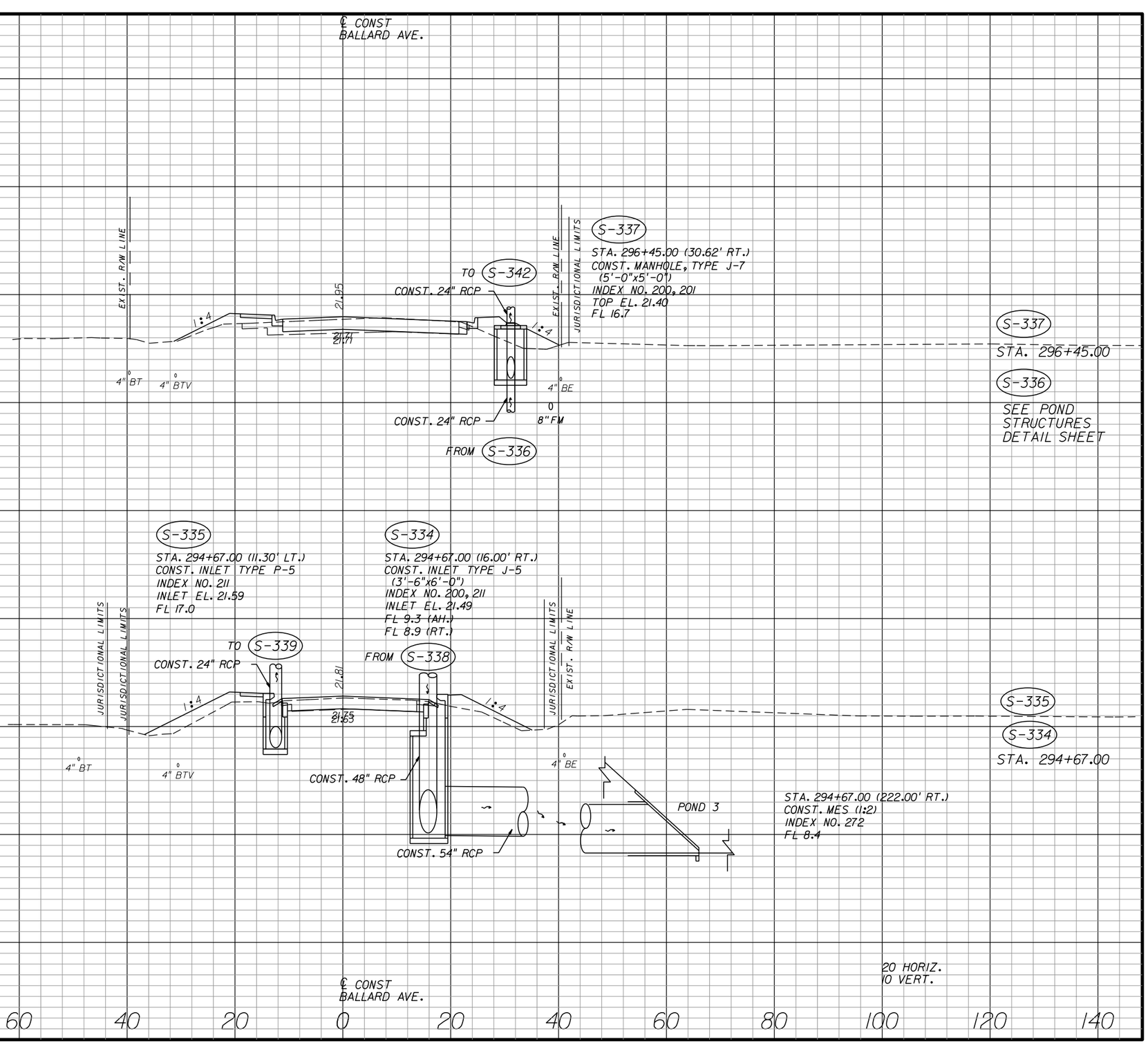

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# DRAINAGE STRUCTURES
# LAREDO AVENUE

SHEET NO.
154

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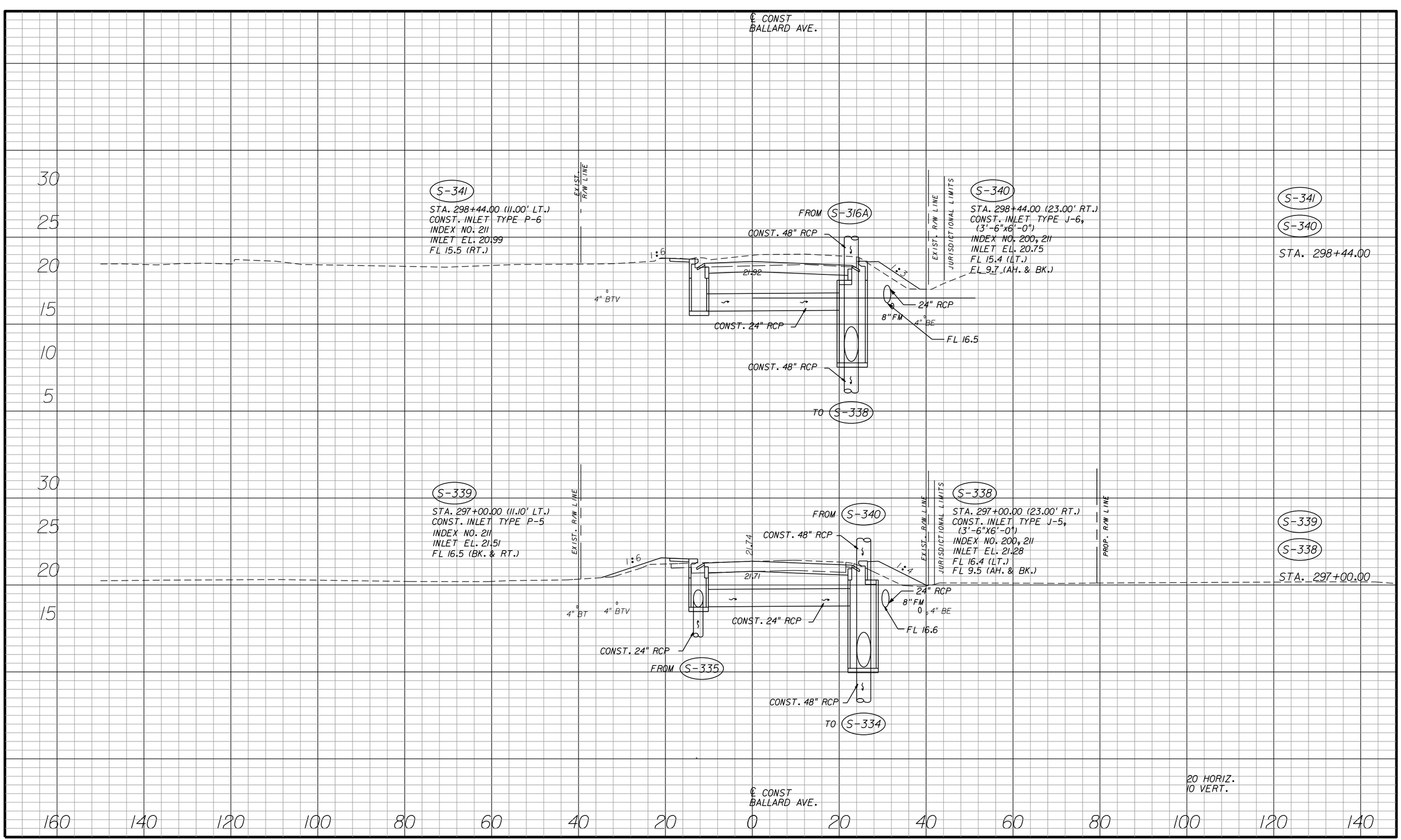

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# DRAINAGE STRUCTURES
# BALLARD AVENUE

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155

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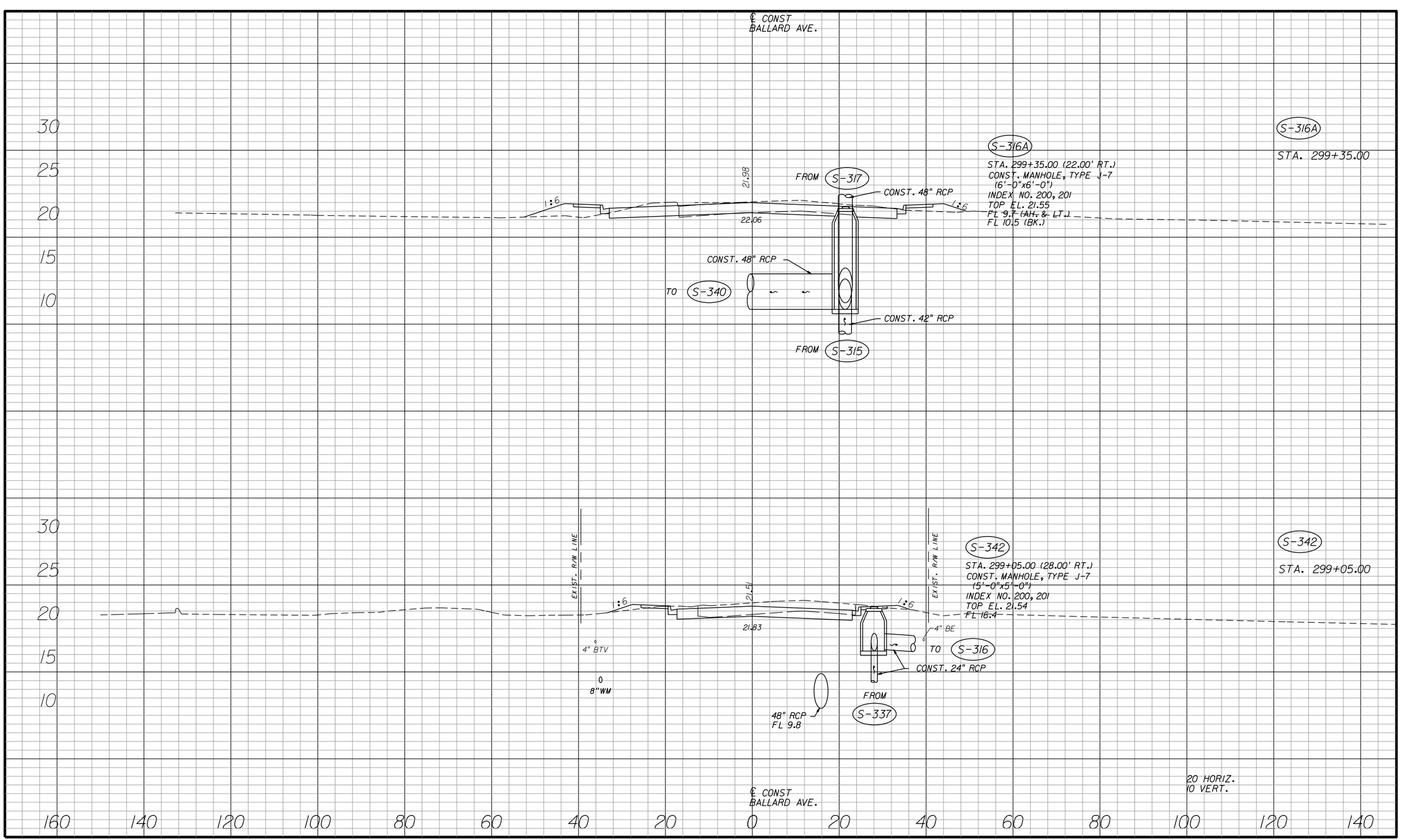
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# DRAINAGE STRUCTURES
# BALLARD AVENUE

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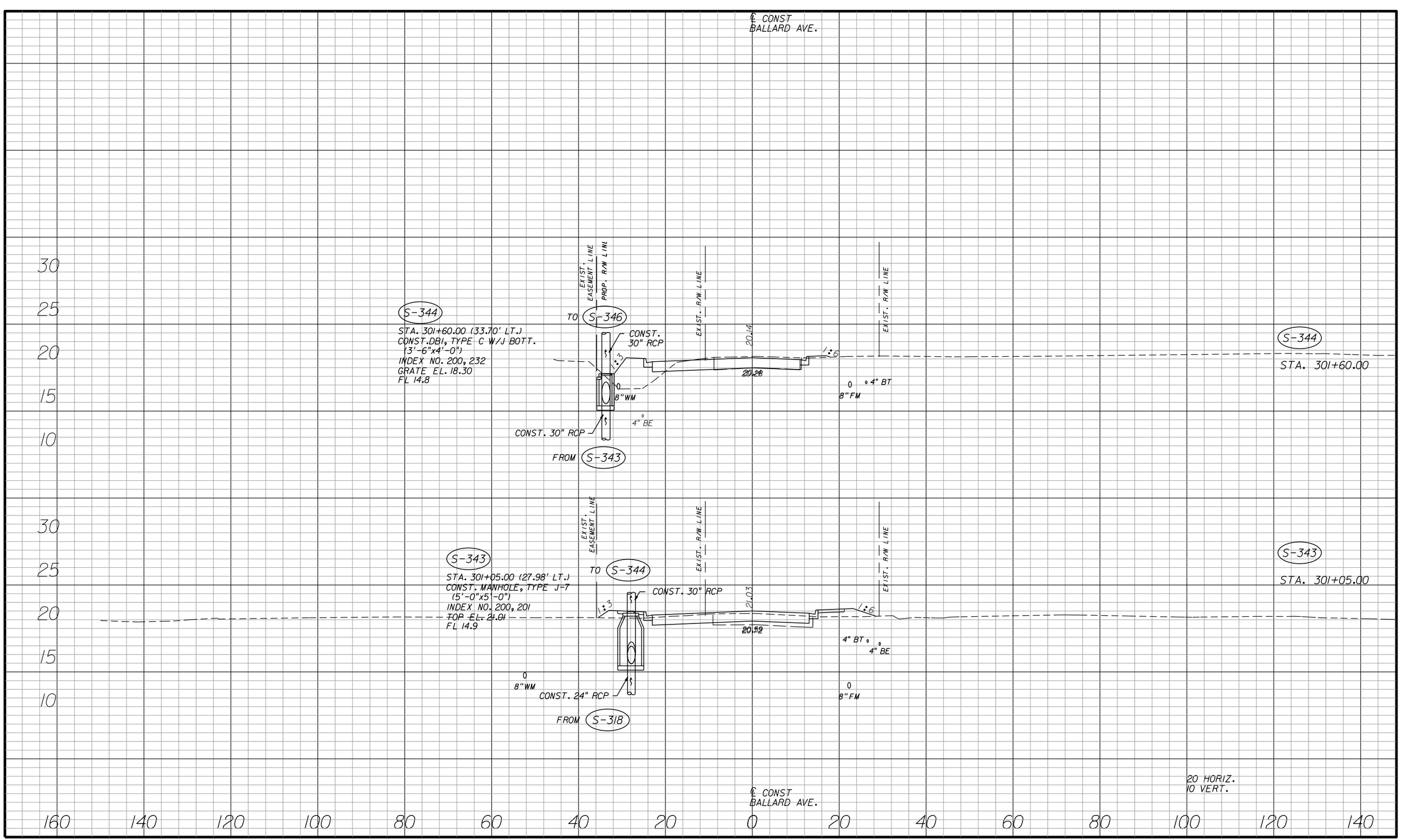

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# DRAINAGE STRUCTURES
# BALLARD AVENUE

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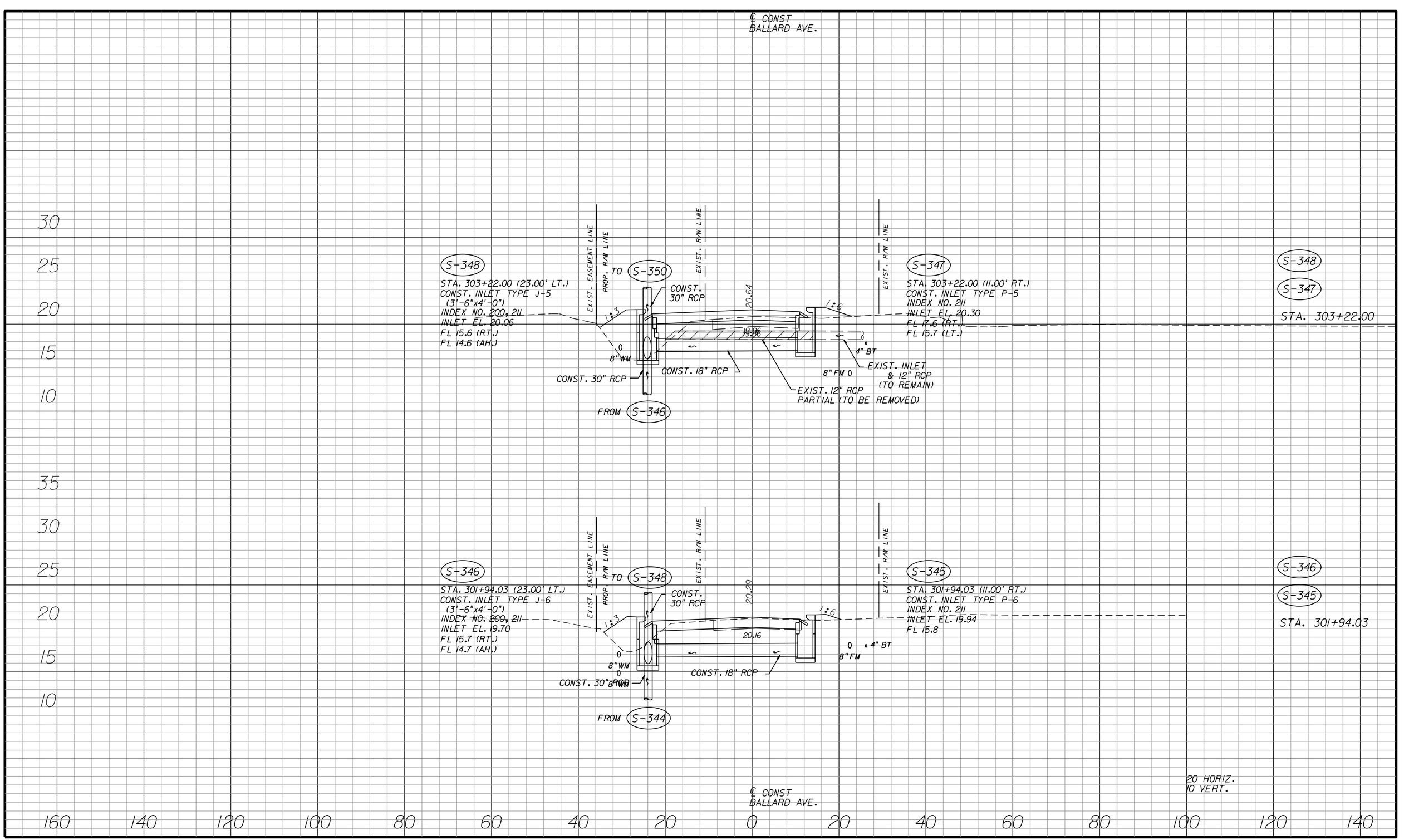

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# DRAINAGE STRUCTURES
# BALLARD AVENUE

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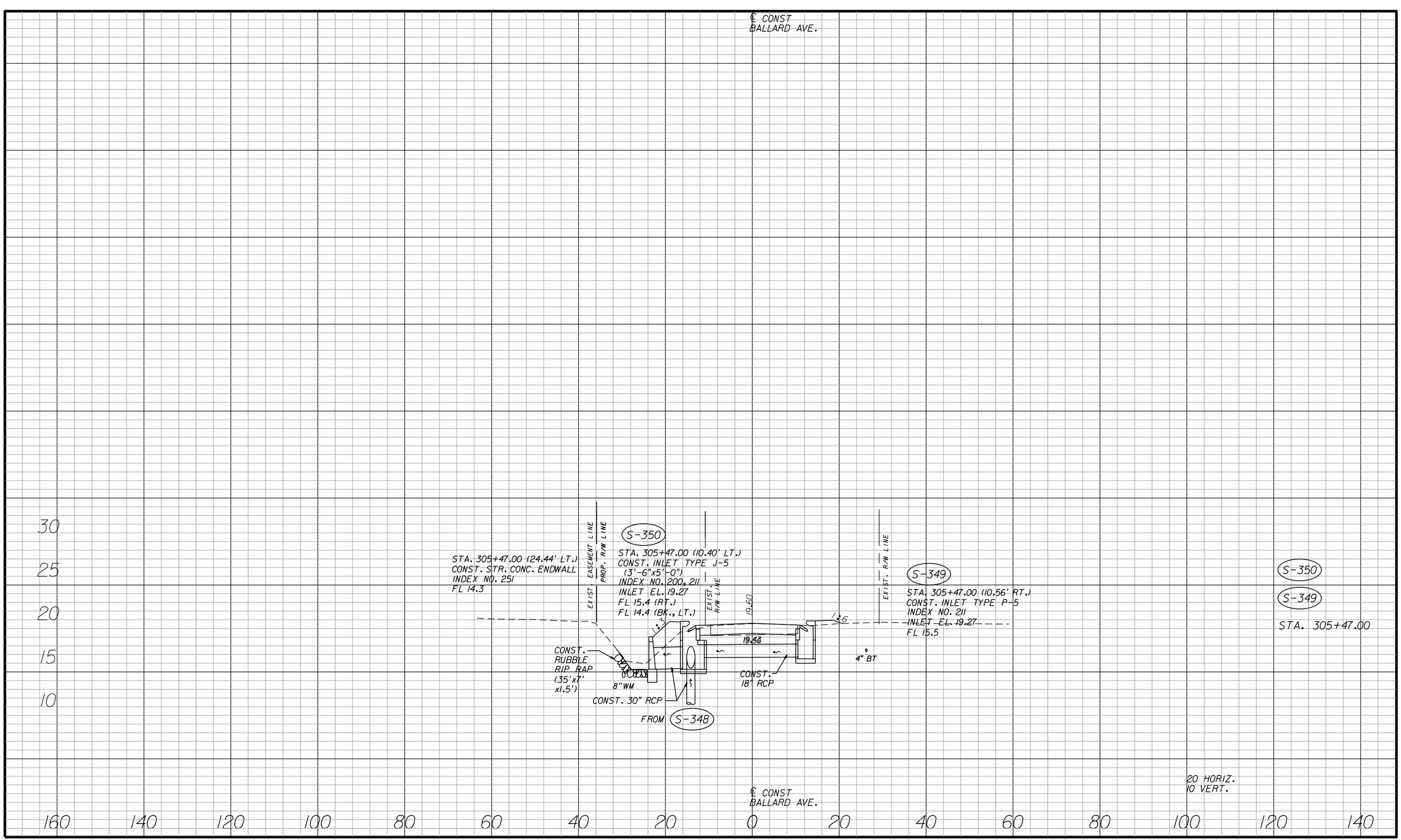

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# DRAINAGE STRUCTURES
# BALLARD AVENUE

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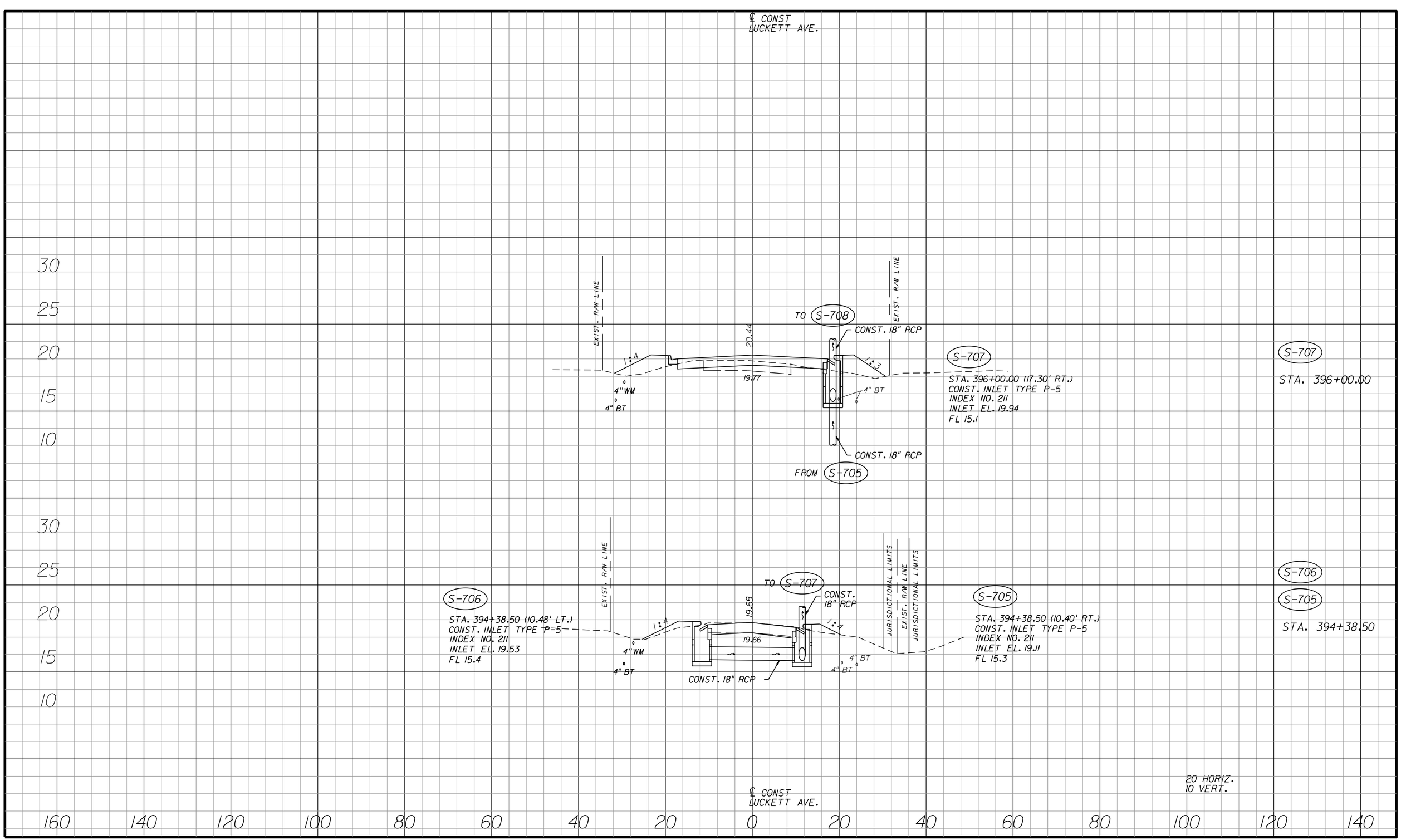

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# DRAINAGE STRUCTURES
# BALLARD AVENUE

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160


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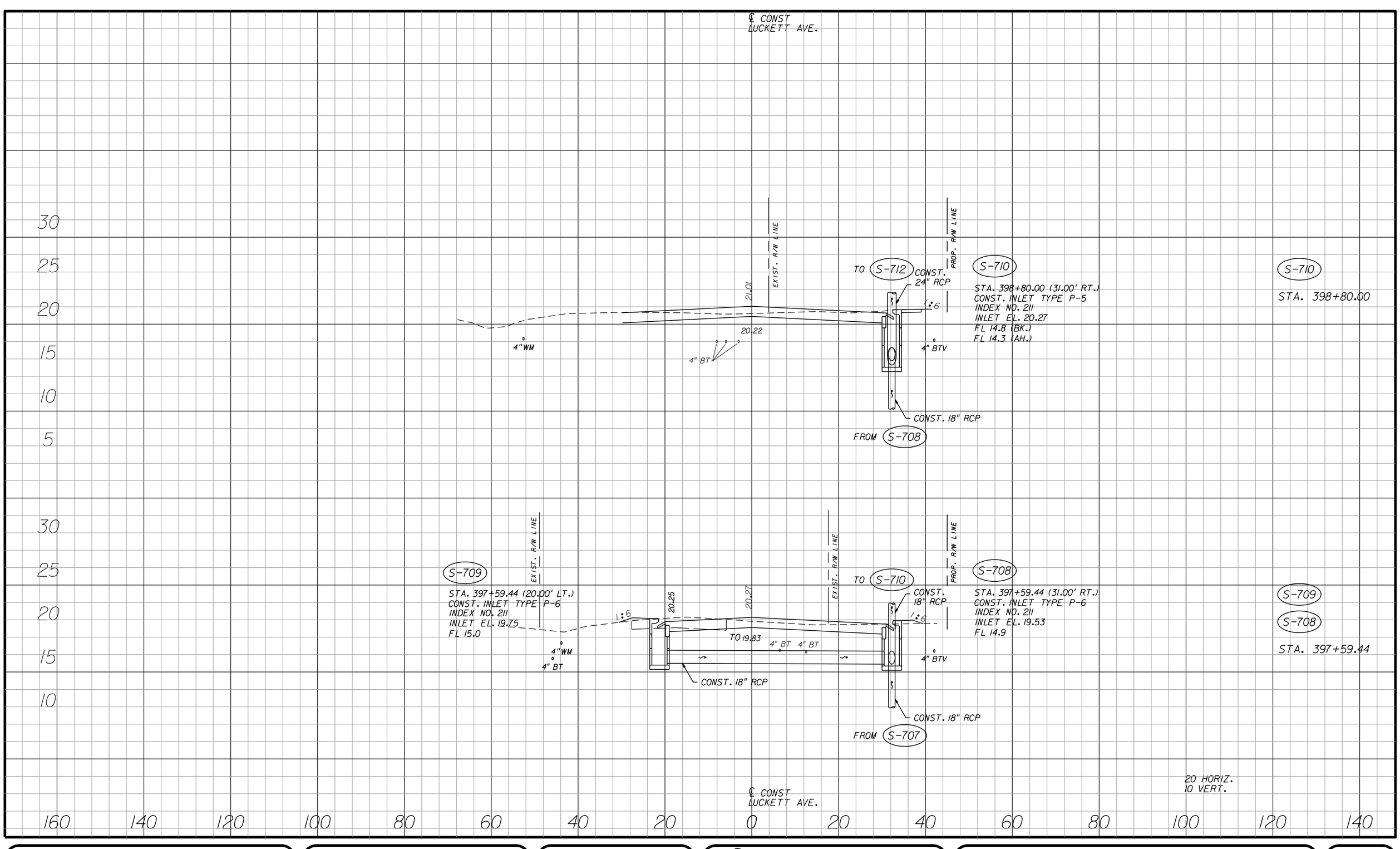

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

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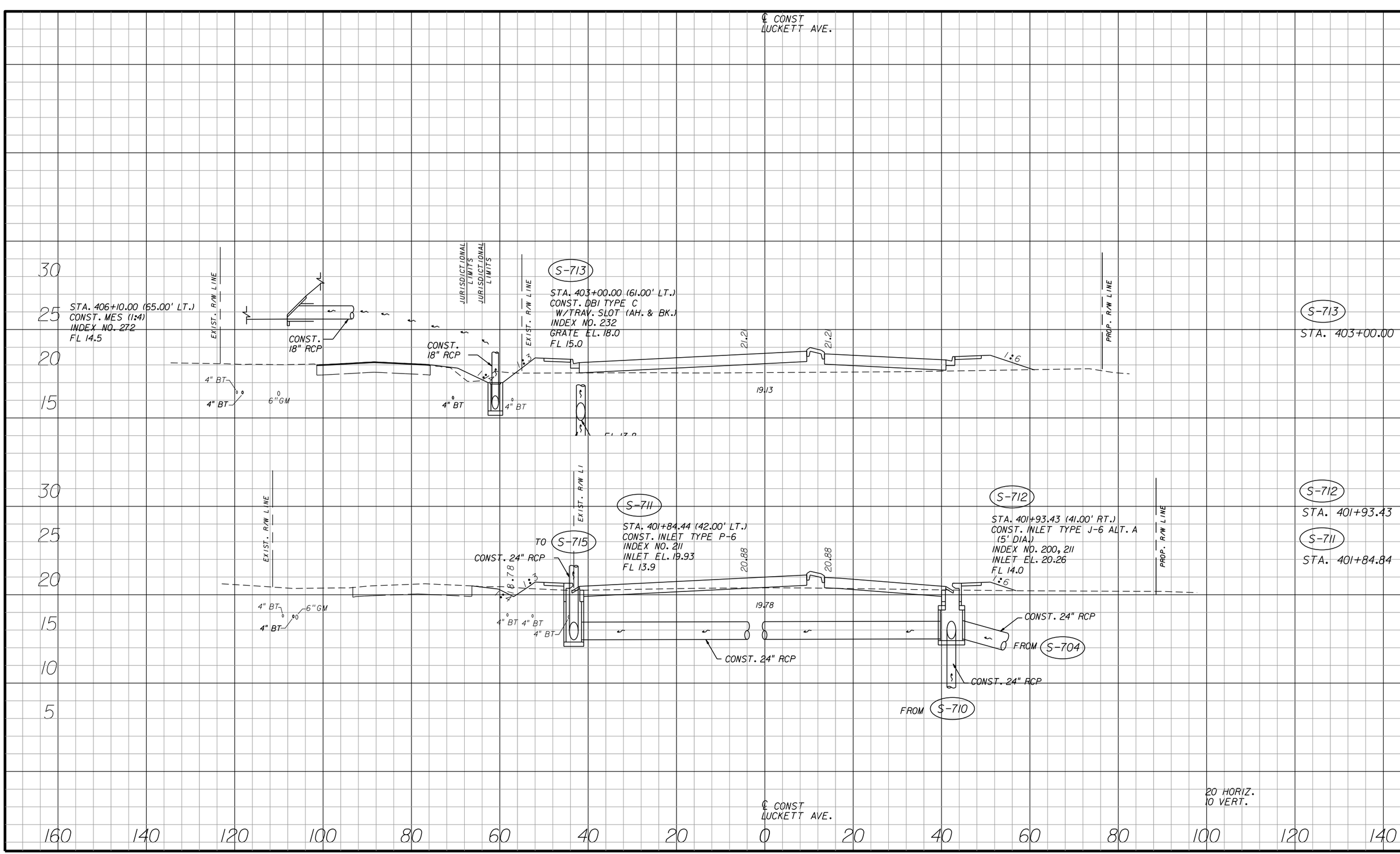

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

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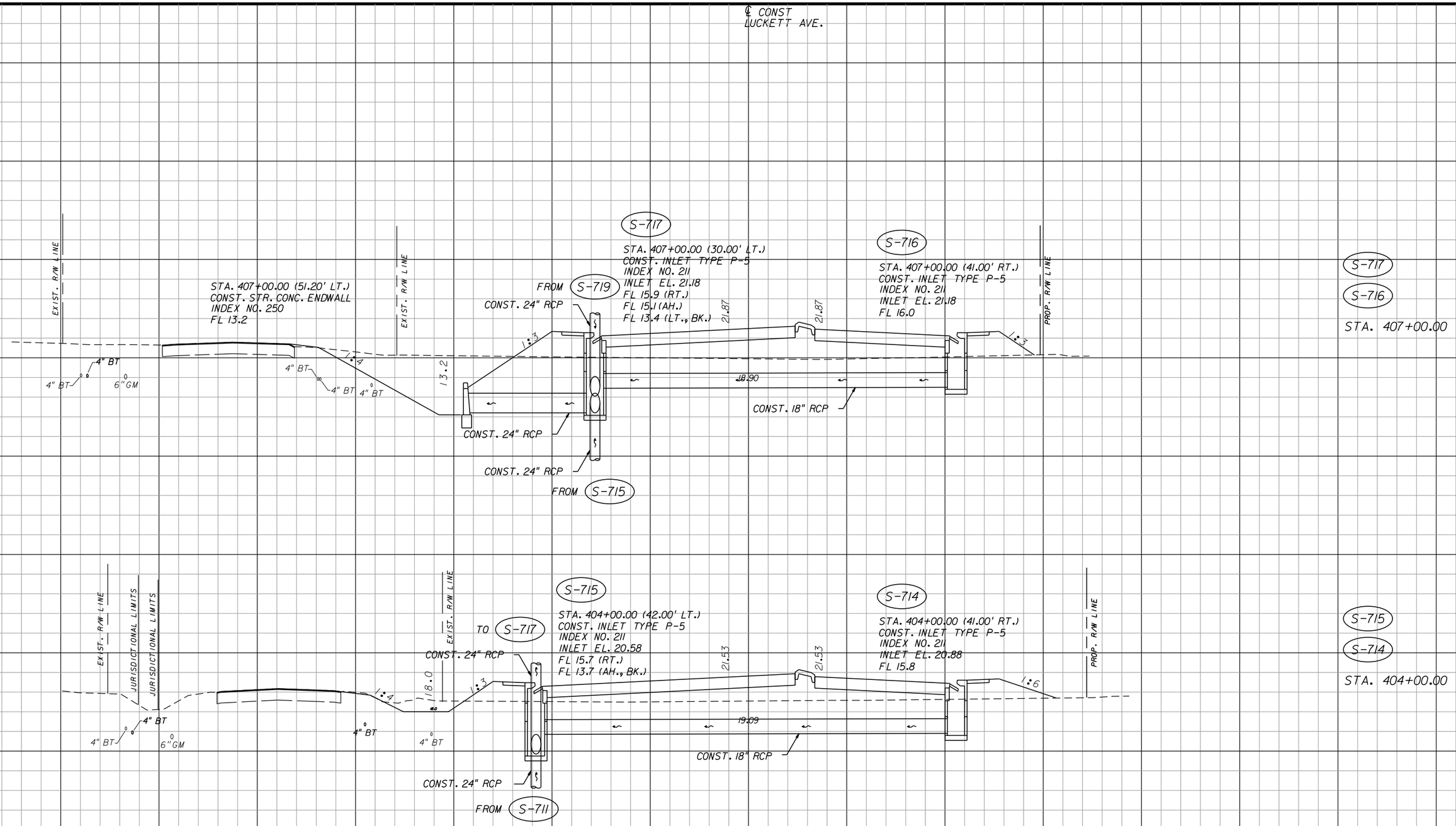

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

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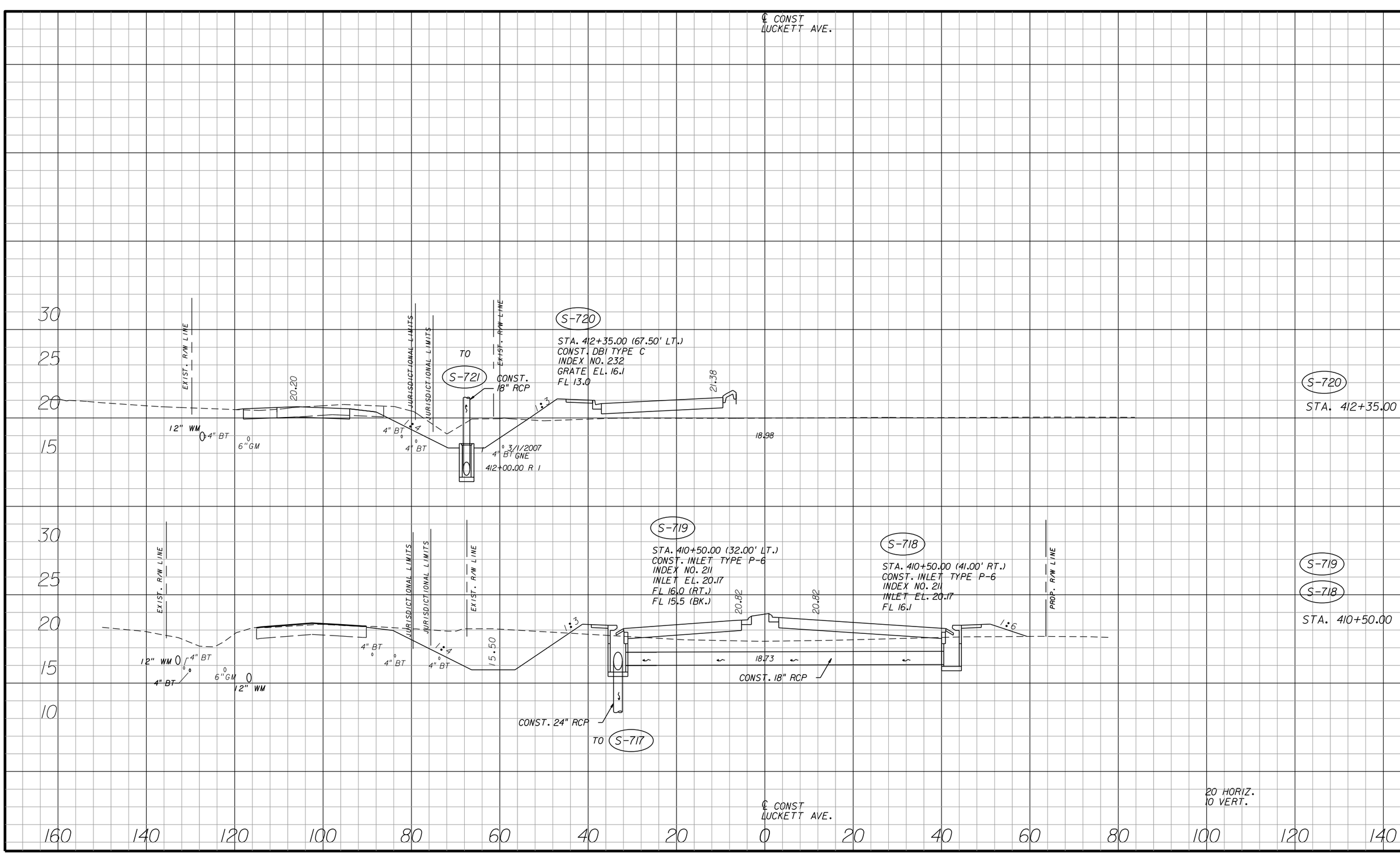

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

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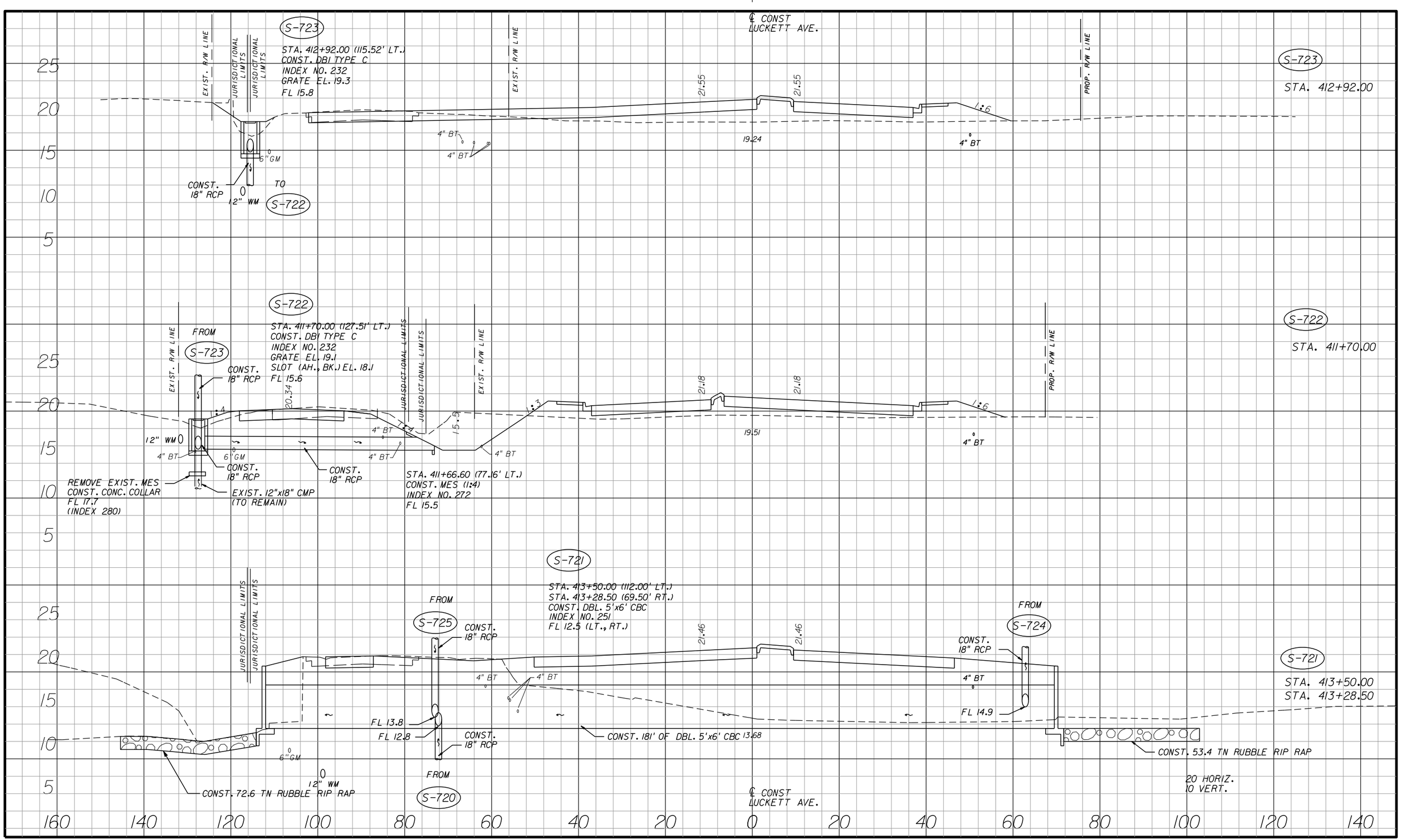

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

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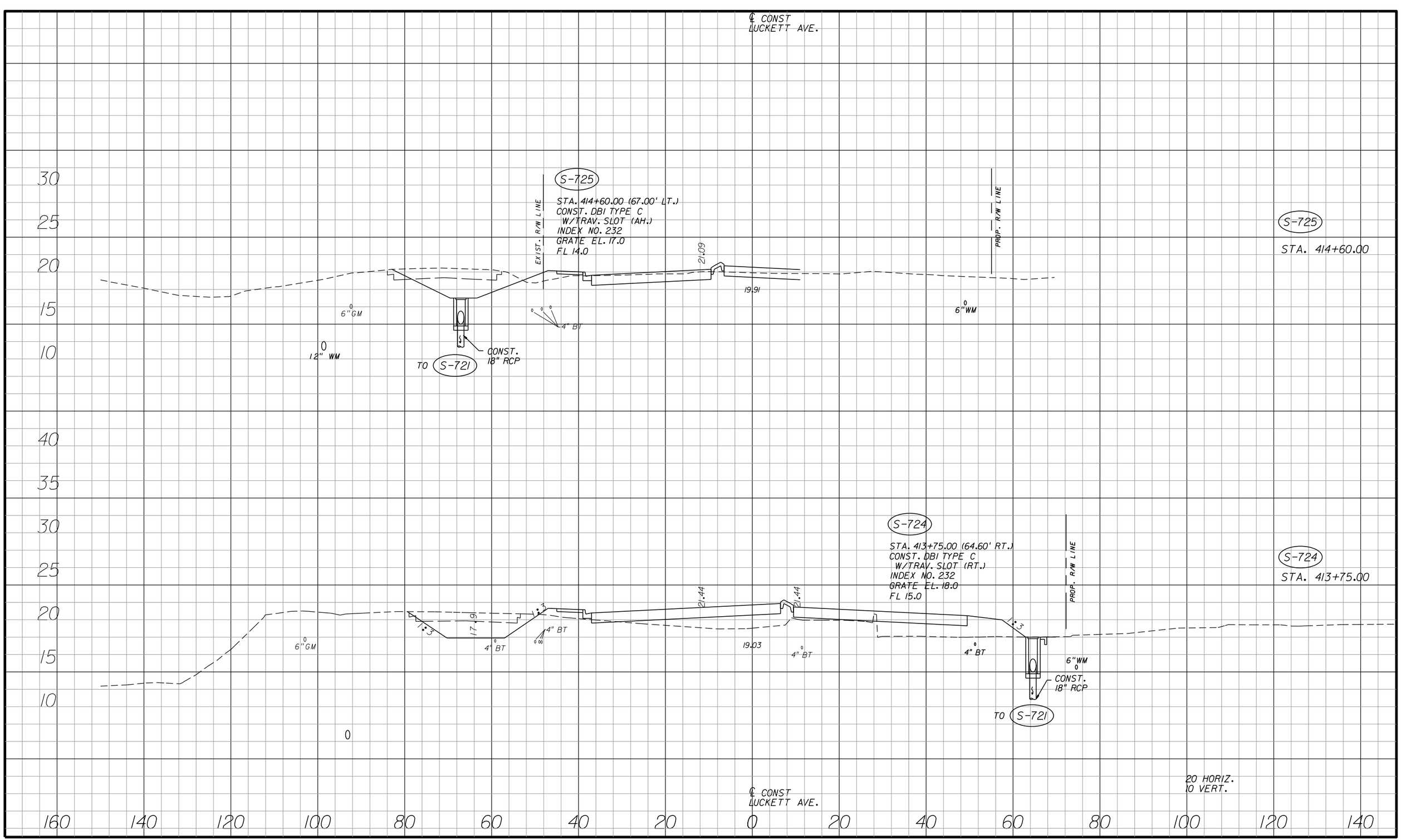

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

SHEET NO.
166

apeters
10/11/2010 4:28:40PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\drxsrd30.dgn




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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

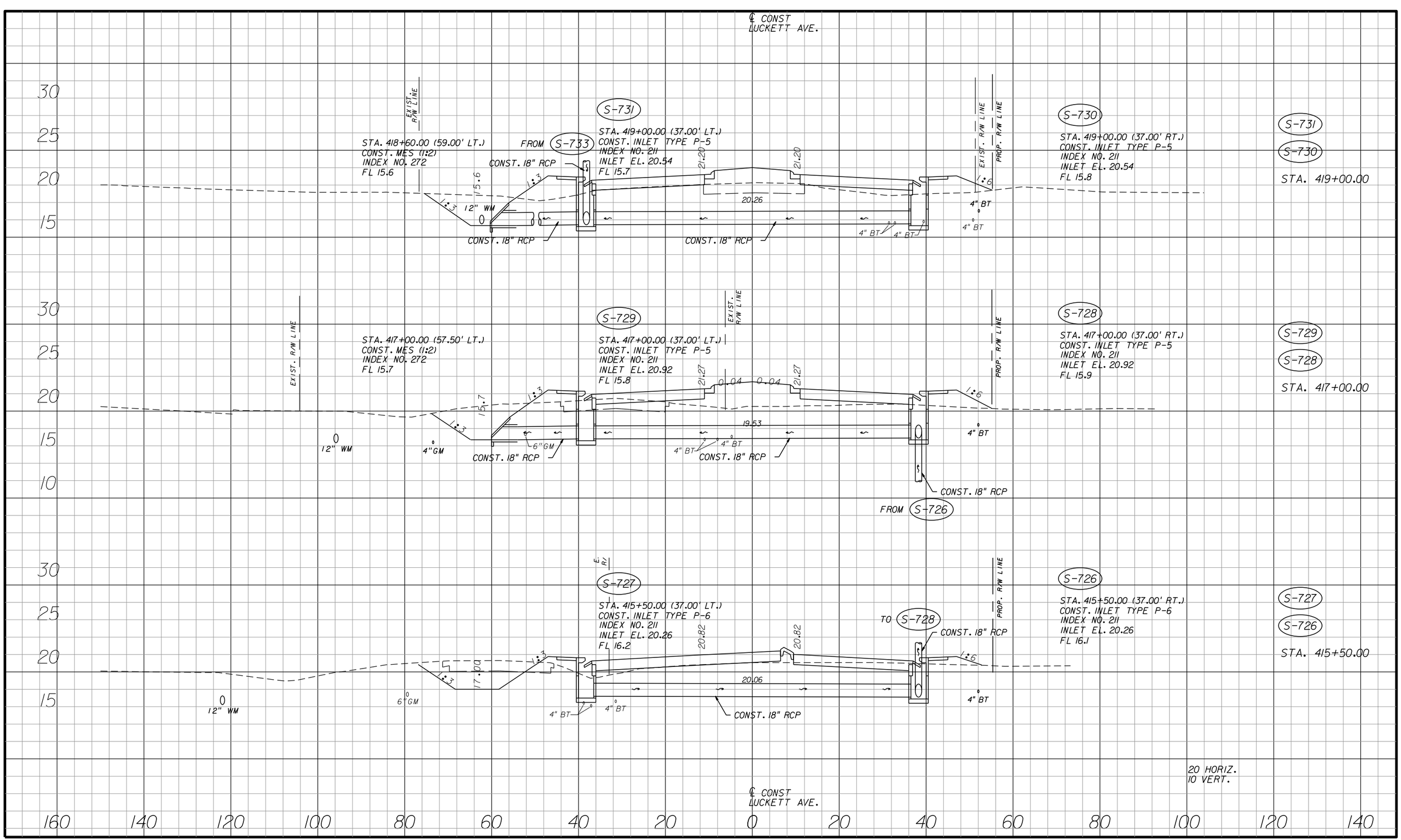

APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

SHEET NO.
167

apeters
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CERTIFICATE OF AUTHORIZATION NO. 3114

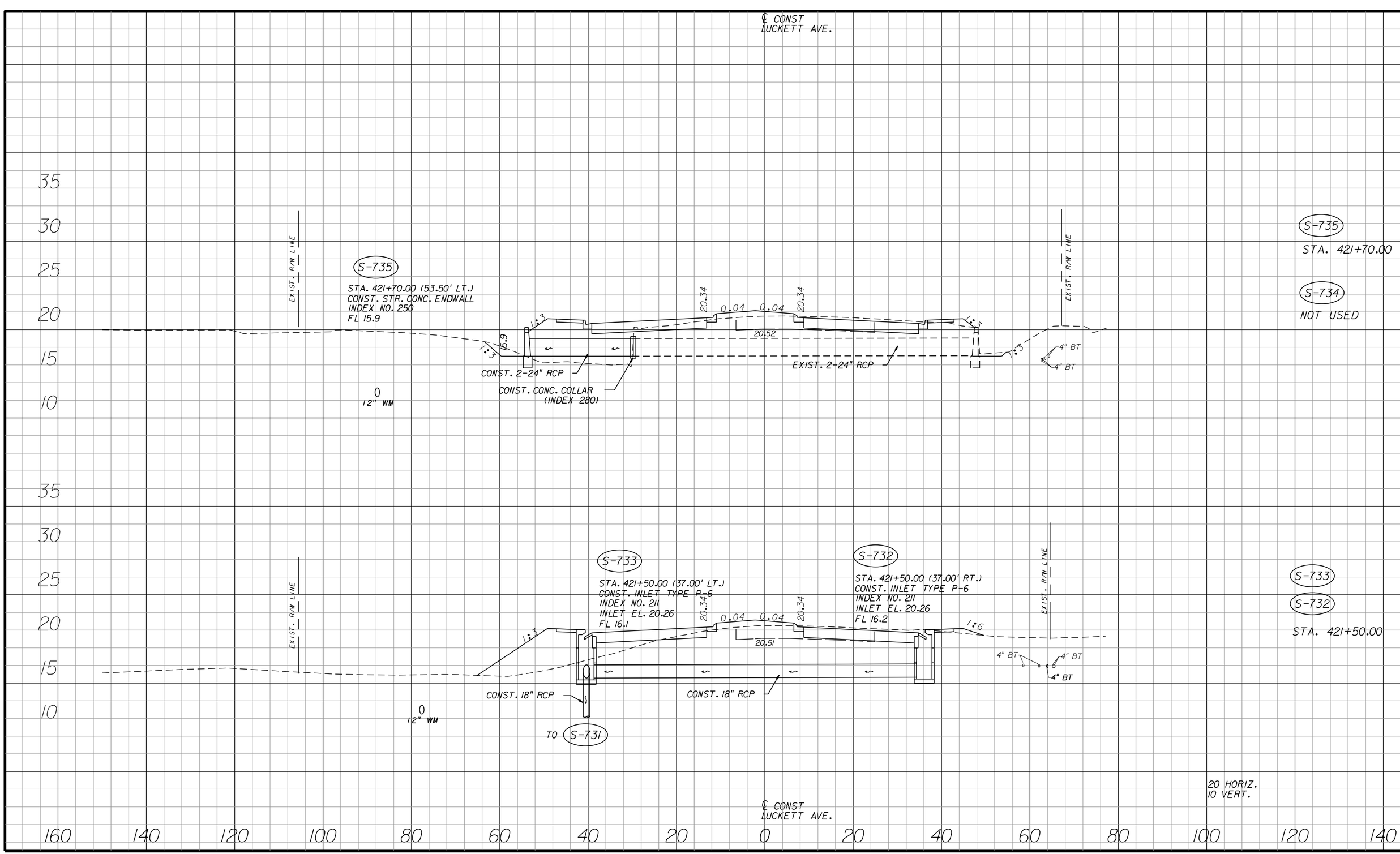

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# DRAINAGE STRUCTURES
# LUCKETT AVENUE

SHEET NO.
168

apeters
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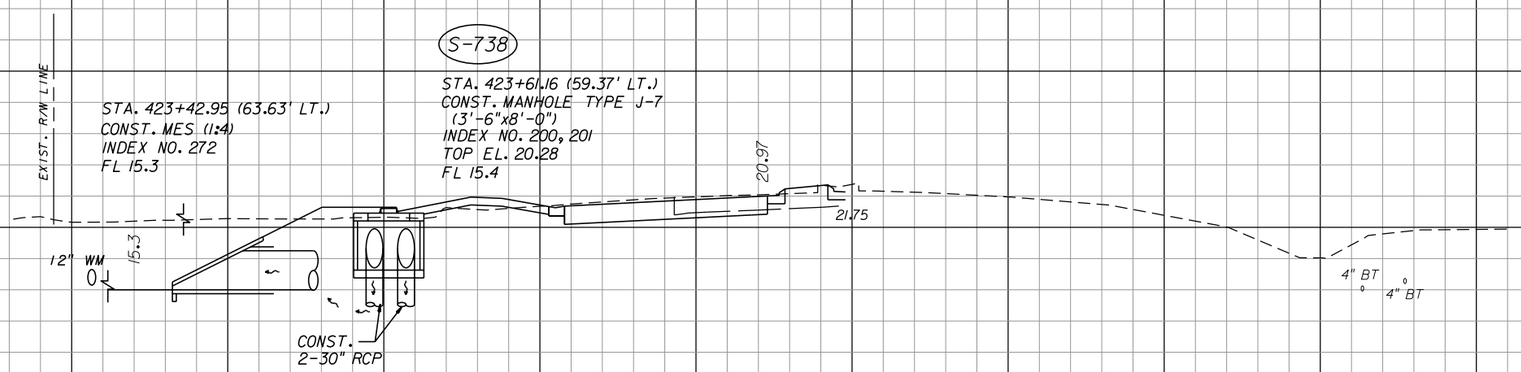

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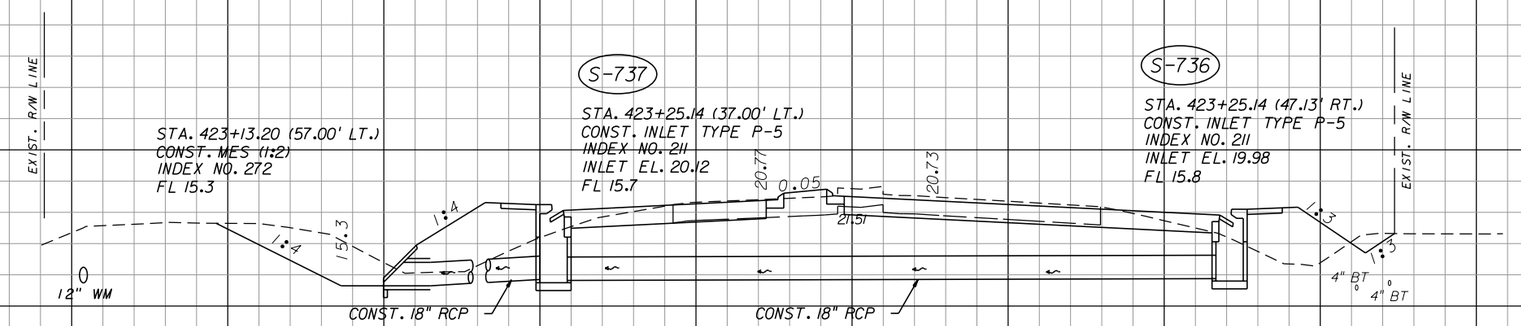

# DRAINAGE STRUCTURES
# LUCKETT AVENUE

SHEET NO. 169

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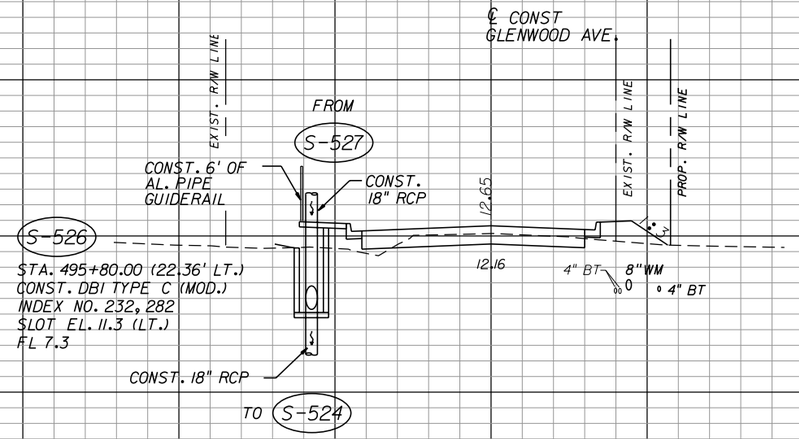

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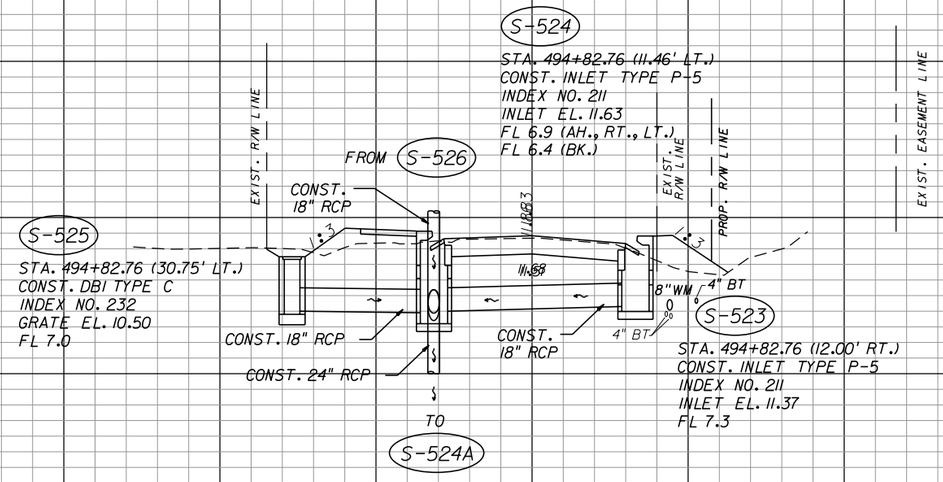

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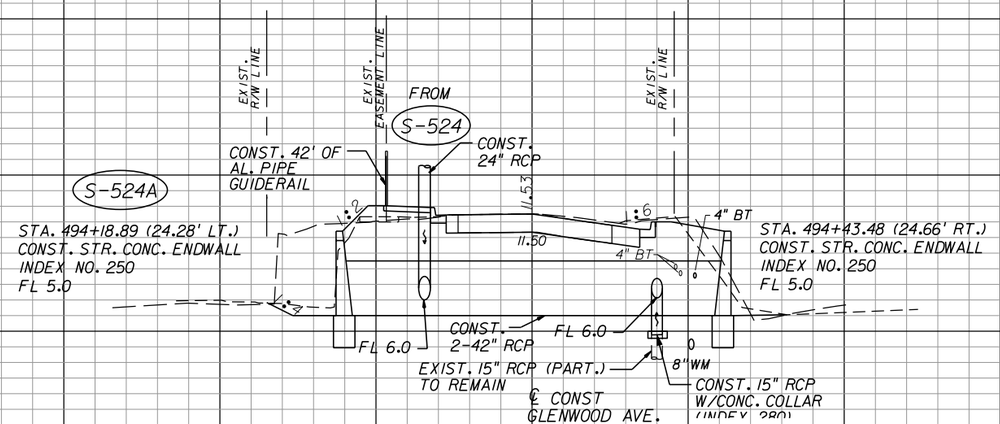

# DRAINAGE STRUCTURES
# LUCKETT AVENUE

SHEET NO.
170

apeters
10/11/2010 4:28:53 PM P:\LeeCounty_05-89740rtlz\PlanSet\roadway\drxsrd30.dgn




S-526
STA. 495+80.00

S-525
S-524
S-523
STA. 494+82.76

S-524A
STA. 494+43.48
STA. 494+18.89

20 HORIZ.
10 VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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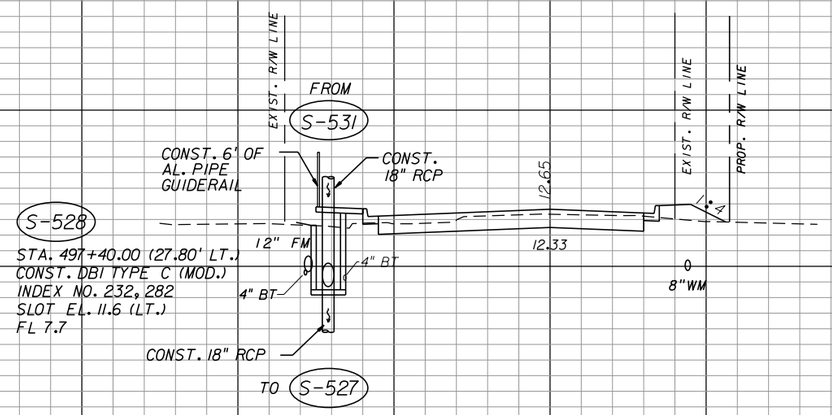
APPROVED BY:
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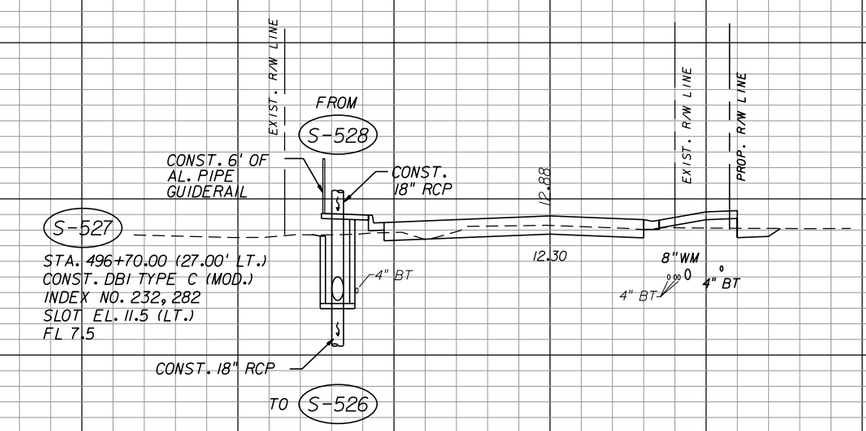
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# DRAINAGE STRUCTURES
# GLENWOOD AVENUE

SHEET NO.
171

apeters
10/11/2010 4:29:18 PM P:\LeeCounty_05-89740rtlz\PlanSet\roadway\drxsrd35.dgn




S-528
STA. 497+40.00

S-527
STA. 496+70.00

20 HORIZ.
10 VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114

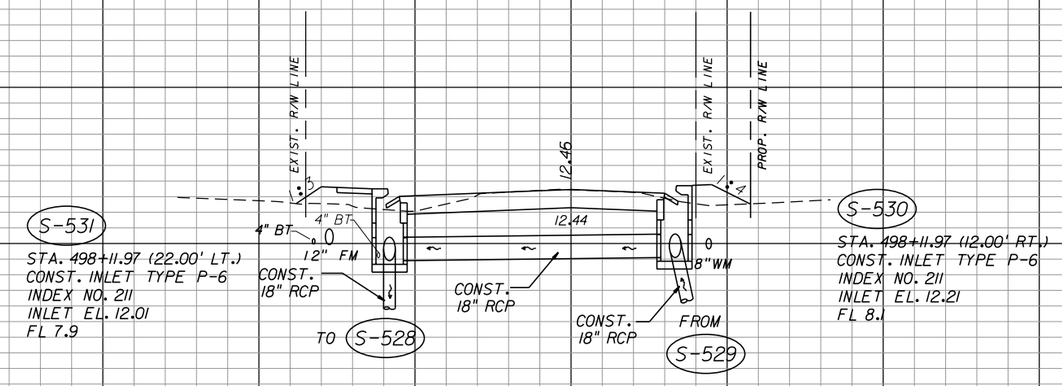

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# DRAINAGE STRUCTURES
# GLENWOOD AVENUE

SHEET NO.
172


apeters
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S-532 THRU S-536

SEE DRAINAGE STRUCTURES POND 5

S-531

S-530

STA. 498+11.97

S-529

STA. 497+80.00

20 HORIZ.
10 VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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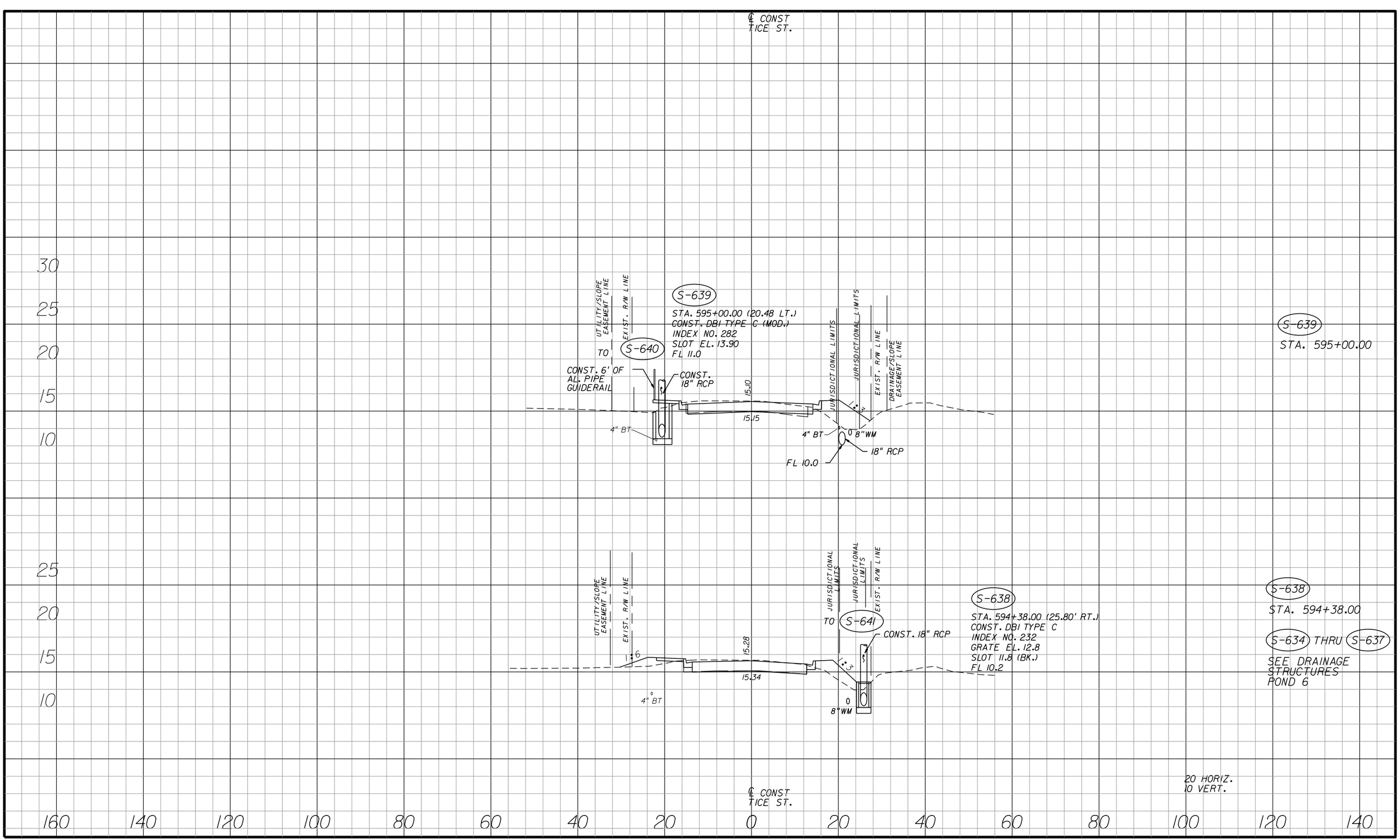

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# DRAINAGE STRUCTURES GLENWOOD AVENUE

SHEET NO. 173

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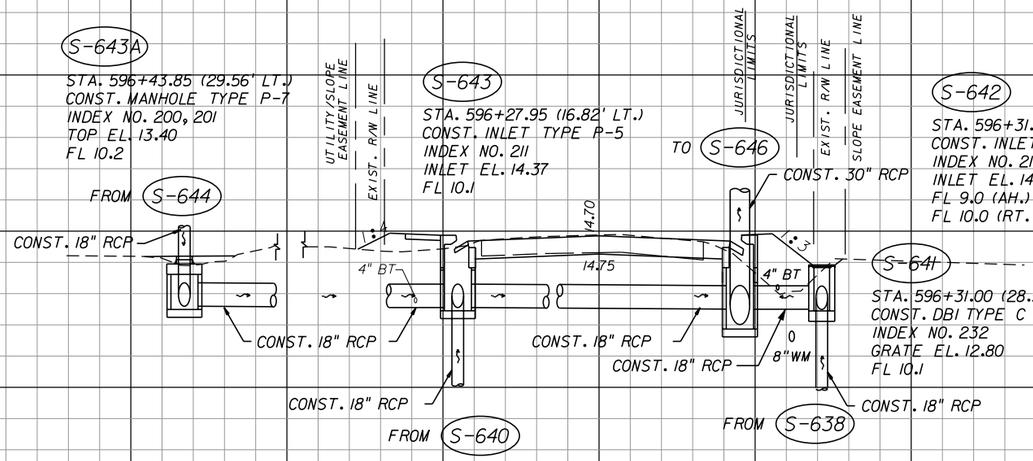

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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

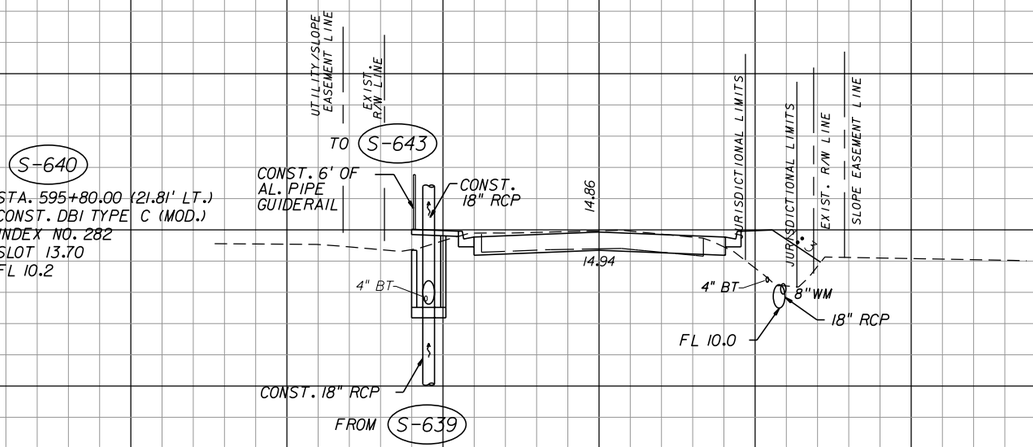

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
174




S-643A
STA. 596+43.85
S-643
STA. 596+27.95
S-642
S-641
STA. 596+31.00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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CERTIFICATE OF AUTHORIZATION NO. 3114

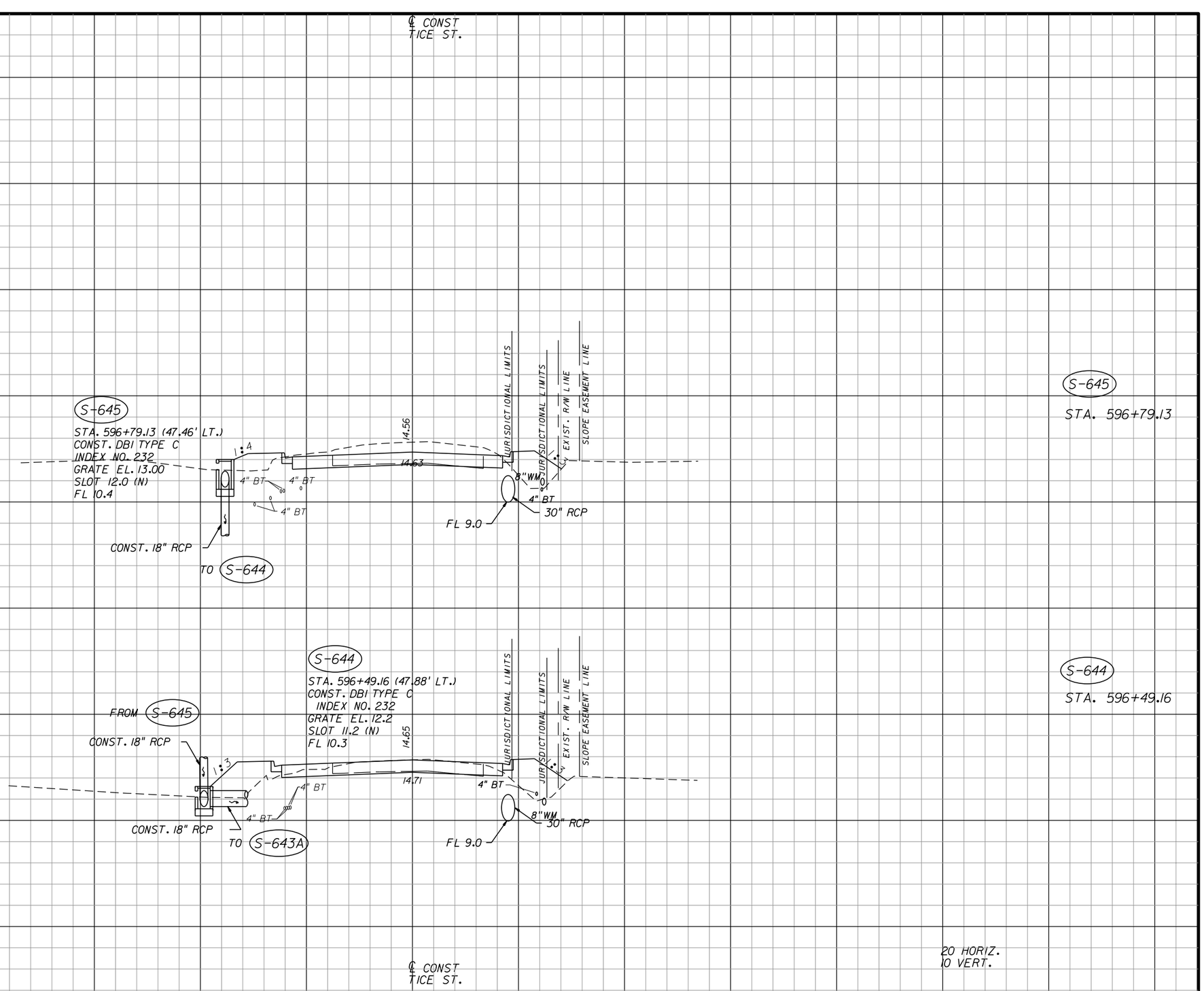

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
175

apeters
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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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TAMPA, FLORIDA 33610
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CERTIFICATE OF AUTHORIZATION NO. 3114

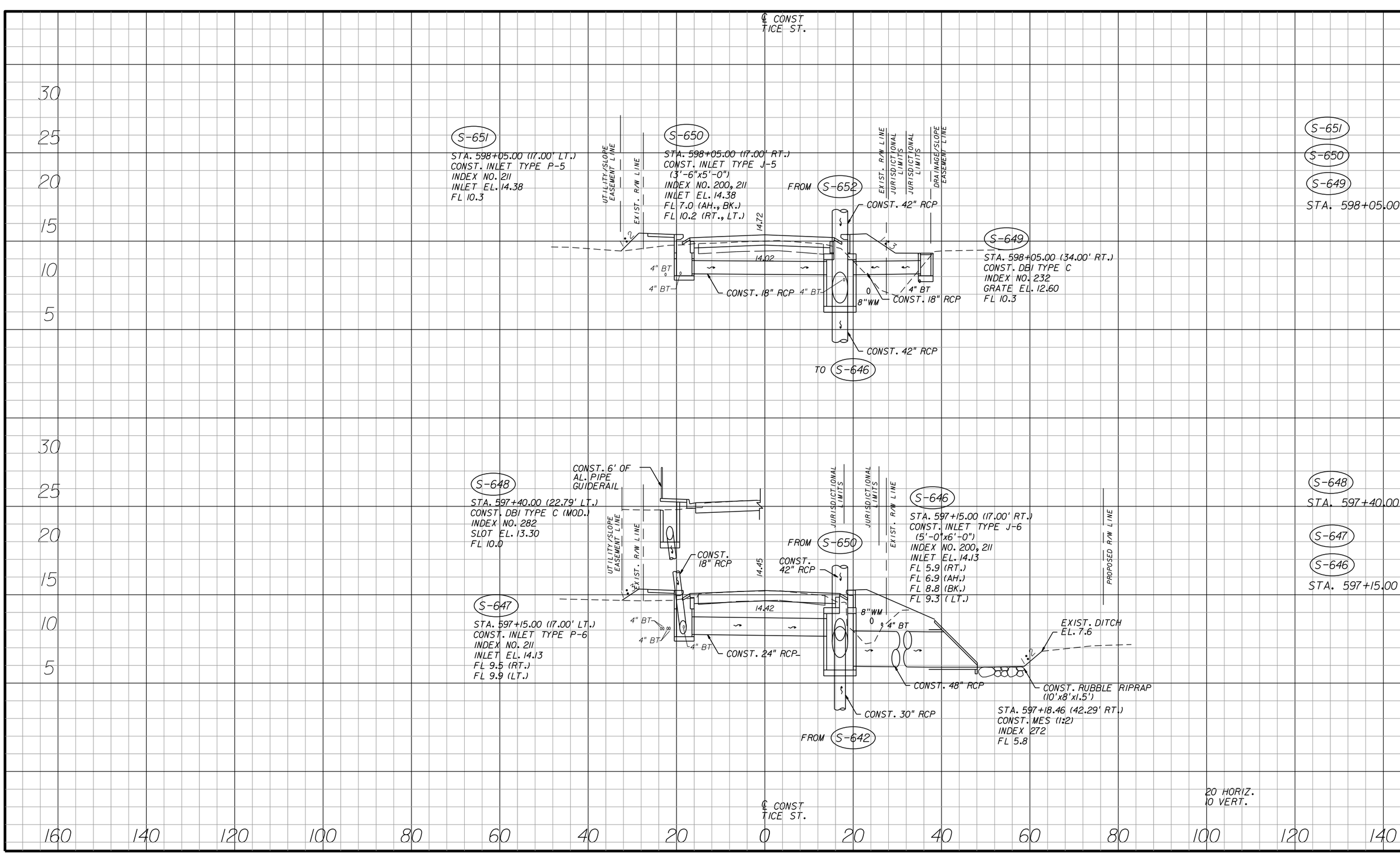

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
176

apeters
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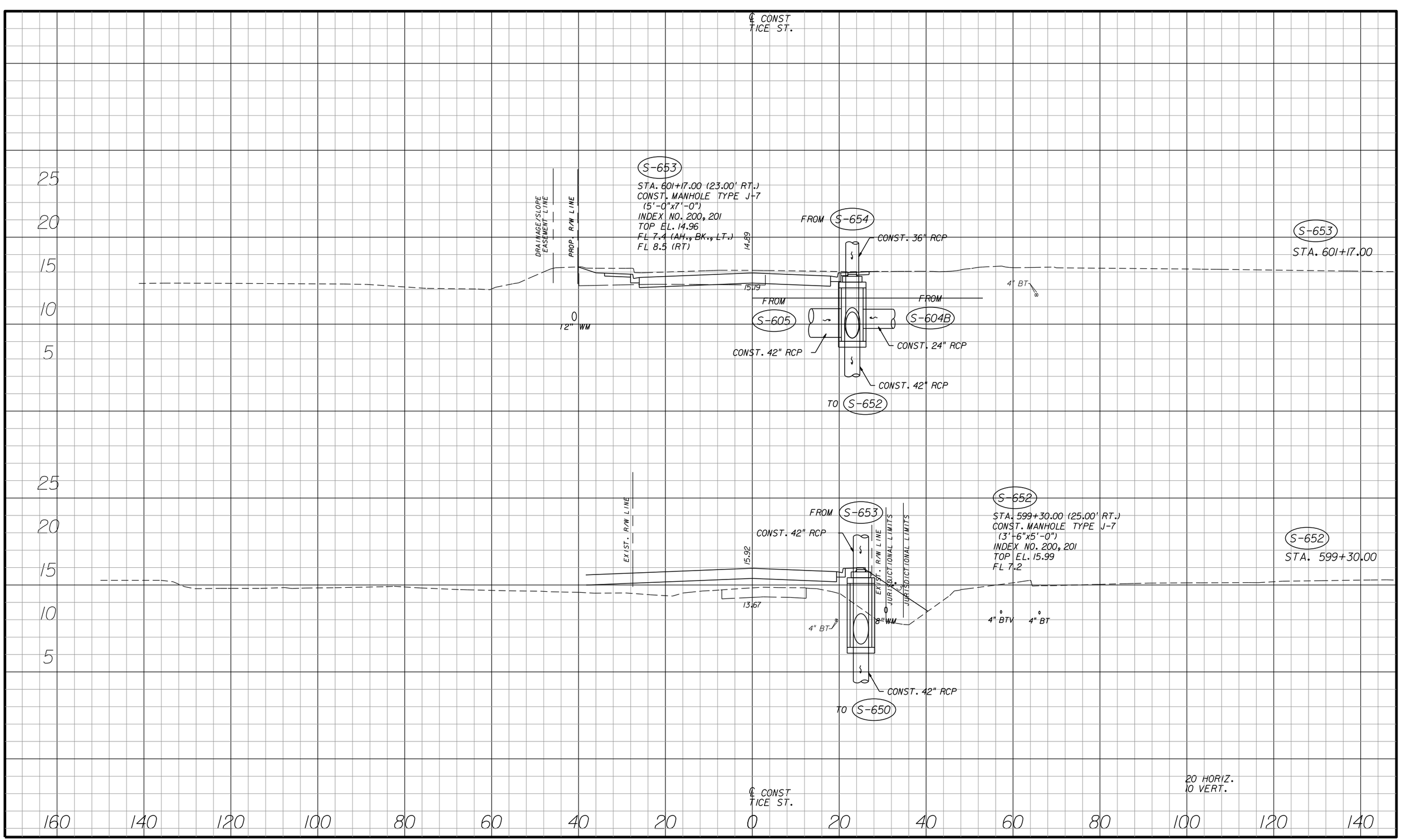

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO. 177

apeters

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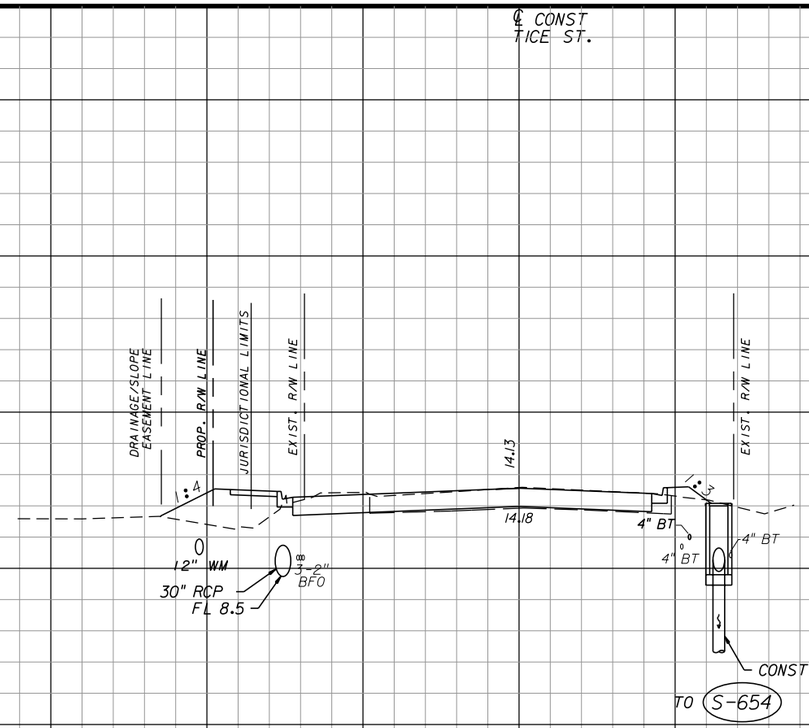

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
178

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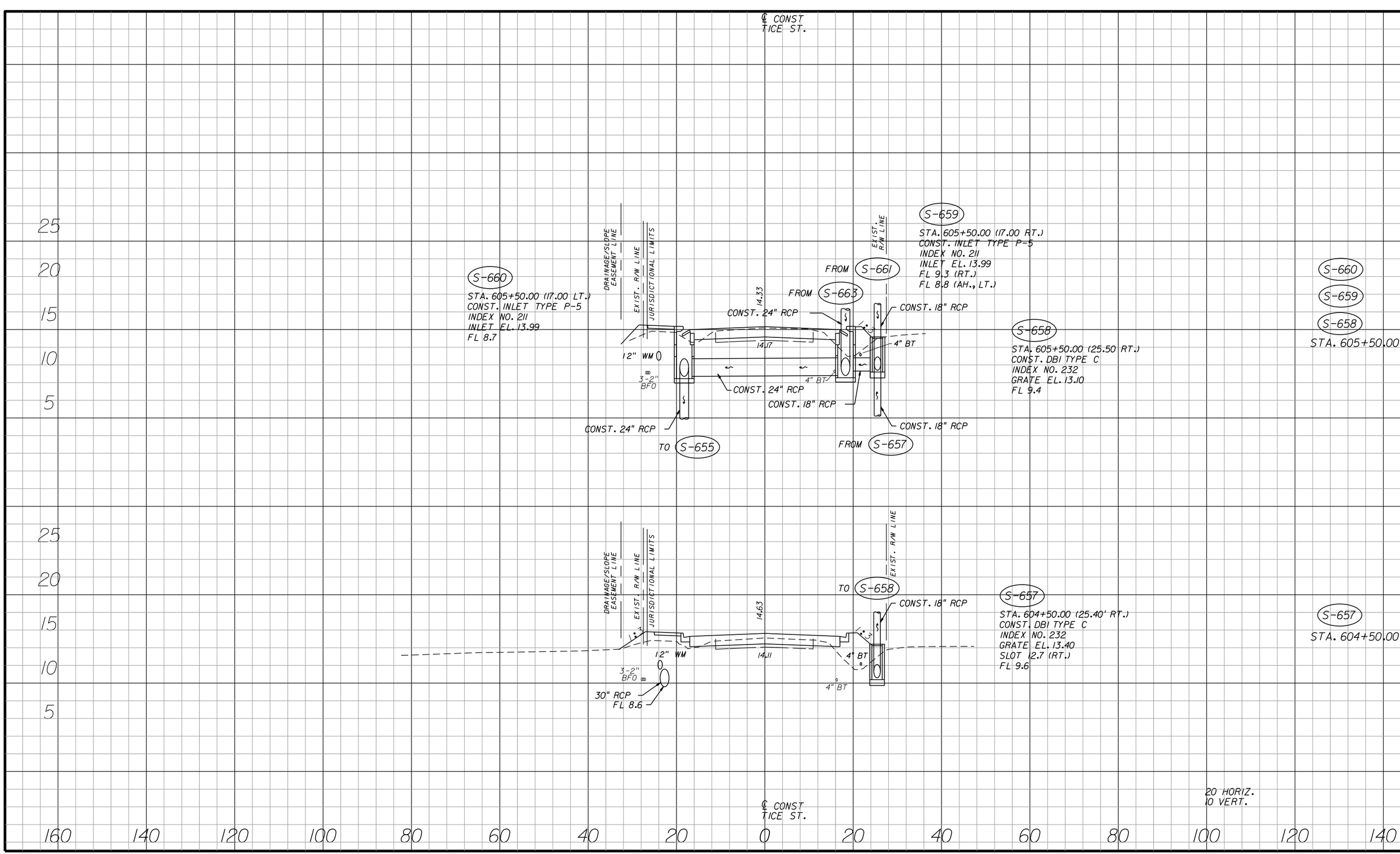

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
179

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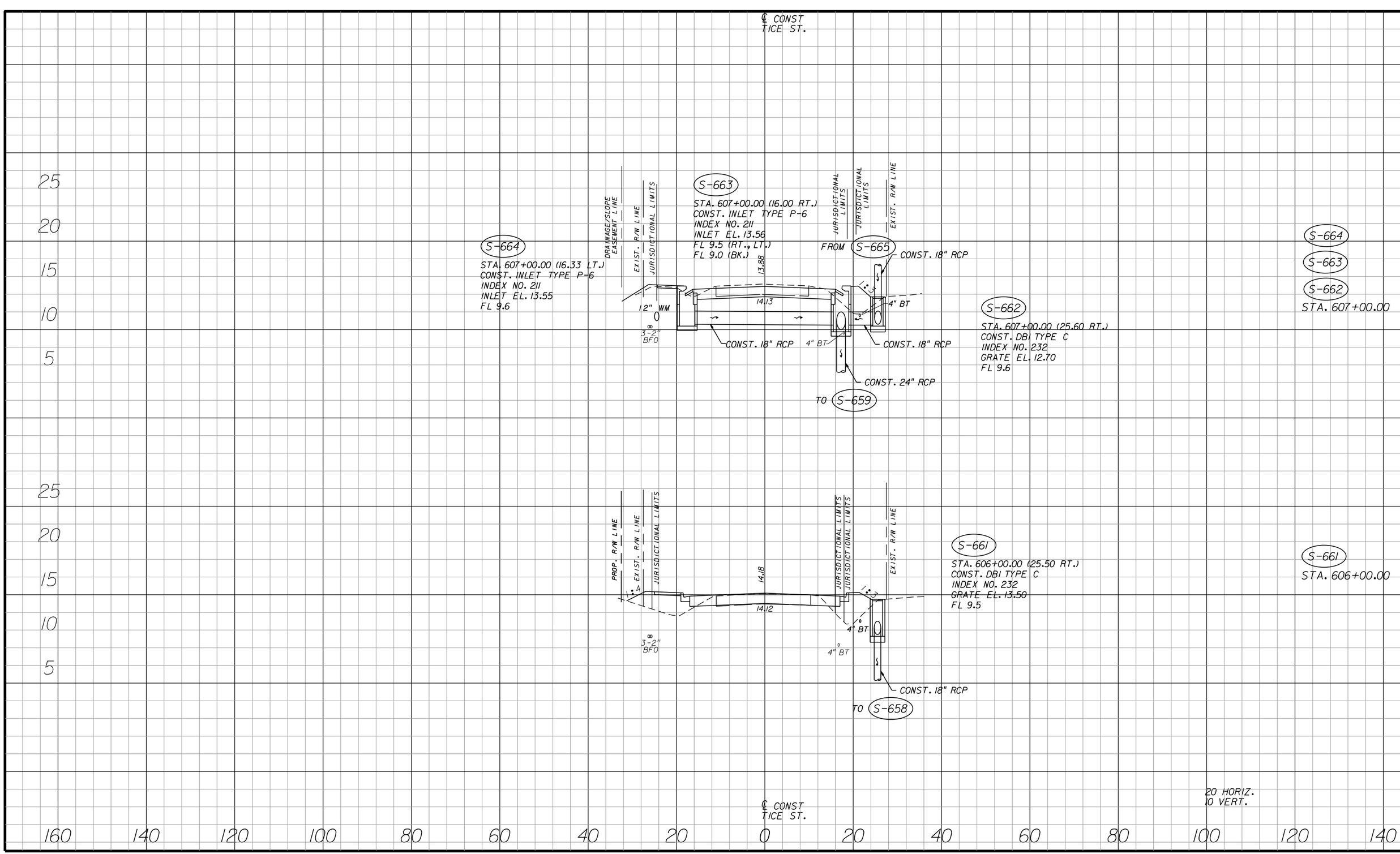

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
180

apeters
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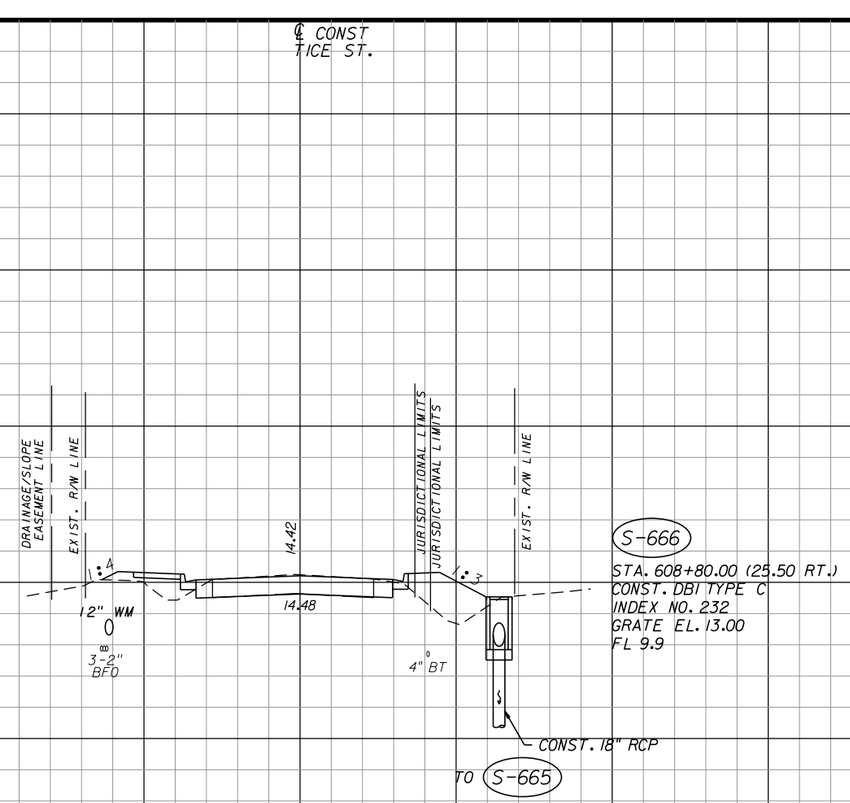

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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
181

apeters
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S-666
STA. 608+80.00

S-665
STA. 607+55.00

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FLORIDA CERTIFICATE NO. 60226


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# DRAINAGE STRUCTURES
# TICE STREET

SHEET NO.
182

apeters
10/11/2010 4:30:08 PM P:\LeeCounty_05-89740rtlz\PlanSet\roadway\drxsrd40.dgn

# BOX CULVERT DATA TABLES

**BOX, HEADWALL AND CUTOFF WALL DATA TABLE (inches unless shown otherwise)** — Table Date 01-01-07

| LOCATION | STRUCTURE NUMBER | BOX | | | | | | | | | HEADWALL AND CUTOFF WALL | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wc(ft) | Hc(ft) | Tt | Tw | Tb | Ti | #cells | Lc(ft) | Cover | Blhw | Hlhw | Brhw | Hrhw | Blcw | Hlcw | Brcw | Hrcw | SL(deg) | SR(deg) |
| 413+50.00 | S-721 | 6 | 5 | 10 | 10 | 10 | 10 | 2 | 181 | 2 | 15 | 24 | 15 | 24 | 12 | 24 | 12 | 24 | 7 | 9 |
| | | | | | | | | | | | | | | | | | | | | |

**LEFT SIDE WINGWALLS DATA TABLE (inches unless shown otherwise)** — Table Date 01-01-07

| STRUCTURE NUMBER | LEFT END WINGWALL | | | | | | | | | LEFT BEGIN ENDWALL | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rt | Rw | Rh | Rd | SW(deg) | β(deg) | He(ft) | Hs(ft) | Lw(ft) | Rt | Rw | Rh | Rd | SW(deg) | β(deg) | He(ft) | Hs(ft) | Lw(ft) |
| S-721 | 28 | 12 | 84 | 12 | 180 | 0.696 | 7 | 7 | 20 | 28 | 12 | 84 | 12 | 83 | 5.71 | 7 | 7 | 10 |
| | | | | | | | | | | | | | | | | | | |

**RIGHT SIDE WINGWALLS DATA TABLE (inches unless shown otherwise)** — Table Date 01-01-07

| STRUCTURE NUMBER | RIGHT END WINGWALL | | | | | | | | | RIGHT BEGIN ENDWALL | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rt | Rw | Rh | Rd | SW(deg) | β(deg) | He(ft) | Hs(ft) | Lw(ft) | Rt | Rw | Rh | Rd | SW(deg) | β(deg) | He(ft) | Hs(ft) | Lw(ft) |
| S-721 | 28 | 12 | 84 | 12 | 171 | 0 | 5.5 | 7 | 20 | 28 | 12 | 84 | 12 | 123 | 5.22 | 7 | 7 | 13 |
| | | | | | | | | | | | | | | | | | | |

**ESTIMATED CONCRETE QUANTITIES (CY)** — Table Date 01-01-07

| STRUCTURE NUMBER | BOX | | | | | | | | LEFT END WINGWALL | | | LEFT BEGIN WINGWALL | | | RIGHT END WINGWALL | | | RIGHT BEGIN WINGWALL | | | Culvert Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Left Cutoff Wall | Right Cutoff Wall | Bottom Slab | Walls | Top Slab | Left Head Wall | Right Head Wall | Sub Total | Footing | Wall | Sub Total | Footing | Wall | Sub Total | Footing | Wall | Sub Total | Footing | Wall | Sub Total | |
| S-721 | 0.631 | 0.634 | 82.3 | 83.8 | 81 | 0.789 | 0.793 | 251 | 7.65 | 5.19 | 13.6 | 3.72 | 2.59 | 6.68 | 7.65 | 4.63 | 13 | 4.98 | 3.37 | 8.83 | 293 |
| | | | | | | | | | | | | | | | | | | | | | |

**MAIN STEEL REINFORCEMENT SPACING (inches)** — Table Date 01-01-07

| STRUCTURE NUMBER | BOX | | | | | | | | | | | | | | | HEADWALLS | | CUTOFF WALLS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115, 116... | 803 | 806 | 809 | 812 |
| S-721 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | | | | | | | | | | | | | | | | |

**WINGWALL STEEL REINFORCEMENT SPACING (inches)** — Table Date 01-01-07

| STRUCTURE NUMBER | LEFT END WINGWALL | | | | | | | LEFT BEGIN WINGWALL | | | | | | | RIGHT END WINGWALL | | | | | | | RIGHT BEGIN WINGWALL | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 401 407(8) | 402 (403) | 404 (405) | 406 | 409 | 410 | 411 | 501 507(8) | 502 (503) | 504 (505) | 506 | 509 | 510 | 511 | 601 607(8) | 602 (603) | 604 (605) | 606 | 609 | 610 | 611 | 701 707(8) | 702 (703) | 704 (705) | 706 | 709 | 710 | 711 |
| S-721 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WINGWALL NOTE: Bar designations in "( )" are only required for variable height wingwalls.

NOTES:

1. Environmental Class Moderately Aggressive
2. Reinforcing Steel, Grade 60 ksi
3. Concrete Class IV f'c = 5.5 ksi
4. Soil Properties:
   Friction Angle 30°
   Modulus of Subgrade Reaction 35000 pcf
   Nominal Bearing Capacity 2000 psf
5. Total Estimated Quantity of Reinforcing Steel 42,464 lbs
6. Work this Drawing with Design Standards Index No. 289, Reinforcing Bar Lists and Box Culvert Details.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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Tampa, Florida 33607
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FAX (813) 871-5135
Florida Certificate of Authorization No. 02317

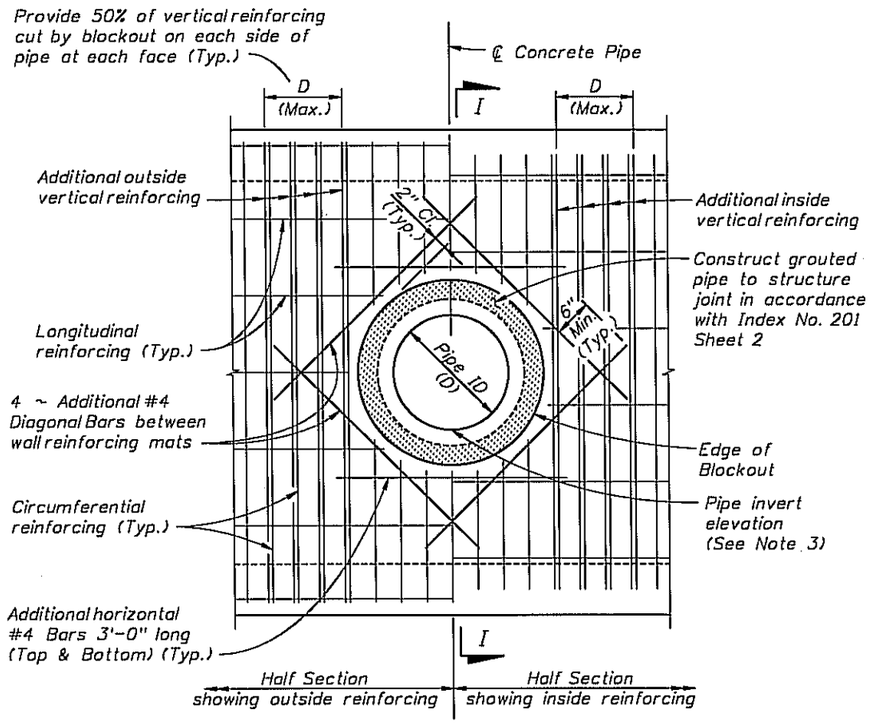
APPROVED BY:
THOMAS J. SHAW, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 50787

PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8500 www.lee-county.com/publicworks/default.htm

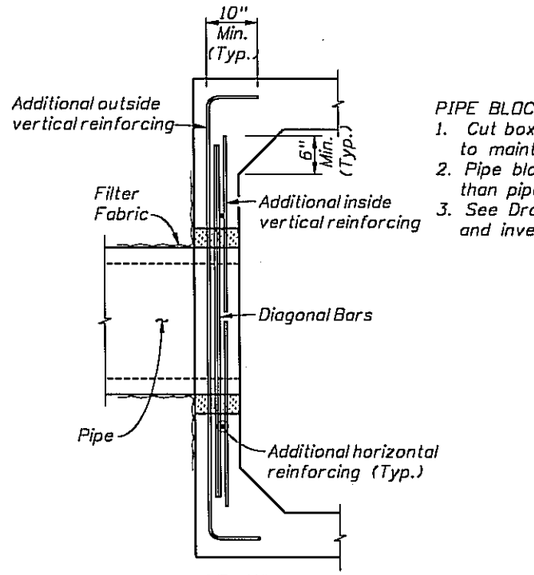
**BOX CULVERT DATA TABLES**
**DRAINAGE STRUCTURE S-721**
**LUCKETT ROAD**

SHEET 183

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ELEVATION VIEW




SECTION I-I
(Showing additional blockout reinforcing only)

PIPE BLOCKOUT NOTES:
1. Cut box culvert reinforcement as required to maintain 3" cover.
2. Pipe blockout diameter to be 6" greater than pipe outside diameter.
3. See Drainage Plans for size, placement, and invert elevation.

# PIPE BLOCKOUT DETAILS

NOTES:

1. WORK THIS SHEET WITH BOX CULVERT DATA TABLE AND BOX CULVERT REINFORCING BAR LIST.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/details.htm

**BOX CULVERT DETAILS**

**LUCKETT ROAD**

SHEET 184

| MARK | | LENGTH | NO | TYP | STY | | B | C | D | E | F | H | J | K | N | Ø |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DES | FT IN | BARS | BAR | A | G | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | NO | ANG |
| LOCATION | | | MAIN BOX | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 5 | 101 | 14- 2 | 215 | 1 | | | 14- 2 | | | | | | | | | |
| 5 | 201 | VARY | 2 | 1 | | | 9-11 1/4 | | | | | | | | | |
| | | 6- 7 | 0 | 1 | | | 3- 1 3/4 | | | | | | | | | |
| 5 | 301 | VARY | 2 | 1 | | | 10-10 1/2 | | | | | | | | | |
| | | 5- 8 | 0 | 1 | | | 0- 4 | | | | | | | | | |
| 6 | 102 | 14- 2 | 215 | 1 | | | 14- 2 | | | | | | | | | |
| 6 | 202 | VARY | 2 | 1 | | | 9-11 1/4 | | | | | | | | | |
| | | 6- 7 | 0 | 1 | | | 3- 1 3/4 | | | | | | | | | |
| 6 | 302 | VARY | 2 | 1 | | | 10-10 1/2 | | | | | | | | | |
| | | 5- 8 | 0 | 1 | | | 0- 4 | | | | | | | | | |
| 6 | 103 | 14- 2 | 218 | 1 | | | 14- 2 | | | | | | | | | |
| 6 | 203 | VARY | 2 | 1 | | | 11-11 3/4 | | | | | | | | | |
| | | 8- 7 | 0 | 1 | | | 5- 2 1/4 | | | | | | | | | |
| 6 | 303 | VARY | 3 | 1 | | | 12- 5 1/2 | | | | | | | | | |
| | | 7- 3 | 0 | 1 | | | 1-11 | | | | | | | | | |
| 5 | 104 | 14- 2 | 218 | 1 | | | 14- 2 | | | | | | | | | |
| 5 | 204 | VARY | 2 | 1 | | | 11-11 3/4 | | | | | | | | | |
| | | 8- 7 | 0 | 1 | | | 5- 2 1/4 | | | | | | | | | |
| 5 | 304 | VARY | 3 | 1 | | | 12- 5 1/2 | | | | | | | | | |
| | | 7- 3 | 0 | 1 | | | 1-11 | | | | | | | | | |
| 4 | 105 | 7- 6 | 435 | 10 | | | 2-10 | 4- 7 | | | | | | | | |
| 4 | 106 | 7- 6 | 435 | 10 | | | 2-10 | 4- 7 | | | | | | | | |
| 4 | 107 | 7- 6 | 868 | 10 | | | 2-10 | 4- 7 | | | | | | | | |
| 4 | 108 | 6- 4 | 435 | 1 | | | 6- 4 | | | | | | | | | |
| 4 | 109 | VARY | 16 | 2 | | | 2- 2 | 181-10 3/4 | | | | | | | 3 | |
| | | 188- 2 | 0 | 2 | | | 2- 2 | 181- 4 3/4 | | | | | | | 3 | |
| 4 | 110 | VARY | 16 | 2 | | | 2- 2 | 180-10 3/4 | | | | | | | 3 | |
| | | 187- 2 | 0 | 2 | | | 2- 2 | 180- 4 3/4 | | | | | | | 3 | |
| 4 | 111 | VARY | 16 | 2 | | | 2- 2 | 180- 3 1/2 | | | | | | | 3 | |
| | | 186- 7 | 0 | 2 | | | 2- 2 | 179- 9 1/2 | | | | | | | 3 | |
| 4 | 112 | VARY | 16 | 2 | | | 2- 2 | 181-10 3/4 | | | | | | | 3 | |
| | | 188- 2 | 0 | 2 | | | 2- 2 | 181- 4 3/4 | | | | | | | 3 | |
| 4 | 113 | 187- 5 | 12 | 2 | | | 2- 2 | 180-10 3/4 | | | | | | | 3 | |
| 4 | 114 | 186-11 | 12 | 2 | | | 2- 2 | 180- 4 3/4 | | | | | | | 3 | |
| 4 | 115 | 187- 3 | 12 | 2 | | | 2- 2 | 180- 8 1/2 | | | | | | | 3 | |
| LOCATION | | | LEFT END WINGWALL | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 5 | 401 | 6-10 | 20 | 1 | | | 6-10 | | | | | | | | | |
| 4 | 402 | 19- 8 | 7 | 1 | | | 19- 8 | | | | | | | | | |
| 4 | 404 | 19- 8 | 7 | 1 | | | 19- 8 | | | | | | | | | |
| 4 | 406 | 6-10 | 20 | 1 | | | 6-10 | | | | | | | | | |
| 5 | 407 | 6-10 | 20 | 10 | | | 3- 0 | 3-10 | | | | | | | | |
| 4 | 409 | 10- 0 | 20 | 1 | | | 10- 0 | | | | | | | | | |
| 4 | 410 | 10- 0 | 20 | 1 | | | 10- 0 | | | | | | | | | |
| 4 | 411 | 19- 8 | 20 | 1 | | | 19- 8 | | | | | | | | | |
| 5 | 412 | 2- 0 | 10 | 1 | | | 2- 0 | | | | | | | | | |
| LOCATION | | | LEFT BEGIN WINGWALL | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 5 | 501 | 6-10 | 10 | 1 | | | 6-10 | | | | | | | | | |
| 4 | 502 | 9- 8 | 7 | 1 | | | 9- 8 | | | | | | | | | |
| 4 | 504 | 9- 8 | 7 | 1 | | | 9- 8 | | | | | | | | | |
| 4 | 506 | 6-10 | 10 | 1 | | | 6-10 | | | | | | | | | |
| 5 | 507 | 6-10 | 10 | 10 | | | 3- 0 | 3-10 | | | | | | | | |
| 4 | 509 | 10- 0 | 10 | 1 | | | 10- 0 | | | | | | | | | |
| 4 | 510 | 10- 0 | 10 | 1 | | | 10- 0 | | | | | | | | | |
| 4 | 511 | 9- 8 | 20 | 1 | | | 9- 8 | | | | | | | | | |
| 5 | 512 | 2- 0 | 10 | 1 | | | 2- 0 | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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DEPARTMENT
of
TRANSPORTATION

# REINFORCING BAR LIST (1 OF 2)
## DRAINAGE STRUCTURE S-721
## LUCKETT ROAD

SHEET 185

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| MARK | | LENGTH | NO | TYP | STY | | B | C | D | E | F | H | J | K | N | Ø |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | DES | FT IN | BARS | BAR | A | G | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | FT IN FR | NO | ANG |
| | | | | | | | | | | | | | | | | |
| LOCATION | | RIGHT END WINGWALL | | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 5 | 601 | VARY | 20 | 1 | | | 6- 9 | | | | | | | | | |
| | | 6- 9 | 0 | 1 | | | 6- 9 | | | | | | | | | |
| 4 | 602 | 19- 8 | 6 | 1 | | | 19- 8 | | | | | | | | | |
| 4 | 603 | VARY | 1 | 1 | | | 8- 8 3/4 | | | | | | | | | |
| | | 8- 9 | 0 | 1 | | | 8- 8 3/4 | | | | | | | | | |
| 4 | 604 | 19- 8 | 6 | 1 | | | 19- 8 | | | | | | | | | |
| 4 | 605 | VARY | 1 | 1 | | | 8- 8 3/4 | | | | | | | | | |
| | | 8- 9 | 0 | 1 | | | 8- 8 3/4 | | | | | | | | | |
| 4 | 606 | VARY | 20 | 1 | | | 6- 9 | | | | | | | | | |
| | | 6- 9 | 0 | 1 | | | 6- 9 | | | | | | | | | |
| 5 | 607 | 10- 7 | 20 | 10 | | | 6- 9 | 3-10 | | | | | | | | |
| 5 | 608 | VARY | 0 | 10 | | | 6- 9 | | | | | | | | | |
| | | 6-10 | 0 | 10 | | | 6-11 | | | | | | | | | |
| 4 | 609 | 6-11 | 20 | 1 | | | 6-11 | | | | | | | | | |
| 4 | 610 | 5- 5 | 20 | 1 | | | 5- 5 | | | | | | | | | |
| 4 | 611 | 6-11 | 20 | 1 | | | 6-11 | | | | | | | | | |
| 5 | 612 | 2- 0 | 10 | 1 | | | 2- 0 | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| LOCATION | | RIGHT BEGIN WINGWALL | | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 5 | 701 | 6-10 | 13 | 1 | | | 6-10 | | | | | | | | | |
| 4 | 702 | 12- 8 | 7 | 1 | | | 12- 8 | | | | | | | | | |
| 4 | 704 | 12- 8 | 7 | 1 | | | 12- 8 | | | | | | | | | |
| 4 | 706 | 6-10 | 13 | 1 | | | 6-10 | | | | | | | | | |
| 5 | 707 | 6-10 | 13 | 10 | | | 3- 0 | 3-10 | | | | | | | | |
| 4 | 709 | 10- 0 | 13 | 1 | | | 10- 0 | | | | | | | | | |
| 4 | 710 | 10- 0 | 13 | 1 | | | 10- 0 | | | | | | | | | |
| 4 | 711 | 12- 8 | 20 | 1 | | | 12- 8 | | | | | | | | | |
| 5 | 712 | 2- 0 | 10 | 1 | | | 2- 0 | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| LOCATION | | LEFT HEADWALL | | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 4 | 801 | 14- 4 | 3 | 1 | | | 14- 3 1/4 | | | | | | | | | |
| 4 | 802 | 14- 4 | 3 | 1 | | | 14- 3 1/4 | | | | | | | | | |
| 4 | 803 | 5- 9 | 15 | 27 | | | 1- 7 1/4 | 0-11 | | 0- 4 | 1- 3 1/4 | 0-11 | 0-11 | | | |
| 10 | 0 | 0- 0 | 0 | 0 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| LOCATION | | RIGHT HEADWALL | | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 4 | 804 | 14- 5 | 3 | 1 | | | 14- 4 1/4 | | | | | | | | | |
| 4 | 805 | 14- 5 | 3 | 1 | | | 14- 4 1/4 | | | | | | | | | |
| 4 | 806 | 5- 9 | 15 | 27 | | | 1- 7 1/4 | 0-11 | | 0- 4 | 1- 3 1/4 | 0-11 | 0-11 | | | |
| 10 | 0 | 0- 0 | 0 | 0 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| LOCATION | | LEFT CUTOFF WALL | | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 4 | 807 | 14- 4 | 2 | 1 | | | 14- 3 1/4 | | | | | | | | | |
| 4 | 808 | 14- 4 | 2 | 1 | | | 14- 3 1/4 | | | | | | | | | |
| 4 | 809 | 5- 1 | 15 | 7 | | | 1- 7 1/4 | 0- 8 | 0- 7 | 0- 7 | | | | | | |
| 10 | 0 | 0- 0 | 0 | 0 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| LOCATION | | RIGHT CUTOFF WALL | | | | | | | | | NO. REQUIRED = 1 | | | | | |
| 4 | 810 | 14- 5 | 2 | 1 | | | 14- 4 1/4 | | | | | | | | | |
| 4 | 811 | 14- 5 | 2 | 1 | | | 14- 4 1/4 | | | | | | | | | |
| 4 | 812 | 5- 1 | 15 | 7 | | | 1- 7 1/4 | 0- 8 | 0- 7 | 0- 7 | | | | | | |
| 10 | 0 | 0- 0 | 0 | 0 | | | | | | | | | | | | |
| END OF LIST | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

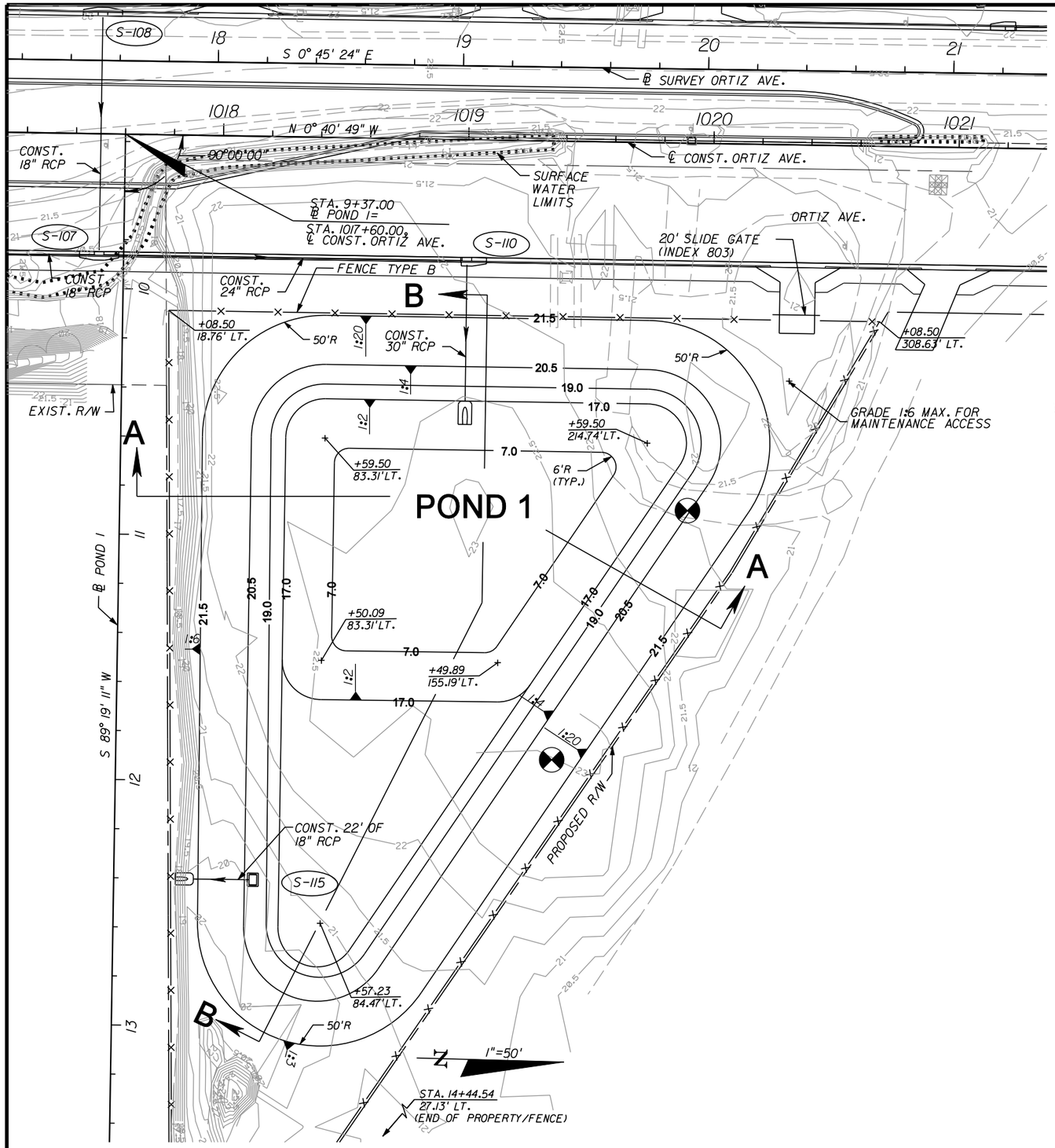
Kisinger Campo & Associates Corp.
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Tampa, Florida 33607
TELEPHONE (813) 871-5331
FAX (813) 871-5135
Florida Certificate of Authorization No. 02317

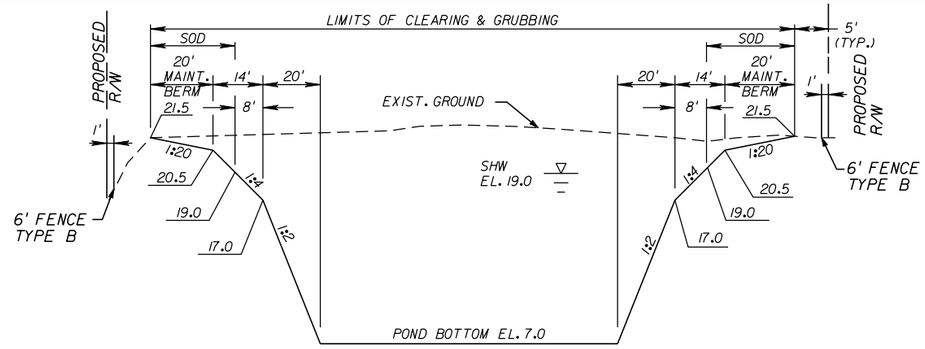
APPROVED BY:
THOMAS J. SHAW, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 50787

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8500 www.lee-county.com/publicworks/default.htm

# REINFORCING BAR LIST (2 OF 2)
## DRAINAGE STRUCTURE S-721
## LUCKETT ROAD

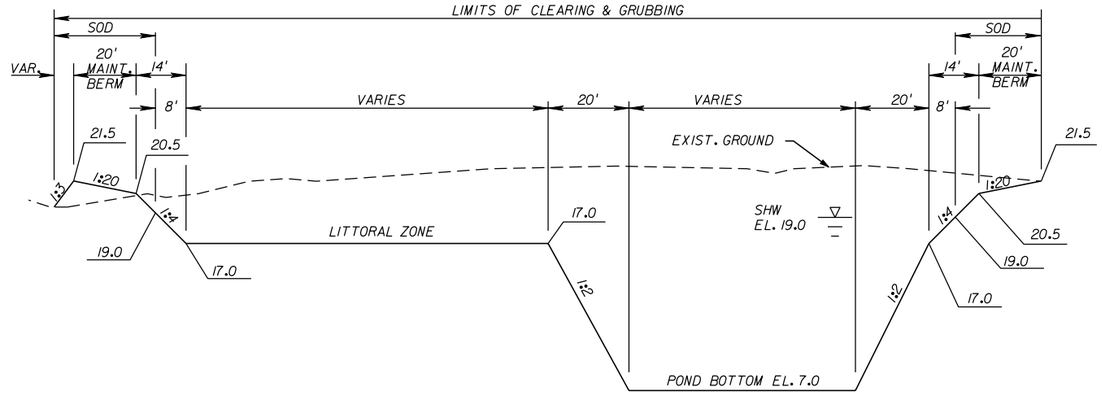
SHEET 186




SECTION A-A

NTS




SECTION B-B

NTS

| POND 1 DATA | |
|---|---|
| TOB EL. | 21.5 |
| DHW EL. (SFWMD 25YR-72HR) | 20.5 |
| WEIR EL. | 19.7 |
| SHW EL. | 19.0 |
| LITTORAL ZONE EL. | 17.0 |
| BOTTOM EL. | 7.0 |

NOTES:

1. ALL CONTROL POINTS AND BORINGS ARE REFERENCED TO POND 1 BASELINE.
2. FOR OUTFALL INFORMATION SEE POND STRUCTURES DETAIL SHEET.

APPROXIMATE BORING LOCATION

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

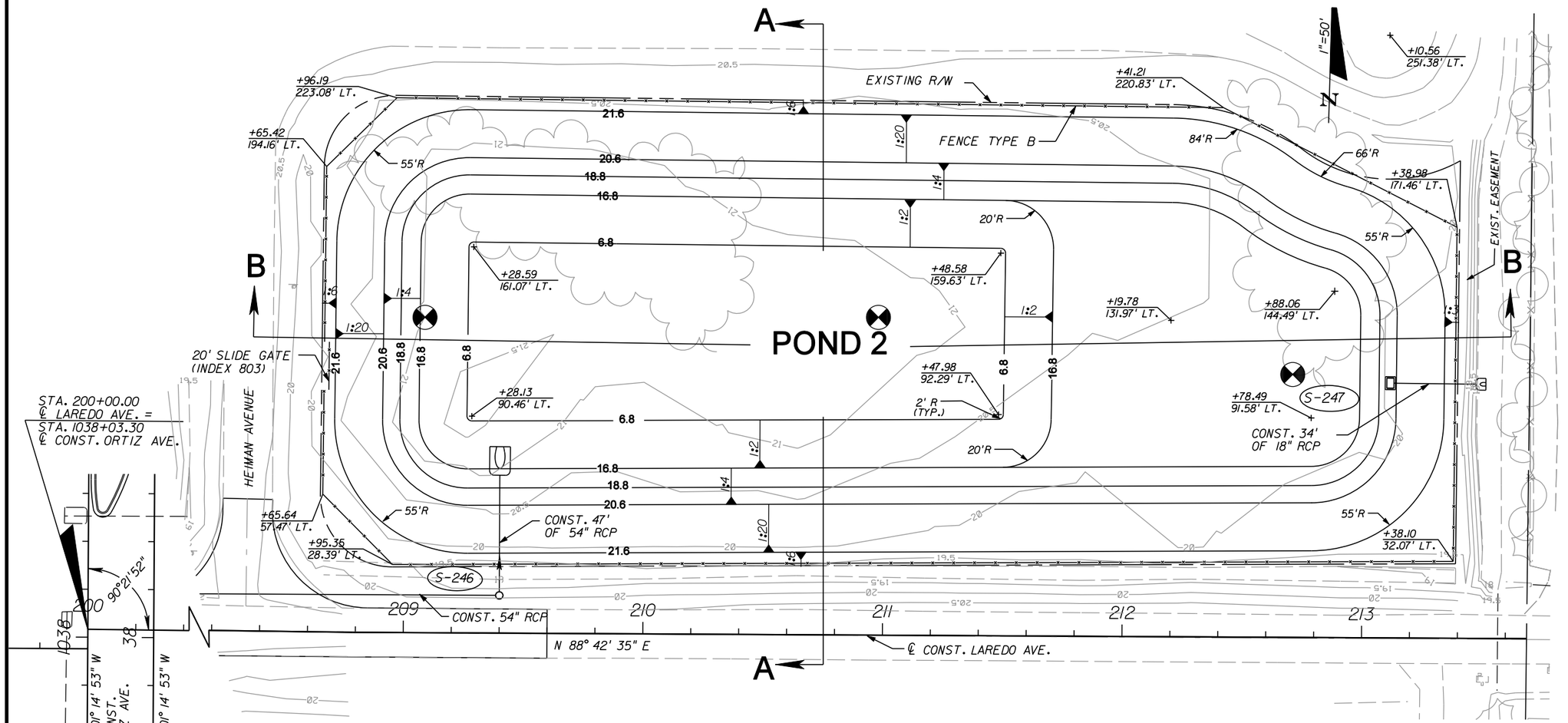
APPROVED BY:
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LEE COUNTY
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1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm

# POND 1 DETAIL SHEET

SHEET NO. 187

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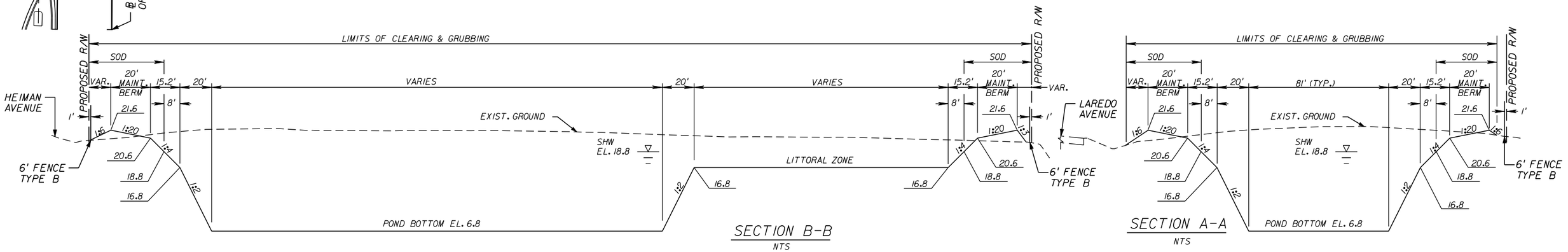



| POND 2 DATA | |
|---|---|
| TOB EL. | 21.6 |
| DHW EL. (SFWMD 25YR-72HR) | 20.6 |
| WEIR EL. | 19.7 |
| SHW EL. | 18.8 |
| LITTORAL ZONE EL. | 16.8 |
| BOTTOM EL. | 6.8 |

NOTES:

1. ALL CONTROL POINTS AND BORINGS ARE REFERENCED TO LAREDO AVE. BASELINE.
2. FOR OUTFALL INFORMATION SEE POND STRUCTURES DETAIL SHEET.

APPROXIMATE BORING LOCATION




SECTION B-B
NTS

SECTION A-A
NTS

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

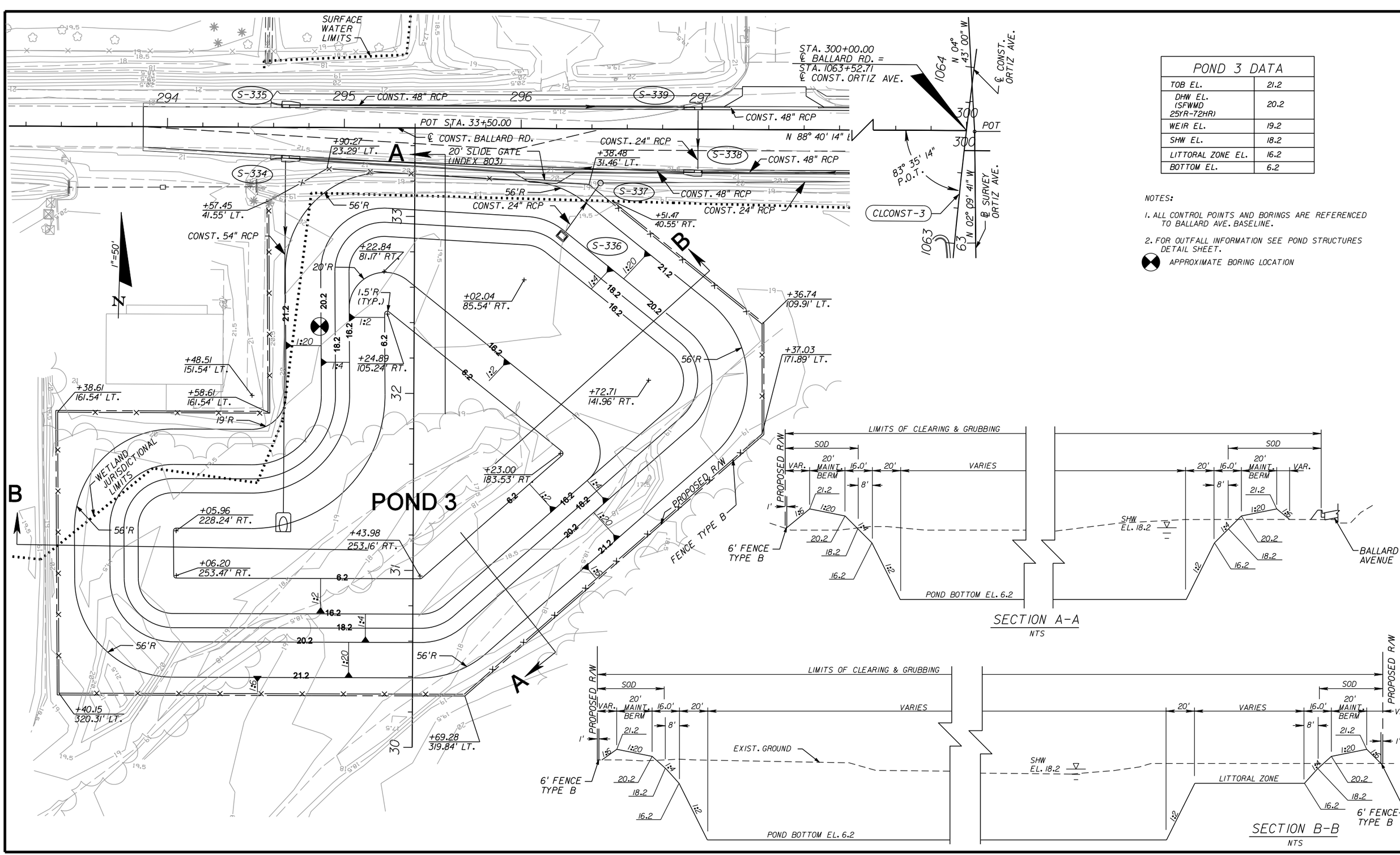

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FORT MYERS, FLORIDA 33901
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# POND 2 DETAIL SHEET

SHEET NO. 188

apeters

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| POND 3 DATA | |
|---|---|
| TOB EL. | 21.2 |
| DHW EL. (SFWMD 25YR-72HR) | 20.2 |
| WEIR EL. | 19.2 |
| SHW EL. | 18.2 |
| LITTORAL ZONE EL. | 16.2 |
| BOTTOM EL. | 6.2 |

NOTES:

1. ALL CONTROL POINTS AND BORINGS ARE REFERENCED TO BALLARD AVE. BASELINE.
2. FOR OUTFALL INFORMATION SEE POND STRUCTURES DETAIL SHEET.

APPROXIMATE BORING LOCATION




SECTION A-A
NTS




SECTION B-B
NTS

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

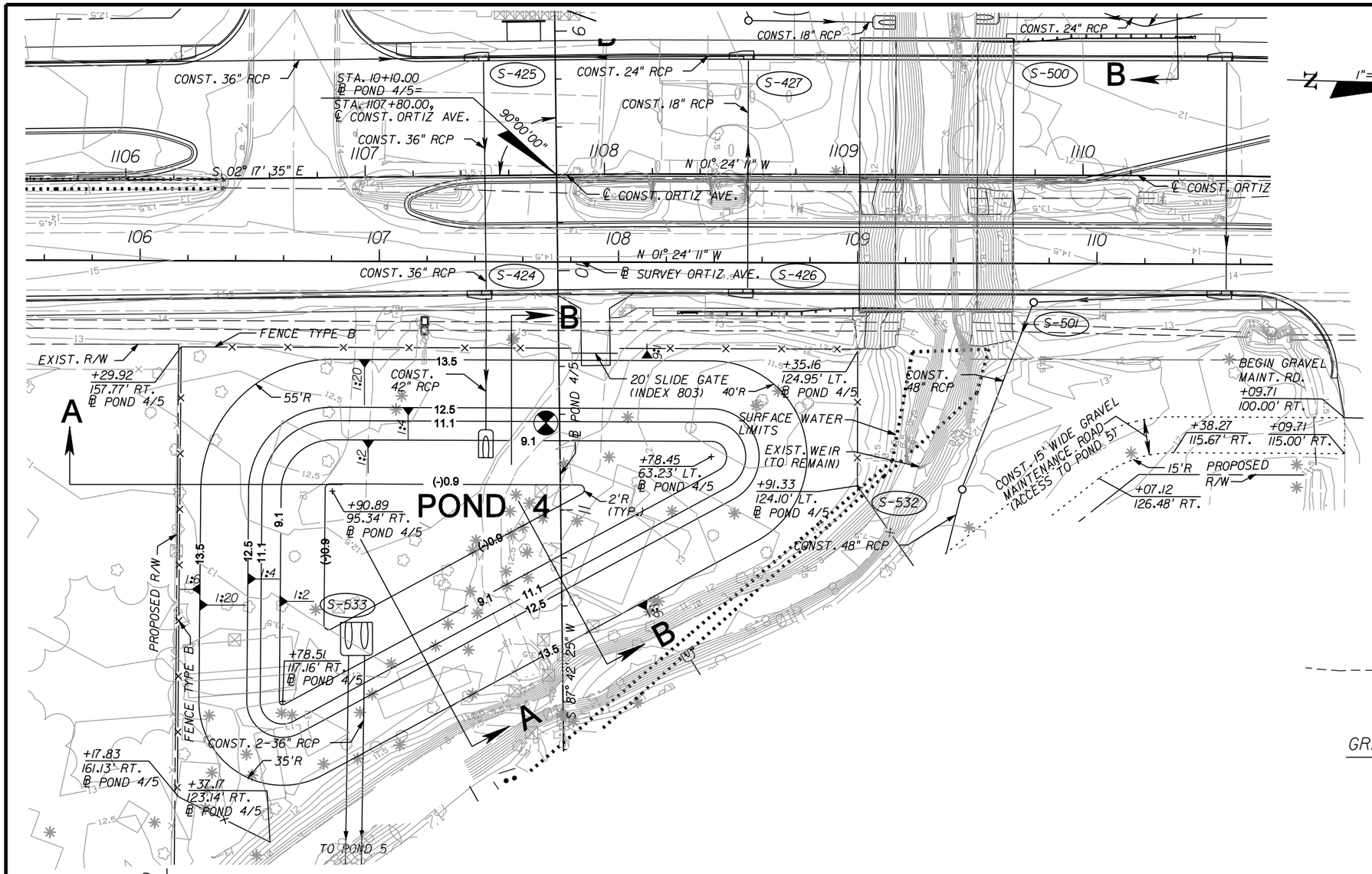

APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


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FORT MYERS, FLORIDA 33901
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# POND 3
# DETAIL SHEET

SHEET NO. 189

apeters 10/11/2010 4:30:53 PM P:\LeeCounty_05-89740rtiz\PlanSet\drainage\pdplrd03.dgn

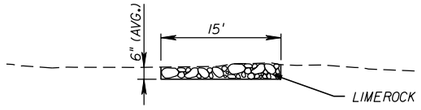



| POND 4 DATA | |
|---|---|
| TOB EL. | 13.5 |
| DHW EL. (SFWMD 25YR-72HR) | 12.5 |
| SHW EL. | 11.1 |
| BOTTOM EL. | (-)0.9 |

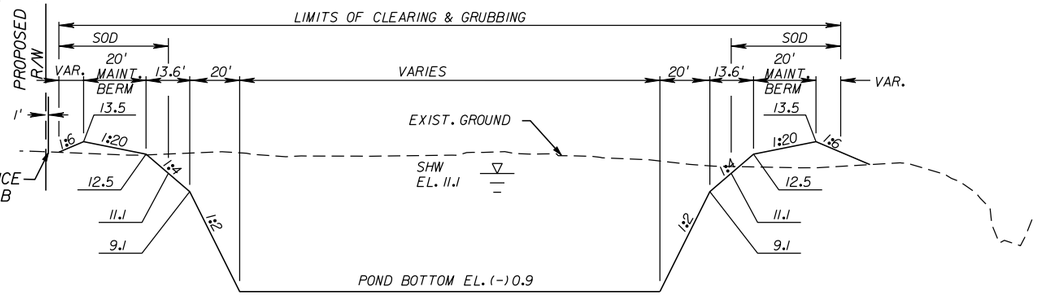
NOTES:

1. ALL CONTROL POINTS AND BORINGS ARE REFERENCED TO POND 4/5 BASELINE.
2. FOR OUTFALL INFORMATION SEE POND STRUCTURES DETAIL SHEET.

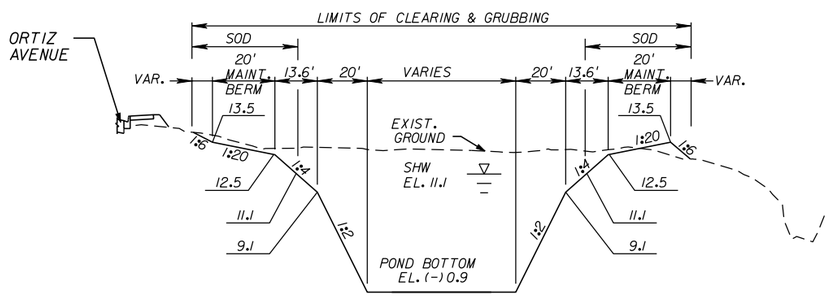
APPROXIMATE BORING LOCATION




TYPICAL SECTION
GRAVEL MAINTENANCE ROAD
NTS




SECTION A-A
NTS




SECTION B-B
NTS

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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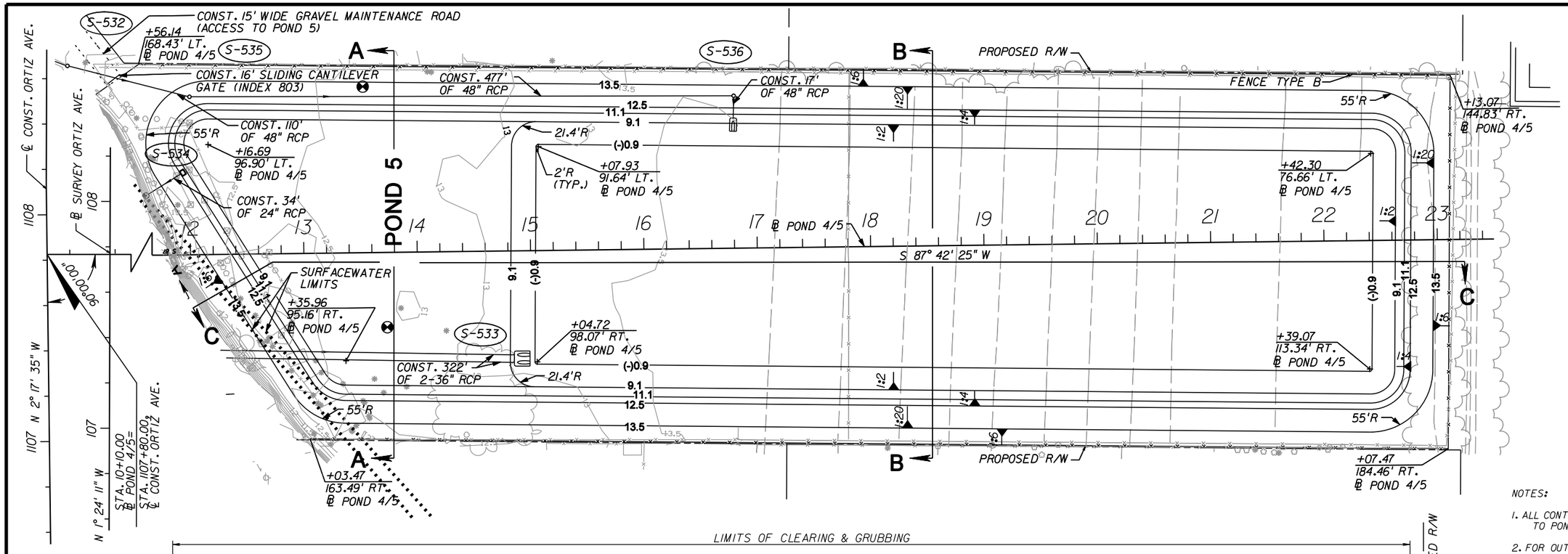
AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

PUBLIC WORKS
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DEPARTMENT
of
TRANSPORTATION
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# POND 4
# DETAIL SHEET

SHEET NO.
190

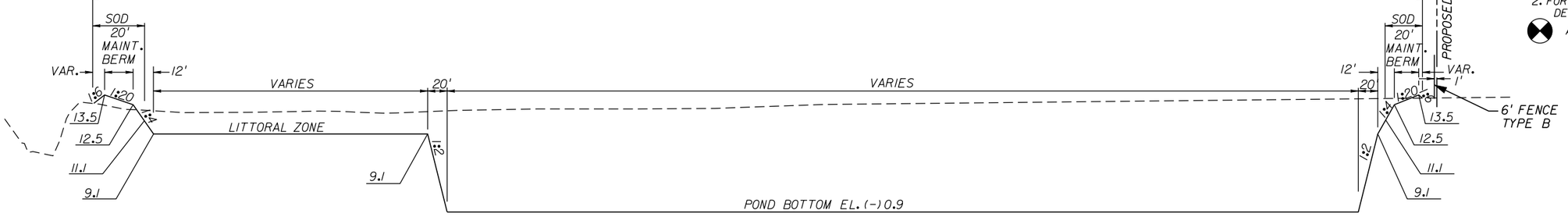



| POND 5 DATA | |
|---|---|
| TOB EL. | 13.5 |
| DHW EL. (SFWMD 25YR-72HR) | 12.5 |
| WEIR EL. | 11.5 |
| SHW EL. | 11.1 |
| LITTORAL ZONE EL. | 9.1 |
| BOTTOM EL. | (-)0.9 |

NOTES:

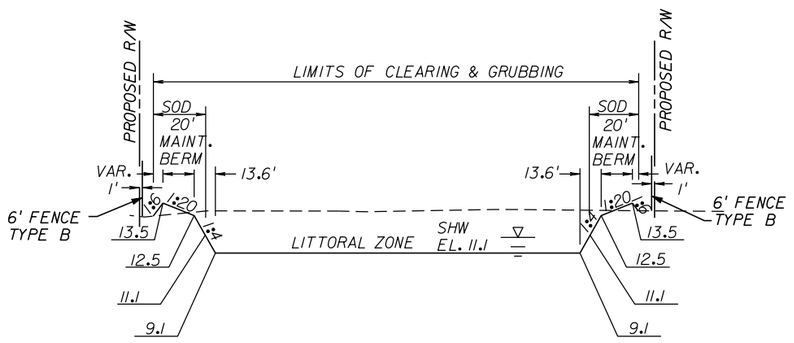
1. ALL CONTROL POINTS AND BORINGS ARE REFERENCED TO POND 4/5 BASELINE.
2. FOR OUTFALL INFORMATION SEE POND STRUCTURES DETAIL SHEET.

APPROXIMATE BORING LOCATION



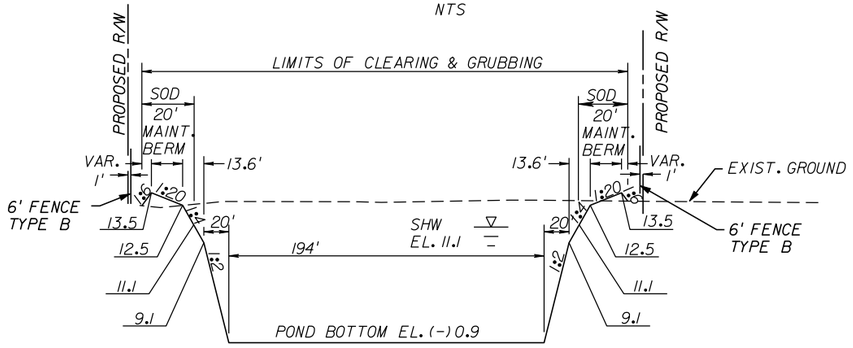

SECTION C-C

NTS



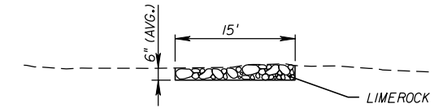

SECTION A-A

NTS




SECTION B-B

NTS




TYPICAL SECTION
GRAVEL MAINTENANCE ROAD

NTS

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TELEPHONE (888) 627-4144
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CERTIFICATE OF AUTHORIZATION NO. 3114

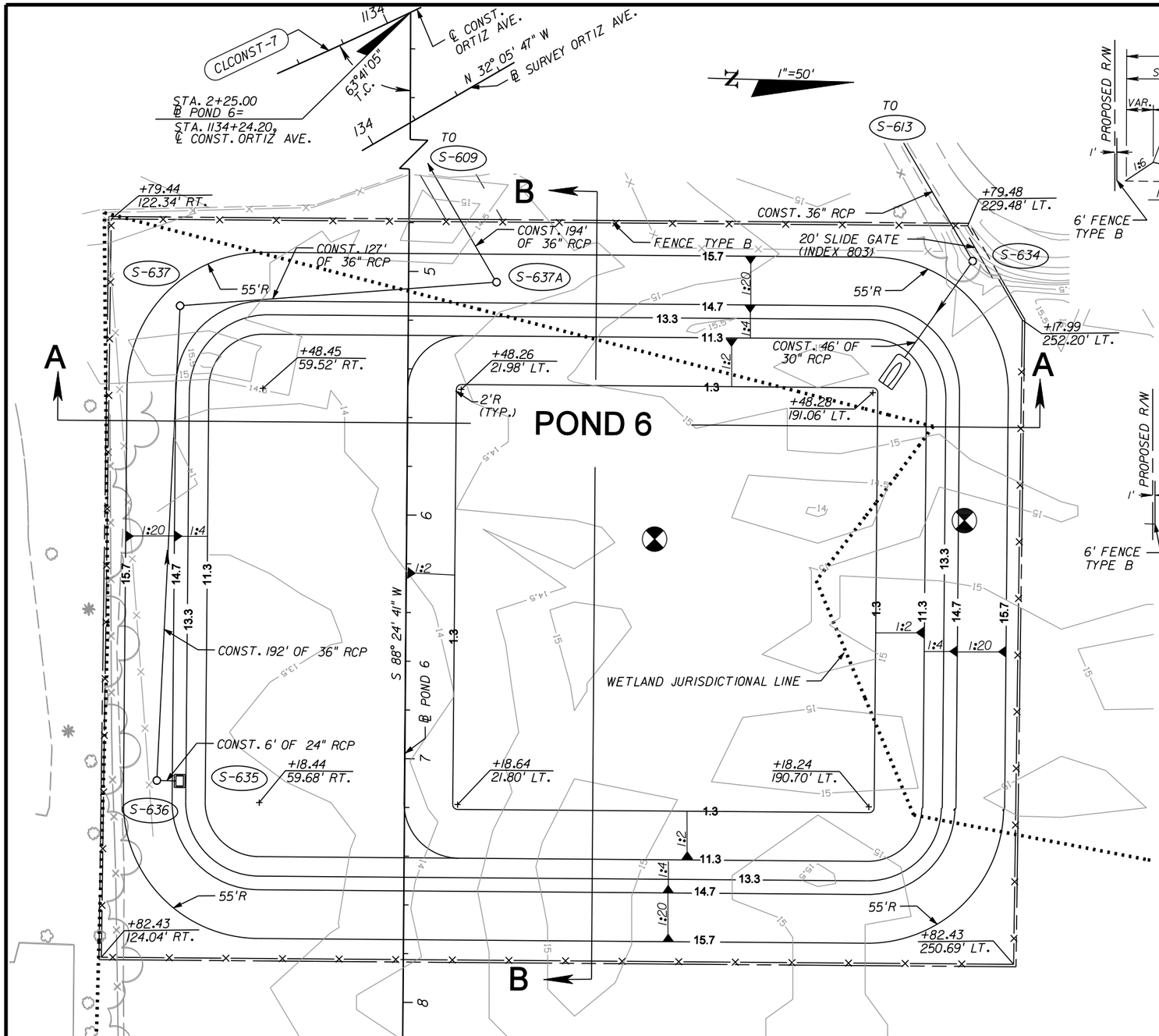

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FLORIDA CERTIFICATE NO. 60226

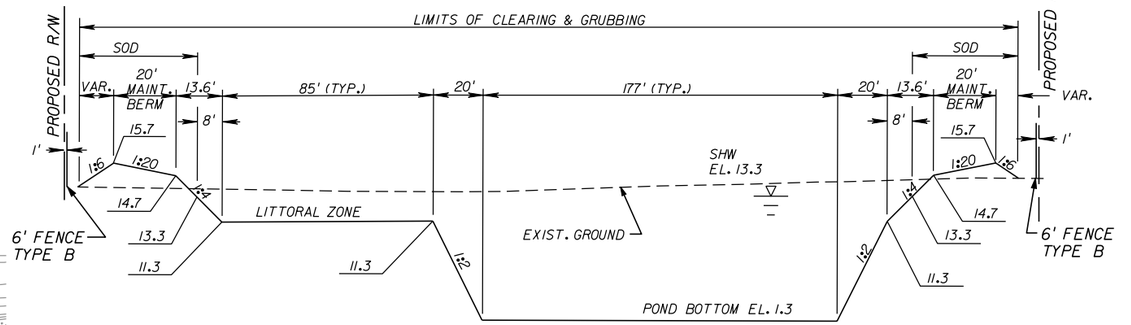

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# POND 5 DETAIL SHEET

SHEET NO. 191

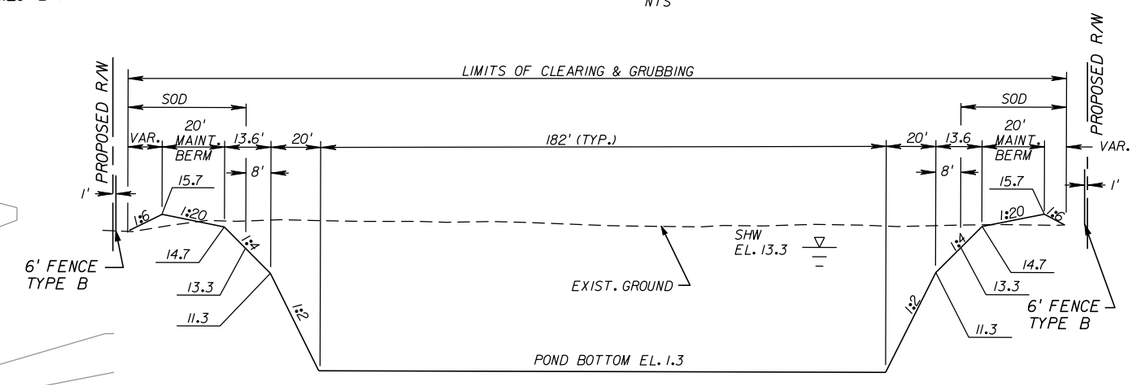
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SECTION A-A

NTS




SECTION B-B

NTS

| POND 6B DATA | |
|---|---|
| TOB EL. | 15.7 |
| DHW EL. (SFWMD 25YR-72HR) | 14.7 |
| WEIR EL. | 13.8 |
| SHW EL. | 13.3 |
| LITTORAL ZONE EL. | 11.3 |
| BOTTOM EL. | 1.3 |

NOTES:

1. ALL CONTROL POINTS AND BORINGS ARE REFERENCED TO POND 6 BASELINE.
2. FOR OUTFALL INFORMATION SEE POND STRUCTURES DETAIL SHEET.

APPROXIMATE BORING LOCATION

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


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FLORIDA CERTIFICATE NO. 60226

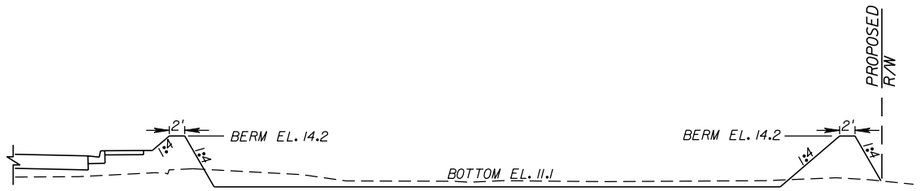

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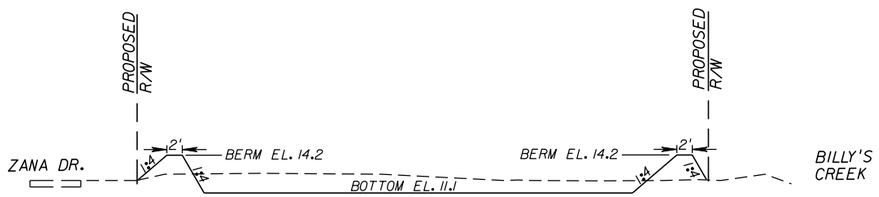
# POND 6
# DETAIL SHEET

SHEET NO. 192

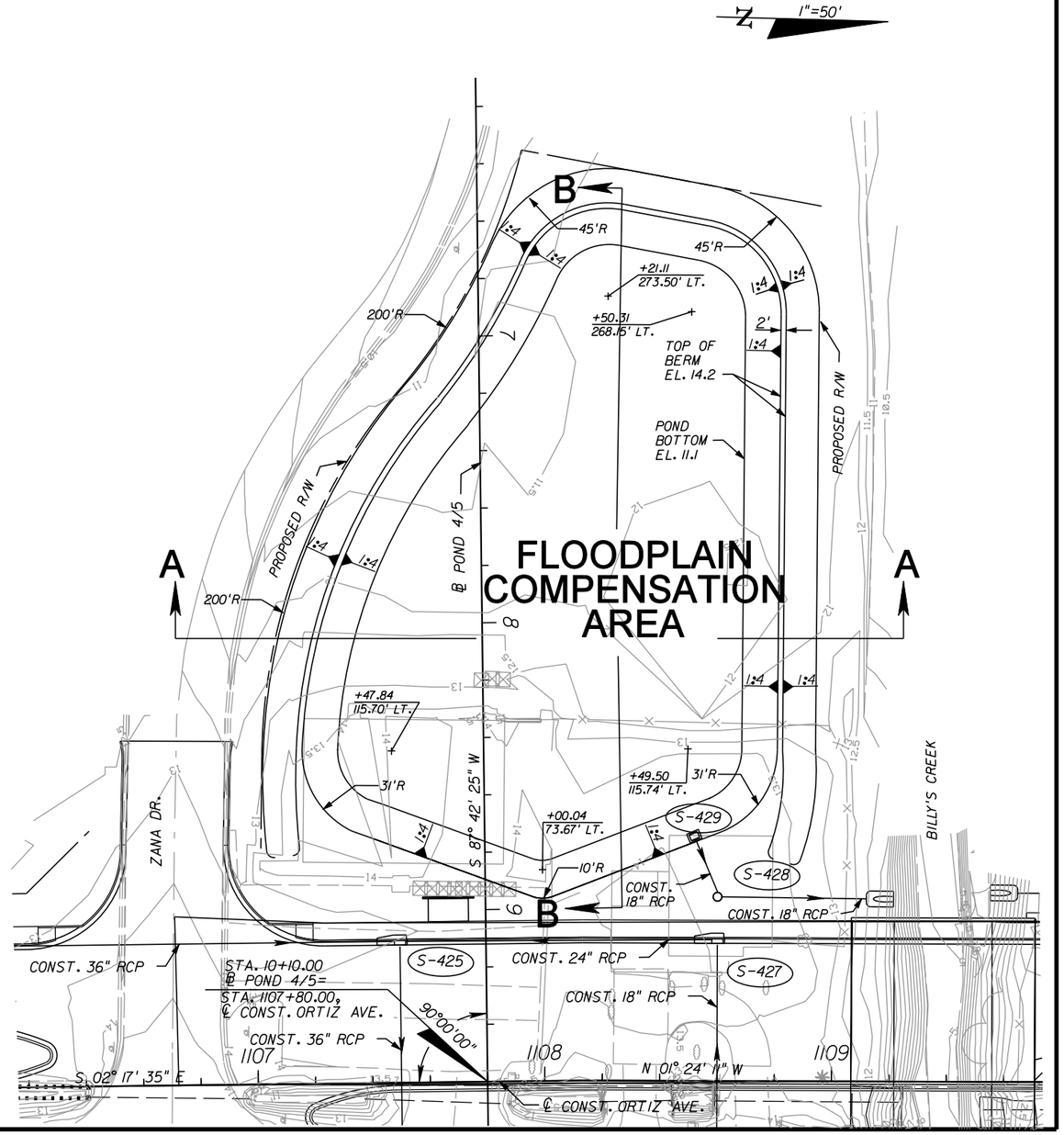
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SECTION B-B
NTS




SECTION A-A
NTS




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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CERTIFICATE OF AUTHORIZATION NO. 3114

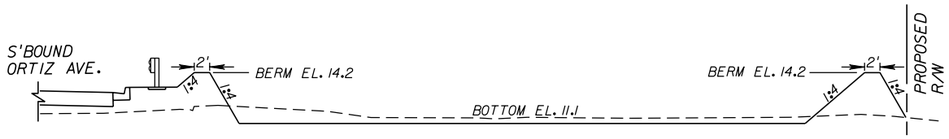

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DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


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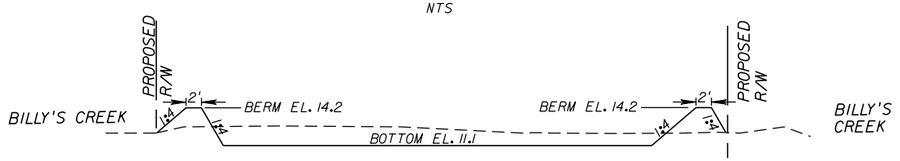

# FLOODPLAIN COMPENSATION DETAIL SHEET (1)

SHEET NO. 193

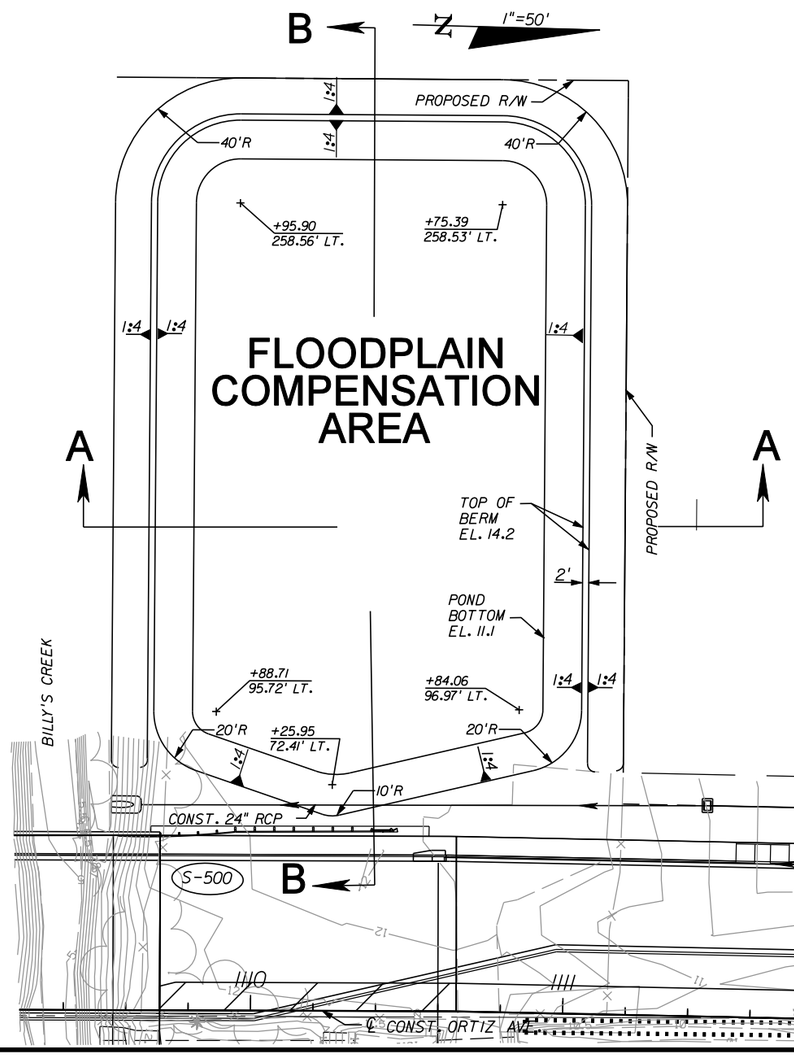

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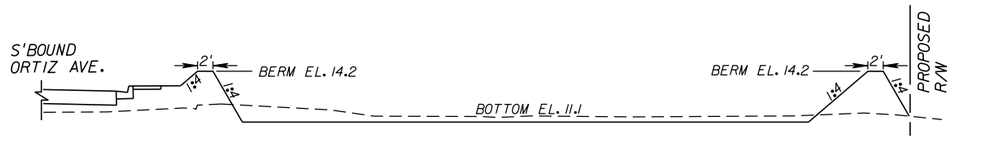



SECTION B-B
NTS

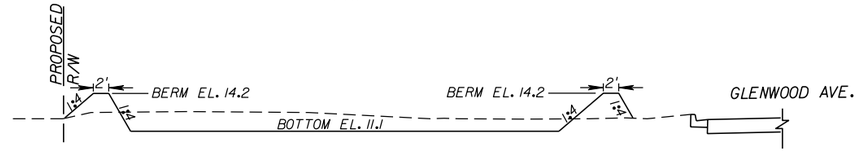



SECTION A-A
NTS

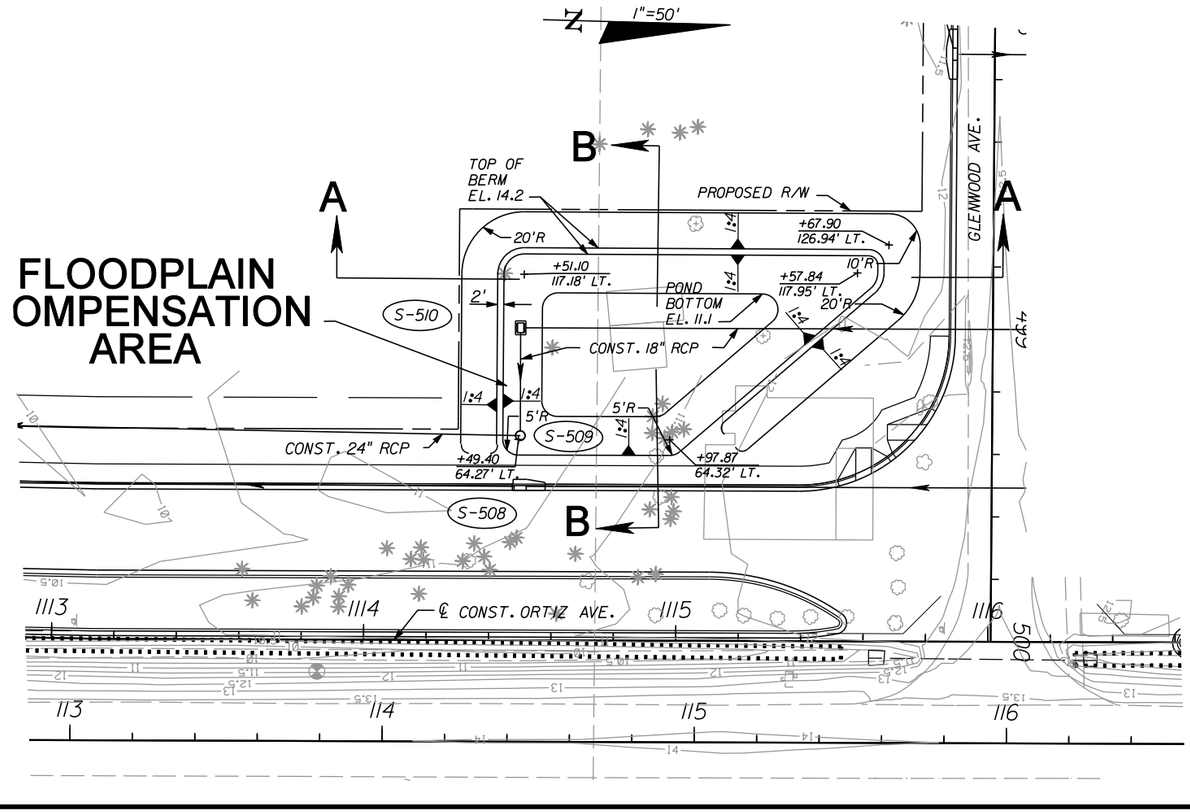



SECTION B-B
NTS




SECTION A-A
NTS




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

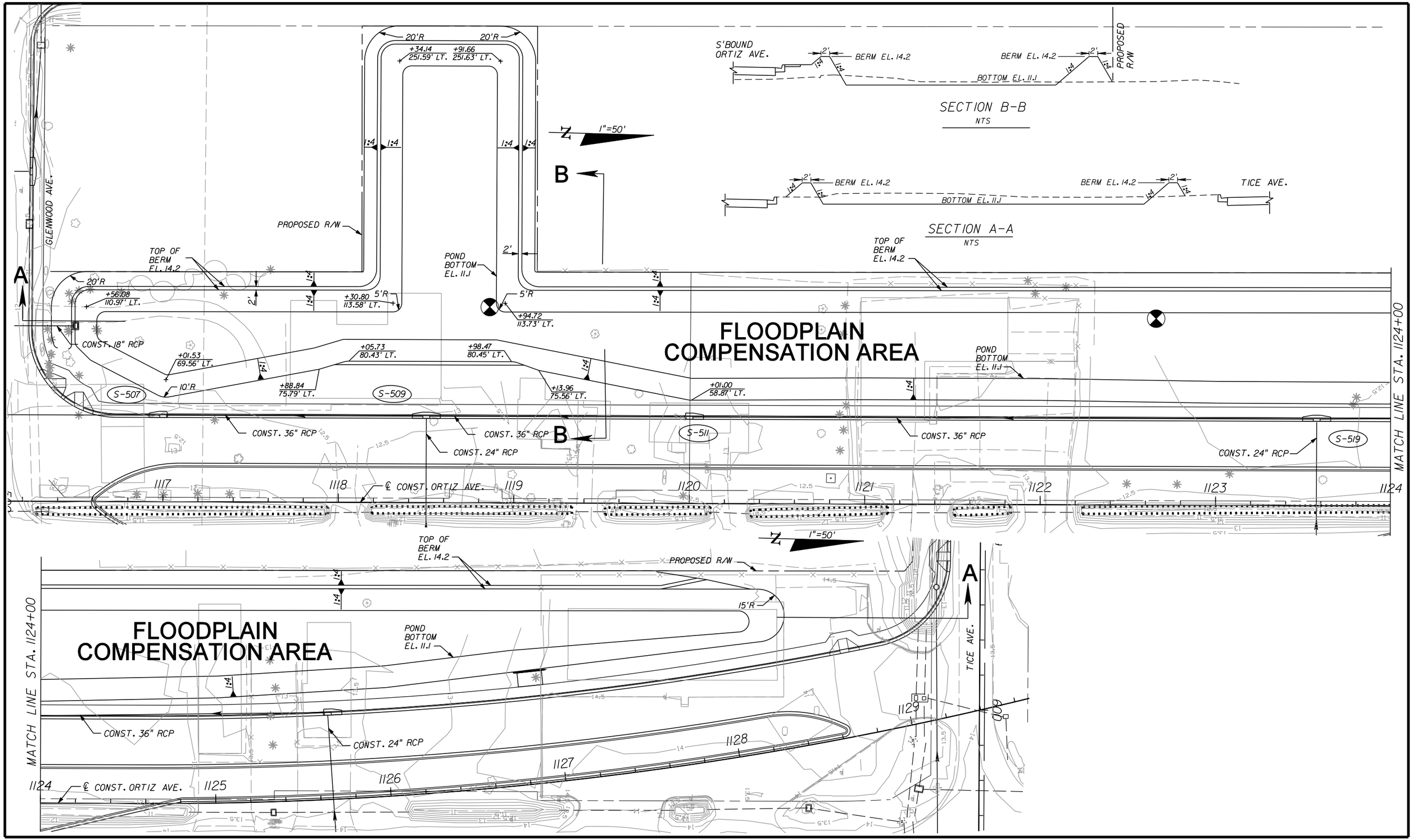
APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

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# FLOODPLAIN COMPENSATION DETAIL SHEET (2)

SHEET NO. 194

apeters
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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
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DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


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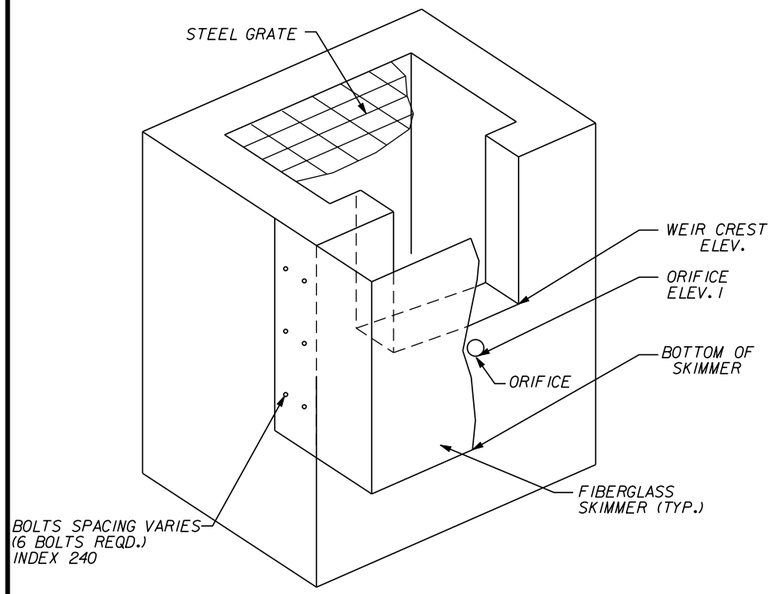

# FLOODPLAIN COMPENSATION DETAIL SHEET (3)

SHEET NO. 195

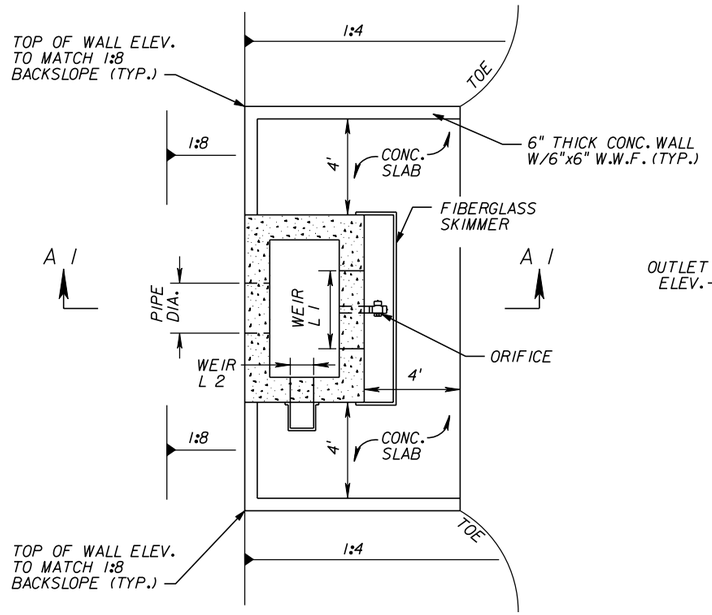
apeters

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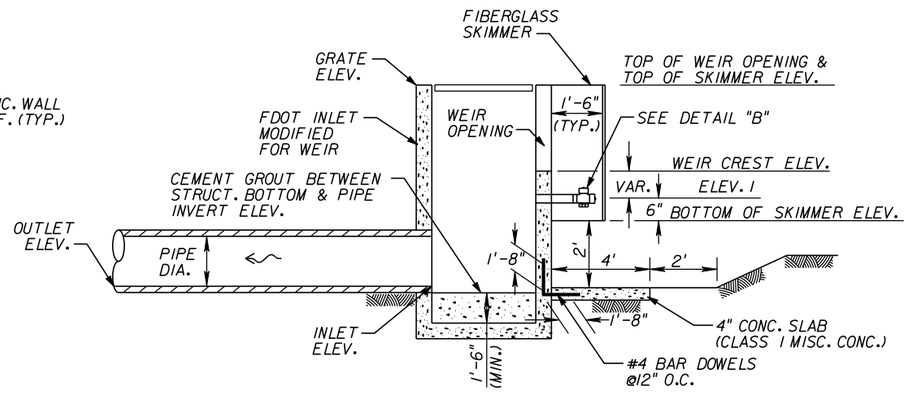
| POND NO. | INLET STATION | INLET OFFSET | REFERENCE | STRUCTURE NO. | STRUCTURE TYPE | GRATE ELEV. | WEIR CREST ELEV. | ORIFICE ELEV. I | WEIR LENGTH (IN.) L I | L 2 | TOTAL | ORIFICE DIA. (IN.) | TOP OF SKIMMER | TOP OF WEIR | BOTTOM OF SKIMMER | CONC. SLAB ELEV. | INLET ELEV. | PIPE DIA. | PIPE LENGTH (FT.) | OUTLET TYPE | OUTLET ELEV. | OUTFALL STATION | OUTFALL OFFSET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I | 12+40.00 | 56.70' LT. | ℄ POND I | S-115 | D (MOD.) | 20.50 | 19.70 | 19.00 | 29 | - | 29 | 3.0 | 20.50 | 20.50 | 18.50 | 16.50 | 17.7 | 18" | 22 | MES | 17.6 | 12+40.00 | 30.19' LT. |
| 2 | 213+11.50 | 106.30' LT. | ℄ LAREDO AVE. | S-247 | D (MOD.) | 20.60 | 19.70 | 18.80 | 42 | - | 42 | 4.0 | 20.60 | 20.60 | 18.30 | 16.30 | 18.0 | 18" | 34 | MES | 17.5 | 213+48.94 | 106.30' LT. |
| 3 | 296+23.00 | 60.65' RT. | ℄ BALLARD AVE. | S-336 | D (MOD.) | 20.20 | 19.20 | 18.20 | 48 | - | 48 | 4.0 | 20.20 | 20.20 | 17.70 | 15.70 | 16.8 | 24" | 33 | - | 16.7 | - | - |
| 4/5 | 11+94.00 | 72.50' LT. | ℄ POND 4/5 | S-534 | D (MOD.) | 12.50 | 11.50 | 11.10 | 48 | 30 | 78 | 7.0 | 12.50 | 12.50 | 10.60 | 8.60 | 8.2 | 24" | 34 | MES | 8.0 | 11+61.74 | 52.83' LT. |
| 6 | 7+10.00 | 92.40' RT. | ℄ POND 6 | S-635 | D (MOD.) | 14.70 | 13.80 | 13.30 | 30 | - | 30 | 4.0 | 14.70 | 14.70 | 12.80 | 10.80 | 10.4 | 24" | 6 | - | 10.3 | - | - |




ISOMETRIC VIEW
N.T.S.



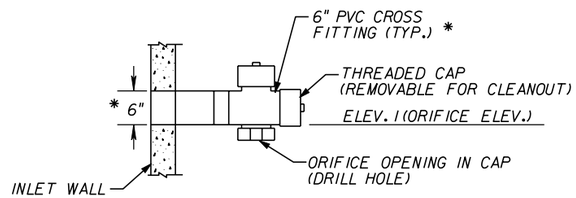

PLAN VIEW
N.T.S.




SECTION A I - A I (TYP.)
N.T.S.

NOTES:

1. COST OF FIBERGLASS SKIMMERS, CEMENT GROUT, APPURTENANCES, DOWELS, STEEL GRATE, CLASS I CONC. (MISC.), WOVEN WIRE FABRIC (W.W.F.) AND WEIRS TO BE INCLUDED IN PRICE OF MODIFIED INLET.
2. ALL MODIFIED INLET STRUCTURES TO HAVE STEEL GRATES.
3. DIMENSIONS SHOWN ARE IN INCHES AND ELEVATION IN FEET.
4. REFER TO INDEX 240 FOR SKIMMER DETAILS.
5. FOR POND 2 CONTROL STRUCTURES, WEIR L2 SHALL BE PLACED ON THE SIDE FACING AWAY FROM THE ADJOINING INLET. THE CONCRETE PAD SHALL BE EXTENDED TO INCLUDE BOTH STRUCTURES.




ORIFICE DETAIL "B"
N.T.S.

* USE 10" PVC CROSS FITTING FOR S-534 (POND 4/5)

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

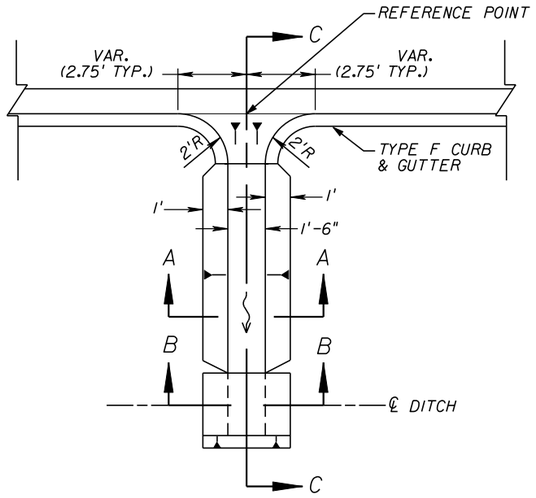
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TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

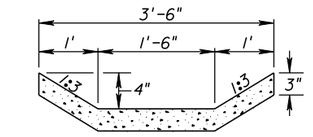
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# POND STRUCTURES DETAIL SHEET

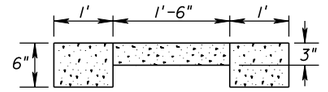
SHEET NO. 196



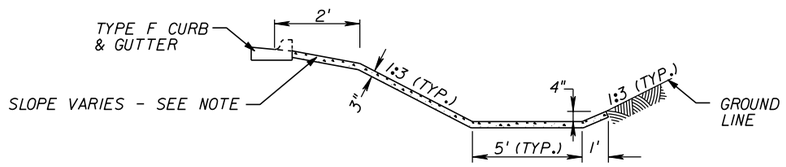

FLUME DETAIL
N.T.S.




SECTION A-A
N.T.S.




SECTION B-B
N.T.S.




SECTION C-C
N.T.S.

NOTES: CONTRACTOR TO SLOPE OPENING OF FLUME AWAY FROM BACK OF CURB TO MEET BOTTOM OF CONCRETE FLUME

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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# DRAINAGE FLUME DETAIL SHEET

SHEET NO. 197


apeters
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# LEE COUNTY
# DEPARTMENT OF TRANSPORTATION
# MATERIALS AND RESEARCH

DATE OF SURVEY : 9/22/06 and 3/29/07
SURVEY MADE BY : ALLIED ENGINEERING & TESTING, INC.
SUBMITTED BY : JEFF D'HUYVETTER

LEE COUNTY CONTRACT PROJECT : 3418
CN- 05-17 ORTIZ AVENUE FOUR LANING AND LUCKETT ROAD

DISTRICT : 1
ROAD NAME : ORTIZ AVENUE
COUNTY : LEE

## CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 1010+40 SURVEY ENDS STA. : 1146+00 ORTIZ AVENUE
SURVEY BEGINS STA. : 401+00 SURVEY ENDS STA. : 426+00 LUCKETT ROAD

| | ORGANIC CONTENT | | | SIEVE ANALYSIS RESULTS % PASS | | | | | | ATTERBERG LIMITS (%) | | | | | CORROSION TEST RESULTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRATUM NO. | NO. OF TESTS | % ORGANIC. | MOISTURE CONTENT | NO. OF TESTS | 4 MESH | 10 MESH | 40 MESH | 100 MESH | 200 MESH | NO. OF TESTS | LIQUID LIMIT | PLASTIC INDEX | AASHTO GROUP | DESCRIPTION | NO. OF TESTS | RESISTIVITY ohms om | CHLORIDE ppm | SULFATES ppm | pH |
| 1 | - | - | - | 11 | 83-100 | 31.2-100 | 28.2-58.4 | 11.8-58 | 1.4-5 | - | - | - | A-3 | Light brown to grayish brown, brown to dark brown, dark gray, fine SAND, moist to wet | - | - | - | - | - |
| 2 | - | - | - | 9 | 85.6-100 | 56.9-94 | 38.2-84.4 | 13.5-28.5 | 5.4-11.9 | - | - | - | A-2-4 | Light brown to dark grayish brown, dark gray, slightly silty SAND, moist to wet | - | - | - | - | - |
| 3 | - | - | - | 4 | 91.4-100 | 82.1-100 | 51.7-99 | 14.4-41.6 | 5.8-12 | - | - | - | A-2-4 | Light brown to grayish brown, gray, slightly clayey to clayey SAND, moist to wet | - | - | - | - | - |

EMBANKMENT AND SUBGRADE MATERIAL
STRATA BOUNDARIES ARE APPROXIMATE MAKE FINAL CHECK AFTER GRADING
▽ - WATER TABLE ENCOUNTERED
GNE - GROUND WATER NOT ENCOUNTERED.

NOTES:

Ground water was encountered at boring locations from about 2 feet to about 5 feet below existing ground level.

The material from Stratum Number 1, 2 and 3 appears satisfactory for use in the embankment when utilized in accordance with Index 505. Roots should be removed prior to placement.

The material from stratum 2 may be classified as A-3 group depending on the Atterberg Limits

The material from stratum 3 may be classified as A-2-6 group depending on the Atterberg Limits. This stratum contains isolated clay lenses.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |

ALLIED ENGINEERING AND TESTING, INC
5850 CORPORATION CIRCLE
FORT MYERS, FLORIDA 33905

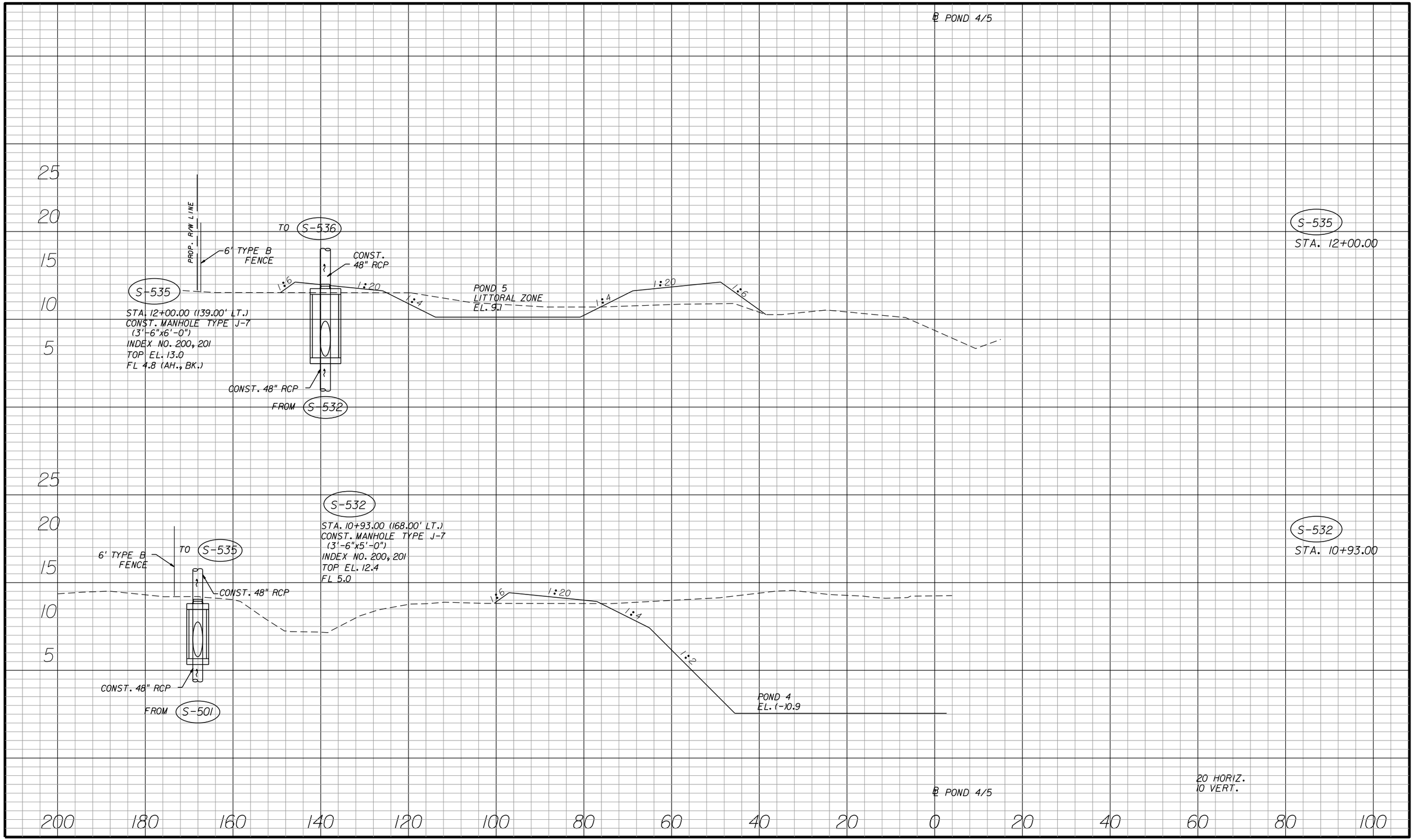
APPROVED BY:
PAUL J. D'HUYVETTER, P.E.
REGISTERED PROFESSIONAL ENGINEER
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ROADWAY SOILS SURVEY

SHEET NO. 198

apeters 10/11/2010 4:32:45 PM P:\LeeCounty_05-8974Ortiz\PlanSet\roadway\slsrrd01.dgn




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DAWN M. RATICAN, P.E.
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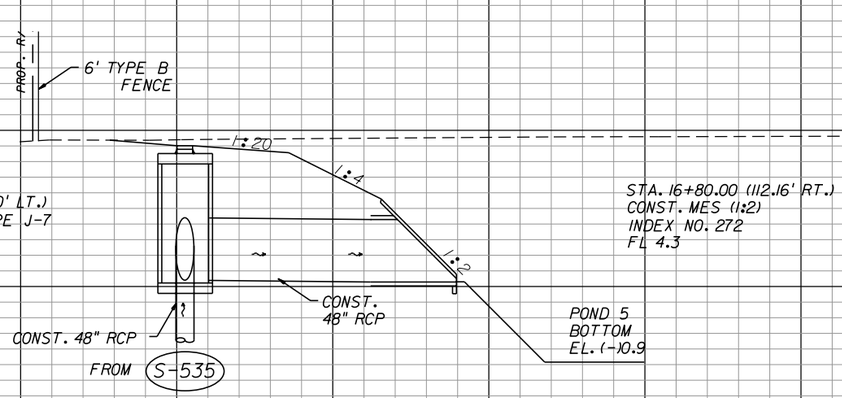

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# DRAINAGE STRUCTURES
## POND 4/5

SHEET NO. 199

apeters
10/11/2010 4:32:57 PM P:\LeeCounty_05-89740rtiz\PlanSet\roadway\drxsrdpnd.dgn

℄ POND 4/5




S-536

STA. 16+80.00 (134.50' LT.)
CONST. MANHOLE TYPE J-7 (6'-0"x6'-0")
INDEX NO. 200, 201
TOP EL. 13.0
FL 4.4

S-536

STA. 16+80.00 (112.16' RT.)
CONST. MES (1:2)
INDEX NO. 272
FL 4.3

S-536

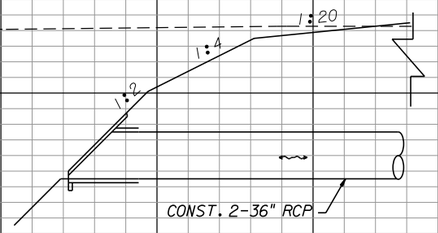
STA. 16+80.00

S-534

SEE POND STRUCTURES DETAIL SHEET

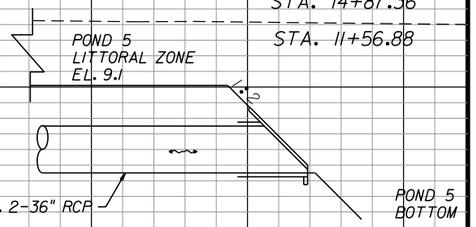
S-533

STA. 11+56.88 (86.02' RT.)
CONST. MES (1:2)
INDEX NO. 272
FL 3.5




S-533

STA. 14+87.36 (95.00' RT.)
CONST. MES (1:2)
INDEX NO. 272
FL 3.5




S-533

STA. 14+87.36

STA. 11+56.88

20 HORIZ.
10 VERT.

℄ POND 4/5

20 15 10 5 25 20 15 10 5

200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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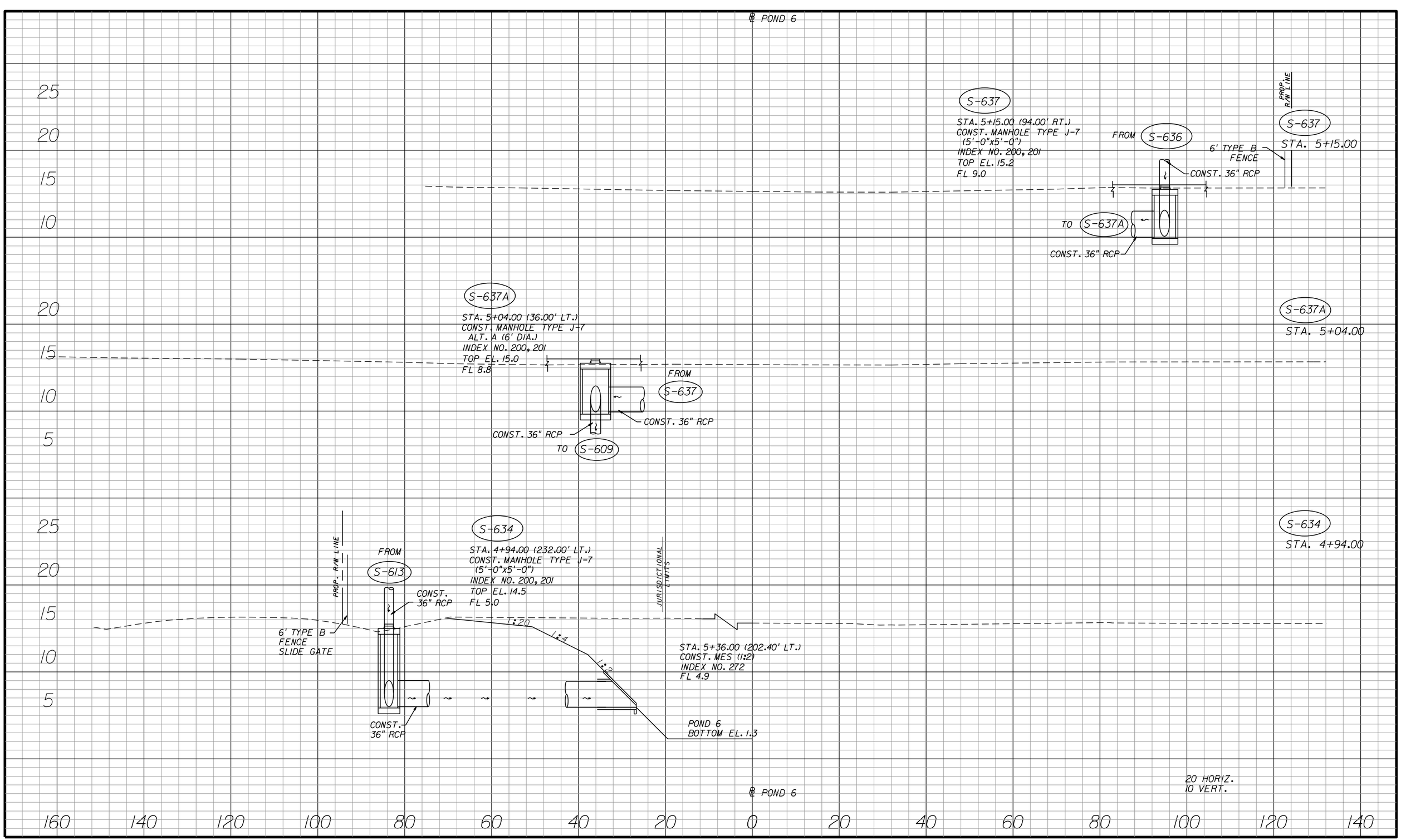

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# DRAINAGE STRUCTURES
## POND 4/5

SHEET NO.
200

apeters
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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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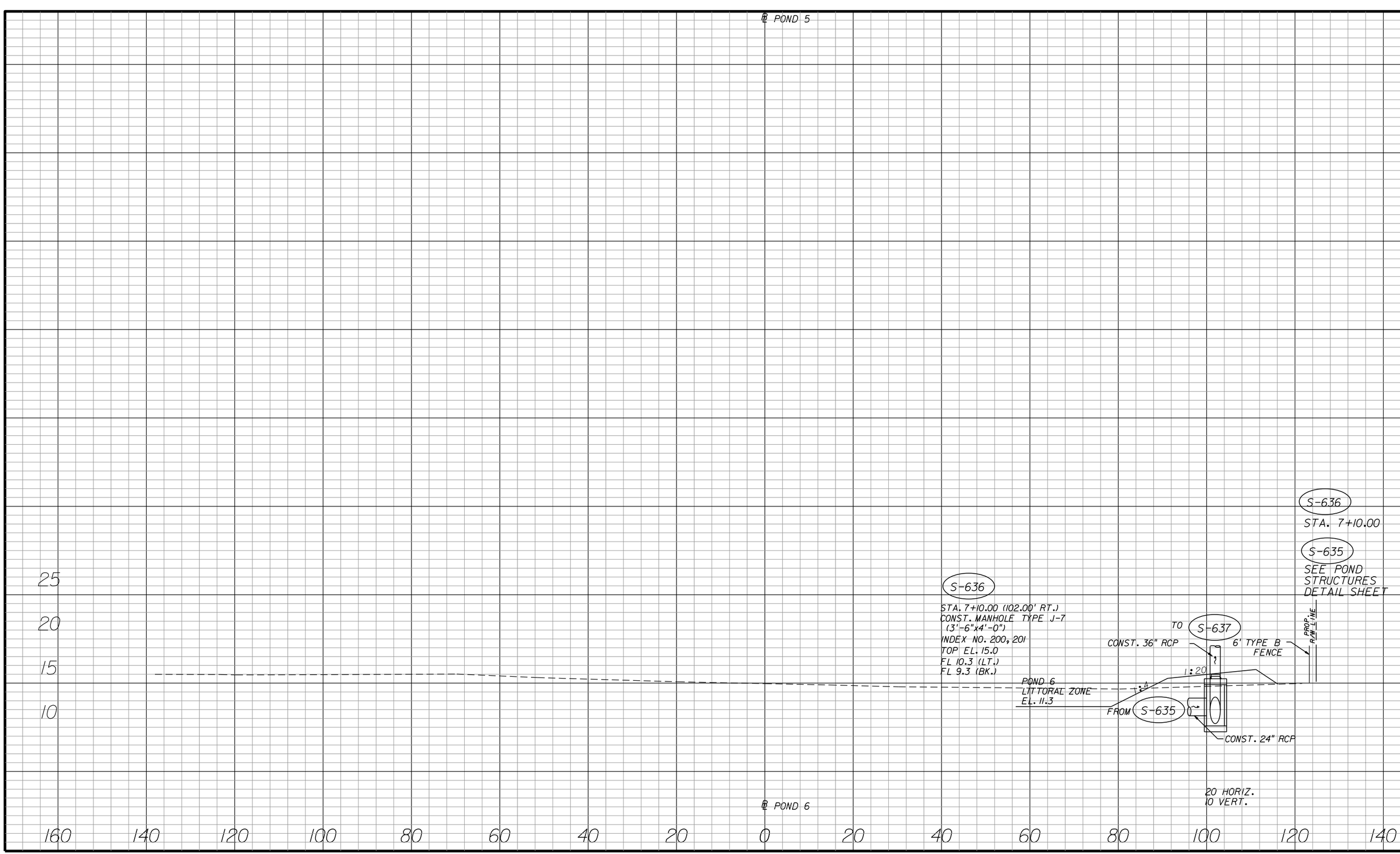

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# DRAINAGE STRUCTURES
## POND 6

SHEET NO.
201


apeters
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℄ POND 5




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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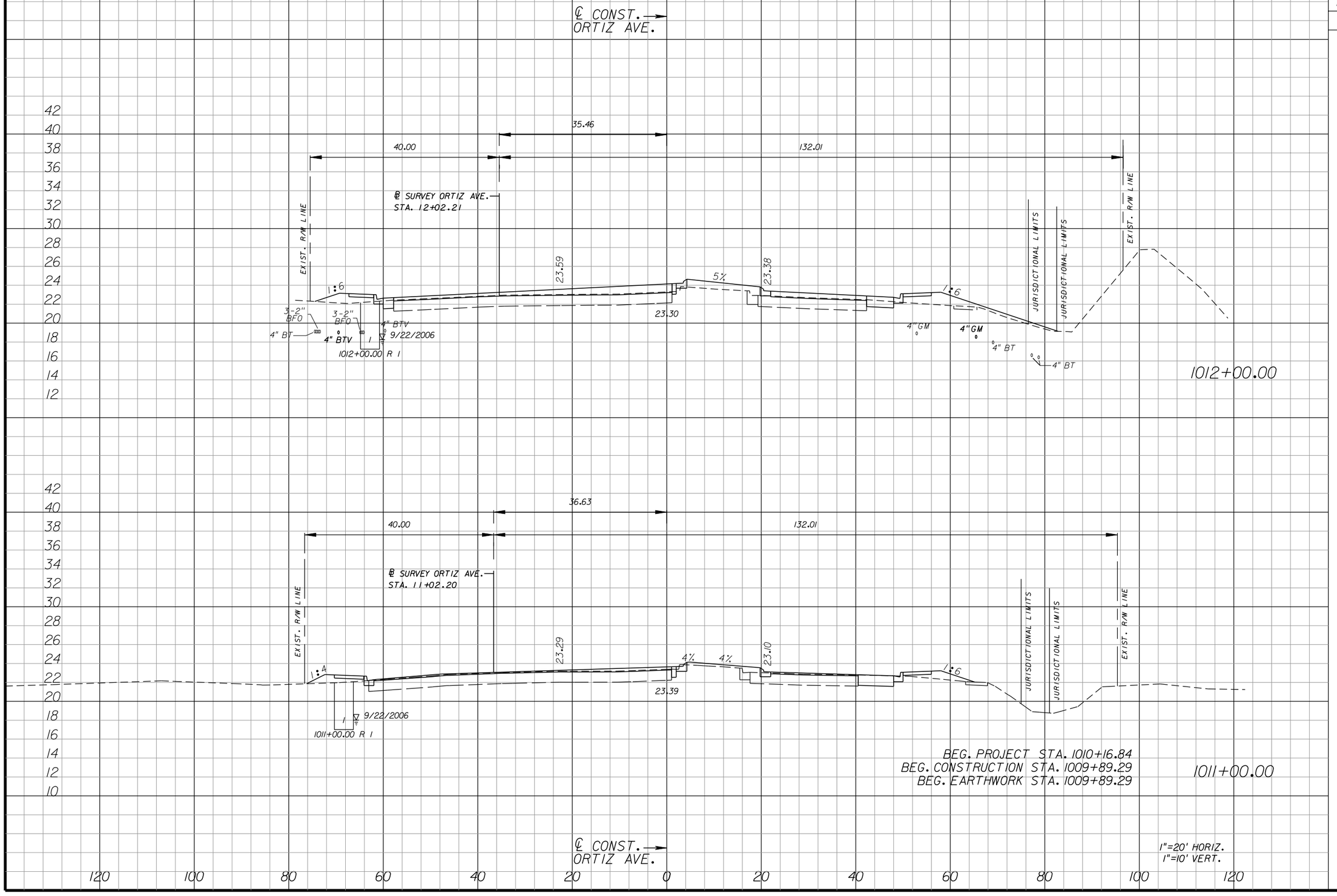

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# DRAINAGE STRUCTURES
## POND 6

SHEET NO.
202

apeters
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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 7 | | 38 | |
| | 38 | | 101 |
| 14 | | 17 | |
| | 28 | | 35 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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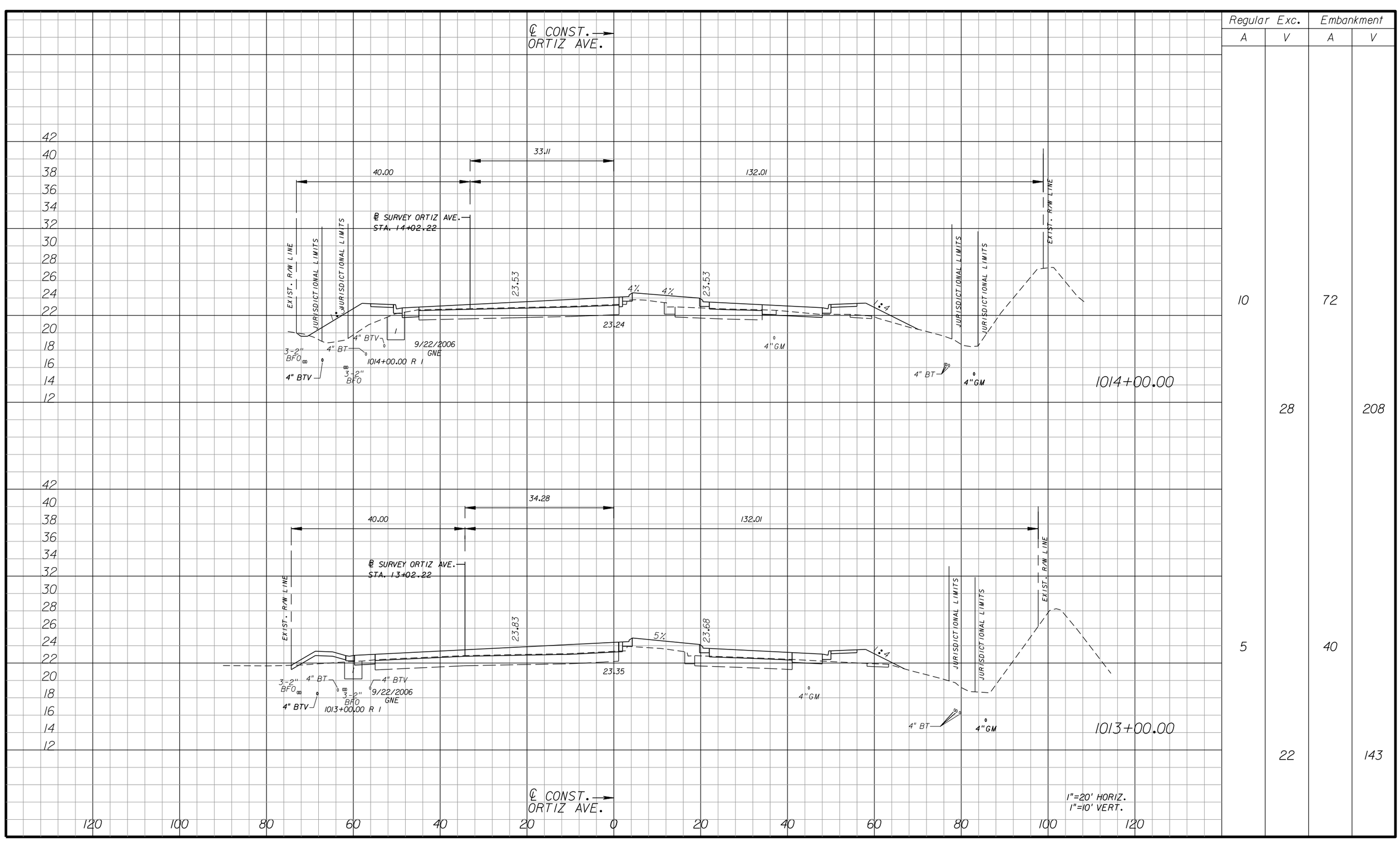
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 203

apeters 10/11/2010 4:34:43 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 10 | | 72 | |
| | 28 | | 208 |
| 5 | | 40 | |
| | 22 | | 143 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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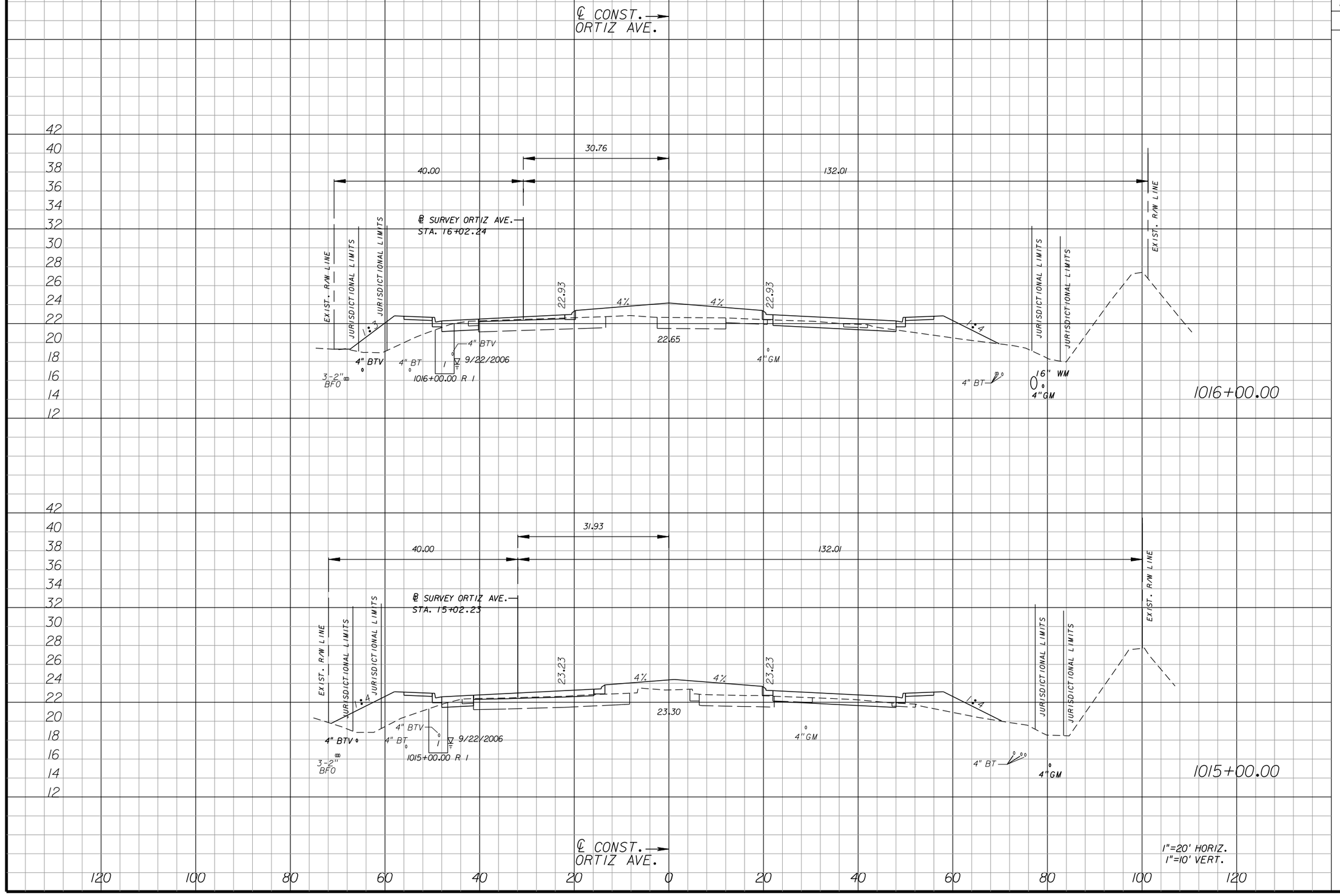

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 204

apeters

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 21 | | 107 | |
| | 73 | | 394 |
| 19 | | 106 | |
| | 54 | | 330 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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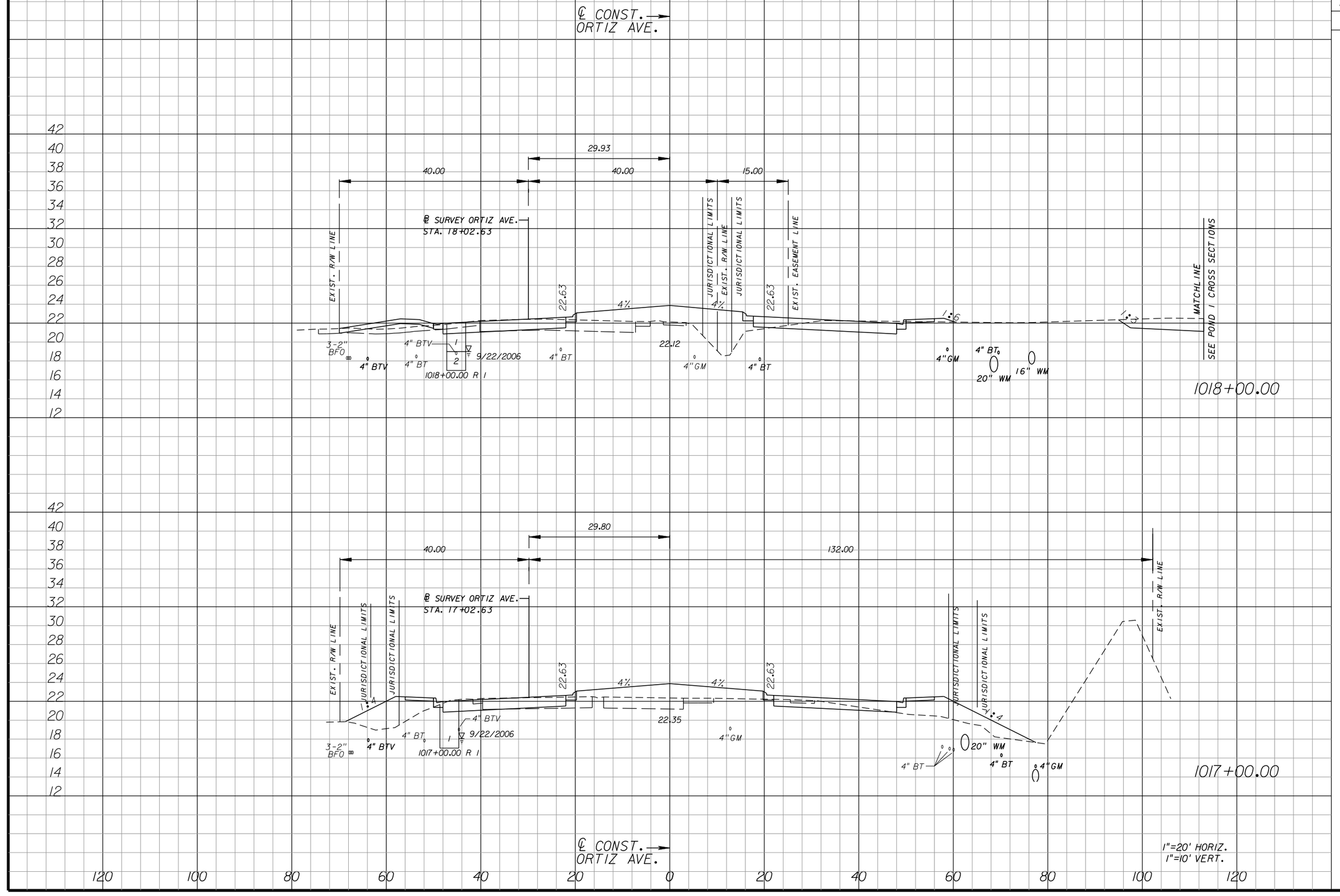

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 205

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 77 | | 79 | |
| | 224 | | 363 |
| 44 | | 117 | |
| | 119 | | 414 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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APPROVED BY:
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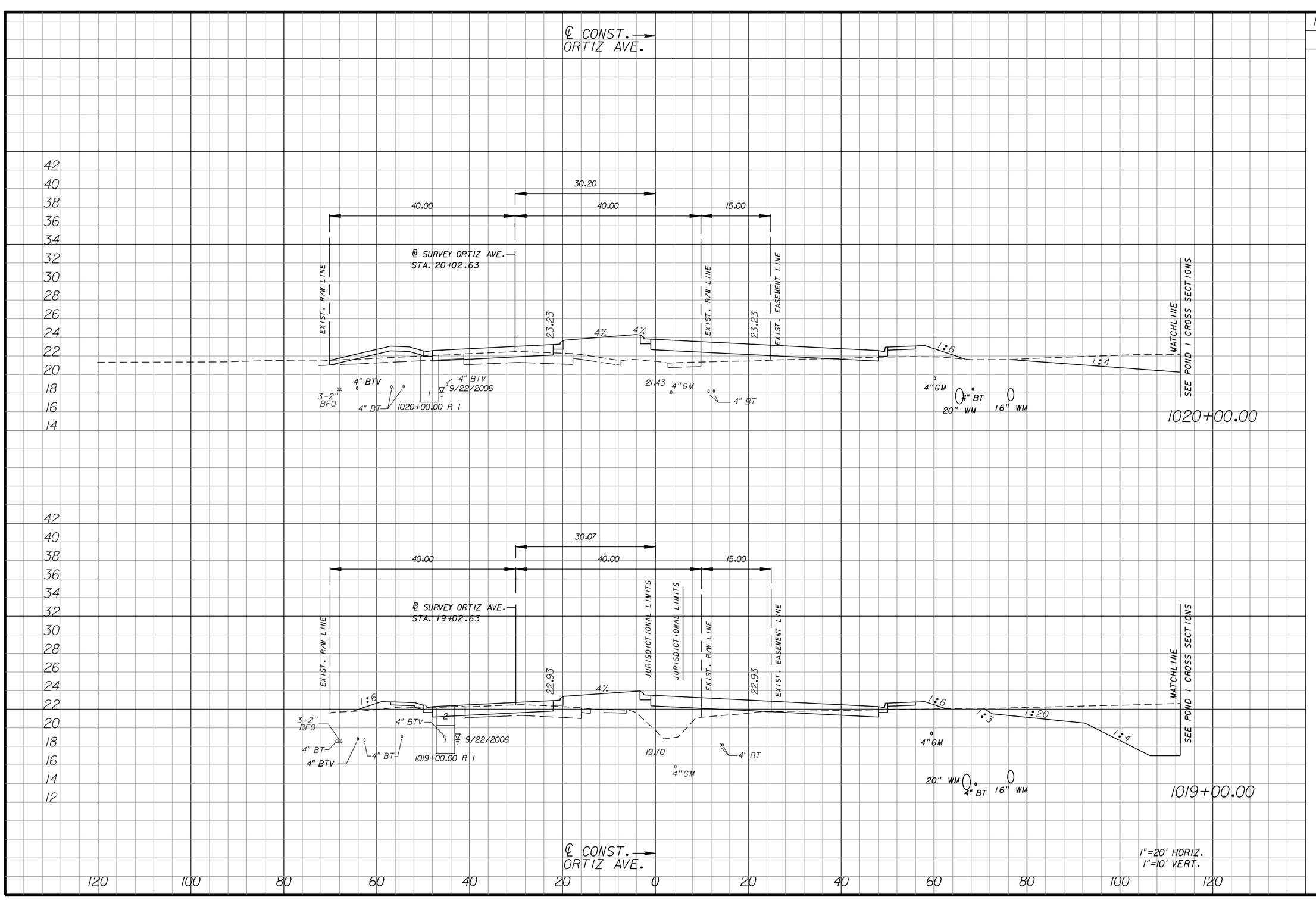

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 206

apeters
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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 55 | | 87 | |
| | 373 | | 307 |
| 146 | | 79 | |
| | 414 | | 293 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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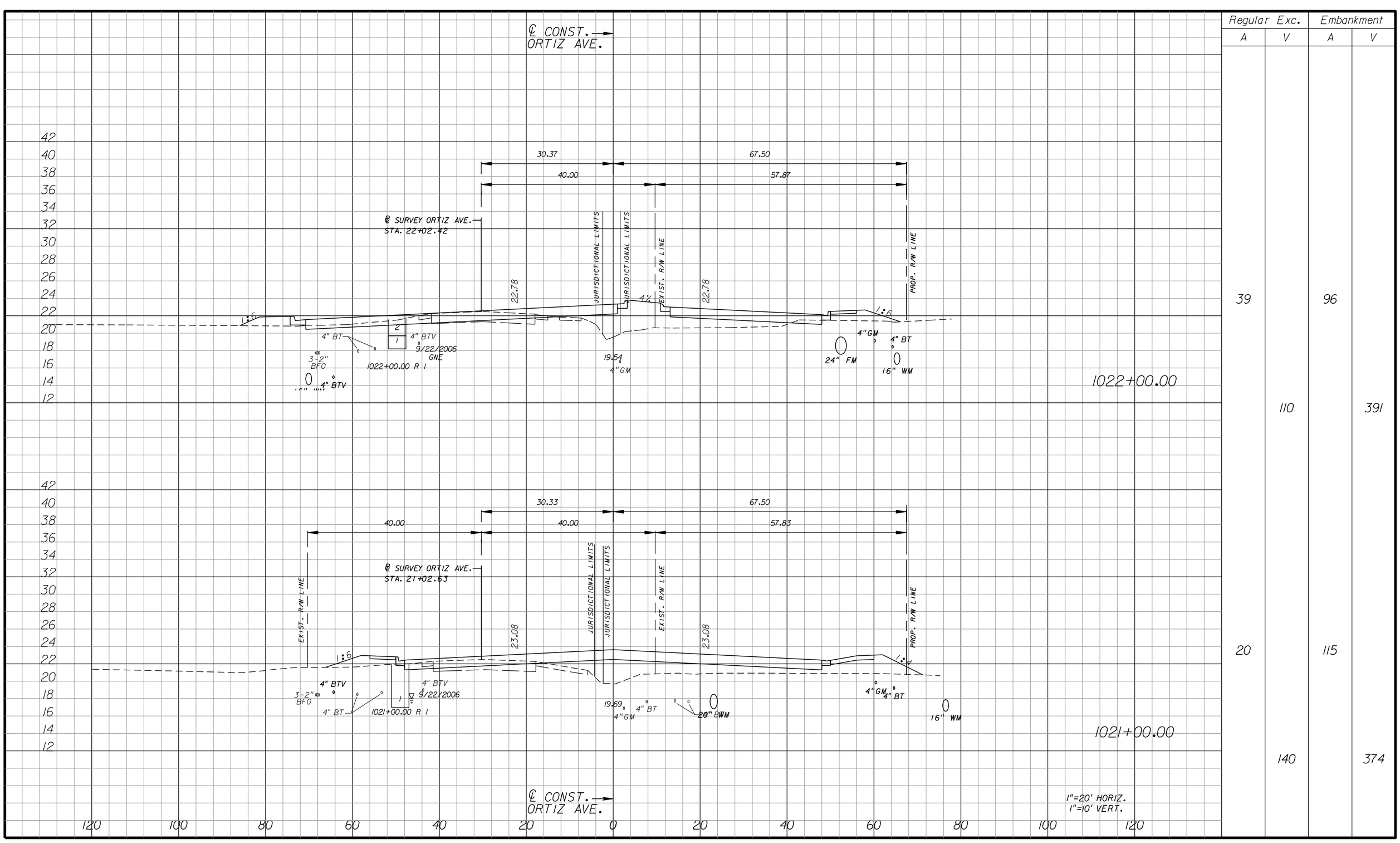

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 207

apeters

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 39 | | 96 | |
| | 110 | | 391 |
| 20 | | 115 | |
| | 140 | | 374 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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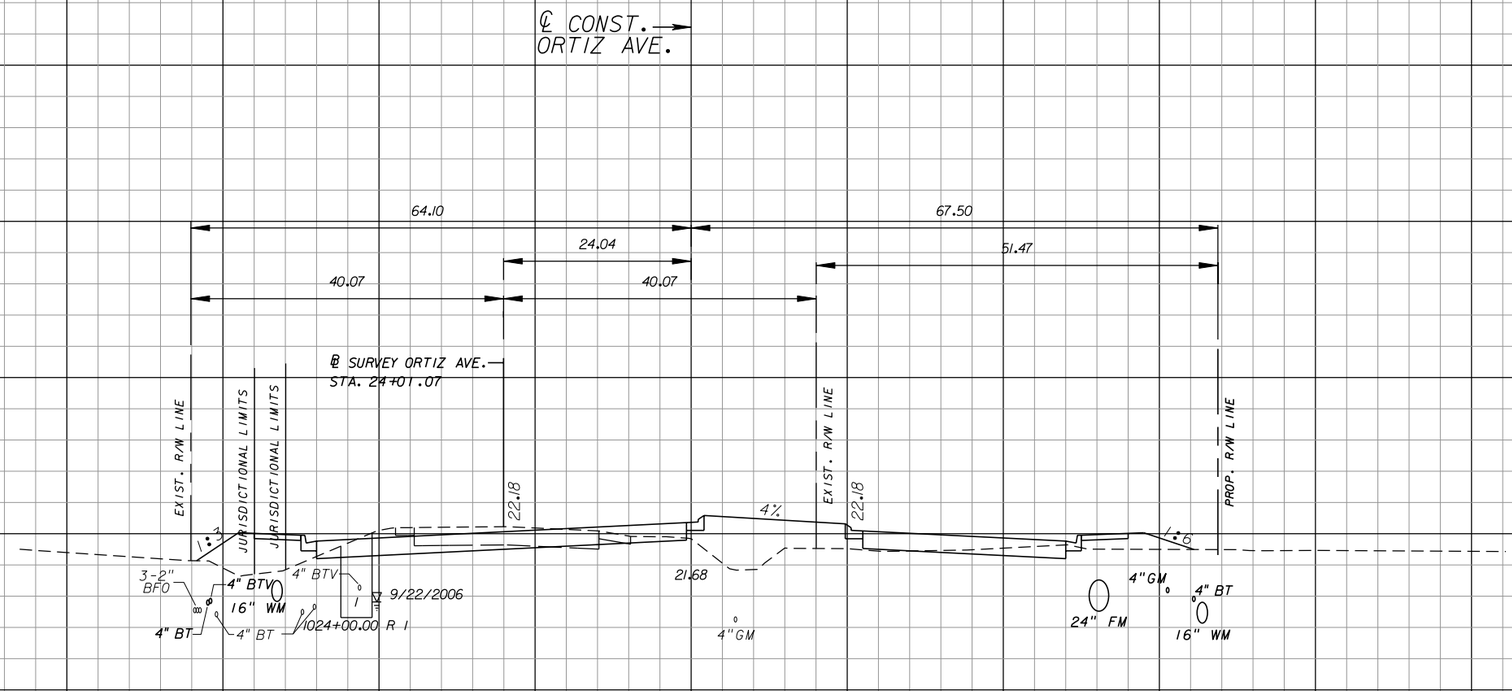

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 208

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 60 | | 83 | |
| | 189 | | 472 |
| 42 | | 172 | |
| | 150 | | 496 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |

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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

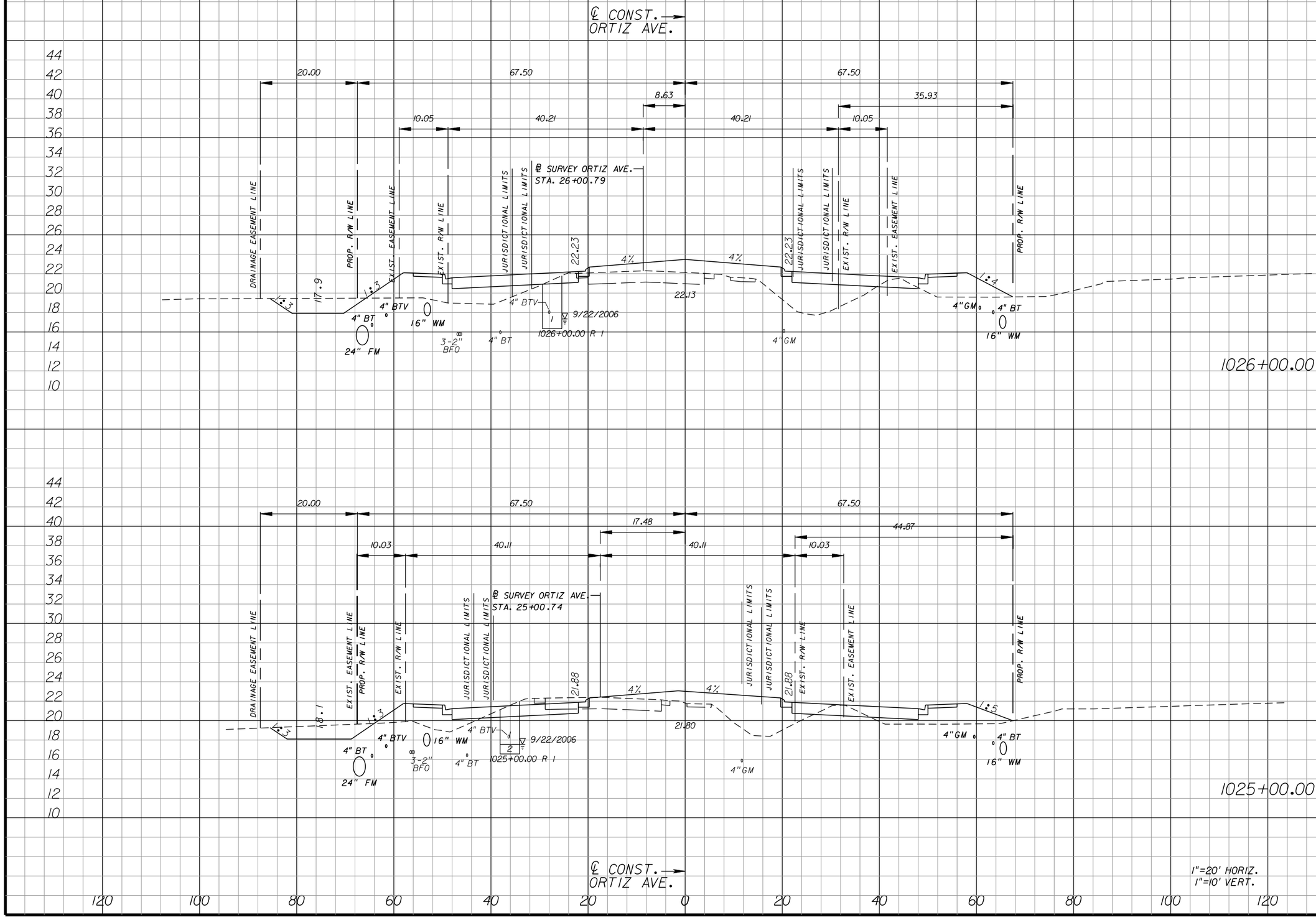
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 209

apeters
10/11/2010 4:34:59 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 29 | | 170 | |
| | 158 | | 514 |
| 56 | | 108 | |
| | 216 | | 354 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

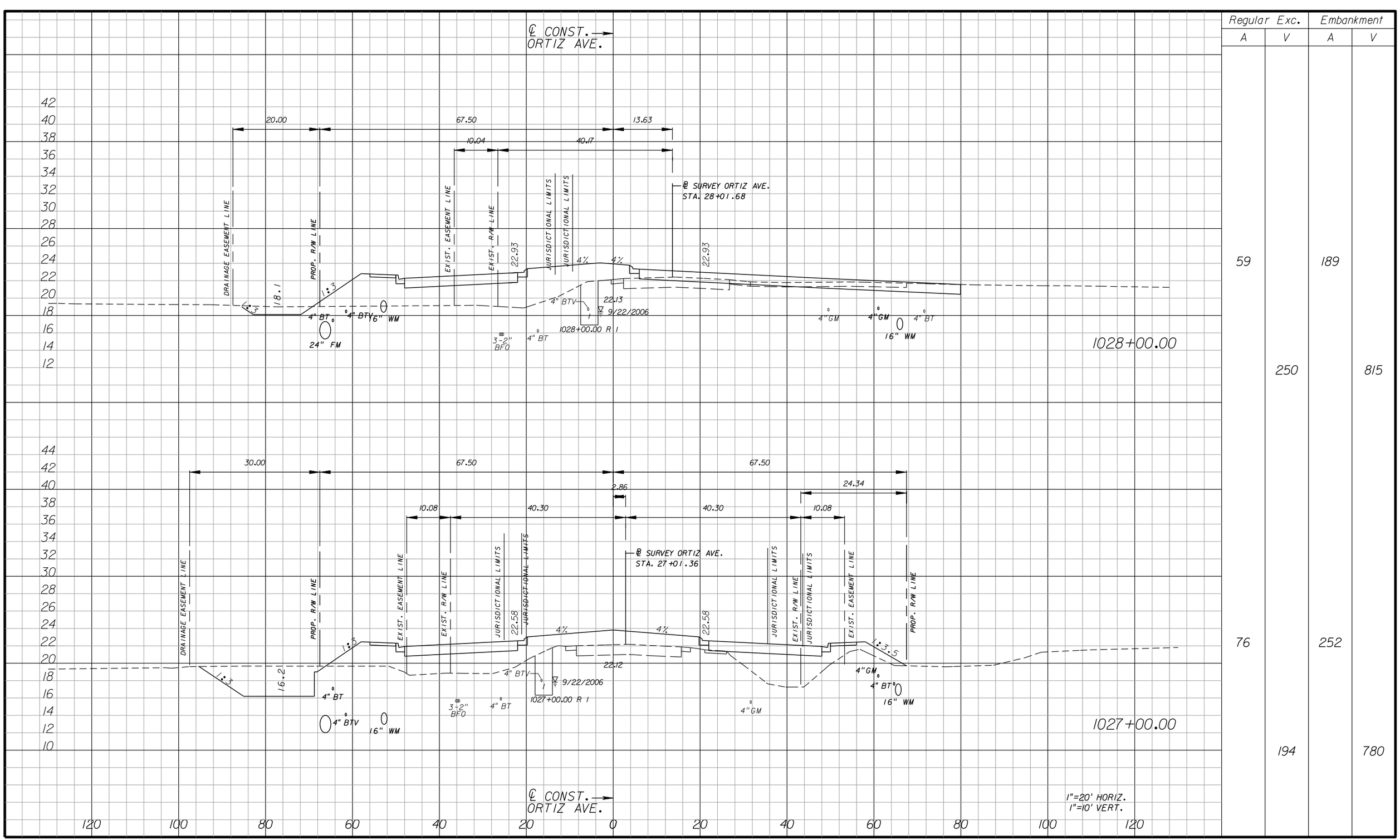

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DEPARTMENT of TRANSPORTATION
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FORT MYERS, FLORIDA 33901
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 210

apeters 10/11/2010 4:35:01 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 59 | | 189 | |
| | 250 | | 815 |
| 76 | | 252 | |
| | 194 | | 780 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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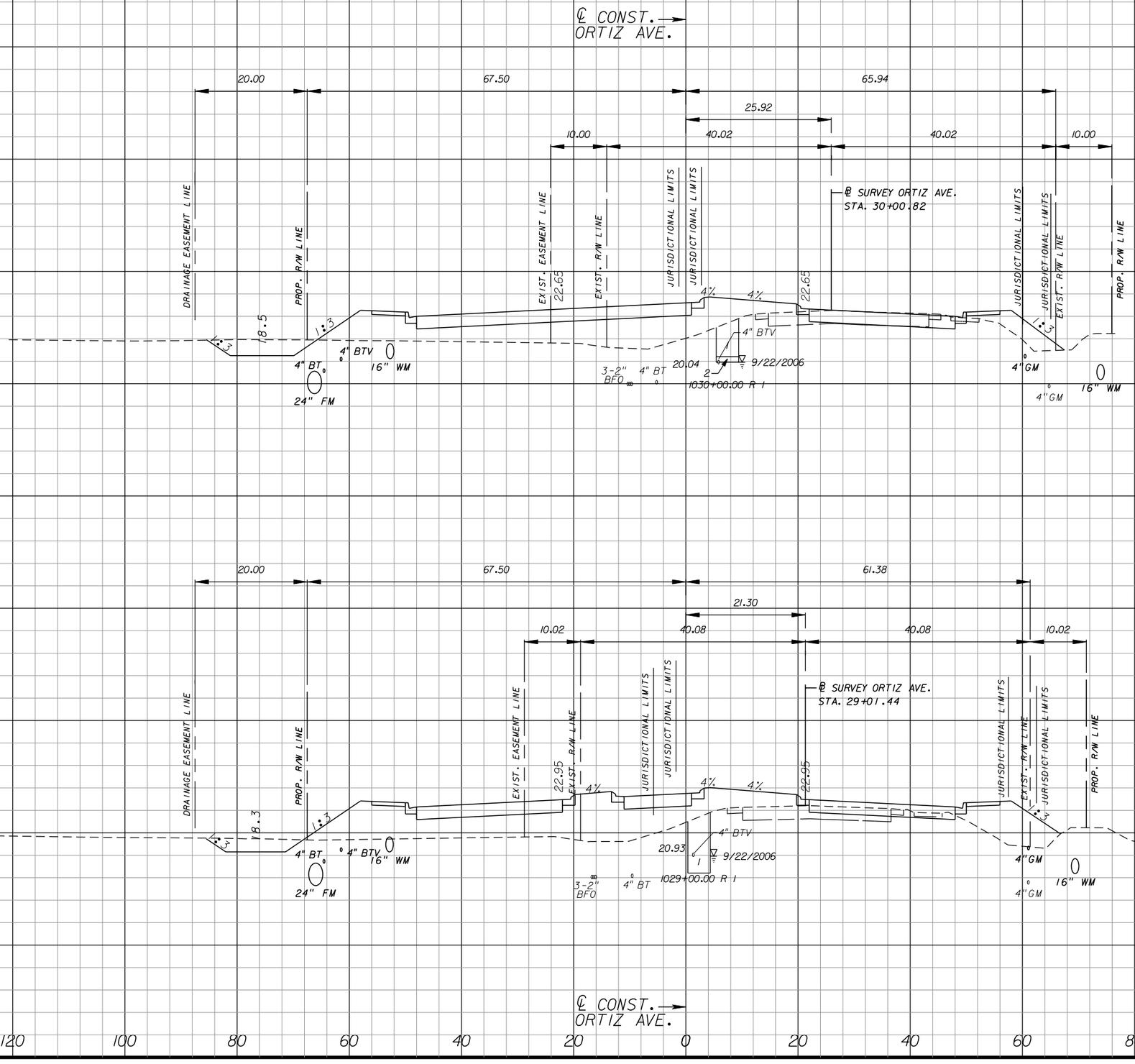

apeters

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 211

10/11/2010 4:35:05 PM P:\LeeCounty_05-8974Ortiz\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 53 | 177 | | |
| | 157 | | 768 |
| 32 | 238 | | |
| | 168 | | 789 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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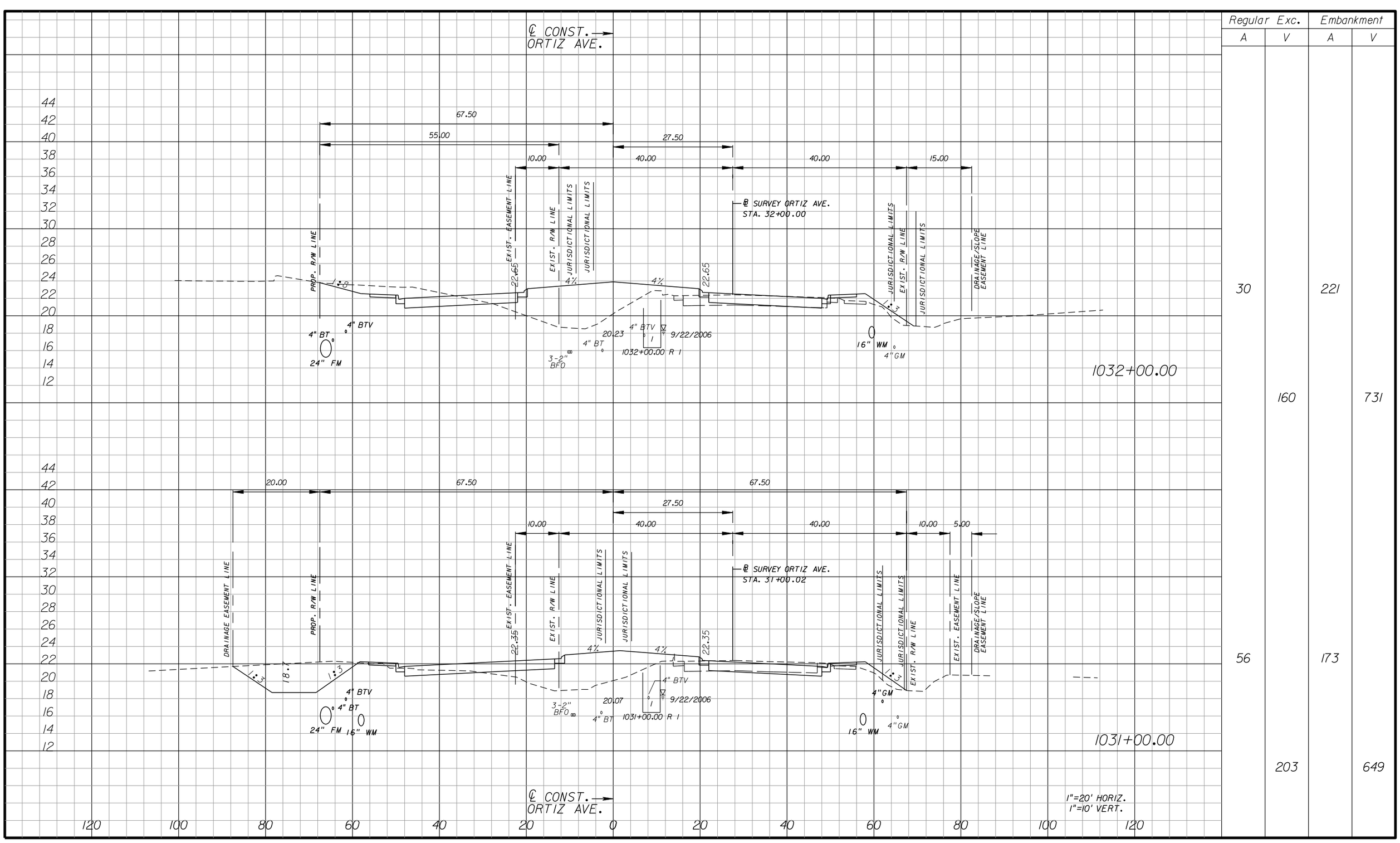

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 212

apeters 10/11/2010 4:35:09 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 30 | | 221 | |
| | 160 | | 731 |
| 56 | | 173 | |
| | 203 | | 649 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

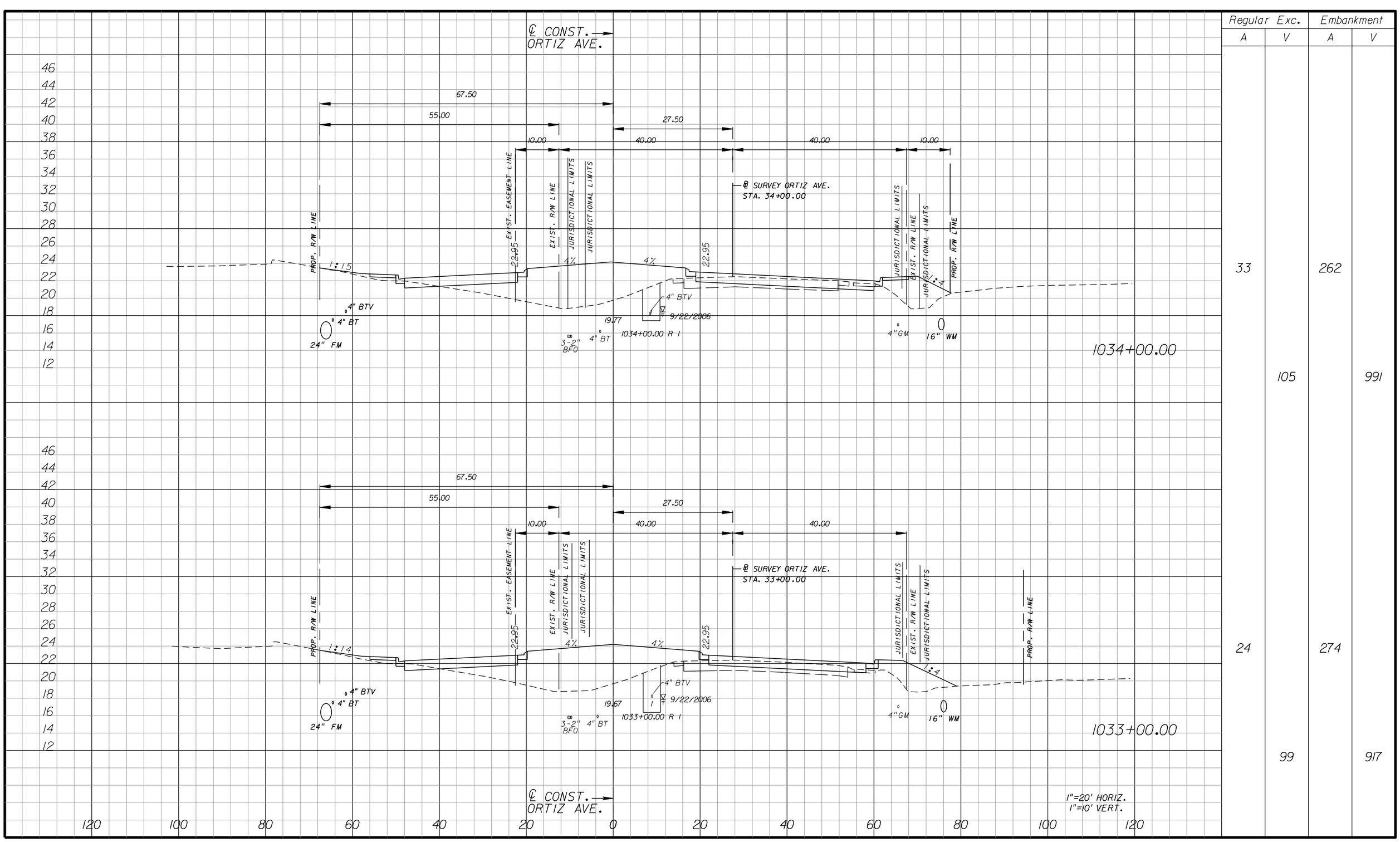

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DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 213

apeters 10/11/2010 4:35:14 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 1034+00.00 | 33 | 105 | 262 | 991 |
| 1033+00.00 | 24 | 99 | 274 | 917 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274

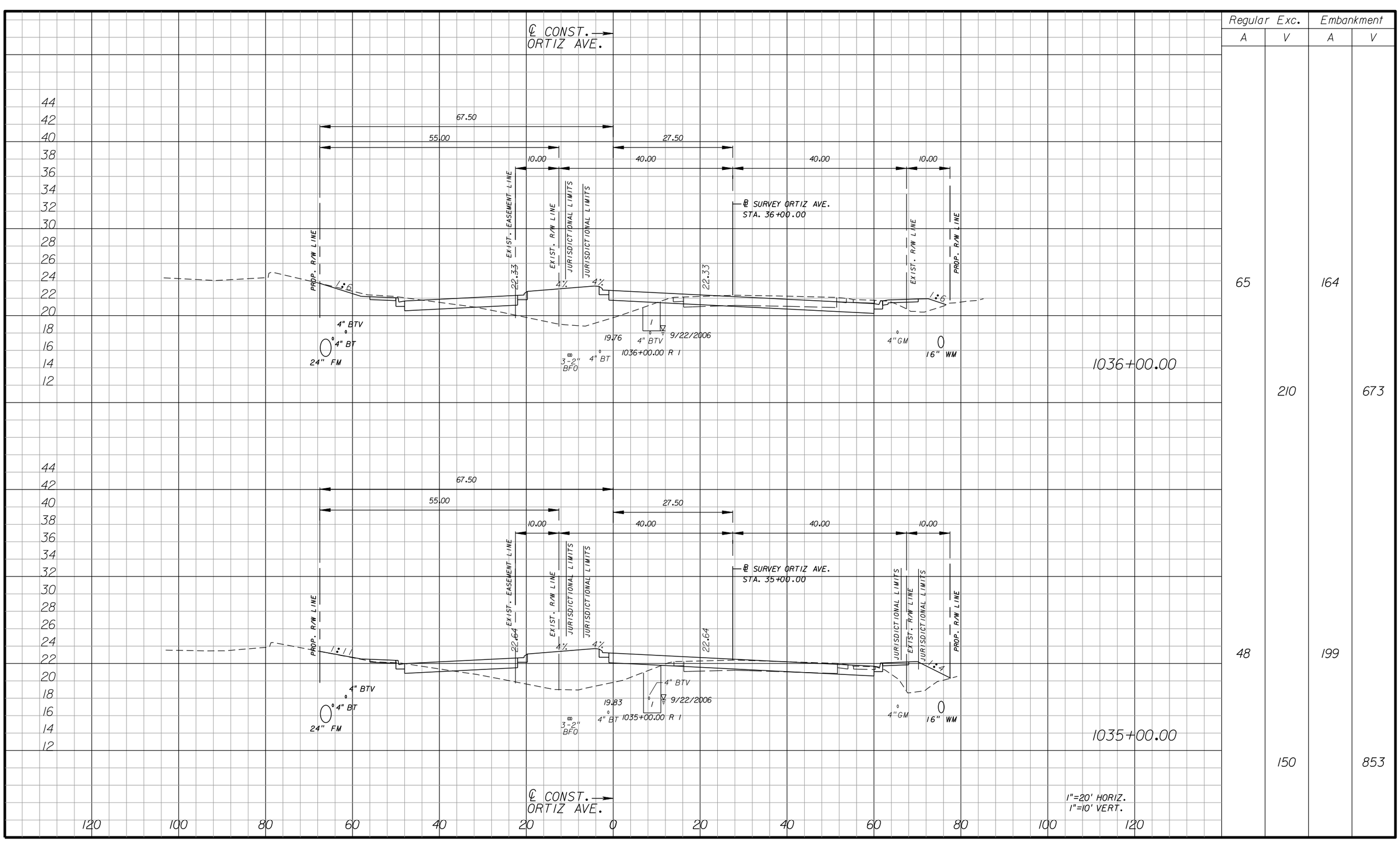
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SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 214

apeters 10/11/2010 4:35:20 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 65 | | 164 | |
| | 210 | | 673 |
| 48 | | 199 | |
| | 150 | | 853 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TAMPA, FLORIDA 33610
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FLORIDA CERTIFICATE NO. 60274

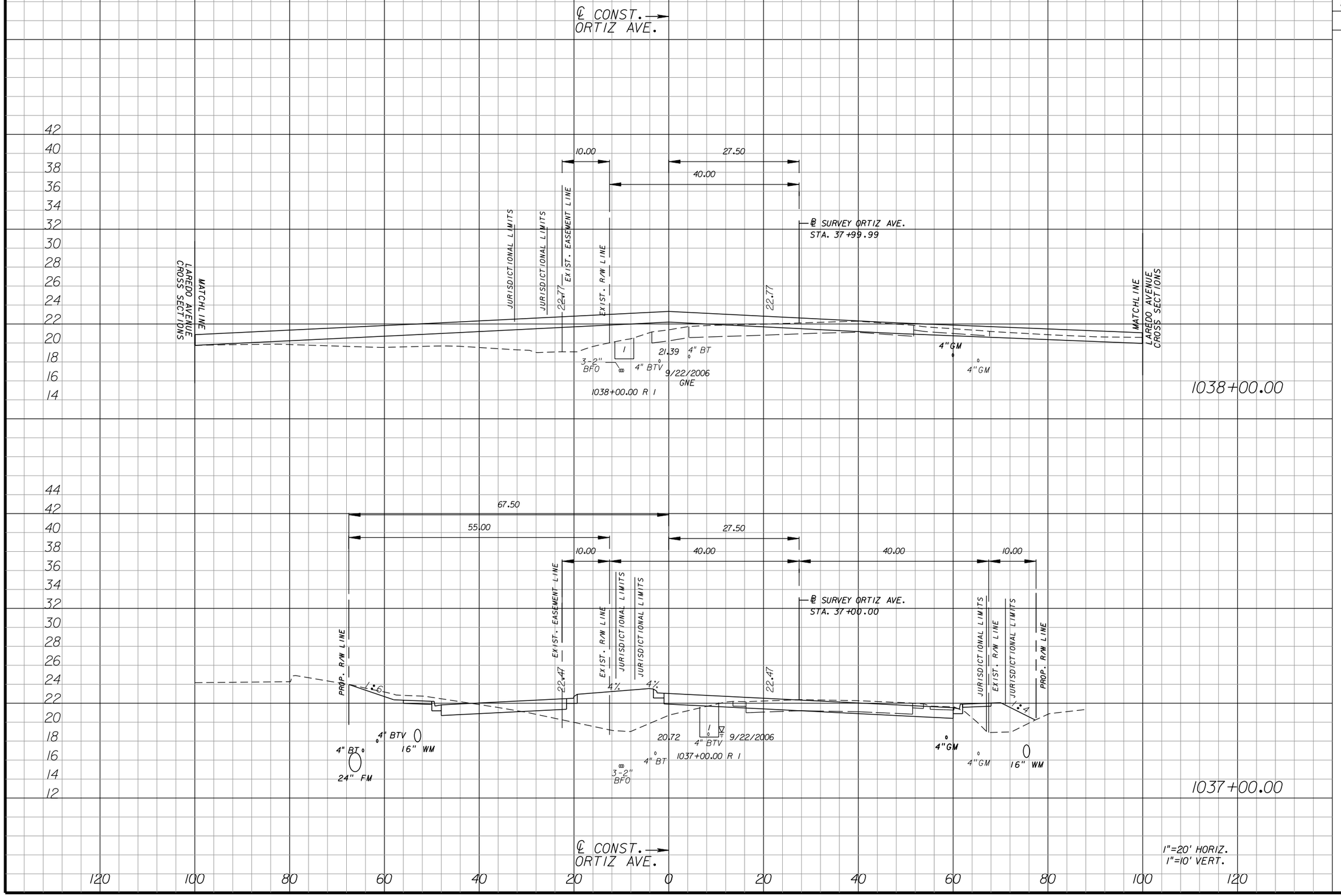

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DEPARTMENT of TRANSPORTATION
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 215

apeters 10/11/2010 4:35:26 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 1038+00.00 | 57 | | 128 | |
| | | 212 | | 581 |
| 1037+00.00 | 58 | | 185 | |
| | | 228 | | 647 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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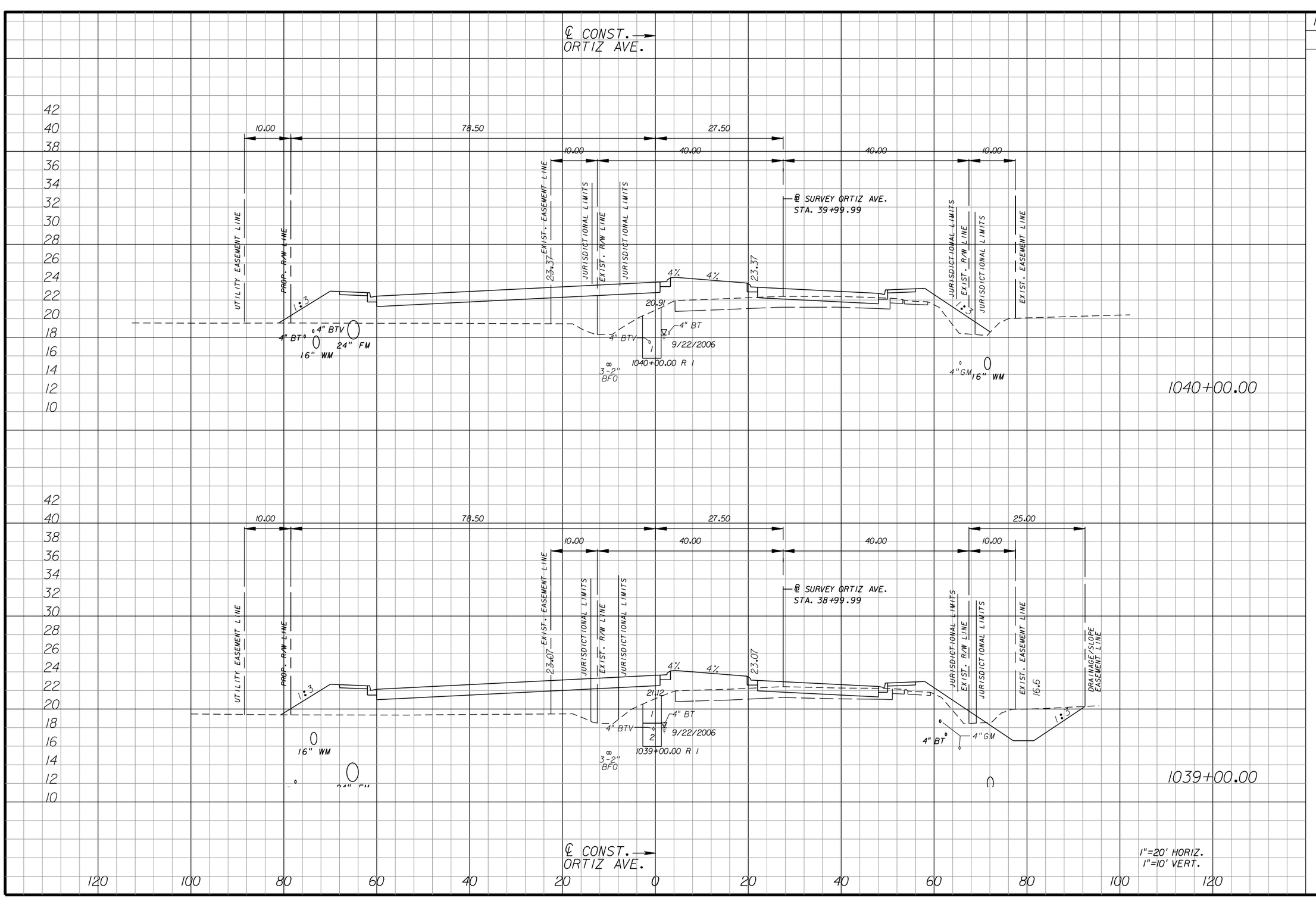

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 216

apeters 10/11/2010 4:35:33 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 12 | 137 | 278 | 957 |
| 62 | 220 | 239 | 681 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


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FLORIDA CERTIFICATE NO. 60274

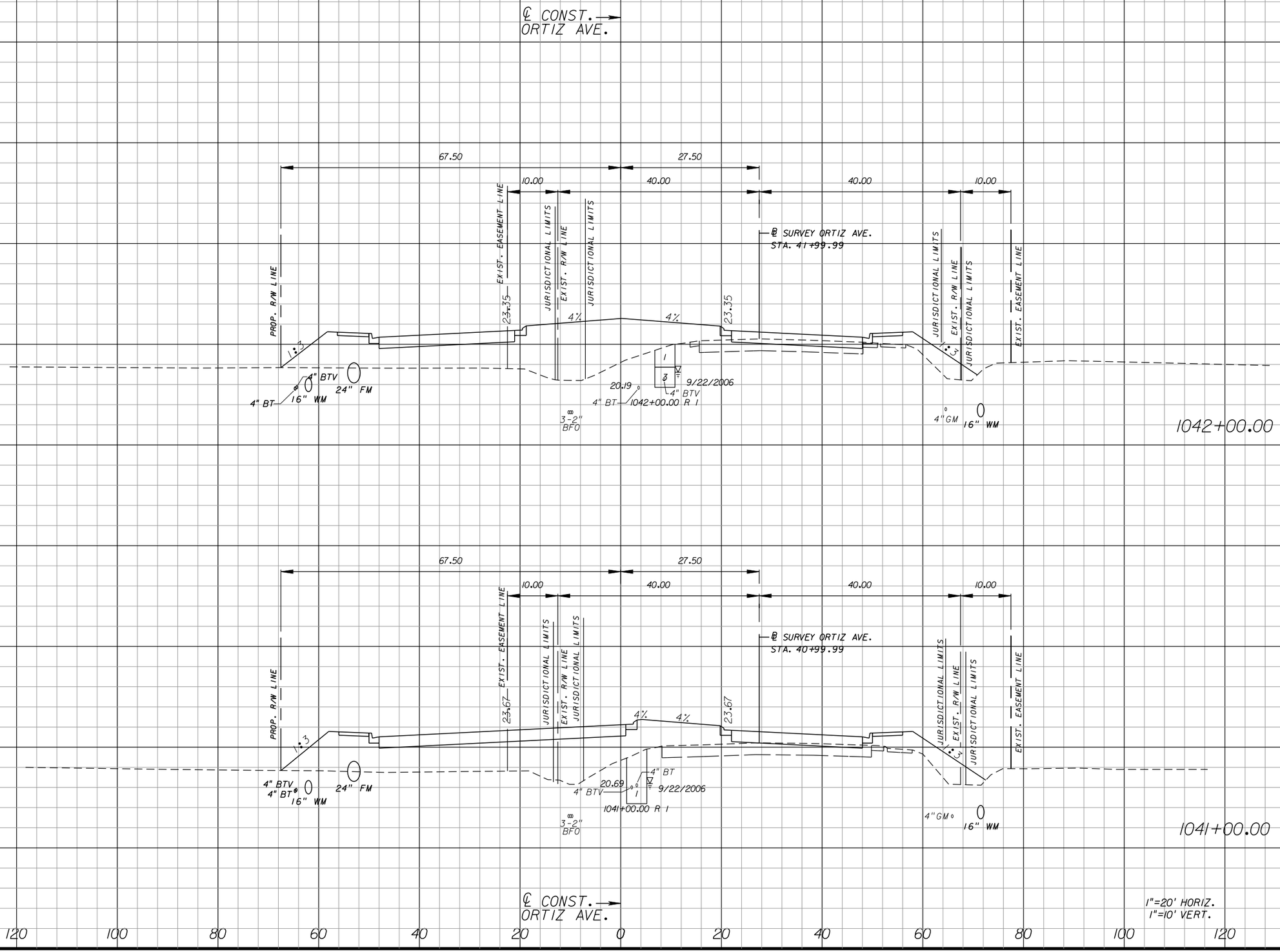

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DEPARTMENT of TRANSPORTATION


# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 217

apeters 10/11/2010 4:35:40 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 13 | | 296 | |
| | 32 | | 1085 |
| 4 | | 290 | |
| | 29 | | 1051 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

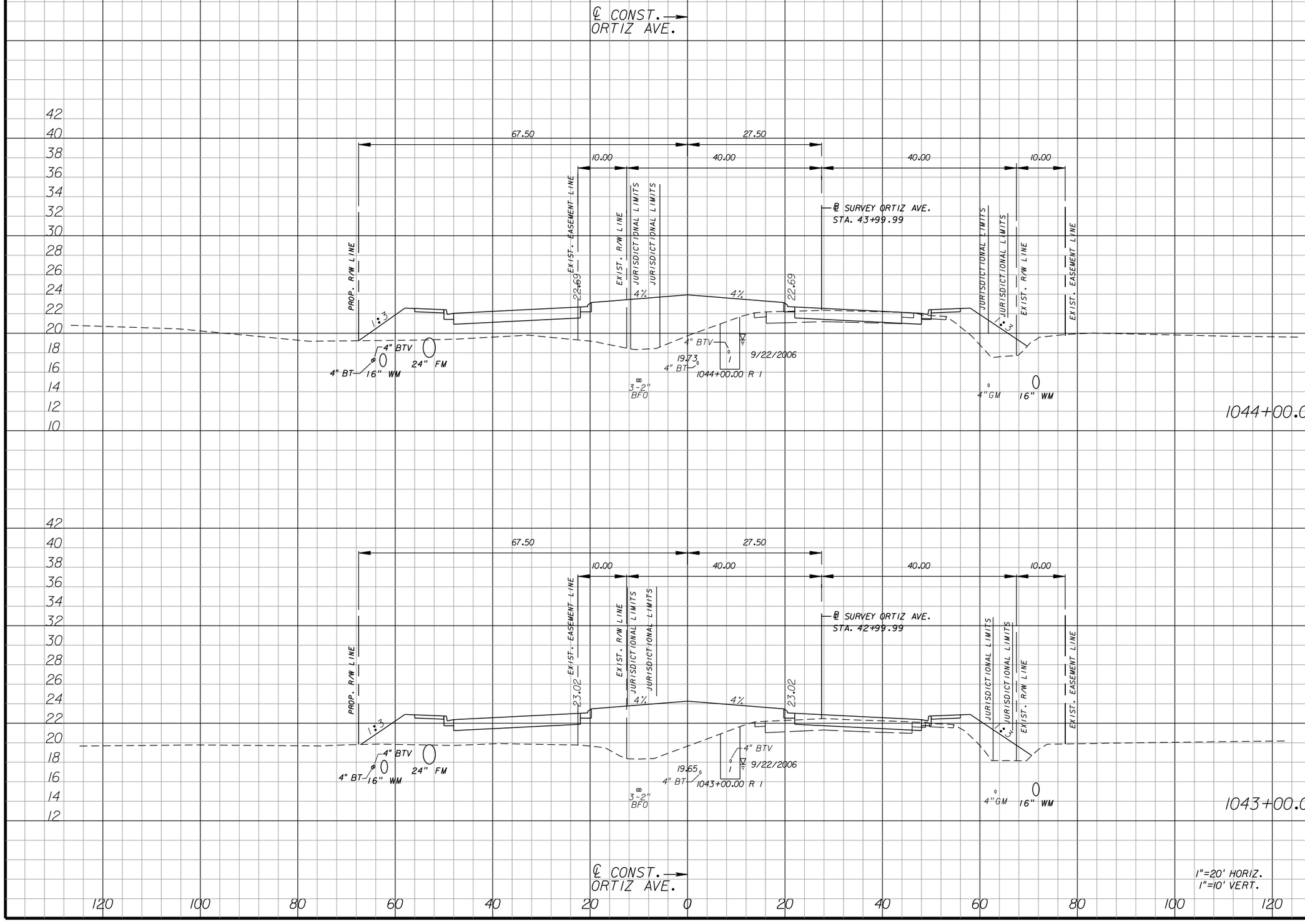

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 218

apeters 10/11/2010 4:35:46 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 27 | | 270 | |
| | 86 | | 1004 |
| 20 | | 272 | |
| | 61 | | 1052 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


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FLORIDA CERTIFICATE NO. 60274

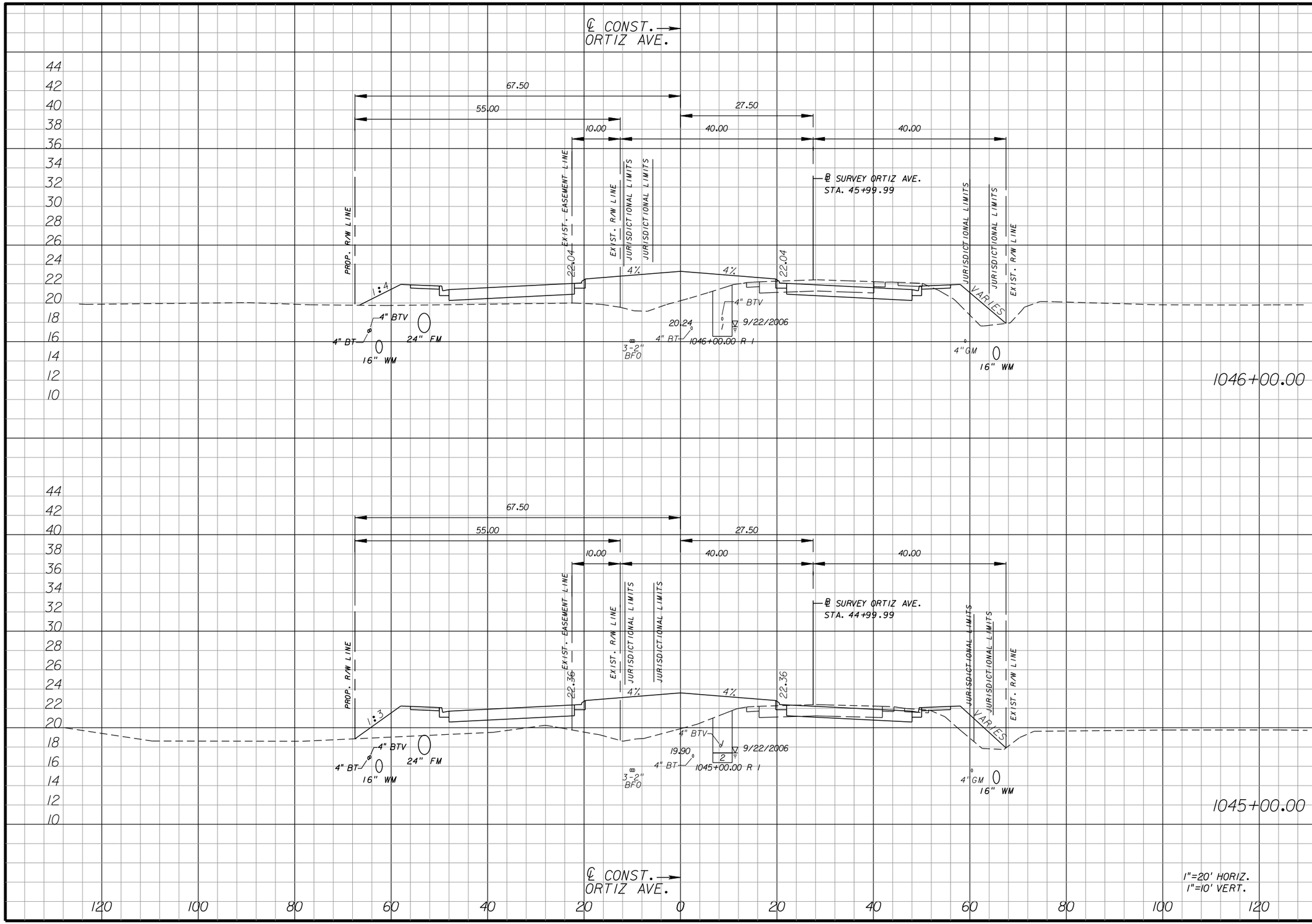

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 219

apeters
10/11/2010 4:35:55 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 49 | | 154 | |
| | 161 | | 686 |
| 38 | | 217 | |
| | 120 | | 901 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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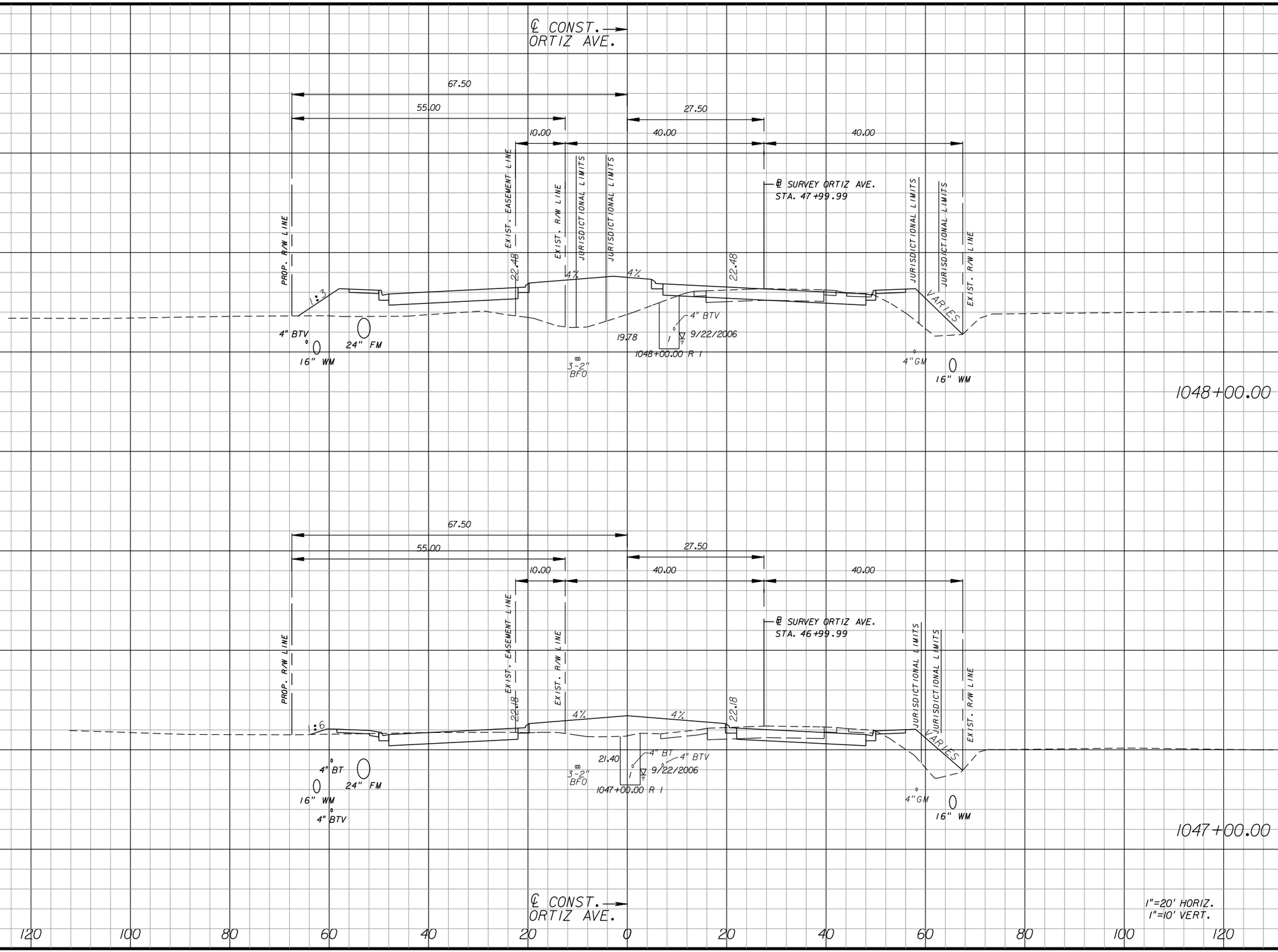

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 220

apeters 10/11/2010 4:36:05 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 39 | 206 | 210 | 547 |
| 72 | 224 | 86 | 443 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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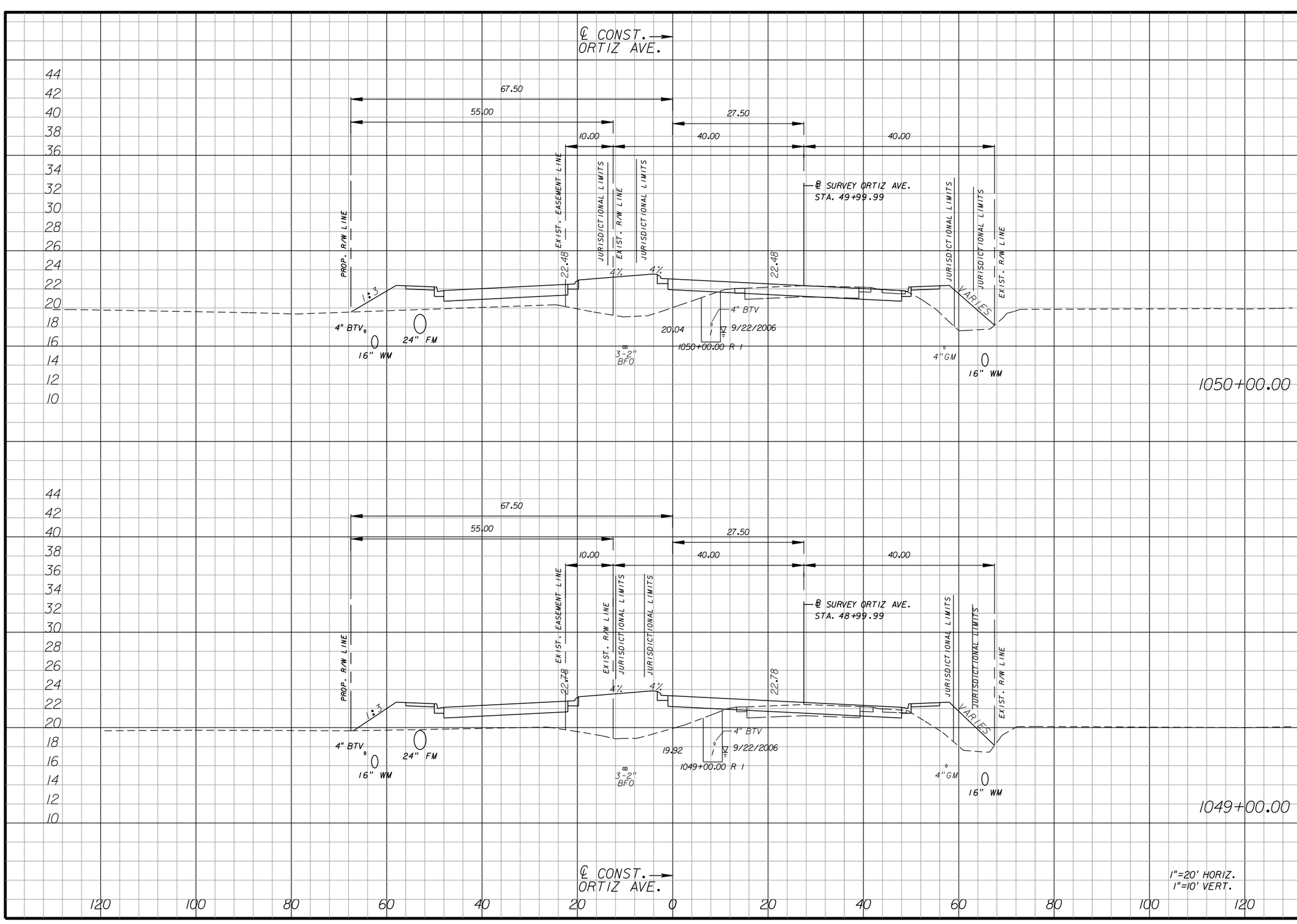
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 221

apeters 10/11/2010 4:36:13 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 38 | 171 | | |
| | 122 | | 717 |
| 28 | 216 | | |
| | 125 | | 789 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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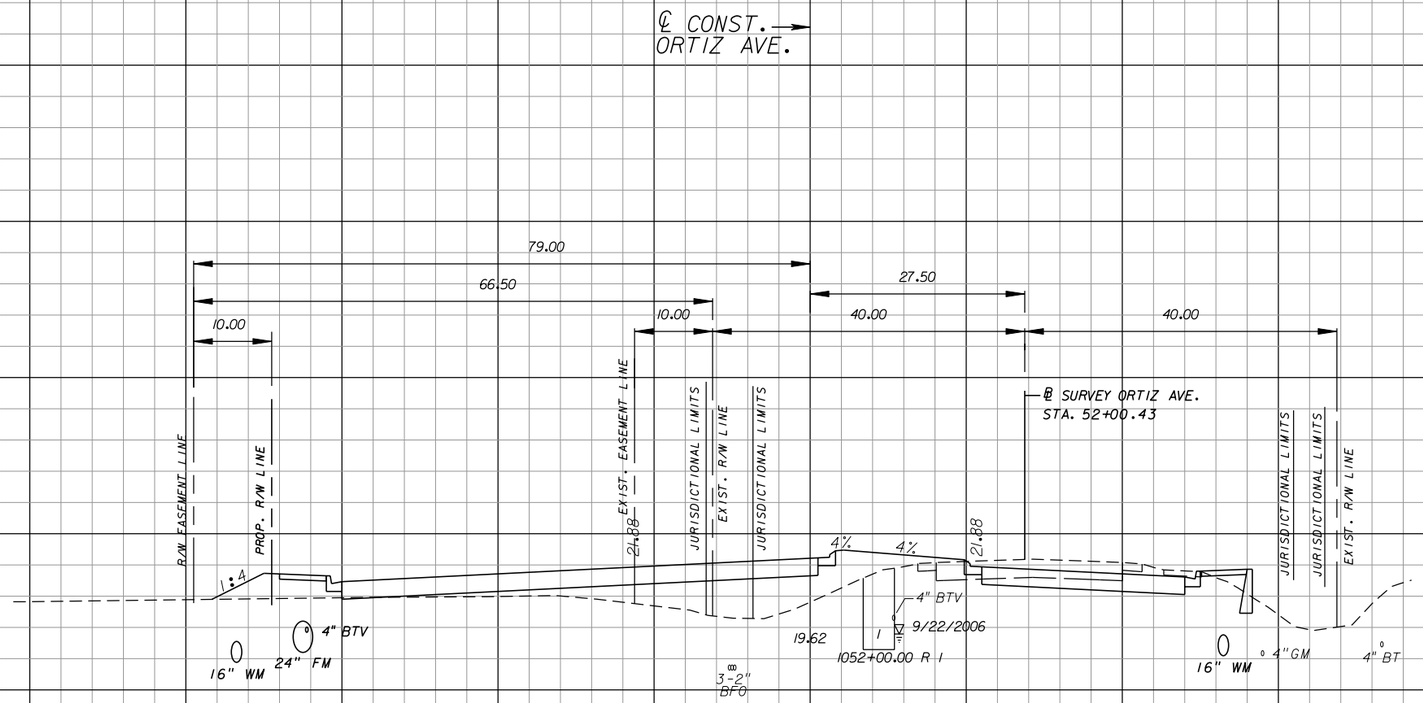

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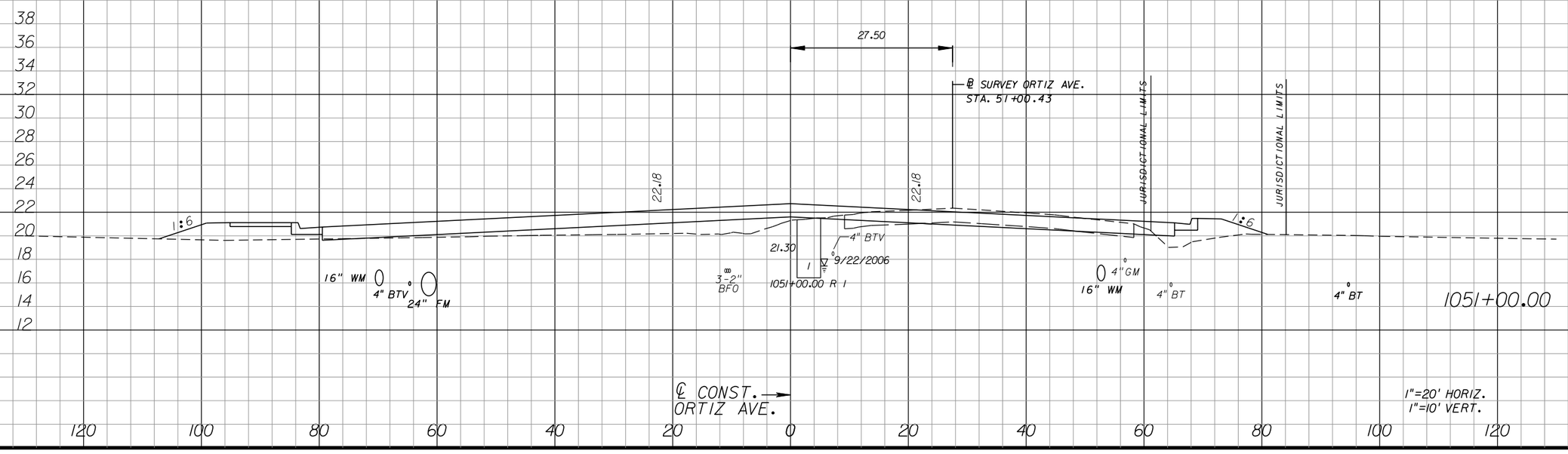

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 222

apeters 10/11/2010 4:36:21 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 51 | | 100 | |
| | 203 | | 351 |
| 59 | | 89 | |
| | 179 | | 482 |

1052+00.00

1051+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
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FLORIDA CERTIFICATE NO. 60274

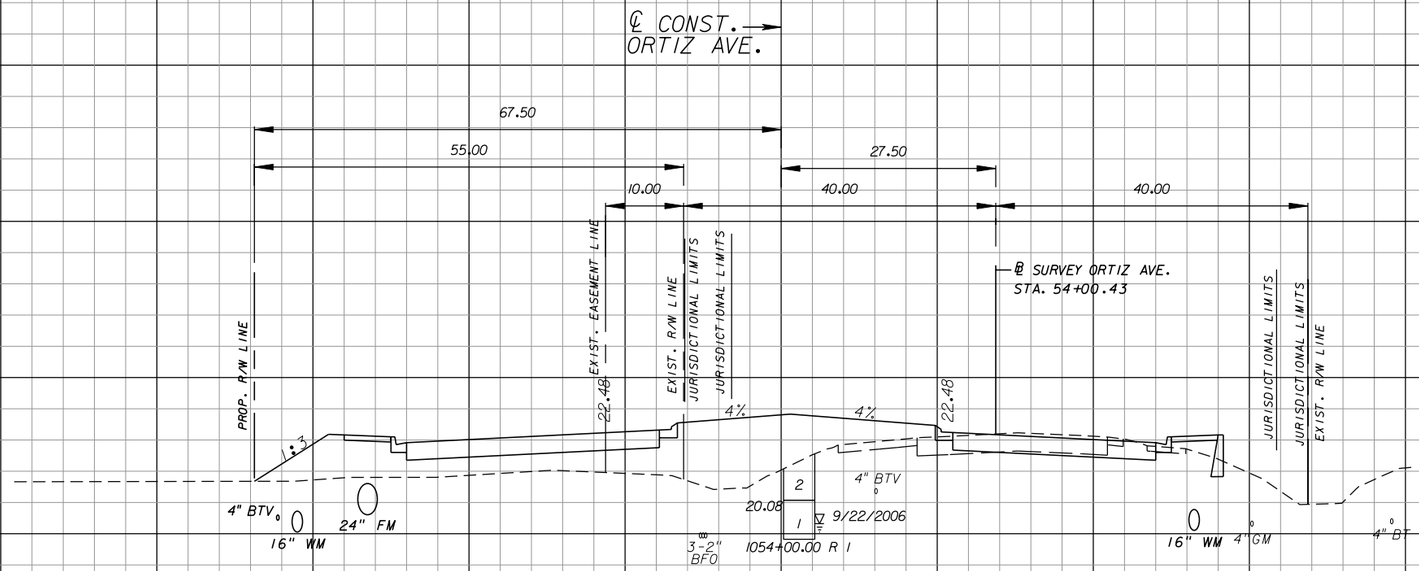
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO.
223

apeters
10/11/2010 4:36:30 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 34 | 141 | 174 | 562 |
| 42 | 172 | 129 | 425 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
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SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
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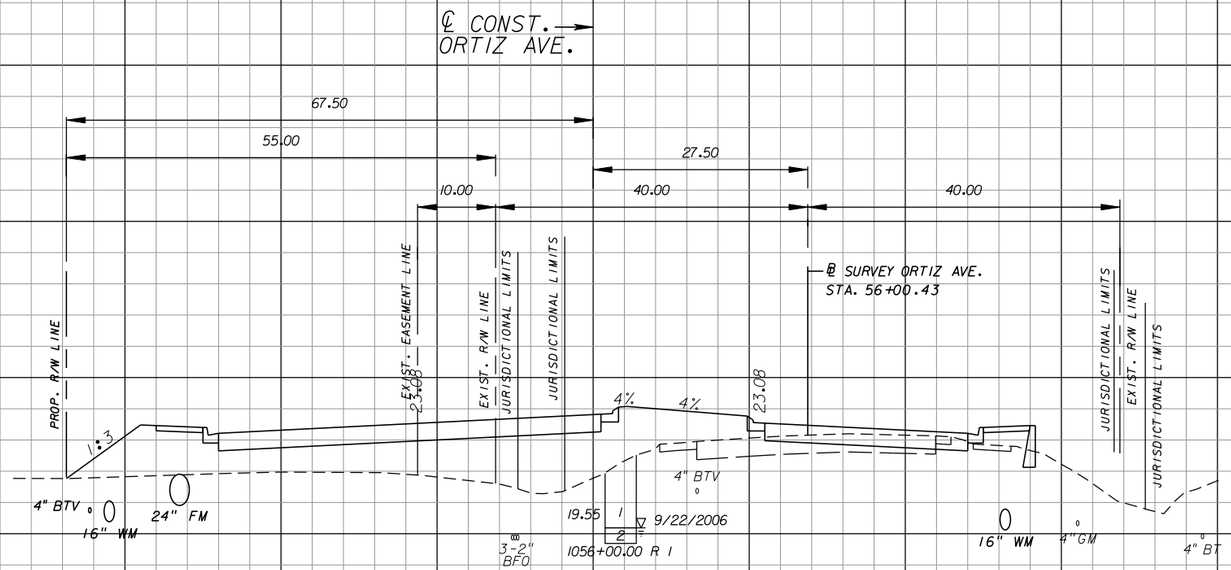

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 224

apeters

10/11/2010 4:36:38 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 19 | | 208 | |
| | 81 | | 728 |
| 25 | | 185 | |
| | 110 | | 664 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

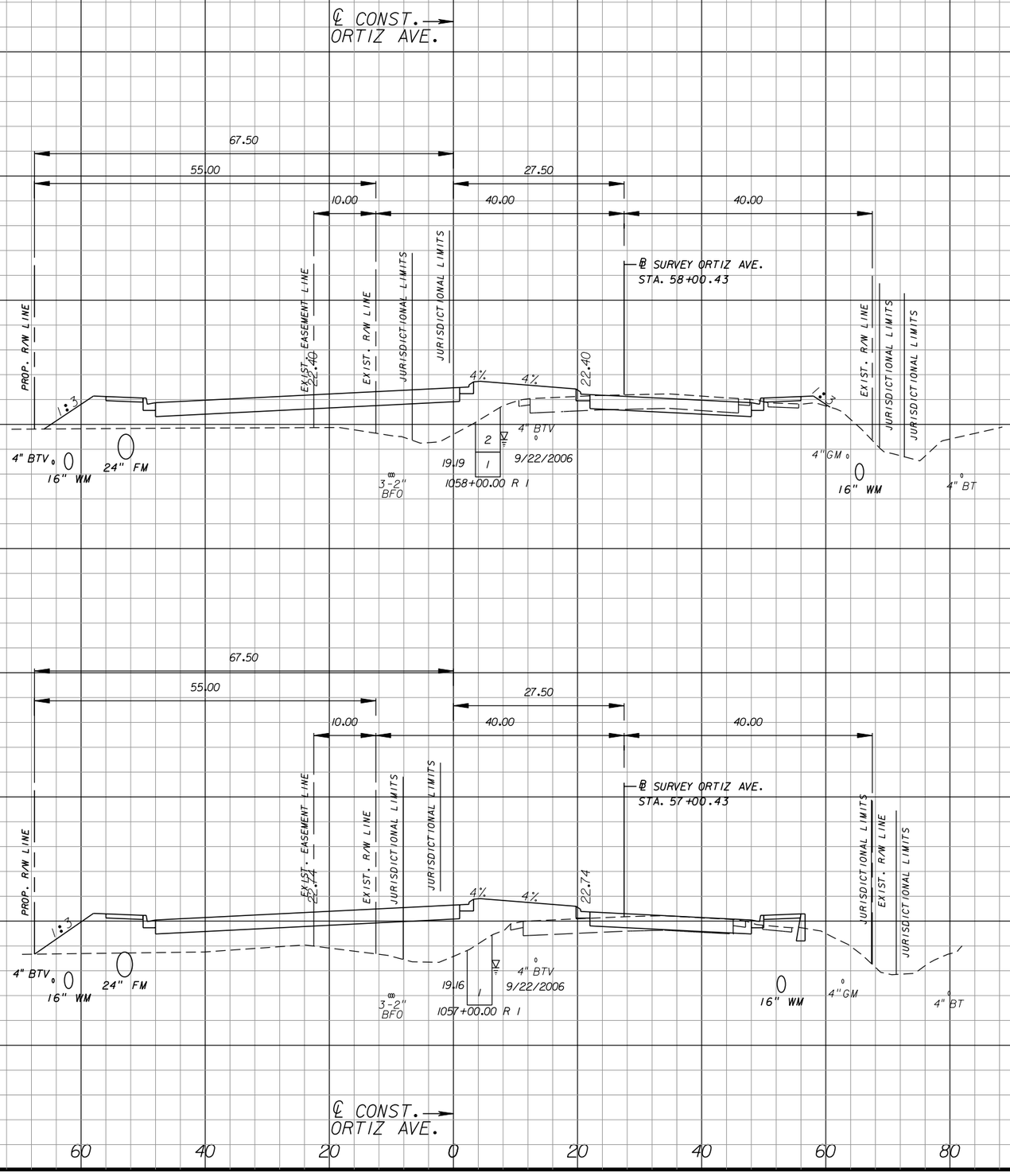

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 225

apeters 10/11/2010 4:36:46 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 38 | 121 | 152 | 627 |
| 28 | 86 | 187 | 732 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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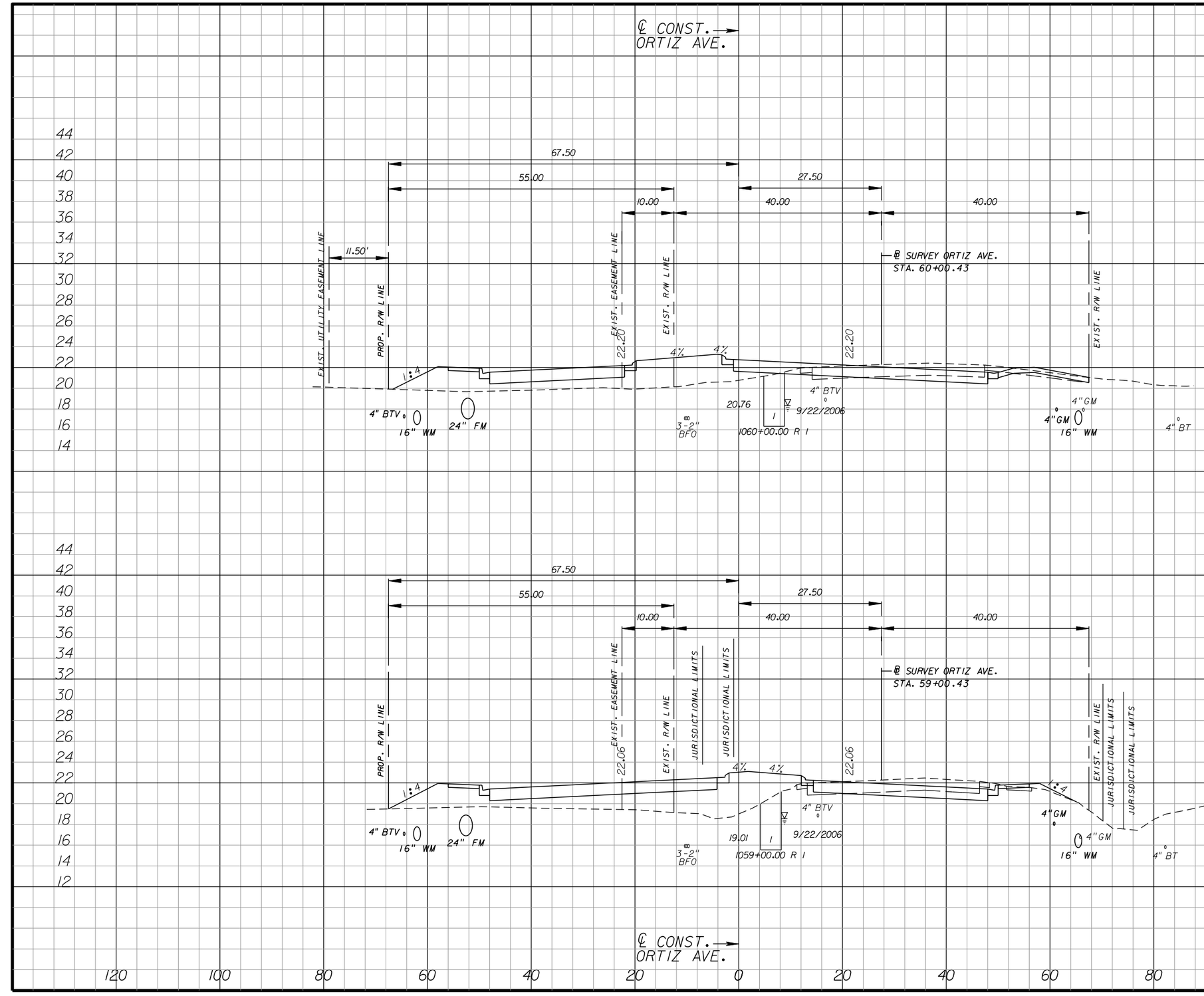
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 226

apeters 10/11/2010 4:36:57 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 60 | | 107 | |
| | 215 | | 456 |
| 56 | | 140 | |
| | 173 | | 540 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

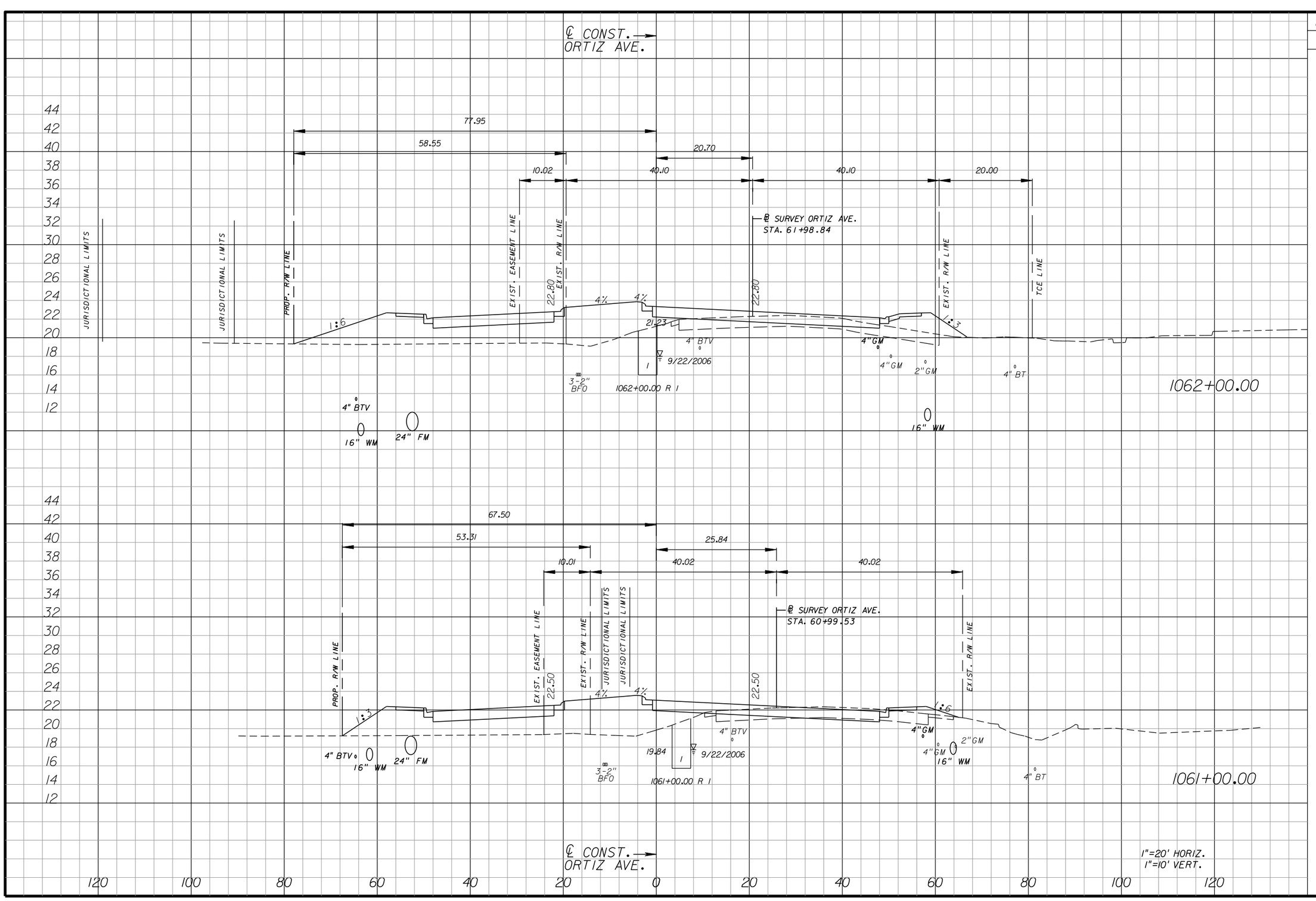

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 227

apeters 10/11/2010 4:37:07 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 25 | 116 | 215 | 734 |
| 38 | 182 | 181 | 533 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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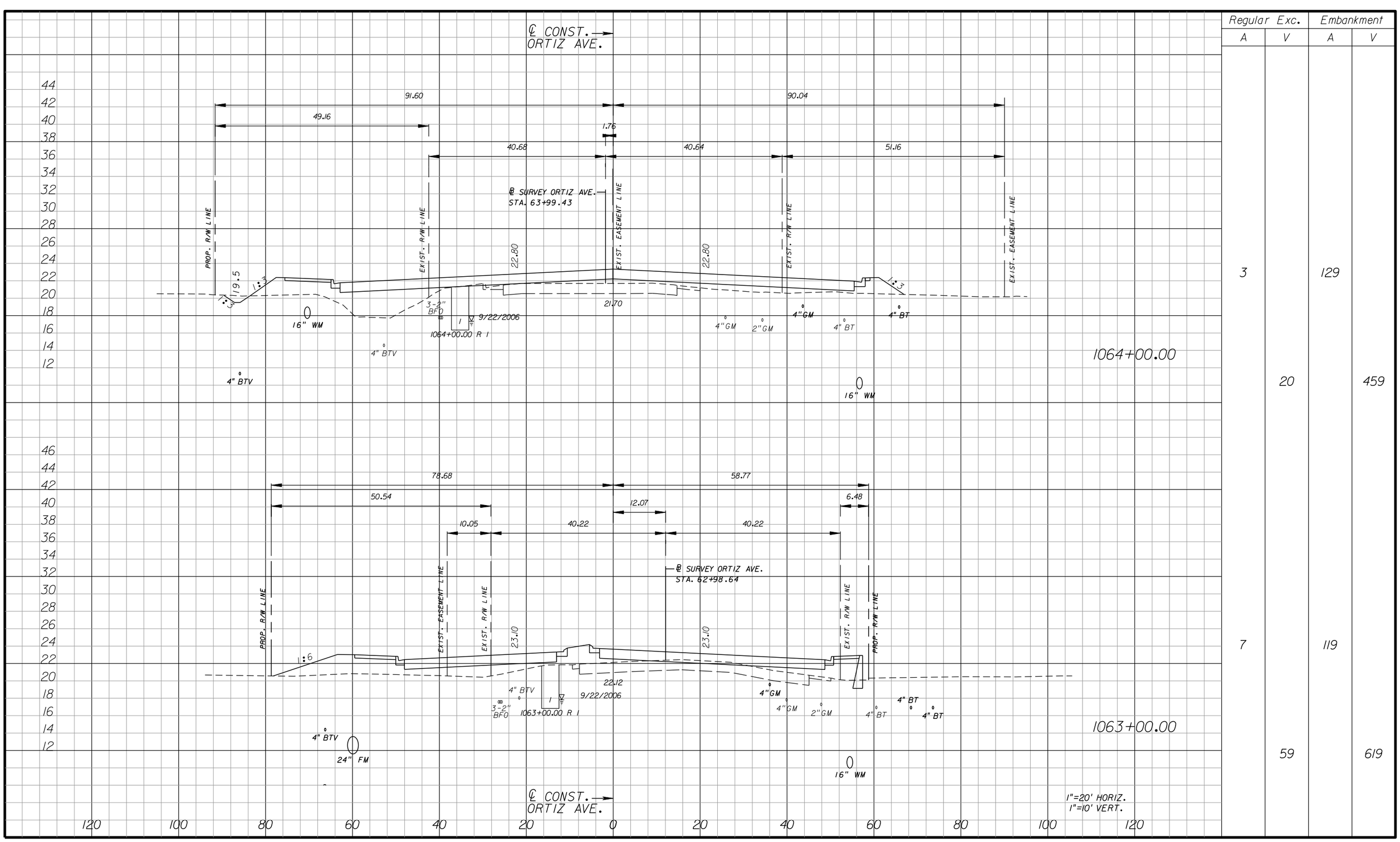

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# CROSS SECTIONS
## ORTIZ AVENUE

SHEET NO. 228

apeters 10/11/2010 4:37:18 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 3 | | 129 | |
| | 20 | | 459 |
| 7 | | 119 | |
| | 59 | | 619 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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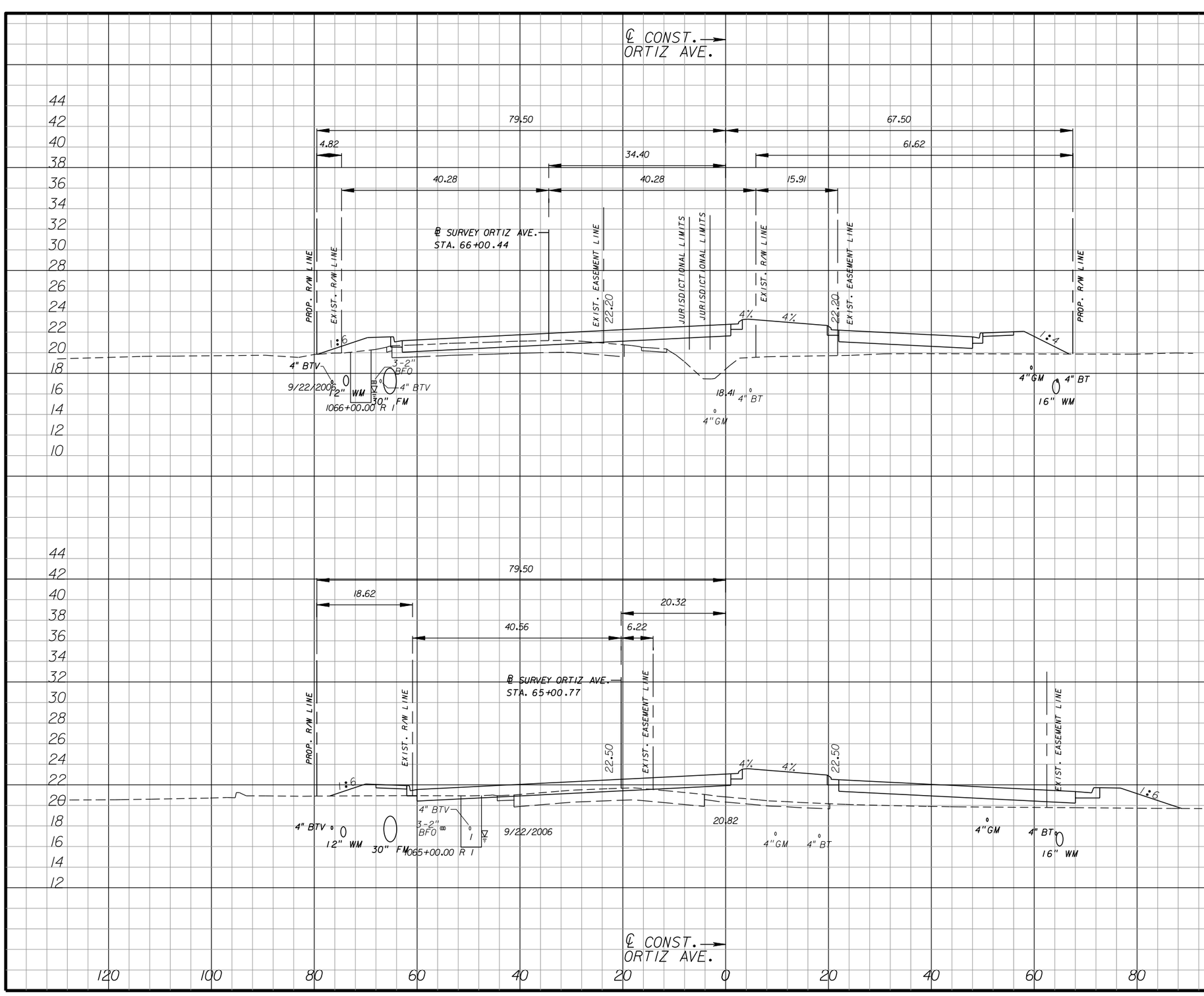

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 229

apeters 10/11/2010 4:37:27 PM P:\LeeCounty_05-8974Ortiz\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 19 | | 171 | |
| | 57 | | 578 |
| 12 | | 141 | |
| | 28 | | 499 |

1066+00.00

1065+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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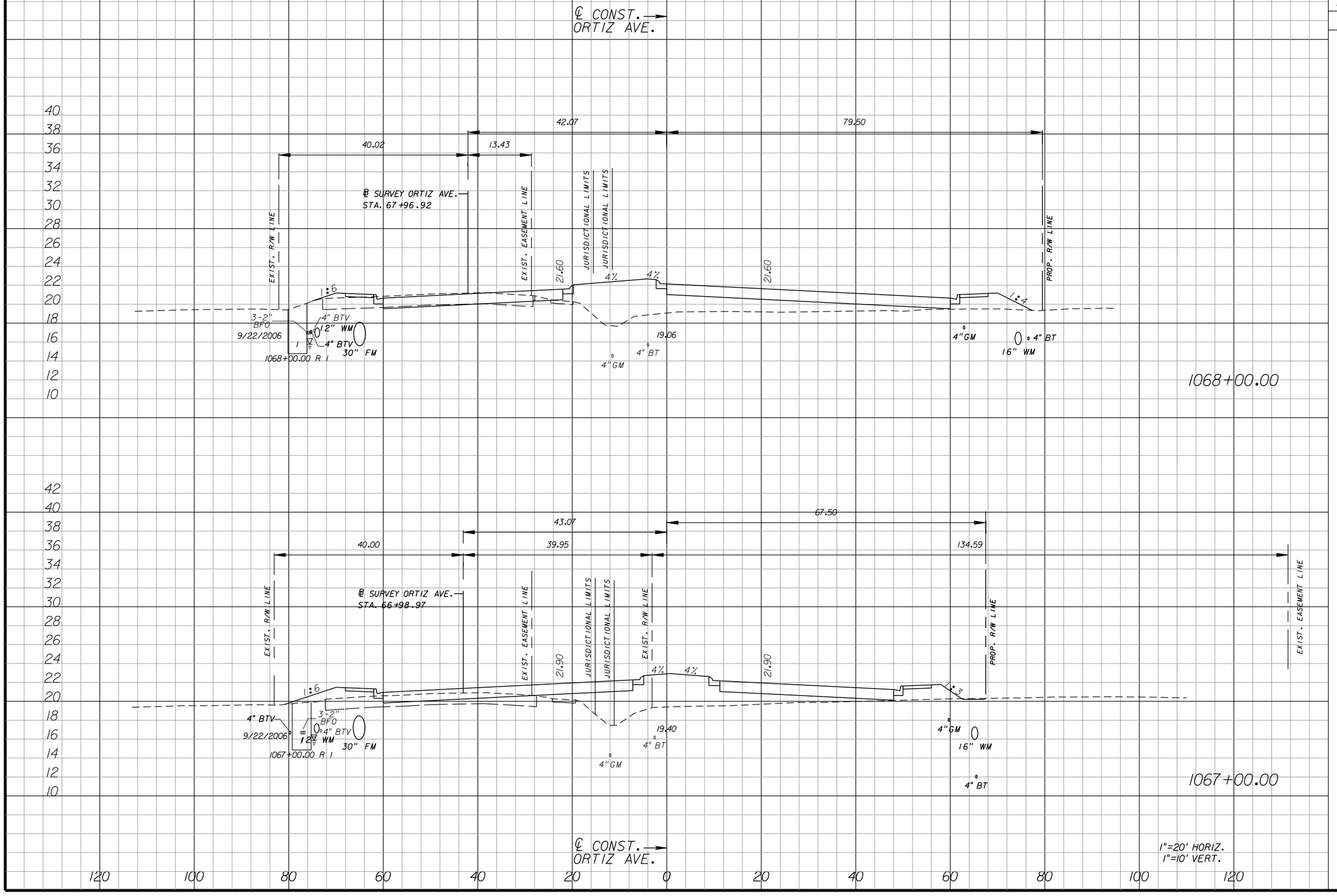
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 230

apeters
10/11/2010 4:37:36 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 39 | | 157 | |
| | 109 | | 559 |
| 20 | | 145 | |
| | 72 | | 585 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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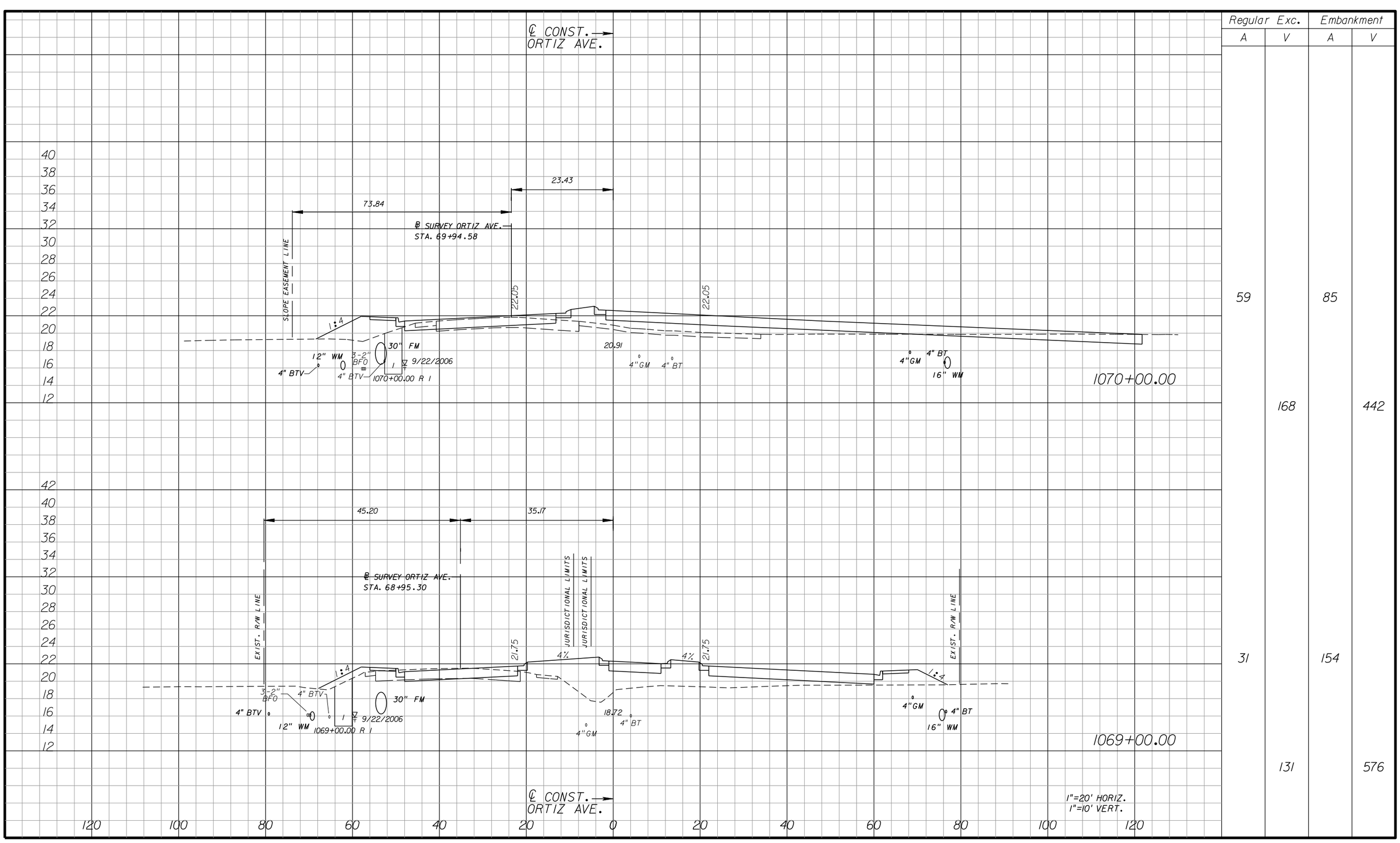

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 231

apeters 10/11/2010 4:37:46 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 59 | | 85 | |
| | 168 | | 442 |
| 31 | | 154 | |
| | 131 | | 576 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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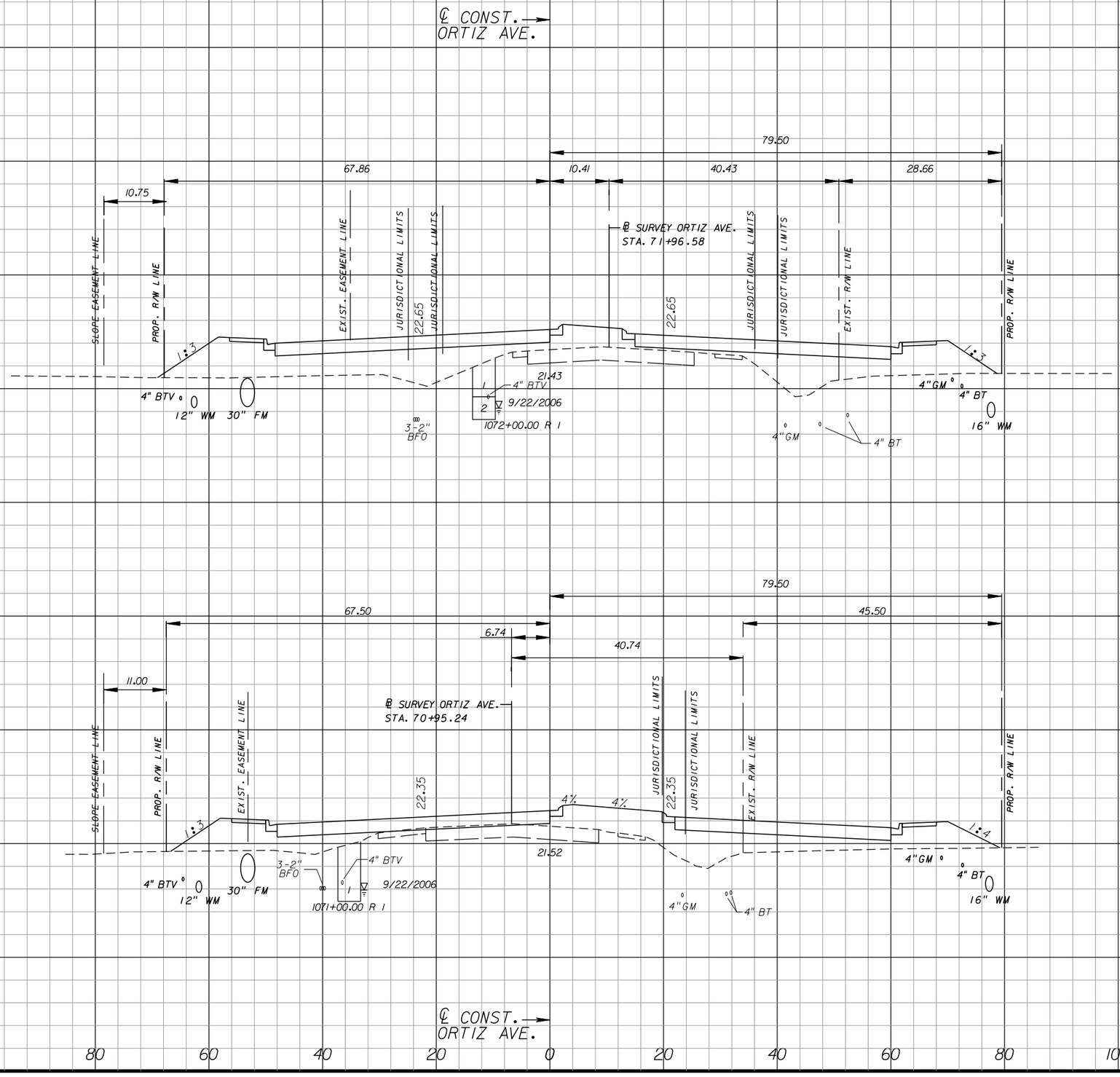

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 232

apeters 10/11/2010 4:37:55 PM P:\LeeCounty_05-89740rt1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 265 | |
| | 5 | | 856 |
| 3 | | 197 | |
| | 115 | | 522 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FORT MYERS, FLORIDA 33901
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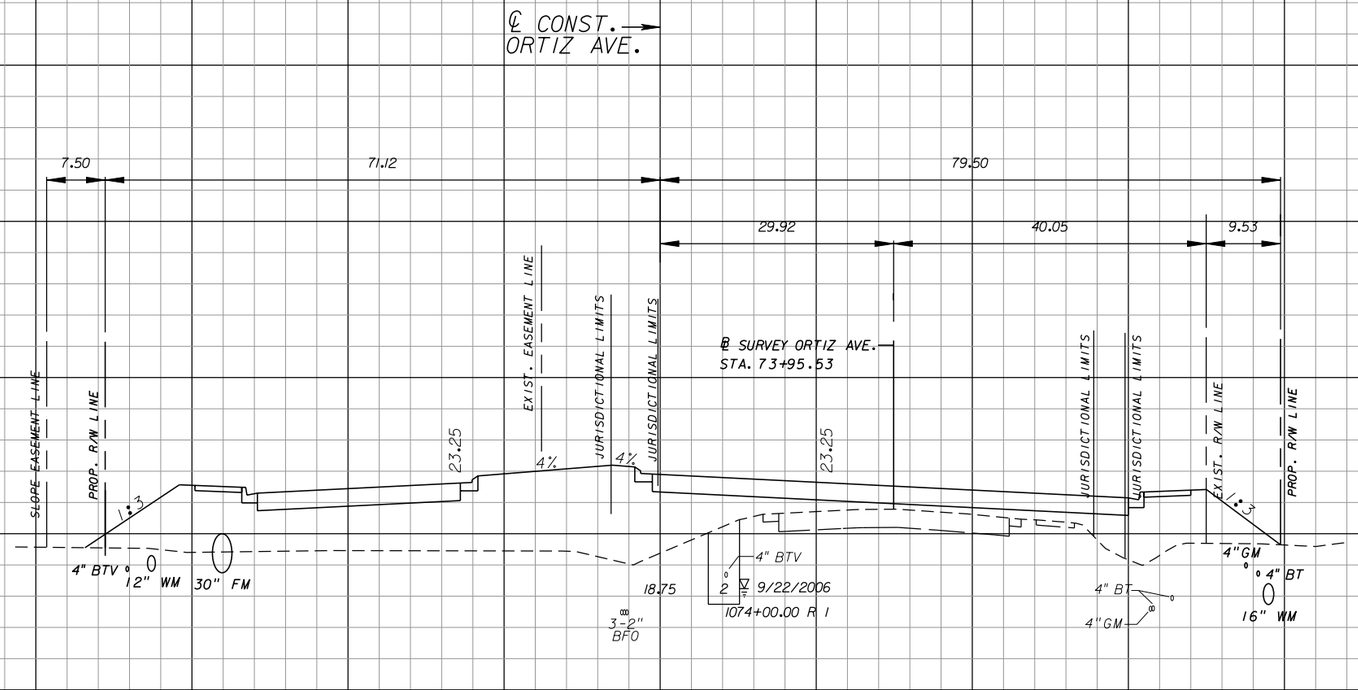

# CROSS SECTIONS

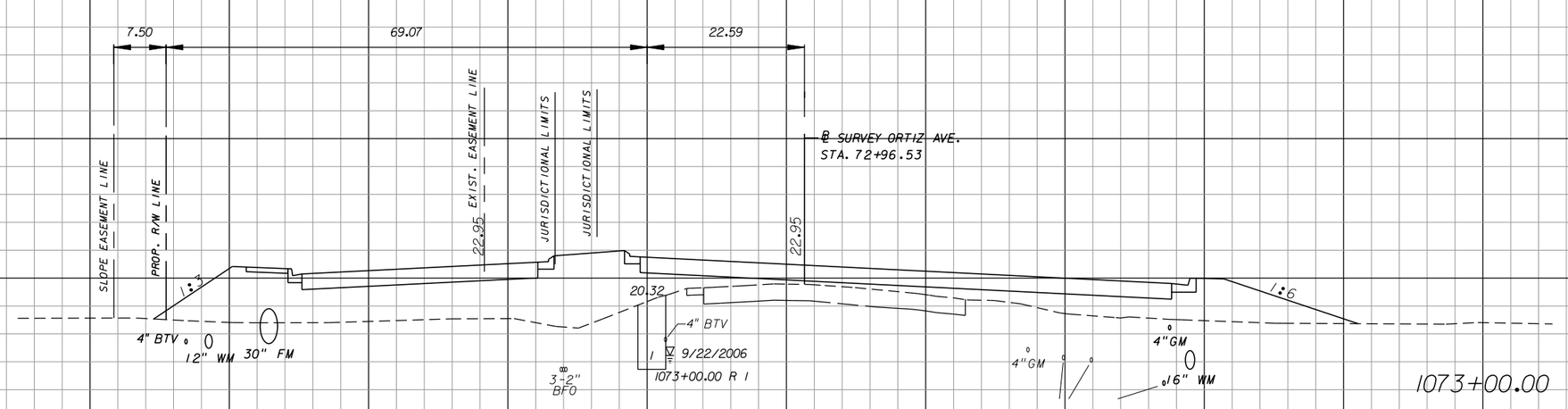
## ORTIZ AVENUE

SHEET NO. 233

apeters

10/11/2010 4:38:04 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 391 | |
| | 0 | | 1335 |
| 0 | | 330 | |
| | 0 | | 1103 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

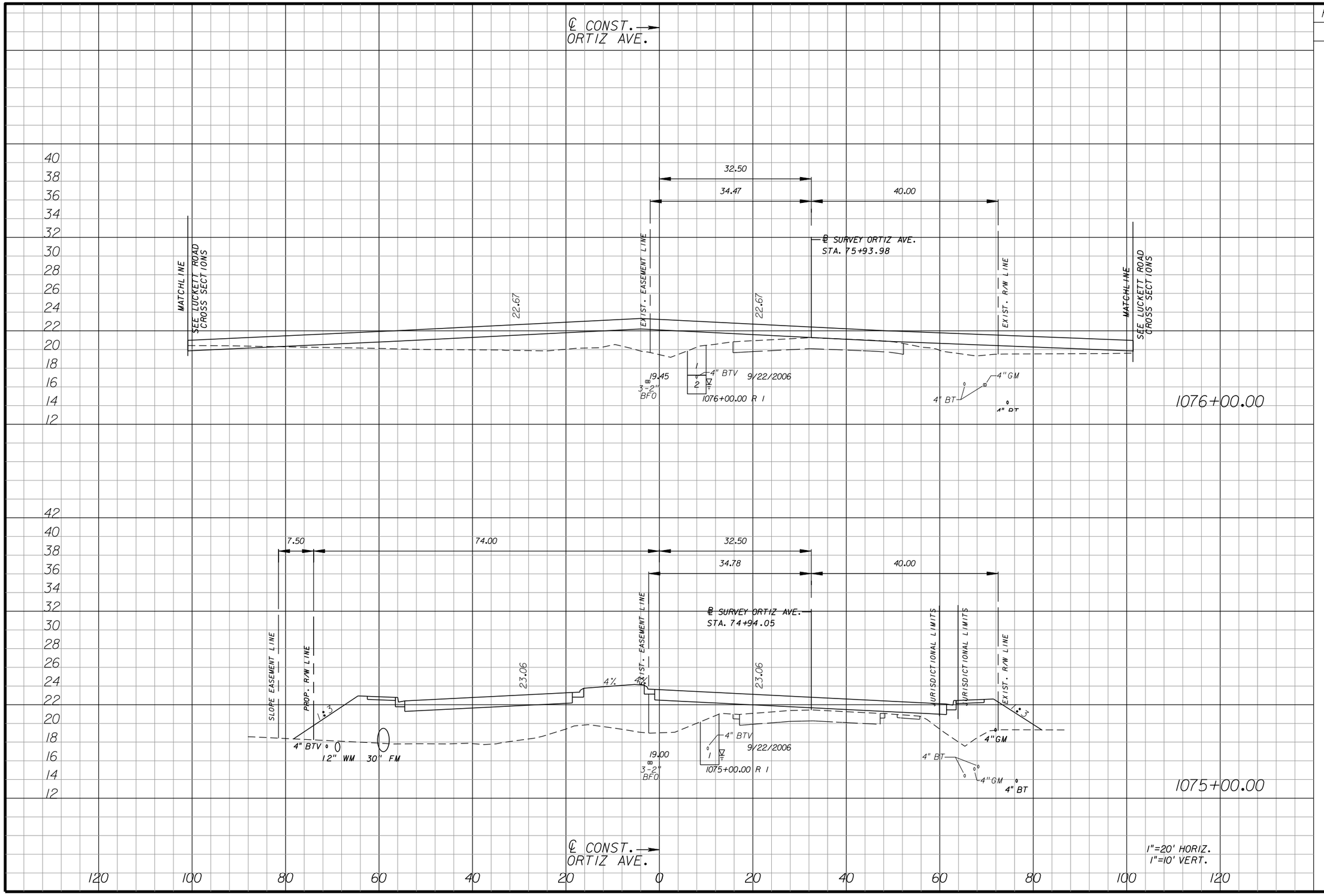
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# CROSS SECTIONS
## ORTIZ AVENUE

SHEET NO. 234

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 6 | 11 | 166 | 1051 |
| 0 | 0 | 401 | 1466 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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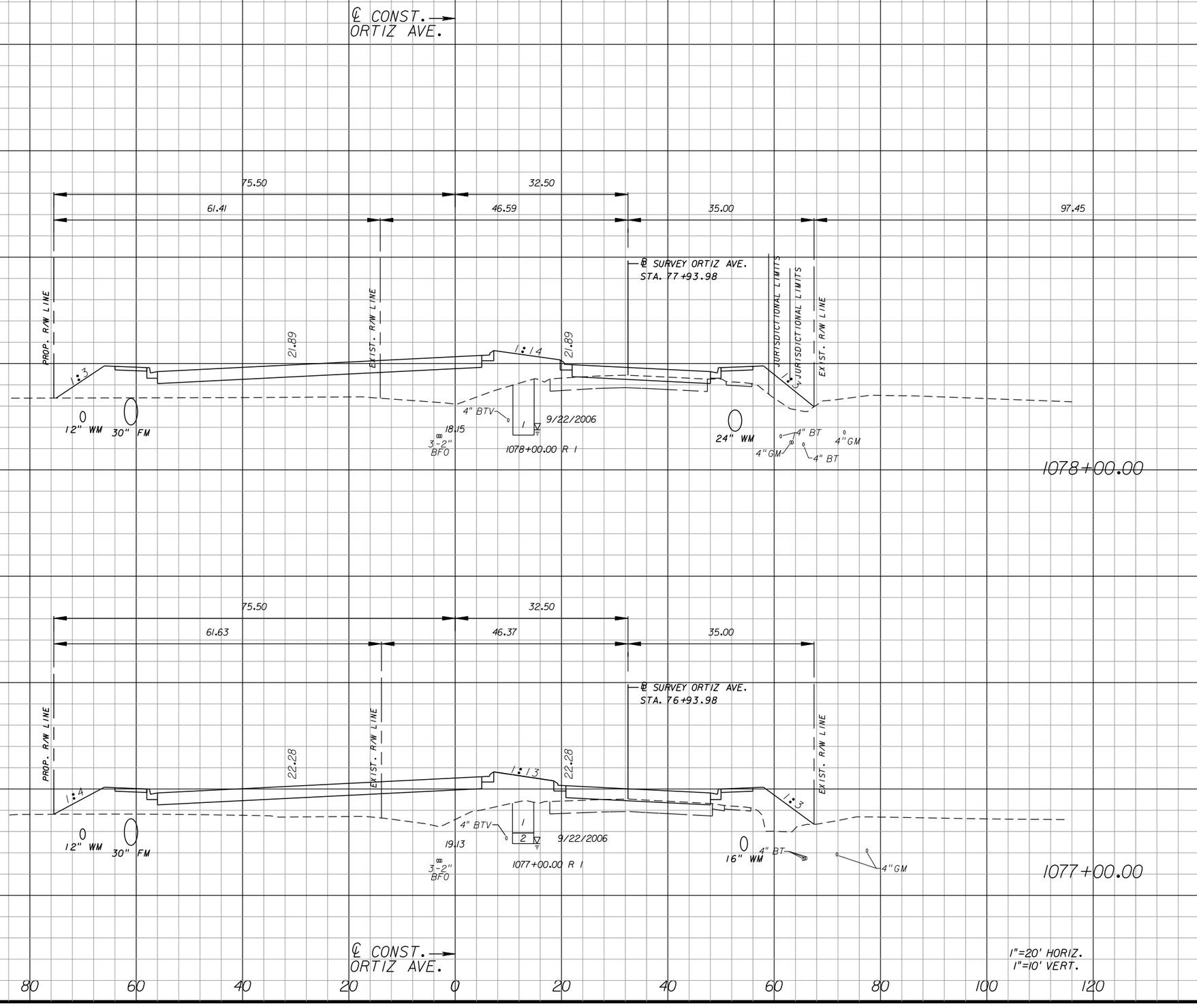

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 235

apeters 10/11/2010 4:38:22 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 8 | | 238 | |
| | 20 | | 849 |
| 3 | | 220 | |
| | 16 | | 716 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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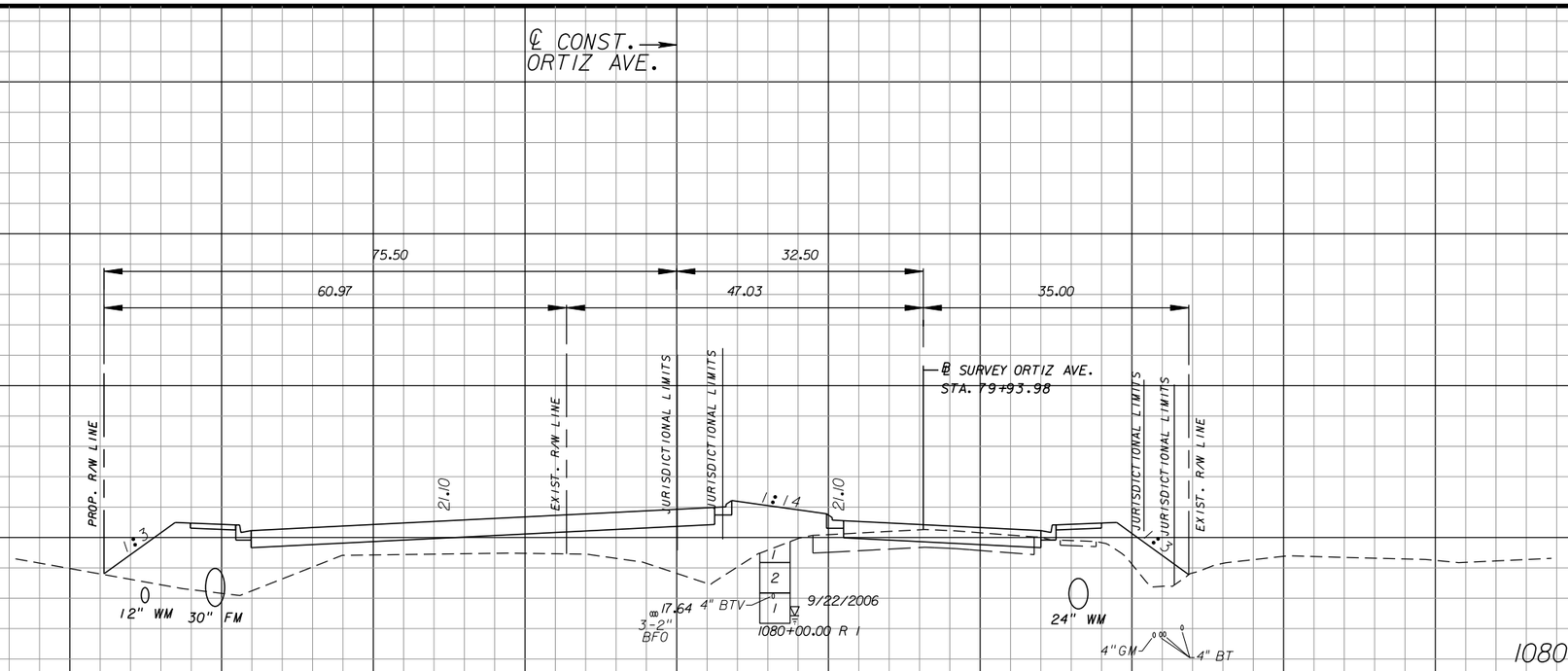

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 236

1"=20' HORIZ.
1"=10' VERT.

apeters
10/11/2010 4:38:29 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 18 | | 231 | |
| | 55 | | 797 |
| 12 | | 199 | |
| | 37 | | 810 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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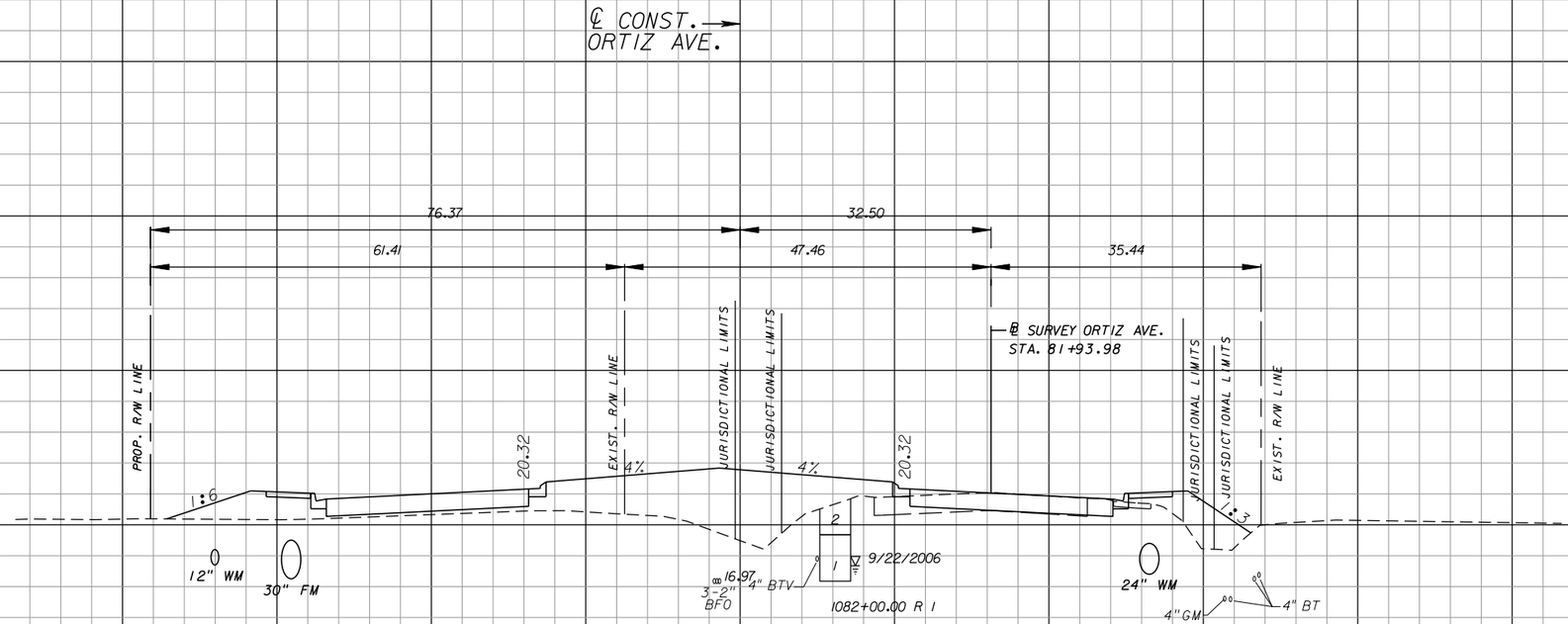
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 237

apeters
10/11/2010 4:38:37 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 28 | 97 | 179 | 604 |
| 24 | 77 | 147 | 701 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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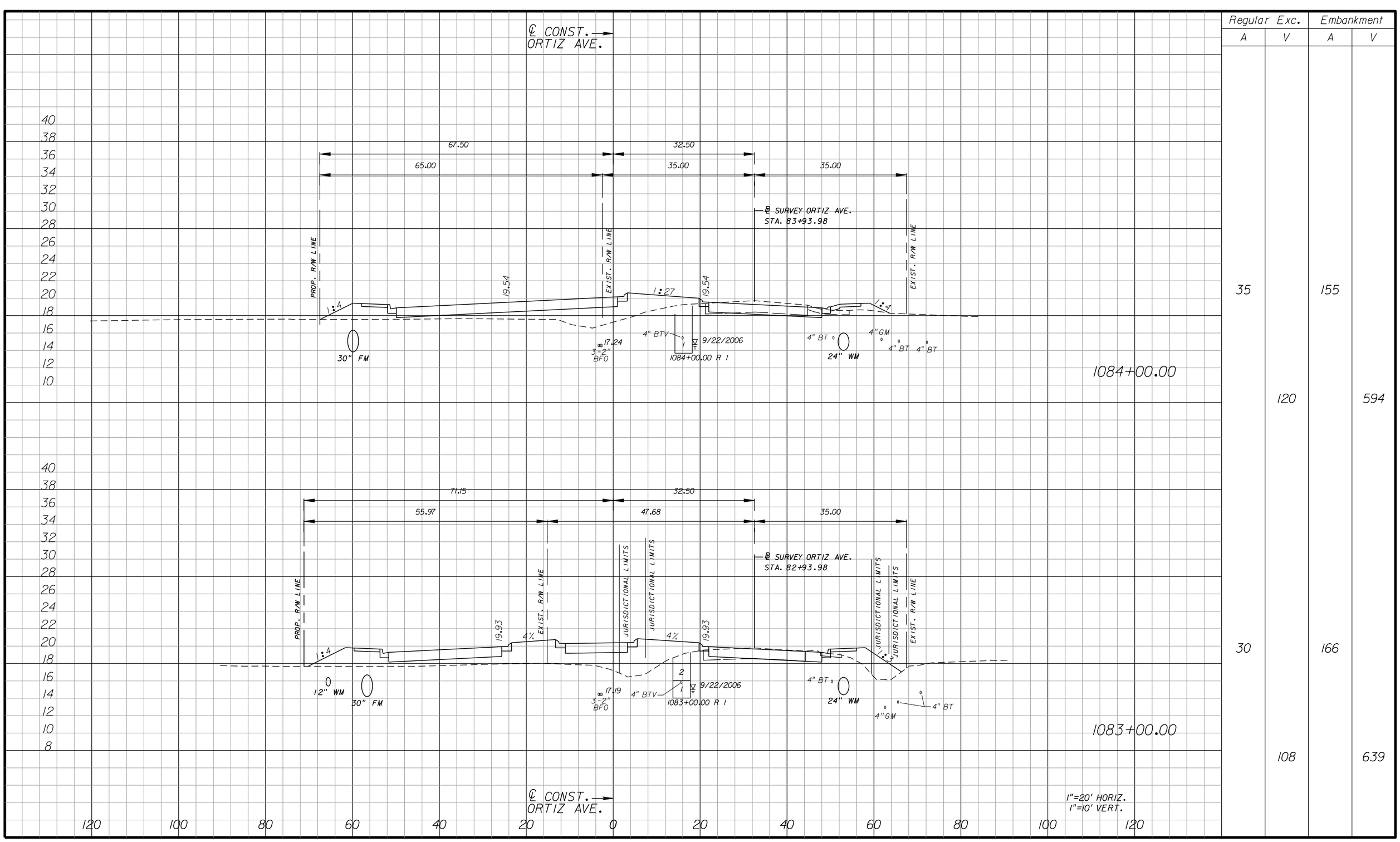

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 238

apeters 10/11/2010 4:38:44 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 35 | | 155 | |
| | 120 | | 594 |
| 30 | | 166 | |
| | 108 | | 639 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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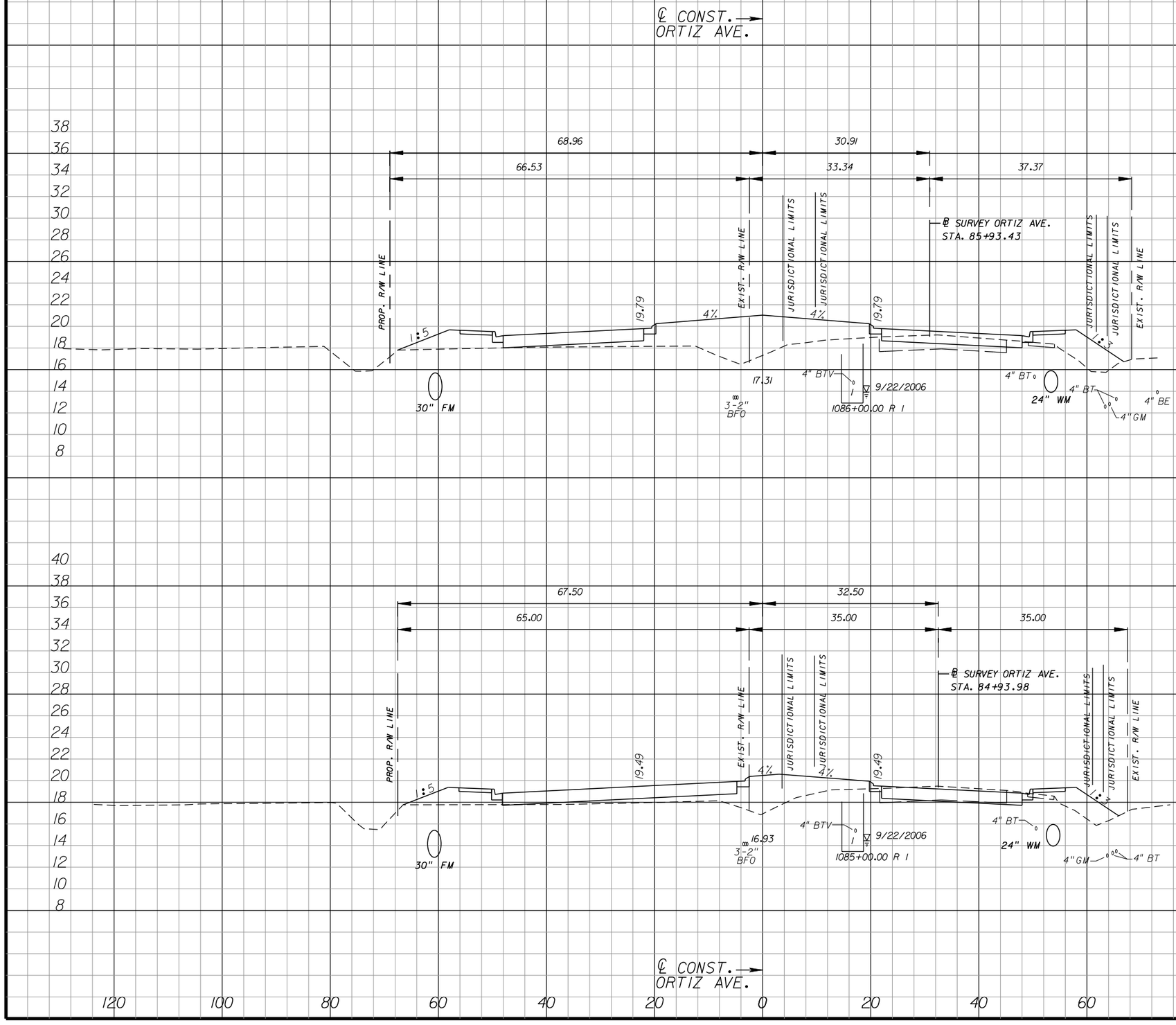

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 239

apeters 10/11/2010 4:38:53 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




1086+00.00

1085+00.00

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 15 | | 280 | |
| | 87 | | 820 |
| 32 | | 163 | |
| | 124 | | 589 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

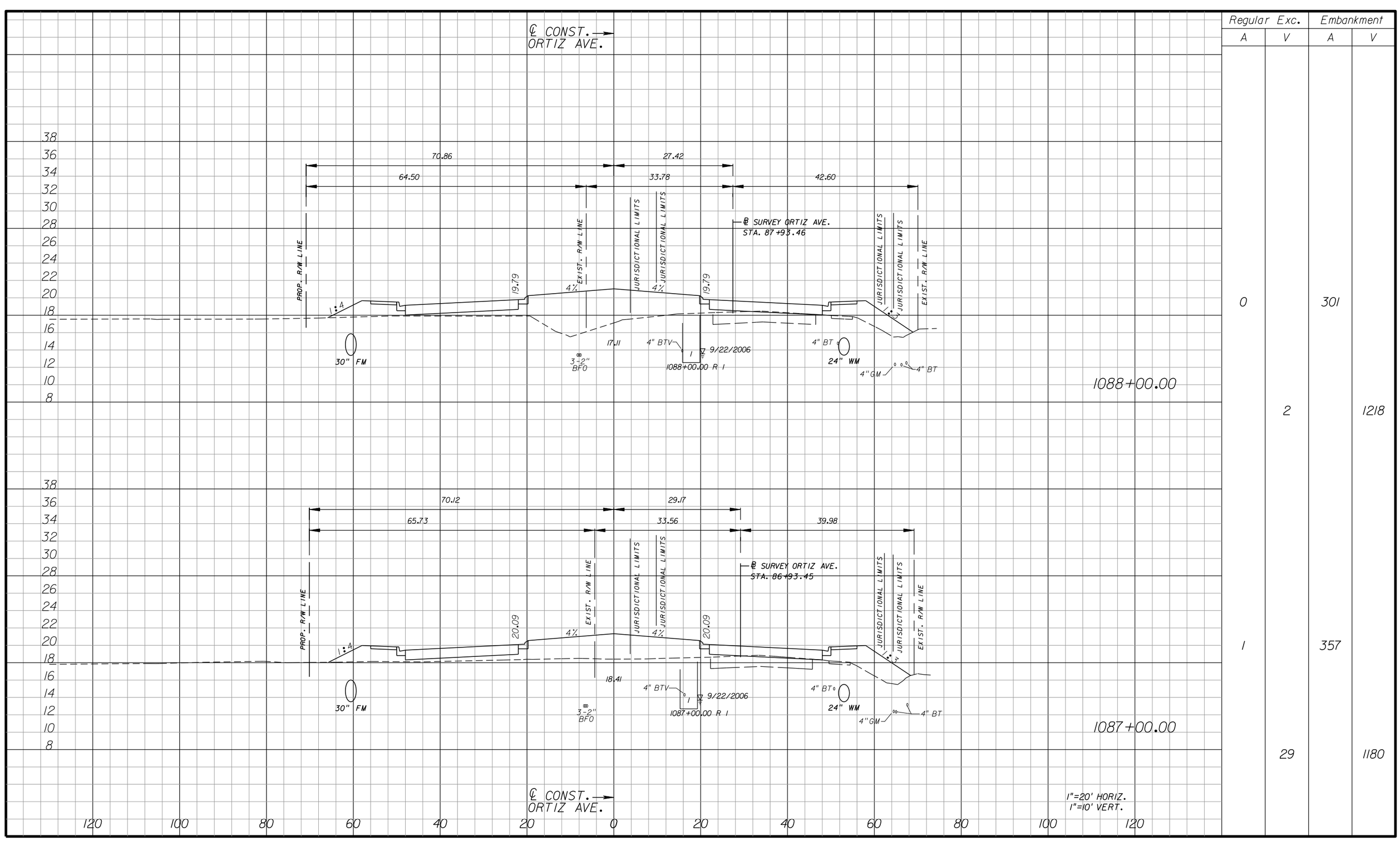

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 240

apeters 10/11/2010 4:38:58 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 301 | |
| | 2 | | 1218 |
| 1 | | 357 | |
| | 29 | | 1180 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

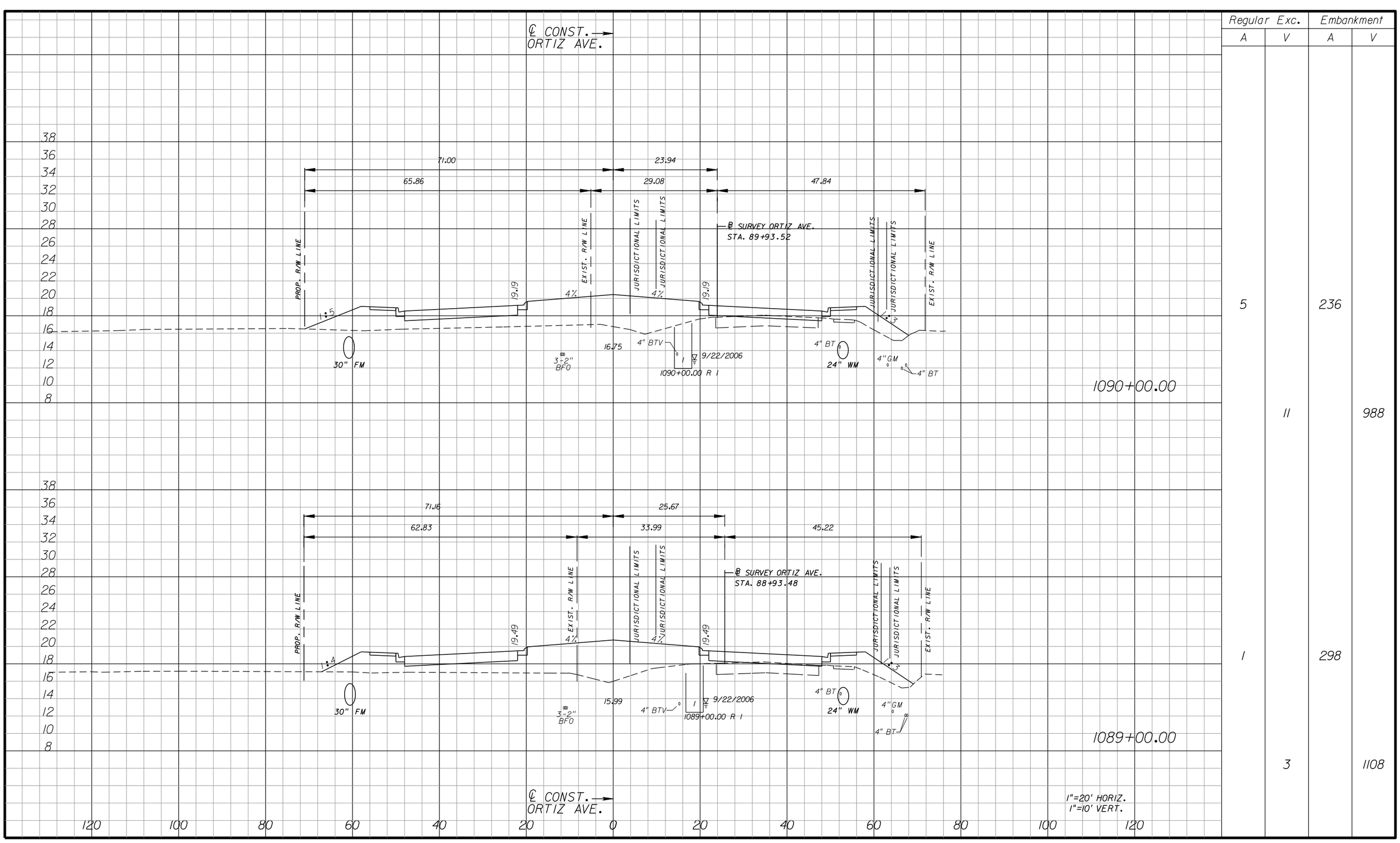

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 241

apeters 10/11/2010 4:39:02 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 5 | | 236 | |
| | 11 | | 988 |
| 1 | | 298 | |
| | 3 | | 1108 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274

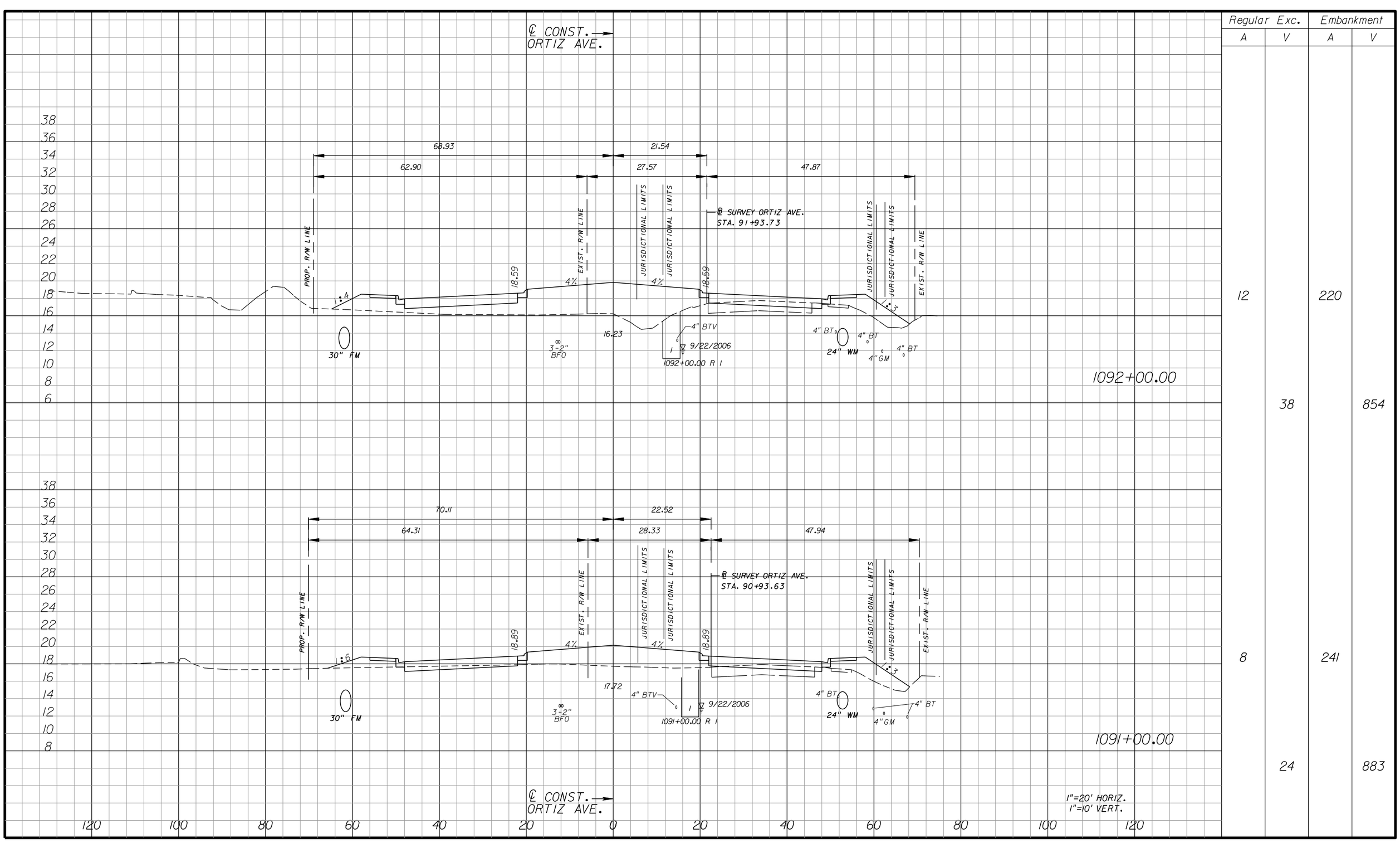
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 242

apeters 10/11/2010 4:39:05 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 12 | | 220 | |
| | 38 | | 854 |
| 8 | | 241 | |
| | 24 | | 883 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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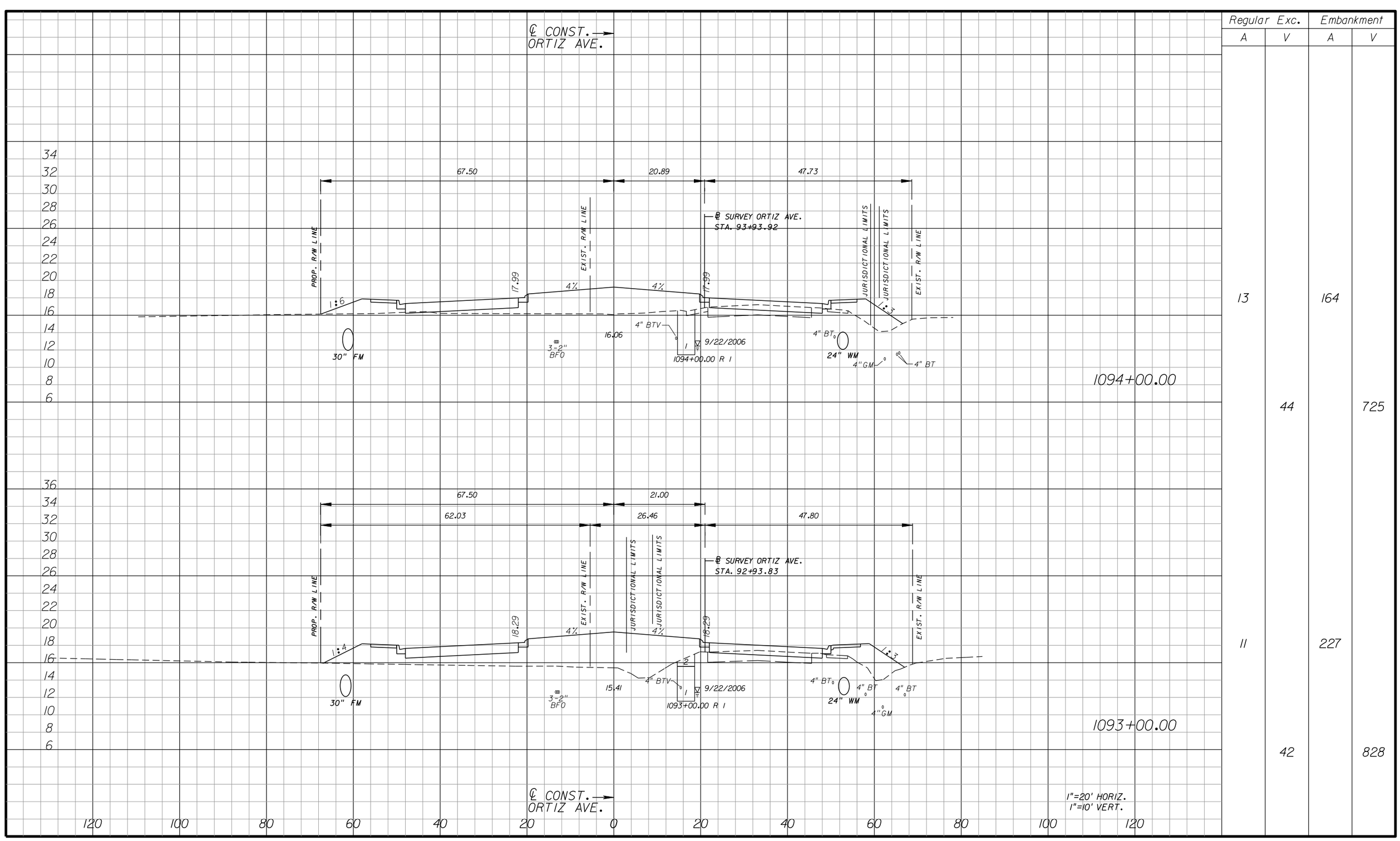
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 243

apeters 10/11/2010 4:39:08 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 13 | | 164 | |
| | 44 | | 725 |
| 11 | | 227 | |
| | 42 | | 828 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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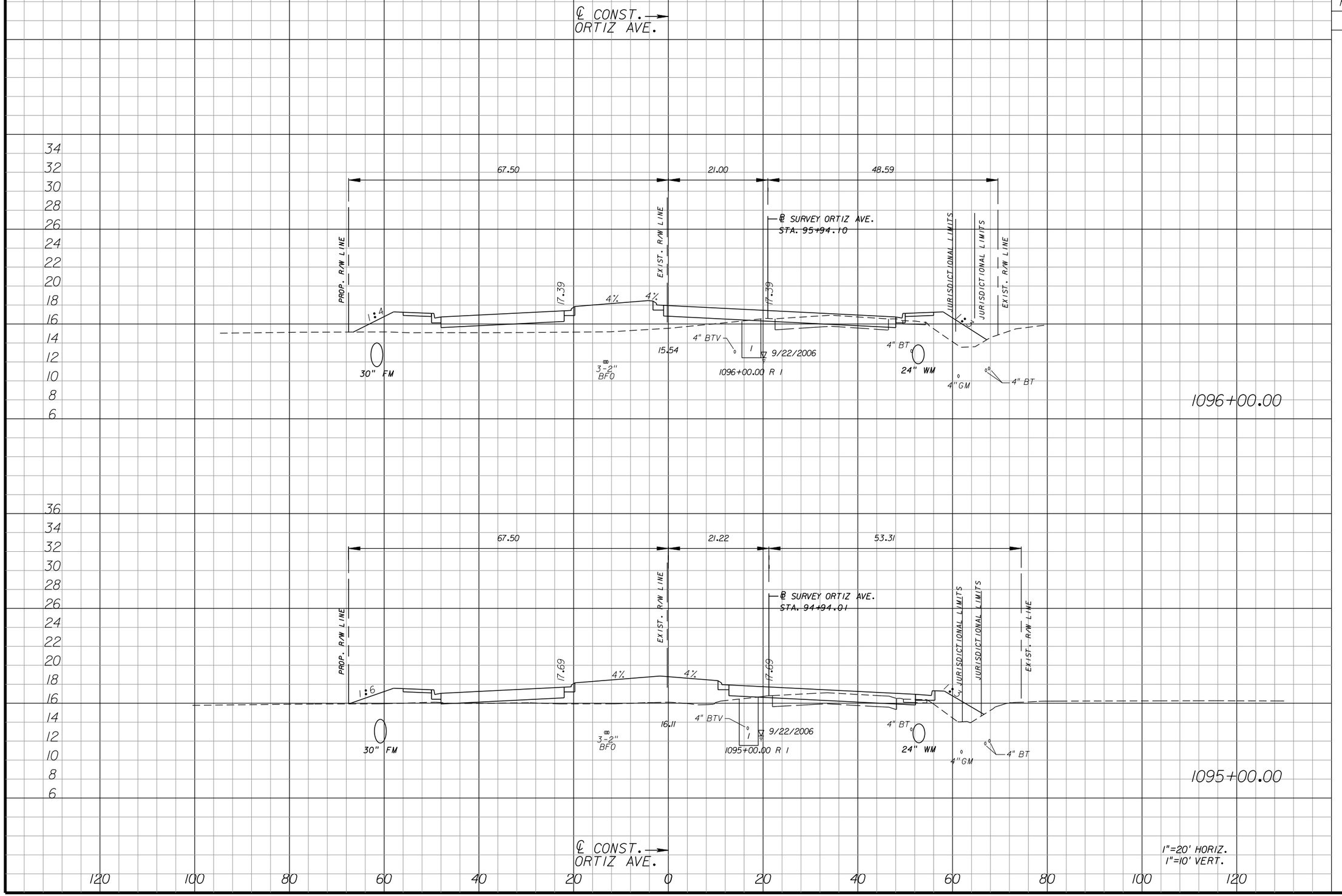
# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 244

apeters

10/11/2010 4:39:10 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 22 | | 143 | |
| | 79 | | 493 |
| 21 | | 123 | |
| | 63 | | 533 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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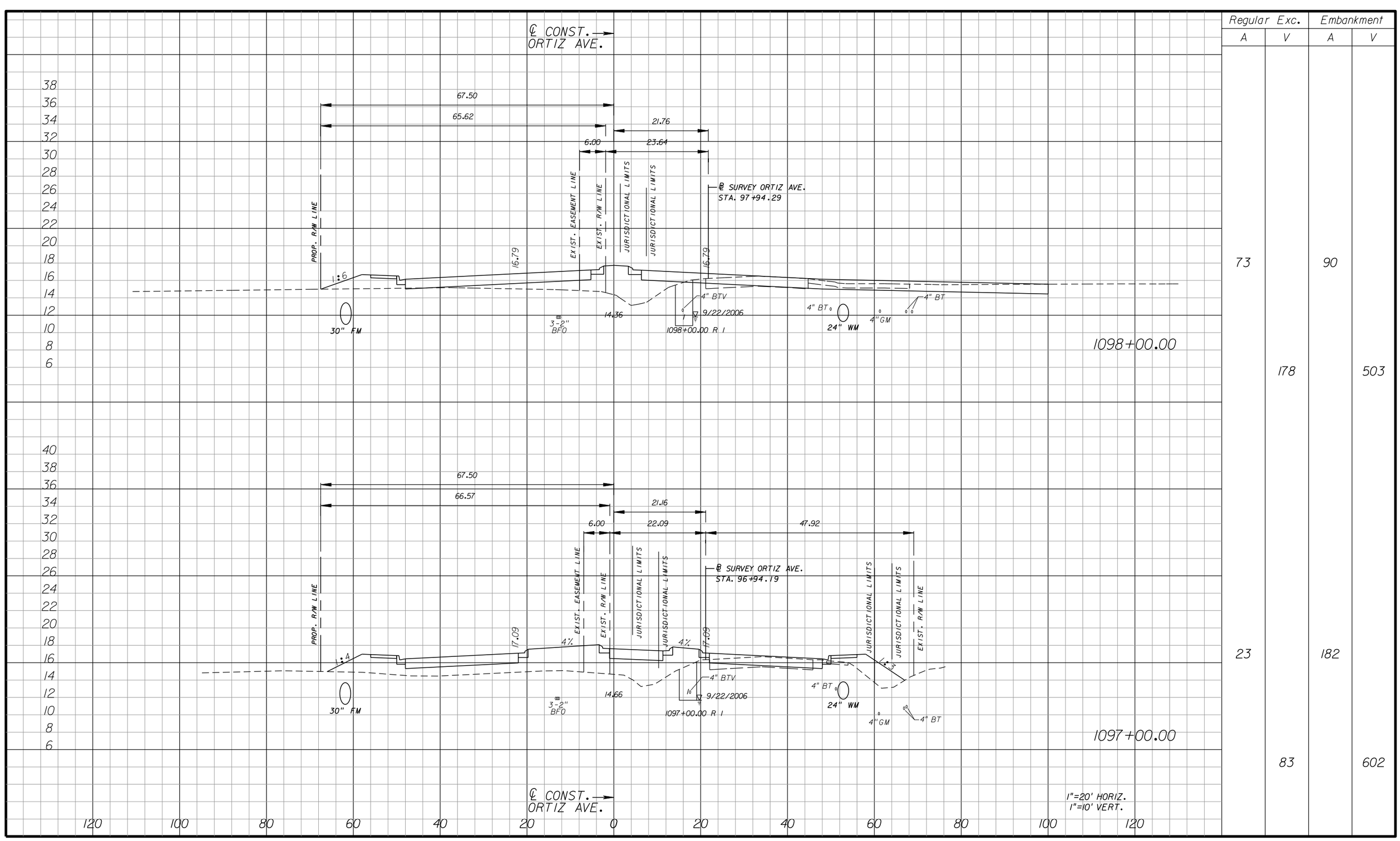
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 245

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 73 | | 90 | |
| | 178 | | 503 |
| 23 | | 182 | |
| | 83 | | 602 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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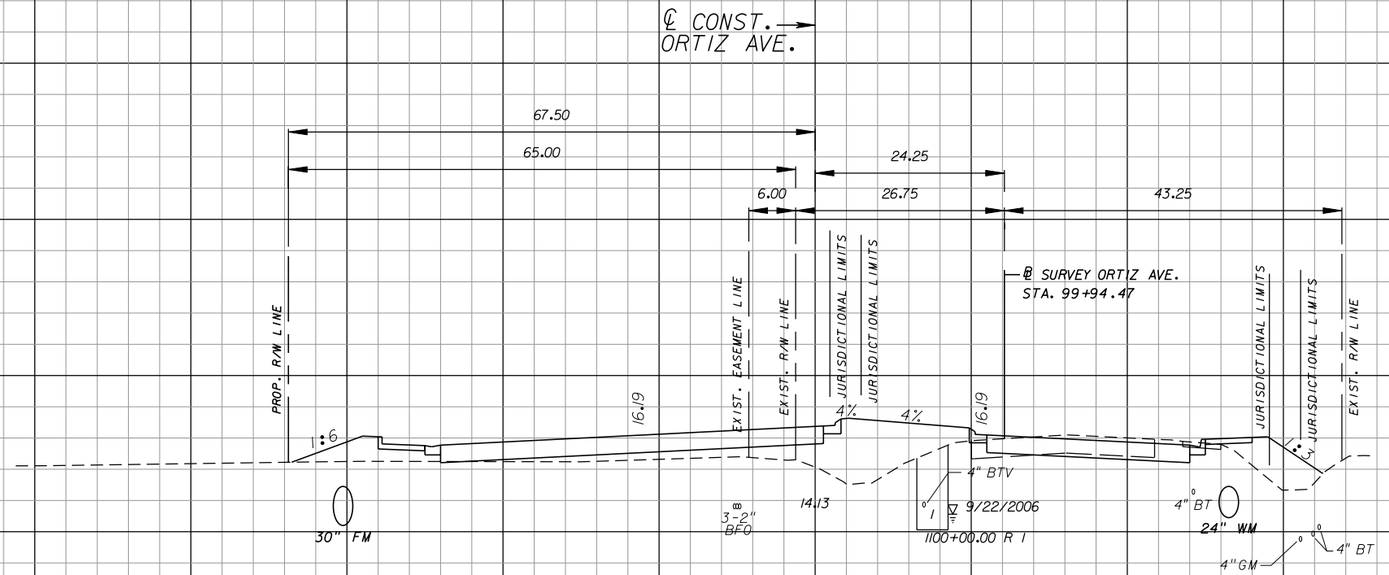
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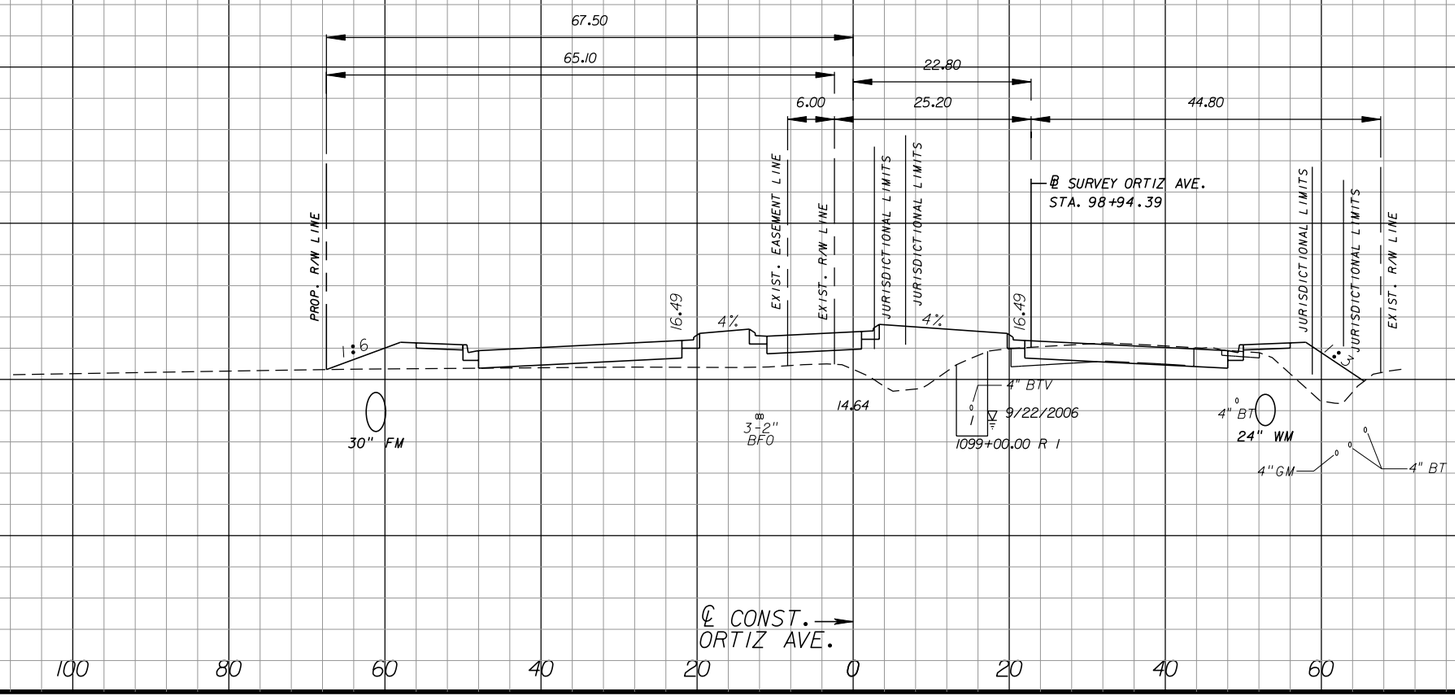
# CROSS SECTIONS
## ORTIZ AVENUE

SHEET NO.
246

apeters
10/11/2010 4:39:16 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




1100+00.00




1099+00.00

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 35 | 121 | 110 | 454 |
| 30 | 190 | 135 | 417 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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APPROVED BY:
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FLORIDA CERTIFICATE NO. 60274

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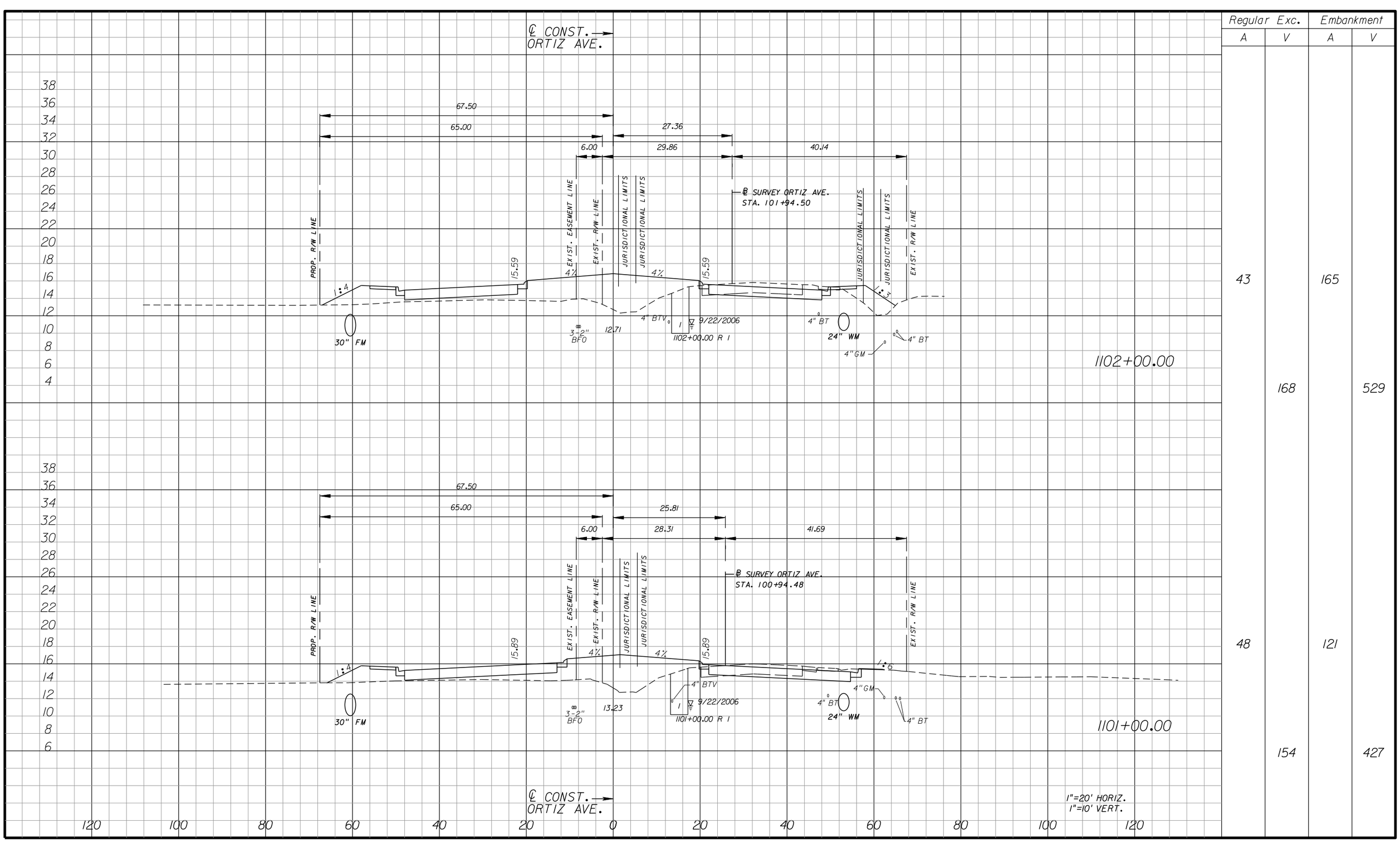
apeters

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 247

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 43 | | 165 | |
| | 168 | | 529 |
| 48 | | 121 | |
| | 154 | | 427 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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FLORIDA CERTIFICATE NO. 60274

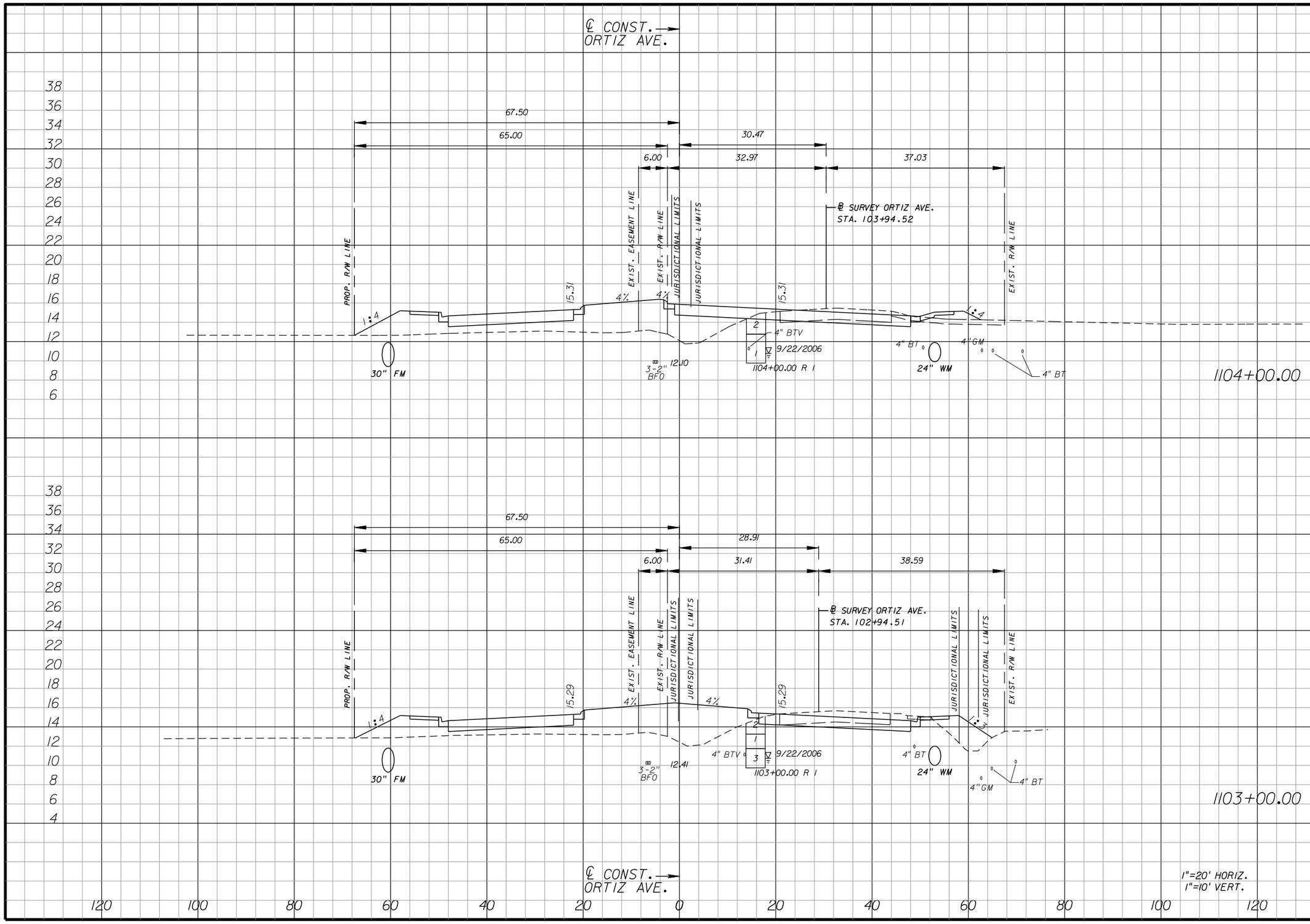
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 248

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 43 | | 148 | |
| | 174 | | 596 |
| 51 | | 175 | |
| | 175 | | 628 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

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SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

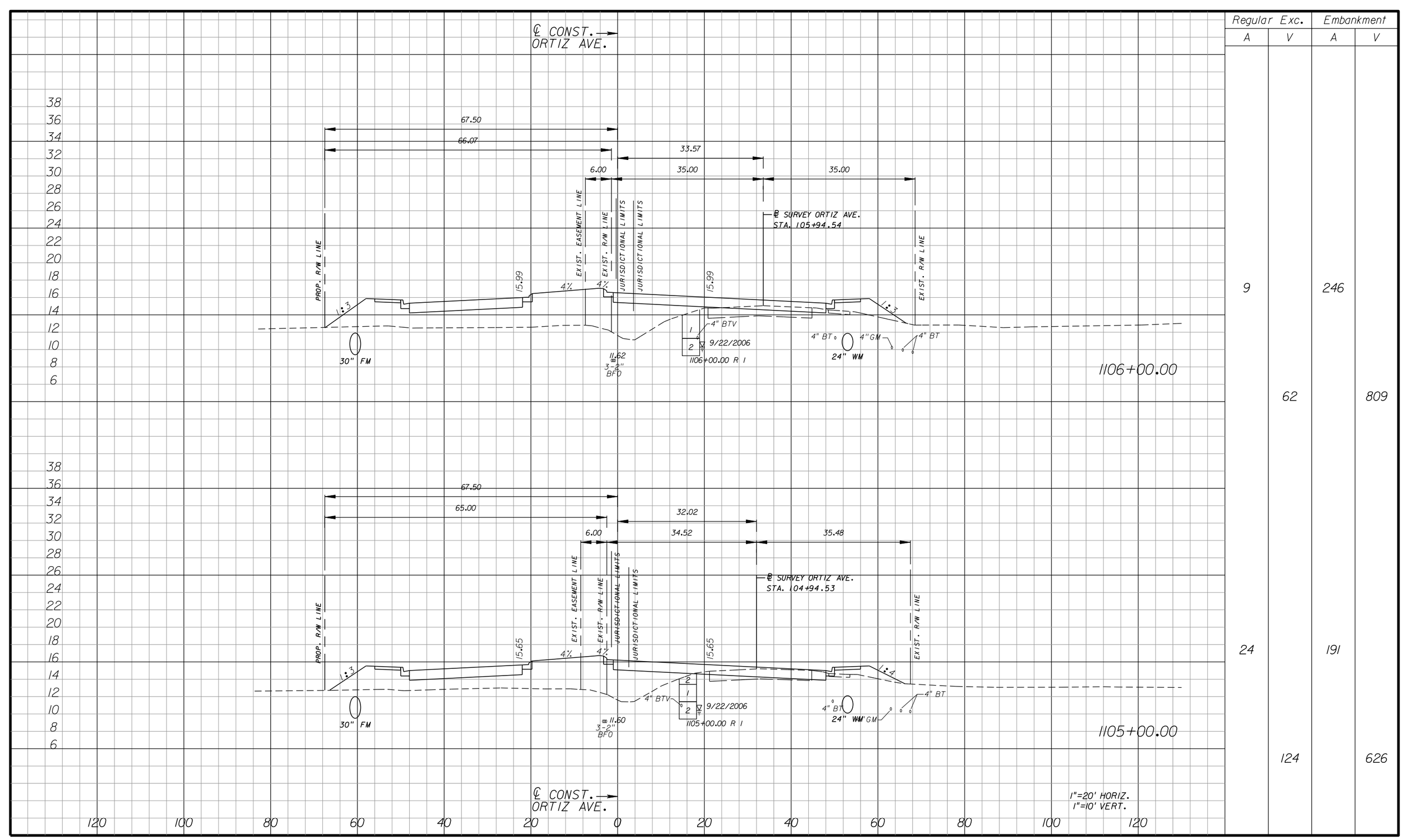
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 249

apeters 10/11/2010 4:39:31 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 9 | | 246 | |
| | 62 | | 809 |
| 24 | | 191 | |
| | 124 | | 626 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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FLORIDA CERTIFICATE NO. 60274

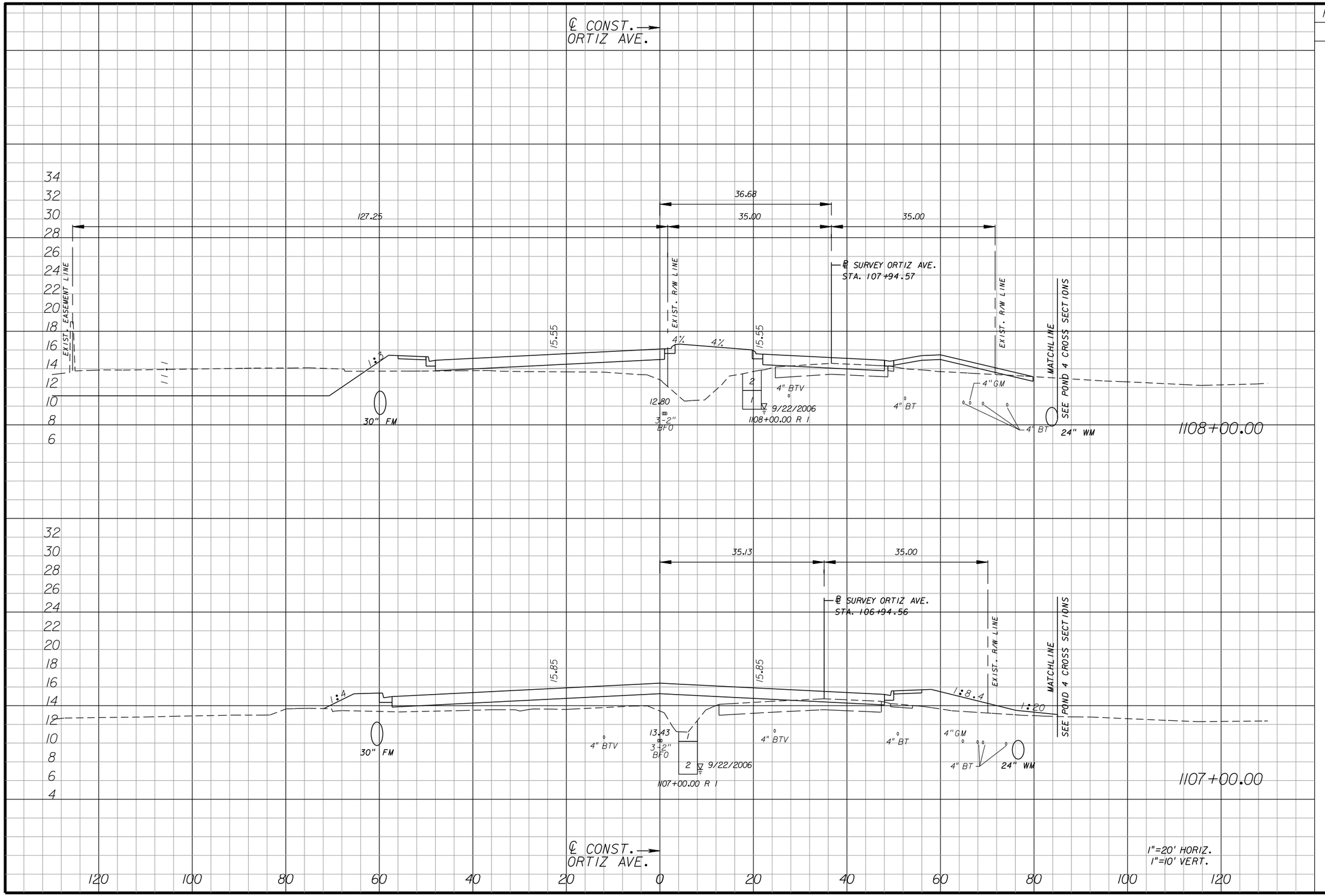
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 250

apeters 10/11/2010 4:39:36 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 245 | | 158 | |
| | 463 | | 574 |
| 6 | | 152 | |
| | 28 | | 737 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

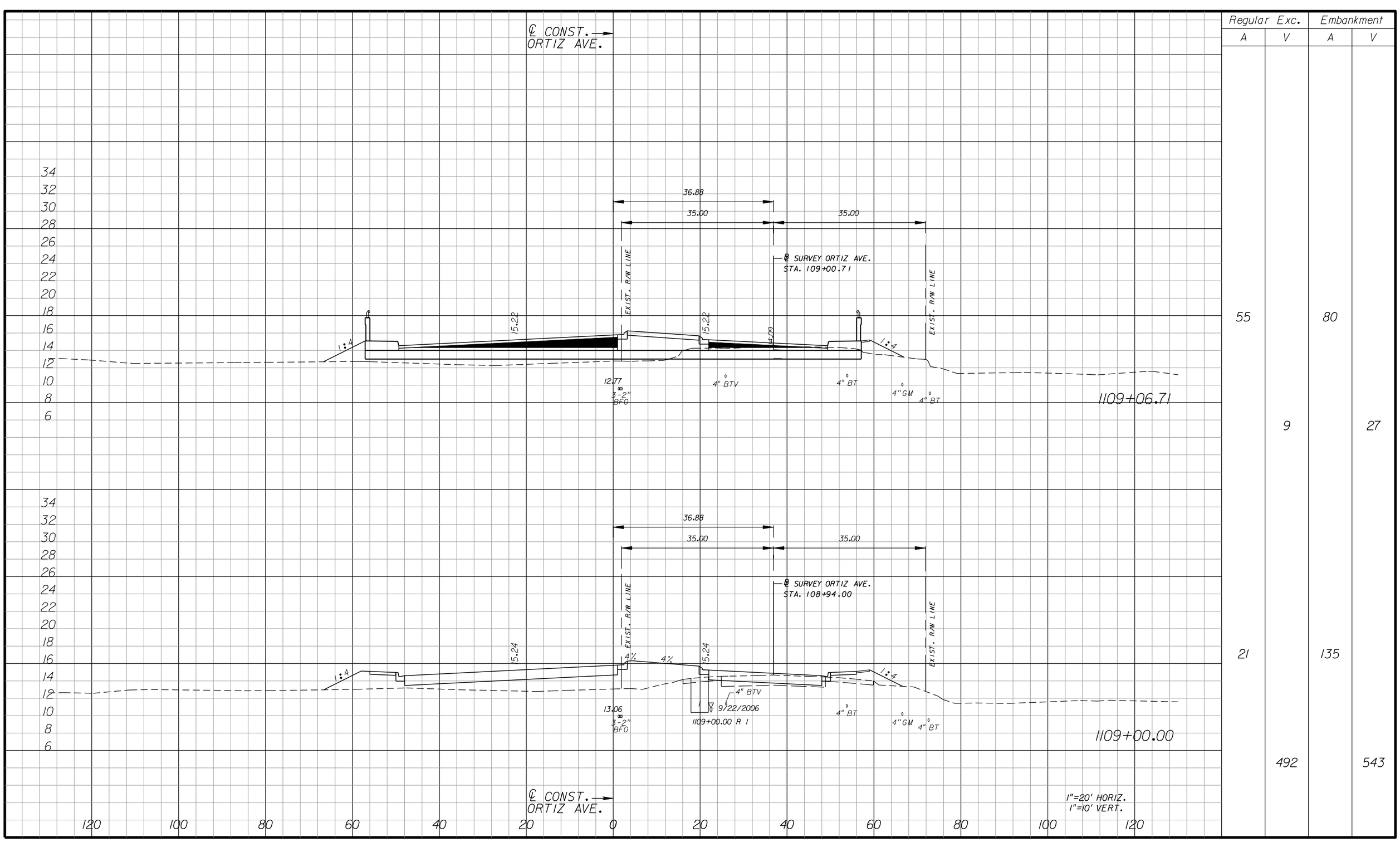

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 251

apeters 10/11/2010 4:39:41 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 55 | | 80 | |
| | 9 | | 27 |
| 21 | | 135 | |
| | 492 | | 543 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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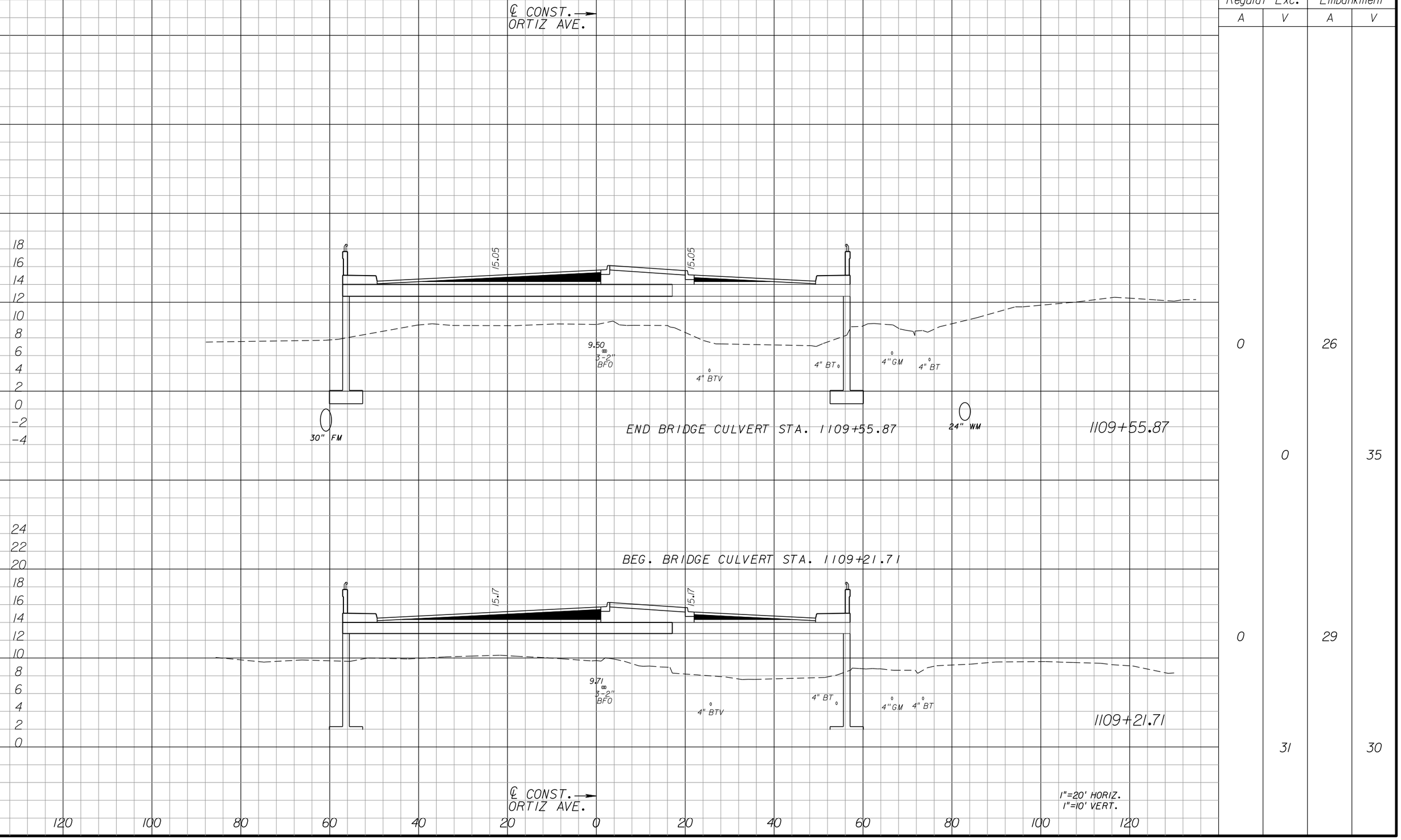
# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 252

apeters

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 26 | |
| | 0 | | 35 |
| 0 | | 29 | |
| | 31 | | 30 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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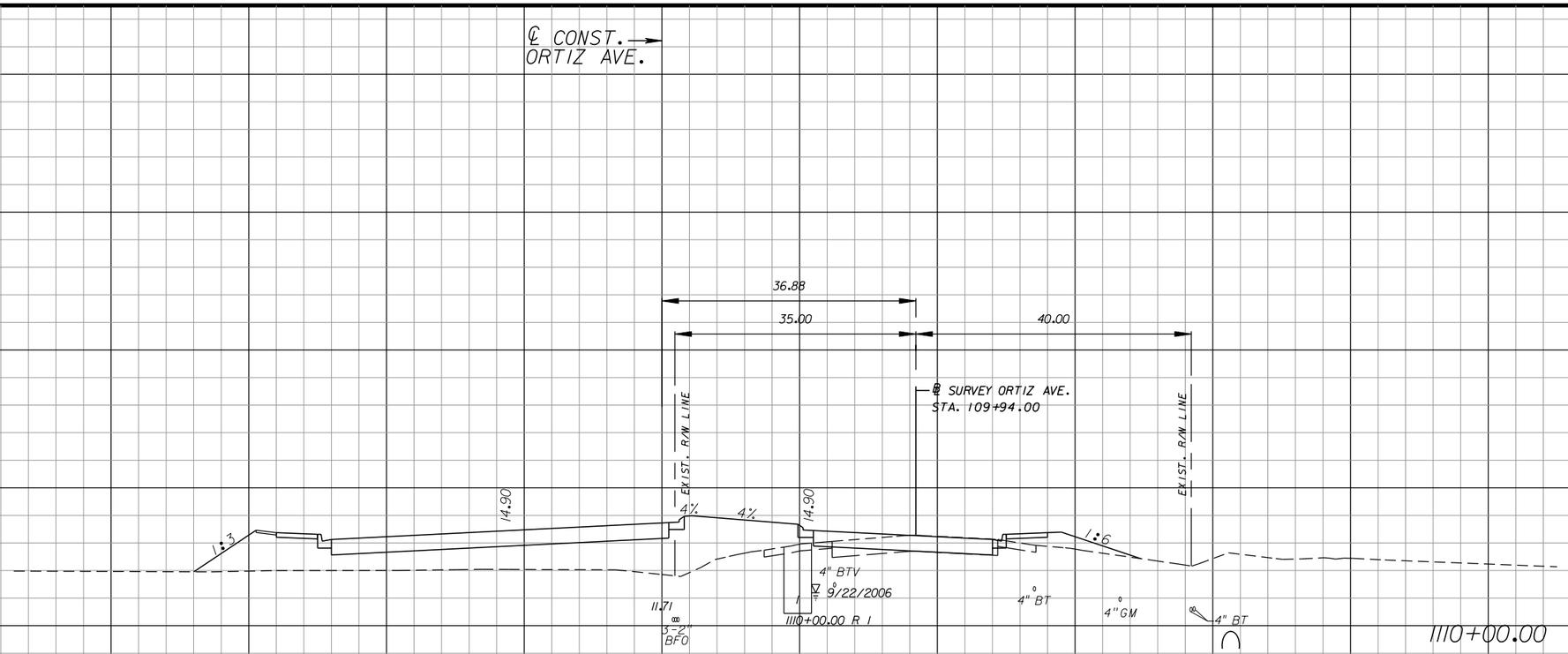

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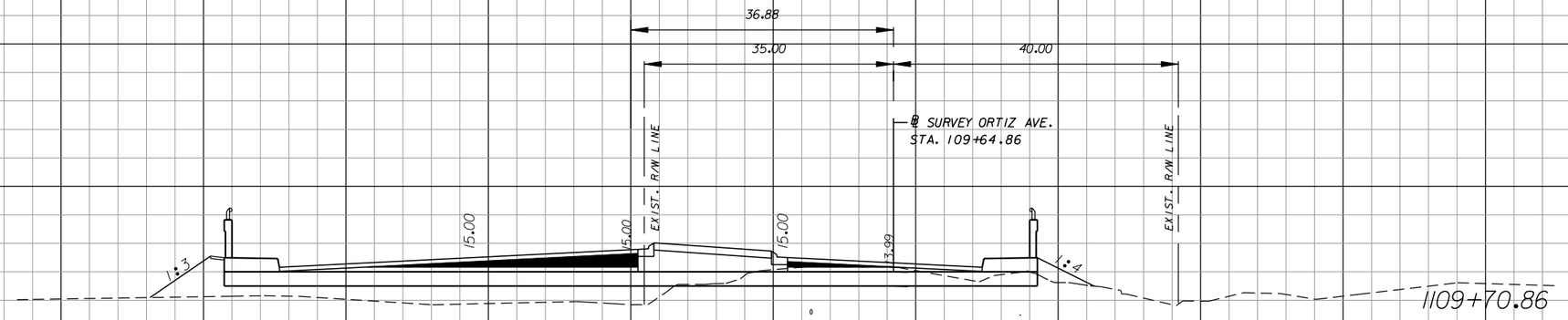

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 253

apeters
10/11/2010 4:39:48 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 25 | | 186 | |
| | 27 | | 201 |
| 45 | | 113 | |
| | 25 | | 39 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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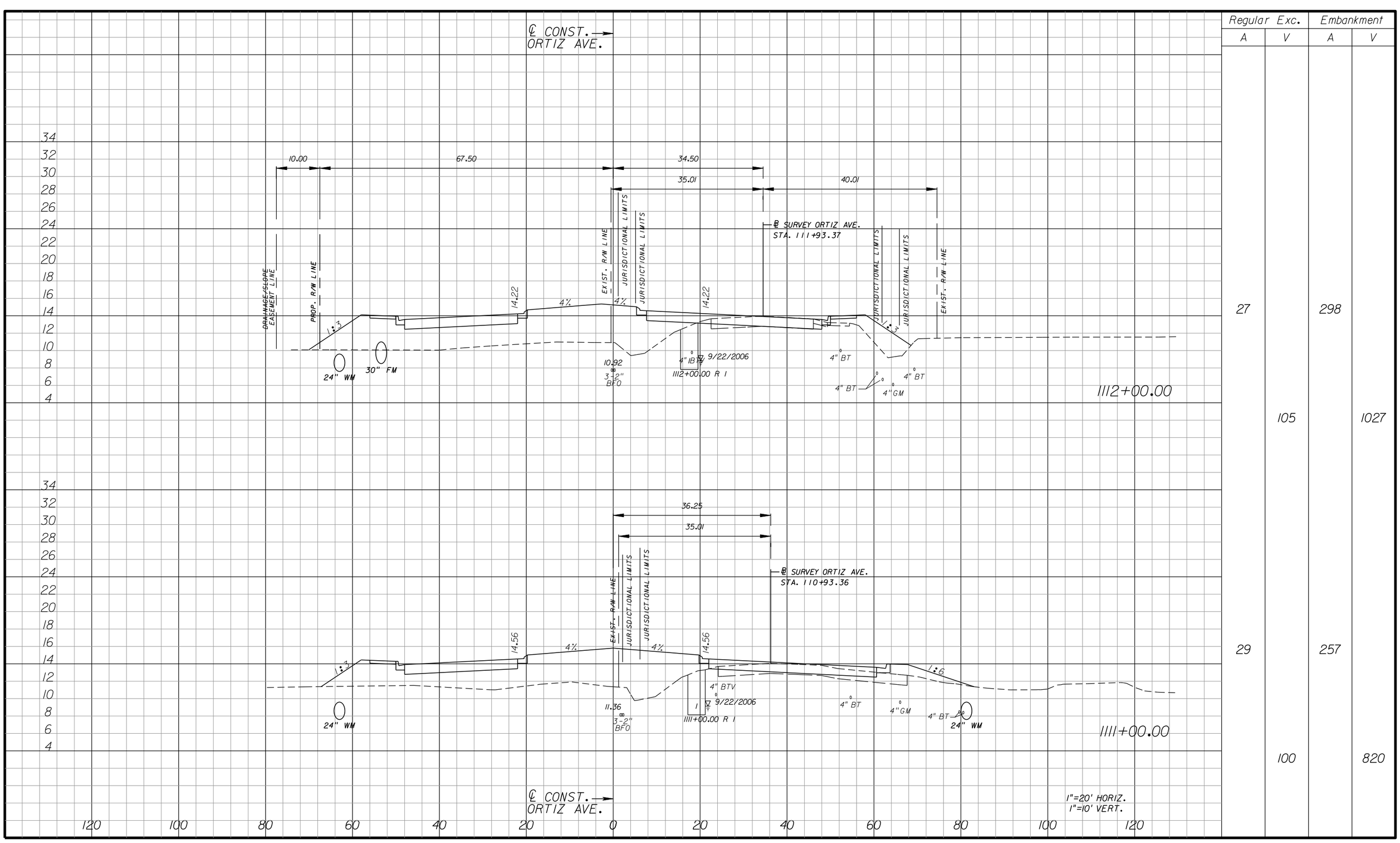
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 254

apeters 10/11/2010 4:39:51 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 27 | | 298 | |
| | 105 | | 1027 |
| 29 | | 257 | |
| | 100 | | 820 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

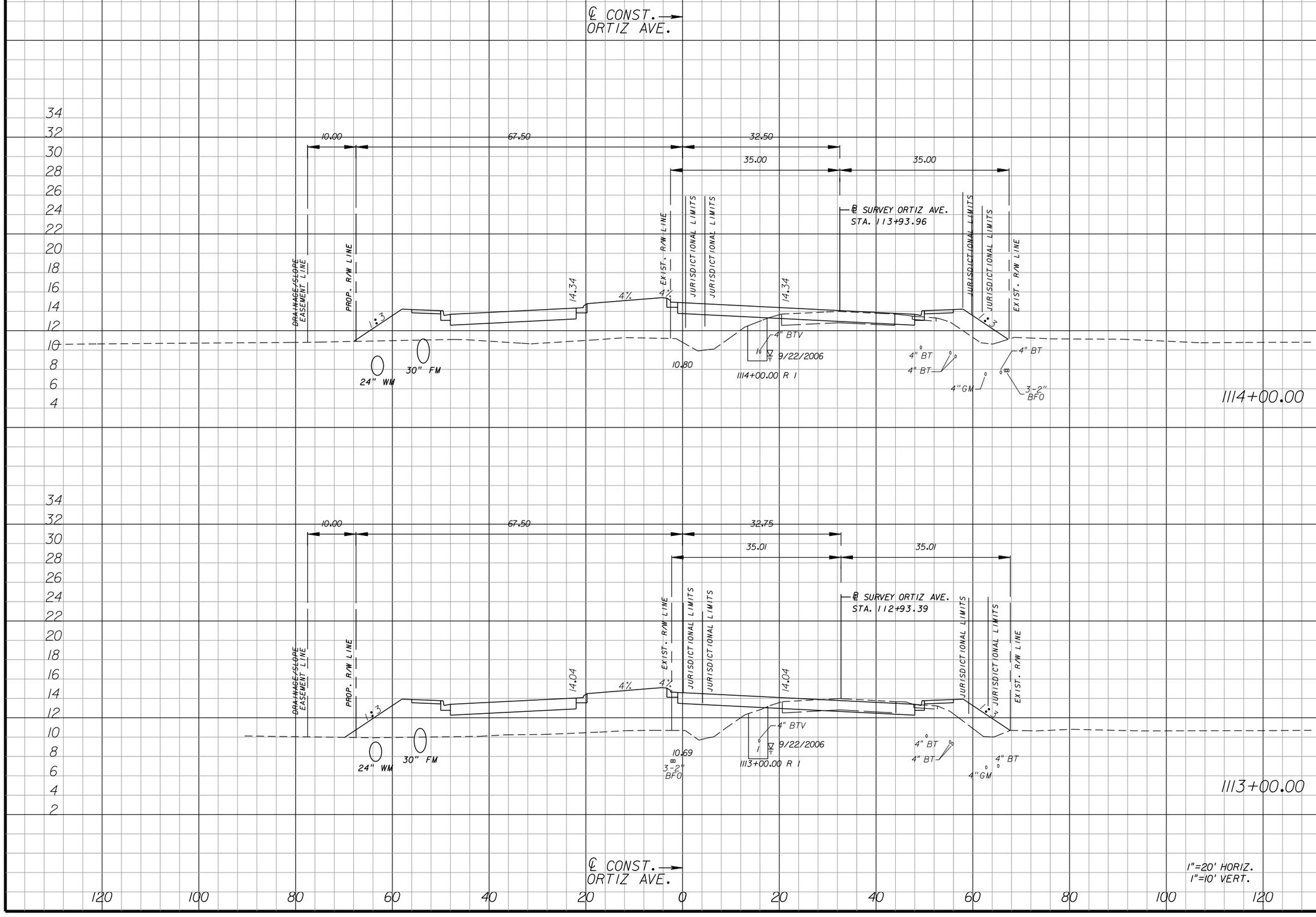

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 255

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 26 | | 240 | |
| | 113 | | 939 |
| 35 | | 267 | |
| | 115 | | 1046 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

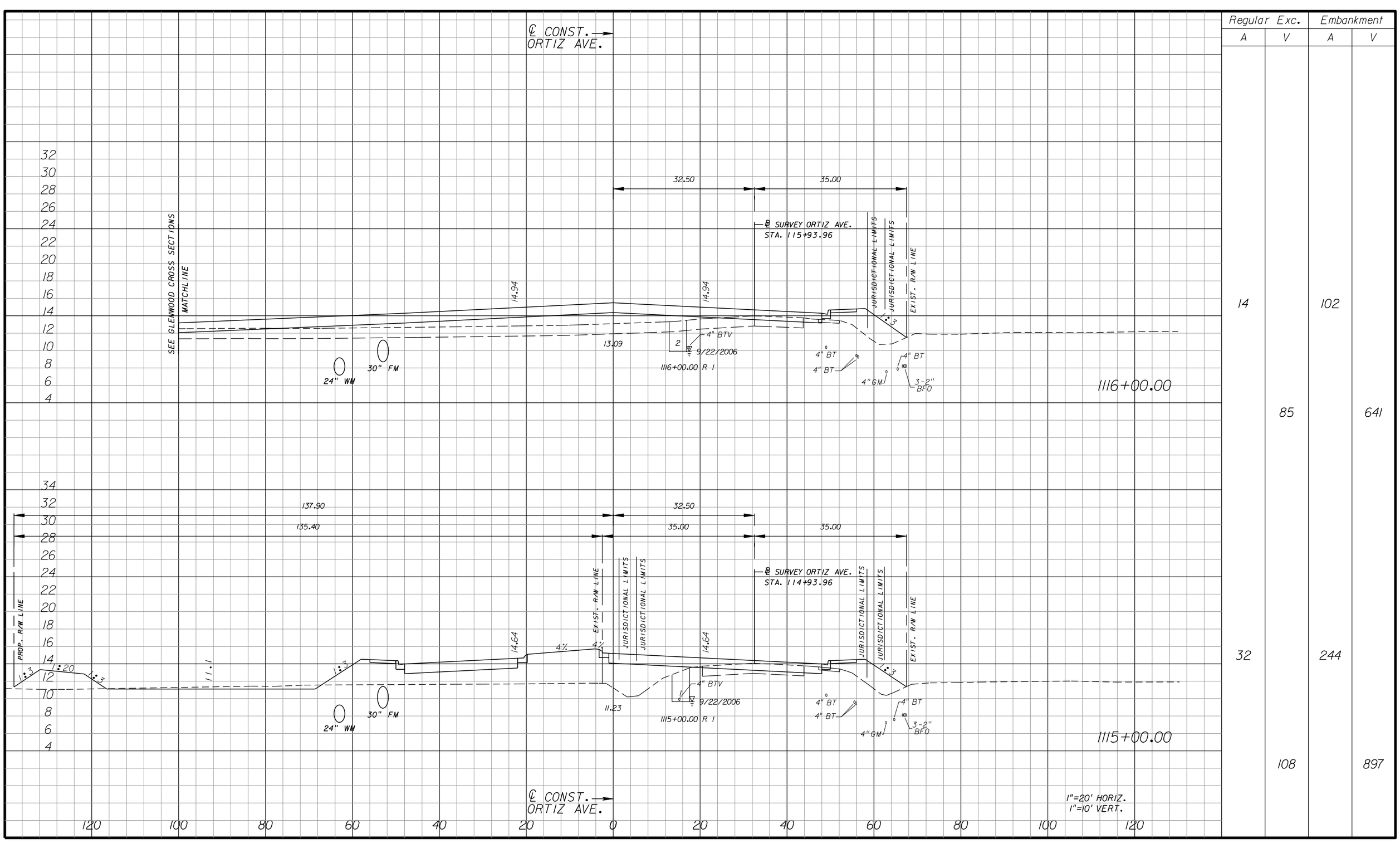

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 256

apeters 10/11/2010 4:39:58 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 14 | | 102 | |
| | 85 | | 641 |
| 32 | | 244 | |
| | 108 | | 897 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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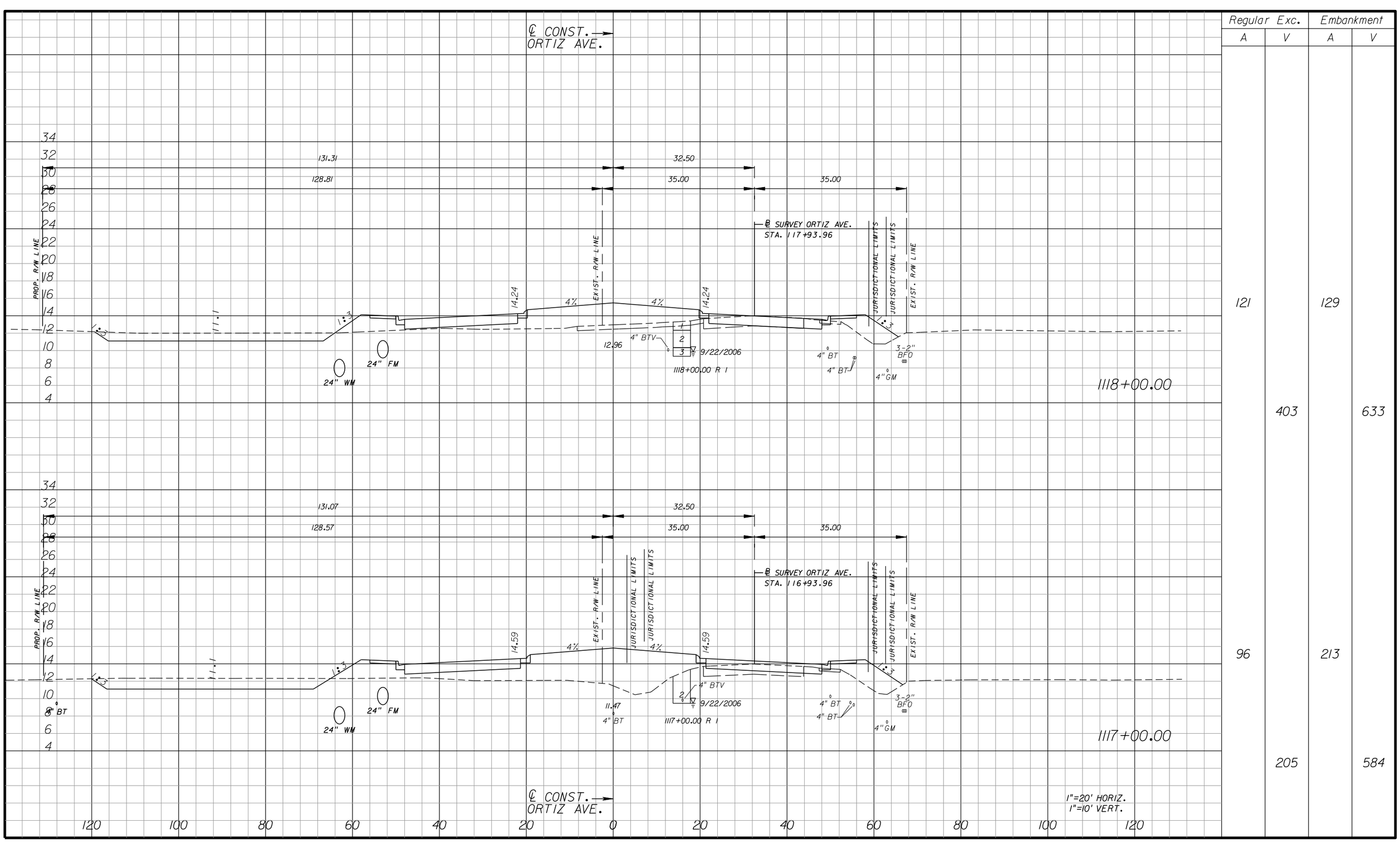

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 257

apeters 10/11/2010 4:40:02 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 121 | | 129 | |
| | 403 | | 633 |
| 96 | | 213 | |
| | 205 | | 584 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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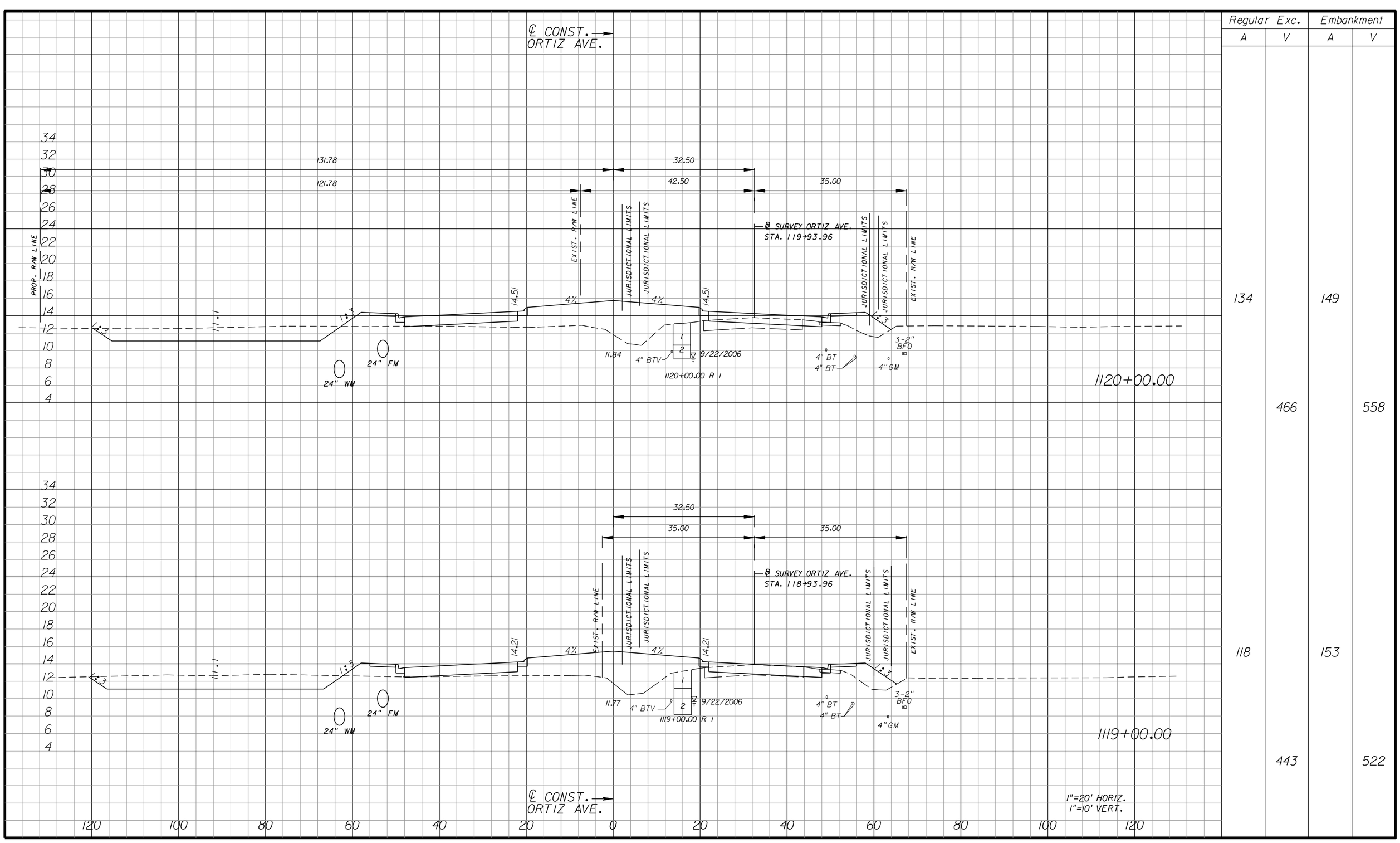

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 258

apeters 10/11/2010 4:40:05 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 134 | | 149 | |
| | 466 | | 558 |
| 118 | | 153 | |
| | 443 | | 522 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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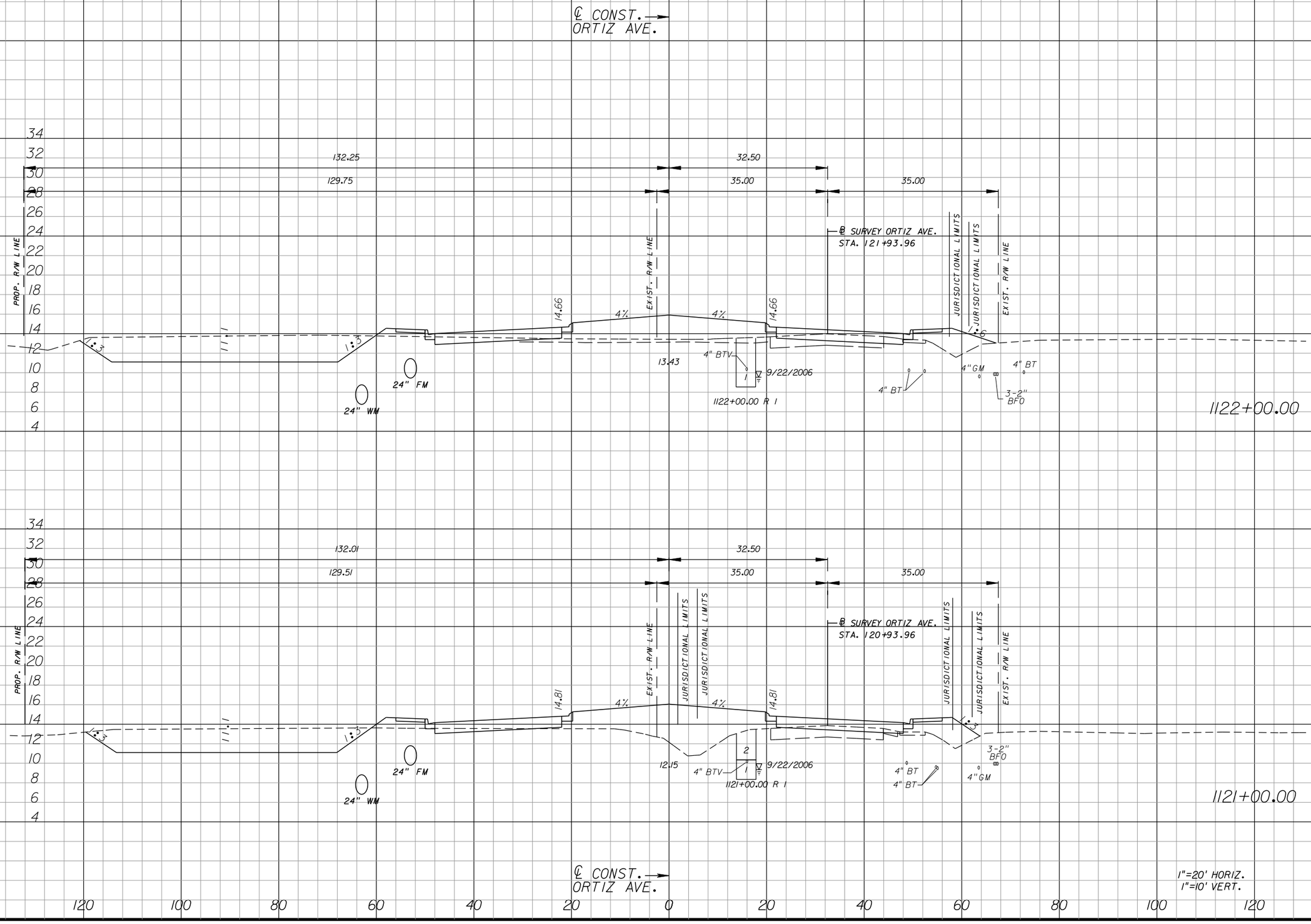

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 259

apeters 10/11/2010 4:40:10 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 176 | | 105 | |
| | 657 | | 461 |
| 179 | | 144 | |
| | 580 | | 543 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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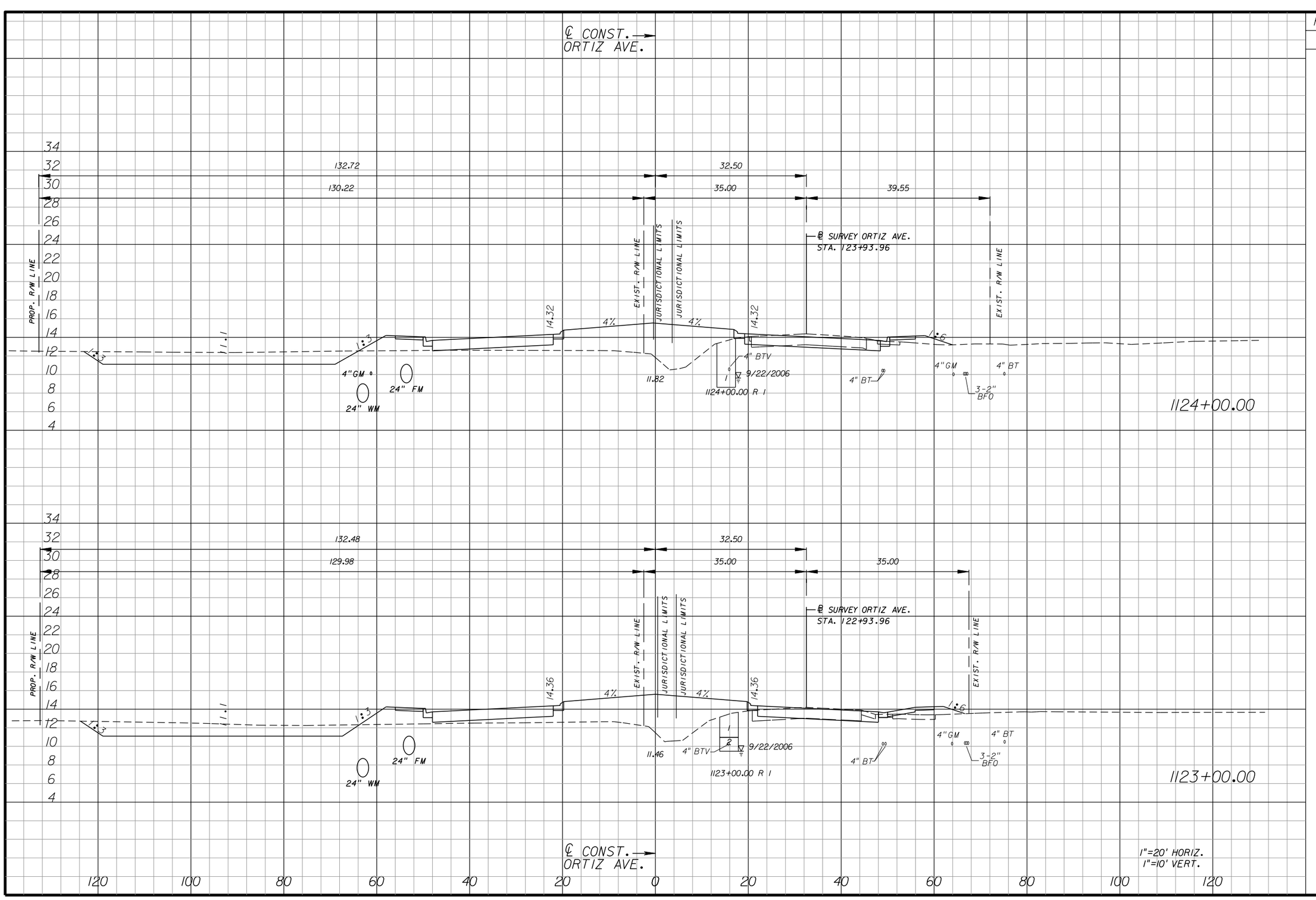

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 260

apeters 10/11/2010 4:40:13 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 108 | | 139 | |
| | 374 | | 544 |
| 94 | | 154 | |
| | 500 | | 479 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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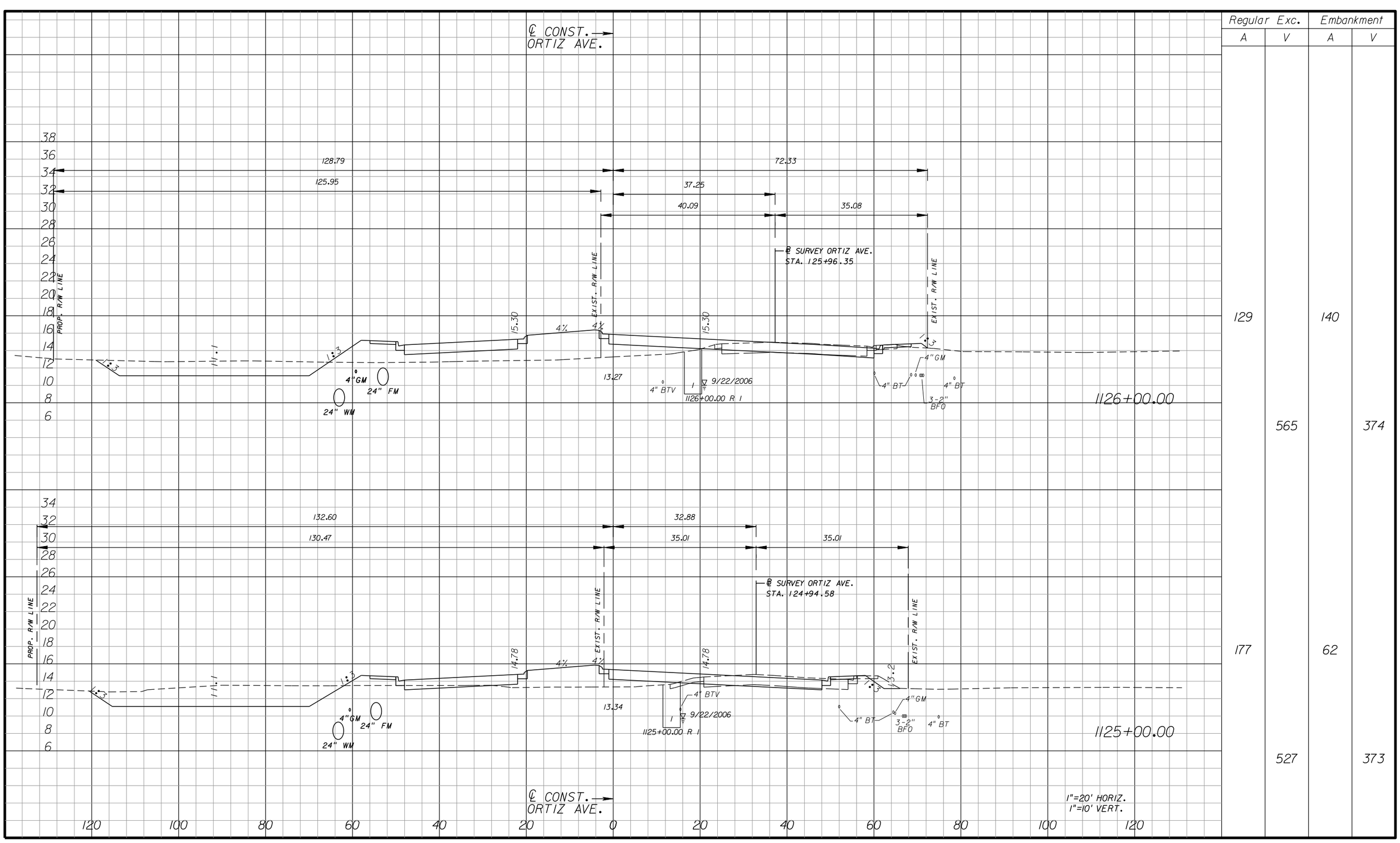

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 261

apeters
10/11/2010 4:40:17 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 129 | 565 | 140 | 374 |
| 177 | 527 | 62 | 373 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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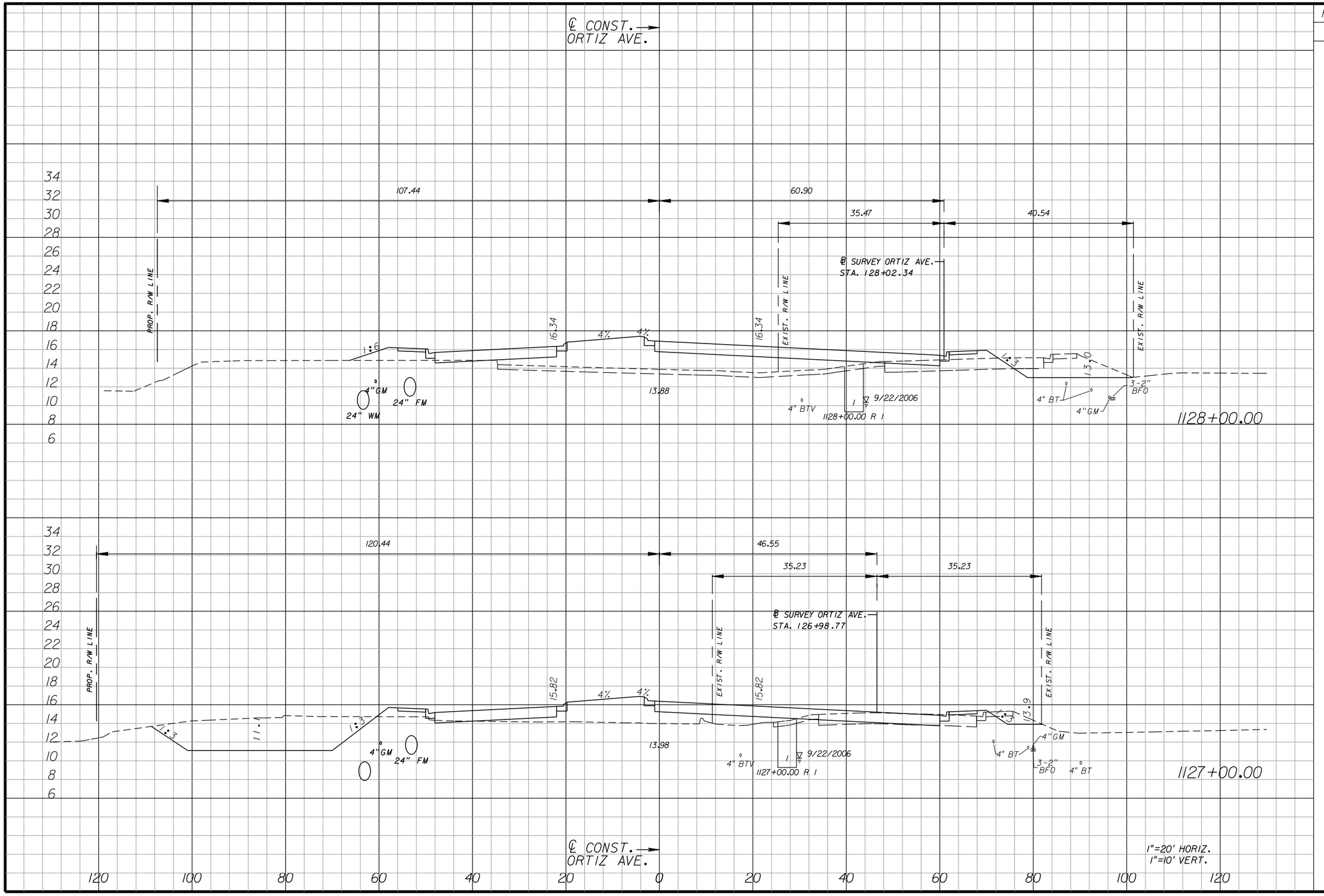

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 262

apeters 10/11/2010 4:40:20 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 53 | | 154 | |
| | 426 | | 449 |
| 177 | | 88 | |
| | 566 | | 422 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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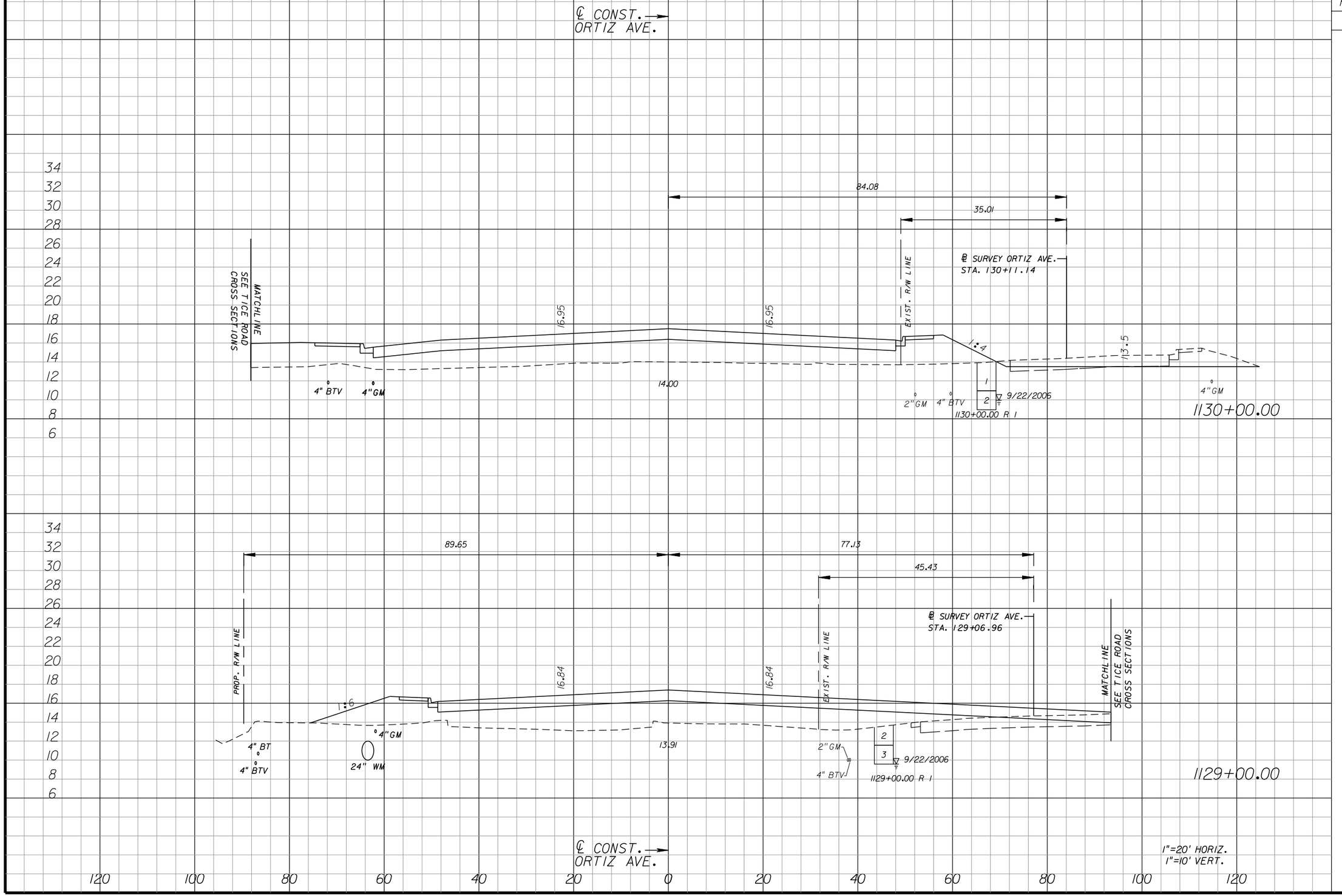

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 263

apeters 10/11/2010 4:40:23 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 59 | | 316 | |
| | 130 | | 1095 |
| 11 | | 275 | |
| | 119 | | 795 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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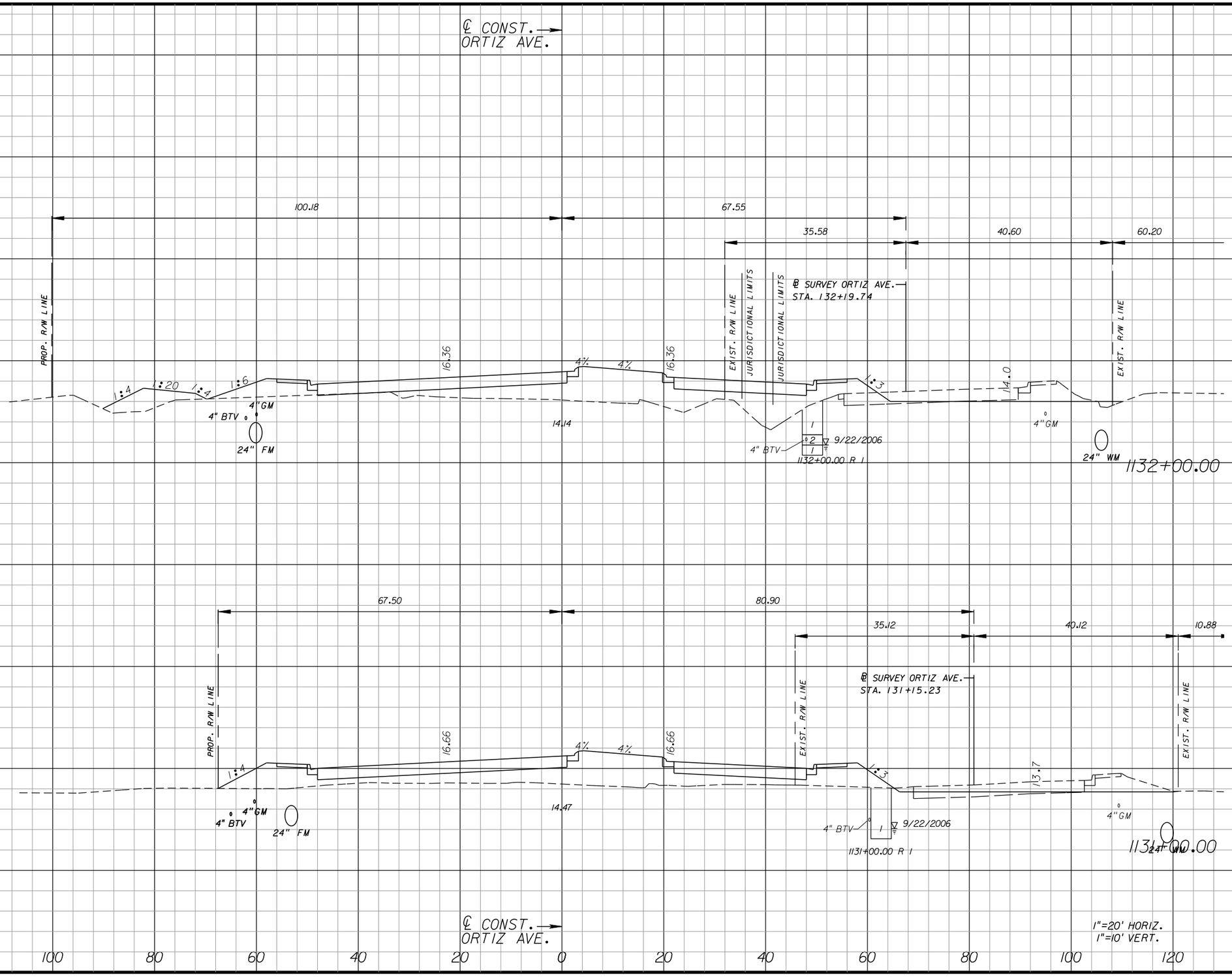

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 264

apeters
10/11/2010 4:40:26 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 50 | | 215 | |
| | 185 | | 748 |
| 49 | | 189 | |
| | 201 | | 936 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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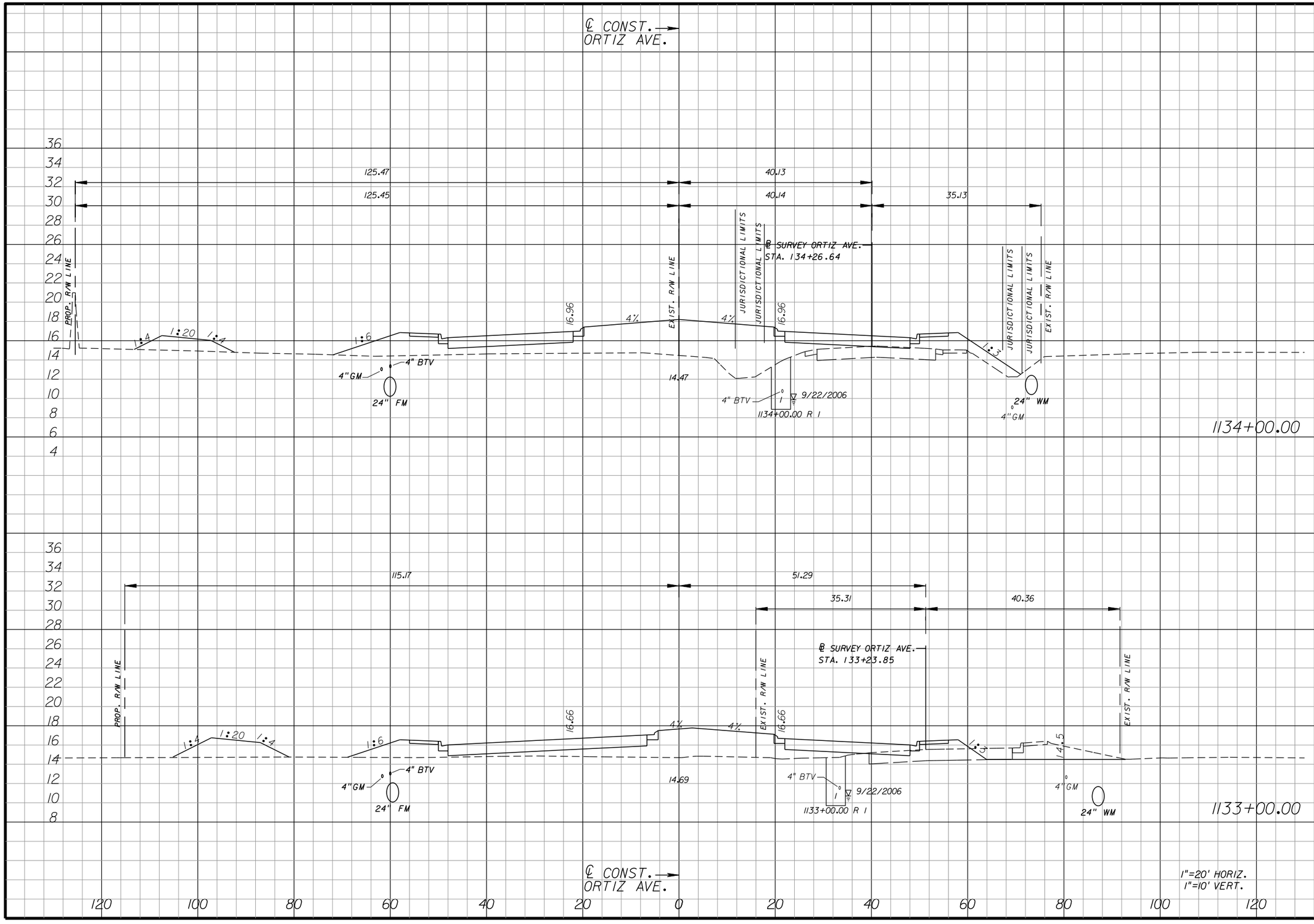

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 265

apeters 10/11/2010 4:40:30 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 1 | | 288 | |
| | 71 | | 846 |
| 38 | | 169 | |
| | 163 | | 711 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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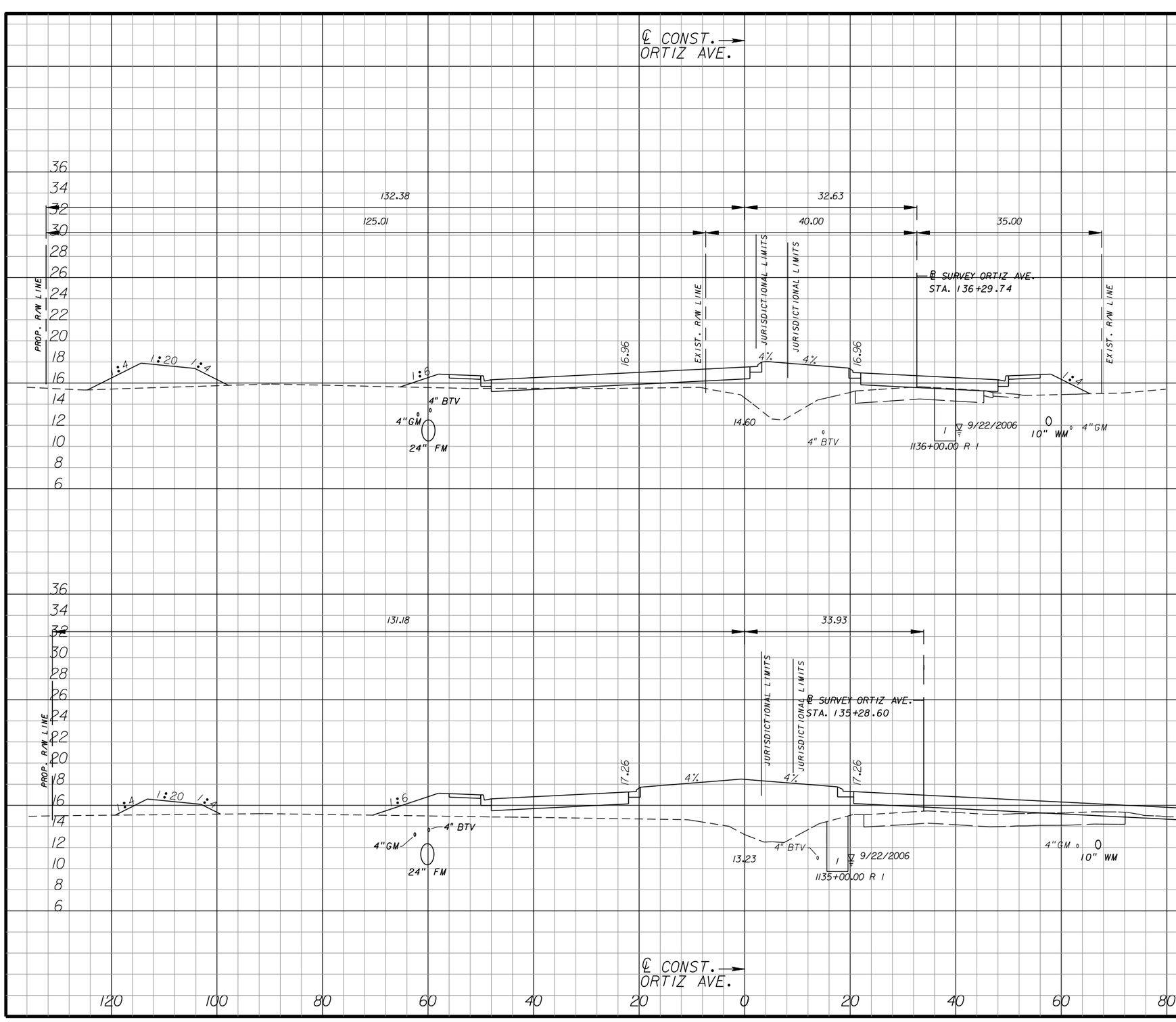
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 266

apeters 10/11/2010 4:40:34 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 1 | | 172 | |
| | 15 | | 864 |
| 7 | | 294 | |
| | 14 | | 1078 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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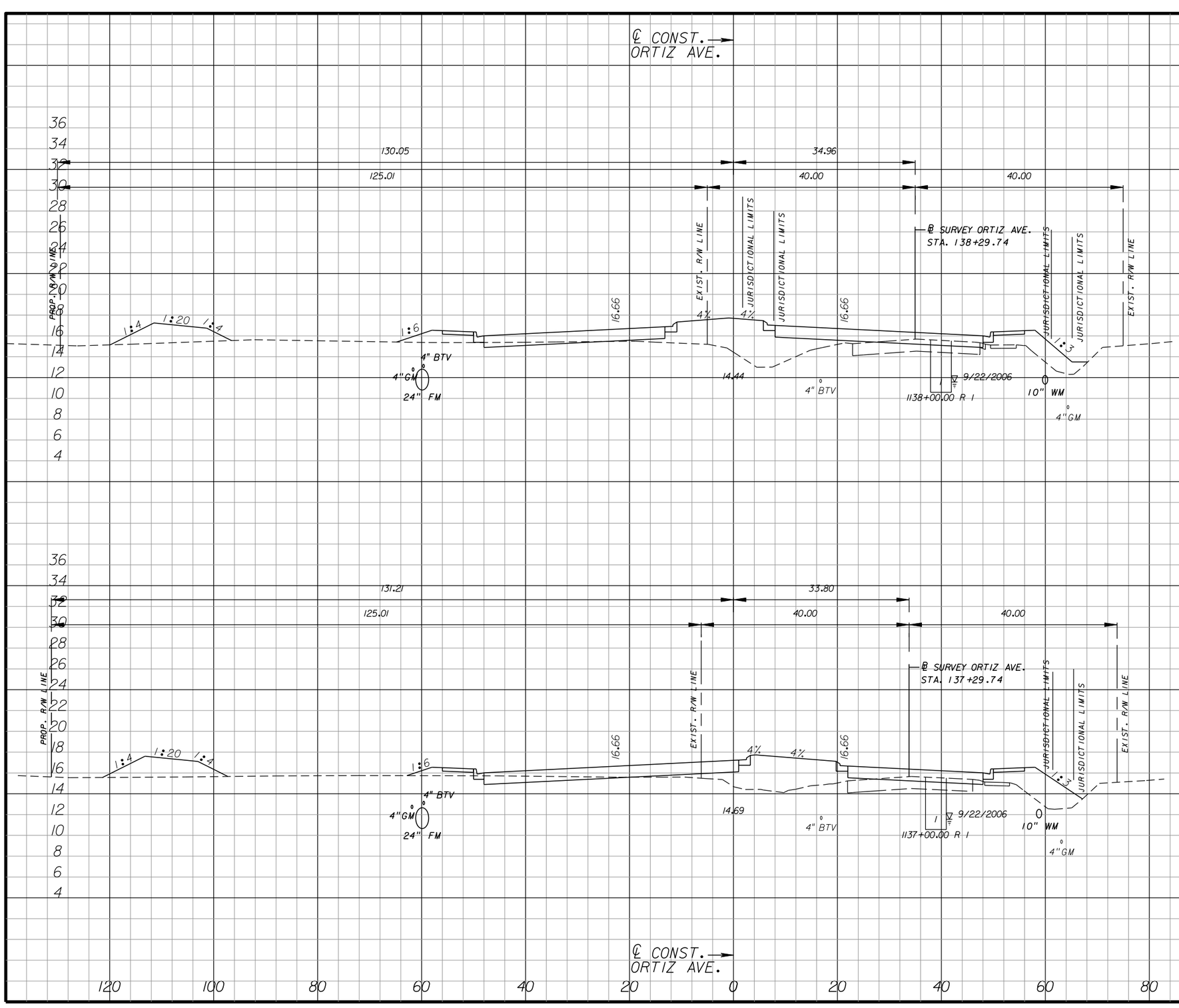

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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 267

apeters 10/11/2010 4:40:37 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 12 | 73 | 152 | 526 |
| 27 | 53 | 132 | 563 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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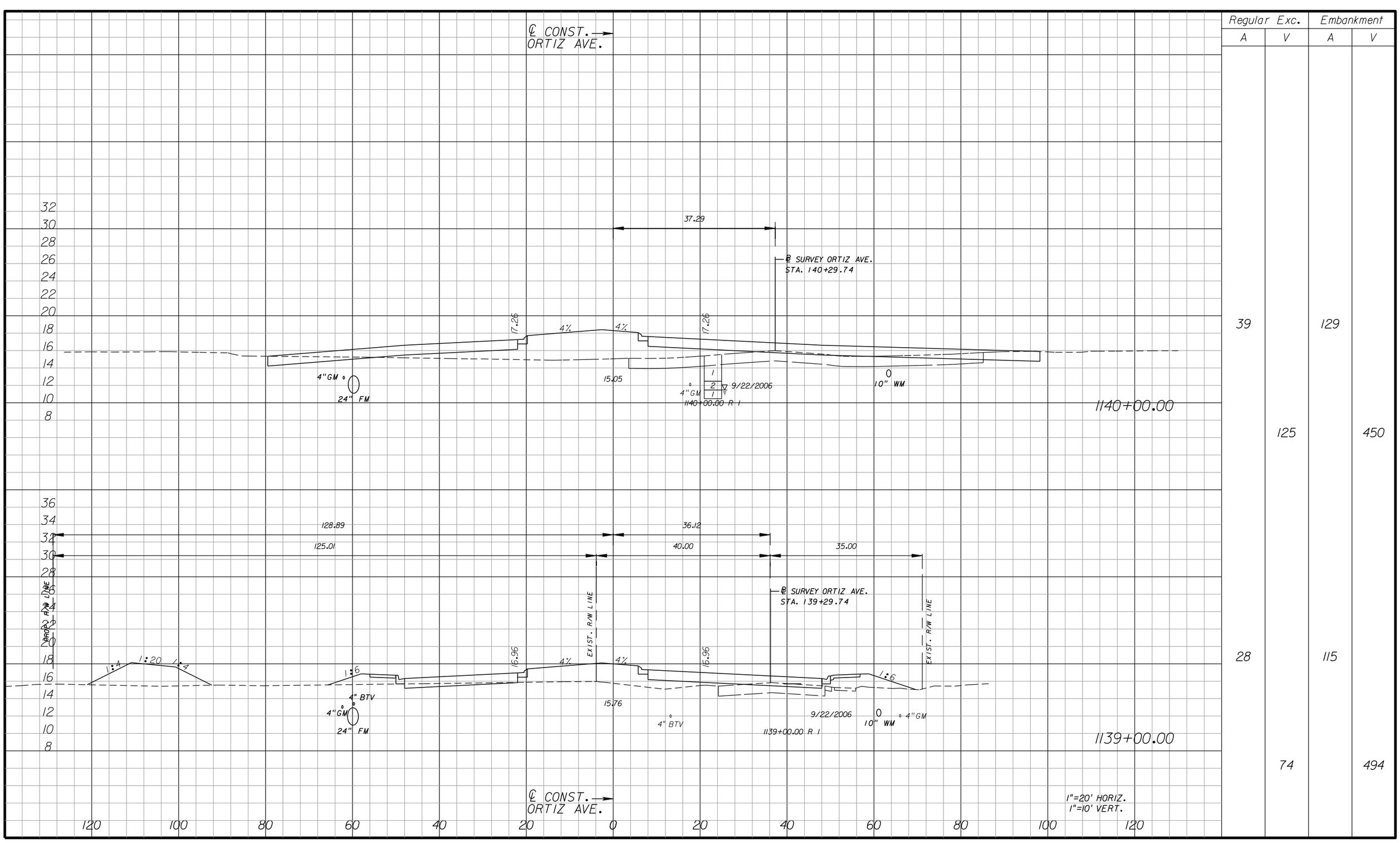
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# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 268

apeters
10/11/2010 4:40:41 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 39 | | 129 | |
| | 125 | | 450 |
| 28 | | 115 | |
| | 74 | | 494 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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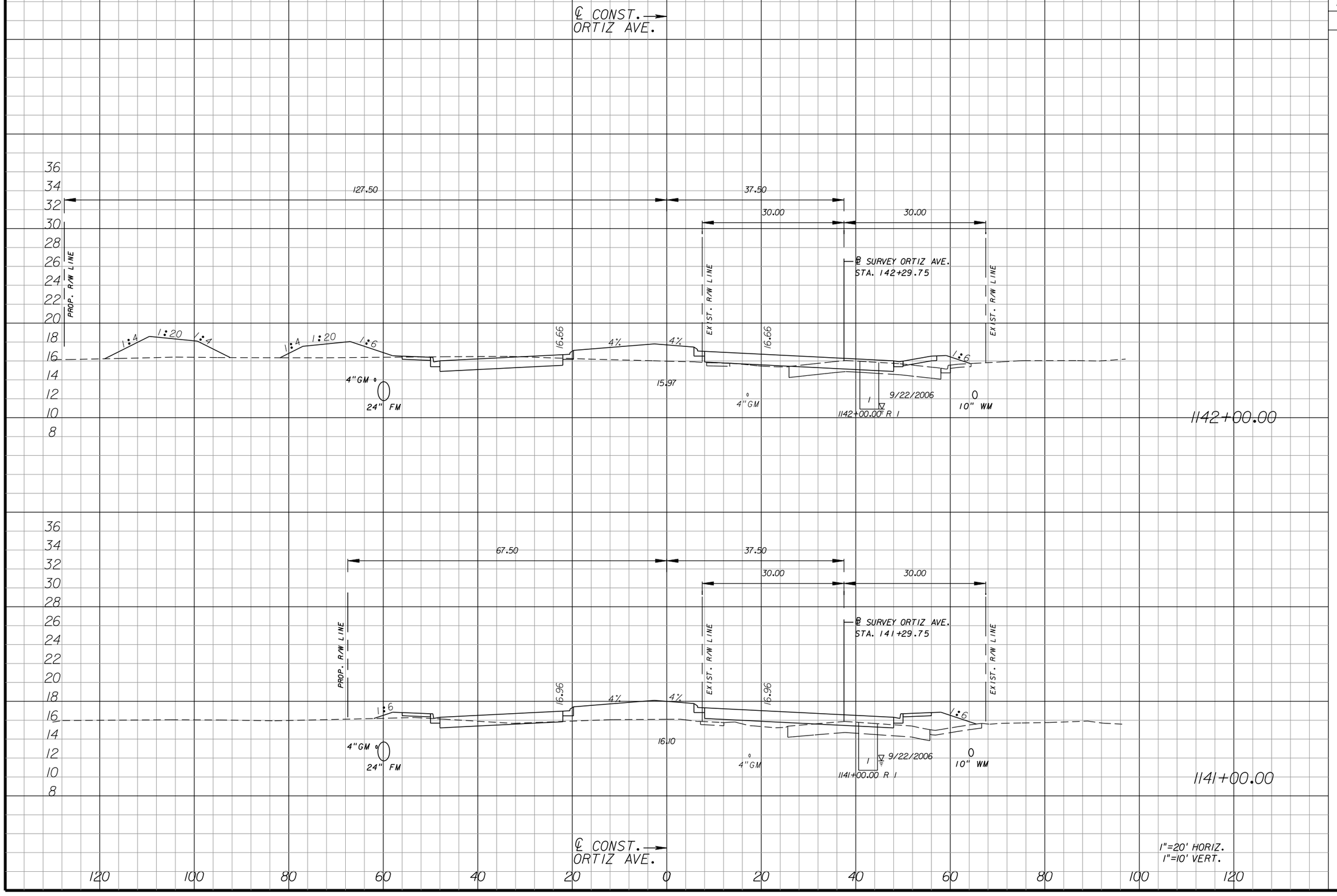
# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 269

apeters

10/11/2010 4:40:45 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 52 | | 98 | |
| | 140 | | 318 |
| 24 | | 74 | |
| | 118 | | 375 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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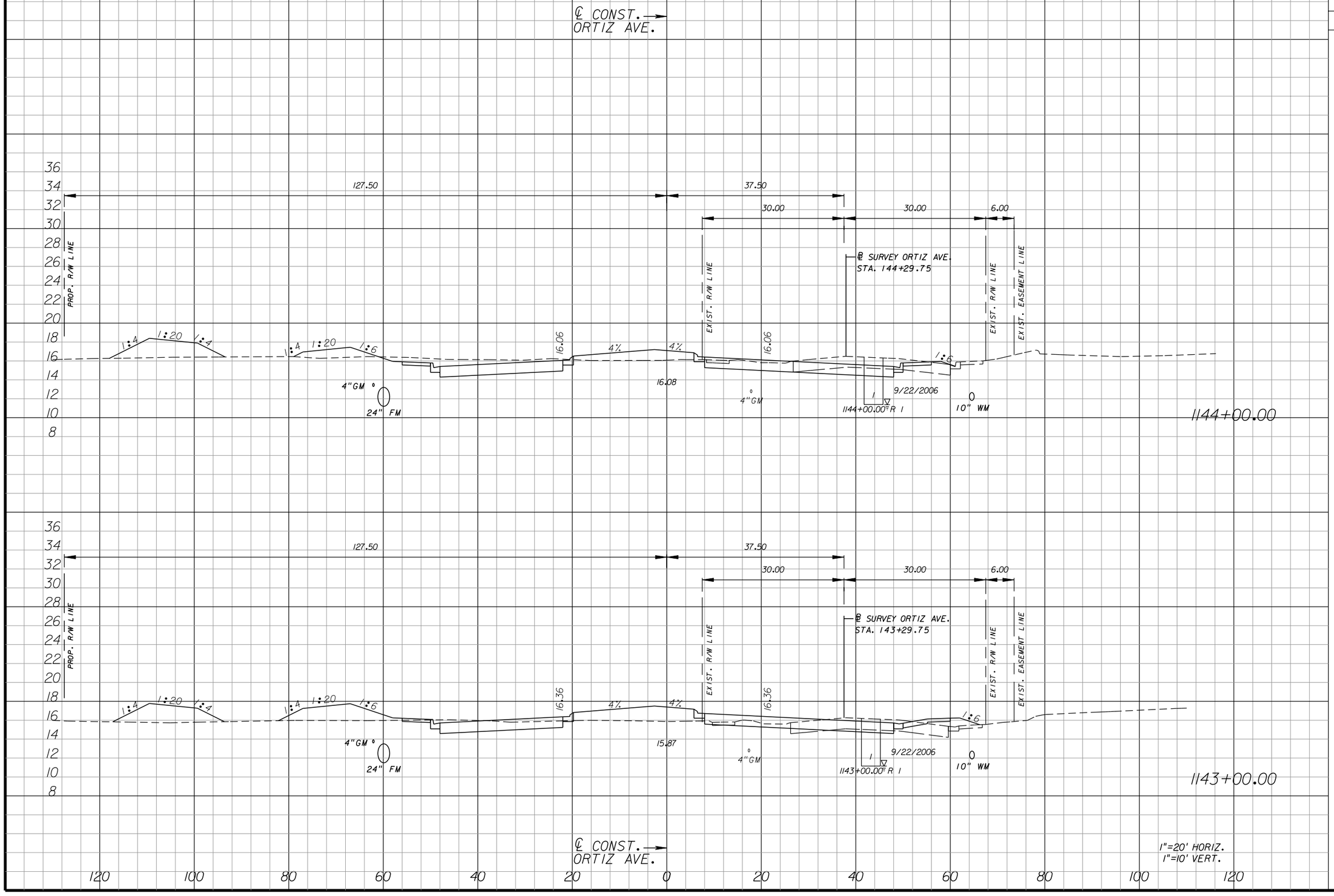

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 270

apeters

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| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 107 | | 66 | |
| | 346 | | 297 |
| 80 | | 94 | |
| | 244 | | 356 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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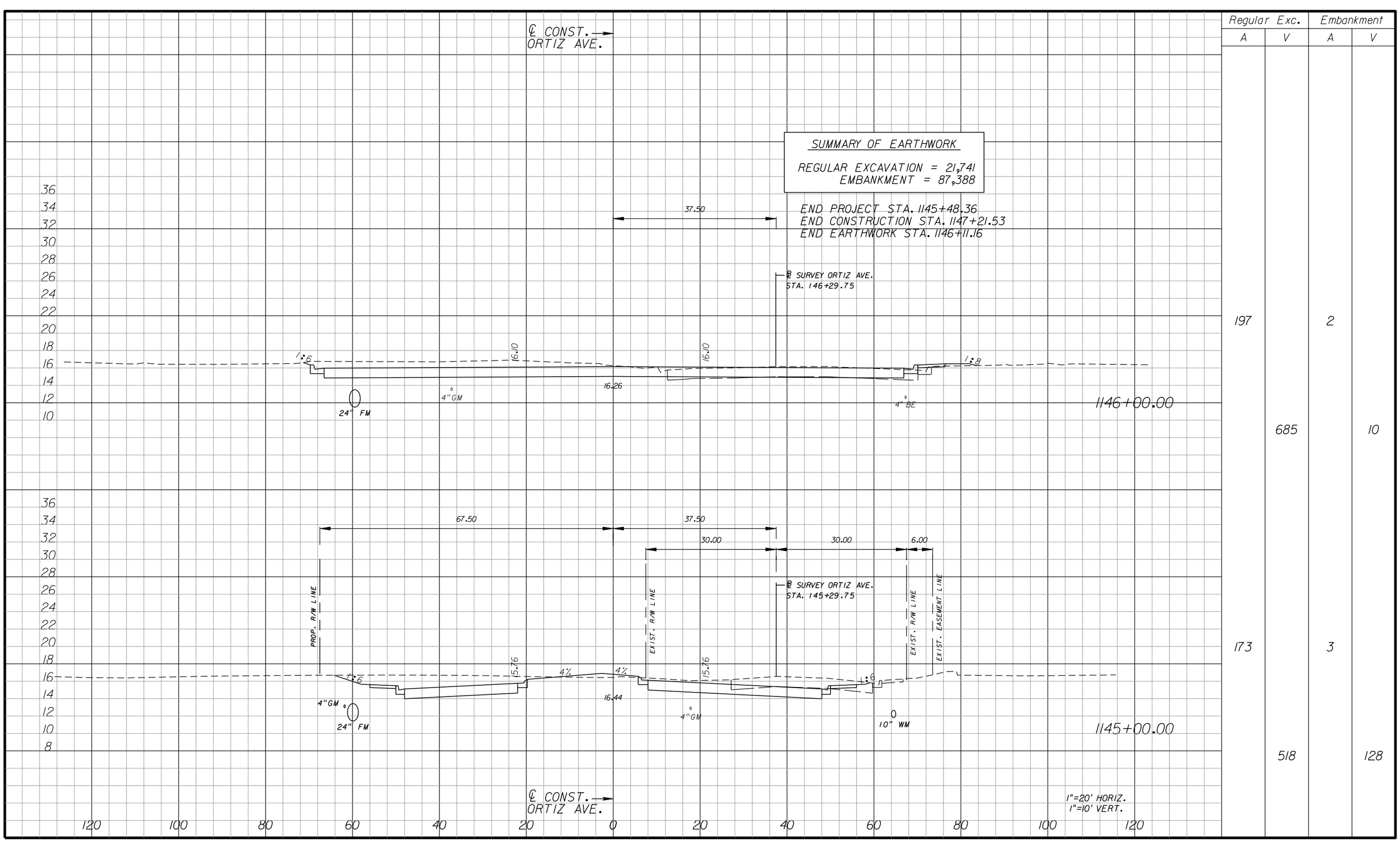

# CROSS SECTIONS

## ORTIZ AVENUE

SHEET NO. 271

apeters

10/11/2010 4:40:52 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 197 | | 2 | |
| | 685 | | 10 |
| 173 | | 3 | |
| | 518 | | 128 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
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FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm


# CROSS SECTIONS

## ORTIZ AVENUE

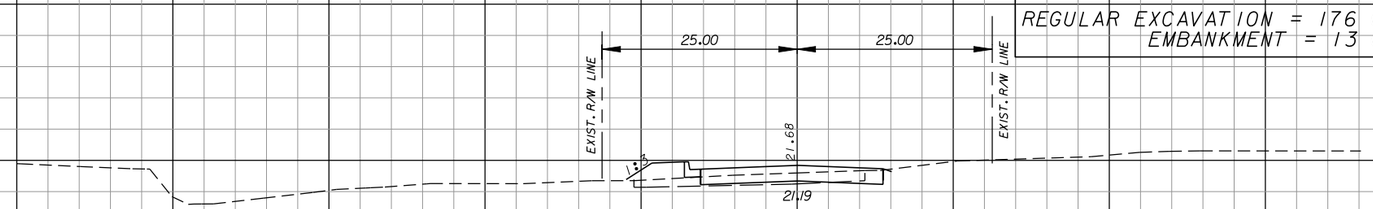
SHEET NO. 272

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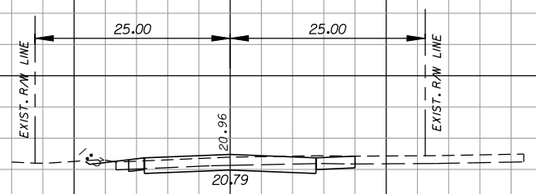
℄ IMMOKALEE RD. →

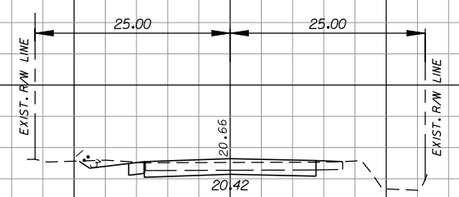
**SUMMARY OF EARTHWORK**

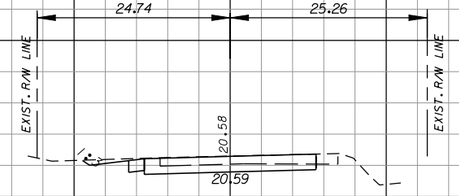
REGULAR EXCAVATION = 176 CY
EMBANKMENT = 13 CY




END CONSTRUCTION STA. 603+21.52
END EARTHWORK STA. 603+21.52




BEG. CONSTRUCTION STA. 600+72.79
BEG. EARTHWORK STA. 600+72.79

℄ IMMOKALEE RD. →

100 80 60 40 20 0 20 40 60 80 100

1"=20' HORIZ.
1"=10' VERT.

| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 603+00.00 | 11 | | 6 | |
| | | 66 | | 0 |
| 602+00.00 | 25 | | 0 | |
| | | 87 | | 1 |
| 601+00.00 | 22 | | 0 | |
| | | 23 | | 0 |
| 600+73.03 | 25 | | 0 | |
| | 0 | | 0 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

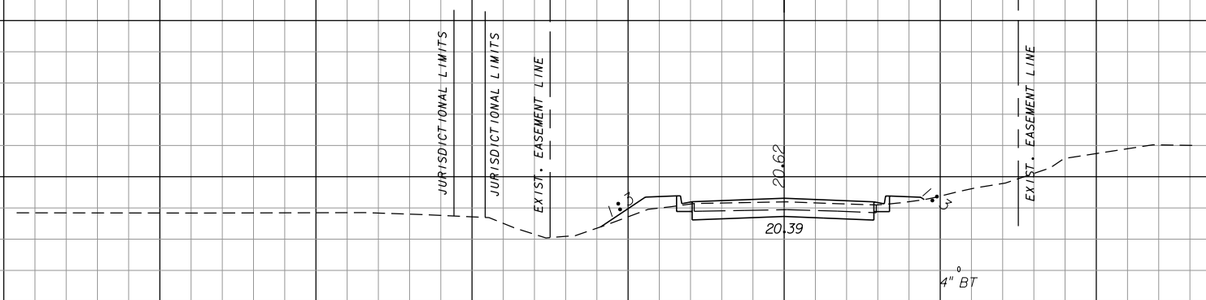

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1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# CROSS SECTIONS
# IMMOKALEE ROAD

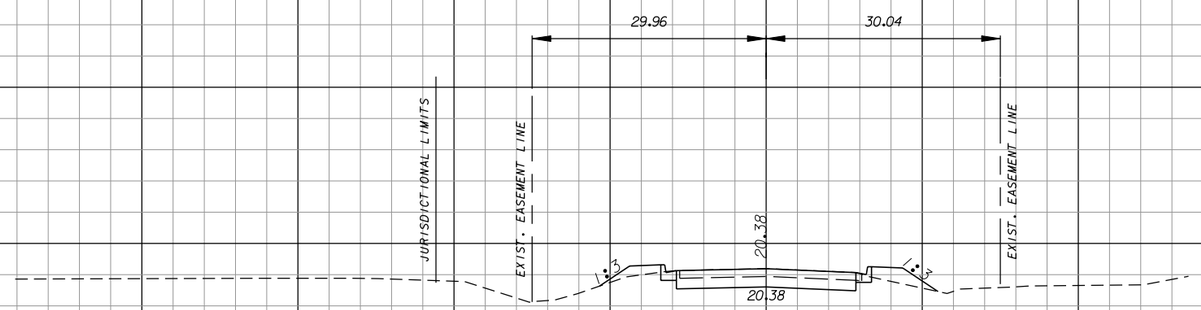


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℄ LAREDO AVE. →




194+00.00




BEGIN CONSTRUCTION STA. 193+55.50
BEGIN EARTHWORK STA. 193+55.50

193+55.64

℄ LAREDO AVE. →

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 24 | | 10 | |
| | 44 | | 13 |
| 29 | | 6 | |
| | 0 | | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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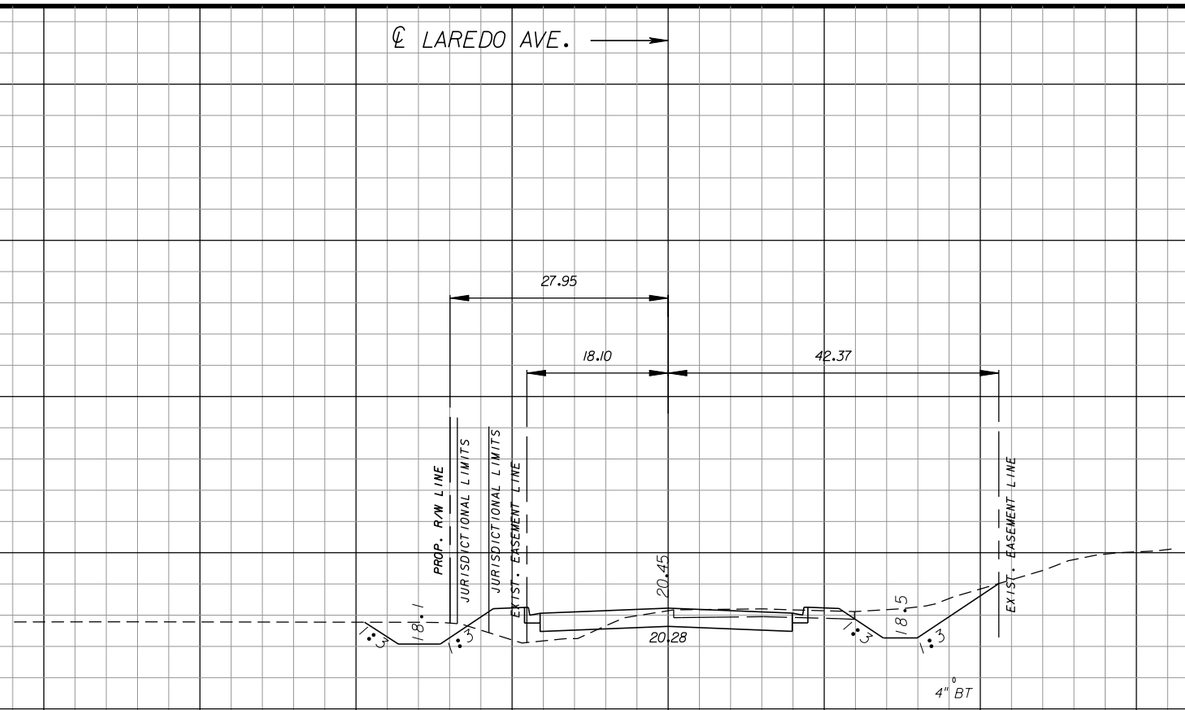

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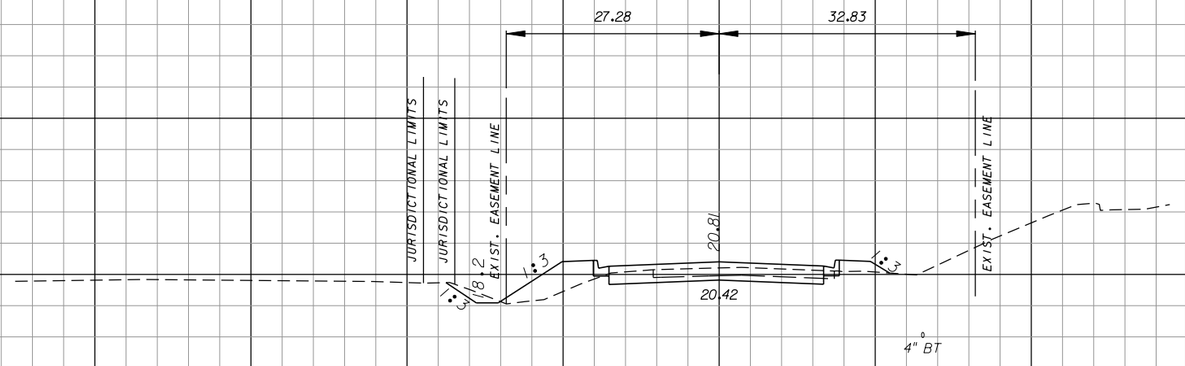

# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO. 274

apeters 10/11/2010 4:41:31 PM P:\LeeCounty_05-8974Ort12\PlanSet\roadway\RDXSRD10.DGN






| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 54 | | 17 | |
| | 152 | | 68 |
| 29 | | 20 | |
| | 98 | | 55 |

196+00.00

195+00.00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274

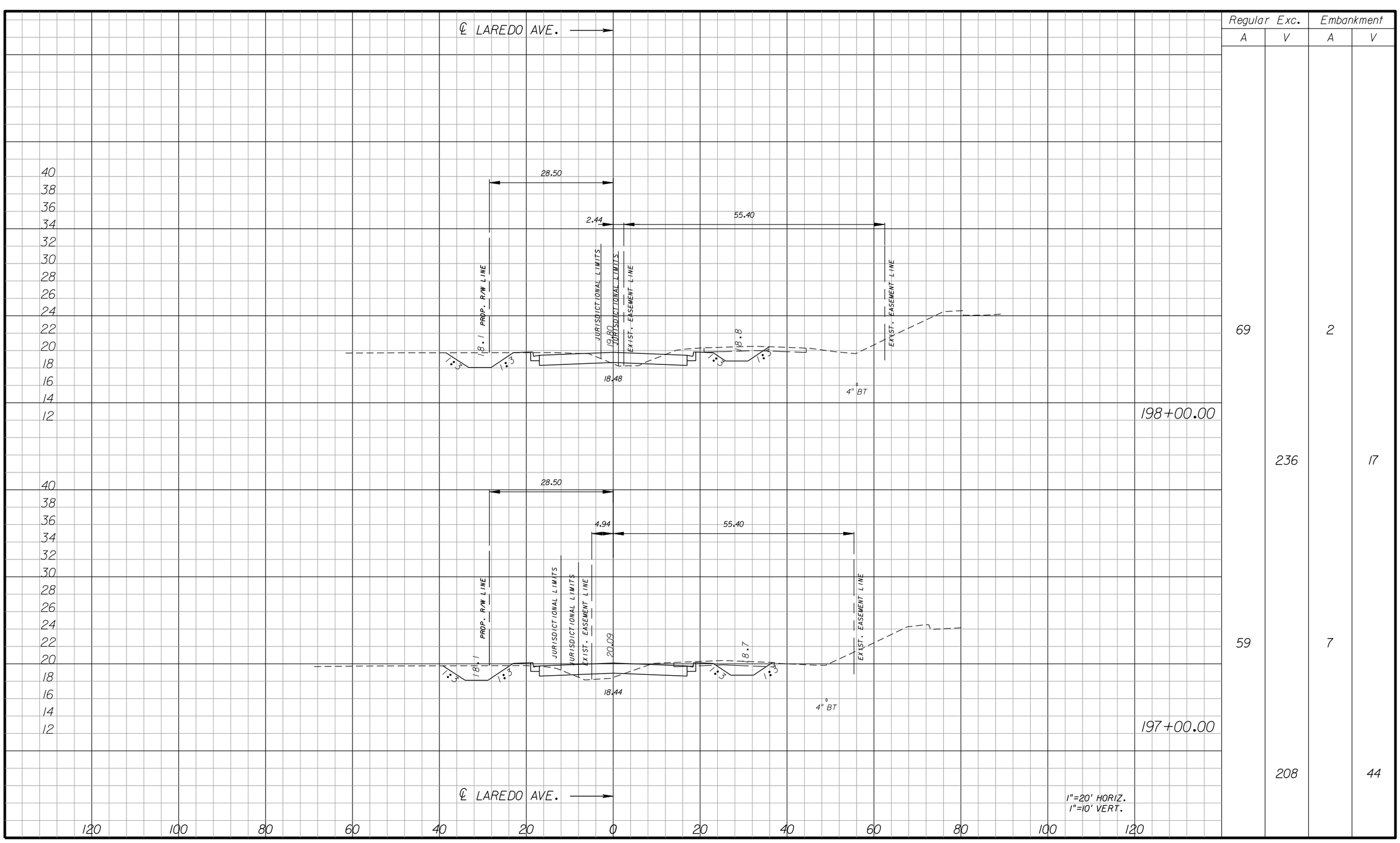
PUBLIC WORKS
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# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO. 275

apeters
10/11/2010 4:41:33 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD10.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 69 | | 2 | |
| | 236 | | 17 |
| 59 | | 7 | |
| | 208 | | 44 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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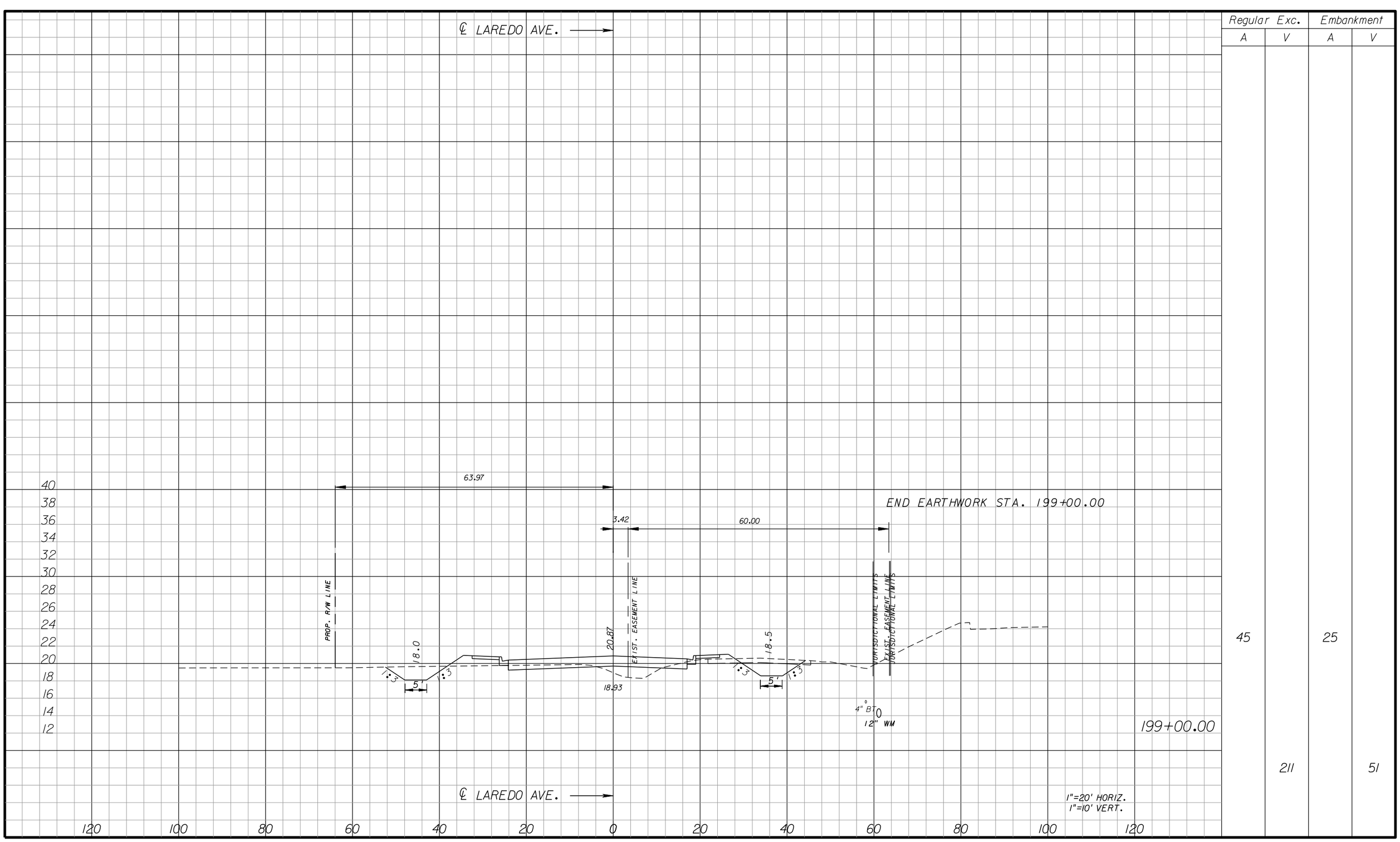

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# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO.
276

apeters
10/11/2010 4:41:36 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD10.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 45 | 211 | 25 | 51 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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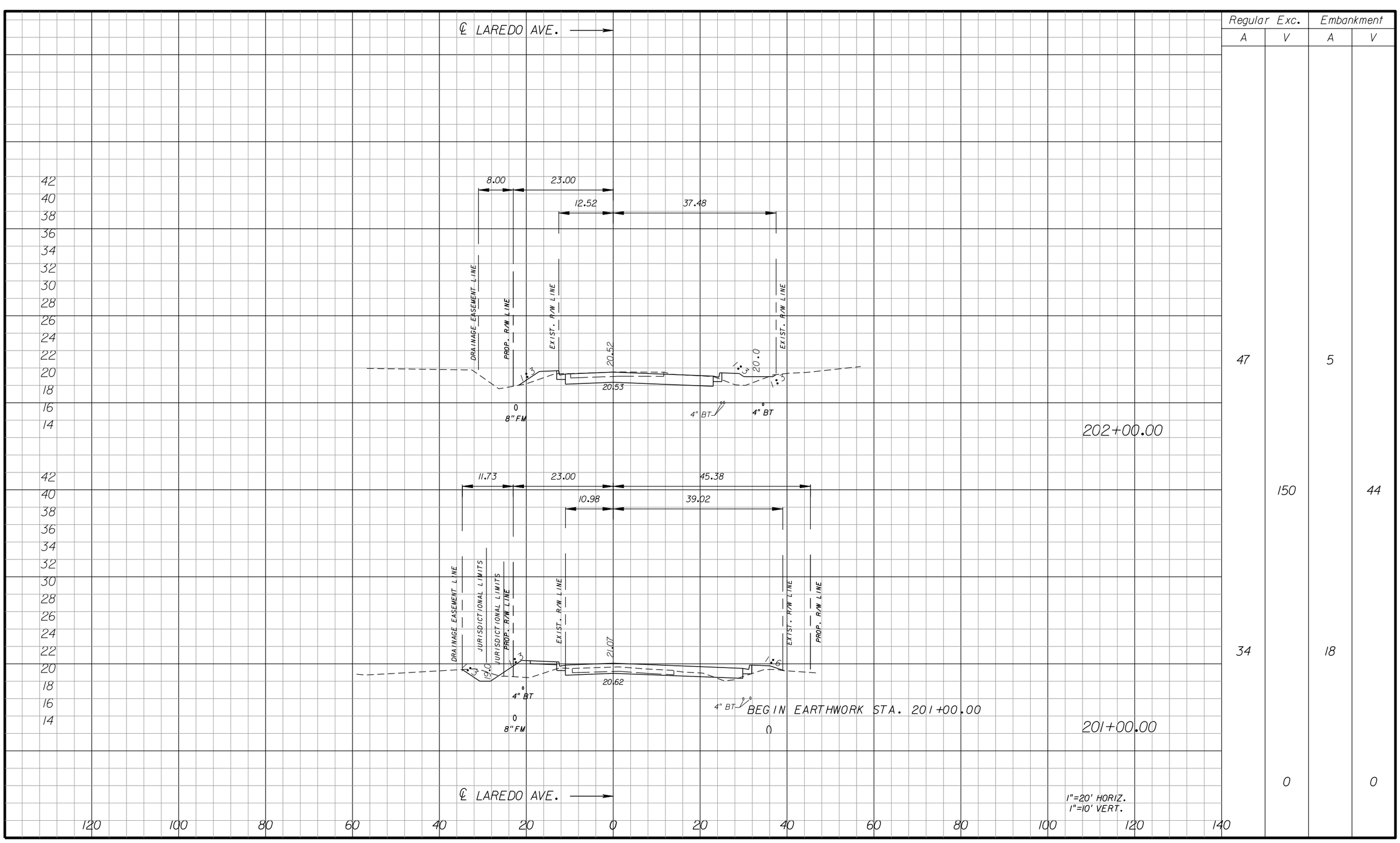
PUBLIC WORKS
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# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO. 277

apeters
10/11/2010 4:41:38 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD10.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 47 | | 5 | |
| | 150 | | 44 |
| 34 | | 18 | |
| | 0 | | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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TAMPA, FLORIDA 33610
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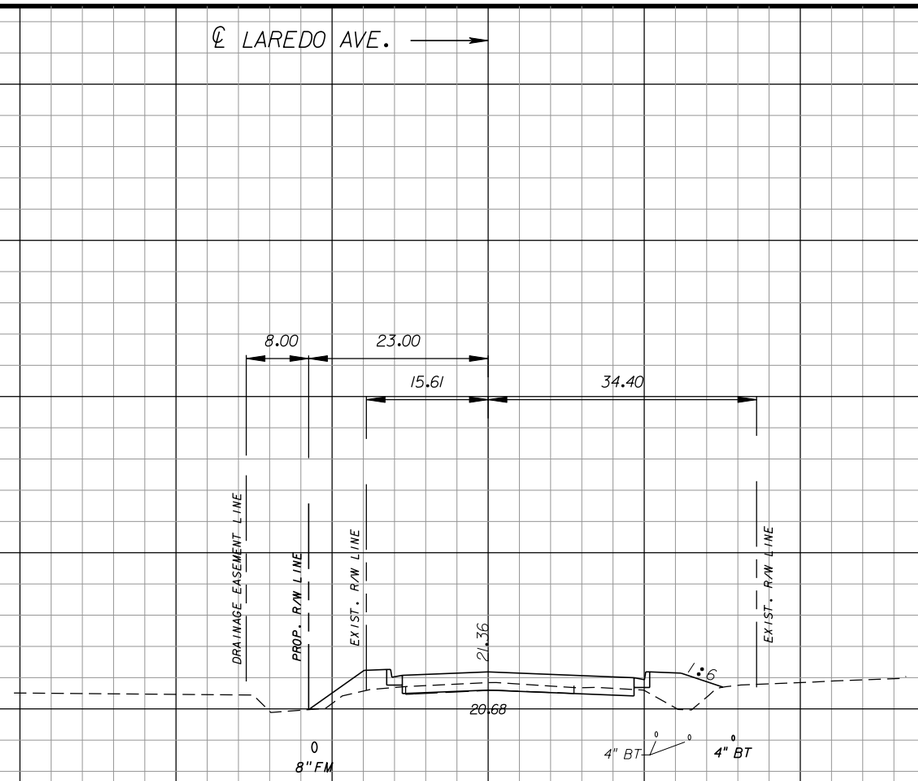
PUBLIC WORKS
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# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO. 278

apeters
10/11/2010 4:41:40 PM P:\LeeCounty_05-89740rt1z\PlanSet\roadway\RDXSRD10.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 17 | | 17 | |
| | 92 | | 44 |
| 32 | | 7 | |
| | 147 | | 22 |

204+00.00

203+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

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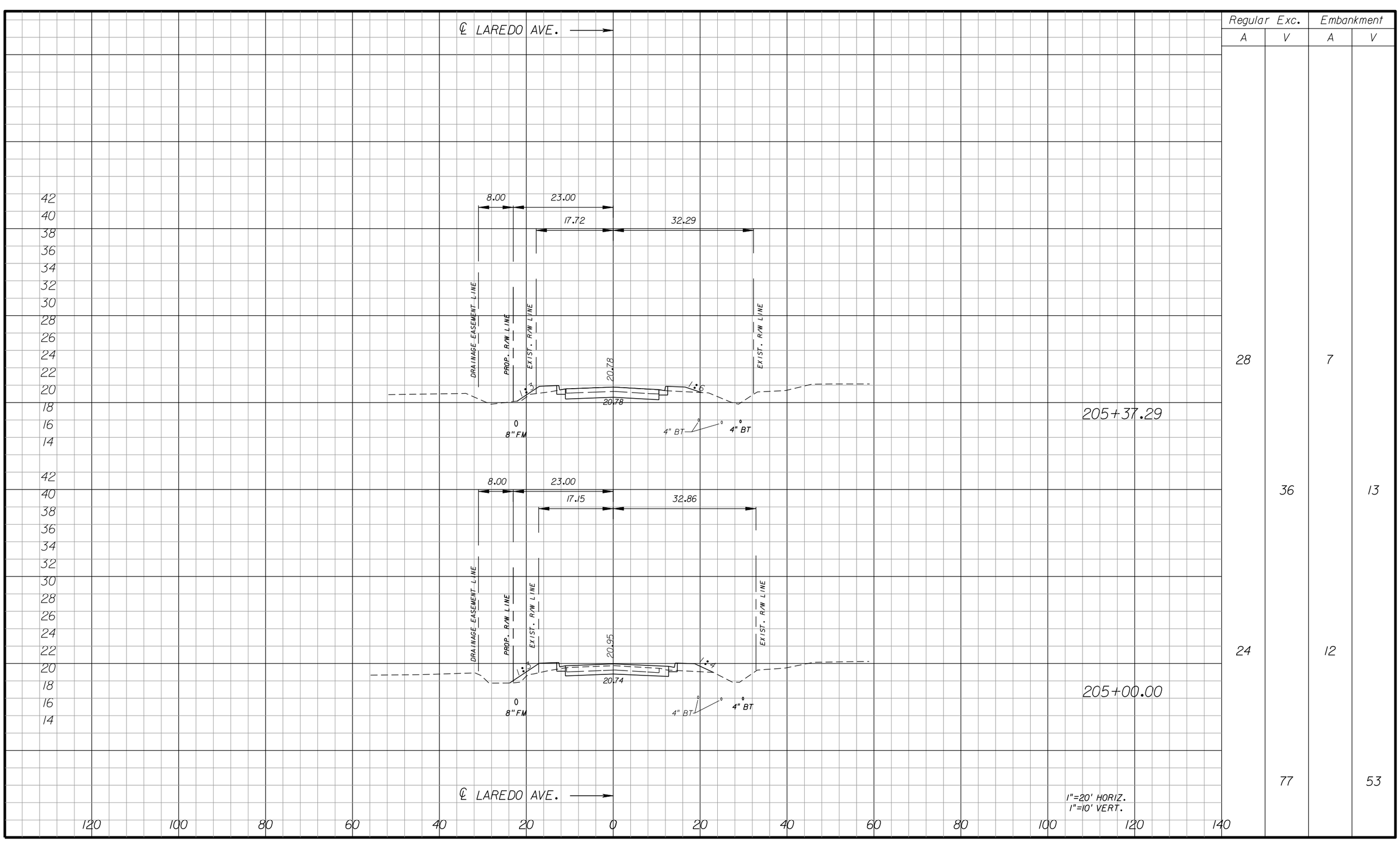
PUBLIC WORKS
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# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO.
279

apeters
10/11/2010 4:41:43 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD10.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 28 | | 7 | |
| | 36 | | 13 |
| 24 | | 12 | |
| | 77 | | 53 |

205+37.29

205+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
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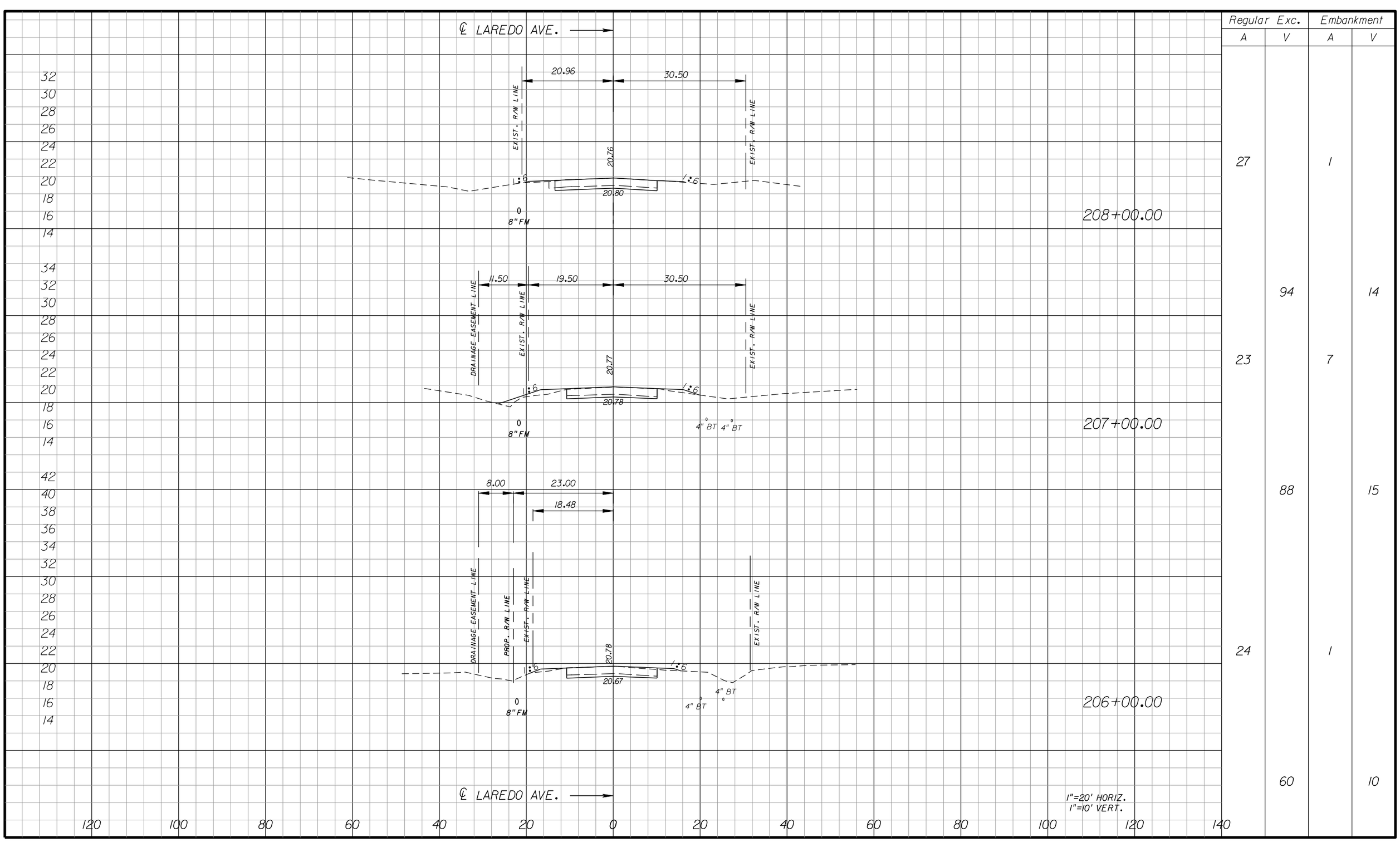
PUBLIC WORKS
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# CROSS SECTIONS

## LAREDO AVENUE

SHEET NO.
280

apeters
10/11/2010 4:41:47 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD10.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 27 | | 1 | |
| | 94 | | 14 |
| 23 | | 7 | |
| | 88 | | 15 |
| 24 | | 1 | |
| | 60 | | 10 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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# CROSS SECTIONS

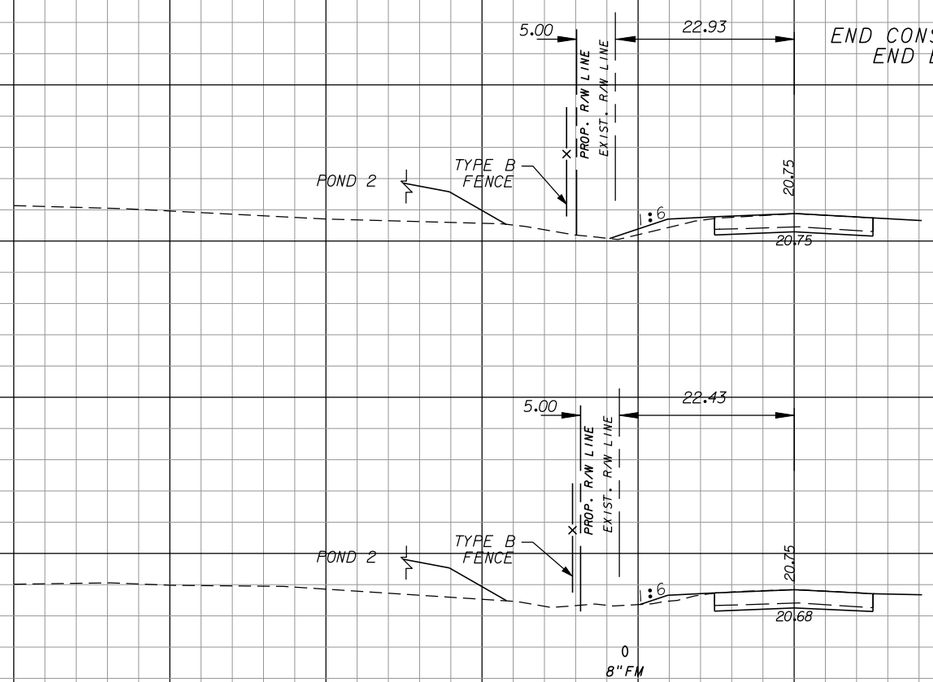
## LAREDO AVENUE

SHEET NO.
281

apeters
10/11/2010 4:41:45 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD10.DGN

℄ LAREDO AVE. →

**SUMMARY OF EARTHWORK**
REGULAR EXCAVATION = 1,840 CY
EMBANKMENT = 475 CY




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 23 | | 4 | |
| | 52 | | 7 |
| 24 | | 2 | |
| | 95 | | 5 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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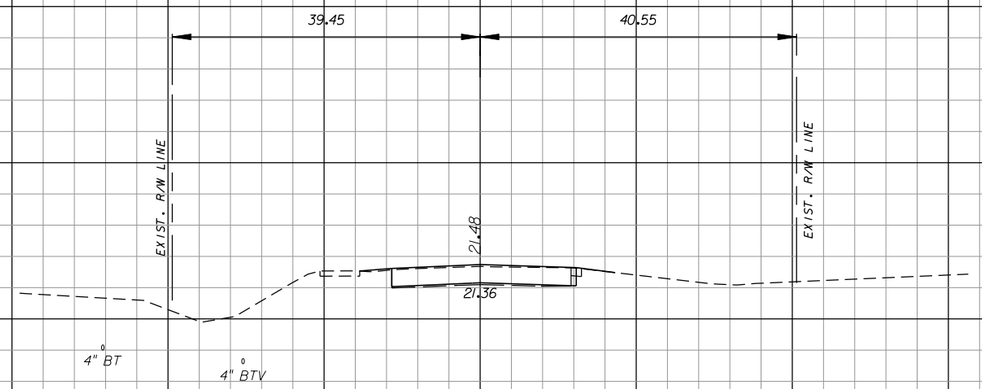

# CROSS SECTIONS

## LAREDO AVENUE

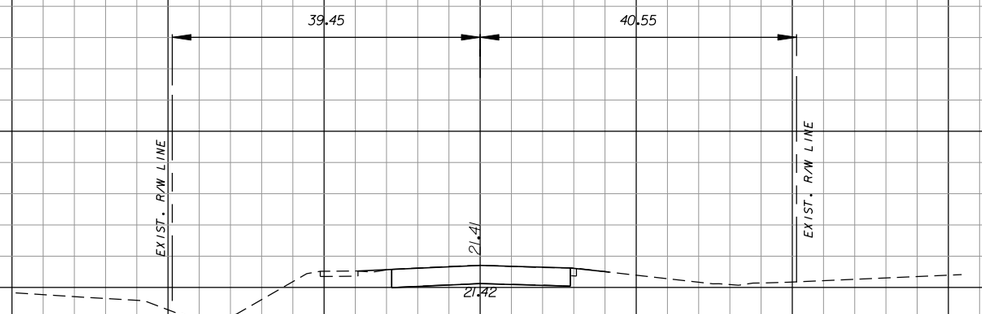
SHEET NO. 282

apeters
10/11/2010 4:41:50 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD10.DGN

℄ BALLARD RD. →




294+00.00




BEG. CONSTRUCTION STA. 293+86.30
BEG. EARTHWORK STA. 293+86.30

293+86.30

℄ BALLARD RD. →

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 25 | | 0 | |
| | 13 | | 0 |
| 27 | | 0 | |
| | 0 | | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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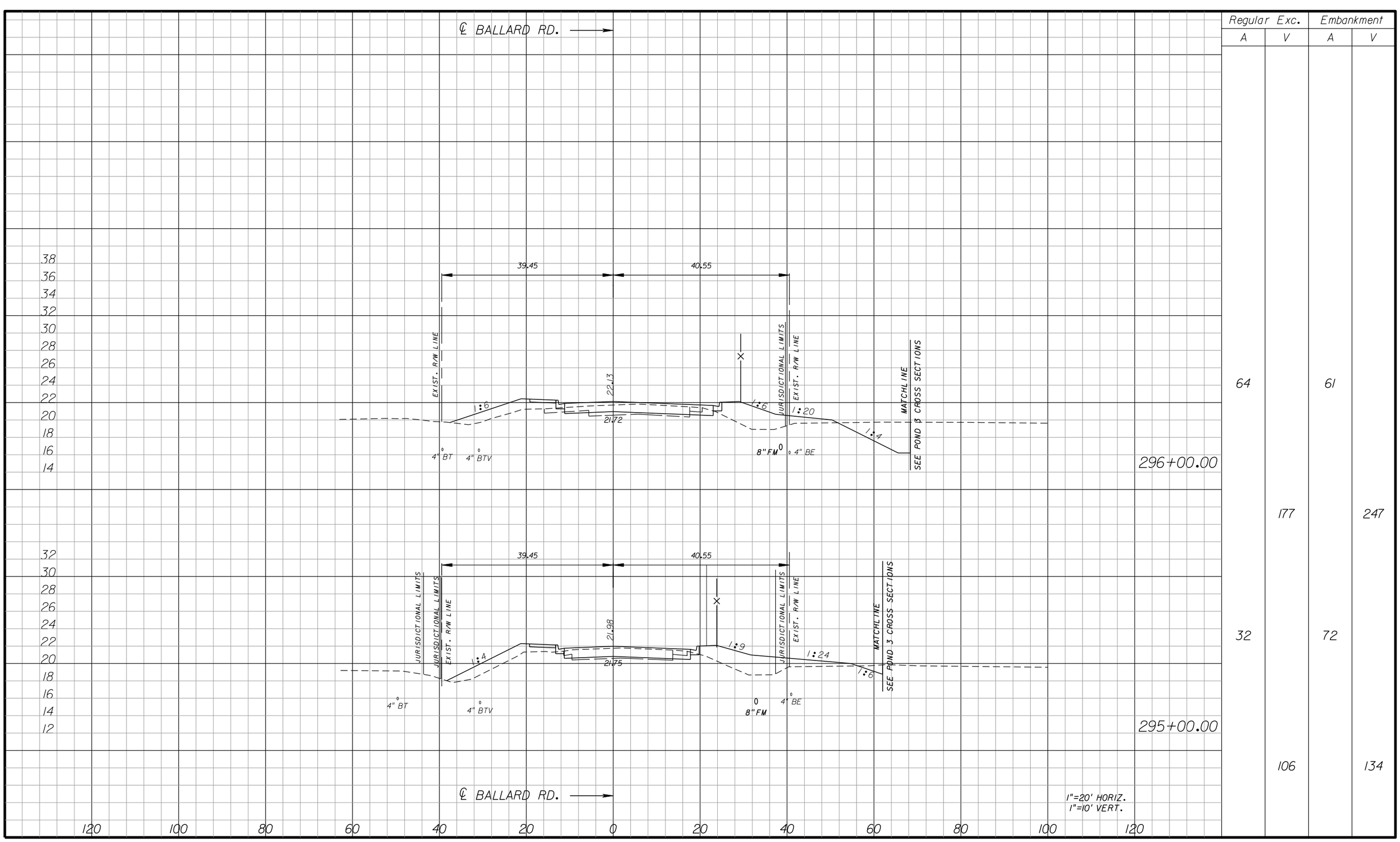

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# CROSS SECTIONS

## BALLARD ROAD

SHEET NO. 283

apeters
10/11/2010 4:42:00 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD20.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 64 | | 61 | |
| | 177 | | 247 |
| 32 | | 72 | |
| | 106 | | 134 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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FLORIDA CERTIFICATE NO. 60274

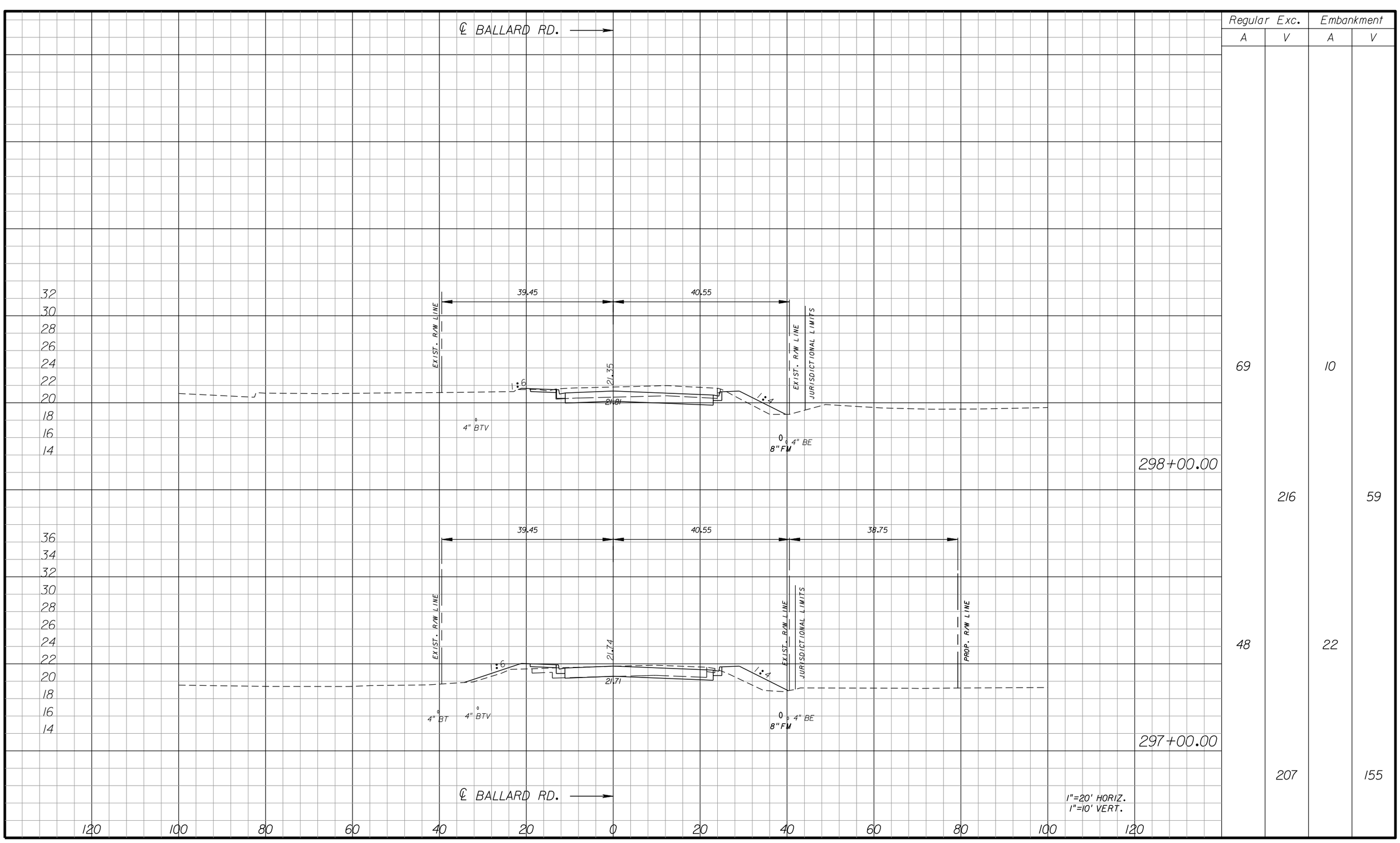
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# CROSS SECTIONS

## BALLARD ROAD

SHEET NO.
284

apeters
10/11/2010 4:42:02 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD20.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 69 | | 10 | |
| 216 | | 59 | |
| 48 | | 22 | |
| 207 | | 155 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

# CROSS SECTIONS

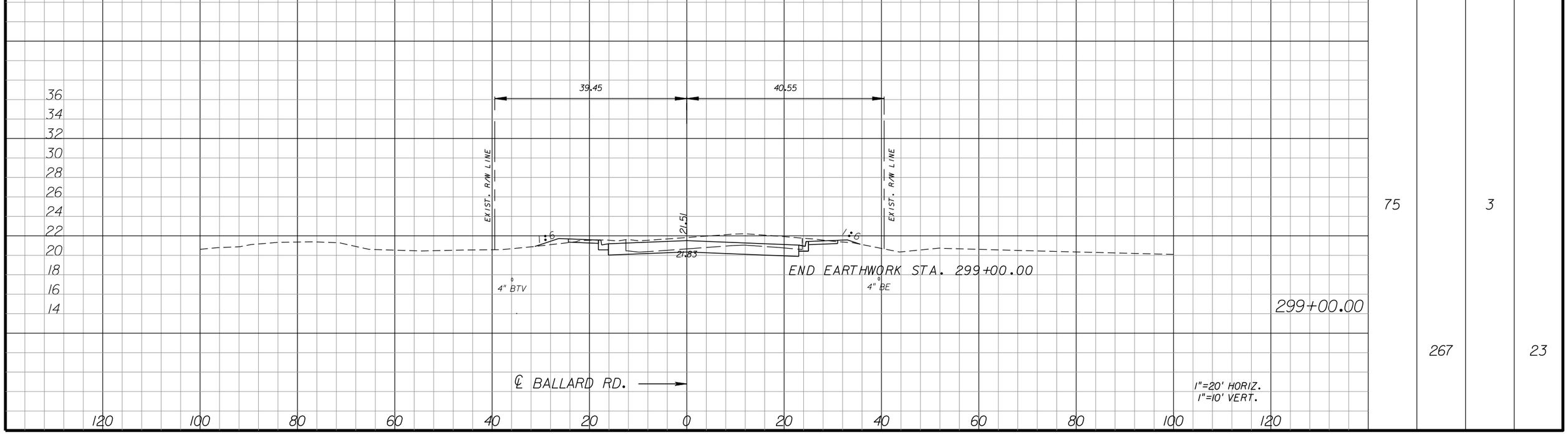
## BALLARD ROAD

SHEET NO.
285

apeters
10/11/2010 4:42:05 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD20.dgn

℄ BALLARD RD. ⟶

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 75 | | 3 | |
| | 267 | | 23 |




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm

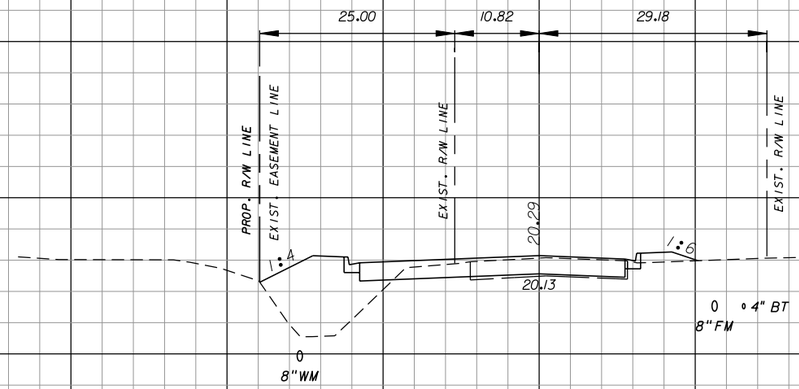

# CROSS SECTIONS

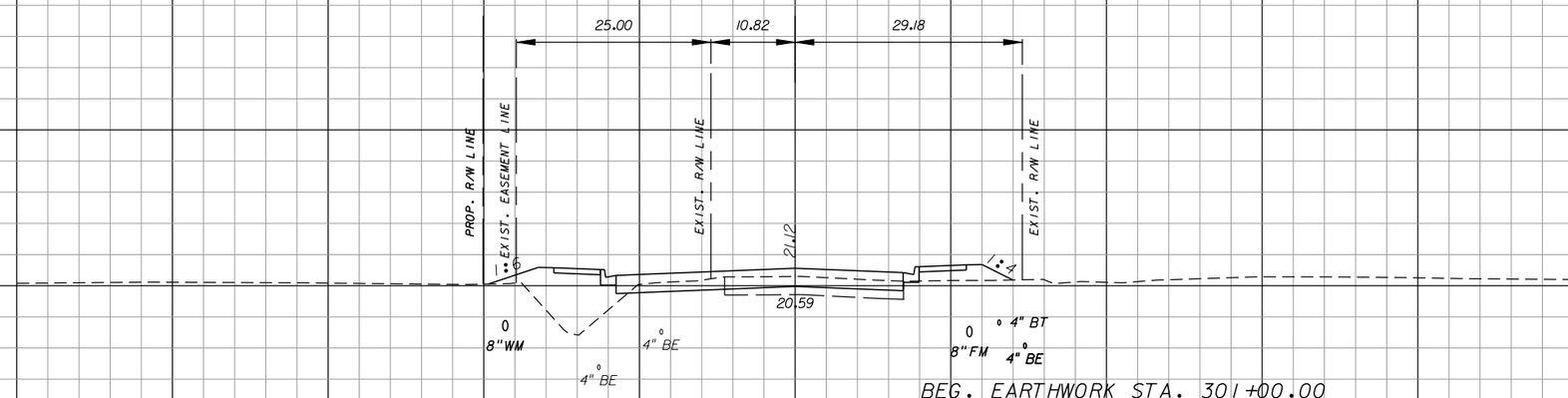
## BALLARD ROAD

SHEET NO.
286

apeters
10/11/2010 4:42:07 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD20.dgn

℄ BALLARD RD. ⟶




BEG. EARTHWORK STA. 301+00.00

℄ BALLARD RD. ⟶

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 29 | | 53 | |
| | 95 | | 177 |
| 23 | | 42 | |
| | 0 | | 0 |

| | |
|---|---|
| 302+00.00 | |
| 301+00.00 | |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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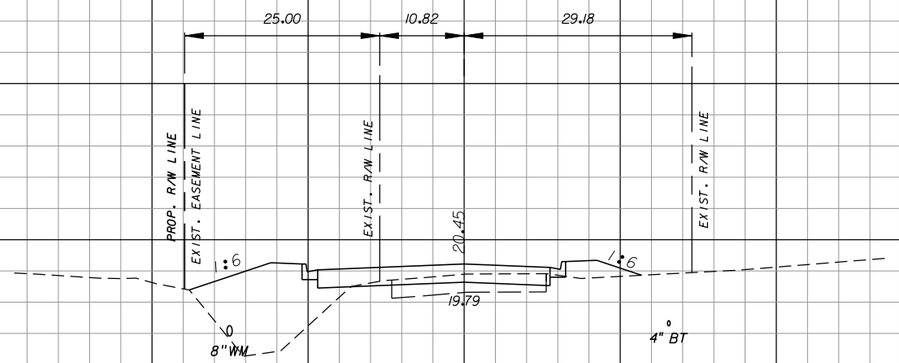

# CROSS SECTIONS

## BALLARD ROAD

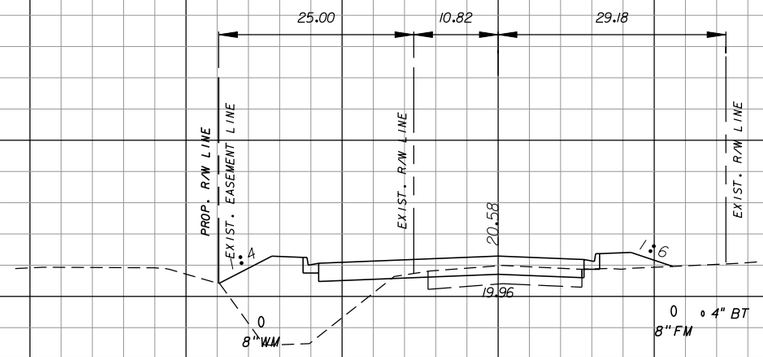
SHEET NO. 287

apeters
10/11/2010 4:42:09 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD20.dgn

℄ BALLARD RD. →




304+00.00




303+00.00

℄ BALLARD RD. →

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 12 | | 76 | |
| | 44 | | 281 |
| 12 | | 75 | |
| | 75 | | 238 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## BALLARD ROAD

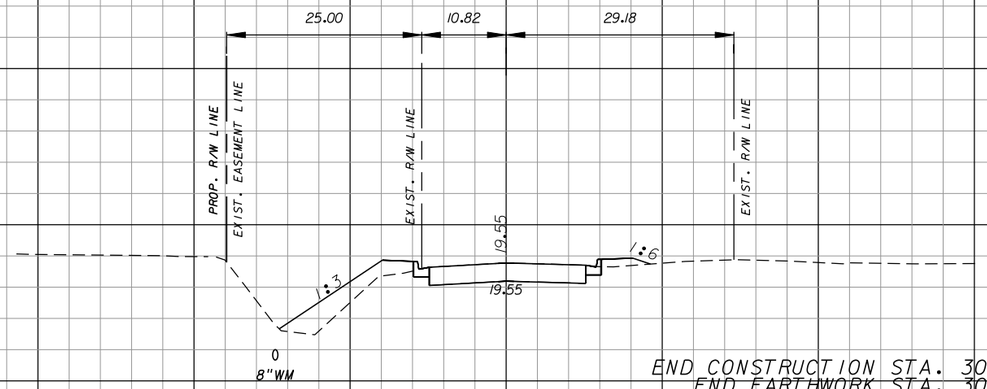
SHEET NO. 288

apeters
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℄ BALLARD RD. ⟶

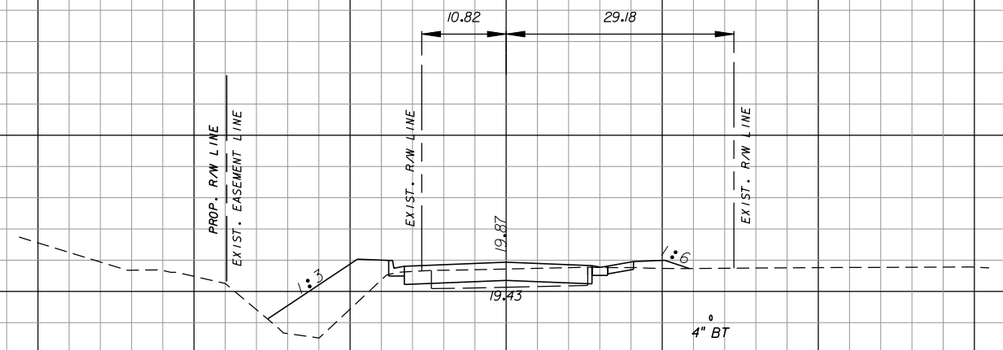
## SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 1,314 CY
EMBANKMENT = 1,587 CY




END CONSTRUCTION STA. 305+55.82
END EARTHWORK STA. 305+55.82

305+55.82




305+00.00

℄ BALLARD RD. ⟶

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 26 | | 22 | |
| | 50 | | 62 |
| 22 | | 38 | |
| | 64 | | 211 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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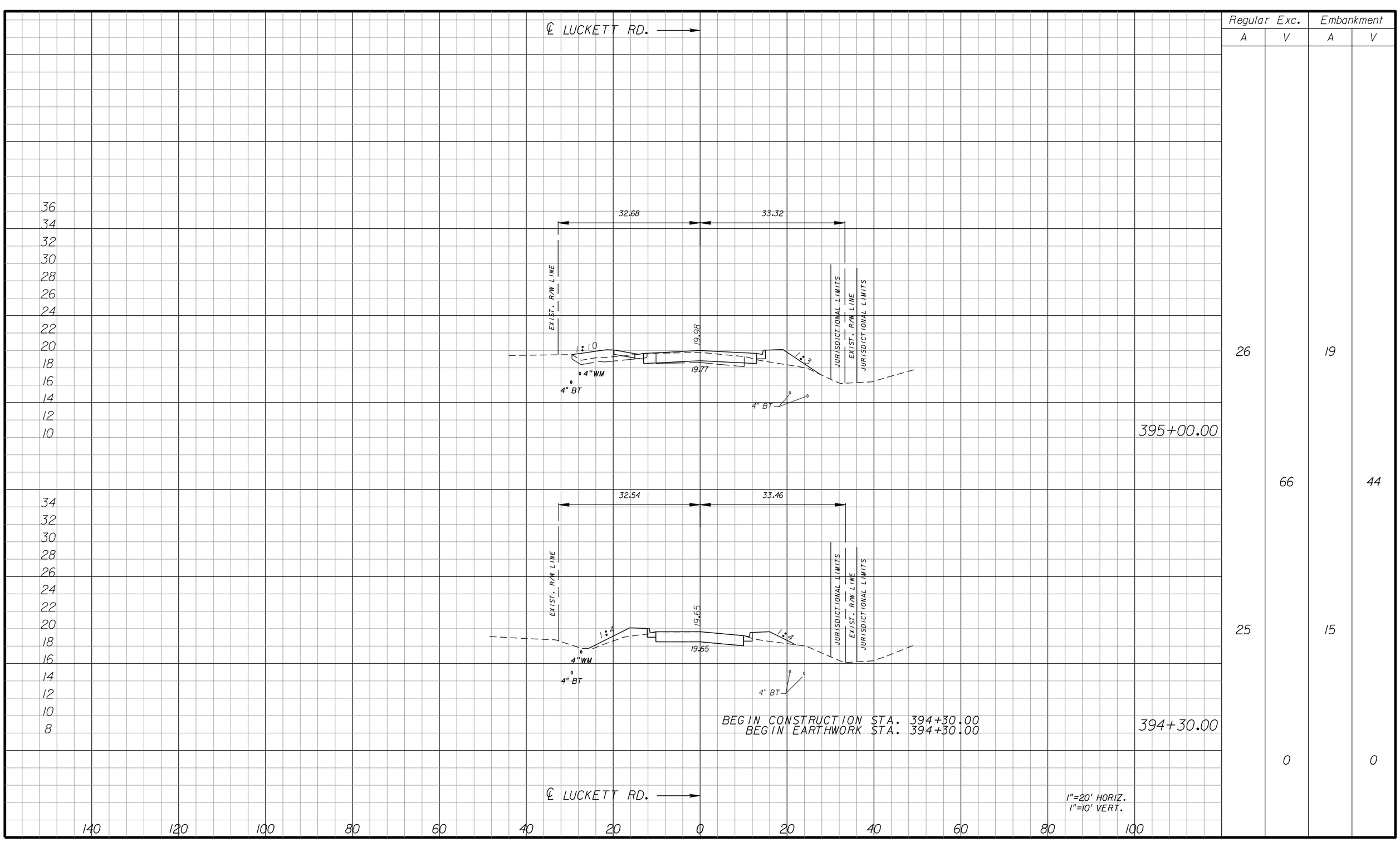

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# CROSS SECTIONS

## BALLARD ROAD

SHEET NO. 289

apeters
10/11/2010 4:42:13 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD20.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 26 | | 19 | |
| | 66 | | 44 |
| 25 | | 15 | |
| | 0 | | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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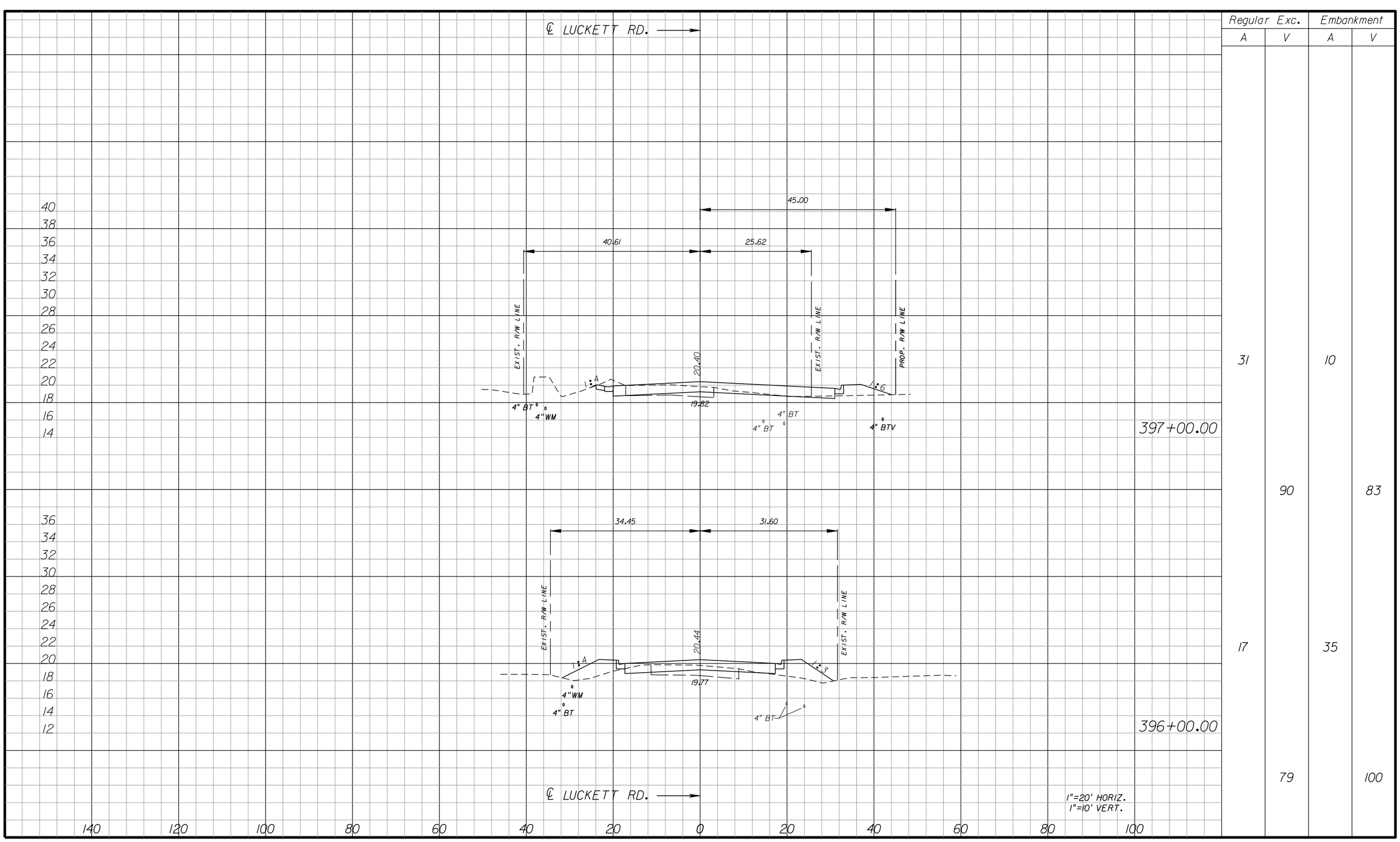

PUBLIC WORKS
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 290

apeters 10/11/2010 4:42:43 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 31 | | 10 | |
| | 90 | | 83 |
| 17 | | 35 | |
| | 79 | | 100 |

397+00.00

396+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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APPROVED BY:
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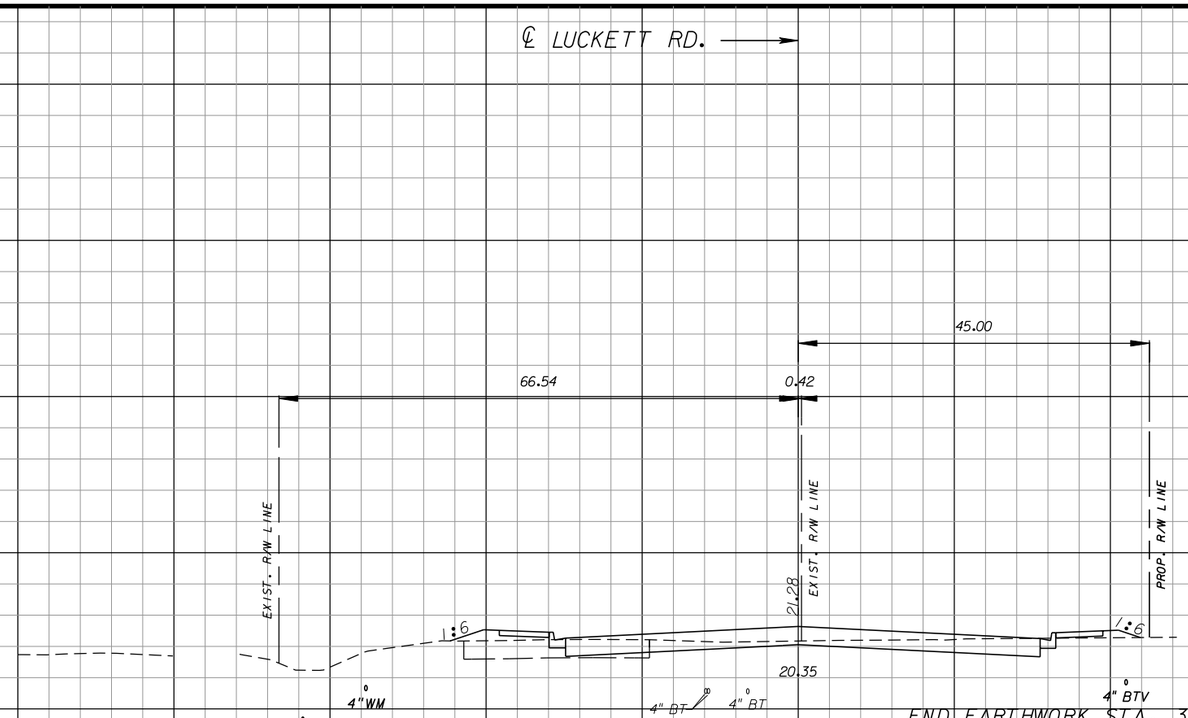
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
291

apeters
10/11/2010 4:42:46 PM P:\LeeCounty_05-8974Ort12\PlanSet\roadway\RDXSRD30.dgn




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 399+00.00 | 43 | | 6 | |
| | | 168 | | 34 |
| 398+00.00 | 47 | | 12 | |
| | | 146 | | 41 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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CERTIFICATE OF AUTHORIZATION NO. 3114

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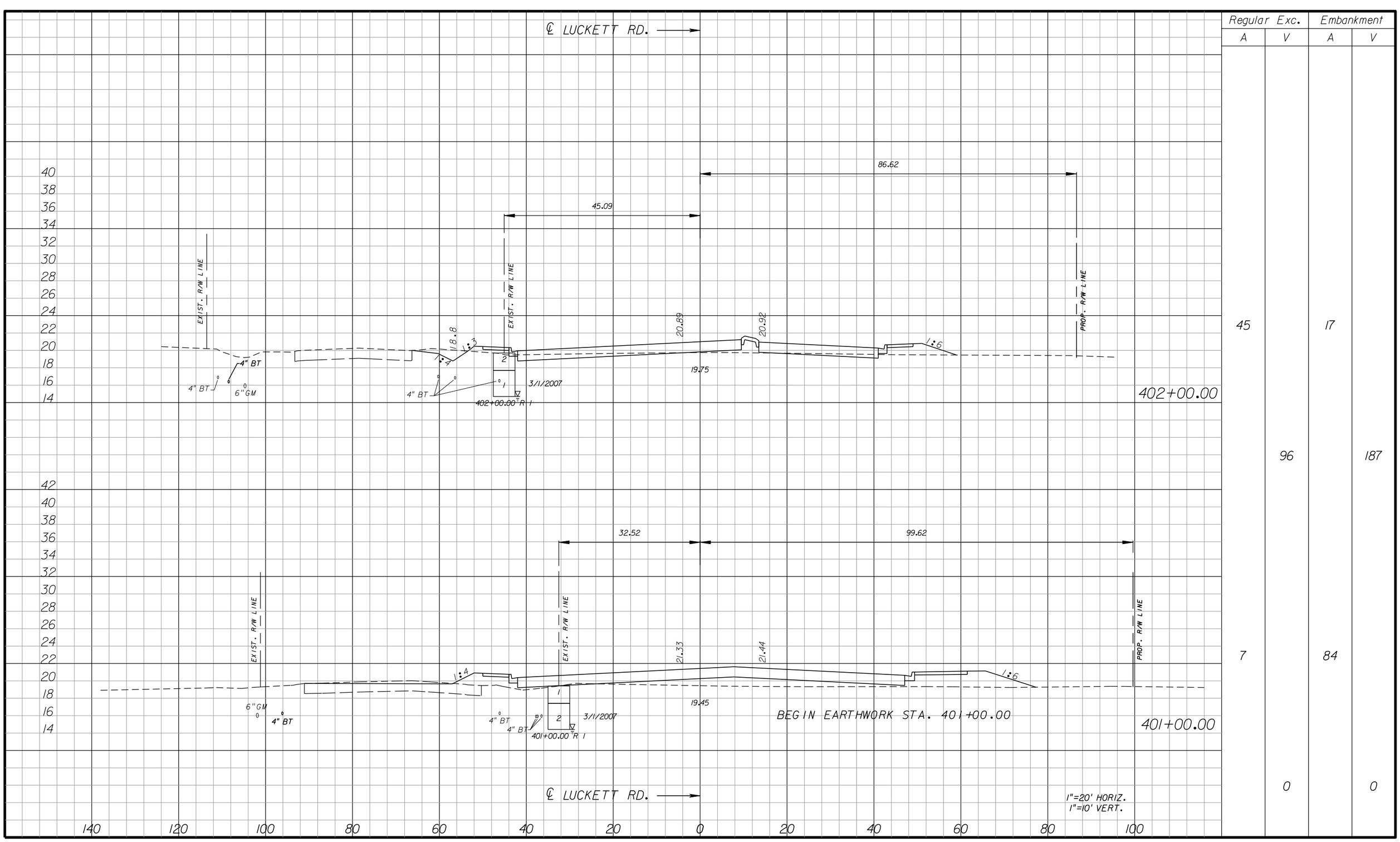
PUBLIC WORKS
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
292

apeters
10/11/2010 4:42:48 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 45 | | 17 | |
| | 96 | | 187 |
| 7 | | 84 | |
| | 0 | | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


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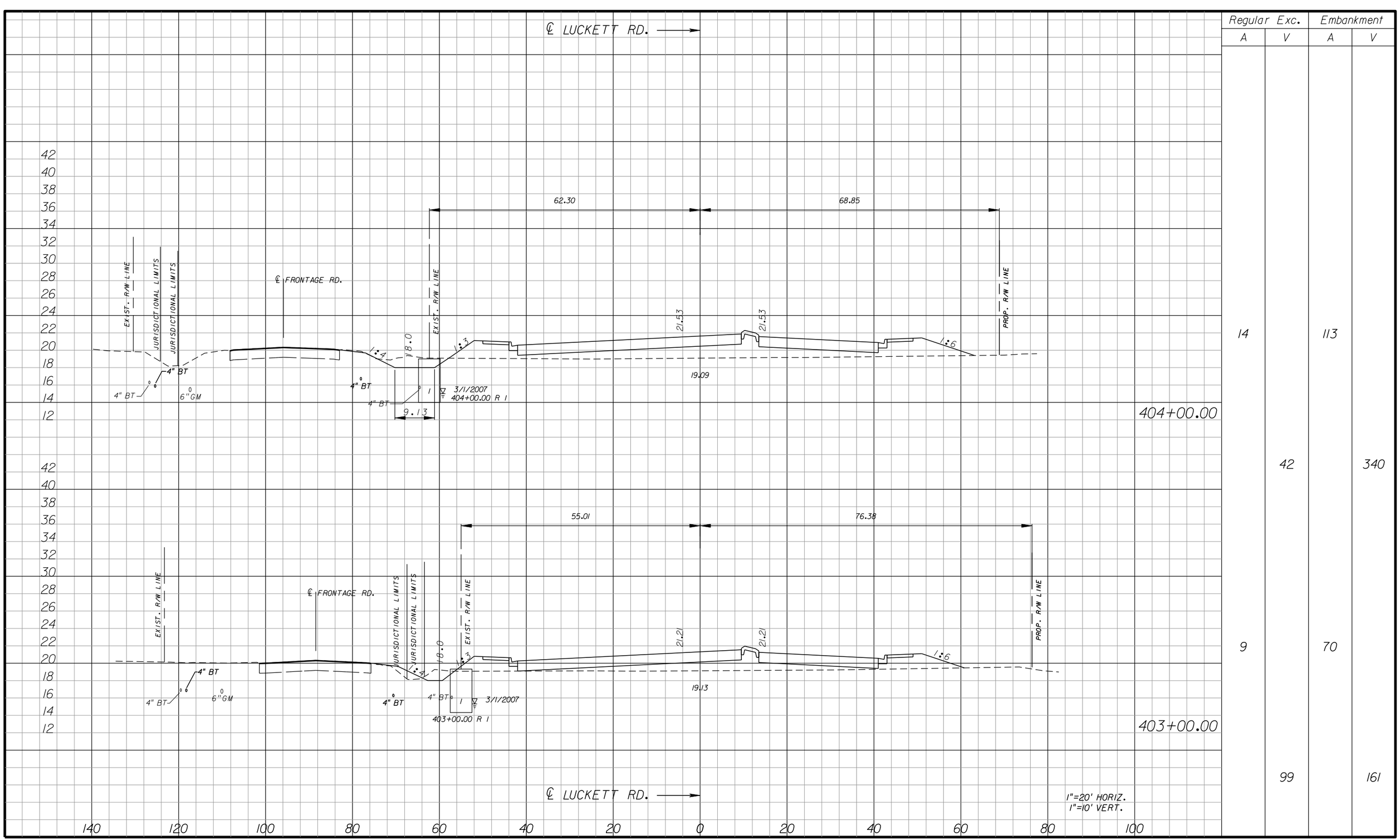

PUBLIC WORKS
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 293

apeters
10/11/2010 4:42:50 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 14 | | | 113 |
| | 42 | | 340 |
| 9 | | | 70 |
| | 99 | | 161 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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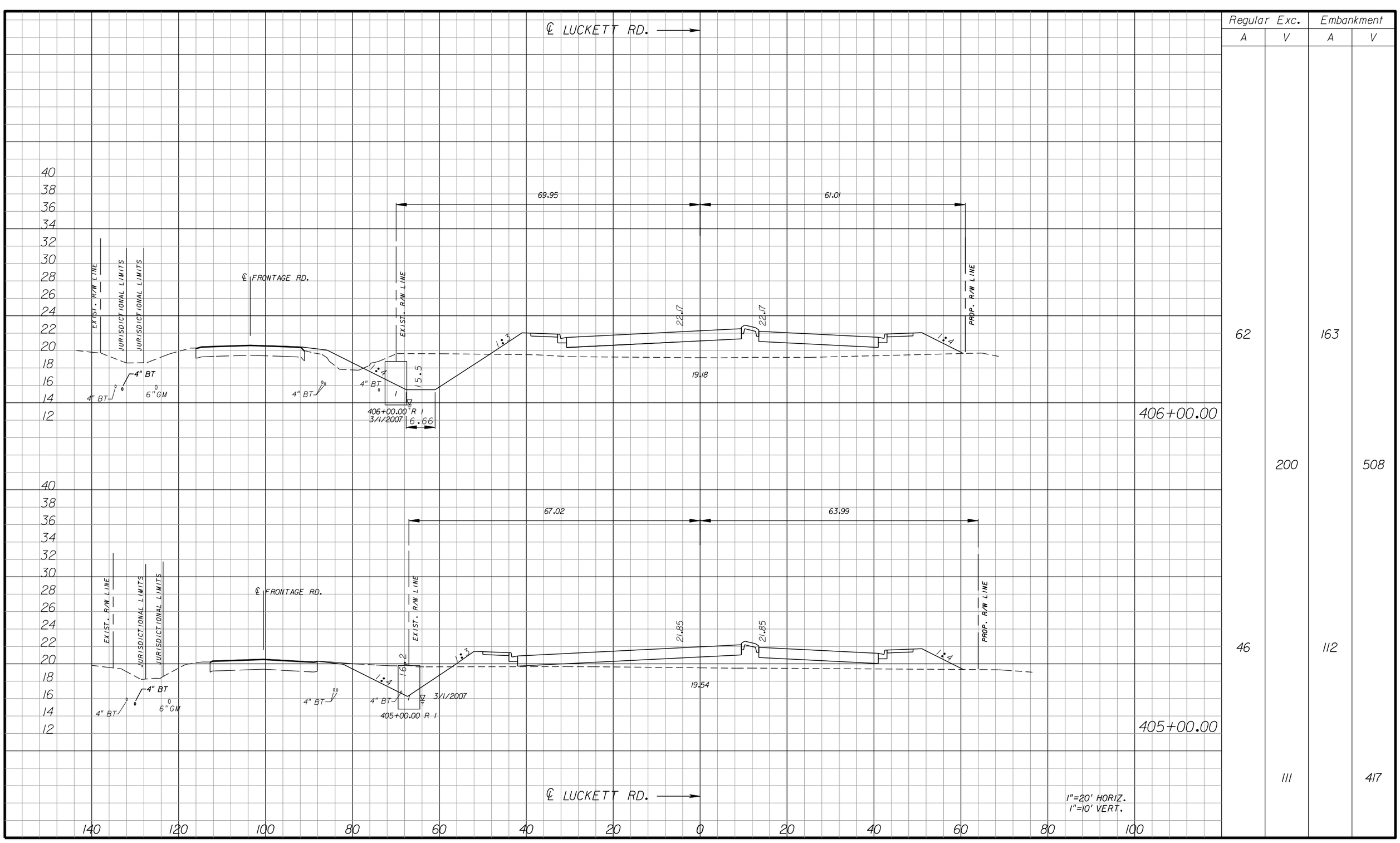

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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 294

apeters 10/11/2010 4:42:53 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 62 | | 163 | |
| | 200 | | 508 |
| 46 | | 112 | |
| | 111 | | 417 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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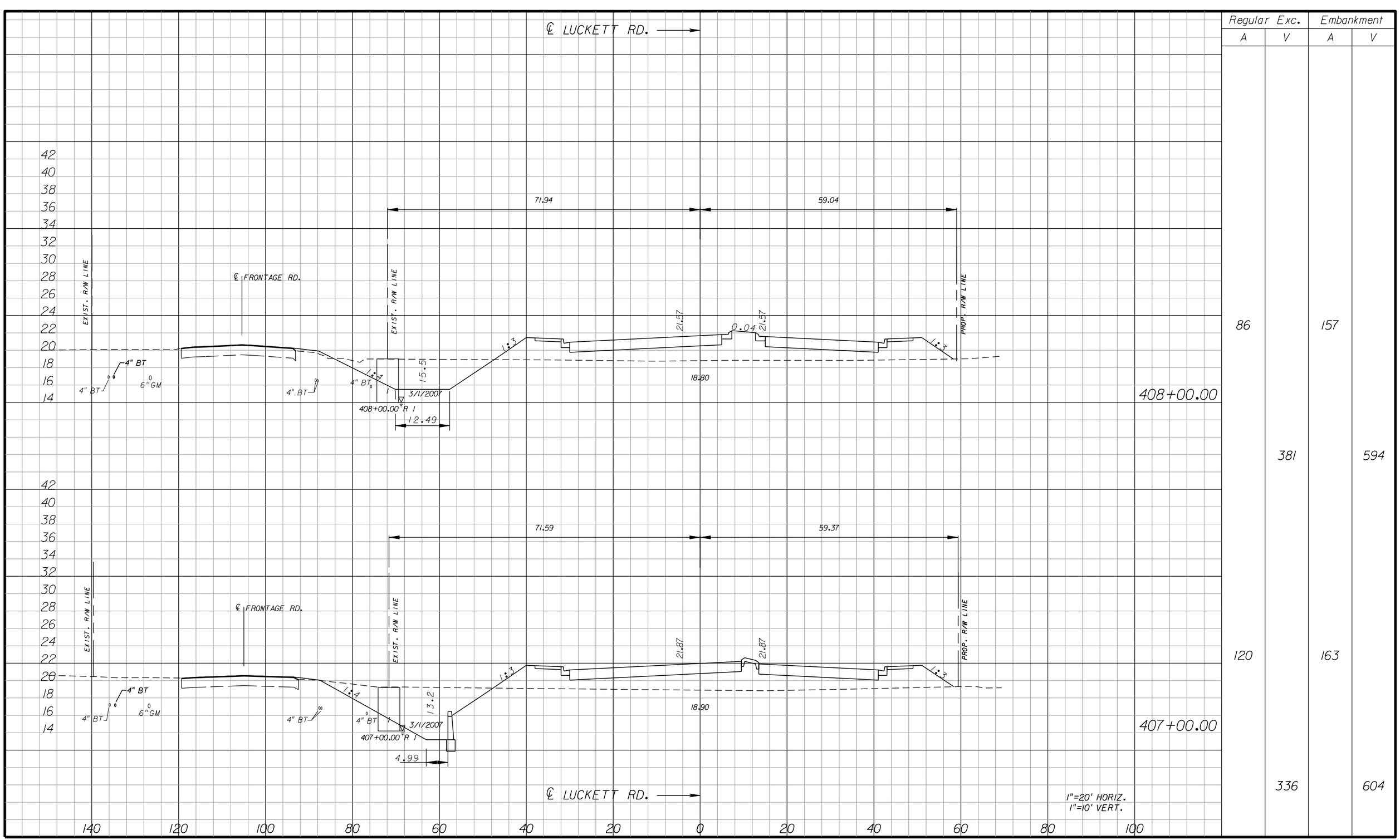

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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 295

apeters 10/11/2010 4:42:55 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 86 | | 157 | |
| | 381 | | 594 |
| 120 | | 163 | |
| | 336 | | 604 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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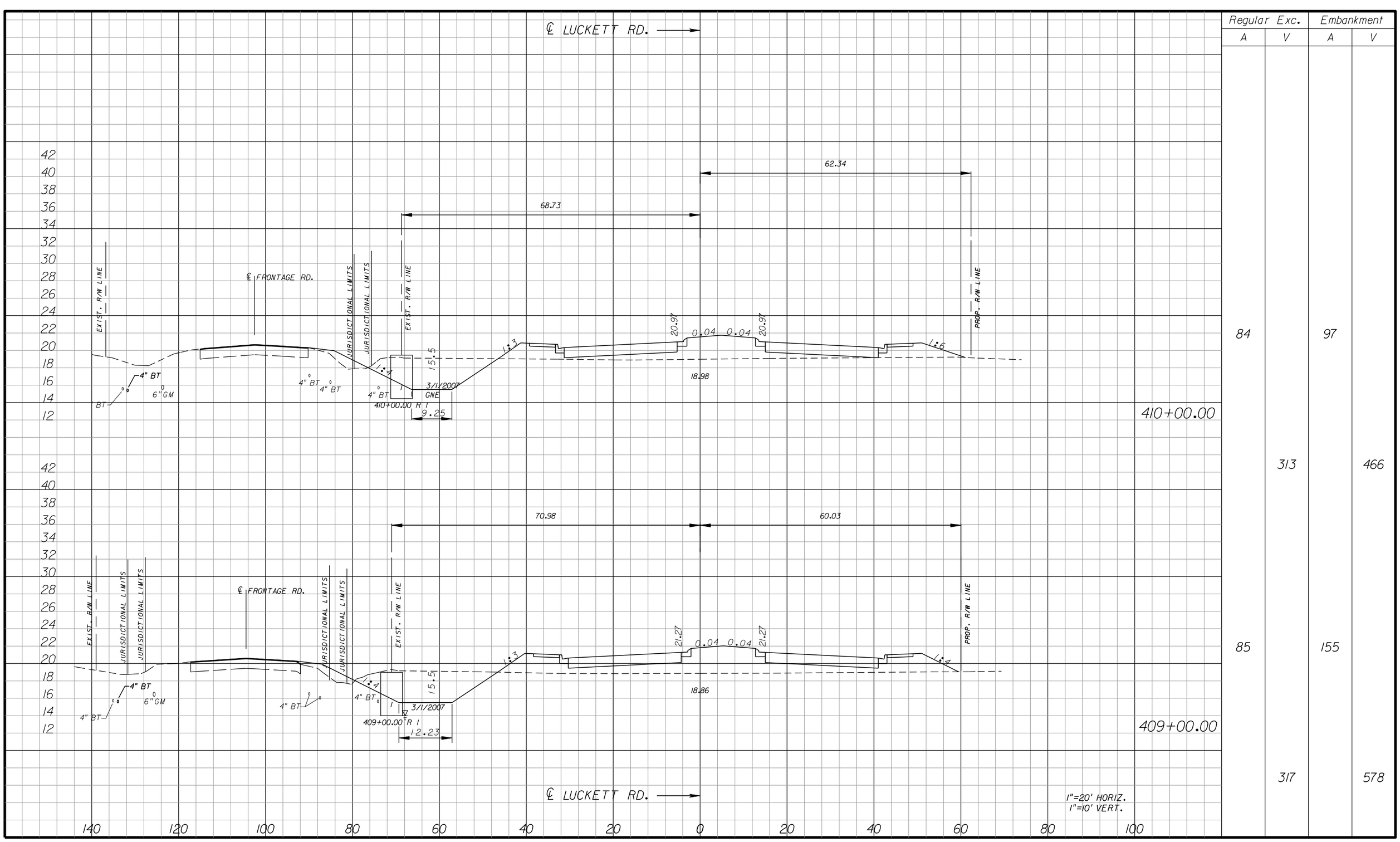

# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 296

apeters

10/11/2010 4:42:58 PM P:\LeeCounty_05-8974Ort12\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 84 | | 97 | |
| | 313 | | 466 |
| 85 | | 155 | |
| | 317 | | 578 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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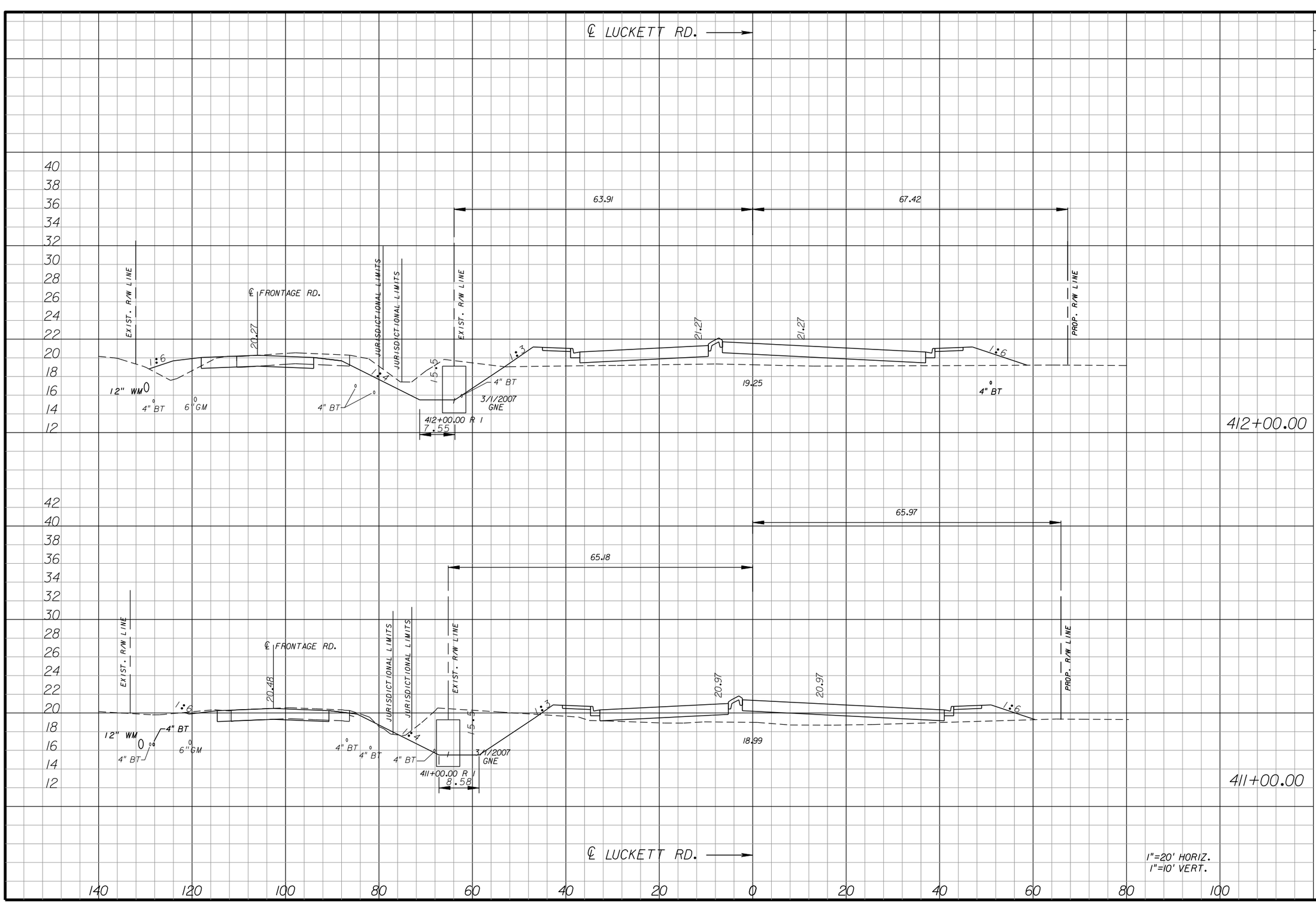
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 297

apeters
10/11/2010 4:43:00 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 100 | | 114 | |
| | 394 | | 317 |
| 113 | | 58 | |
| | 365 | | 286 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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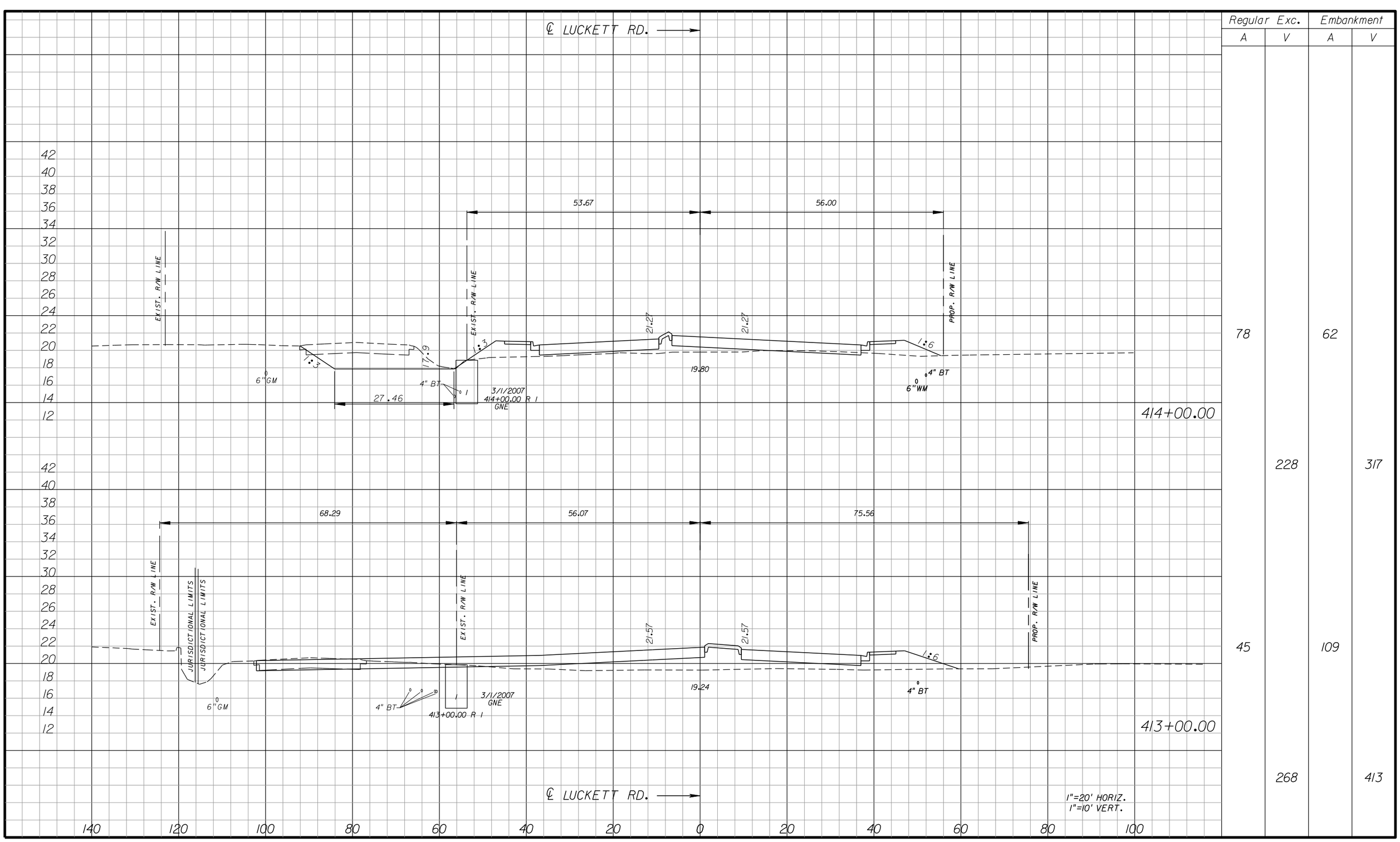
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
298

apeters
10/11/2010 4:43:02 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 78 | | 62 | |
| | 228 | | 317 |
| 45 | | 109 | |
| | 268 | | 413 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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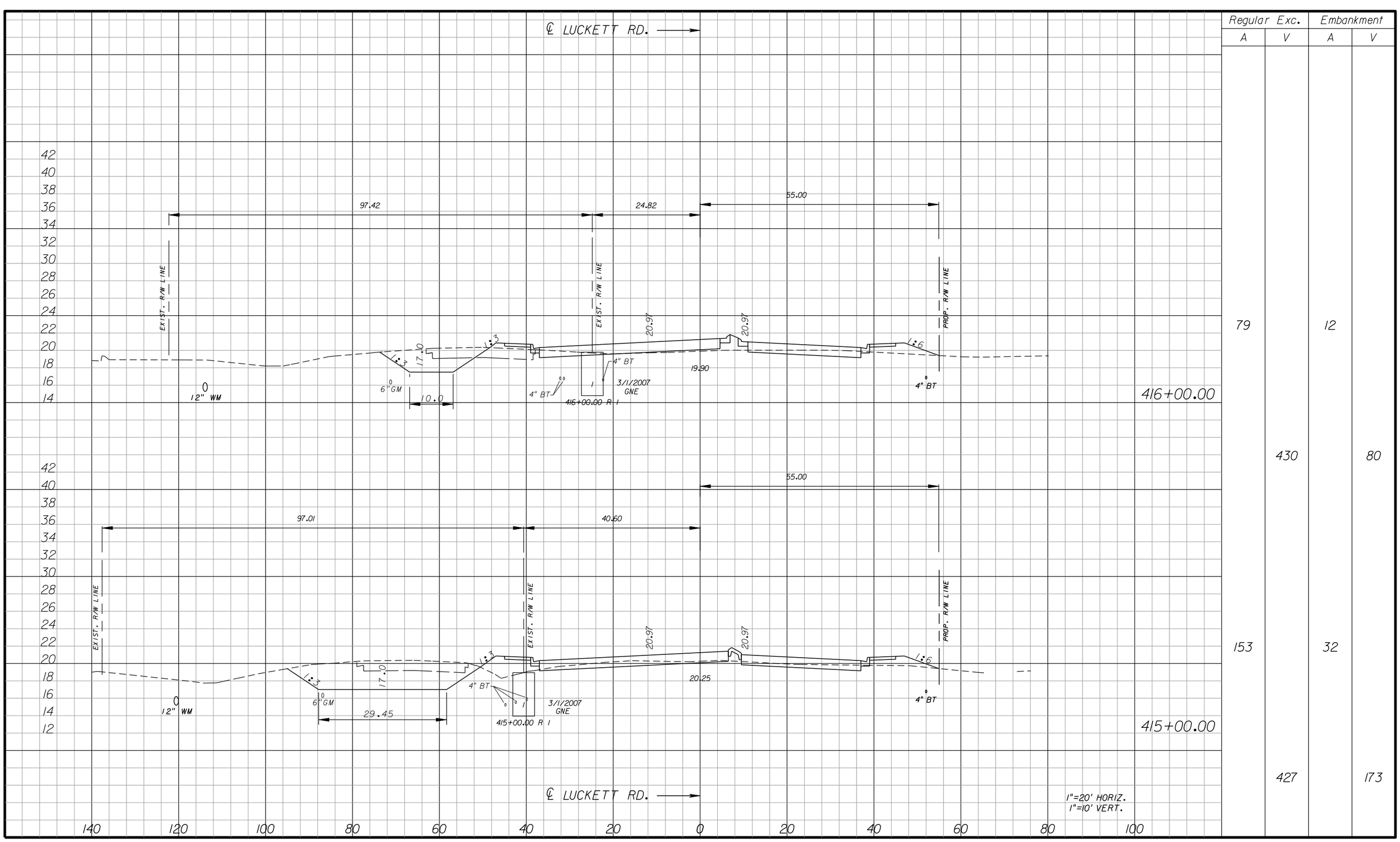
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
299

apeters
10/11/2010 4:43:05 PM P:\LeeCounty_05-89740rt1z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 79 | | | 12 |
| | 430 | | 80 |
| 153 | | | 32 |
| | 427 | | 173 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

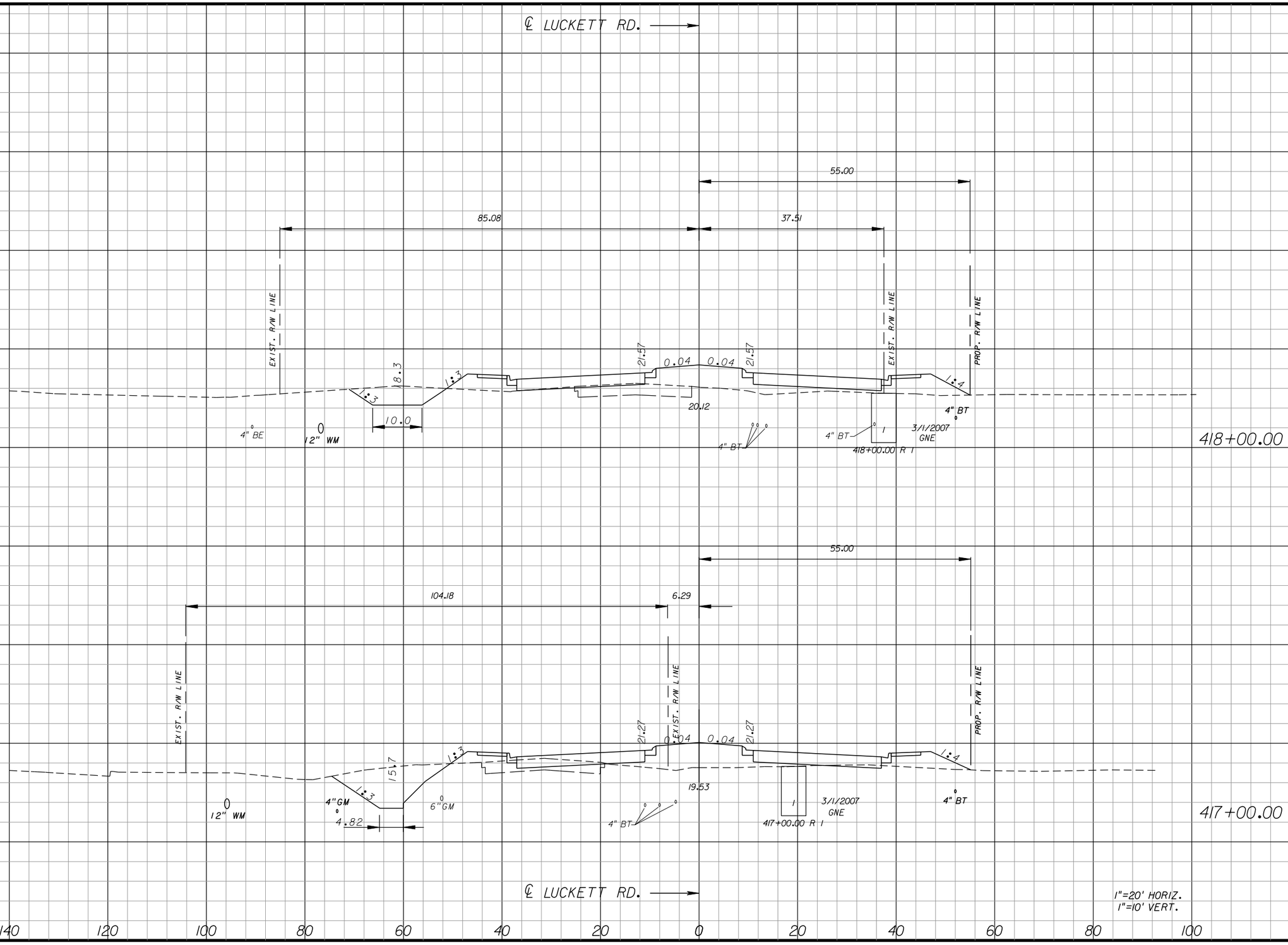
PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm

# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
300

apeters
10/11/2010 4:43:07 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 22 | | 98 | |
| | 163 | | 334 |
| 66 | | 82 | |
| | 269 | | 174 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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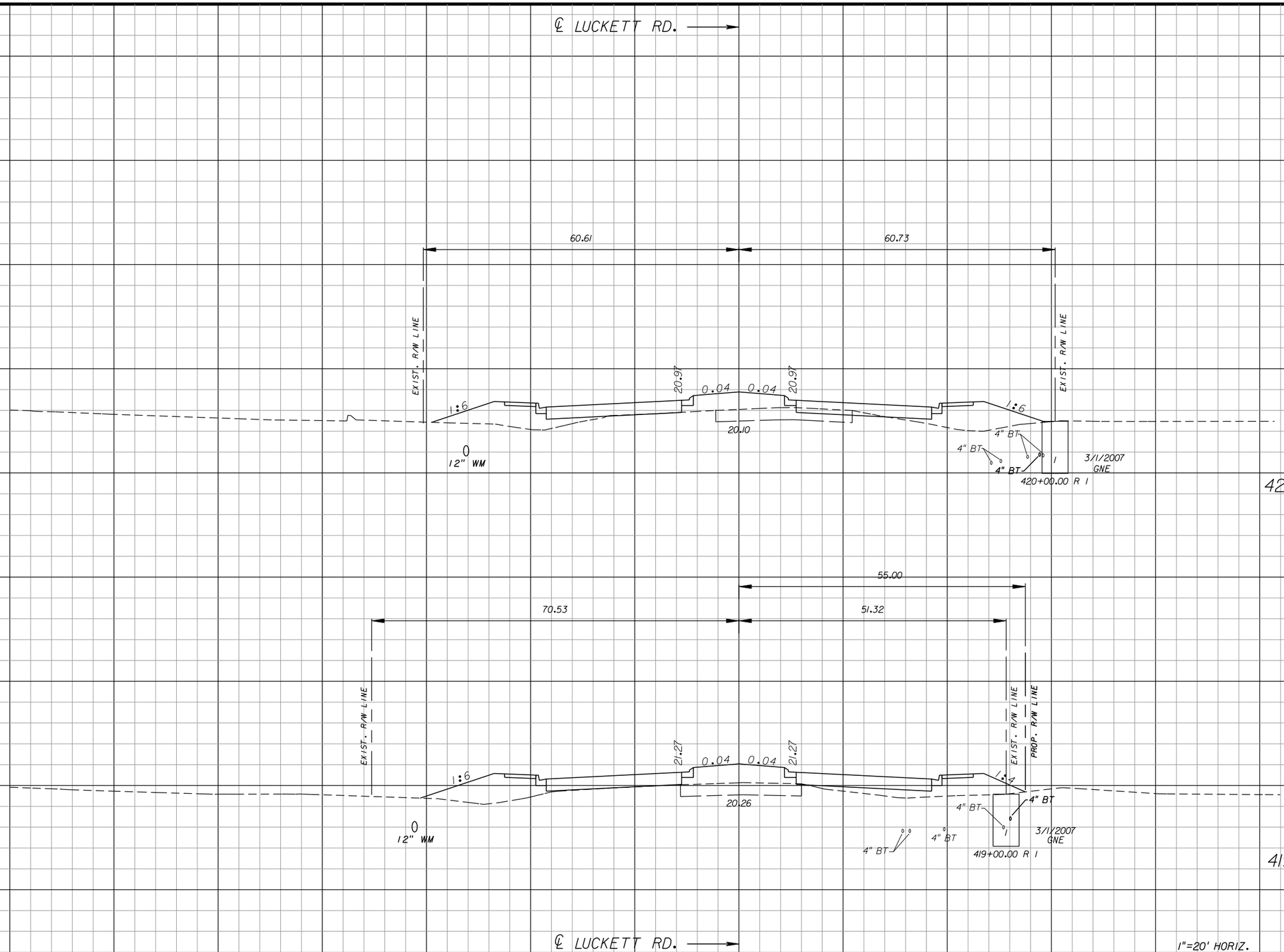
PUBLIC WORKS
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FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
301

apeters
10/11/2010 4:43:09 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 6 | | 127 | |
| | 12 | | 459 |
| 0 | | 121 | |
| | 40 | | 405 |

420+00.00

419+00.00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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(239) 479-8900 www.lee-county.com/publicworks/dottle.htm

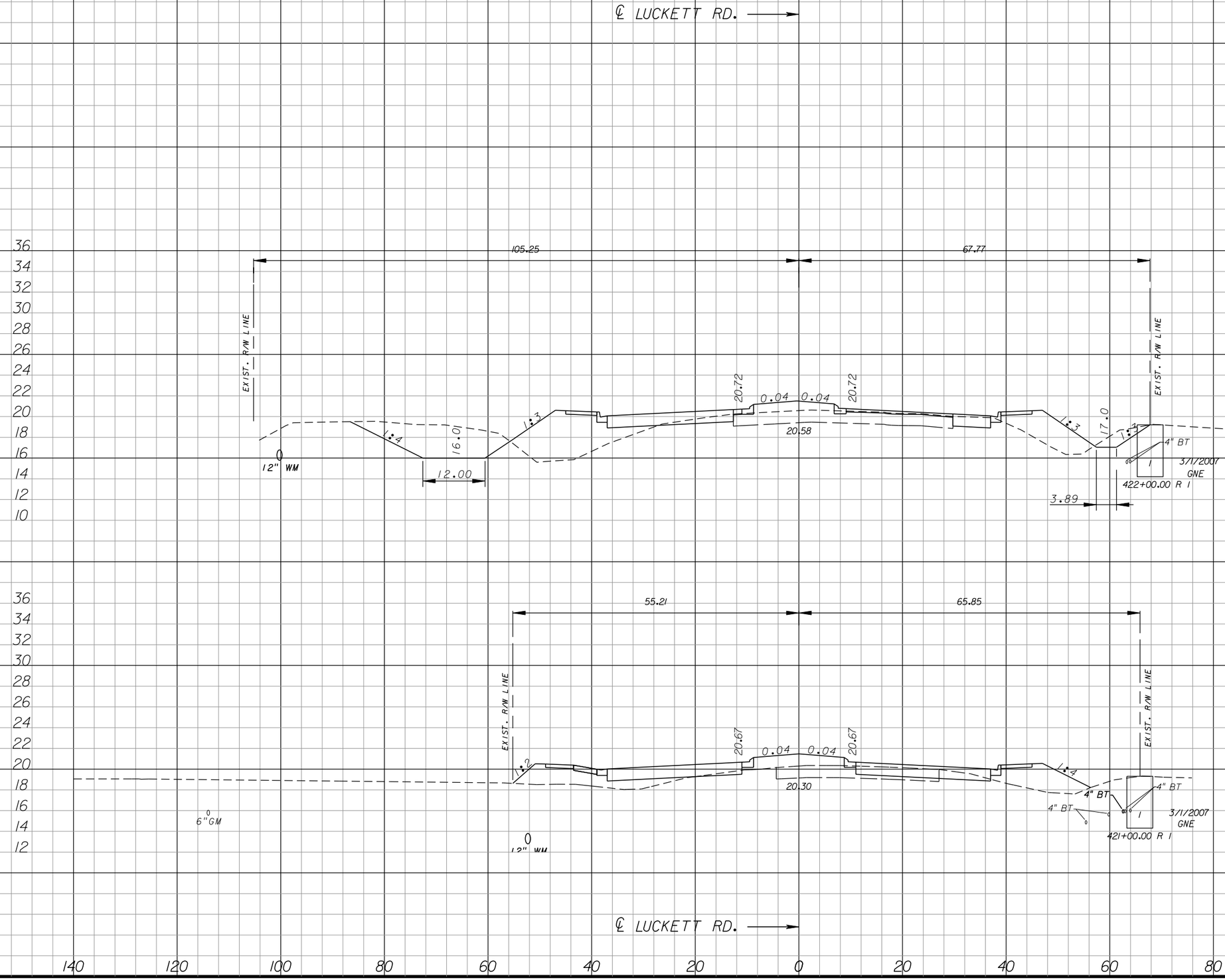
# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO. 302

apeters

10/11/2010 4:43:12 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 90 | | 119 | |
| 20 | | 91 | |
| 203 | | 388 | |
| 49 | | 402 | |

422+00.00

421+00.00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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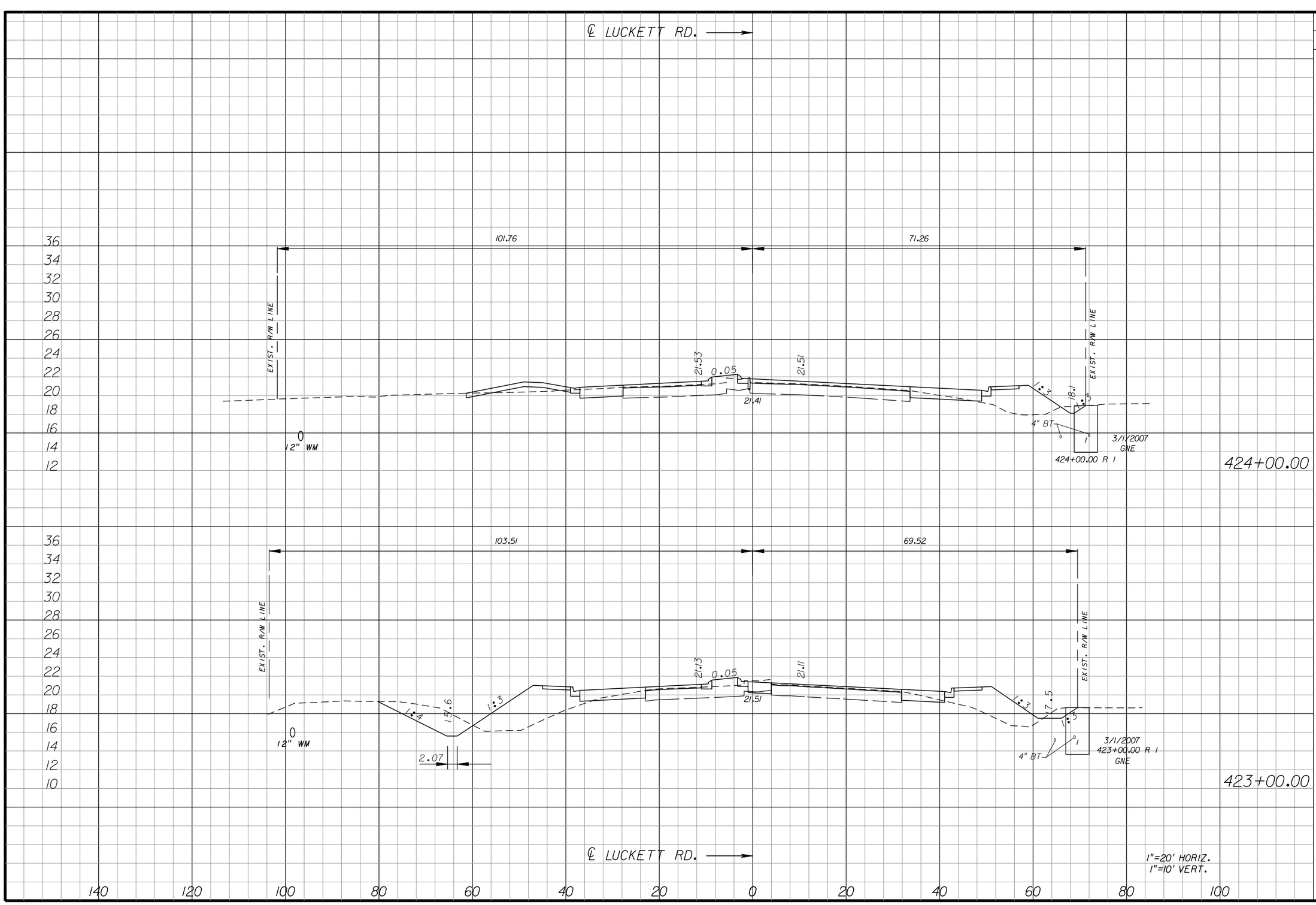
PUBLIC WORKS
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FLORIDA
DEPARTMENT
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TRANSPORTATION
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
303

apeters
10/11/2010 4:43:14 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 20 | | 42 | |
| | 139 | | 196 |
| 54 | | 64 | |
| | 267 | | 339 |

424+00.00

423+00.00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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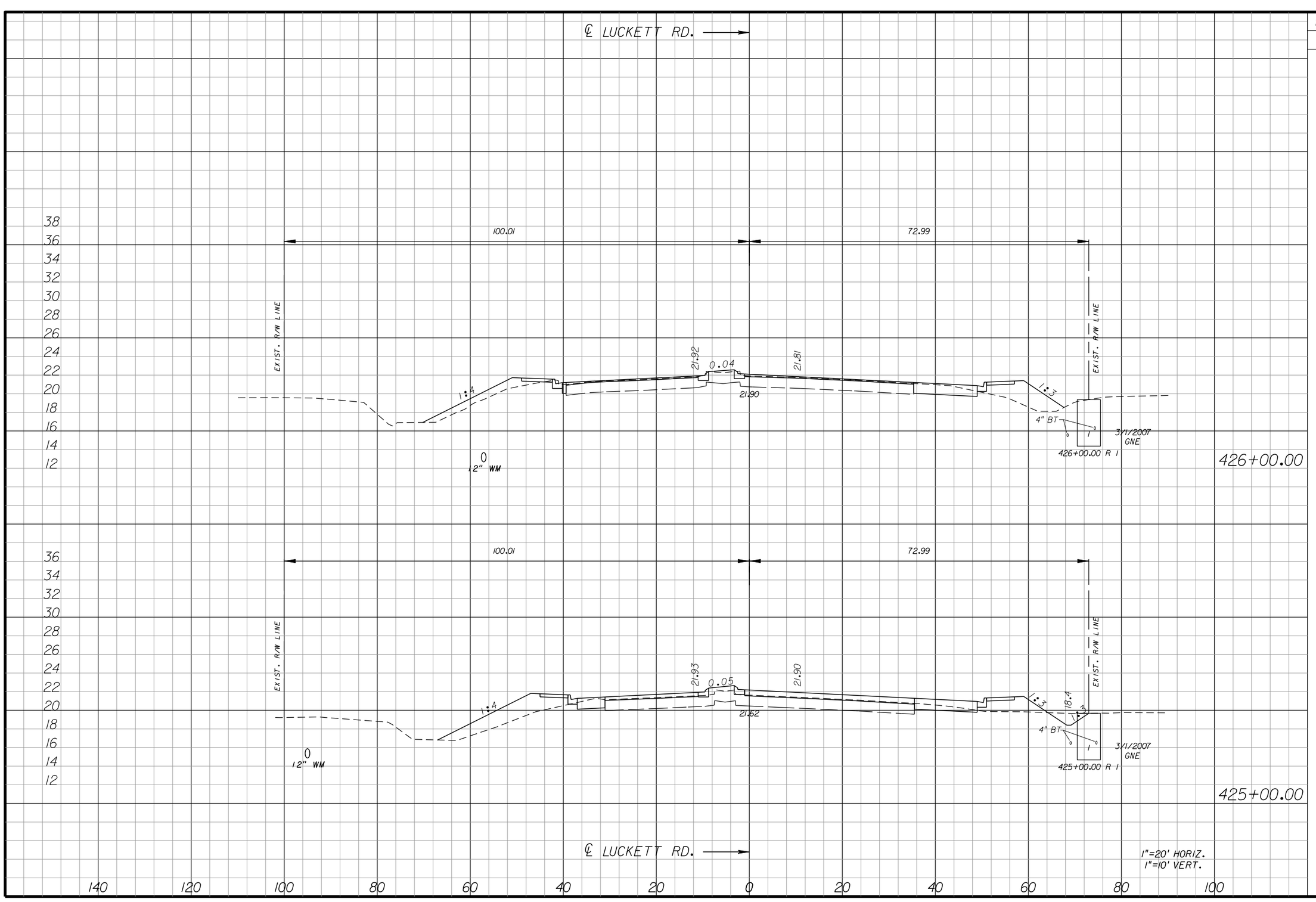
PUBLIC WORKS
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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
304

apeters
10/11/2010 4:43:16 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD30.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 18 | | 45 | |
| | 68 | | 191 |
| 19 | | 58 | |
| | 72 | | 185 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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# CROSS SECTIONS

## LUCKETT ROAD

SHEET NO.
305

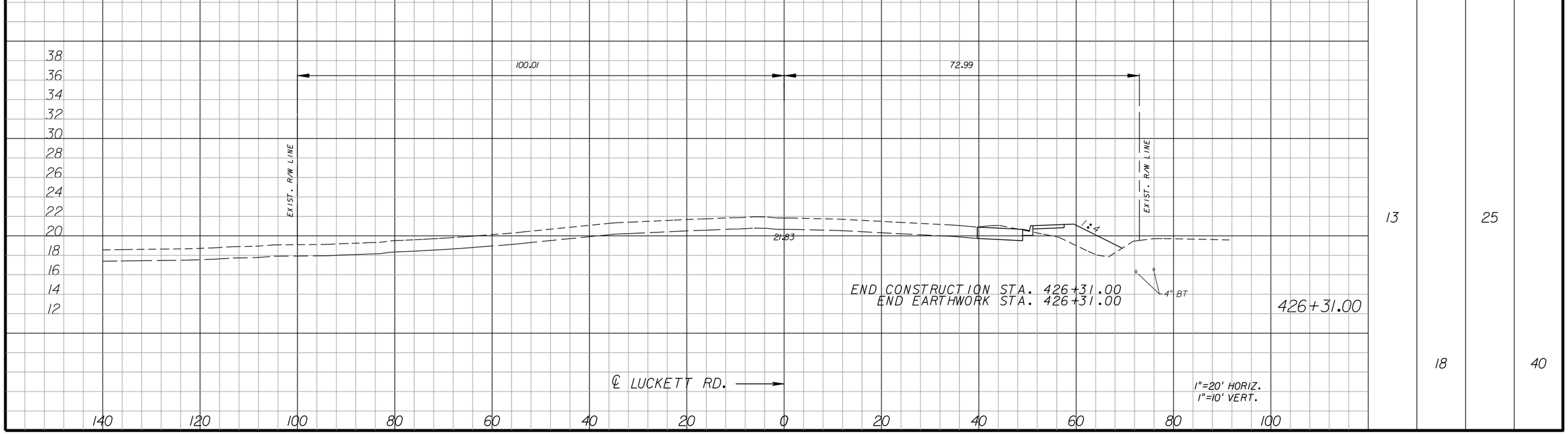
apeters
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℄ LUCKETT RD. ⟶

## SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 5,856 CY
EMBANKMENT = 8,849 CY

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 13 | | 25 | |
| | 18 | | 40 |




1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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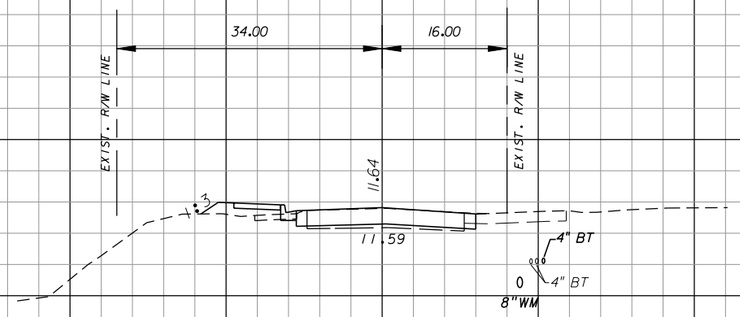

# CROSS SECTIONS

## LUCKETT ROAD

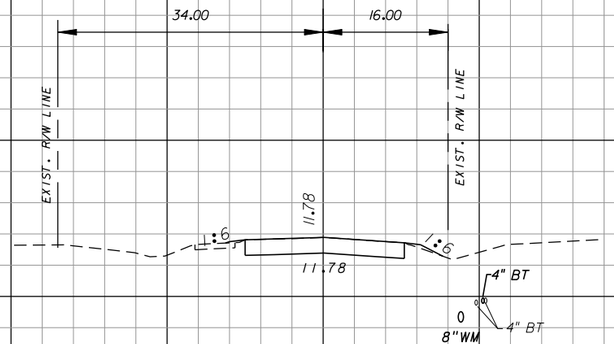
SHEET NO.
306

apeters
10/11/2010 4:43:21 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD30.dgn

℄ GLENWOOD AVE. →




494+00.00




493+60.00

BEGIN CONSTRUCTION STA. 493+60.00
BEGIN EARTHWORK STA. 493+60.00

℄ GLENWOOD AVE. →

20 18 16 14 12 10 8 6 — 20 18 16 14 12 10 8 6 4

120 100 80 60 40 20 0 20 40 60 80 100 120

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 24 | | 12 | |
| | 33 | | 10 |
| 23 | | 1 | |
| | 0 | | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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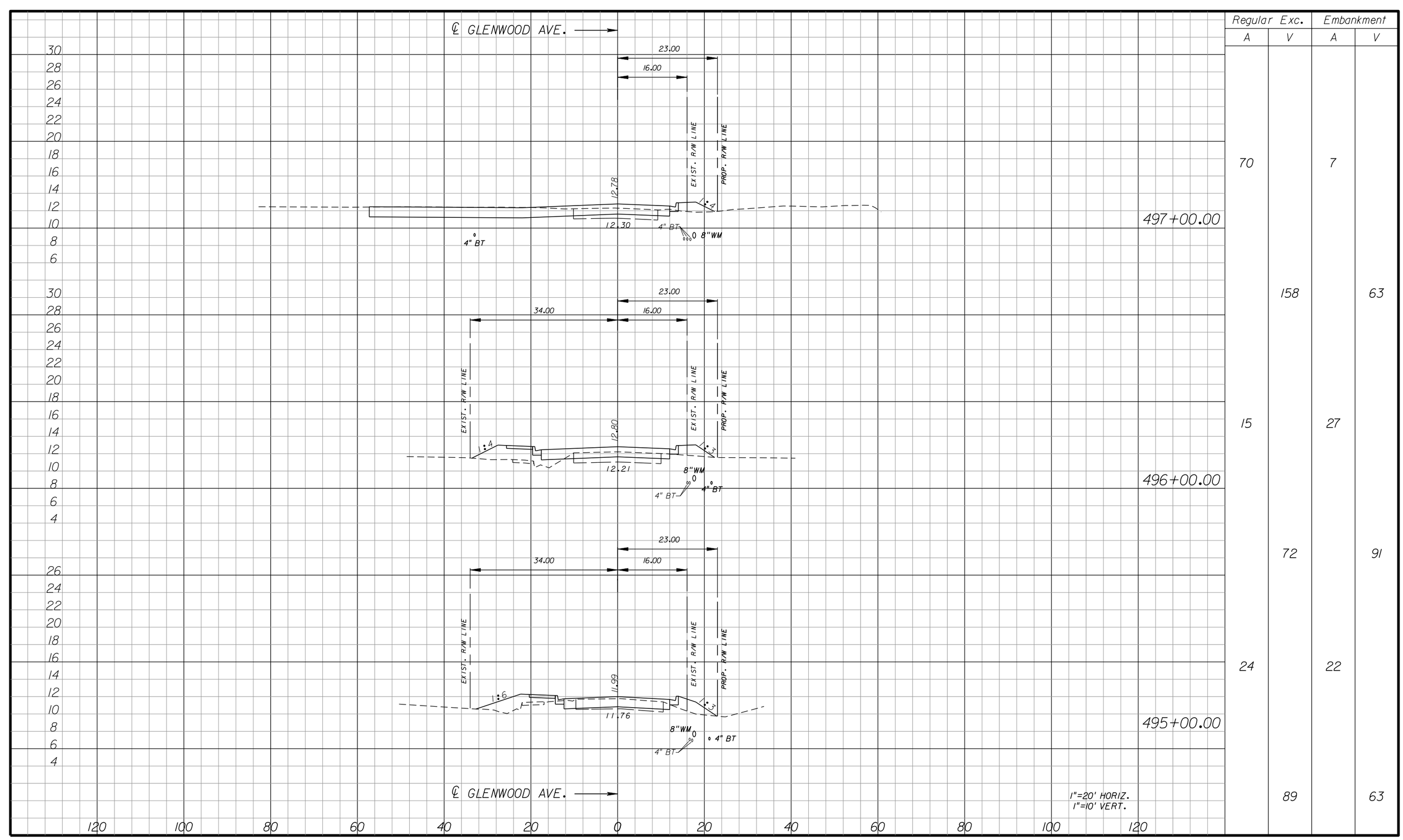

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# CROSS SECTIONS

## GLENWOOD AVENUE

SHEET NO. 307

apeters 10/11/2010 4:43:29 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD35.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 70 | | 7 | |
| | 158 | | 63 |
| 15 | | 27 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## GLENWOOD AVENUE

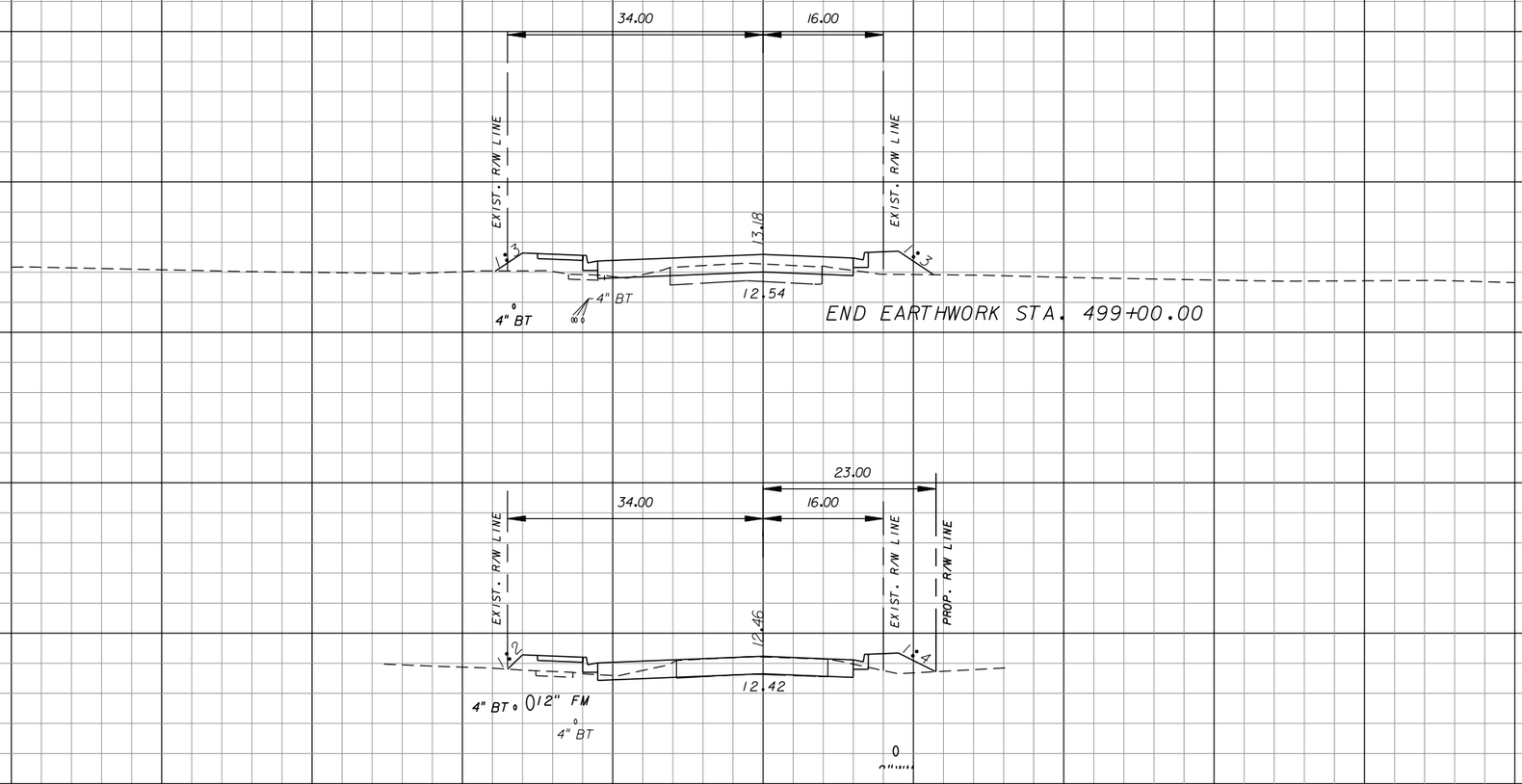
SHEET NO. 308

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℄ GLENWOOD AVE. ⟶

## SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 638 CY
EMBANKMENT = 326 CY




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 17 | | 17 | |
| | 93 | | 59 |
| 34 | | 15 | |
| | 193 | | 40 |

499+00.00

498+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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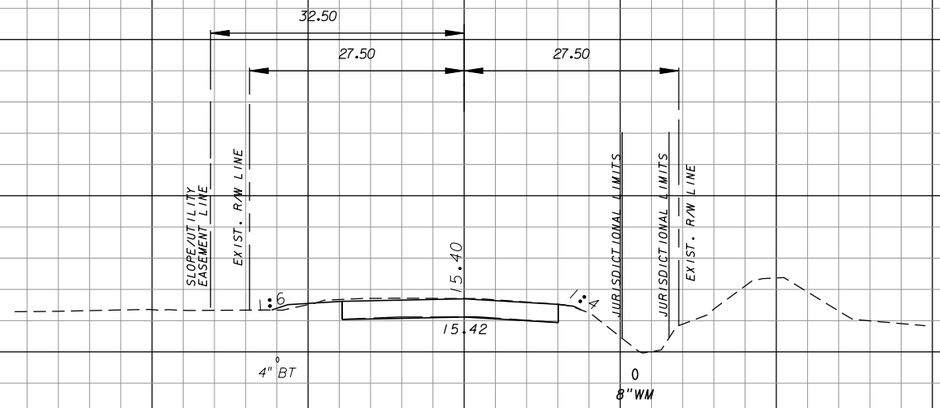

# CROSS SECTIONS

## GLENWOOD AVENUE

SHEET NO. 309

apeters
10/11/2010 4:43:34 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD35.dgn

℄ TICE ST. →




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 34 | | 3 | |
| 1 | | 0 | |
| 34 | | 3 | |

594+00.00

593+98.84

BEG. CONSTRUCTION STA. 593+98.84
BEG. EARTHWORK STA. 593+98.84

℄ TICE ST. →

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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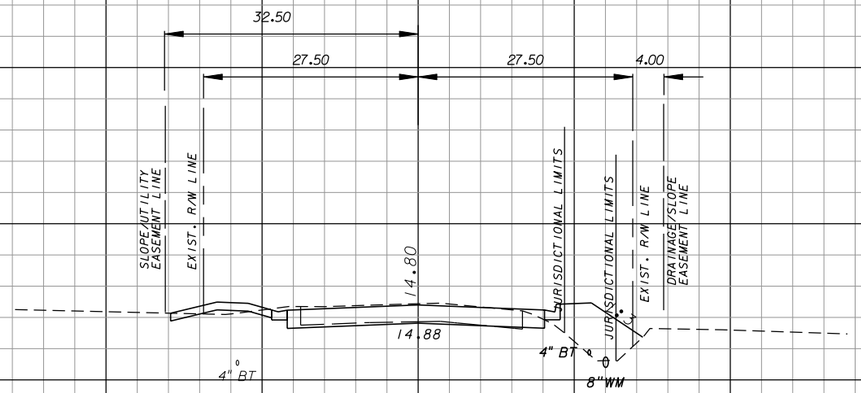

# CROSS SECTIONS

## TICE STREET

SHEET NO. 310

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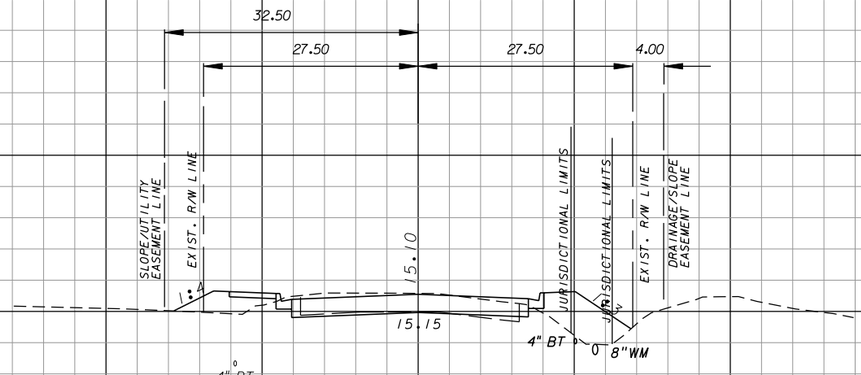
℄ TICE ST.→




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 43 | | 26 | |
| 148 | | 112 | |
| 36 | | 34 | |
| 131 | | 68 | |

596+00.00

595+00.00




℄ TICE ST.→

30 28 26 24 22 20 18 16 14 12 10 8 6

120 100 80 60 40 20 0 20 40 60 80 100 120

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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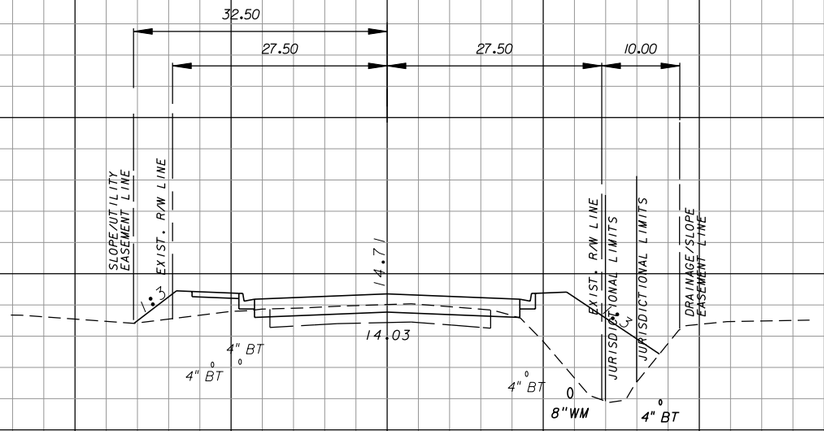

# CROSS SECTIONS

## TICE STREET

SHEET NO. 311

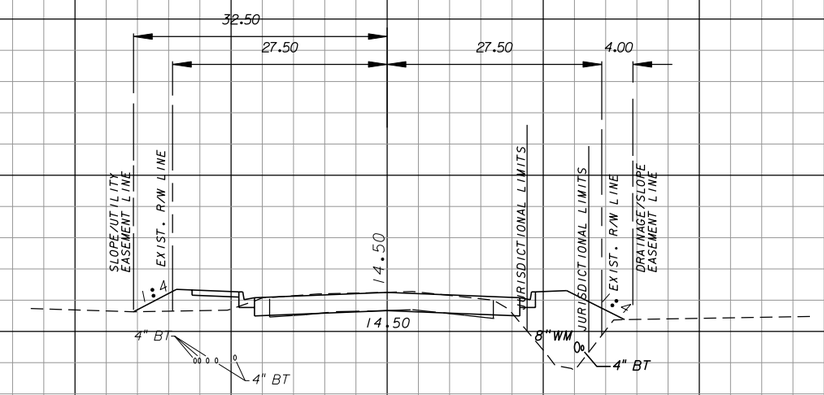
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℄ TICE ST.→




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 16 | | 82 | |

598+00.00




| | | | |
|---|---|---|---|
| 98 | | 245 | |
| 37 | | 50 | |
| 149 | | 142 | |

597+00.00

℄ TICE ST.→

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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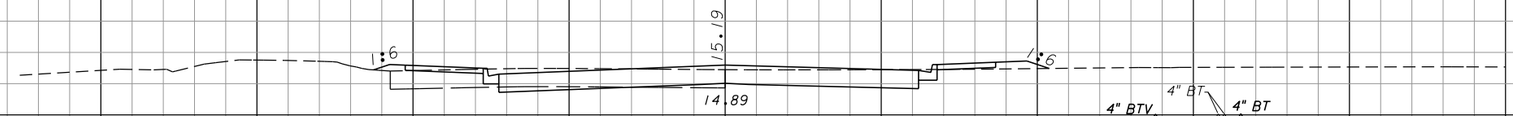

# CROSS SECTIONS

## TICE STREET

SHEET NO. 312

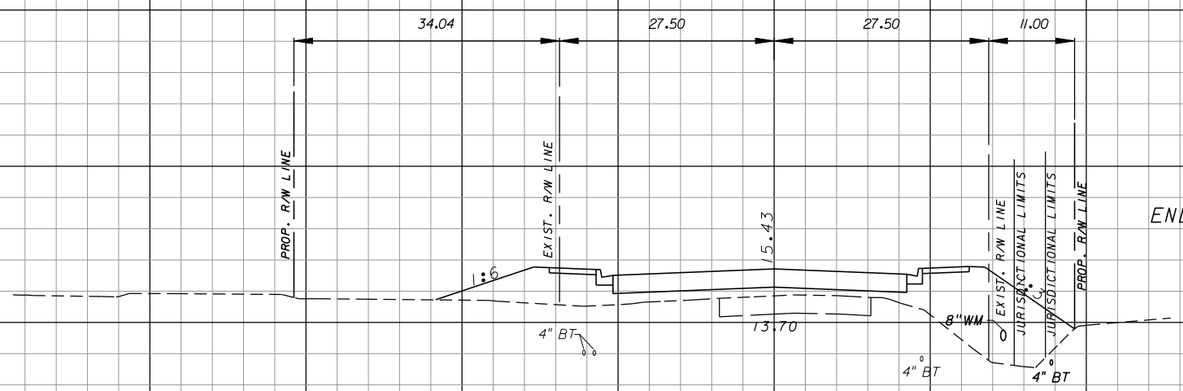
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℄ TICE ST.→




601+00.00

BEGIN EARTHWORK STA. 601+00.00




END EARTHWORK STA. 599+00.00

599+00.00

℄ TICE ST.→

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 66 | | 4 | |
| 0 | | 0 | |
| 0 | | 131 | |
| 30 | | 394 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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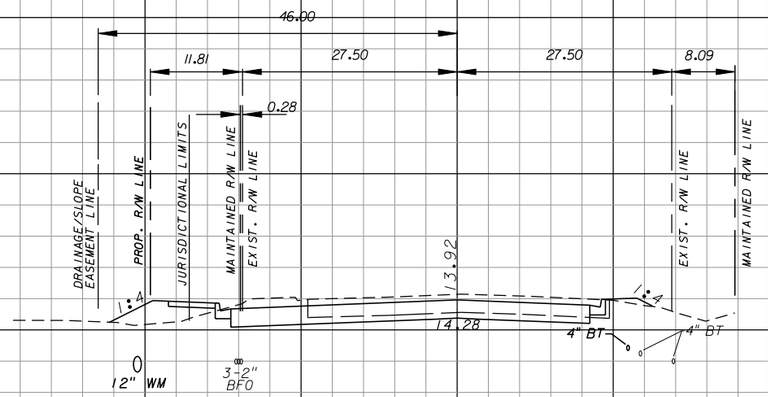

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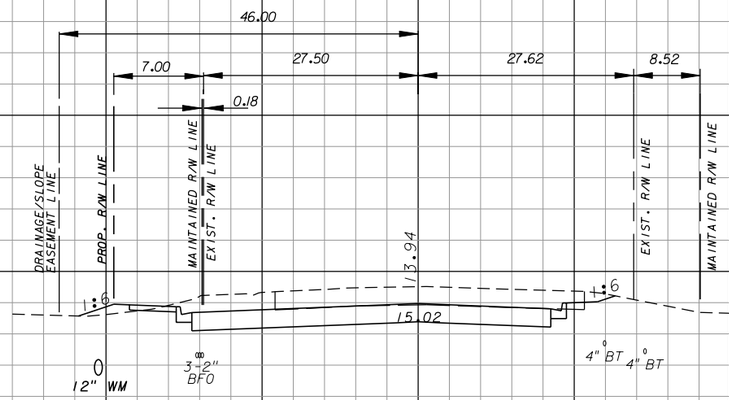
## TICE STREET

SHEET NO. 313

apeters
10/11/2010 4:43:52 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD40.dgn

℄ TICE ST. →




℄ TICE ST. →

| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 603+00.00 | 71 | | 12 | |
| | | 337 | | 29 |
| 602+00.00 | 111 | | 4 | |
| | | 329 | | 14 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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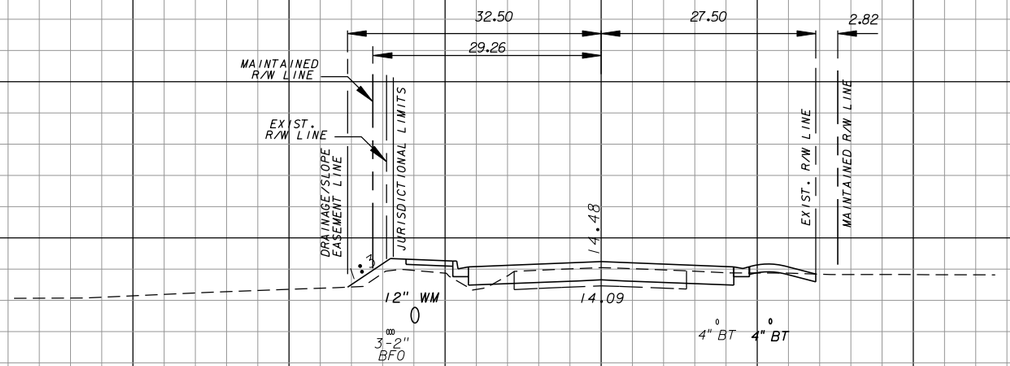

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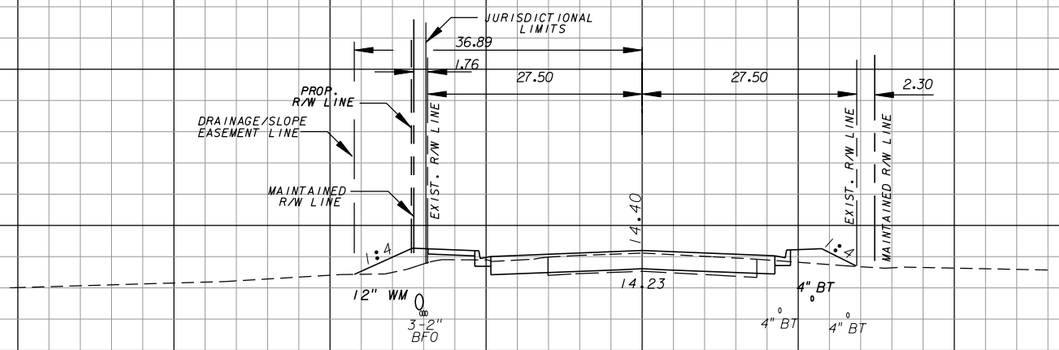
## TICE STREET

SHEET NO. 314

apeters 10/11/2010 4:43:54 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD40.dgn

℄ TICE ST.→




℄ TICE ST.→

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 25 | | 22 | |
| 115 | | 65 | |
| 37 | | 14 | |
| 200 | | 48 | |

605+00.00

604+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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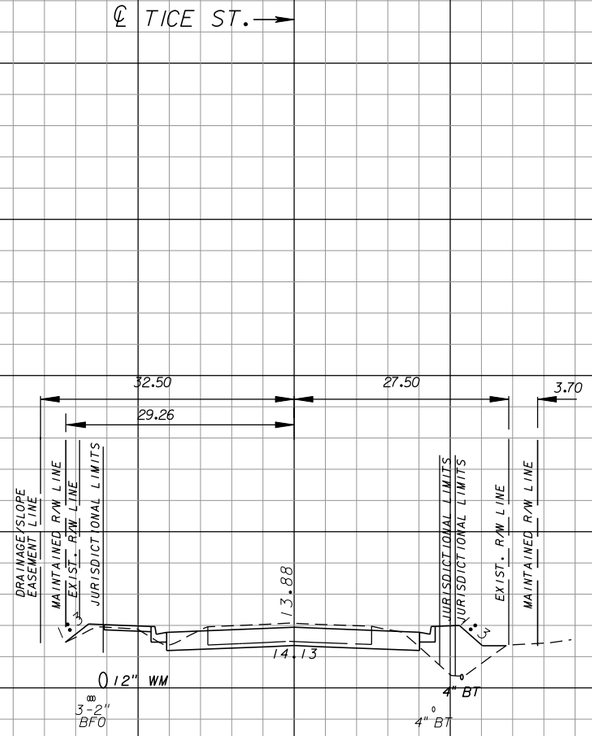

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FORT MYERS, FLORIDA 33901
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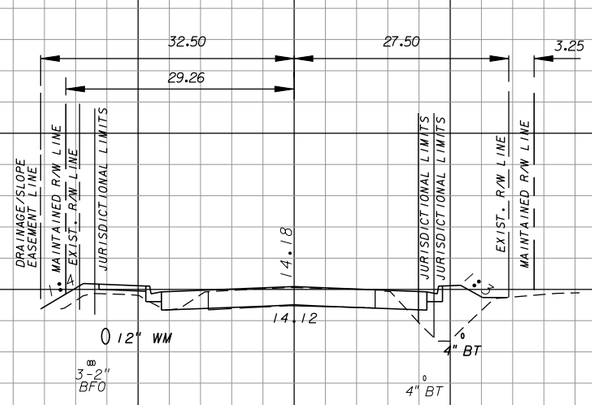

# CROSS SECTIONS

## TICE STREET

SHEET NO. 315

apeters
10/11/2010 4:43:56 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD40.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 41 | | 38 | |
| 30 | | 43 | |
| 131 | | 149 | |
| 102 | | 120 | |

607+00.00

606+00.00

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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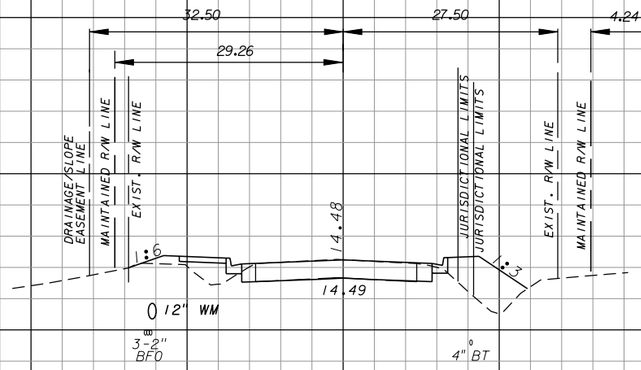
# CROSS SECTIONS

## TICE STREET

SHEET NO.
316

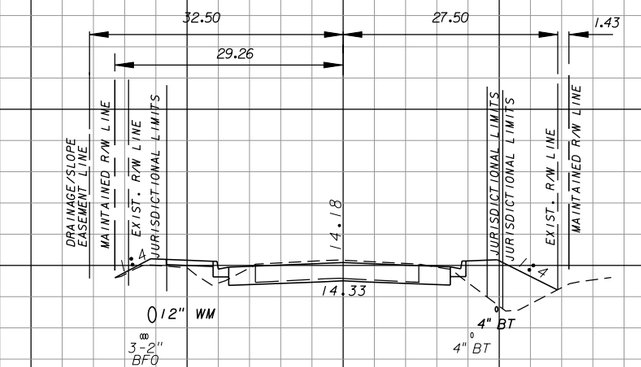
apeters
10/11/2010 4:43:59 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\RDXSRD40.dgn

℄ TICE ST.→




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 29 | | 39 | |

609+00.00




| | | | |
|---|---|---|---|
| 120 | | 156 | |
| 36 | | 45 | |
| 141 | | 153 | |

608+00.00

℄ TICE ST.→

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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# CROSS SECTIONS

## TICE STREET

SHEET NO. 317

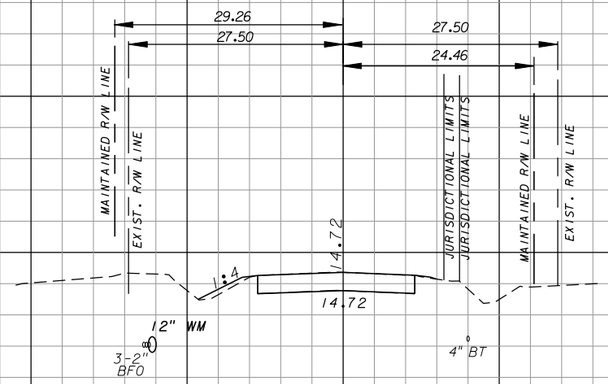
apeters 10/11/2010 4:44:01 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\RDXSRD40.dgn

℄ TICE ST.→

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 2,110 CY
EMBANKMENT = 1,754 CY

END CONSTRUCTION STA. 609+79.80
END EARTHWORK STA. 609+79.80




℄ TICE ST.→

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 609+79.80 | 24 | 0 | |
| | 78 | | 59 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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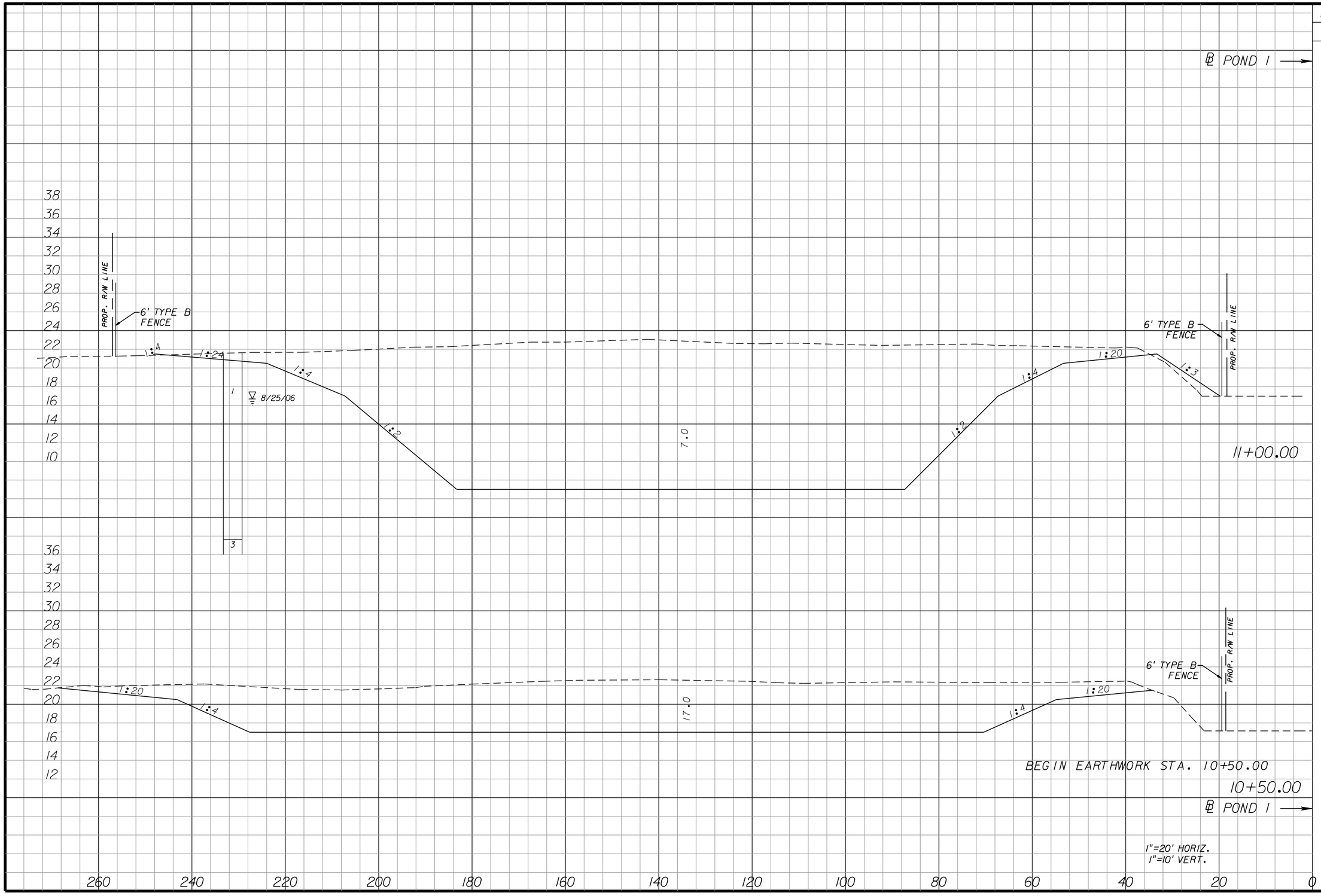

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# CROSS SECTIONS

## TICE STREET

SHEET NO. 318

apeters
10/11/2010 4:44:04 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\RDXSRD40.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 2092 | | 10 | |
| | 2841 | | 9 |
| 976 | | 0 | |
| | | 0 | 0 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

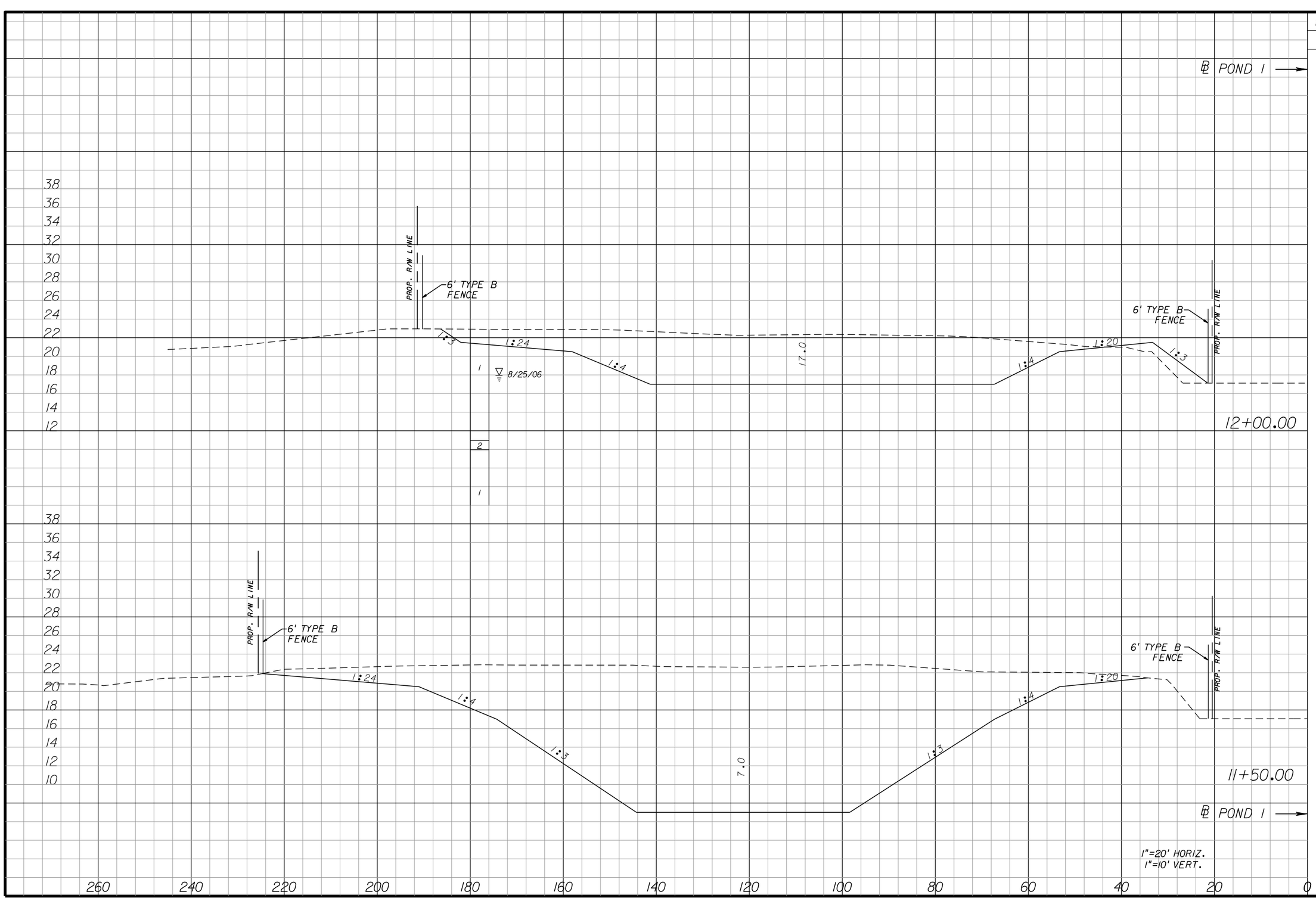

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# CROSS SECTIONS

## POND 1

SHEET NO. 319

apeters
10/11/2010 4:44:11 PM P:\LeeCounty_05-8974Or11z\PlanSet\roadway\PDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 553 | | 20 | |
| | 1942 | | 18 |
| 1545 | | 0 | |
| | 3368 | | 9 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## POND 1

SHEET NO. 320

apeters

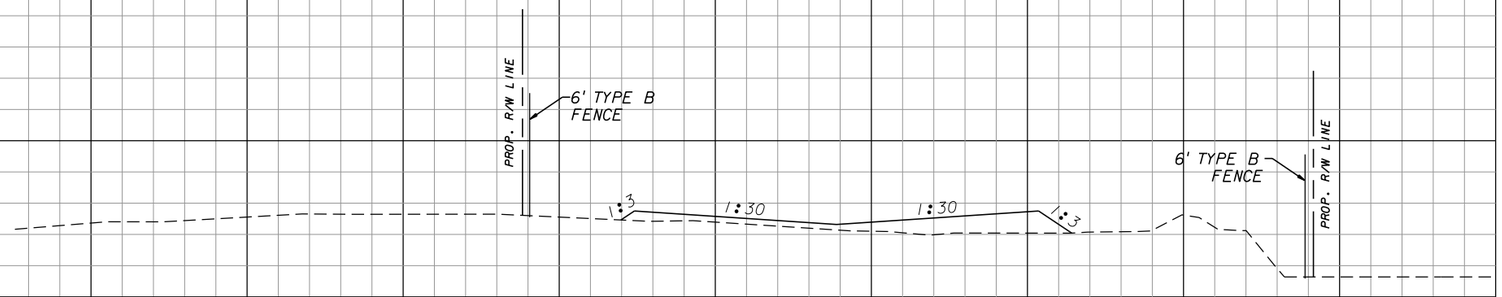
10/11/2010 4:44:13 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD01.DGN

℄ POND 1 →

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 9,155 CY
EMBANKMENT = 136 CY

END EARTHWORK STA. 13+10.00




13+00.00




12+50.00

℄ POND 1 →

1"=20' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 39 | |
| | 246 | | 59 |
| 266 | | 25 | |
| | 758 | | 41 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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FLORIDA CERTIFICATE NO. 60274


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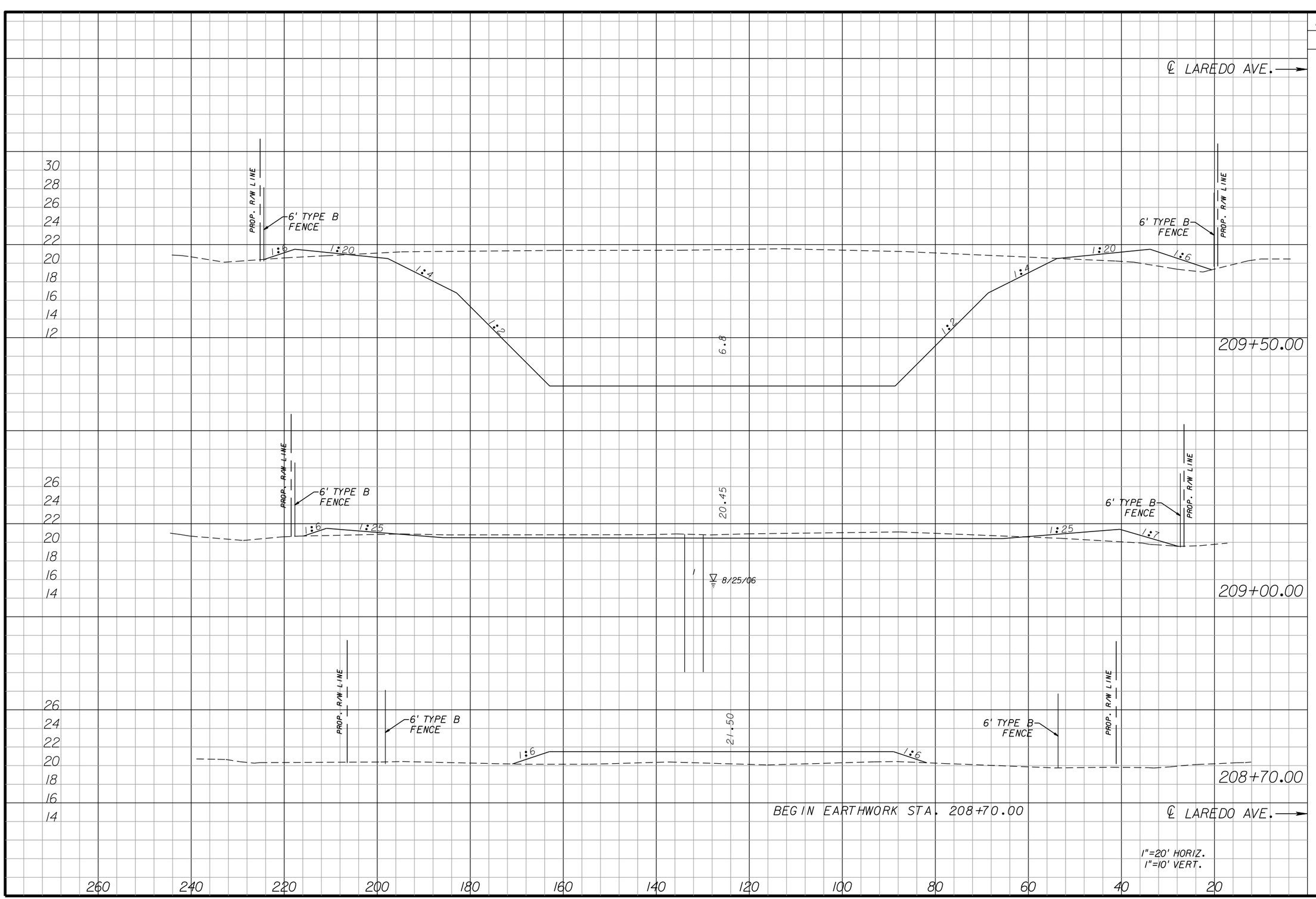

# CROSS SECTIONS

## POND 1

SHEET NO. 321

apeters

10/11/2010 4:44:15 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD01.DGN




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 1532 | | 36 | |
| | 1470 | | 61 |
| 55 | | 29 | |
| | 31 | | 73 |
| 0 | | 102 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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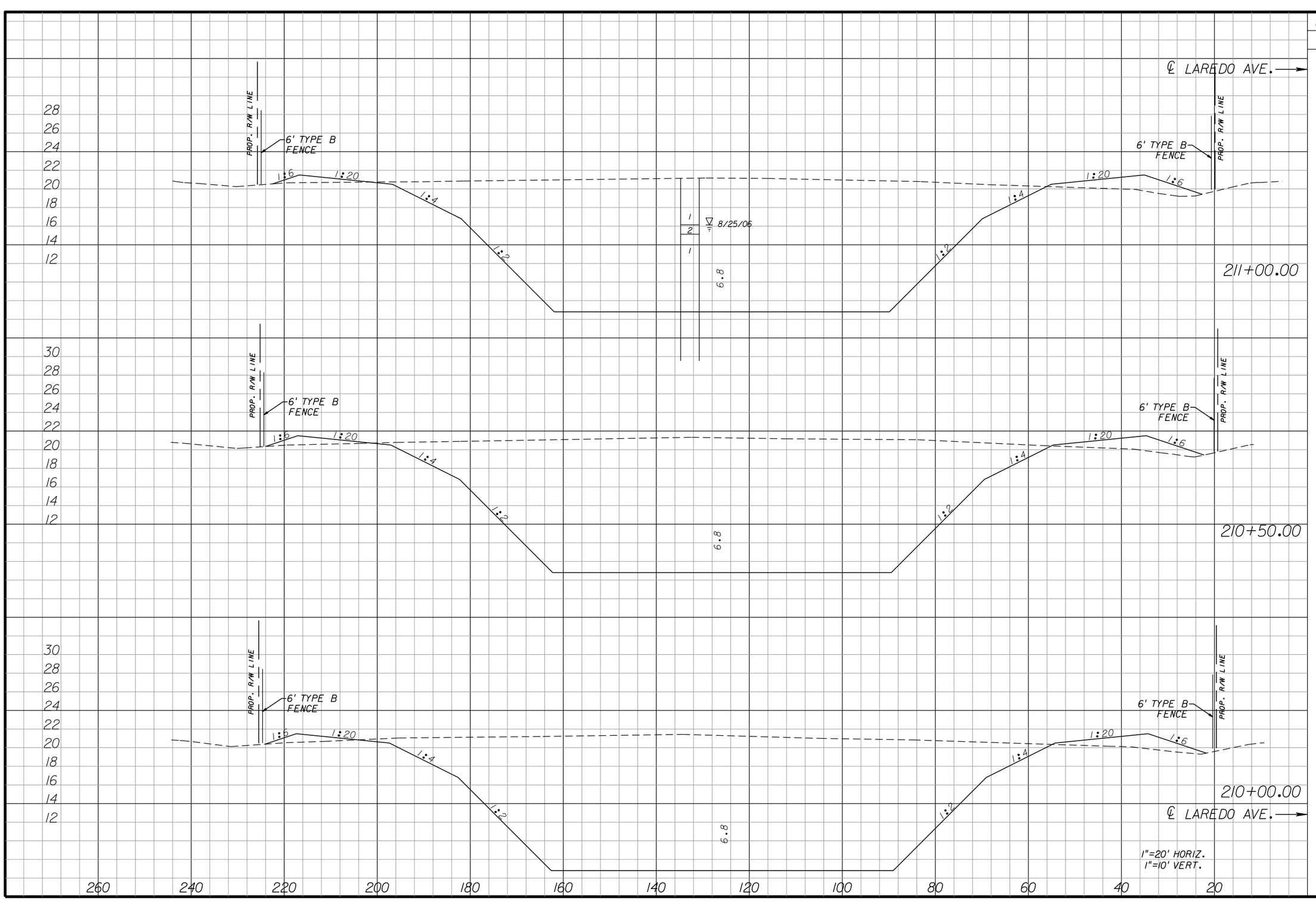

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# CROSS SECTIONS

## POND 2

SHEET NO. 322

apeters 10/11/2010 4:44:23 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD02.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 1445 | | 41 | |
| | 2704 | | 74 |
| 1475 | | 39 | |
| | 2744 | | 71 |
| 1489 | | 37 | |
| | 2797 | | 68 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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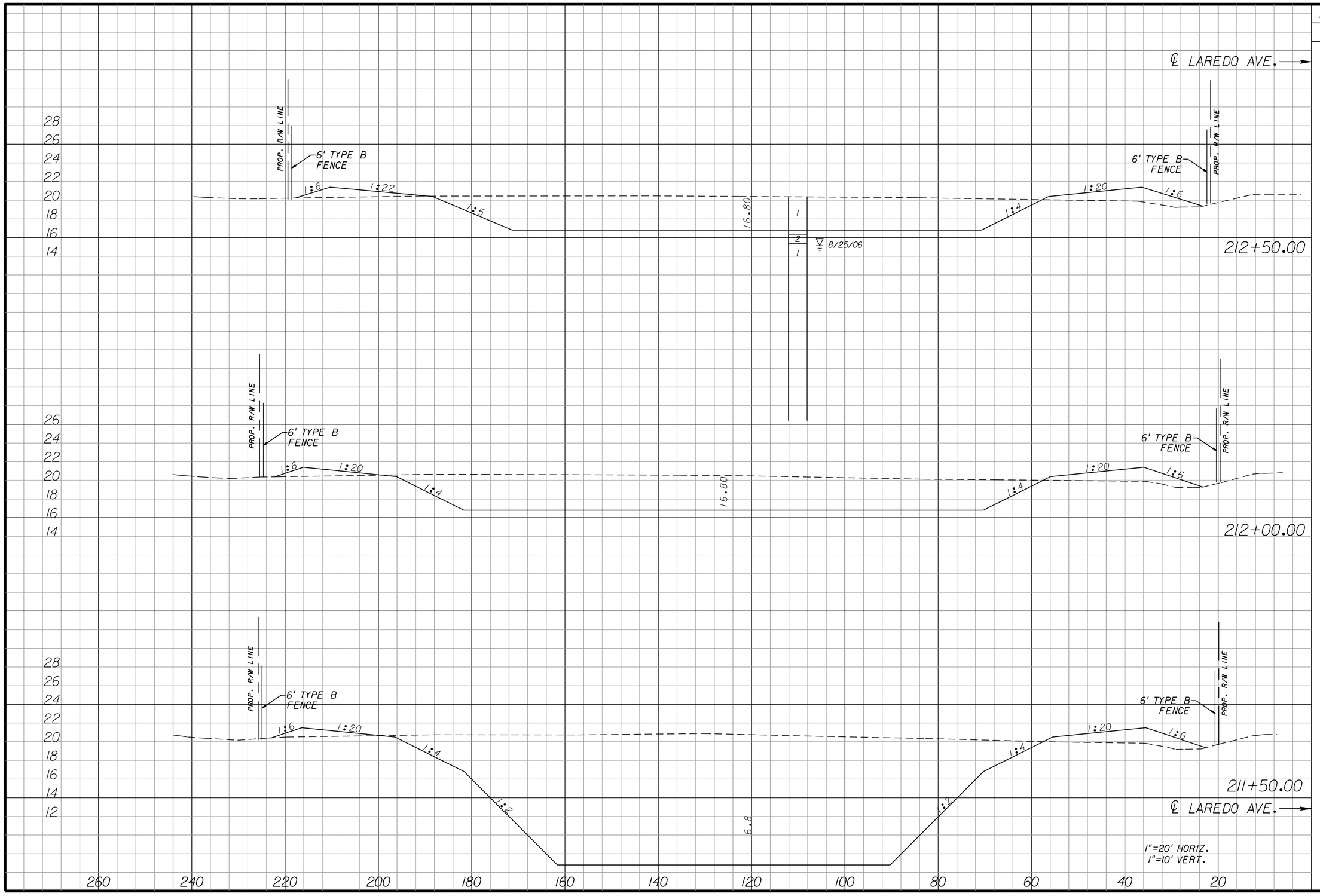

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# CROSS SECTIONS

## POND 2

SHEET NO. 323

apeters 10/11/2010 4:44:25 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD02.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 413 | | 47 | |
| | 804 | | 82 |
| 455 | | 42 | |
| | 1711 | | 83 |
| 1393 | | 47 | |
| | 2628 | | 81 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

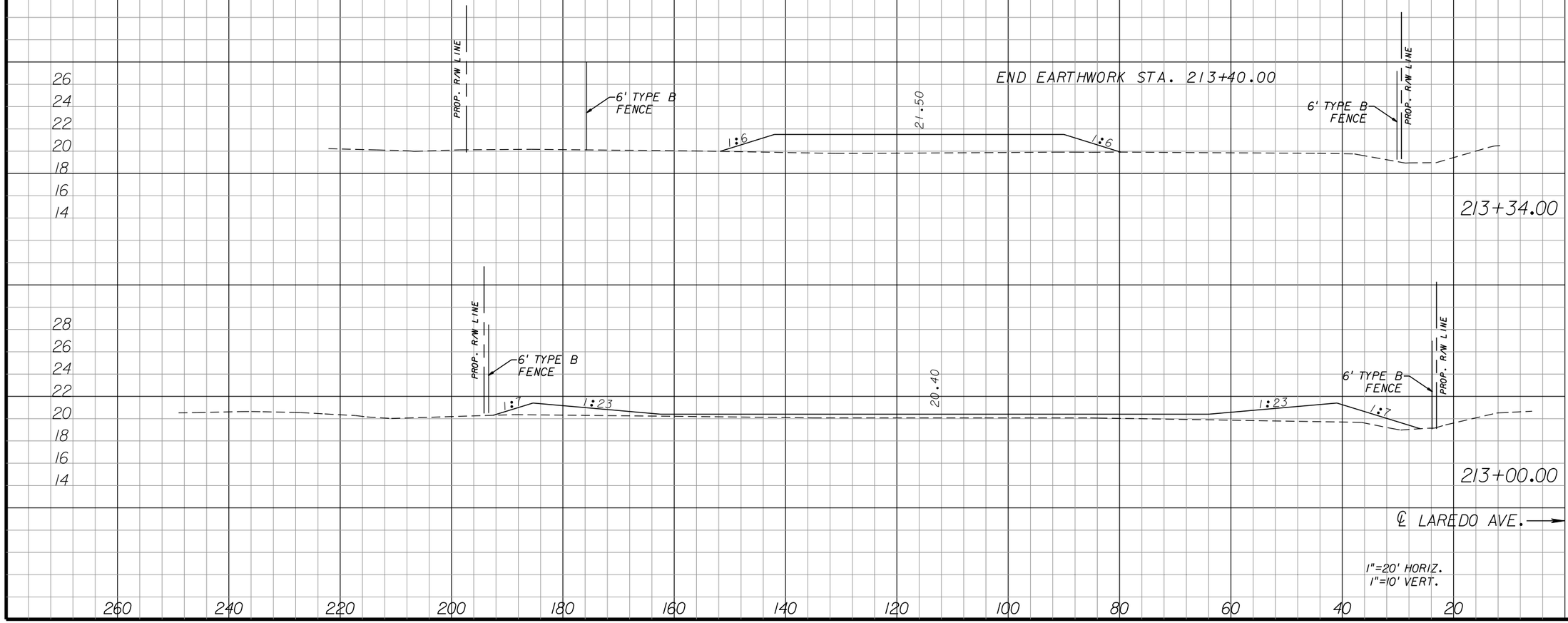
## POND 2

SHEET NO. 324

apeters 10/11/2010 4:44:27 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\PDXSRD02.dgn

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 15,272 CY
EMBANKMENT = 849 CY




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 0 | |
| | 0 | | 11 |
| 0 | | 102 | |
| | 0 | | 120 |
| 0 | | 89 | |
| | 383 | | 125 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274


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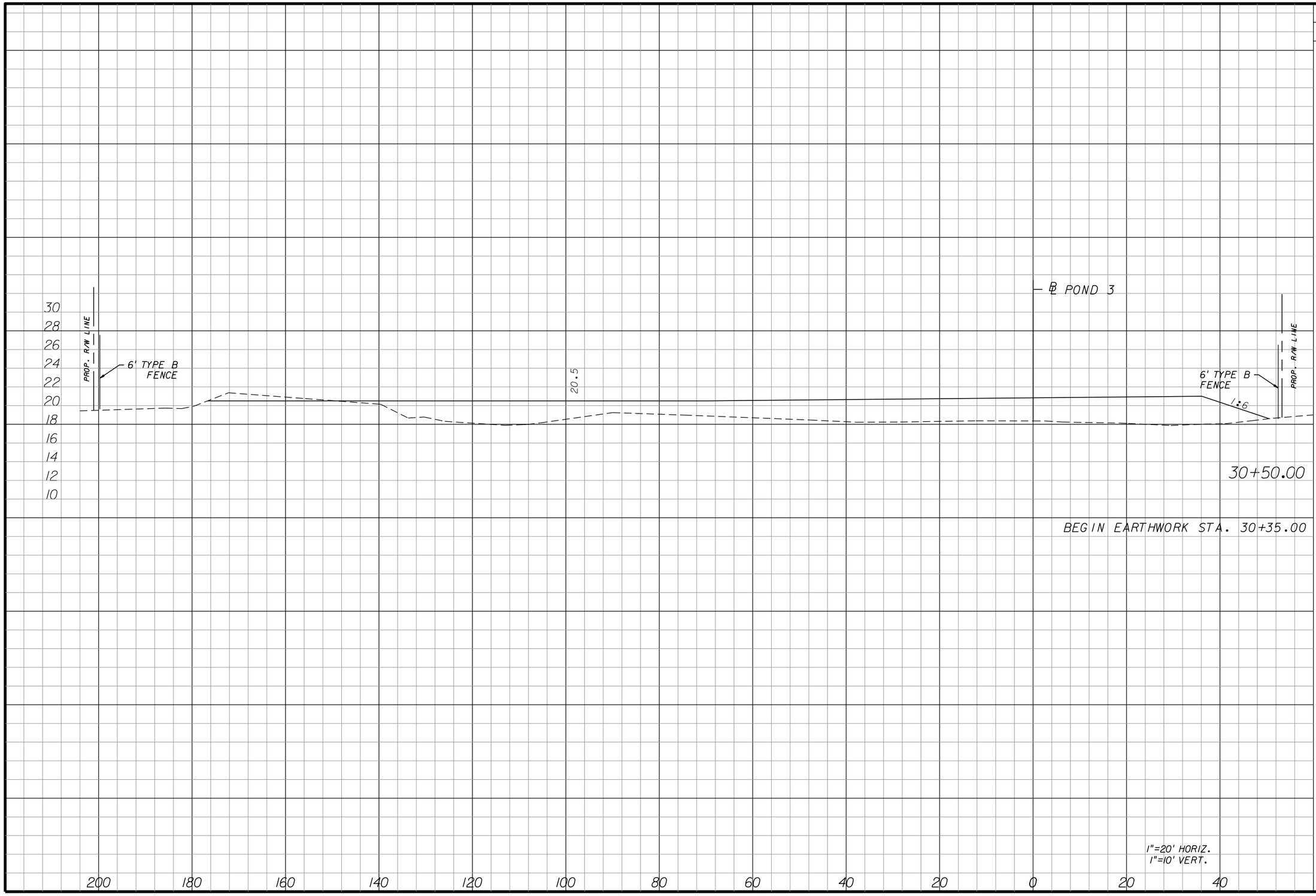

apeters

# CROSS SECTIONS

## POND 2

SHEET NO. 325

10/11/2010 4:44:29 PM P:\LeeCounty_05-89740rt1z\PlanSet\roadway\PDXSRD02.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | 2080 | | 496 |
| 12 | | 410 | |
| | 3 | | 114 |
| 0 | | 0 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

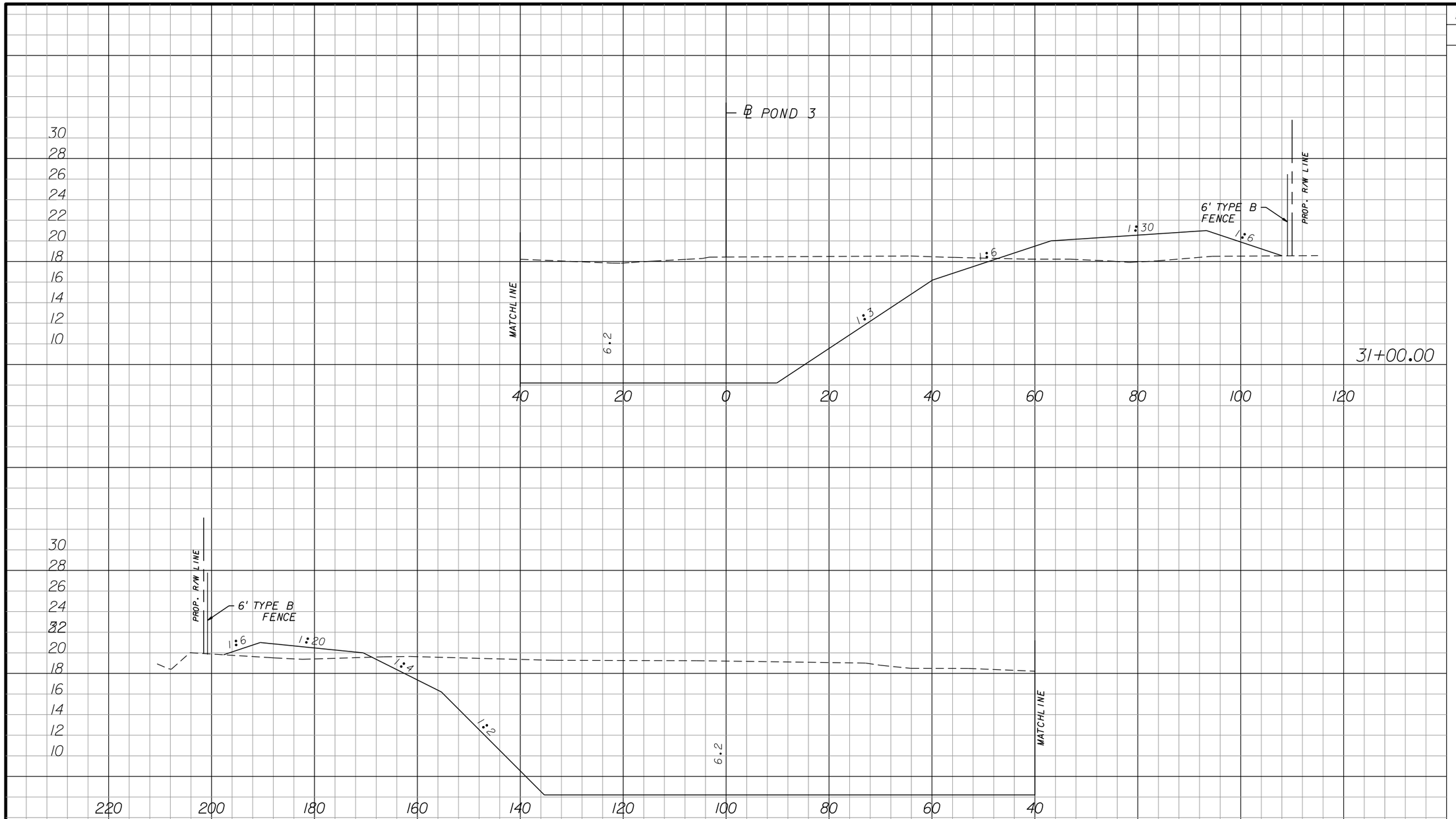

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# CROSS SECTIONS

## POND 3

SHEET NO. 326

apeters 10/11/2010 4:44:37 PM P:\LeeCounty_05-8974Ort1z\PlanSet\roadway\PDXSRD03.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 2234 | 3760 | 125 | 223 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

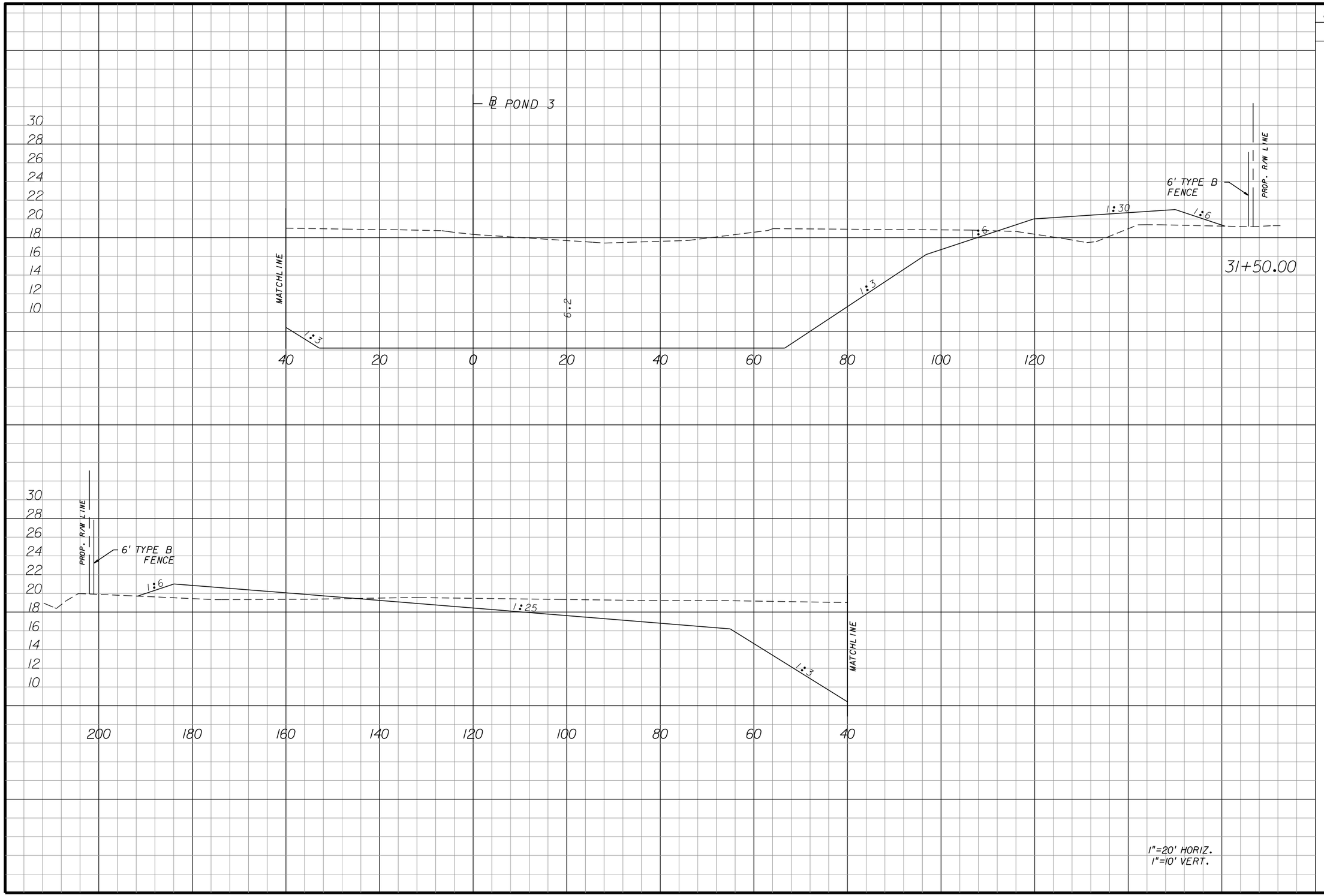

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# CROSS SECTIONS

## POND 3

SHEET NO. 327

apeters 10/11/2010 4:44:39 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD03.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | 3055 | | 171 |
| 1827 | | 115 | |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

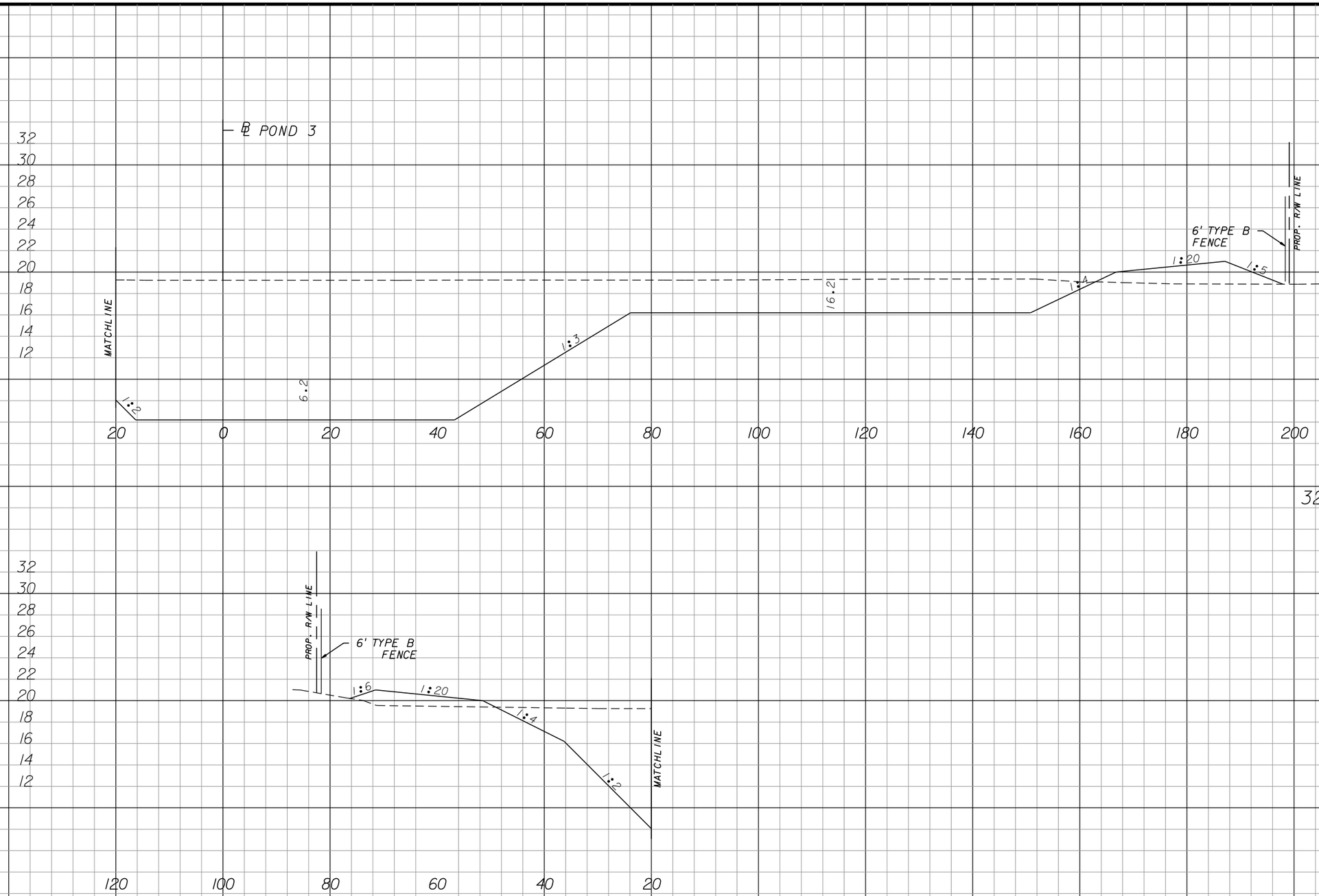

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# CROSS SECTIONS

## POND 3

SHEET NO. 328

apeters
10/11/2010 4:44:41 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD03.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | 2090 | | 129 |
| 1472 | | 69 | |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## POND 3

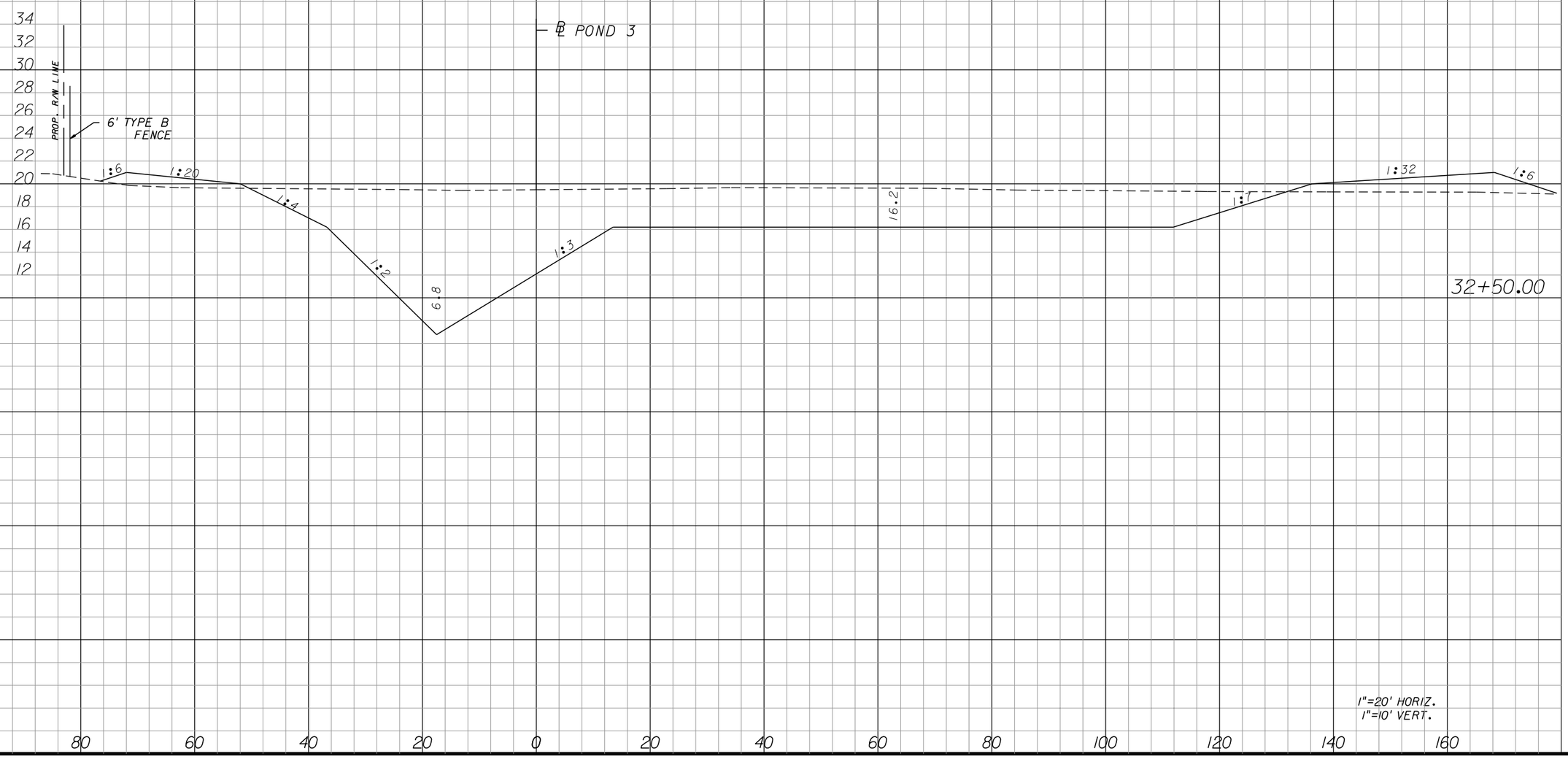
SHEET NO. 329

apeters
10/11/2010 4:44:43 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD03.dgn

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 10,988 CY
EMBANKMENT = 1,133 CY

END EARTHWORK STA. 32+50.00




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 32+50.00 | 786 | | 70 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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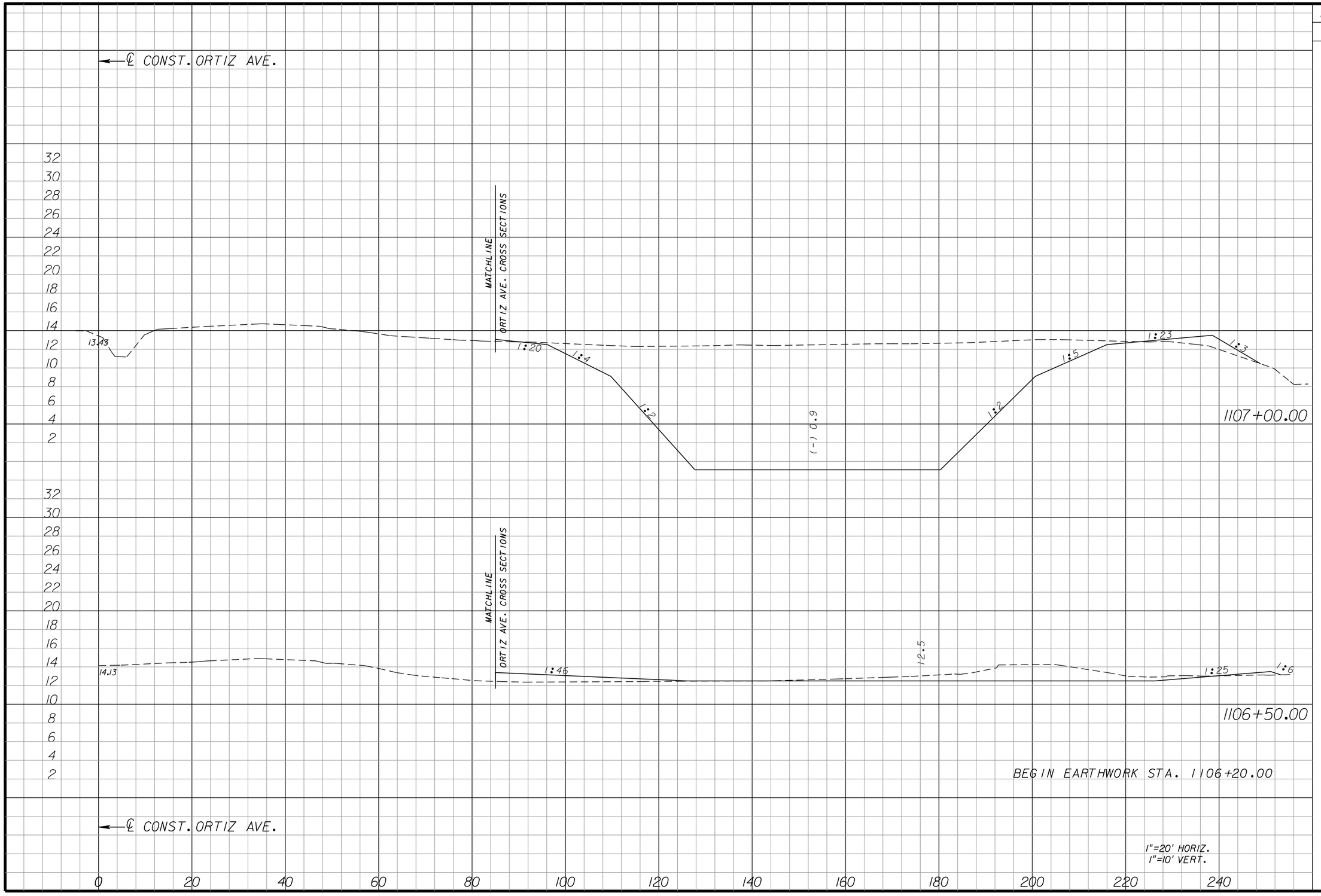

# CROSS SECTIONS

## POND 3

SHEET NO. 330

apeters

10/11/2010 4:44:44 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD03.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 1089 | | 15 | |
| | 1070 | | 37 |
| 67 | | 25 | |
| | 37 | | 14 |
| 0 | | 0 | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

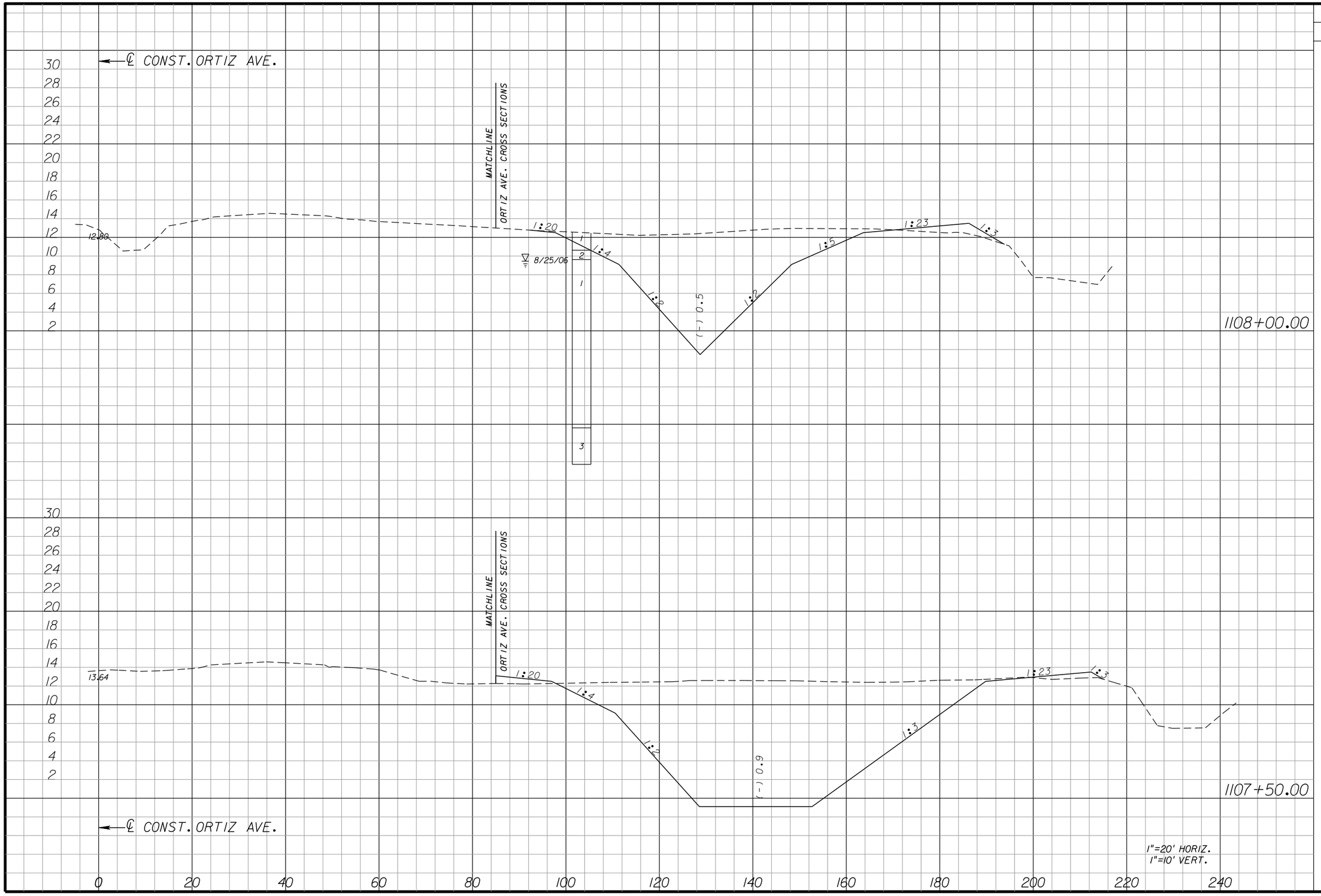

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# CROSS SECTIONS

## POND 4

SHEET NO. 331

apeters 10/11/2010 4:44:53 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD04.dgn




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 1108+00.00 | 362 | | 13 | |
| | | 1027 | | 24 |
| 1107+50.00 | 747 | | 13 | |
| | | 1700 | | 25 |

1"=20' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## POND 4

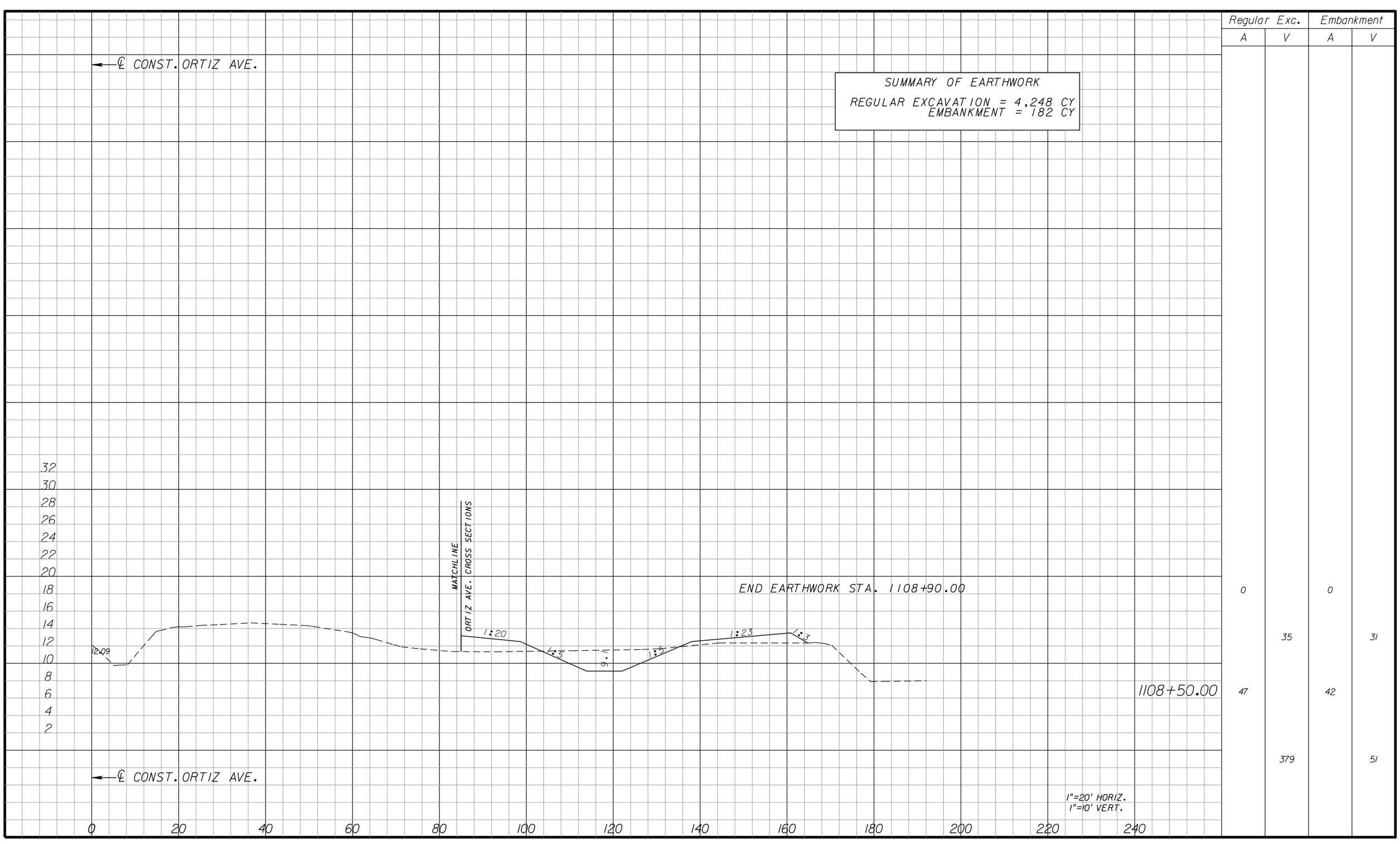
SHEET NO. 332

apeters

10/11/2010 4:44:55 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD04.dgn

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 4,248 CY
EMBANKMENT = 182 CY




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | | | |
| 0 | | 0 | |
| | 35 | | 31 |
| 47 | | 42 | |
| | 379 | | 51 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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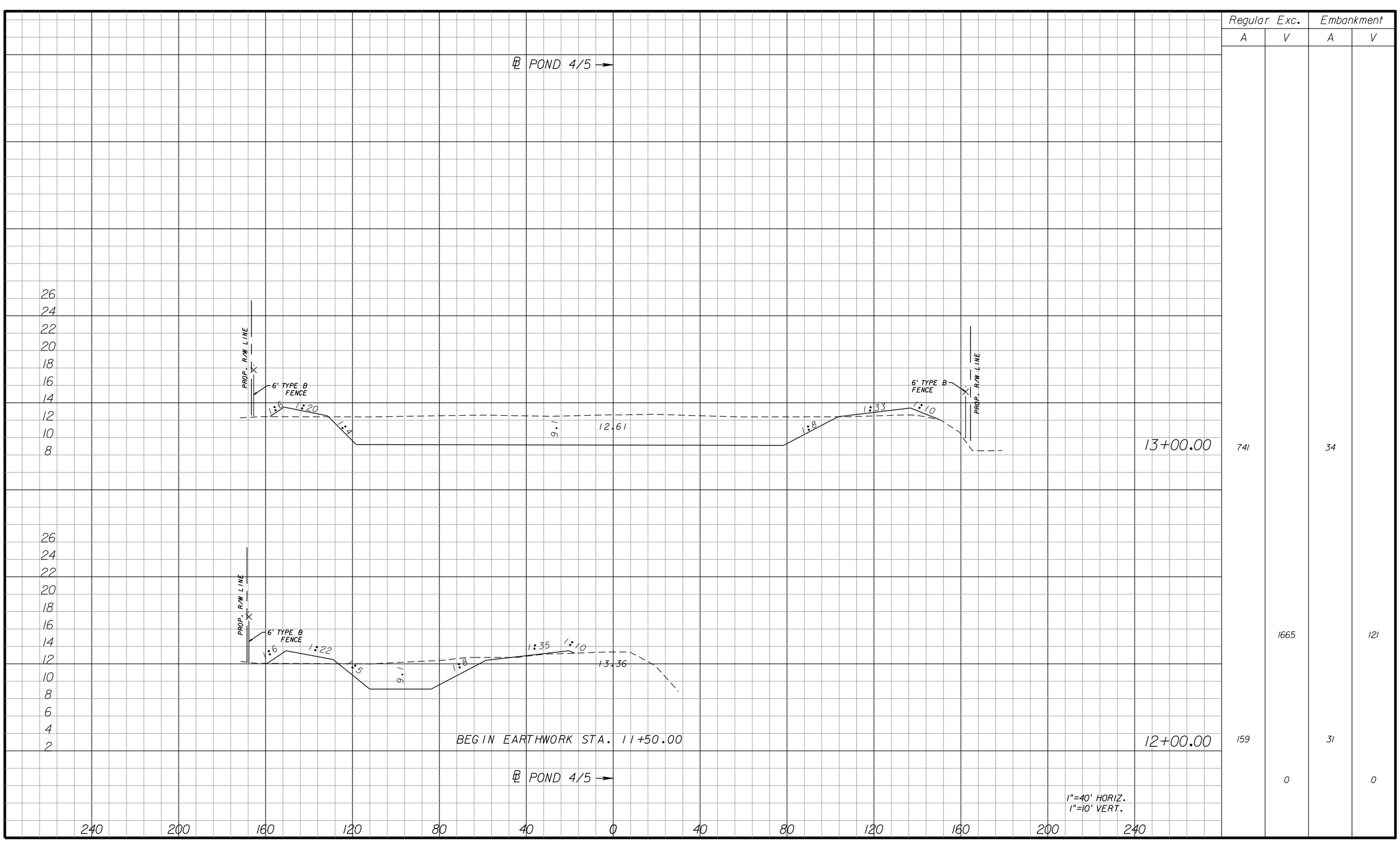

# CROSS SECTIONS

## POND 4

SHEET NO. 333

apeters

10/11/2010 4:44:58 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD04.dgn




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 13+00.00 | 741 | | 34 | |
| | 1665 | | 121 | |
| 12+00.00 | 159 | | 31 | |
| | 0 | | 0 | |

1"=40' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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FLORIDA CERTIFICATE NO. 60274

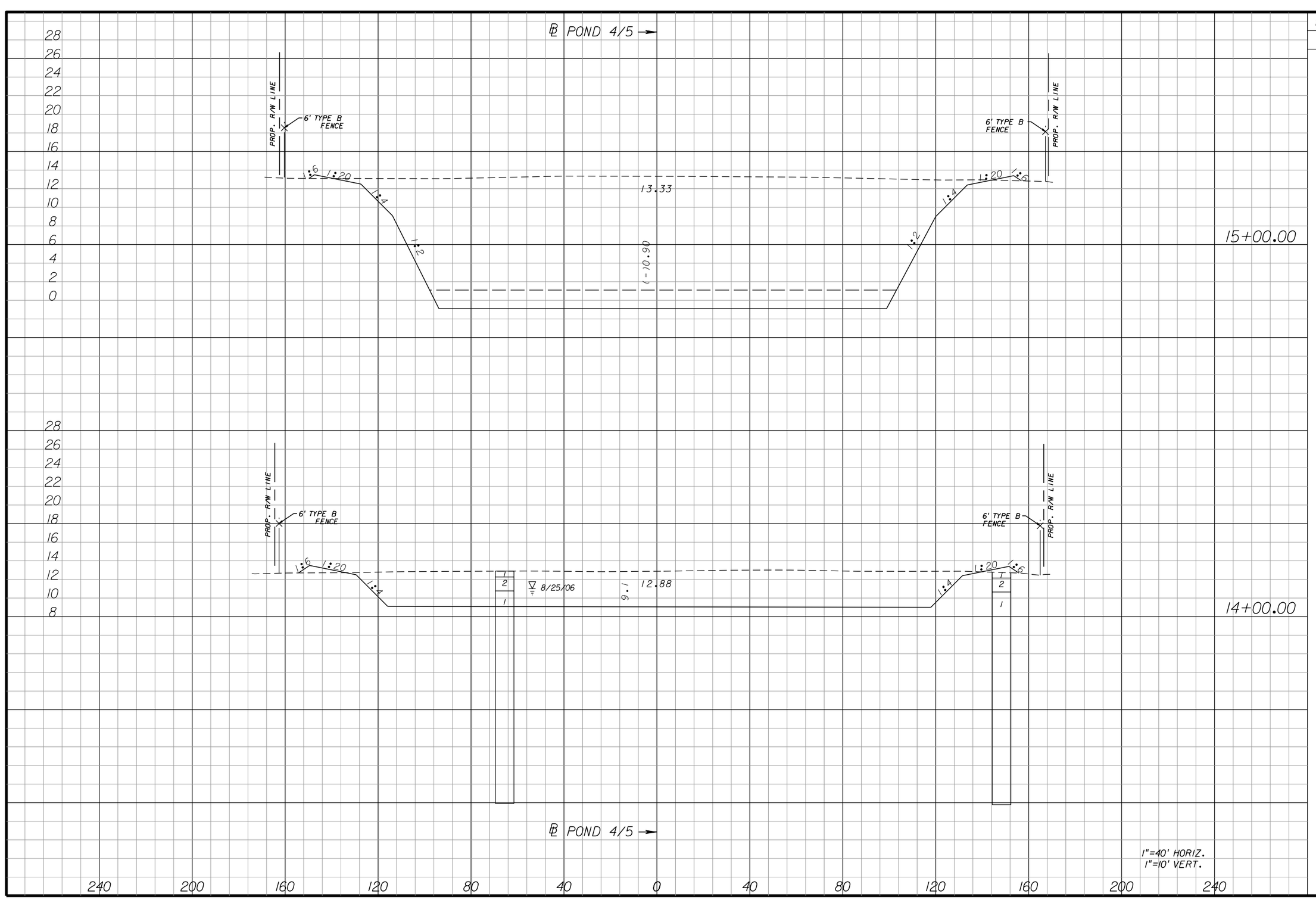
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# CROSS SECTIONS

## POND 5

SHEET NO. 334

apeters
10/11/2010 4:45:24 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD05.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 4573 | | 6 | |
| | 10243 | | 35 |
| 958 | | 14 | |
| | 3146 | | 89 |

15+00.00

14+00.00

1"=40' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FLORIDA CERTIFICATE NO. 60274

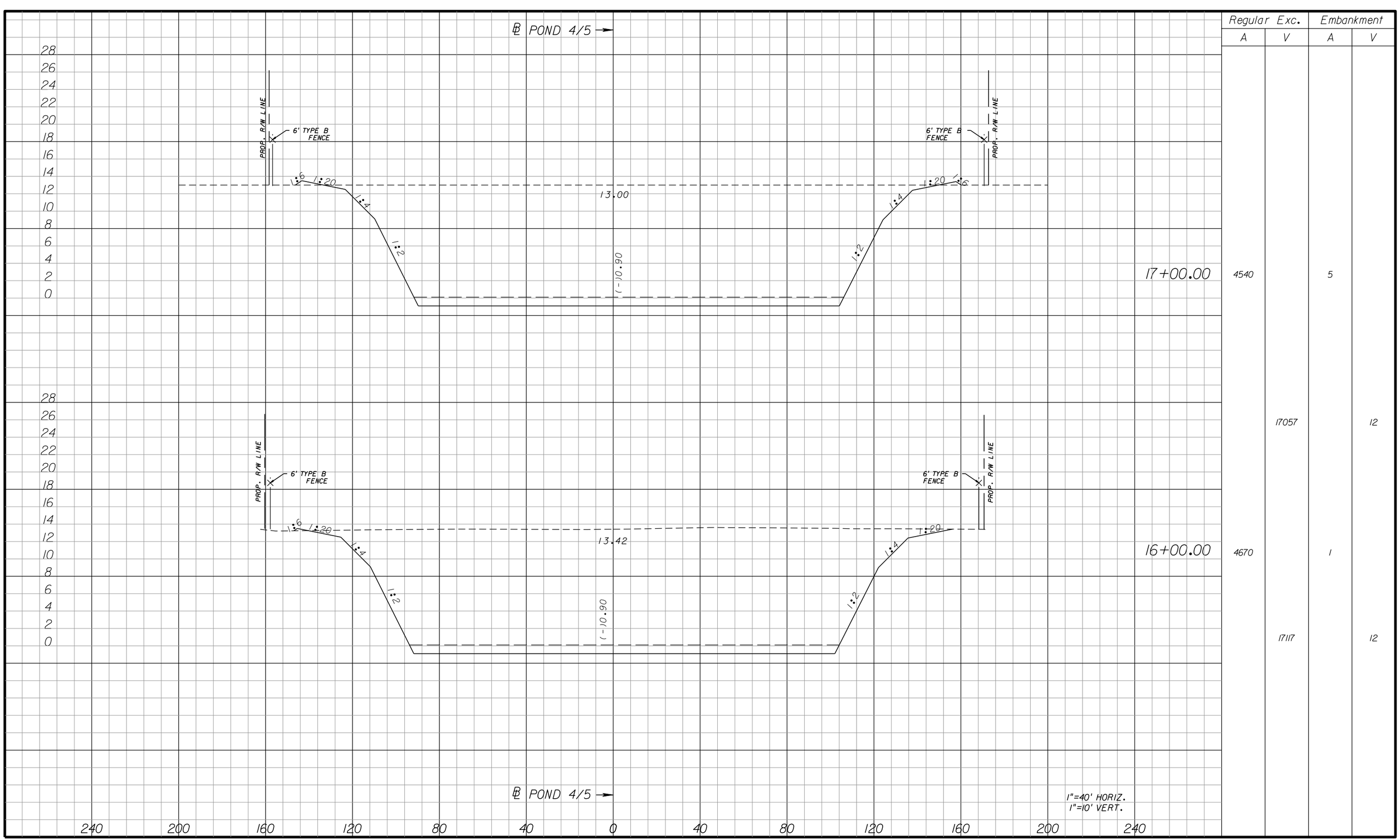

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# CROSS SECTIONS

## POND 5

SHEET NO.
335

apeters
10/11/2010 4:45:26 PM P:\LeeCounty_05-89740rt1z\PlanSet\roadway\PDXSRD05.dgn




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 17+00.00 | 4540 | | 5 | |
| | | 17057 | | 12 |
| 16+00.00 | 4670 | | 1 | |
| | | 17117 | | 12 |

1"=40' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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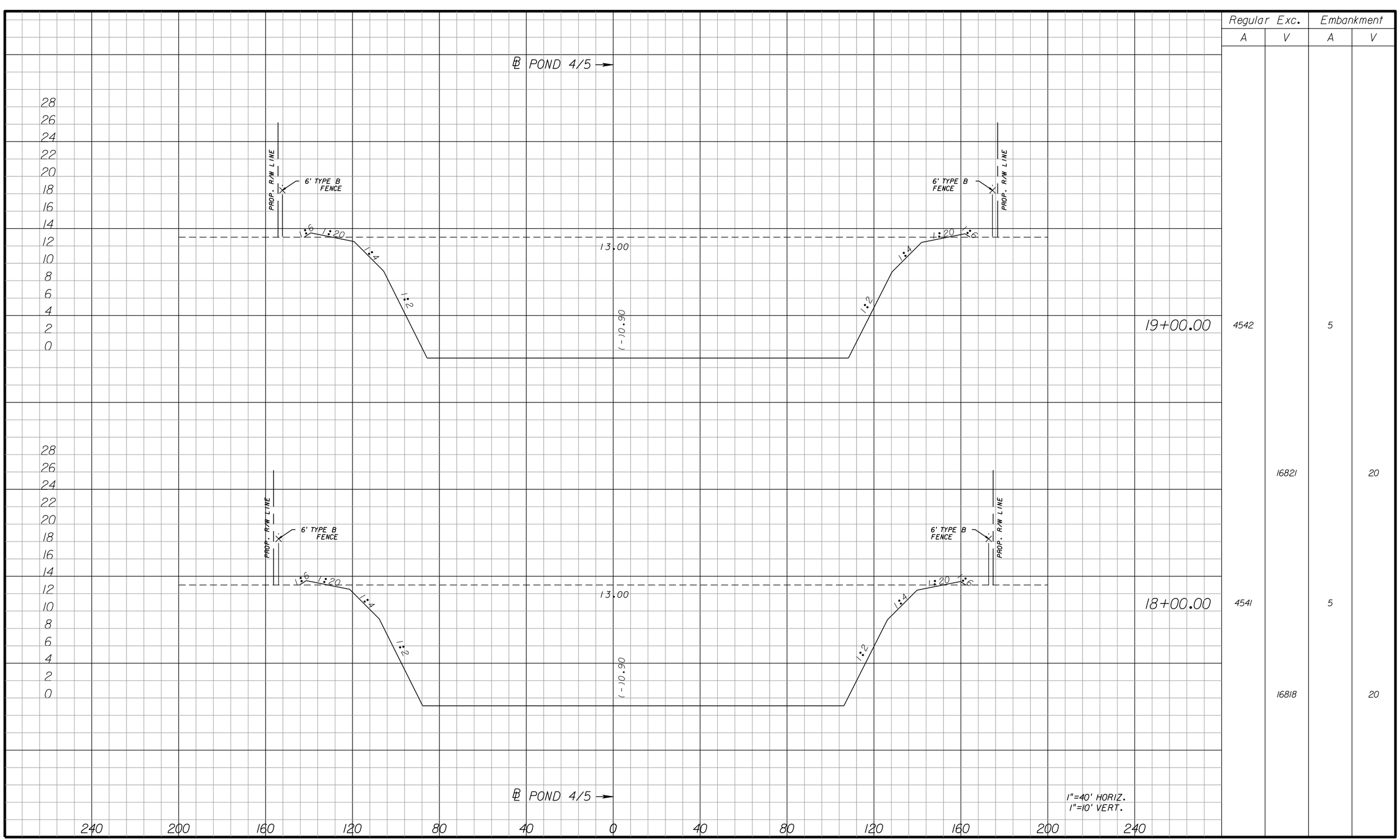

apeters

# CROSS SECTIONS

## POND 5

SHEET NO. 336

10/11/2010 4:45:28 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD05.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | | | |
| 4542 | | 5 | |
| | 16821 | | 20 |
| 4541 | | 5 | |
| | 16818 | | 20 |

19+00.00

18+00.00

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

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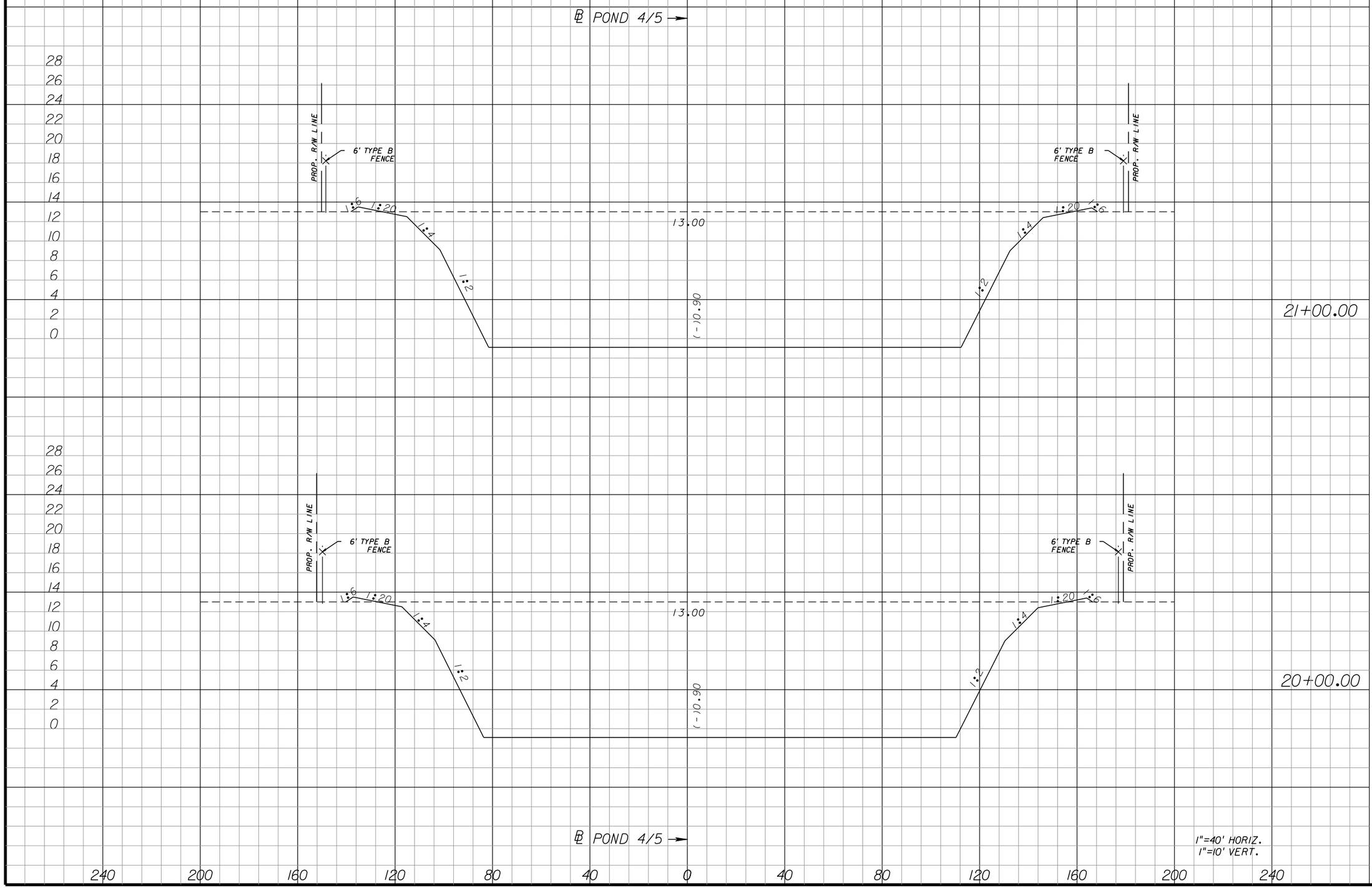
apeters

# CROSS SECTIONS

## POND 5

SHEET NO. 337

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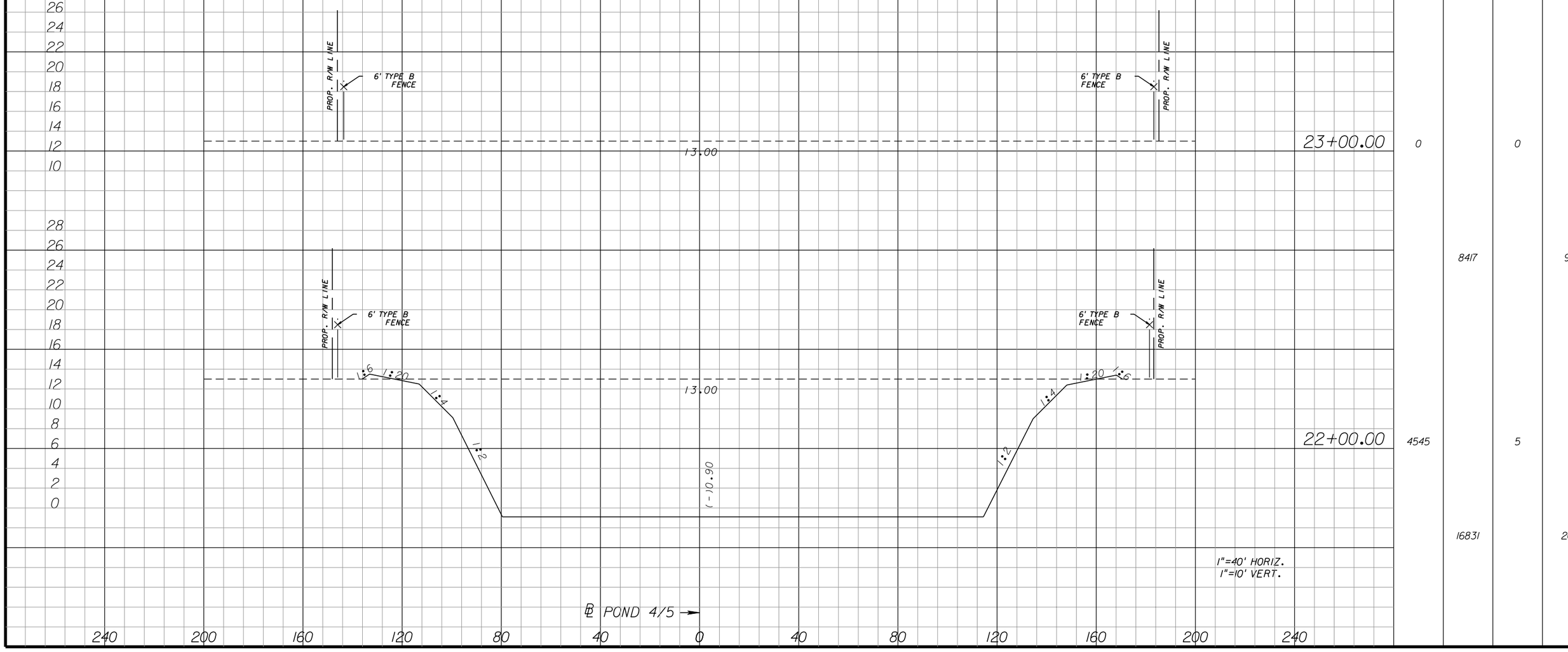

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | | | |
| | | | |
| | | |

℄ POND 4/5 →

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 141,767 CY
EMBANKMENT = 378 CY

END EARTHWORK STA. 23+00.00




℄ POND 4/5 →

1"=40' HORIZ.
1"=10' VERT.

| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 23+00.00 | 0 | | 0 | |
| | | 8417 | | 9 |
| 22+00.00 | 4545 | | 5 | |
| | | 16831 | | 20 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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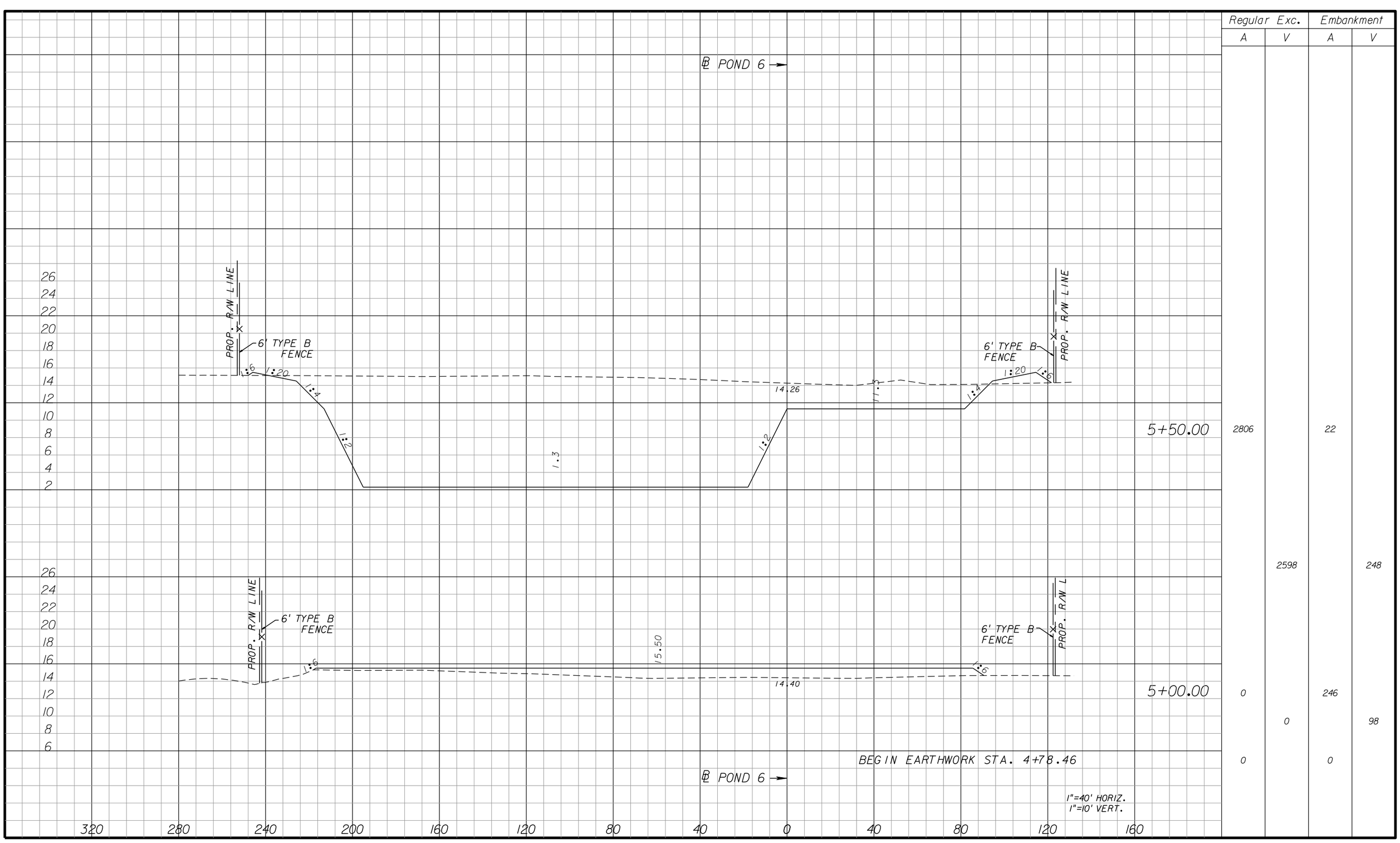

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# CROSS SECTIONS

## POND 5

SHEET NO. 339

apeters 10/11/2010 4:45:35 PM P:\LeeCounty_05-89740rt12\PlanSet\roadway\PDXSRD05.dgn




| | Regular Exc. | | Embankment | |
|---|---|---|---|---|
| | A | V | A | V |
| 5+50.00 | 2806 | | 22 | |
| | | 2598 | | 248 |
| 5+00.00 | 0 | | 246 | |
| | | 0 | | 98 |
| BEGIN EARTHWORK STA. 4+78.46 | 0 | | 0 | |

1"=40' HORIZ.
1"=10' VERT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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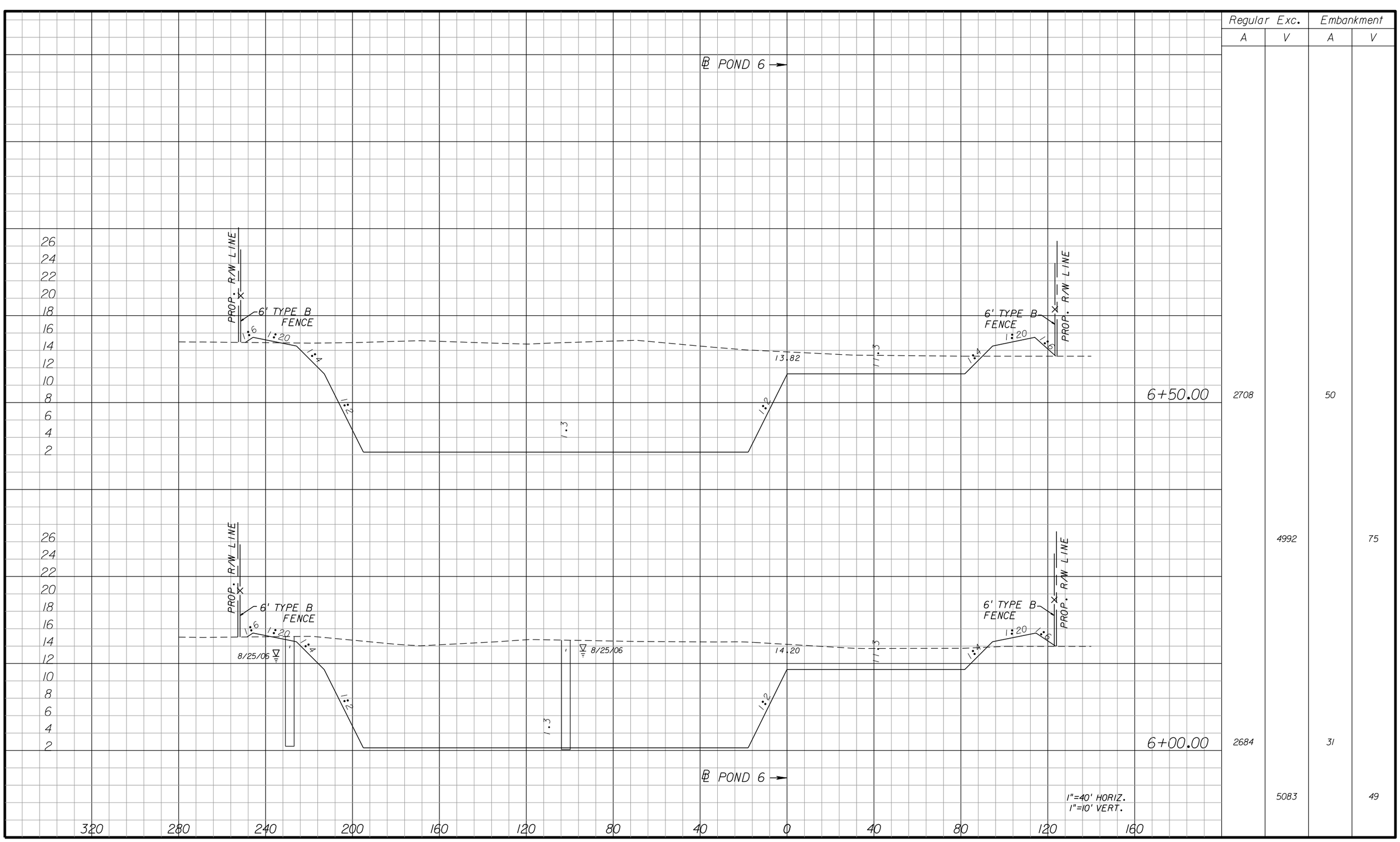

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# CROSS SECTIONS

## POND 6

SHEET NO. 340

apeters
10/11/2010 4:45:44 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD06.dgn




| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| | | | |
| 6+50.00 | 2708 | | 50 |
| | 4992 | | 75 |
| 6+00.00 | 2684 | | 31 |
| | 5083 | | 49 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## POND 6

SHEET NO. 341

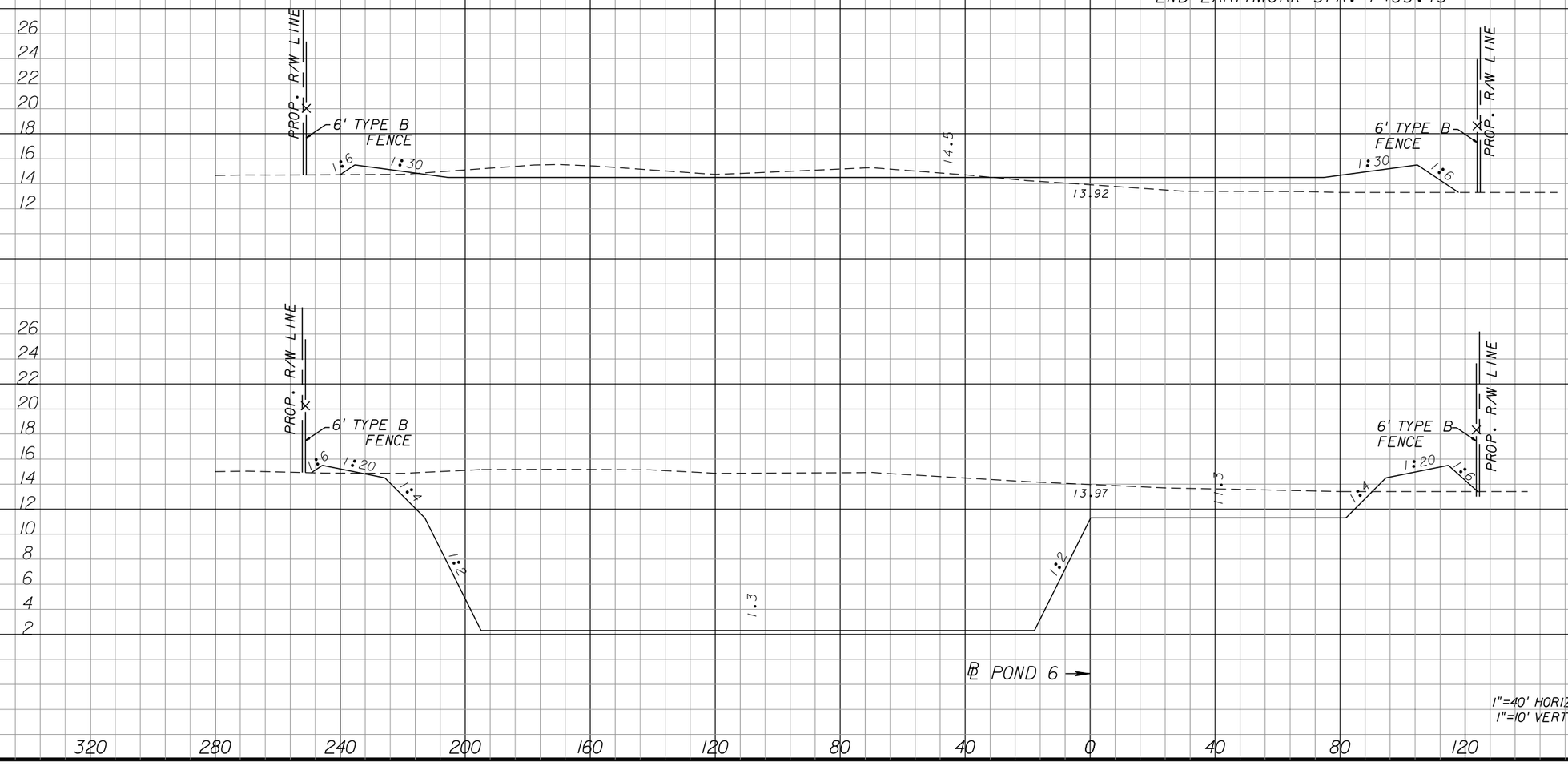
apeters 10/11/2010 4:45:46 PM P:\LeeCounty_05-89740r11z\PlanSet\roadway\PDXSRD06.dgn

℄ POND 6 →

SUMMARY OF EARTHWORK

REGULAR EXCAVATION = 20,408 CY
EMBANKMENT = 856 CY

END EARTHWORK STA. 7+83.43




℄ POND 6 →

1"=40' HORIZ.
1"=10' VERT.

| Regular Exc. | | Embankment | |
|---|---|---|---|
| A | V | A | V |
| 0 | | 0 | |
| | 66 | | 100 |
| 7+50.00 | | | |
| 106 | | 161 | |
| | 2630 | | 194 |
| 7+00.00 | | | |
| 2735 | | 49 | |
| | 5039 | | 92 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# CROSS SECTIONS

## POND 6

SHEET NO. 342

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

## SECTION 1.0

### 1.A. NATURE OF CONSTRUCTION ACTIVITY:

THIS PROJECT HAS BEEN DESIGNATED AS THE WIDENING AND IMPROVING OF ORTIZ AVENUE FROM DR. MARTIN LUTHER KING JR. BLVD. (SR 82) TO PALM BEACH BLVD. (SR 80). ACTIVITIES INCLUDE WIDENING TO A FOUR-LANE SECTION WITH FOUR-FOOT BIKE LANES AND FIVE-FOOT SIDEWALKS WITH THE POTENTIAL UPGRADE TO A SIX-LANE SECTION IN THE FUTURE, INSTALLING CURB AND GUTTER TO UPGRADE FROM AN OPEN DRAINAGE SYSTEM TO A CLOSED DRAINAGE SYSTEM WITH PONDS, AND WIDENING THE BRIDGE CULVERT OVER BILLY'S CREEK. THE IMPROVEMENTS ALSO INCLUDE THE WIDENING OF LUCKETT ROAD FROM WEST OF ORTIZ AVE.TO ENTERPRISE PKWY., A LENGTH OF APPROXIMATELY 0.6 MILES. THIS INCLUDES WIDENING FROM TWO LANES TO FOUR LANES.
THE PROJECT IS APPROXIMATELY 2.6 MILES IN LENGTH AND IS LOCATED IN SECTIONS 4, 9, 16, AND 21 WITHIN TOWNSHIP 44S AND RANGE 25E OF LEE COUNTY.

### 1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR CAN PROPOSE AN ALTERNATIVE PLAN THAT IS EQUAL TO OR BETTER AT CONTROLLING EROSION AND SEDIMENT AND IS APPROVED BY THE ENGINEER. THE DETAILED SEQUENCE OF CONSTRUCTION ACTIVITIES FOR THE ENTIRE PROJECT CAN VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR. AS REFERENCED IN SPECIFICATION 104, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DETAILED SEQUENCE OF CONSTRUCTION ACTIVITIES FOR ALL CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT AND SHALL INCLUDE IT IN THE CONTRACTOR'S EROSION CONTROL PLAN.

STEPS:

1. PLACEMENT OF ALL EROSION CONTROL DEVICES.
2. CLEARING AND GRUBBING, EARTHWORK AND EXCAVATION OF PONDS. STORM SEWER CONSTRUCTION; ALL STORM SEWER SHALL BE CONSTRUCTED IN THE UPSTREAM DIRECTION.
3. EARTHWORK ASSOCIATED WITH ROADWAY, CURB, SUBGRADE, BASE, AND PAVEMENT.
4. FINAL SEED AND MULCH AND/OR SODDING OF THE UNPAVED CONTROL DEVICES FROM THE CONTRACTOR.

### 1.C. AREA ESTIMATES:

- TOTAL SITE AREA = 83.48 AC
- TOTAL DISTURBED AREA = 75.60 AC

### 1.D. RUNOFF COEFFICIENTS FOR:

- GRASS AND OTHER PERVIOUS AREAS: C = 0.35
- IMPERVIOUS AREAS (ROADS, S/WS, BLDGS, ETC): C = 0.95
- DISTURBED AREAS (DURING CONSTRUCTION): C = 0.40

CALCULATED WEIGHTED RUNOFF COEFFICIENT:

RUNOFF COEFFICIENT BEFORE CONSTRUCTION CW(B):

- IMPERVIOUS AREA = 21.45 AC
- PERVIOUS AREA = 62.03 AC

CW(B) = (62.03 AC (.35) + 21.45 AC (.95)) / 83.48 AC = 0.50

RUNOFF COEFFICIENTS DURING CONSTRUCTION CW(D):
CW(D) = (21.45 AC (.95) + 42.79 AC (.35)
+ 19.24 AC (.4)) / 83.48 = 0.52

RUNOFF COEFFICIENTS AFTER CONSTRUCTION CW(A):

- IMPERVIOUS AREA = 42.79 AC
- PERVIOUS AREA = 40.69 AC

CW(A) = (42.79 AC (.95) + 40.69 AC (.35) / 83.48 = 0.66

1.D.1. TO SUMMARIZE, PER NOTE 1.D ABOVE:

THE RUNOFF COEFFICIENT BEFORE CONSTRUCTION (0.50) IS LESS THAN THE RUNOFF COEFFICIENT AFTER CONSTRUCTION (0.66).

### 1.E. SOILS DATA:

BASED ON THE USDA NRCS LEE COUNTY SCS SOIL SURVEY, THE PROJECT SOILS CONSIST OF IMMOKALEE-URBAN LAND COMPLEX, HALLANDALE FINE SAND, BOCA FINE SAND (DEPRESSIONAL), AND MYAKKA FINE SAND.

### OUTFALL LOCATIONS:

BASIN 1 - POND 1 OUTFALL LAT 26°38'21" N LONG 81°48'38"W
BASIN 2 - POND 2 OUTFALL LAT 26°38'42"N LONG 81°48'28"W
BASIN 3 - HEADWALL/BALLARD RD LAT 26°39'06"N LONG 81°48'37"W
BASIN 4/5 - POND 4/5 OUTFALL LAT 26°39'54""N LONG 81°48'42"W
BASIN 6 - MES/TICE ST. LAT 26°40'14"N LONG 81°48'49"W
BASIN 7 - 2-24"CD/LUCKETT AVE. LAT 26°39'23"N LONG 81°48'20"W
2-30"CD/LUCKETT AVE. LAT 26°39'23"N LONG 81°48'14"W

### 1.F. SITE MAP:

THE TYPICAL SECTION SHEET AND LOCATION MAP ON THE KEY SHEET DESCRIBE AND LOCATE THE SITE.

### AREAS OF SOIL DISTURBANCE:

SOIL DISTURBANCE WILL EXIST WHERE THERE IS CONSTRUCTION OF THE PROPOSED ROADWAY.

### AREAS NOT TO BE DISTURBED:

SEE AREAS SHOWN ON ROADWAY SHEETS.

### LOCATIONS OF CONTROLS:

TEMPORARY AND PERMANENT STABILIZATION PRACTICES ARE DESCRIBED IN THE CONSTRUCTION PLANS.

### SURFACE WATERS:

THE SURFACE WATERS ARE DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

### DISCHARGE POINTS TO SURFACE WATERS:

THERE ARE SEVERAL DIRECT DISCHARGES TO DESIGNATED SURFACE WATERS AS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

### 1.G. WETLAND IMPACTS:

WETLANDS IMPACTS ARE LIMITED TO THOSE AREAS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

## SECTION 2.0

CONTROLS NARRATIVE-SEQUENCE OF ACTIVITIES AND IMPLEMENTATION OF EROSION CONTROL MEASURES:

ALL ITEMS REPRESENTED IN THE FOLLOWING DISCUSSION ARE TREATED IN DETAIL IN THE CONSTRUCTION PLAN SET, SUPPLEMENTED BY THE "FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (2007) AND THE "FDOT ROADWAY DESIGN STANDARDS" (2006).

THE CONTRACTOR WILL BE REQUIRED TO PREPARE A SITE SPECIFIC EROSION CONTROL PLAN ALONG WITH A SPECIFIC CONSTRUCTION SCHEDULE FOR IMPLEMENTATION. THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OF MATERIALS TO ADAPT TO SEASONAL VARIATIONS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF ADDITIONAL CONTROLS ARE REQUIRED AND FOR ASSISTING IN AND OBTAINING DEPLOYMENT SCHEDULES FOR IMPLEMENTATION OF APPLICABLE EROSION CONTROL DEVICES. IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE FDOT STANDARD INDEXES 100 THROUGH 105.

THE CONTRACTOR IS ADVISED THAT THE CONTRACT DRAWINGS ONLY INDICATE EROSION, SEDIMENT, AND TURBIDITY CONTROLS AT LOCATIONS DETERMINED IN THE DESIGN PROCESS. HOWEVER, THE CONTRACTOR IS REQUIRED TO UPDATE THE SWPPP TO REFLECT ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE POSSIBILITY OF SILTING ANY ADJACENT LOWLAND PARCEL, RECEIVING WATER BODY, OR OTHERWISE VIOLATING STATE AND FEDERAL PERMIT REQUIREMENTS.

## SECTION 2.0 CONTROLS

### 2.A. EROSION AND SEDIMENT CONTROLS:

THE FOLLOWING DISCUSSION DEFINES GENERAL GUIDELINES FOR THE SEQUENCES OF CONSTRUCTION AND THE USE OF STABILIZATION AND STRUCTURAL PRACTICES. AS REFERENCED IN SPECIFICATION 104, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TRAFFIC CONTROL PLAN AND INCLUDE IT IN HIS EROSION CONTROL PLAN. ALL ITEMS REPRESENTED IN THE FOLLOWING DISCUSSION ARE TREATED IN DETAIL IN THE "FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE CONTRACTOR WILL GENERATE AN IMPLEMENTATION SCHEDULE FOR EACH PHASE OF CONSTRUCTION OPERATIONS OR ACTIVITIES. ALL PHASES OF CONSTRUCTION: INSTALL EROSION CONTROL MEASURES AS SHOWN IN THE EROSION CONTROL PLAN.

CONTROL DUST GENERATION BY APPROPRIATE EROSION CONTROL MEASURES AS APPROVED BY THE ENGINEER.

### 2.A.1 STABILIZATION PRACTICES - PERMANENT:

ASPHALT AND SOD SURFACES IN ACCORDANCE WITH SPECIFICATION SECTION 575. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE AFTER MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREAS SHALL BE COMPLETED IMMEDIATELY AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATION, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY PROTECTION SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

### 2.A.2 STRUCTURAL PRACTICES - TEMPORARY:

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE, ALL NECESSARY EROSION CONTROL ITEMS AS INDICATED WITHIN THE CONTRACT DOCUMENTS, CONTRACTOR'S EROSION CONTROL PLAN, OR AS REQUIRED PER APPLICABLE STANDARDS OR THE PROJECT ENGINEER. UTILIZE INLET PROTECTION SYSTEMS AND SEDIMENT BASIN/CONTAMINATION SYSTEMS IN ACCORDANCE WITH INDEX 102 AND SPECIFICATION 104. ALL SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO INITIATING SOIL DISTURBING ACTIVITIES THAT WILL OCCUR UPSTREAM OF THE PROPOSED CONTROL. AS REFERENCED IN SPECIFICATION 104, THE CONTRACTOR'S EROSION CONTROL PLAN SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS GENERATED FROM EXPOSED AREAS OF THE SITE.

### 2.B. STORMWATER MANAGEMENT:

STORMWATER POLLUTION CONTROL UPON CONSTRUCTION COMPLETION WILL BE ACCOMPLISHED THROUGH THE USE OF STORM SEWER CONVEYANCE AND CONTROLLED DISCHARGE FROM THE ROADSIDE DITCHES/SWALES TO EACH OUTFALL. THE CONTRACTOR SHALL PREVENT UNAUTHORIZED MATERIAL FROM ENTERING SURFACE WATERS AND WETLAND AREAS ADJACENT TO THE PROJECT.

## SECTION 3.0 OTHER CONTROLS

### 3.A.1 WASTE DISPOSAL:

THE CONTRACTOR'S EROSION CONTROL PLAN SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES.

### 3.A.2 OFFSITE VEHICLE TRACKING AND DUST CONTROL:

CONTROL METHODS:

1. USE OF STABILIZED ENTRANCE OR SOIL TRACKING PREVENTION DEVICES AS REQUIRED IN ACCORDANCE WITH STANDARD INDEX 106. SEE NOTE 3.A.2.B BELOW.

2. LOADED HAUL TRUCKS TO BE COVERED BY TARPAULIN.

THE CONTRACTOR'S EROSION CONTROL PLAN SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AS WELL AS THE GENERATION OF DUST.

### 3.A.2.A OTHER - EXCESS DIRT AND DUST:

EXCESS DIRT ON ROADWAYS SHALL BE REMOVED DAILY. THE CONTRACTOR SHALL UTILIZE ROADWAY SWEEPERS IN CONJUNCTION WITH DUST GENERATING ACTIVITIES (SUCH AS EXCAVATION OPERATIONS) AS A MEANS TO PROVIDE POLLUTION CONTROL.

THE CONTRACTOR'S EROSION CONTROL PLAN SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST.

### 3.A.2.B CONSTRUCTION ENTRANCES:

THE CONTRACTOR, AT HIS EXPENSE, SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF THE PROJECT CONSTRUCTION ENTRANCE OR ENTRANCES THAT PROVIDE ACCESS TO PUBLIC ROADWAYS FROM ONSITE AND OFFSITE STOCKPILE LOCATIONS. THE CONTRACTOR'S PROPOSED CONSTRUCTION ENTRANCE(S) SHALL PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WATERWAYS. THE PROJECT ENGINEER SHALL REVIEW AND APPROVE THE PROPOSED CONSTRUCTION ENTRANCE.

THE CONTRACTOR SHALL CONTACT THE COUNTY PERMITS COORDINATOR IF ANY NON-PERMITTED IMPACT OCCURS TO WETLANDS DURING CONSTRUCTION.

### 3.A.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEM REGULATIONS:

ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE REGULATIONS. AS REFERENCED IN SPECIFICATION 104, THE CONTRACTOR'S EROSION CONTROL PLAN SHALL DESCRIBE THE PROPOSED METHODS TO COMPLY WITH LOCAL AND STATE REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

### 3.A.4 FERTILIZERS AND PESTICIDES:

THE CONTRACTOR'S EROSION CONTROL PLAN SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF EITHER SECTION 981 OR 982 OF THE STANDARD SPECIFICATIONS.

### 3.B NON-STORMWATER DISCHARGES:

THE CONTRACTOR'S EROSION CONTROL PLAN SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE-FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. WHEN THE CONTRACTOR ENCOUNTERS A SPILL, CONSTRUCTION WILL STOP AND WORK WILL NOT RESUME UNTIL DIRECTED BY THE PROJECT ENGINEER. DISPOSITION OF HAZARDOUS WASTE WILL BE MADE IN ACCORDANCE WITH THE REQUIREMENTS AND REGULATIONS OF LOCAL, STATE, AND/ OR FEDERAL AGENCIES HAVING JURISDICTION.

IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE COUNTY PROJECT MANAGER.

## SECTION 4.0 MAINTENANCE

| SAMPLE ITEM | MAINTENANCE | PROPOSED REPLACEMENT INTERVAL |
|---|---|---|
| SILT FENCE | SPEC 104 | EVERY 12 MONTHS |
| SYNTHETIC BALES | SPEC 104 | EVERY 3 MONTHS |
| ROCK BAGS | SPEC 104 | AS NEEDED |

EROSION DEPOSITS THAT REACH ½ THE HEIGHT OF THE SYNTHETIC BALES SHALL BE REMOVED BY THE CONTRACTOR. EROSION DEPOSITS THAT REACH 1/3 THE HEIGHT OF THE SILT FENCE SHALL BE REMOVED BY THE CONTRACTOR.

THE CONTRACTOR'S EROSION CONTROL PLAN SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION.

THE PROPOSED REPLACEMENT INTERVAL FOR EROSION CONTROL DEVICES IS ONLY AN ESTIMATE. IF, AFTER THE PROPOSED REPLACEMENT INTERVAL EXPIRES, THE EROSION CONTROL DEVICES ARE STILL FUNCTIONING PROPERLY (I.E. DURING THE DRY SEASON) THE EROSION CONTROL DEVICES SHOULD REMAIN IN PLACE UNTIL THEY NO LONGER FUNCTION AS ORIGINALLY DESIGNED.

## SECTION 5.0 INSPECTIONS

CONTRACTOR'S QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50" OR GREATER. THE CONTRACTOR WILL REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION. THE CONTRACTOR WILL SIGN EACH INSPECTION REPORT AND SUBMIT IT WEEKLY TO THE ENGINEER. WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALLAND MAINTAIN THE RAIN GAUGE AT THE PROJECT SITE AND RECORD DAILY RAINFALL.

AREAS TO BE INSPECTED FOLLOWING FINAL STABILIZATION OF THE PROJECT SITE SHALL INCLUDE:

- STRUCTURAL CONTROLS.
- STORMWATER MANAGEMENT SYSTEMS.
- LOCATIONS WHERE VEHICLES ENTER & EXIT SITE.
- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED.

## SECTION 6.0 DEWATERING

THE CONTRACTOR IS REQUIRED TO OBTAIN ALL DEWATERING PERMITS AS REQUIRED BY STATE AGENCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES THAT REQUIRE DEWATERING. SEE SFWMD RULES AND REGULATIONS FOR SPECIFIC REQUIREMENTS FOR DEWATERING.

ALL SCHEDULING CONFLICTS AND COSTS INCURRED BY THE CONTRACTOR TO COMPLY WITH THE DEWATERING PERMITTING PRICES WILL BE INCIDENTAL COSTS ASSOCIATED WITH THE PAY ITEMS FOR INSTALLATION OF THE FEATURE WHICH REQUIRES THE DISCHARGE OF GROUND WATER.

COPIES OF THE OBTAINED STATE PERMITS FOR DEWATERING SHALL BE SUBMITTED TO THE PROJECT ENGINEER PRIOR TO ANY DEWATERING (PUMPING) ACTIVITIES. NOTE THAT THE INITIAL TEST IS TO BE CONDUCTED PRIOR TO ACTUAL OFFSITE DEWATERING RESULTING FROM CONSTRUCTION ACTIVITIES.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |

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TAMPA, FLORIDA 33610
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CERTIFICATE OF AUTHORIZATION NO. 3114

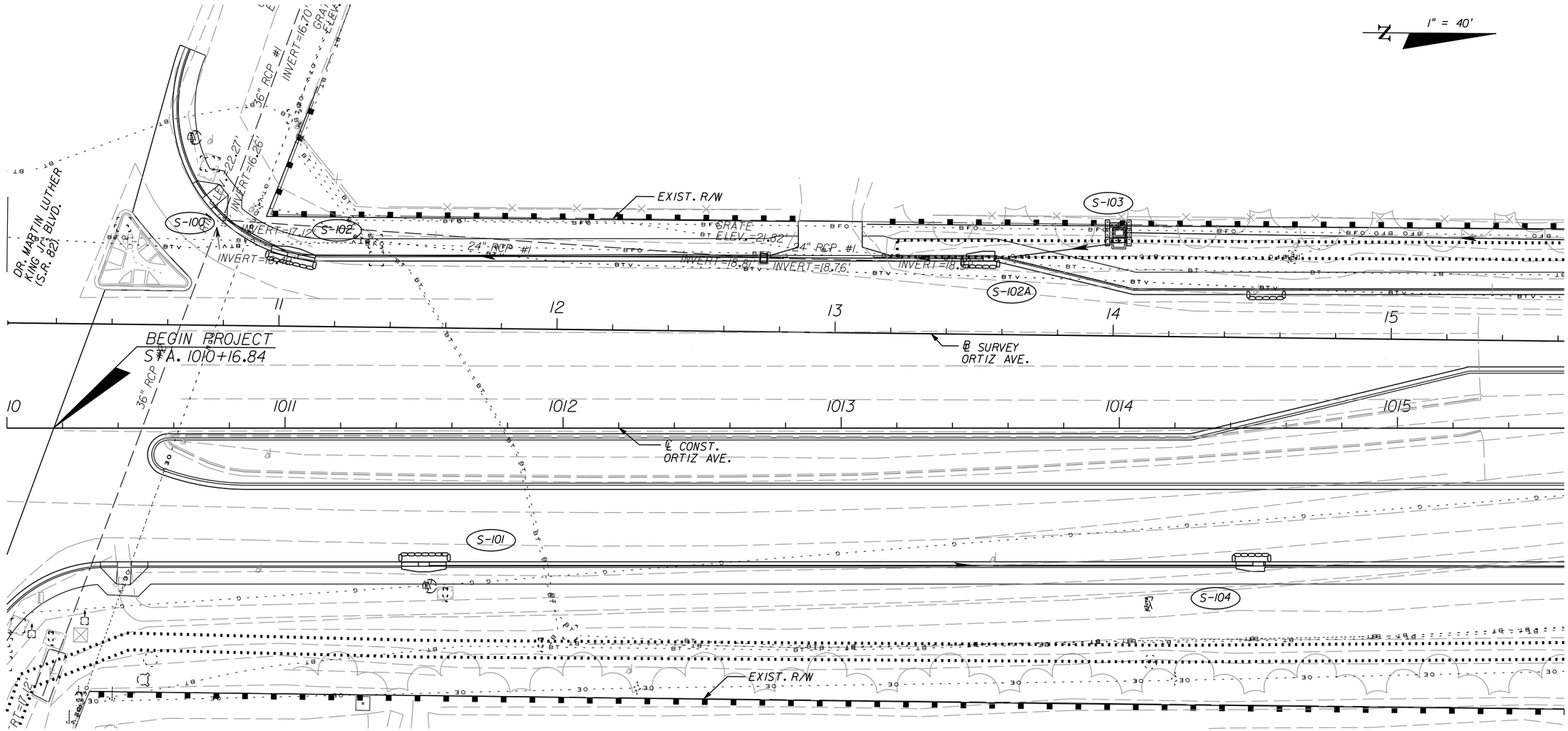
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# STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 343

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FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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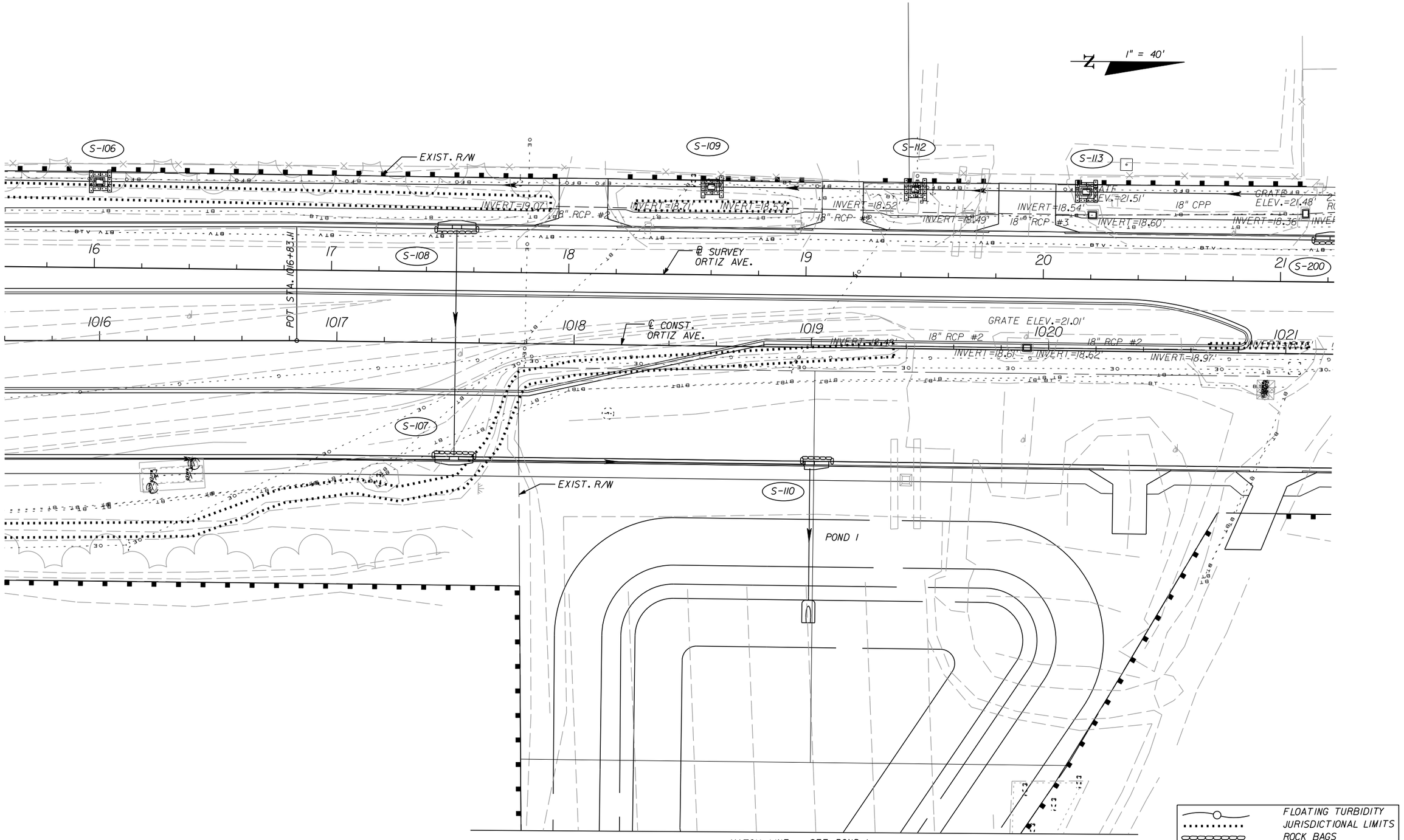

apeters

# EROSION CONTROL SHEET (1)
# ORTIZ AVENUE (CR 865)

## STA. 1010+23.00 TO STA. 1015+60.00

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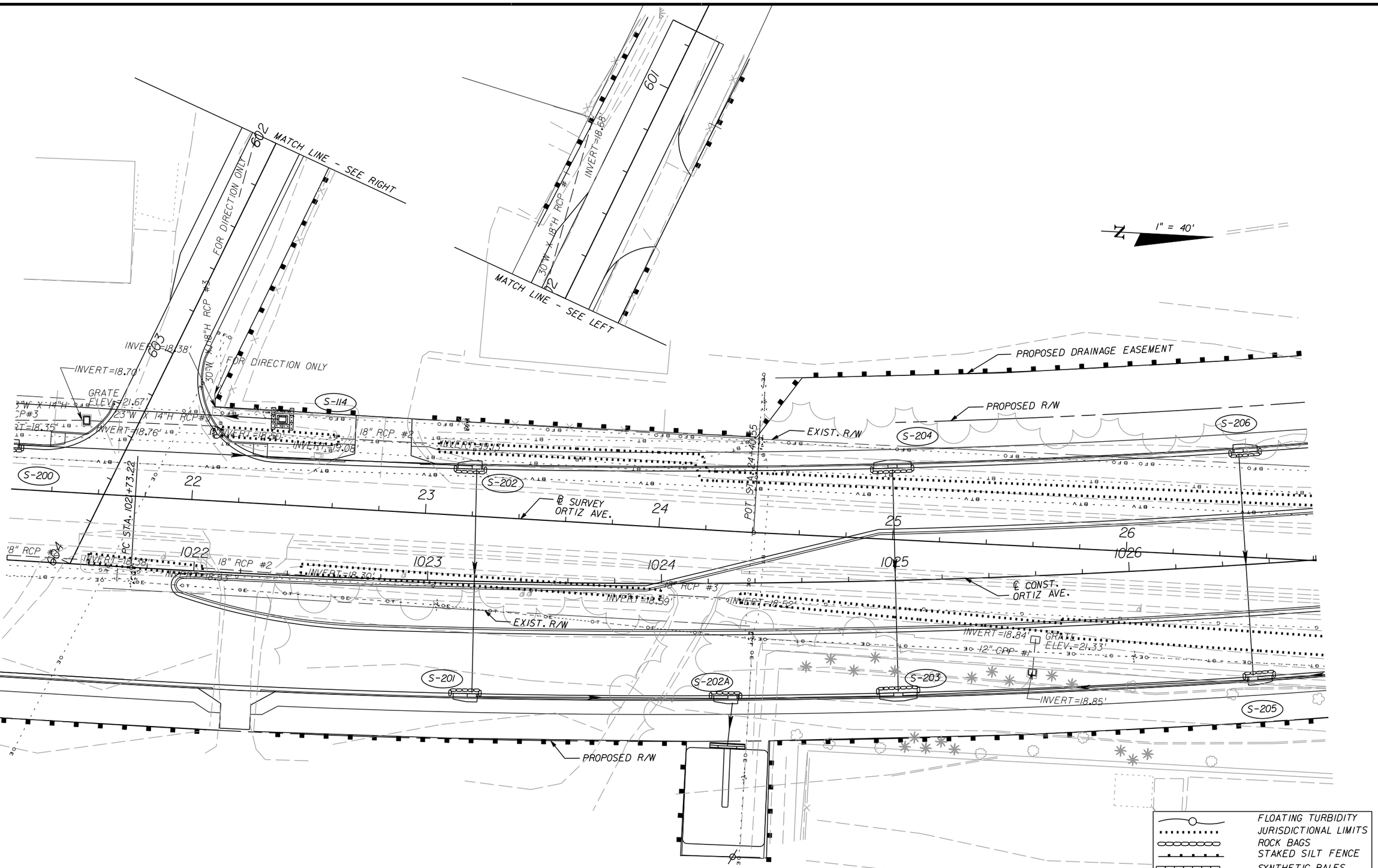

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# EROSION CONTROL SHEET (2)
# ORTIZ AVENUE (CR 865)
## STA. 1015+60.00 TO STA. 1021+20.00

SHEET NO. 345

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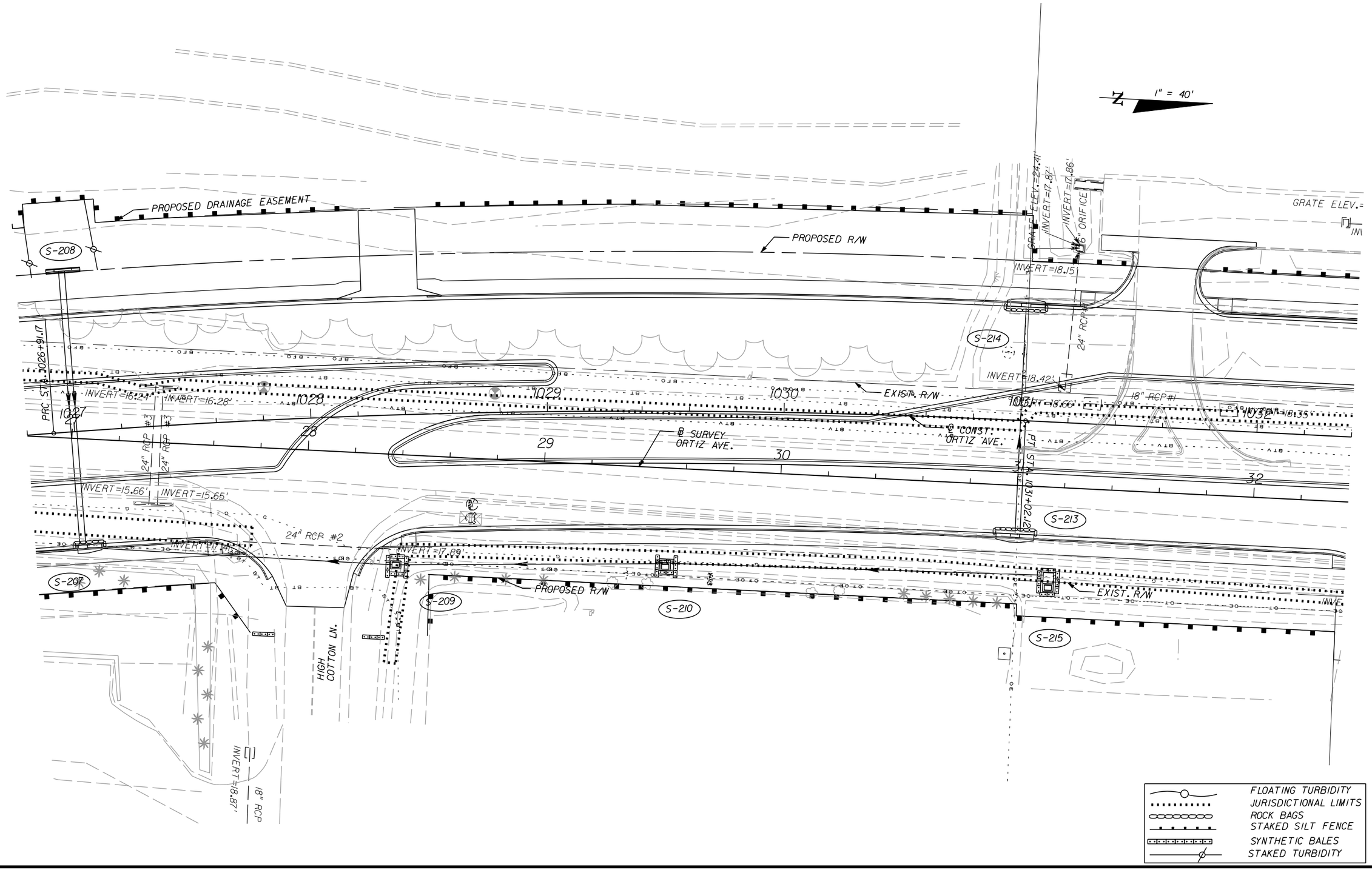

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# EROSION CONTROL SHEET (3)
# ORTIZ AVENUE (CR 865)

## STA. 1021+20.00 TO STA. 1026+80.00

SHEET NO. 346


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# EROSION CONTROL SHEET (4)
# ORTIZ AVENUE (CR 865)

## STA. 1026+80.00 TO STA. 1032+40.00

SHEET NO. 347

MATCH LINE - SEE LAREDO AVE. EROSION CONTROL PLANS

1" = 40'

GRATE ELEV.=23.87'
INVERT=19.69'
24" RCP #1
GRATE ELEV.=23.53'
INVERT=19.39'
24" RCP #1
INVERT=16.59'
INVERT=16.43'
GRATE ELEV.=23.46'
GRATE ELEV.=23.92'
INVERT=19.78'
8"Ø
INVERT=19.85'
24" CPP #1
GRATE ELEV.=23.94'
GRATE ELEV.=18.84'
BOTTOM OF BOX ELEV.=12.13'

A LAREDOW-2
19+56.37" (RT)
9° 03' 57"
3° 45' 00"
12.13
241.75
1,527.89
196+35.24
198+76.99

LAREDO AVE.
PT +76.99
+00.00
N 88° 44' 25" E 199.78'

PROPOSED R/W
S-217
S-221

STA. 200+00.00
℄ LAREDO AVE. =
STA. 1037+95.19
℄ CONST. ORTIZ AVE.

STA. 1037+62.98
POT

18" RCP

℄ CONST. ORTIZ AVE.

STA. 200+00.00
℄ LAREDO AVE. =
STA. 1038+03.30
℄ CONST. ORTIZ AVE.
POT

STA. 200+27.50
℄ LAREDO AVE. =
STA. 38+03.12
℄ SURVEY ORTIZ AVE.

℄ SURVEY ORTIZ AVE.

S-216
S-220

EXIST. R/W

24" RCP #2
INVERT=17.69'
INVERT=19.41'
S-215A

INVERT=19.12'
GRATE ELEV.=20.61'
INVERT=19.10'
S-218

30"W- X 19"H- RCP #2
INVERT=17.94'
INVERT=18.26'
S-219

PROPOSED R/W

30"W- X 19"H
INVERT=18.30'

66.96+

34.00

N 89° 07' 00" E

MATCH LINE - SEE LAREDO AVE. EROSION CONTROL PLANS

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

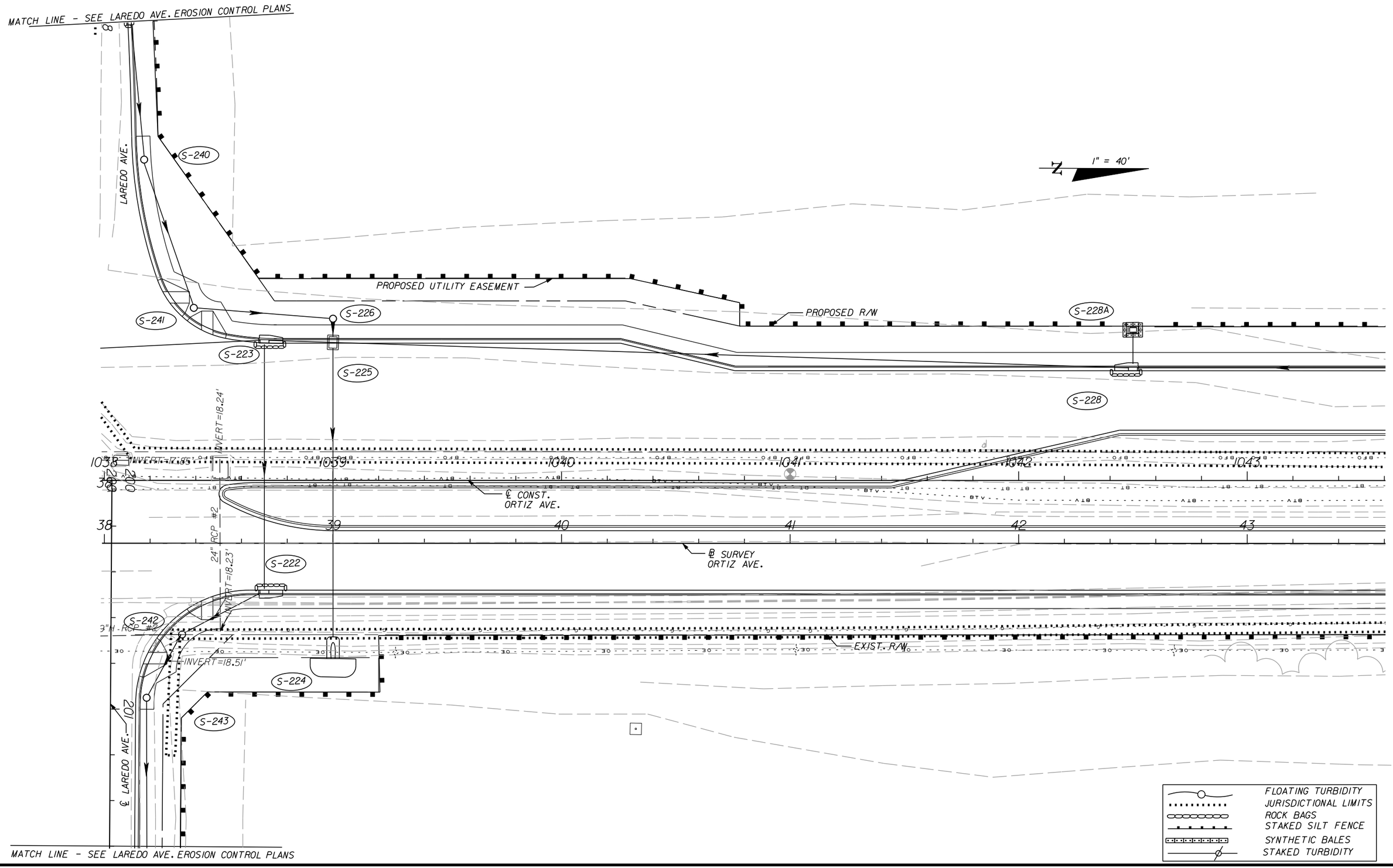

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# EROSION CONTROL SHEET (5)
# ORTIZ AVENUE (CR 865)

## STA. 1032+40.00 TO STA. 1038+00.00

SHEET NO. 348

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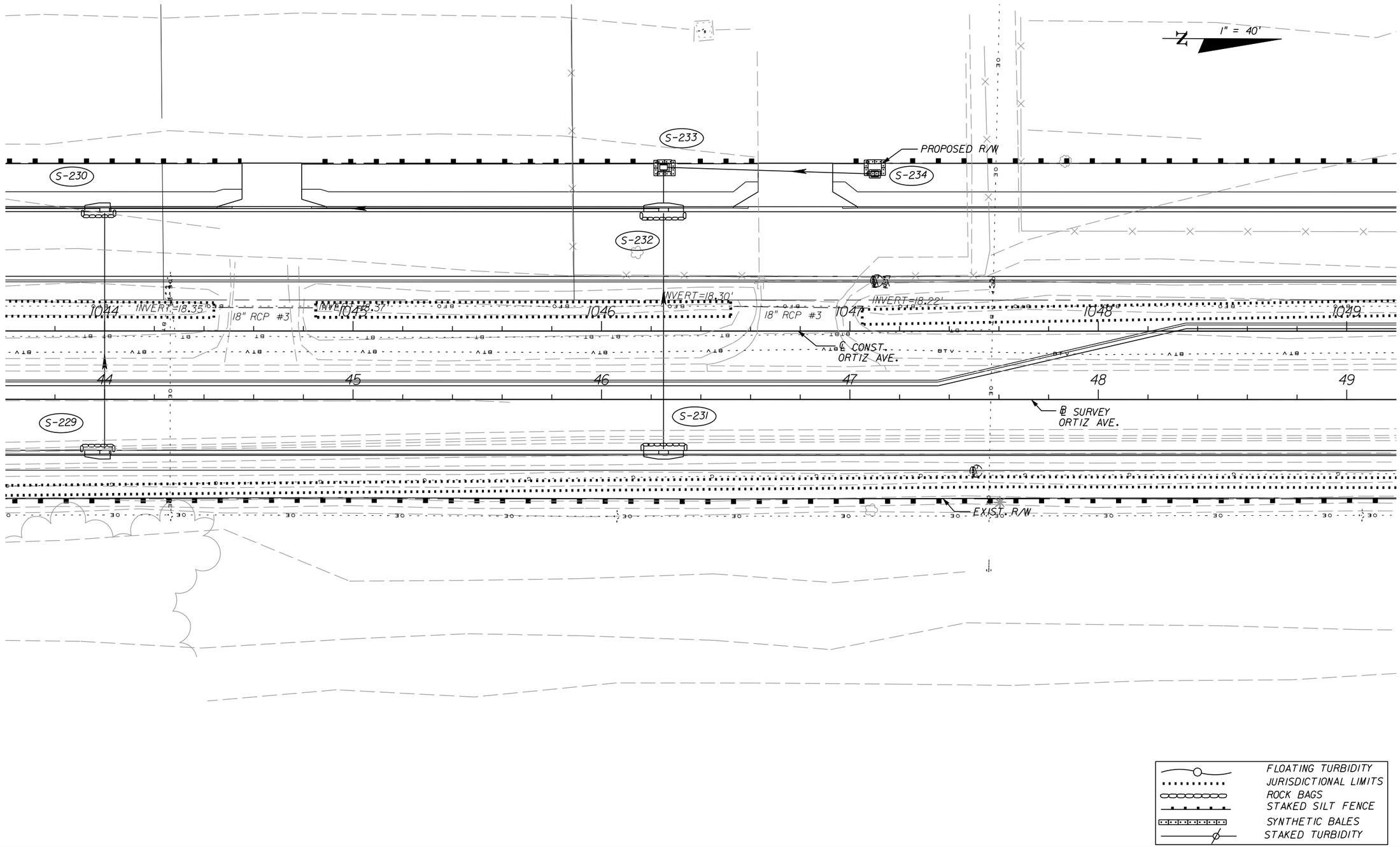

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# EROSION CONTROL SHEET (6)
# ORTIZ AVENUE (CR 865)

## STA. 1038+00.00 TO STA. 1043+60.00

SHEET NO.
349

apeters
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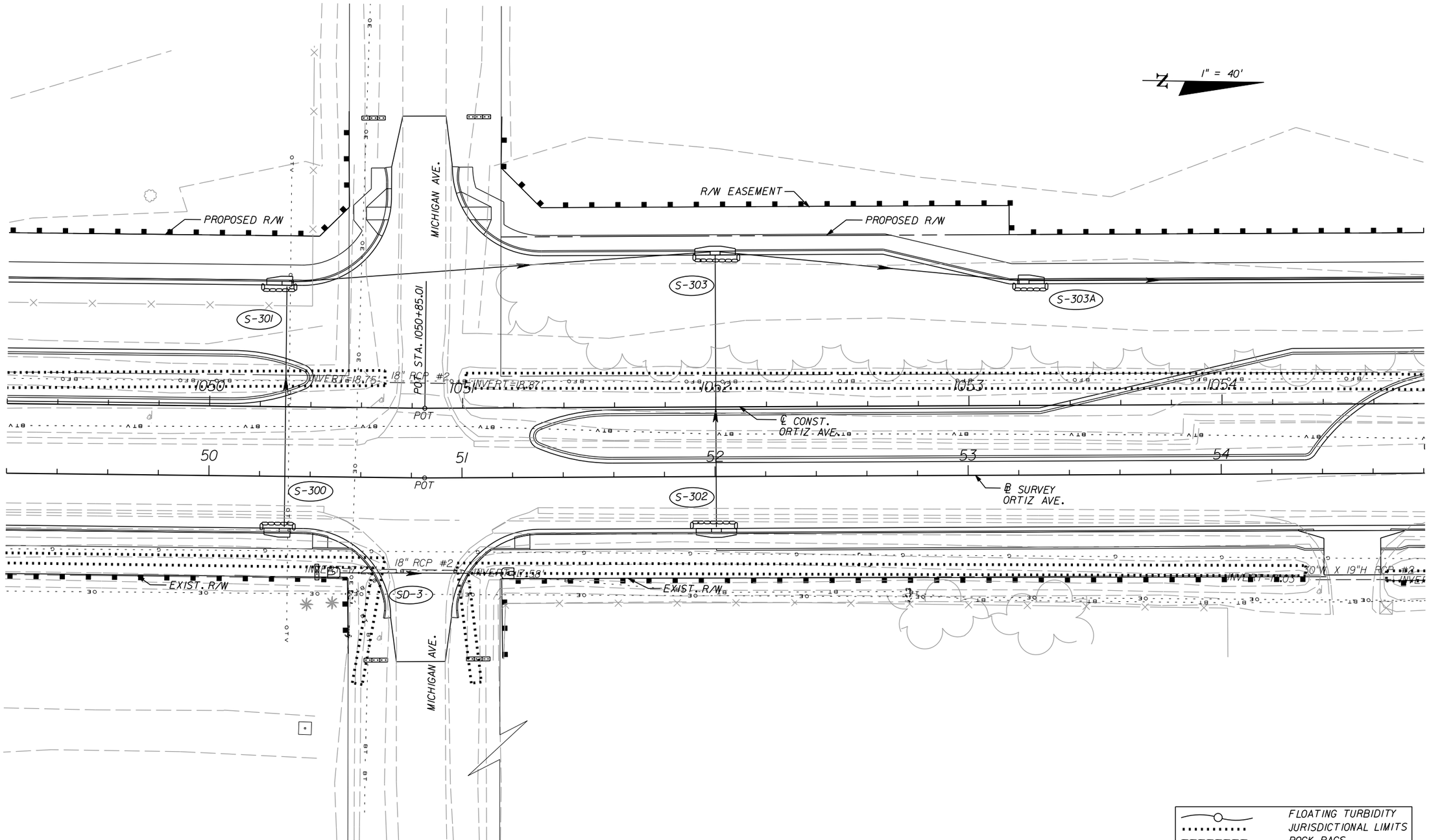

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# EROSION CONTROL SHEET (7)
# ORTIZ AVENUE (CR 865)

## STA. 1043+60.00 TO STA. 1049+10.00

SHEET NO.
350




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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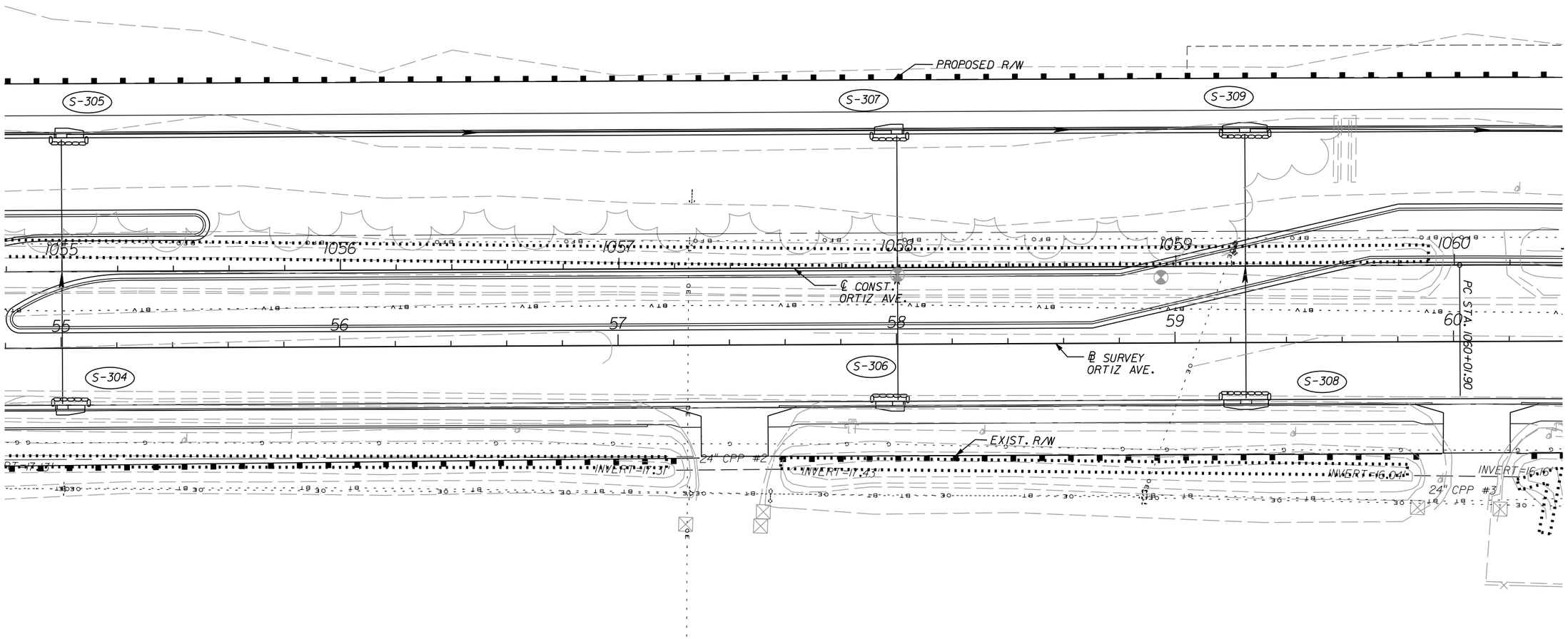

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# EROSION CONTROL SHEET (8)
# ORTIZ AVENUE (CR 865)

## STA. 1049+10.00 TO STA. 1054+80.00

SHEET NO. 351

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# EROSION CONTROL SHEET (9)
# ORTIZ AVENUE (CR 865)

## STA. 1054+80.00 TO STA. 1060+40.00

SHEET NO. 352

MATCH LINE - SEE BALLARD AVE. EROSION CONTROL PLANS

1" = 40'

S-341
S-340
S-342
S-319
S-321
S-322
S-317
S-316
S-314
S-313
S-311
S-315
S-310
S-312
S-320
S-318
S-343
S-344

INVERT=15.90' 36" CMP
INVERT=16
PROPOSED R/W
BALLARD RD.
24" CMP
INVERT=15.85' 36"CPP
INVERT=16.21'
FOR DIRECTION ONLY
36" RCP
STA. 300+00.00 ℄ BALLARD RD. = STA. 1063+64.14 ℄ CONST. ORTIZ AVE.
EXIST. R/W
INVERT=17.55' MES. TO BE DESTROYED
℄ CONST. ORTIZ AVE.
℄ SURVEY ORTIZ AVE.
STA. 300+00.00 ℄ BALLARD RD. = STA. 1063+52.71 ℄ CONST. ORTIZ AVE.
SOUTH END 24" RCP
NORTH END 30" RCP
INVERT=17.28'
STA. 300+06.04 ℄ BALLARD RD. = STA. 63+52.46 ℄ SURVEY ORTIZ AVE.
STA. 63+62.99
STA. 63+36.35
GRATE ELEV.=20.40'
14" X 23" ARCH #2
INVERT=18.22'
INVERT=18.0
24" RCP #2
GRATE ELEV.=20.29'
GRATE ELEV.=19.85'
GRATE ELEV.=19.98'
INVERT=16.87'
INVERT=17.89'
24" RCP #3
INVERT=15.69'
INVERT=16.15'
INVERT=17.61'
INVERT=17.87'
GRATE ELEV.=20.32'
12"
INVERT=17.55'
INVERT=17.13'
GRATE ELEV.=20.13'
℄ BALLARD RD.
FOR DIRECTION ONLY
2nd ARCH STILL NOT BOUND
INVERT=16.30'
INVERT=16.60'
INVERT=16.22'
INVERT=16.04'
STA. 1064+36.35

1061 62 63 64 1064 65 1065 1066 1062 1063

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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APPROVED BY:
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# EROSION CONTROL SHEET (10) ORTIZ AVENUE (CR 865)

## STA. 1060+40.00 TO STA. 1066+00.00

SHEET NO. 353

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N

1" = 40'

PROPOSED DRAINAGE EASEMENT

PROPOSED R/W

EXIST. R/W

POT STA. 1066+89.06

POT STA. 1067+99.04

POT STA. 1071+03.76

66 67 68 69 70 71

1066 1067 1068 1069 1070

8" PVC

24" RCP #2

INVERT=12.20'

INVERT=10.68'

INVERT=9.80'

℄ SURVEY ORTIZ AVE.

℄ CONST. ORTIZ AVE.

S-323 S-324 S-325 S-326 S-327 S-328

S-700 S-701

PROPOSED R/W

N. GALAXY DR.

INVERT=8.54'

18"W X 12"H RCP #2

INVERT=9.61'

18"W X 12"H RCP #1

INVERT=9.16'

INVERT=9.16'

MARS ST.

INVERT=9.20'

FOR DIRECTION ONLY
BEYOND PROJECT LIMITS

8" PVC

EXIST. R/W

PROPOSED R/W

INVERT=18.47'

18"W X 12"H RCP #1

INVERT=19.45'

INVERT=19.47'

18"W X 12"H RCP #1

INVERT=19.45'

INVERT=18.36'

18"W X 12"H RCP#1

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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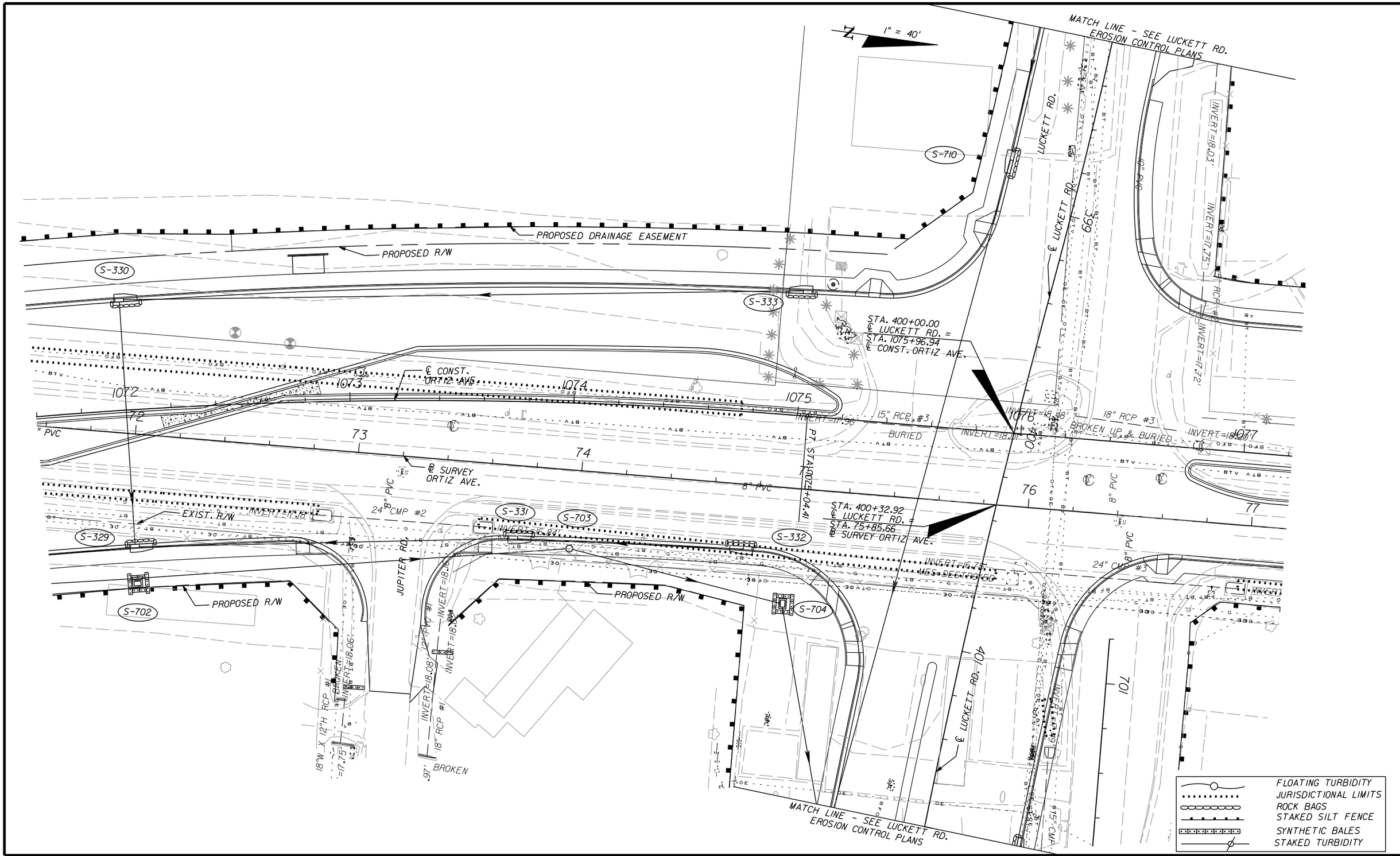

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# EROSION CONTROL SHEET (11)
# ORTIZ AVENUE (CR 865)

## STA. 1066+00.00 TO STA. 1071+60.00

SHEET NO.
354

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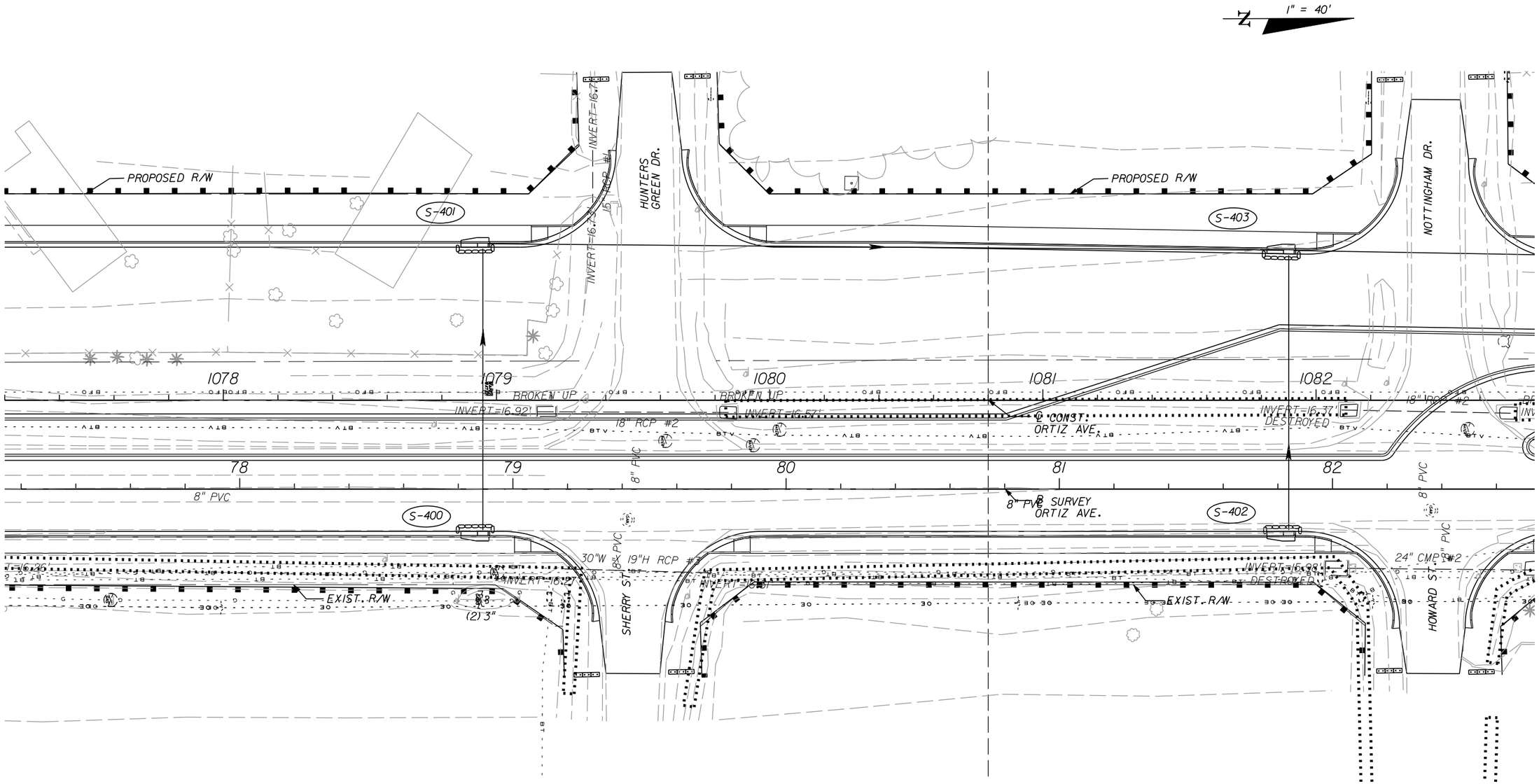

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# EROSION CONTROL SHEET (12)
# ORTIZ AVENUE (CR 865)

## STA. 1071+60.00 TO STA. 1077+20.00

SHEET NO. 355

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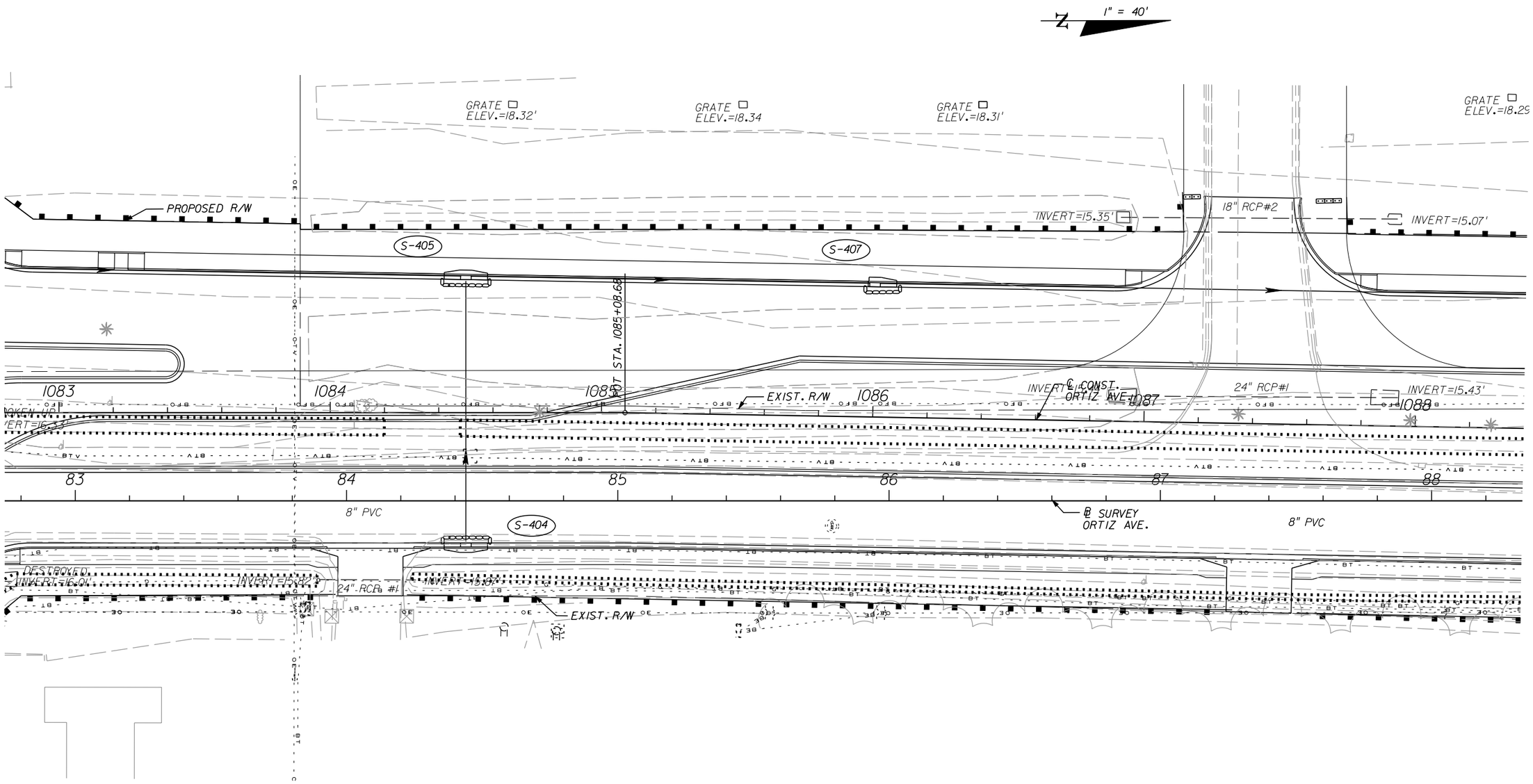

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# EROSION CONTROL SHEET (13)
# ORTIZ AVENUE (CR 865)

## STA. 1077+20.00 TO STA. 1082+80.00

SHEET NO.
356




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# EROSION CONTROL SHEET (14)
# ORTIZ AVENUE (CR 865)

**STA. 1082+80.00 TO STA. 1088+40.00**

SHEET NO.
357

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UNDER CONSTRUCTION

GRATE
ELEV.=18.28'

INVERT=14.77'
18" RCP#2

RIM ELEV.=18.50'

INVERT=14.80'

INVERT=14.39'
24" RCP#1

INVERT=14.77'

S-409

PROPOSED R/W

S-411

P.C. STA. 1089+74.68

1089

1090

℄ CONST. 1091
ORTIZ AVE.

1092

1093

1094

INVERT=15.58'
18" RCP #1

INVERT=15.55'
18" RCP #2

INVERT=14.85'

INVERT=14.29'

INVERT=13.64'
18" RCP #2

INVERT=13.81'
18" RCP

INVERT=13.66' IN

89

90

91

92

93

℄ SURVEY
ORTIZ AVE.

8" PVC

S-408

S-410

8" PVC

INVERT=14.03'
15" RCP #2

INVERT=13.47'
24" RCP #2

INVERT=13.38'

EXIST. R/W

INVERT=14.84'
6" PVC
FOR DIRECTION ONLY
PIPE GOES BEYOND PROJECT LIMITS

N

1" = 40'

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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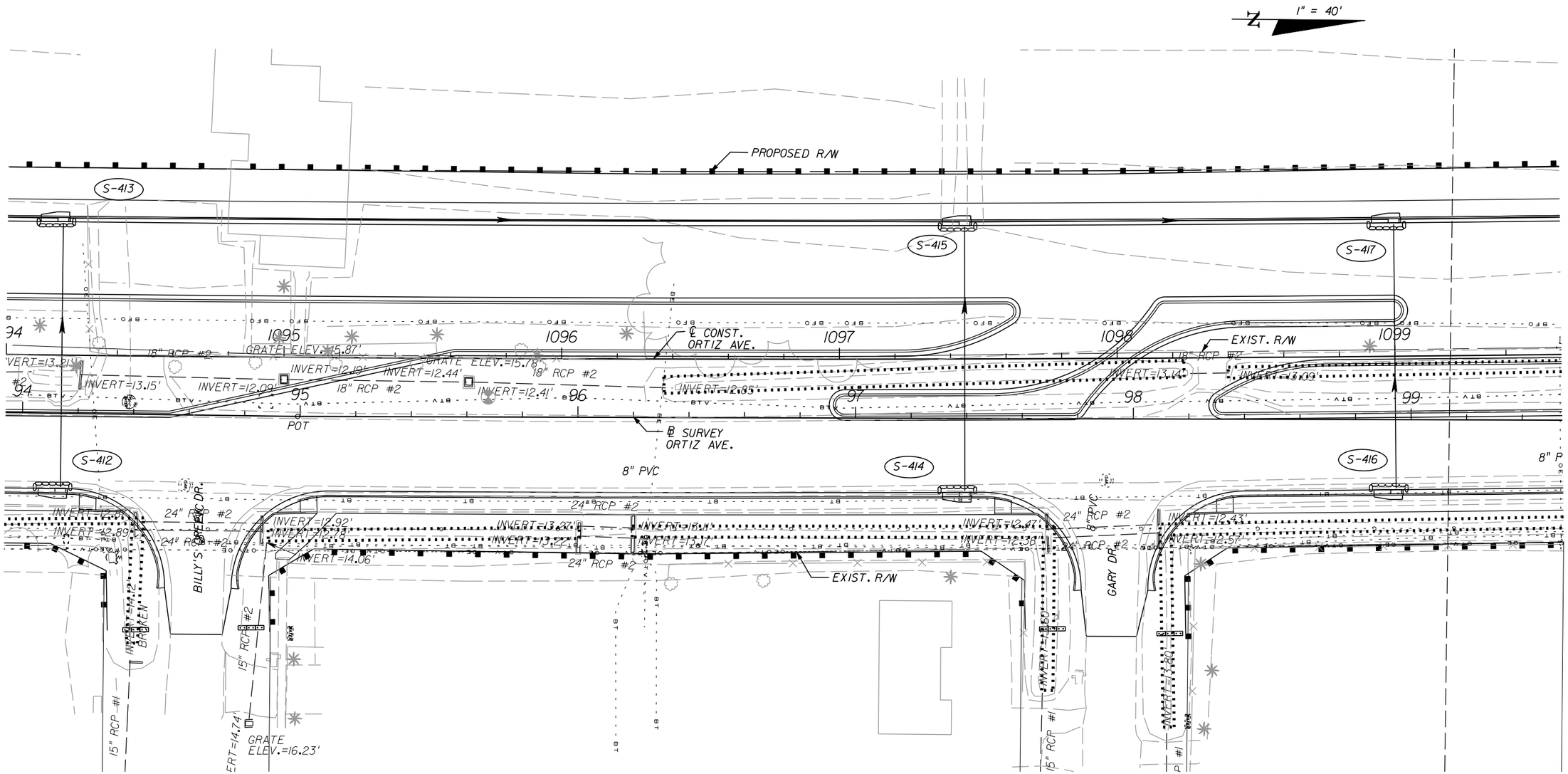

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# EROSION CONTROL SHEET (15)
# ORTIZ AVENUE (CR 865)

## STA. 1088+40.00 TO STA. 1094+00.00

SHEET NO.
358

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FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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# EROSION CONTROL SHEET (16)
# ORTIZ AVENUE (CR 865)

## STA. 1094+00.00 TO STA. 1099+60.00

SHEET NO.
359

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1" = 40'

PROPOSED R/W

S-419 S-421 S-423

PT STA. 1099+68.52

100 101 102 103 104 105

1100 1101 1102 1103 1104 1105

℄ CONST. ORTIZ AVE.

8" PVC ℄ SURVEY ORTIZ AVE.

S-418 S-420

VC

INVERT=12.26' 24" RCP #3

INVERT=12.29' 24" RCP #3

INVERT=12.21' 24" RCP #3

INVERT=12.03' 24" RCP #3

INVERT=12.08' 24" RCP #3

INVERT=12.53' 24" RCP #3

INVERT=10.27' 24" CPP #1

INVERT=10.28' 24" CPP #1

BILLY'S CREEK DR.

EXIST. R/W

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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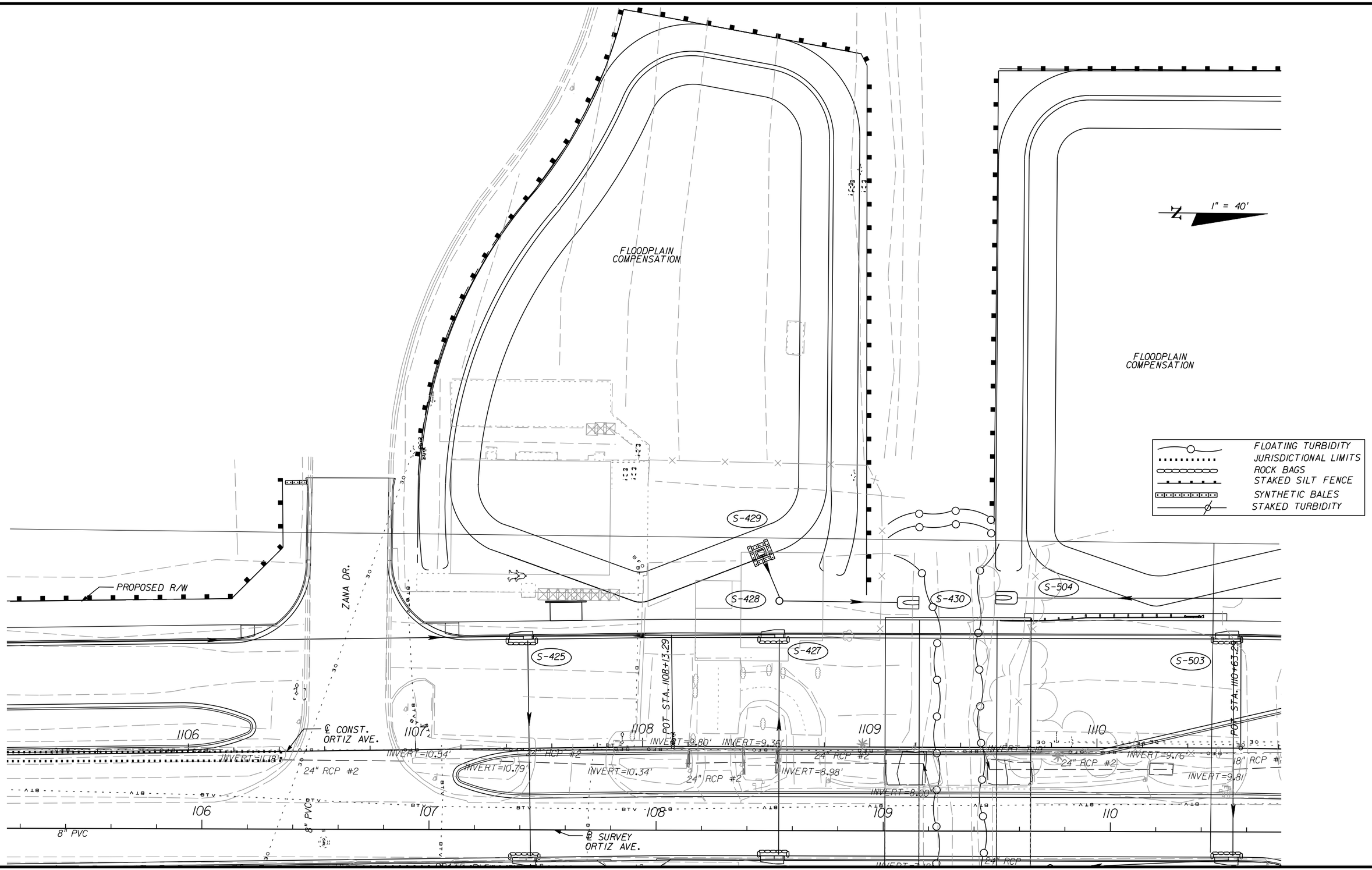

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# EROSION CONTROL SHEET (17)
# ORTIZ AVENUE (CR 865)

## STA. 1099+60.00 TO STA. 1105+20.00

SHEET NO. 360

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# EROSION CONTROL SHEET (18)
# ORTIZ AVENUE (CR 865)

**STA. 1105+20.00 TO STA. 1110+80.00**

SHEET NO. 361


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MATCH LINE - SEE GLENWOOD AVE. EROSION CONTROL PLANS

PROPOSED DRAINAGE EASEMENT

PROPOSED R/W

S-504 S-506 S-505 S-508 S-509 S-510

℄ GLENWOOD AVE.

N 88° 49' 48" E 499

CONST. 18 RCP

CONST. 42 RCP

18" PVC

12" PVC

STA. 500+00.00
℄ GLENWOOD AVE. =
STA. 1116+00.88
℄ CONST. ORTIZ AVE.

POT STA. 1113+14.30

℄ CONST. ORTIZ AVE.

℄ SURVEY ORTIZ AVE.

1111 1112 1113 1114 1115 1116

111 112 113 114 115 116

INVERT=10.00

INVERT=10.20

18" RCP #2

INVERT=9.09'

24" RCP #2

INVERT=9.16'

18" RCP #2

INVERT=8.95'

INVERT=9.24'

24" RCP #2

INVERT=9.07'

18" RCP #2

INVERT=9.06'

INVERT=10.42'

18" RCP #2

INVERT=10.21'

12" PVC

INVERT=10.41'

12" PVC

INVERT=9.59'

DEAN ST.

15" CCP #2

INVERT=10.38'

"W" X 12"H RCP #2

INVERT=10.18'

INVERT=9.11'

EXIST. R/W

8" PVC

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


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# EROSION CONTROL SHEET (19)
# ORTIZ AVENUE (CR 865)

## STA. 1110+80.00 TO STA. 1116+40.00

SHEET NO. 362

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1" = 40'

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

PROPOSED R/W

S-511
S-513
S-514
S-515
S-517

117 118 119 120 121 1122

℄ CONST. ORTIZ AVE.

℄ SURVEY ORTIZ AVE.

24" RCP #2 INVERT=9.96'
INVERT=9.95'
INVERT=9.74'
24" RCP #2 INVERT=9.68'
INVERT=10.01'
24" RCP #2 INVERT=9.72'
INVERT=10.27'
24" RCP #2 INVERT=10.32'
INVERT=10.14'
24" RC

15" RCP #2 INVERT=10.43'
INVERT=10.48'
INVERT=10.84'
18" RCP #2 INVERT=11.14'
15" RCP #2 INVERT=11.30'
INVERT=11.13'
15" RCP #2 INVERT=11.22'
INVERT=10.07'
18" PVC

EXIST. R/W

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| | | | |


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# EROSION CONTROL SHEET (20)
# ORTIZ AVENUE (CR 865)

## STA. 1116+40.00 TO STA. 1122+00.00

SHEET NO. 363

1" = 40'

PROPOSED R/W

S-519

PC STA. 1124+60.52

S-522

1122 1123 1124 1125 1126 1127

℄ CONST. ORTIZ AVE.

GRATE ELEV.=12.98'

INVERT=10.25'

24" RCP #2

INVERT=10.58'

24" RCP #2

INVERT=10.91'

INVERT=10.88'

24" RCP #2

INVERT=10.37'

INVERT=10.50'

122 123 124 125 126 127

℄ SURVEY ORTIZ AVE.

S-518

GRATE ELEV.=13.26'

INVERT=10.90'

23"W X 14"H RCP #2

23"W X 14"H RCP #2

FOR DIRECTION ONLY PIPE END BUSTER

18" PVC

INVERT=10.92'

18" RCP #2

INVERT=11.35'

18" RCP #2

INVERT=10.54'

INVERT=10.59'

RIM ELEV.=14.73'

S-521

RIM ELEV.=15.10'

S-600

S-601

RIM ELEV.=13.99'

INVERT=10.89'

18" PVC

23"W X 14"H RCP #2

INVERT=10.52'

INVERT=10.63'

RIM ELEV.=15.09'

INVERT=8.89'

EXIST. R/W

S-602A

EXIST. R/W

S-602

INVERT=10.59'

RIM ELEV.=14.61'

INVERT=12.46'

8" PVC

INVERT=12.59'

S-603

S-604

8" PVC

20" RCP #2

INVERT=11.30'

12" RCP #2

23"W X 14"H RCP

INVERT=11.57'

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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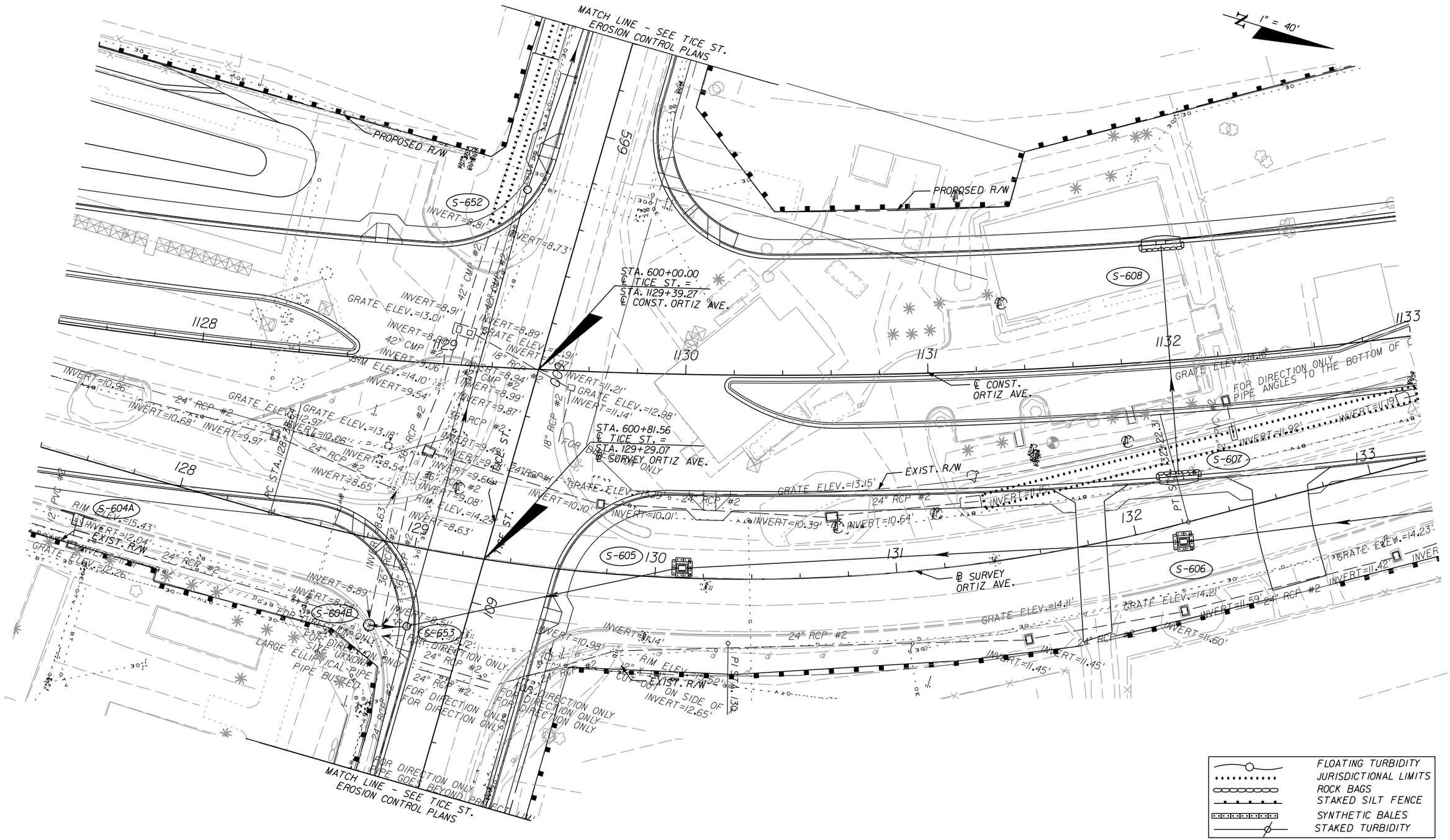

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# EROSION CONTROL SHEET (21)
# ORTIZ AVENUE (CR 865)

## STA. 1122+00.00 TO STA. 1127+40.00

SHEET NO. 364

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# EROSION CONTROL SHEET (22)
# ORTIZ AVENUE (CR 865)

## STA. 1127+40.00 TO STA. 1133+00.00

SHEET NO. 365


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1" = 40'

S-612 S-617 S-611 S-613 S-609 S-610 S-614 S-615 S-616 S-618

STA. 1136+00.89

1133 1134 1135 1136 1137 1138

C CONST. ORTIZ AVE.

℄ SURVEY ORTIZ AVE.

ELVAS AVE.

EXIST. R/W

INVERT=11.55'
INVERT=12.16'
INVERT=12.00'
INVERT=12.55'
INVERT=12.67'
INVERT=12.92'
INVERT=12.88'
INVERT=12.91'
INVERT=12.75'
INVERT=12.66'
INVERT=12.26'
INVERT=12.20'
INVERT=12.18'
INVERT=12.43'
INVERT=12.34'
INVERT=13.36'
INVERT=12.29'
INVERT=12.33'
RT=11.39'
RT=12.00'

18" RCP #2
24" RCP #2

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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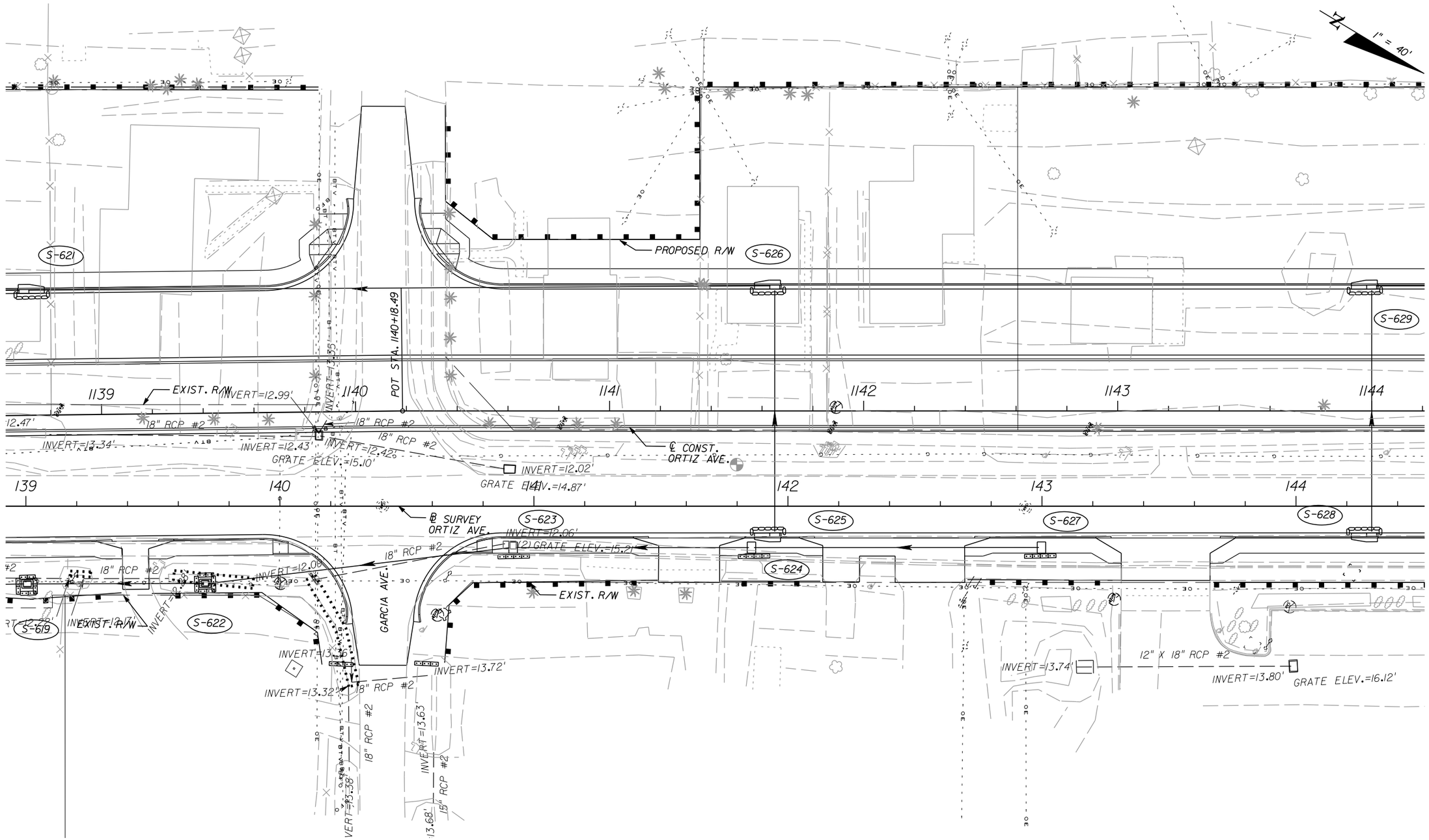

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# EROSION CONTROL SHEET (23)
# ORTIZ AVENUE (CR 865)

## STA. 1133+00.00 TO STA. 1138+60.00

SHEET NO. 366

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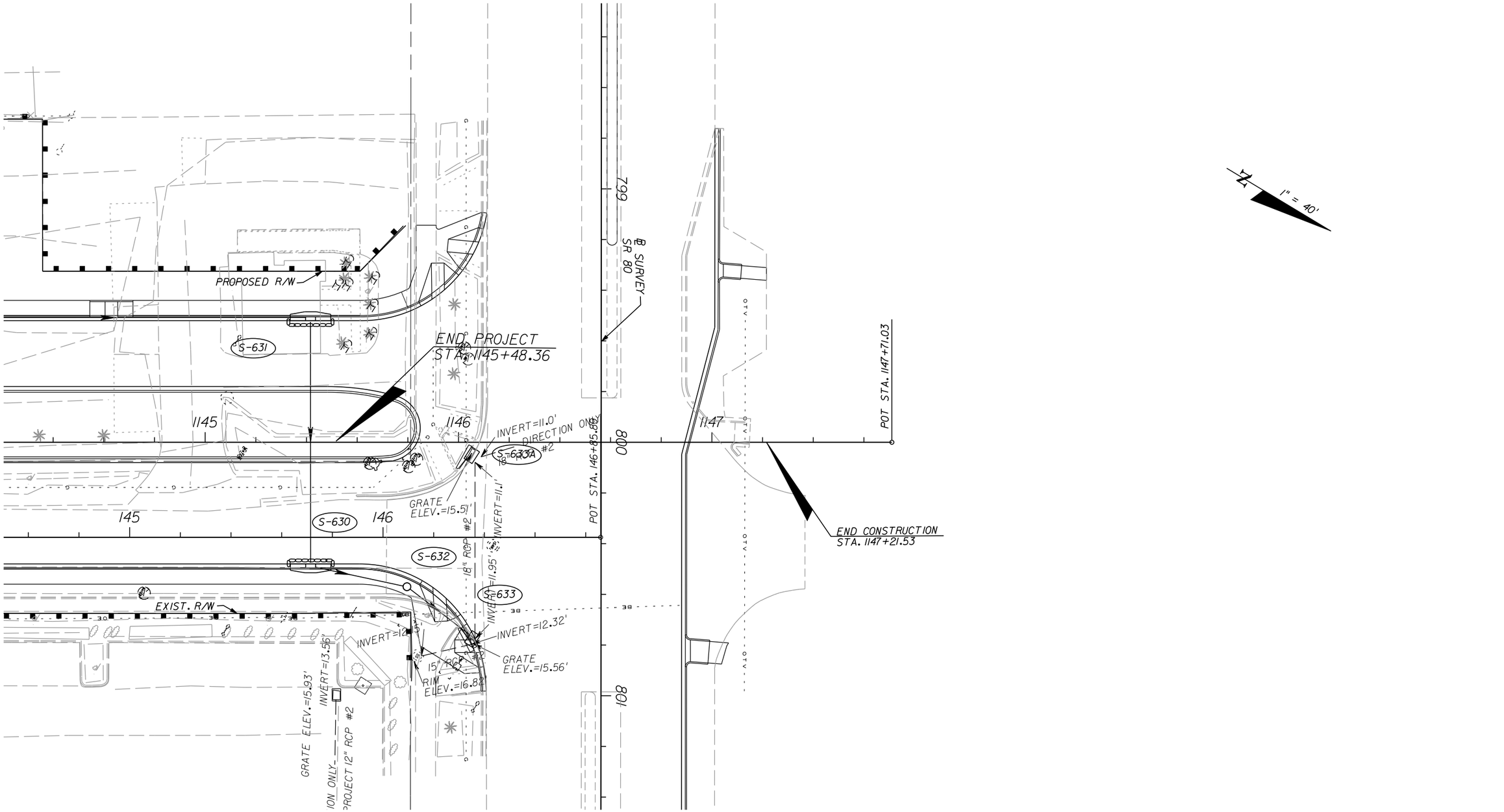

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# EROSION CONTROL SHEET (24)
# ORTIZ AVENUE (CR 865)

## STA. 1138+60.00 TO STA. 1144+20.00

SHEET NO. 367

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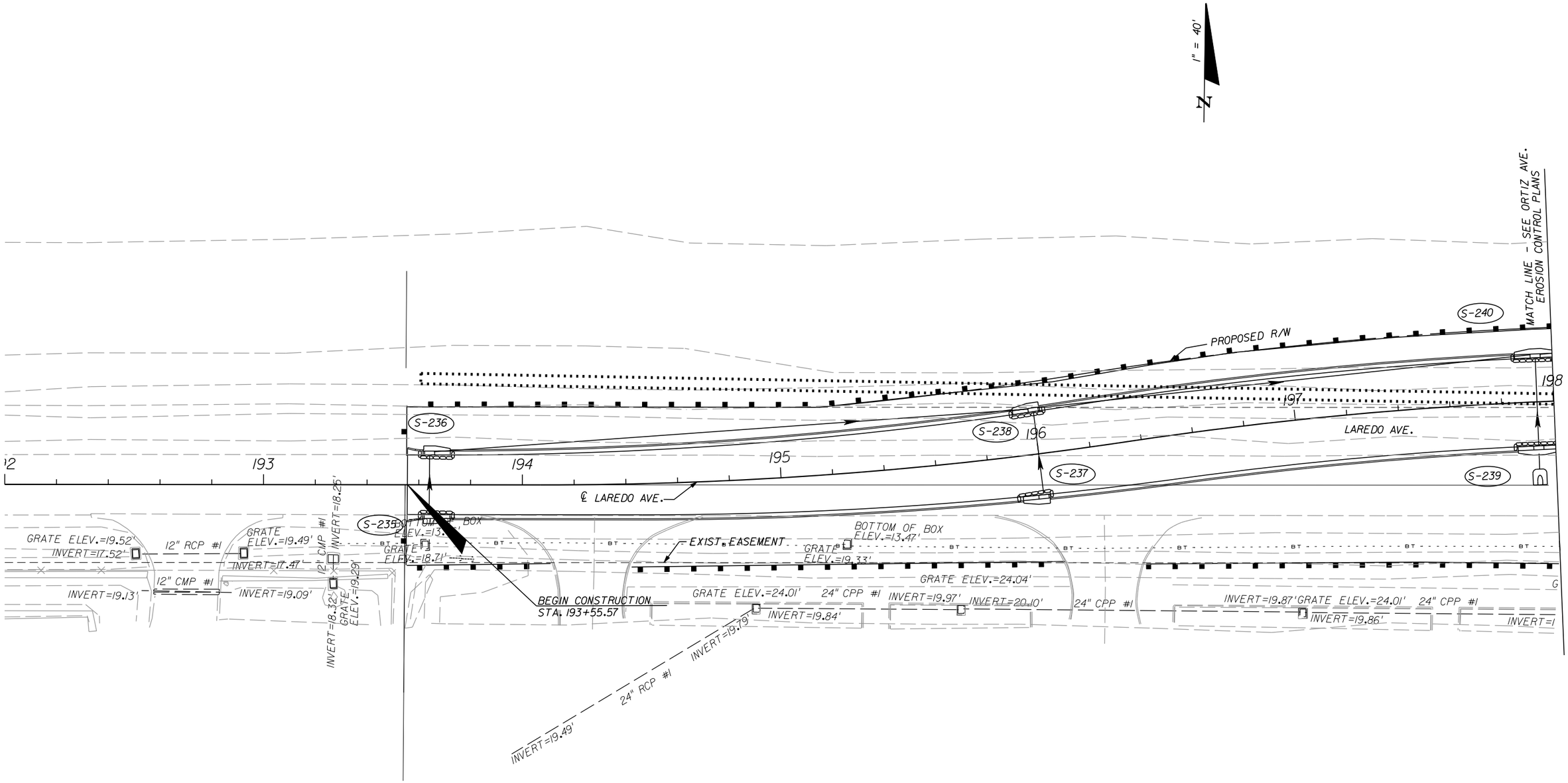

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# EROSION CONTROL SHEET (25)
# ORTIZ AVENUE (CR 865)

## STA. 1144+20.00 TO STA. 1145+48.36

SHEET NO. 368




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# EROSION CONTROL SHEET (26)
# LAREDO AVENUE

**STA. 193+55.57 TO STA. 198+00.00**

SHEET NO. 369

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1" = 40'

N

PROPOSED DRAINAGE EASEMENT

PROPOSED R/W

15" PVC #2

INVERT=18.63'

INVERT=18.74'

202

LAREDO AVE.

203

204

205

206

207

℄ LAREDO AVE.

INVERT=18.63'

INVERT=18.68'

18"W X 12"H RCP #2

INVERT=18.86'

12" RCP #1

INVERT=18.70'

INVERT=18.54'

12" RCP #1

INVERT=18.31'

12" PVC #

INVERT=18.22'

INVERT=18.37'

EXIST. R/W

MATCH LINE - SEE ORTIZ AVE. EROSION CONTROL PLANS

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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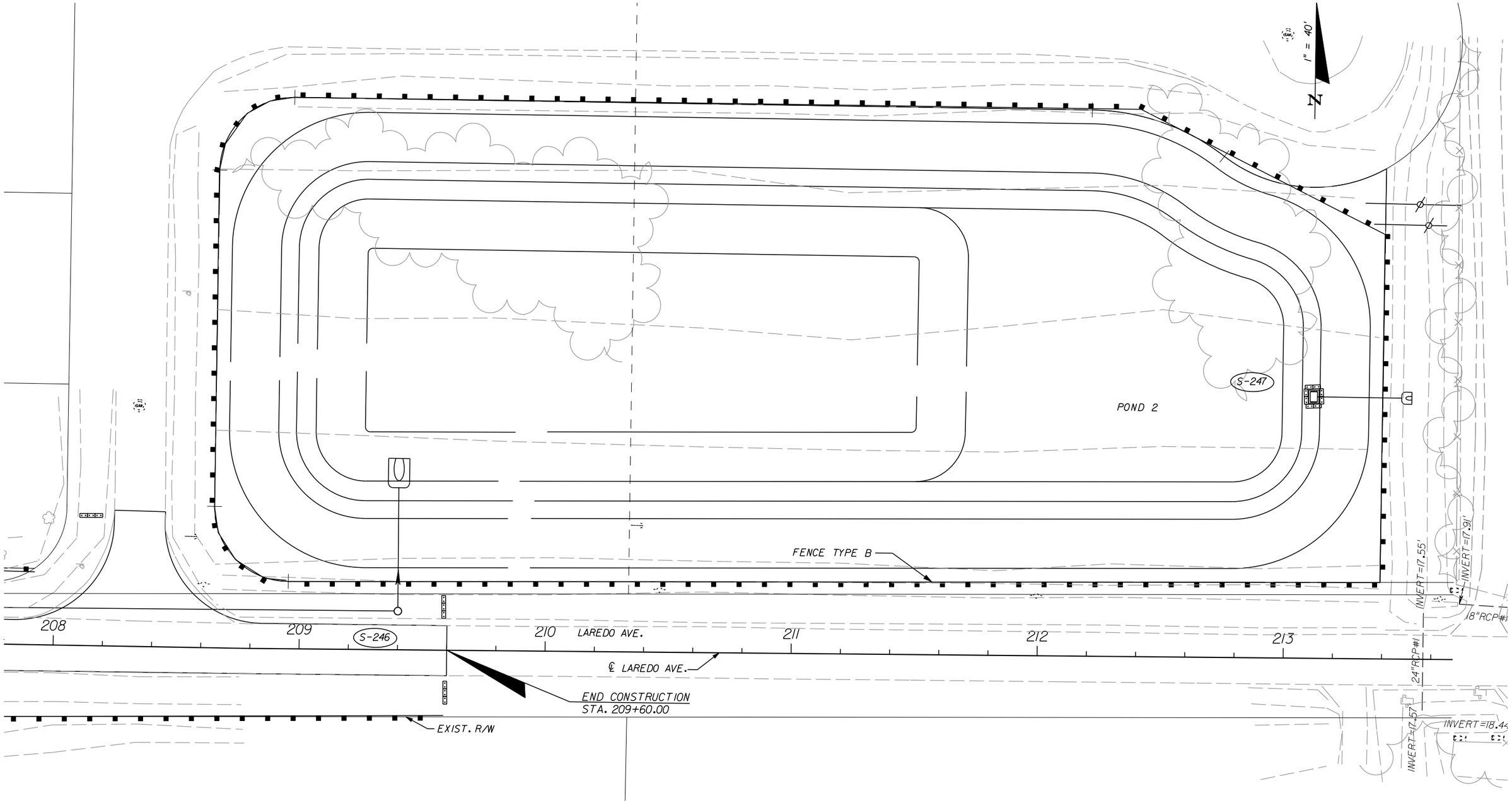

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# EROSION CONTROL SHEET (27)
# LAREDO AVENUE

## STA. 201+80.00 TO STA. 207+80.00

SHEET NO.
370

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FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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# EROSION CONTROL SHEET (28)
# LAREDO AVENUE

## STA. 207+80.00 TO STA. 213+65.00

SHEET NO.
371


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292 BALLARD RD. 293 294 295 296 297 298

℄ BALLARD RD.

EXIST. R/W

S-335 S-334 S-339 S-337 S-338 S-336

INVERT=17.42'

15" RCP #1
INVERT=16.34'

EXIST. R/W

18" RCP #1
INVERT=17.12'

INVERT=17.05'

GRATE ELEV.=20.23'
COVERED IN ASPHALT EXCEPT GRATE

BEGIN CONSTRUCTION
STA. 293+86.30

PROPOSED R/W

PROPOSED R/W

1" = 40'

N

MATCH LINE - SEE ORTIZ AVE. EROSION CONTROL PLANS

FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

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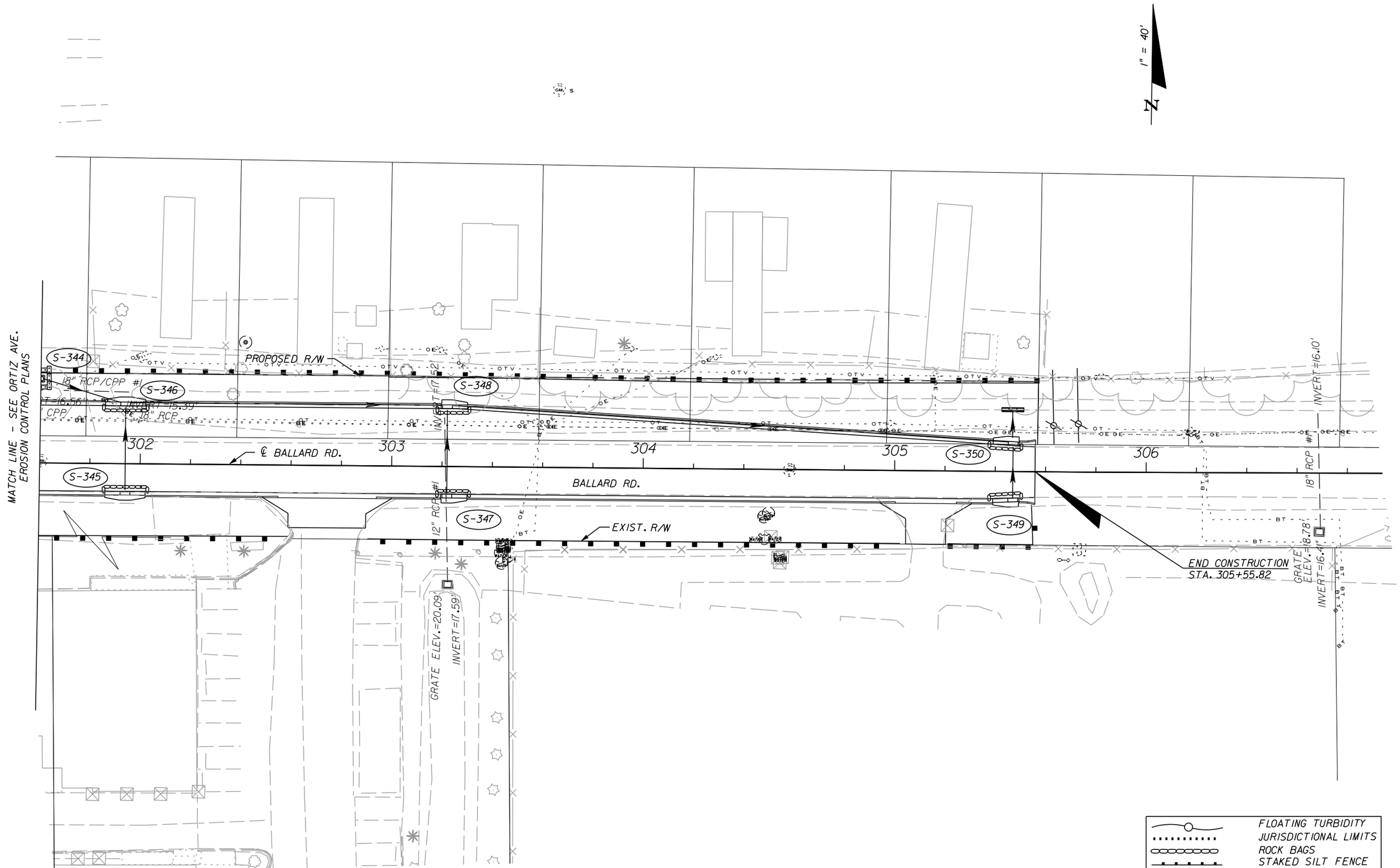

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# EROSION CONTROL SHEET (29)
# BALLARD AVENUE

## STA. 293+86.30 TO STA. 298+00.00

SHEET NO. 372

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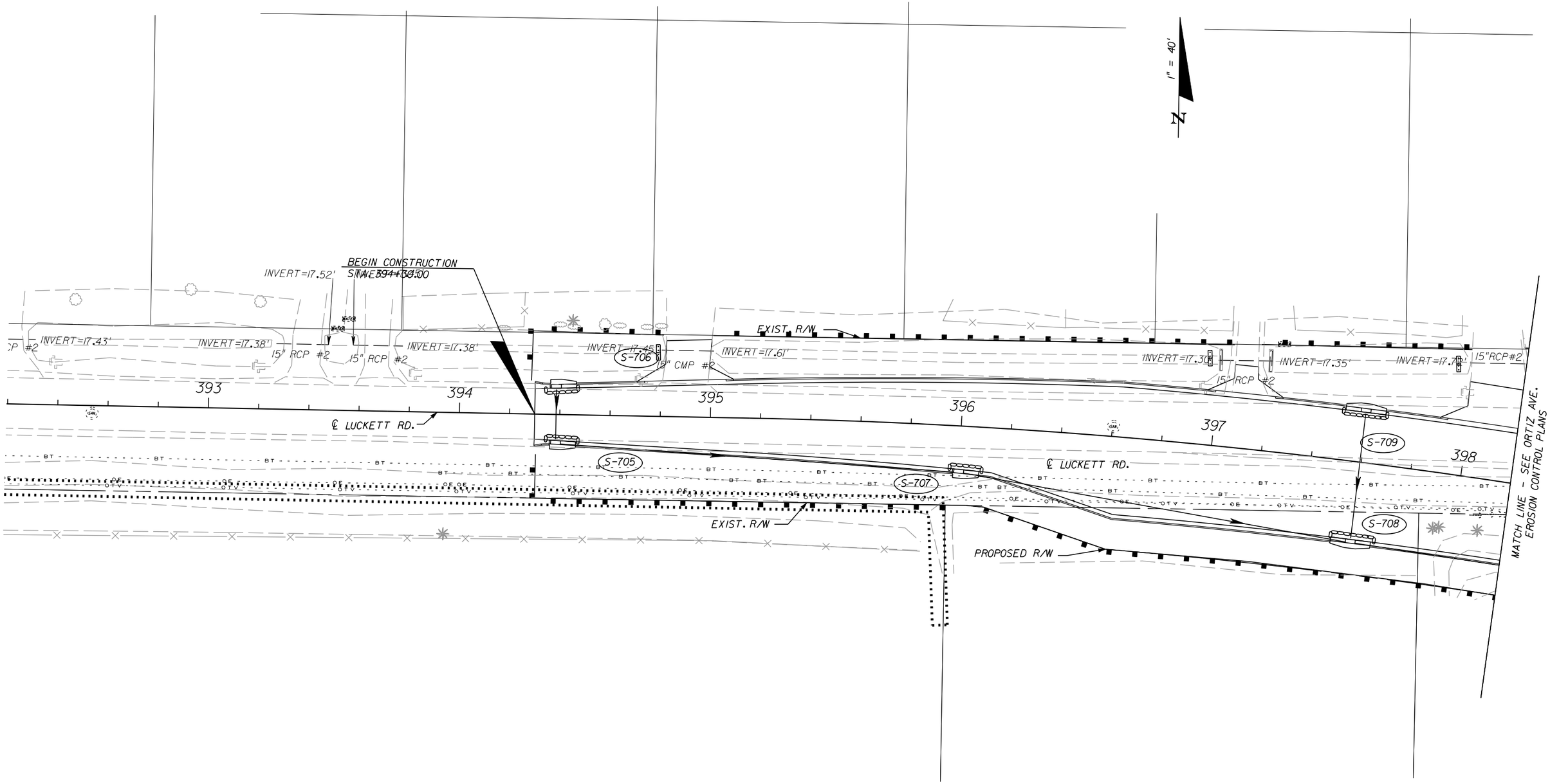

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# EROSION CONTROL SHEET (30)
# BALLARD AVENUE

**STA. 301+60.00 TO STA. 305+55.82**

SHEET NO. 373

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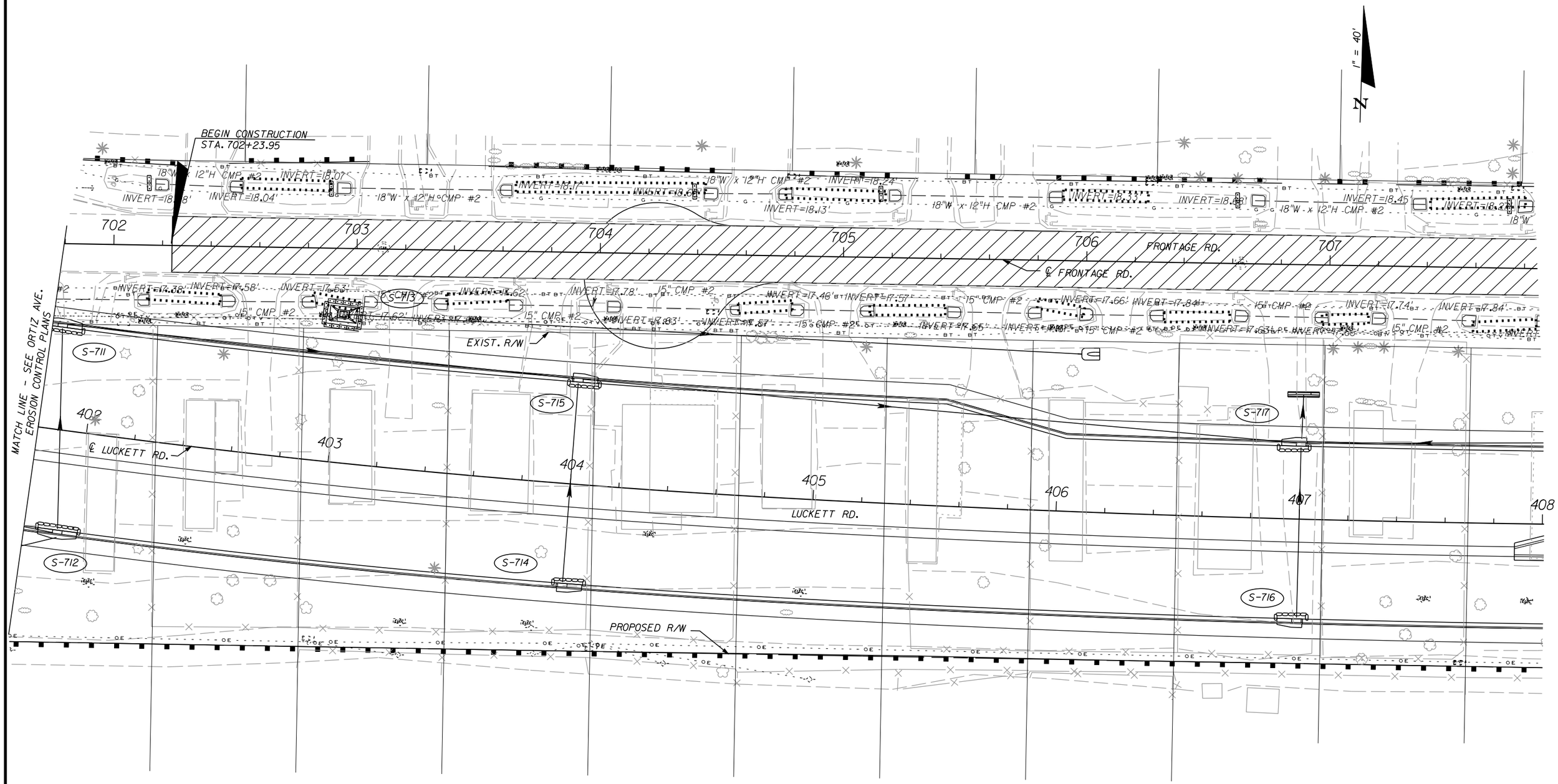
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# EROSION CONTROL SHEET (31)
# LUCKETT AVENUE

## STA. 394+30.00 TO STA. 398+20.00

SHEET NO. 374

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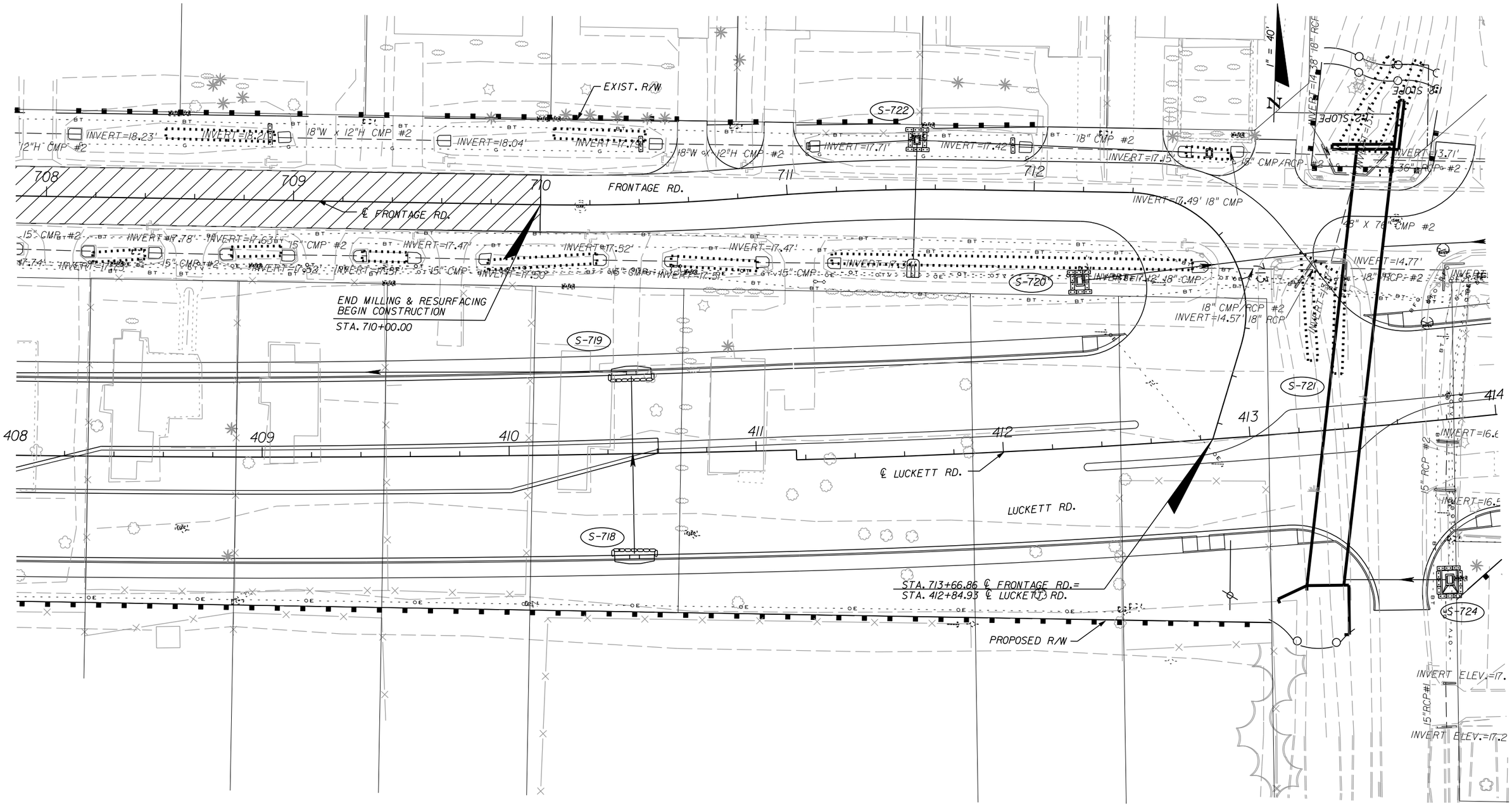

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# EROSION CONTROL SHEET (32)
# LUCKETT AVENUE

## STA. 401+80.00 TO STA. 408+00.00

SHEET NO. 375

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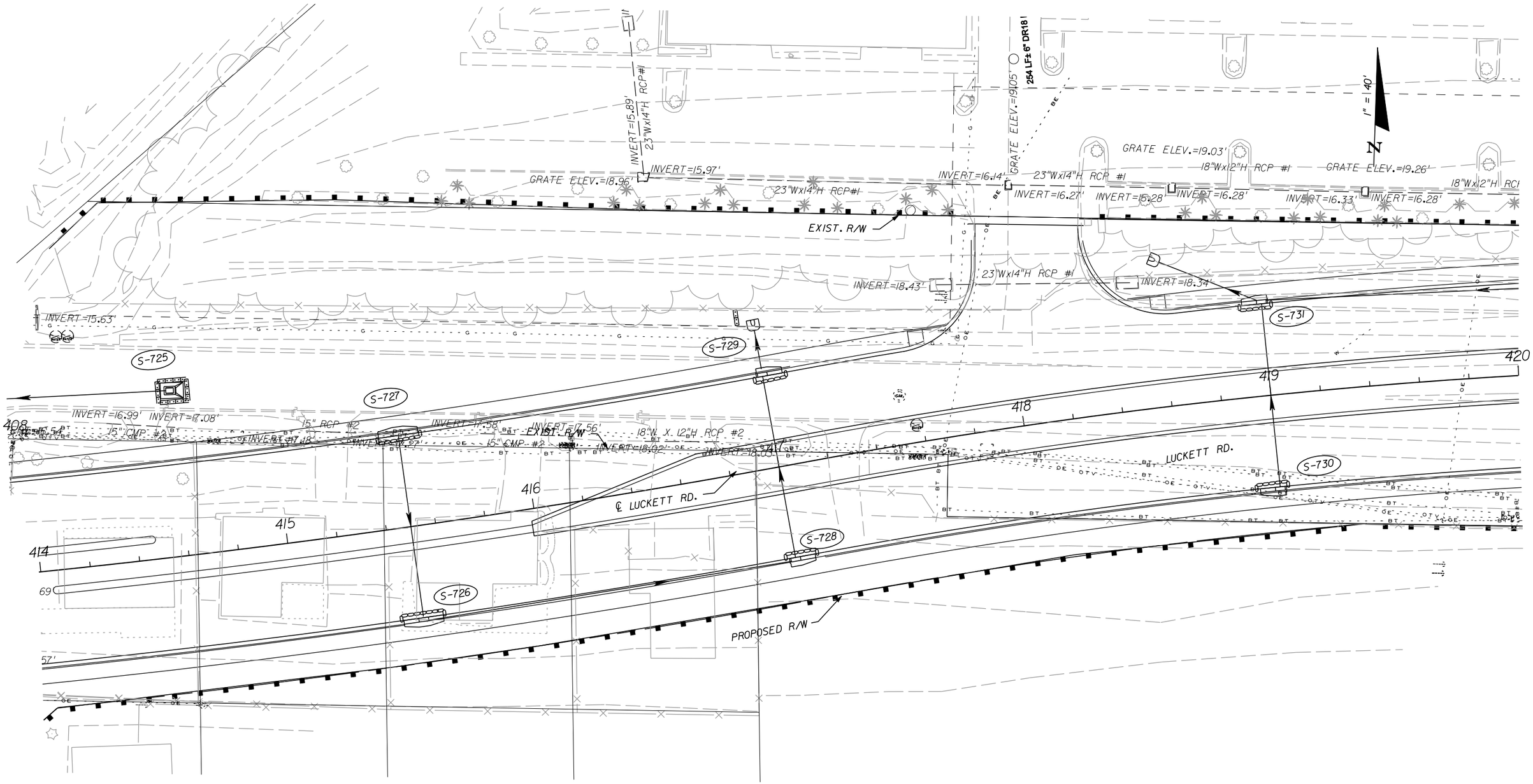

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DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm


# EROSION CONTROL SHEET (33)
# LUCKETT AVENUE
## STA. 408+00.00 TO STA. 414+00.00

SHEET NO. 376




FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

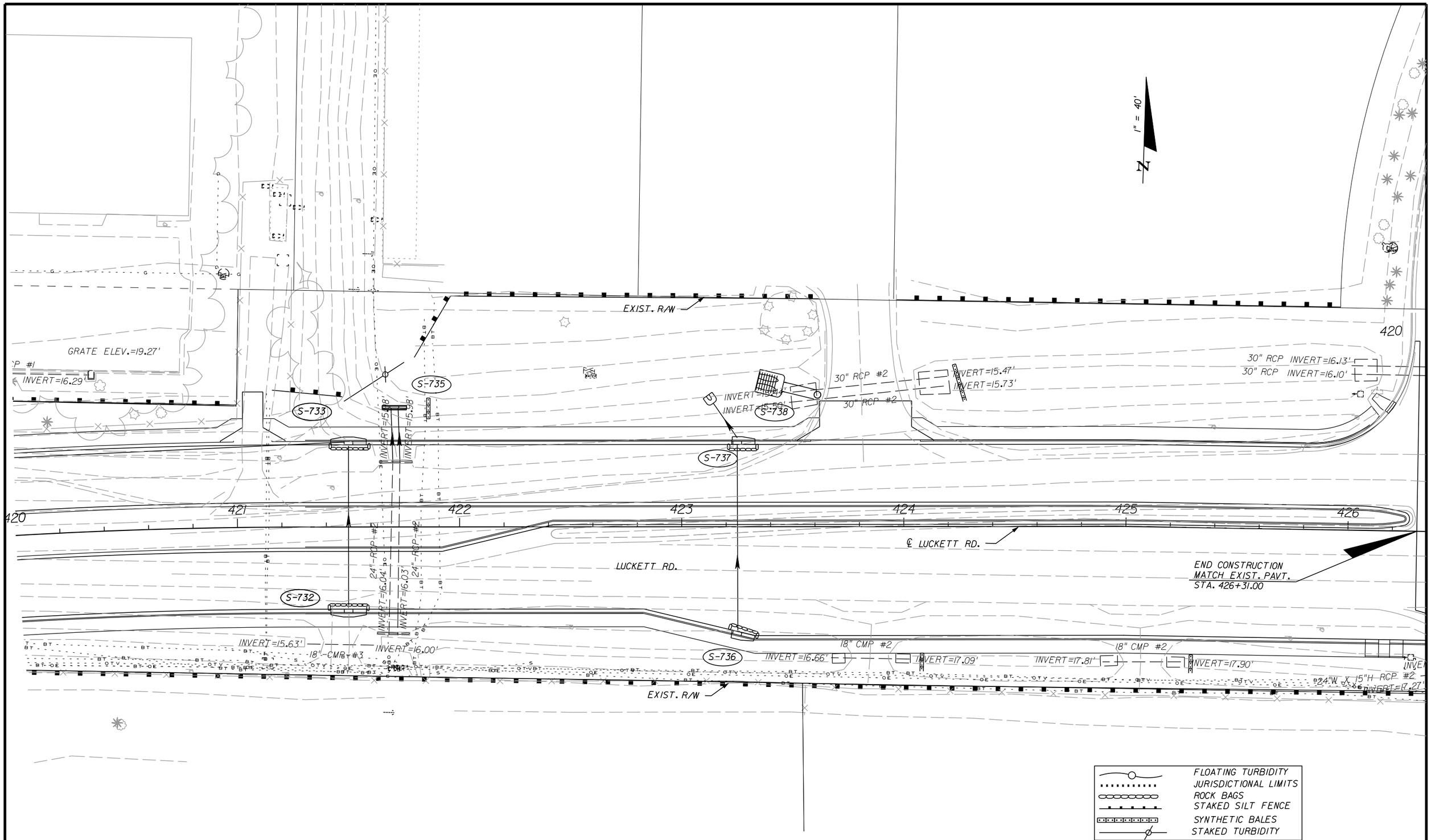

APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
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# EROSION CONTROL SHEET (34)
# LUCKETT AVENUE
## STA. 414+00.00 TO STA. 420+00.00

SHEET NO.
377

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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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FLORIDA CERTIFICATE NO. 60226

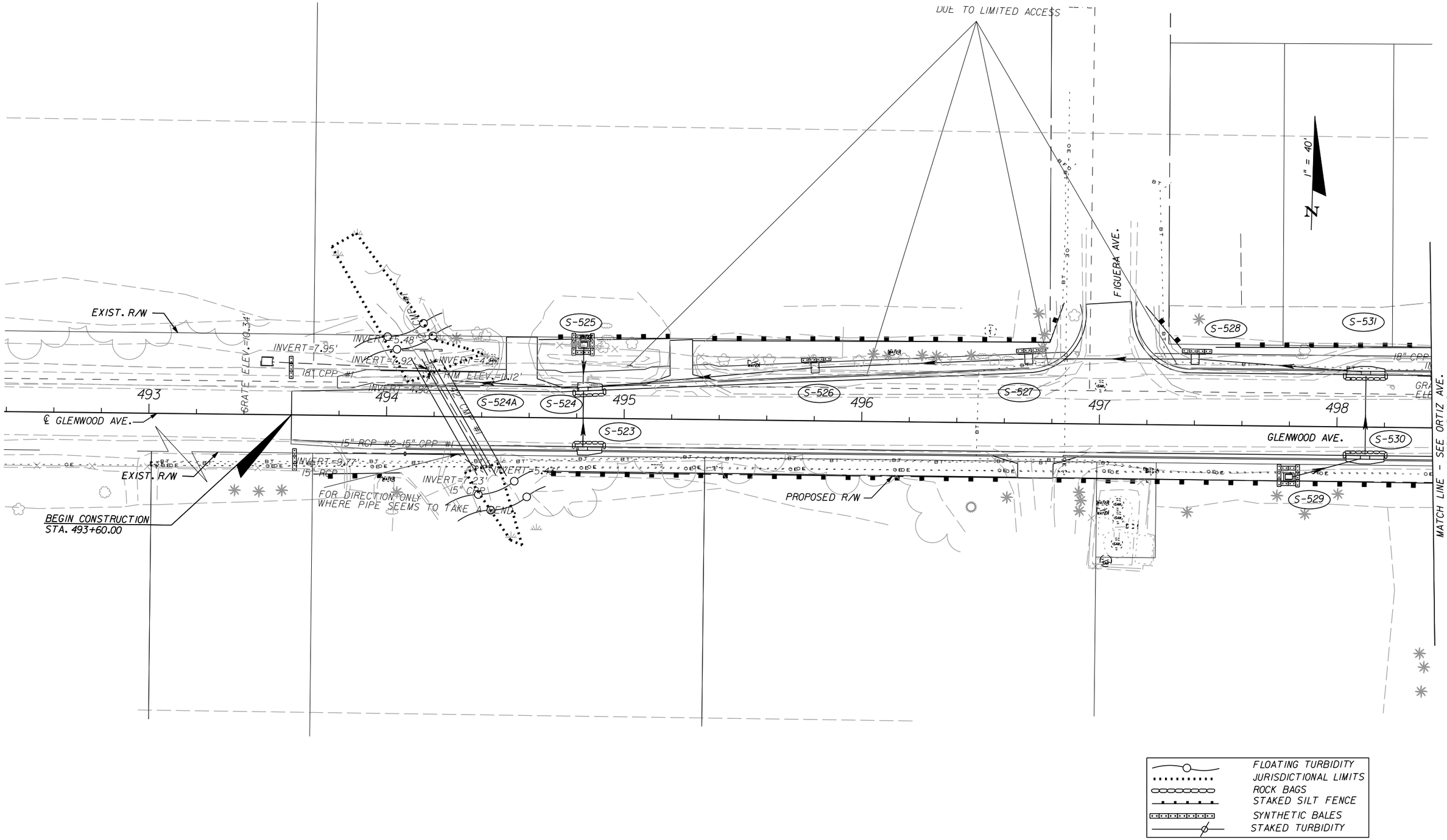

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# EROSION CONTROL SHEET (35)
# LUCKETT AVENUE

**STA. 420+00.00 TO STA. 426+31.00**

SHEET NO. 378

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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

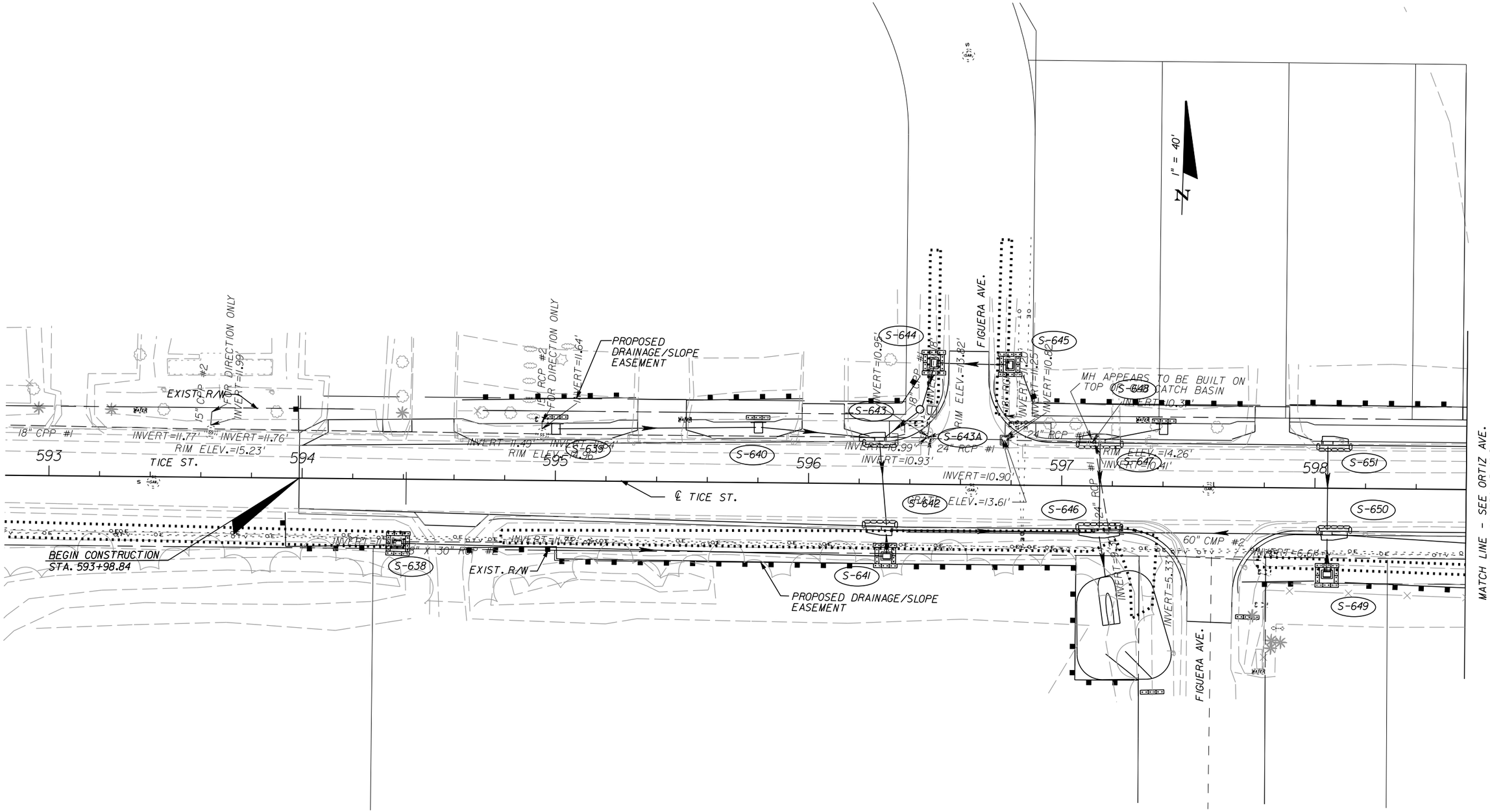

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DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226


PUBLIC WORKS
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# EROSION CONTROL SHEET (36)
# GLENWOOD AVENUE

**STA. 493+60.00 TO STA. 498+40.00**

SHEET NO. 379




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


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DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

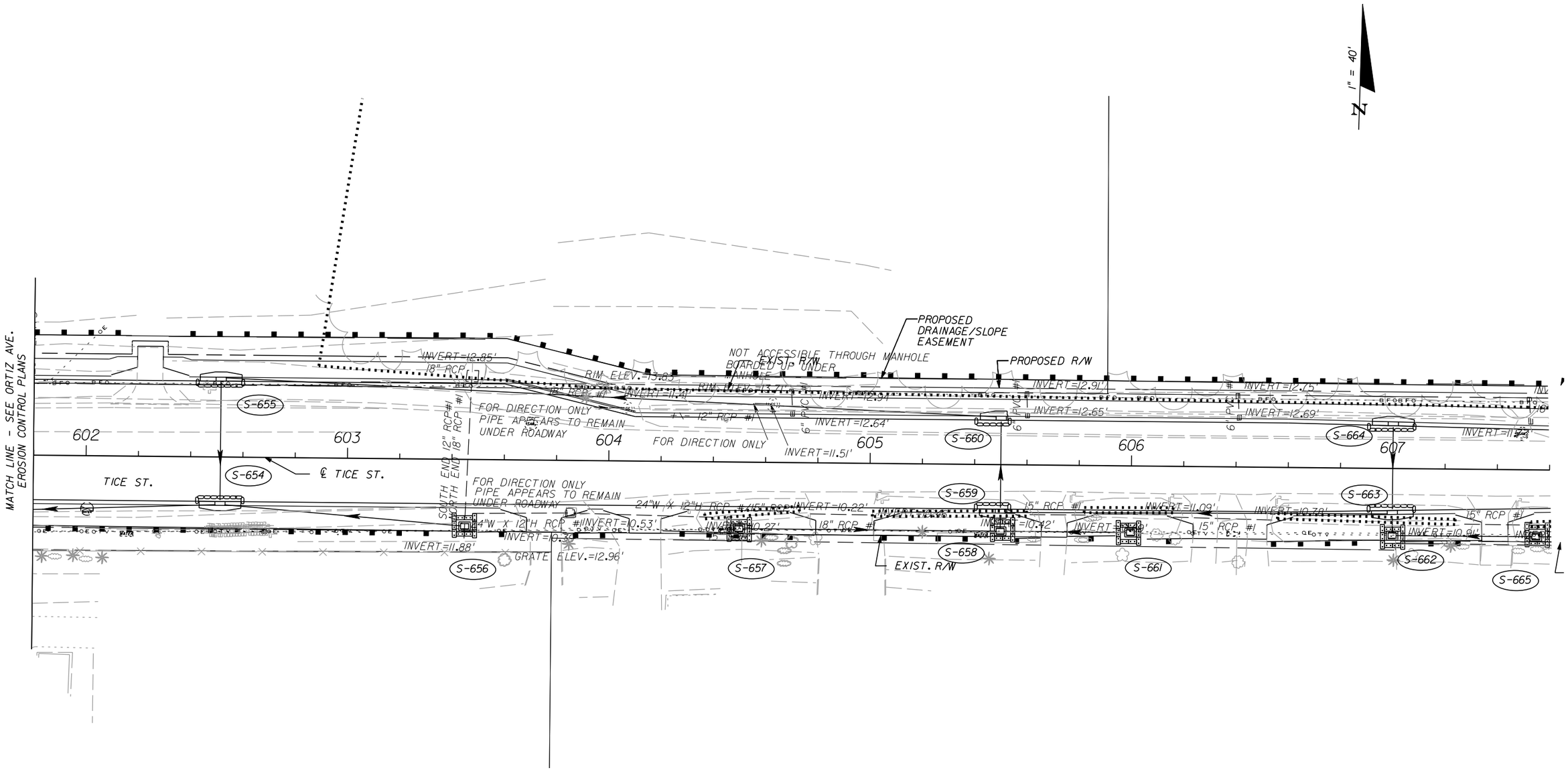

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1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# EROSION CONTROL SHEET (37)
# TICE AVENUE

## STA. 593+98.84 TO STA. 598+60.00

SHEET NO. 380

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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

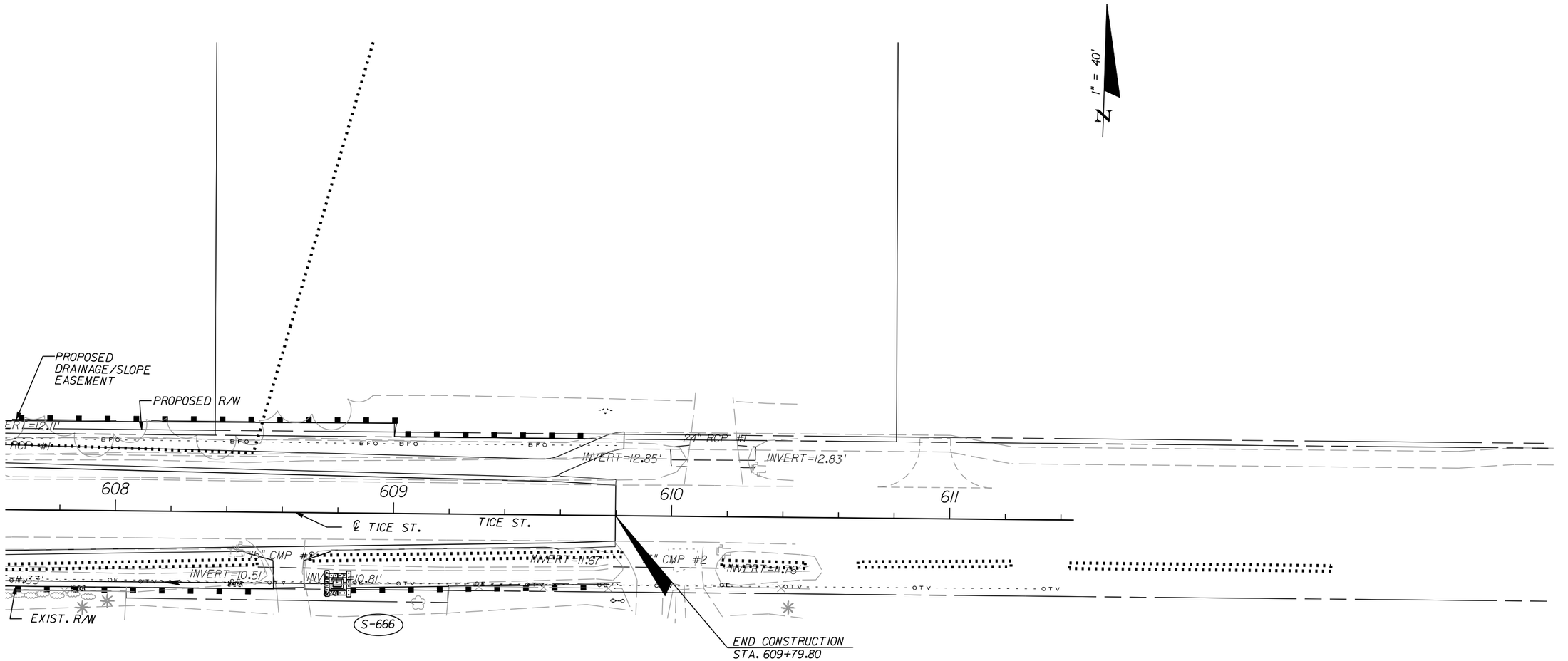

APPROVED BY:
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FLORIDA CERTIFICATE NO. 60226


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# EROSION CONTROL SHEET (38)
# TICE AVENUE
## STA. 601+80.00 TO STA. 607+60.00

SHEET NO.
381

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FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

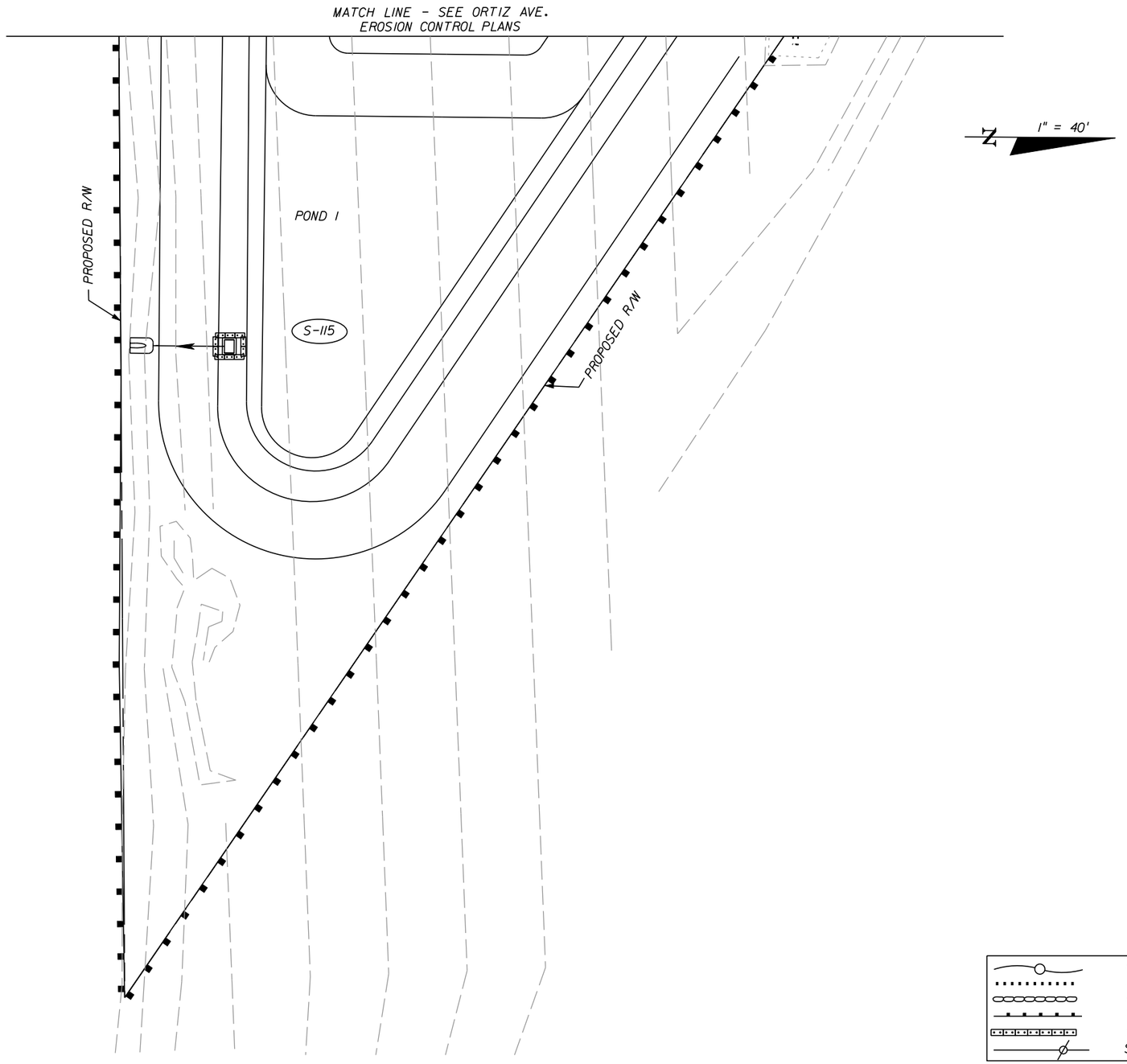
APPROVED BY:
DAWN M. RATICAN, P.E.
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# EROSION CONTROL SHEET (39)
# TICE AVENUE
## STA. 607+60.00 TO STA. 609+79.80

SHEET NO.
382

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FLOATING TURBIDITY
JURISDICTIONAL LIMITS
ROCK BAGS
STAKED SILT FENCE
SYNTHETIC BALES
STAKED TURBIDITY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |
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| | | | |

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TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

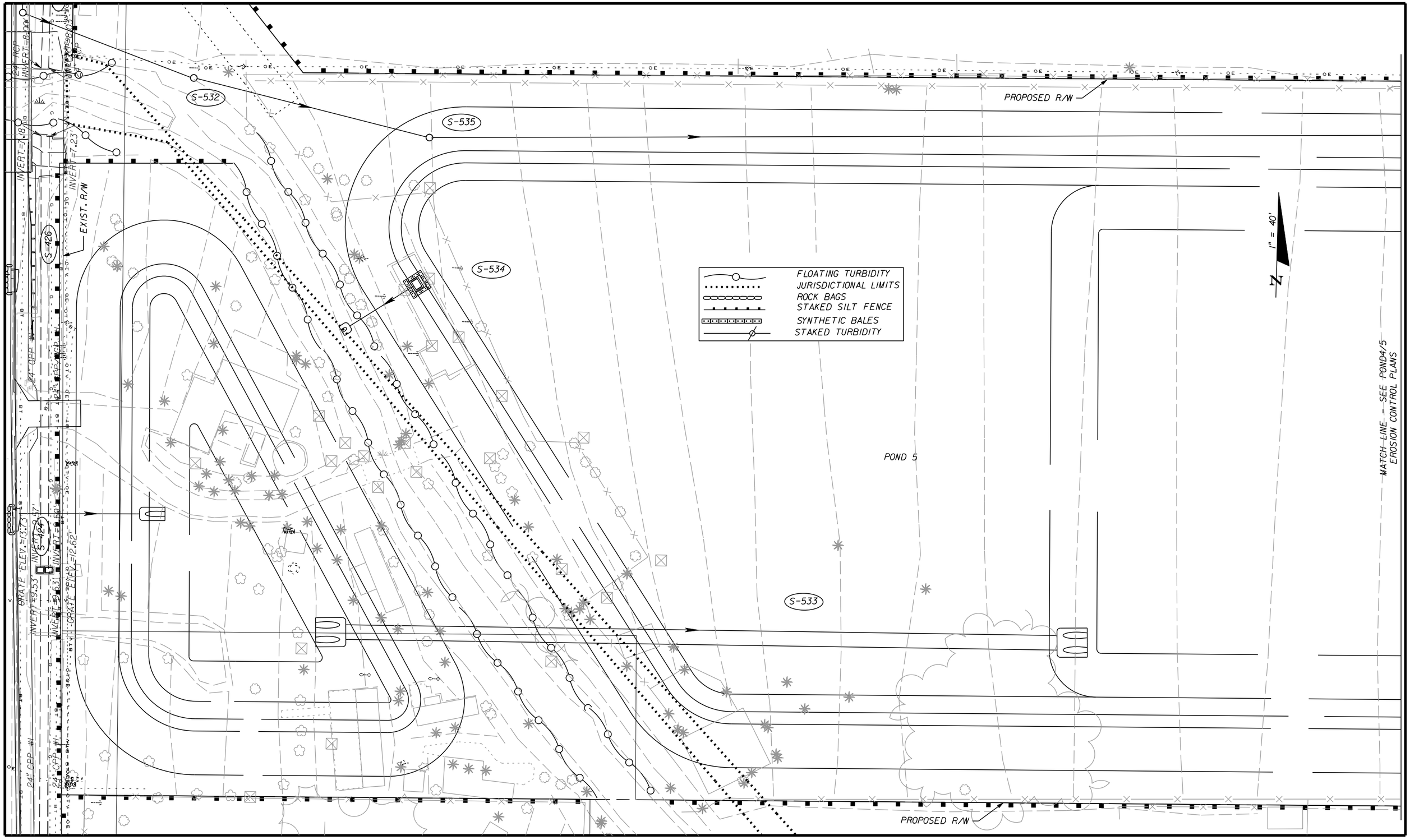
APPROVED BY:
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FLORIDA CERTIFICATE NO. 60226

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# EROSION CONTROL SHEET (40)
# ORTIZ AVENUE (CR 865)
## POND 1

SHEET NO.
383

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FLORIDA CERTIFICATE NO. 60226

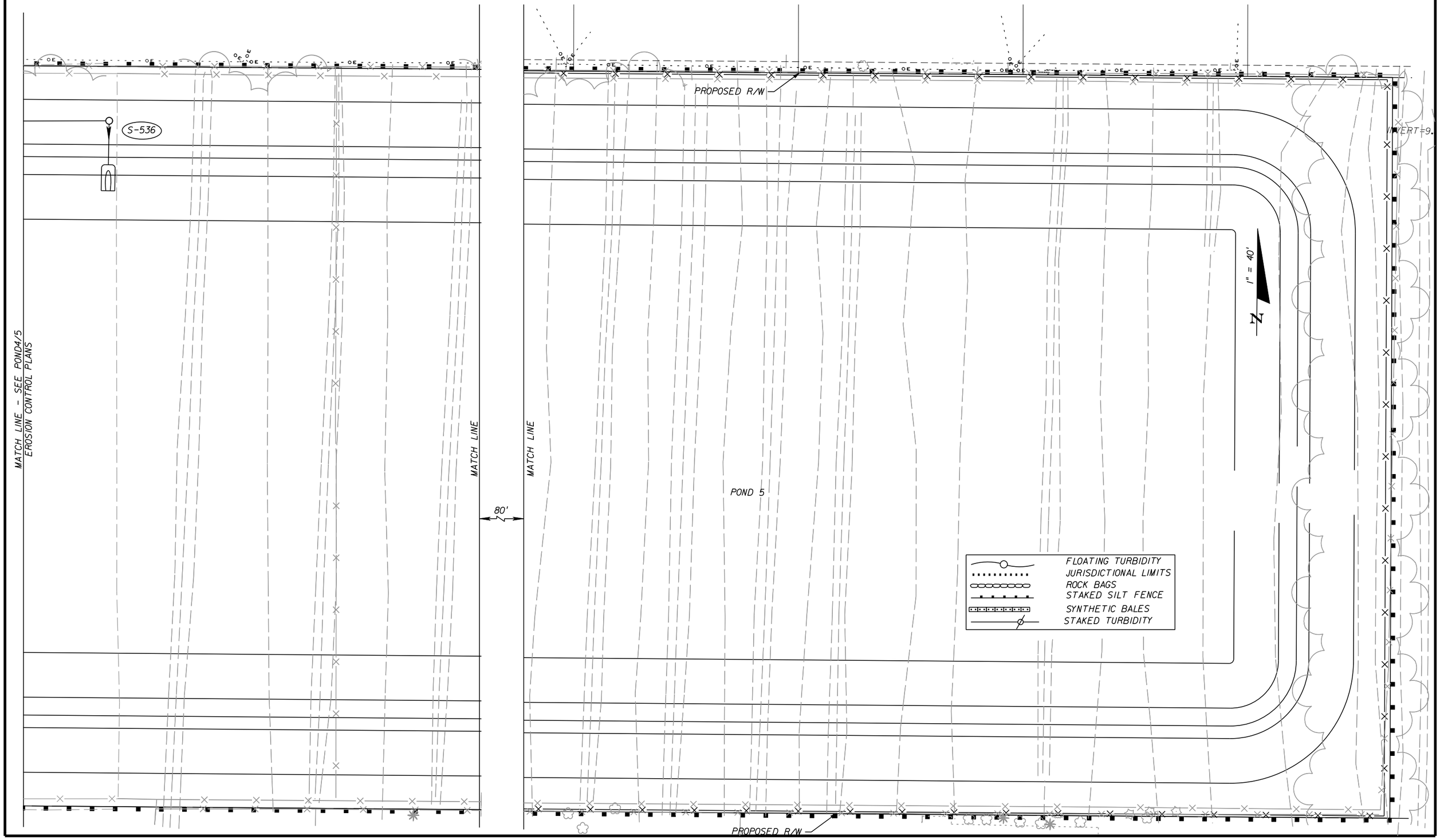

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# EROSION CONTROL SHEET (41)
# ORTIZ AVENUE (CR 865)

## POND 4/5

SHEET NO. 384

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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

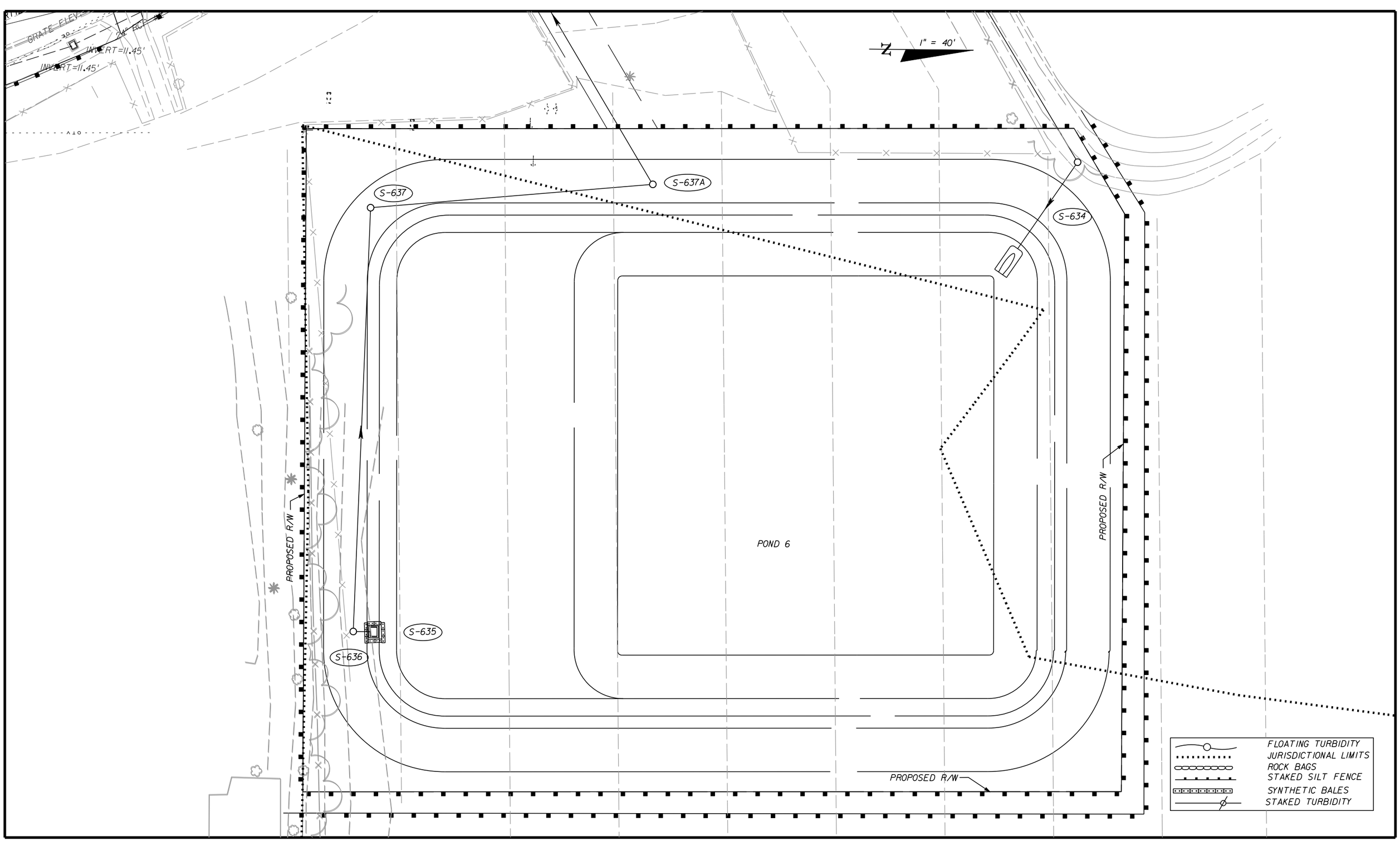

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# EROSION CONTROL SHEET (42)
# ORTIZ AVENUE (CR 865)

## POND 4/5

SHEET NO. 385

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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
DAWN M. RATICAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60226

PUBLIC WORKS
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SOUTHWEST
FLORIDA
DEPARTMENT
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# EROSION CONTROL SHEET (43)
# ORTIZ AVENUE (CR 865)
## POND 6

SHEET NO.
386

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1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFED LOCATIONS / ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

3. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) OR (811) AND UTILITY OWNERS LISTED BELOW TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

4. FOR UTILITY ADJUSTMENT SYMBOLS, SEE 2006 FDOT DESIGN STANDARDS, INDEX NO. 002.

5. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY CONTACTS PRIOR TO ANY WORK DONE.

UTILITY/AGENCY OWNERS:

| COMPANY | CONTACT | TELEPHONE NUMBERS |
|---|---|---|
| AT&T COMMUNICATIONS | MR. STEFAN ERIKSSON | (407) 578-8000 |
| CITY OF FT. MYERS | MR. ROGER ROBINSON | (239) 332-6822 |
| COMCAST | MR. MARK COOK | (239) 432-1805 |
| FLORIDA POWER & LIGHT | MR. ROY GARRISON | (239) 332-9129 |
| LEE COUNTY DOT SIGNAL DEPARTMENT | MR. JOE FOOSE | (239) 533-9524 |
| LEE COUNTY UTILITIES | MR. LUIS MOLINA | (239) 479-8181 |
| TECO PEOPLES GAS | MR. JEREMIAH JOHNSON | (239) 690-5513 |
| EMBARQ | MR. RONALD POPP | (239) 336-2162 |
| LEE COUNTY DOT TRAFFIC DEPARTMENT | MR. MIKE SAY | (239) 533-9514 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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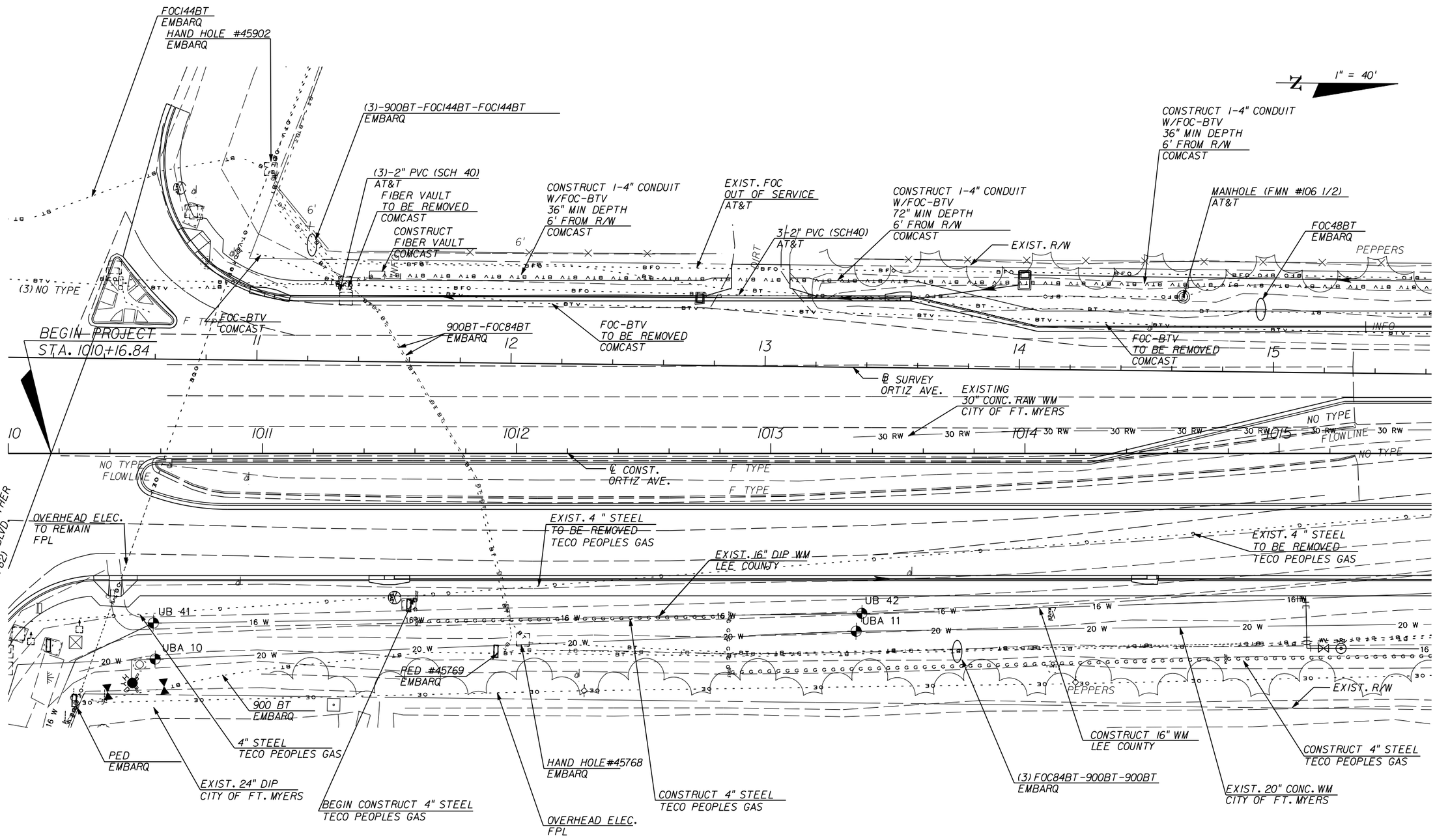
AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274

PUBLIC WORKS
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SOUTHWEST
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# UTILITY ADJUSTMENT NOTES
## ORTIZ AVENUE (CR 865)

SHEET NO. 387




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# UTILITY ADJUSTMENT SHEET (1)
# ORTIZ AVENUE (CR 865)

## STA. 1010+23.00 TO STA. 1015+60.00

SHEET NO. 388

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1" = 40'

(2) 300BT-FOC48BT
EMBARQ

(3)-2" PVC (SCH 40)
AT&T

FOC-BTV
TO BE REMOVED
COMCAST

OVERHEAD ELEC.
TO BE REMOVED
FPL

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
6' FROM PROPOSED R/W
COMCAST

PED #12297
TO BE REMOVED
EMBARQ

PED #21198
TO BE REMOVED
EMBARQ

EXIST. 30" CONC. RAW WM
CITY OF FT. MYERS
TO BE REMOVED

EXIST. MANHOLE (FMN #106)
@ MK #811
AT&T

BILLBOARD W/ LIGHTS

FOC 48BT-300BT
EMBARQ

GRAVEL

ASPHALT

DIRT

INFO

BUSINESS

16 17 18 19 20 21

℄ SURVEY
ORTIZ AVE.

EXIST.
12" CONC. WM
LEE COUNTY

EXIST. 4 " STEEL
TO BE REMOVED
TECO PEOPLES GAS

℄ CONST.
ORTIZ AVE.

300BT
TO BE REMOVED
EMBARQ

TH 23

TH 24

1016 1017 1018 1019 1020 1021

30 RW

20 W

16 W

12 W

EXIST.
16" DUCTILE IRON WM
LEE COUNTY
TO BE REMOVED

GUARDRAIL

OVERHEAD ELEC.
TO BE REMOVED
FPL

EXIST 20" DIP WM
CITY OF FT. MYERS

(2) FOC 84BT-2100BT
TO BE REMOVED
EMBARQ

OVERHEAD ELEC.
TO BE REMOVED
FPL

CONSTRUCT 16" WM
LEE COUNTY

FOC12BT-2100BT
TO BE REMOVED
EMBARQ

UBA 12

UBA 13

UBA 14

PED #40832
TO BE REMOVED
EMBARQ

EXIST. R/W

CONSTRUCT 20" WM
CITY OF FT. MYERS

CONSTRUCT FIBER VAULT
EMBARQ

OVERHEAD ELEC.
FPL

(3) FOC84BT-900BT-900BT
TO BE REMOVED
EMBARQ

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
3' FROM FENCE
EMBARQ

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
3' FROM FENCE
EMBARQ

FOC12BT-2100BT
EMBARQ

(3) FOC
84BT-900BT-900BT
EMBARQ

CONSTRUCT
OVERHEAD ELEC.
FPL

CONSTRUCT 4" STEEL
TECO PEOPLES GAS

CONSTRUCT 4" STEEL
TECO PEOPLES GAS

PROPOSED R/W

EXIST. 10" FM
CITY OF FT. MYERS

EXIST. 16" FM
CITY OF FT. MYERS

10 FM

16 FM

12 FM

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# UTILITY ADJUSTMENT SHEET (2)
# ORTIZ AVENUE (CR 865)
## STA. 1015+60.00 TO STA. 1021+20.00

SHEET NO. 389

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N

1" = 40'

CONSTRUCT 150 LF DIRECTIONAL BORE OF 30" CASING W/160 LF 16" CARRIER CITY OF FT. MYERS

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 72" MIN DEPTH 6' FROM R/W COMCAST

25BT EMBARQ

25BT 48BT 300BT EMBARQ

3-2" PVC (SCH40) AT&T

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 84" MIN DEPTH 6' FROM R/W COMCAST

CONSTRUCT 1-4" CONDUIT 36" MIN DEPTH 3' FROM PROPOSED R/W EMBARQ

EXIST. 16" DIP WM LEE COUNTY

FOC48BT TO BE REMOVED EMBARQ

OVERHEAD ELEC. TO BE REMOVED FPL

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN DEPTH 6' FROM R/W COMCAST

CONSTRUCT 16" WM CITY OF FT. MYERS

FOC 48BT TO BE REMOVED EMBARQ

PROPOSED R/W

FOC-BTV TO BE REMOVED COMCAST

EXIST. 16 FM CITY OF FT. MYERS TO BE REMOVED

CONSTRUCT FIBER VAULT EMBARQ

FOC25BT EMBARQ

PED #21202 EMBARQ

EXIST. R/W

FOC48BT,300BT EMBARQ

EXIST. 16" WM LEE COUNTY

EXIST. 16" DIP WM LEE COUNTY

300BT TO REMAIN EMBARQ

CONSTRUCT 110 LF DIRECTIONAL BORE OF 36" CASING W/120 LF 24" CARRIER HDPE AND (2) SOLID SLEEVE REPAIR COUPLING LEE COUNTY

℄ SURVEY ORTIZ AVE.

℄ CONST. ORTIZ AVE.

PED #12299 TO BE REMOVED EMBARQ

CONSTRUCT 110 LF DIRECTIONAL BORE OF 10" CASING HDPE DR-11 W/135 LF 4" CARRIER PVC C=900 CL115 LEE COUNTY

EXIST. 30' CONC. RAW WM CITY OF FT. MYERS TO BE REMOVED

4" STEEL TO BE REMOVED TECO PEOPLES GAS

EXIST. 16" FM CITY OF FT. MYERS

EXIST. 10" FM CITY OF FT. MYERS

CONSTRUCT 24" FM CITY OF FT. MYERS

CONSTRUCT 16" WM LEE COUNTY

(2) 100-OHT TO BE REMOVED EMBARQ

OVERHEAD ELEC. TO BE REMOVED FPL

CONSTRUCT 24" FM CITY OF FT. MYERS

PED #2201 TO BE REMOVED EMBARQ

300BT TO BE REMOVED EMBARQ

OVERHEAD ELEC. TO BE REMOVED FPL

EXIST. R/W

4" STEEL TO BE REMOVED TECO PEOPLES GAS

30" CONC. RAW WM CITY OF FT. MYERS

CONSTRUCT 4" STEEL TECO PEOPLES GAS

CONSTRUCT 1-4" CONDUIT 36" MIN DEPTH 3' FROM PROPOSED R/W EMBARQ

CONSTRUCT 4" STEEL TECO PEOPLES GAS

PROPOSED R/W

CONSTRUCT OVERHEAD ELEC. FPL

CONSTRUCT 24" FM CITY OF FT. MYERS

CONSTRUCT 16" WM LEE COUNTY

OVERHEAD ELEC. FPL

CONSTRUCT 1-BT 36" MIN DEPTH EMBARQ

OVERHEAD ELEC. FPL

CONSTRUCT 1-BT 36" MIN DEPTH EMBARQ

6' CHAIN LINK

ASPHALT PAR

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

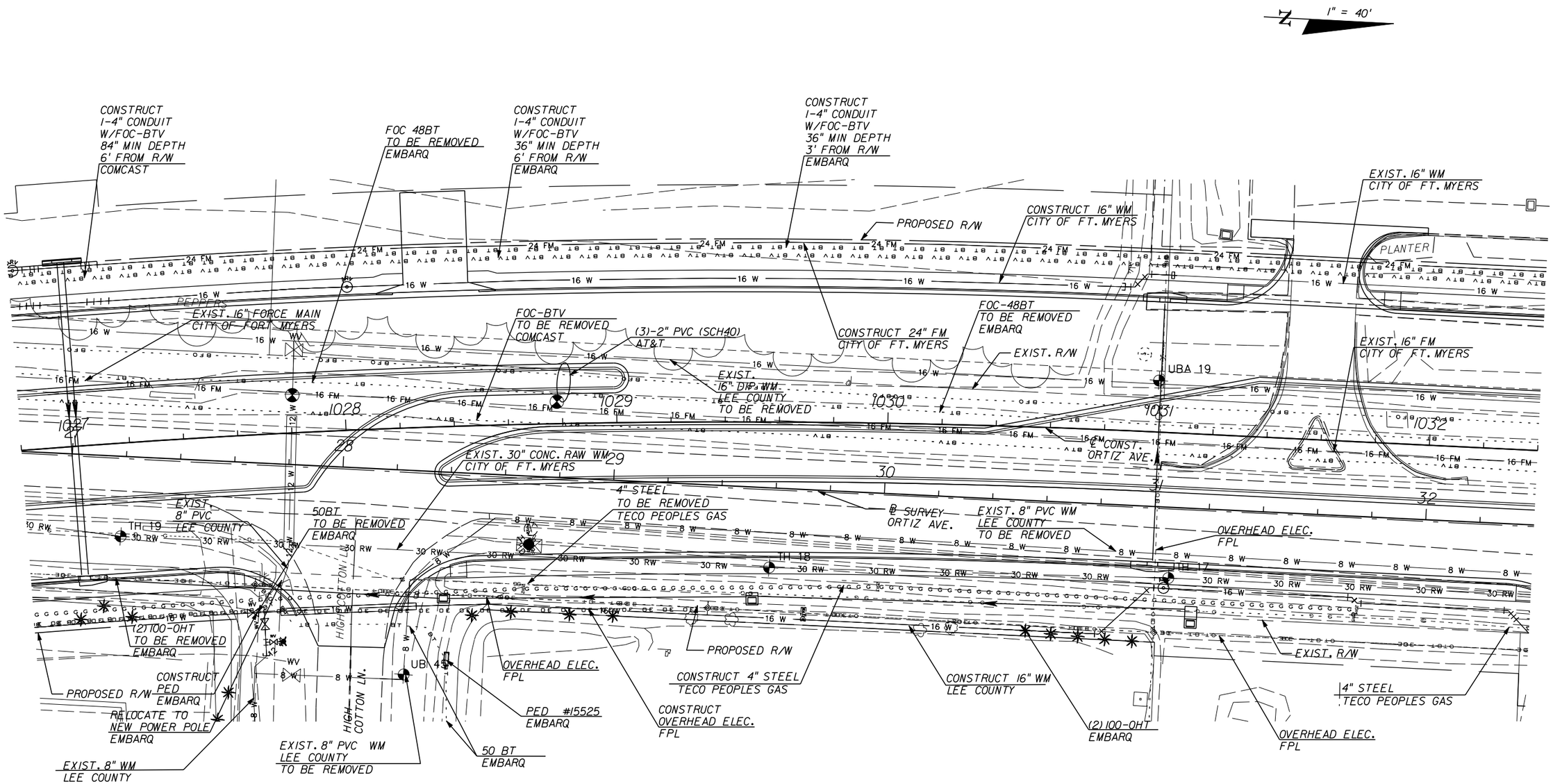

APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# UTILITY ADJUSTMENT SHEET (3)
## ORTIZ AVENUE (CR 865)
### STA. 1021+20.00 TO STA. 1026+80.00

SHEET NO. 390

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apeters

# UTILITY ADJUSTMENT SHEET (4)
## ORTIZ AVENUE (CR 865)
### STA. 1026+80.00 TO STA. 1032+40.00

SHEET NO. 391

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1" = 40'

CONSTRUCT 24" FM
CITY OF FT. MYERS

EXIST. 16" WM
CITY OF FT. MYERS

FOC-48BT
TO BE REMOVED
EMBARQ

EXIST.
16" DIP WM
LEE COUNTY
TO BE REMOVED

3-2" PVC (SCH40)
AT&T

CONSTRUCT
1-4" CONDUIT
36" MIN. DEPTH
3' FROM R/W
EMBARQ

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN. DEPTH
6' FROM R/W
COMCAST

FOC-48BT
TO REMAIN
EMBARQ

EXIST.
16" DIP WM
CITY OF FT. MYERS
TO BE REMOVED

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
96" MIN. DEPTH
COMCAST

CONSTRUCT
FIBER VAULT
COMCAST

FOC-48BT
TO BE REMOVED
EMBARQ

HAND HOLE
TO BE REMOVED
EMBARQ

LAREDO AVE.

PROPOSED R/W

CONSTRUCT 24" FM
CITY OF FT. MYERS

FOC-BTV
TO BE REMOVED
COMCAST

℄ CONST.
ORTIZ AVE.

FIBER VAULT
TO BE REMOVED
COMCAST

EXIST.12" HDPE WM
W/20" HDPE CASING
CITY OF FT. MYERS
TO BE REMOVED

50 BT
TO BE REMOVED
EMBARQ

1033 1034 1035 1036 1037 1038

33 34 35 36 37 38

ORTIZ

EXIST. 16" FORCE MAIN
CITY OF FT. MYERS
TO BE REMOVED

EXIST. 8" PVC WM
LEE COUNTY

OVERHEAD ELEC.
FPL

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS

℄ SURVEY
ORTIZ AVE.

CONSTRUCT 16" WM
LEE COUNTY

BEGIN CONSTRUCT 4" STEEL
TECO PEOPLES GAS

PED #18392
TO BE REMOVED
EMBARQ

EXIST.12" PVC WM
CITY OF FT. MYERS
TO BE REMOVED

KIVA LN

EXIST. R/W

25BT RISER
EMBARQ

EXIST. 4" STEEL
TECO PEOPLES GAS

OVERHEAD ELEC.
FPL

CONCRETE

EXIST. 4 " STEEL
TO BE REMOVED
TECO PEOPLES GAS

50 BT
TO BE REMOVED
EMBARQ

PED #18393
TO BE REMOVED
EMBARQ

LAREDO AVE.

PROPOSED R/W

(2) 100-OHT
EMBARQ

CONSTRUCT 16" WM
LEE COUNTY

25BT
EMBARQ

25BT-100BT
TO BE REMOVED
EMBARQ

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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FLORIDA
DEPARTMENT
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# UTILITY ADJUSTMENT SHEET (5)
# ORTIZ AVENUE (CR 865)
## STA. 1032+40.00 TO STA. 1038+00.00

SHEET NO.
392

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1" = 40'

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
96" MIN. DEPTH
COMCAST

CONSTRUCT 16" WM
CITY OF FT. MYERS

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN. DEPTH
COMCAST

CONSTRUCT 24" FM
CITY OF FT. MYERS

PROPOSED
DRAINAGE
EASEMENT

PROPOSED R/W

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
3' FROM R/W
EMBARQ

EXIST. 16" FM
CITY OF FT. MYERS
TO BE REMOVED

50BT
TO BE REMOVED
EMBARQ

8" HDPE FM
TO BE RELOCATED
CITY OF FT. MYERS

(3)-2" PVC (SCH40)
AT&T

EXIST.
16" DUCTILE IRON WM
LEE COUNTY
TO BE REMOVED

FOC-BTV
TO BE REMOVED
COMCAST

50BT
TO BE REMOVED
EMBARQ

1038 1039 1040 1041 1042 1043

38 39 40 41 42 43

CONSTRUCT 4" STEEL
TECO PEOPLES GAS

CONSTRUCT
1-4" CONDUIT
84" MIN. DEPTH
EMBARQ

ORTIZ

℄ SURVEY
ORTIZ AVE.

4" STEEL
TECO PEOPLES GAS

TH 16

LAREDO AVE.

FOC-BTV
TO BE REMOVED
COMCAST

CONSTRUCT
1-BT
5' OFF R/W
EMBARQ

EXIST. 4" STEEL
TO BE REMOVED
TECO PEOPLES GAS

EXIST.
OVERHEAD ELEC.
FPL

CONSTRUCT 16" WM
LEE COUNTY

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS
TO BE REMOVED

EXIST. RAW

4" STEEL
TECO PEOPLES GAS

CONSTRUCT
1-BT
5' OFF R/W
EMBARQ

LAREDO AVE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


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PUBLIC WORKS
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DEPARTMENT
of
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# UTILITY ADJUSTMENT SHEET (6)
## ORTIZ AVENUE (CR 865)
### STA. 1038+00.00 TO STA. 1043+60.00

SHEET NO. 393

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1" = 40'

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN. DEPTH COMCAST

CONSTRUCT 1-BT 36' MIN. DEPTH 3' OFF R/W EMBARQ

EXIST. 16" DIP WM LEE COUNTY TO BE REMOVED

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN. DEPTH COMCAST

OVERHEAD ELEC. FPL

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN. DEPTH COMCAST

50BT TO BE REMOVED EMBARQ

PED #18396 TO BE REMOVED EMBARQ

25BT TO BE REMOVED EMBARQ

CONSTRUCT 24" FM CITY OF FT. MYERS

70C-BTV TO BE REMOVED COMCAST

PROPOSED R/W

CONSTRUCT PEDESTAL EMBARQ

CONSTRUCT 24" WM CITY OF FT. MYERS

ASPHALT

6' W/ 3 STRANDS BARBED WIRE

6' W/ 3 STRANDS BARBED WIRE

5 STRAND

OVERHEAD ELEC. TO BE REMOVED FPL

℄ CONST. ORTIZ AVE.

3-2" PVC (SCH40) AT&T

CONSTRUCT 16" WM CITY OF FT. MYERS

PED #18399 TO BE REMOVED EMBARQ

EXIST. 16" WM LEE COUNTY

DIRT

1044 1045 1046 1047 1048 1049

44 45 46 47 48 49

ORTIZ AV.

16" FORCE MAIN CITY OF FT. MYERS TO BE REMOVED

℄ SURVEY ORTIZ AVE.

EXIST. R/W

PEPPERS

OVERHEAD ELEC. FPL

CONSTRUCT 16" WM LEE COUNTY

EXIST. 30" CONC. RAW WM CITY OF FT. MYERS TO BE REMOVED

4" STEEL TECO PEOPLES GAS

OVERHEAD ELEC. FPL

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| | | | |


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SOUTHWEST FLORIDA
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# UTILITY ADJUSTMENT SHEET (7)
## ORTIZ AVENUE (CR 865)
### STA. 1043+60.00 TO STA. 1049+20.00

SHEET NO. 394


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1" = 40'

OVERHEAD ELEC.
FPL

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
60" MIN. DEPTH
COMCAST

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN. DEPTH
COMCAST

OHTV
COMCAST

EXIST.
HAND HOLE
COMCAST

CONSTRUCT 16" WM
CITY OF FT. MYERS

CONSTRUCT 24" FM
CITY OF FT. MYERS

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN. DEPTH
COMCAST

EXIST.
MANHOLE (FMN #105)
MK #804
AT&T

PROPOSED R/W

E. MICHIGAN AVE.
MICHIGAN AVE.

(3)-2" PVC (SCH40)
AT&T

℄ CONST.
ORTIZ AVE.

FOC-BTV
TO BE REMOVED
COMCAST

EXIST. 16" FM
CITY OF FT. MYERS
TO BE REMOVED

EXIST. 16" DUCTILE IRON WM
LEE COUNTY
TO BE REMOVED

1050 1051 1052 1053 1054

50 51 52 53 54

200BT
TO BE REMOVED
EMBARQ

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS

℄ SURVEY
ORTIZ AVE.

100BT
TO BE REMOVED
EMBARQ

OVERHEAD ELEC.
FPL

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS
TO BE REMOVED

100BT
EMBARQ

CONSTRUCT
1-4" CONDUIT
48" MIN DEPTH
EMBARQ

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
3' FROM PROPOSED R/W
EMBARQ

CONSTRUCT 16" WM
LEE COUNTY

4" STEEL
TECO PEOPLES GAS

EXIST. R/W

PEPPERS & PALMS
PED #21354
EMBARQ

20BT
EMBARQ

OVERHEAD ELEC.
FPL

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FORT MYERS, FLORIDA 33901


# UTILITY ADJUSTMENT SHEET (8)
## ORTIZ AVENUE (CR 865)
### STA. 1049+20.00 TO STA. 1054+80.00

SHEET NO.
395


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1" = 40'

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN. DEPTH COMCAST

PLACE POWER POLE W/GUY WIRE FPL

CONSTRUCT 16" WM CITY OF FT. MYERS

PROPOSED R/W

CONSTRUCT 24" FM CITY OF FT. MYERS

EXIST. 16" DIP WM LEE COUNTY TO BE REMOVED

FOC-BTV TO BE REMOVED COMCAST

CONSTRUCT OVERHEAD ELEC. FPL

℄ CONST. ORTIZ AVE.

3-2" PVC (SCH40) TO REMAIN AT&T

EXIST. 16" WM LEE COUNTY

PEPPERS & OAKS

DIRT

ORTIZ AV.

℄ SURVEY ORTIZ AVE.

16" FORCE MAIN CITY OF FT. MYERS TO BE REMOVED

OVERHEAD ELEC. TO REMAIN FPL

OVERHEAD ELEC. TO BE REMOVED FPL

INFO

CONSTRUCT 16" WM LEE COUNTY

BEGIN CONSTRUCT 4" STEEL TECO PEOPLES GAS

EXIST. R/W

OVERHEAD ELEC. TO REMAIN FPL

4" STEEL TO REMAIN TECO PEOPLES GAS

200BT TO REMAIN EMBARQ

EXIST. 30" CONC. RAW WM CITY OF FT. MYERS TO BE REMOVED

PED #21562 TO REMAIN EMBARQ

OVERHEAD ELEC. TO REMAIN FPL

4 " STEEL TO BE REMOVED TECO PEOPLES GAS

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# UTILITY ADJUSTMENT SHEET (9)
# ORTIZ AVENUE (CR 865)
## STA. 1054+80.00 TO STA. 1060+40.00

SHEET NO. 396

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1" = 40'

CONSTRUCT 24" FM
CITY OF FT. MYERS

EXIST. 16" FM
CITY OF FT. MYERS

CONSTRUCT 16" WM
CITY OF FT. MYERS

CONSTRUCT 24" WM
CITY OF FT. MYERS

PROPOSED R/W

EXIST.8" DIP FM
TO BE REMOVED
LEE COUNTY

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
96" MIN DEPTH
COMCAST

BALLARD RD.

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN DEPTH
COMCAST

CONST. FO VAULT
COMCAST

OVERHEAD ELEC.
FPL

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
84" MIN DEPTH
COMCAST

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN DEPTH
COMCAST

CONSTRUCT 30" FM
LEE COUNTY

CONSTRUCT 12" WM
CITY OF FT. MYERS

EXIST.
16" DUCTILE IRON WM
LEE COUNTY

24" FM
LEE COUNTY

EXIST.
HAND HOLE
COMCAST

4X4 ALUM.
WSTP COVER

EXIST.
FORCE MAIN
LEE COUNTY
TO BE
REMOVED

PROPOSED R/W

FOR DIRECTION ONLY
RUNS BEYOND LIMITS OF PROJECT

EXIST.
16" DUCTILE IRON WM
LEE COUNTY
TO BE REMOVED

EXIST. R/W

FOC-BTV
TO BE REMOVED
COMCAST

℄ CONST.
ORTIZ AVE.

OVERHEAD ELEC.
TO BE REMOVED
FPL

(3)-2" PVC (SCH40)
AT&T

8" FM
LEE COUNTY

CONST. 8" WM
LEE COUNTY
WITH LIGHT

8" DIP WM
LEE COUNTY

600 BT
TO BE REMOVED
EMBARQ

EXIST.
8" PVC SAN SEWER
LEE COUNTY
TO REMAIN

INVERT=17.54

INVERT=9.14

INVERT=8.97

EXIST.
OVERHEAD ELEC.
FPL

CONSTRUCT
BURIED ELEC.
FPL

CONSTRUCT 4" STEEL
TECO PEOPLES GAS

B SURVEY
ORTIZ AVE.

EXIST. 16" FM
CITY OF FT. MYERS
TO BE REMOVED

CONST. PED
EMBARQ

OVERHEAD ELEC.
TO BE REMOVED
FPL

PED #92587
TO BE REMOVED
EMBARQ

600 BT
TO BE REMOVED
EMBARQ

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS

TELEPHONE

PED #2586
TO BE REMOVED
EMBARQ

EXIST. R/W

CONSTRUCT 16" WM
LEE COUNTY

OVERHEAD ELEC.
FPL

EXIST.2" PE GAS SERV.
TECO PEOPLES GAS

PED #12891
EMBARQ

EXIST. OVERHEAD ELEC.
FPL

PED #12888
EMBARQ

4 " STEEL
TO BE REMOVED
TECO PEOPLES GAS

CONSTRUCT
BURIED ELEC.
FPL

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
FROM R/W
EMBARQ

CONSTRUCT
1-4" CONDUIT
48" MIN DEPTH
EMBARQ

EXIST. FM
LEE COUNTY
TO BE REMOVED

CONSTRUCT 4" STEEL
TECO PEOPLES GAS

(2)-50 OHT
TO BE REMOVED
EMBARQ

PROPOSED
R/W

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
3' FROM R/W
EMBARQ

BURIED ELEC.
TO BE REMOVED
FPL

CONSTRUCT
1-4" CONDUIT
48" MIN DEPTH
EMBARQ

S. GALAXY DR.

CONSTRUCT
OVERHEAD ELEC.
FPL

PROPOSED R/W

OVERHEAD ELEC.
FPL

CONSTRUCT
1-4" CONDUIT
36" MIN DEPTH
3' FROM R/W
EMBARQ

EXIST. 8" DUCTILE IRON WM
LEE COUNTY (TO BE REMOVED)

OVERHEAD ELEC.
TO BE REMOVED
FPL

EXIST.
10" PVC SDR-35 SAN
LEE COUNTY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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# UTILITY ADJUSTMENT SHEET (10)
## ORTIZ AVENUE (CR 865)
### STA. 1060+40.00 TO STA. 1066+00.00

SHEET NO. 397

1" = 40'

PROPOSED R/W

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN. DEPTH COMCAST

FOC-BTV TO BE REMOVED COMCAST

EXIST. 30" FORCE MAIN LEE COUNTY

ABANDONED 6" WM LEE COUNTY TO BE REMOVED

EXIST. 16" DIP WM LEE COUNTY TO BE REMOVED

EXIST. R/W

CONSTRUCT 12" WM CITY OF FT. MYERS

COAX-OHTV TO REMAIN COMCAST

CONSTRUCT 1-4" CONDUIT W/FOC-BTV 36" MIN. DEPTH COMCAST

OVERHEAD ELEC. TO REMAIN FPL

FOC-BTV TO BE REMOVED COMCAST

(3)-2" PVC (SCH40) TO REMAIN AT&T

PROPOSED R/W

6" ABANDONED WM LEE COUNTY TO BE REMOVED

EXIST. 8" PVC SDR-35 SAN LEE COUNTY

CONSTRUCT 30" FM LEE COUNTY

30" CONC. RW MAIN CITY OF FT. MYERS

℄ SURVEY ORTIZ AVE.

EXIST. 8" PVC SDR-35 SAN LEE COUNTY TO REMAIN

600 BT TO BE REMOVED EMBARQ

2" PVC WM LEE COUNTY TO BE REMOVED

EXIST. 4" STEEL TECO PEOPLES GAS

EXIST. 8" PVC SDR-35 SAN LEE COUNTY TO REMAIN

TH 12

TH 11

EXIST. 10" PVC SAN SEWER TH 10 LEE COUNTY

OVERHEAD ELEC. TO BE REMOVED FPL

PEPPERS & PAPER TREES

EXIST. 10" PVC SAN SEWER LEE COUNTY

℄ CONST. ORTIZ AVE.

EXIST. 4" STEEL TO BE REMOVED TECO PEOPLES GAS

OVERHEAD ELEC. TO BE REMOVED FPL

CONSTRUCT OVERHEAD ELEC. FPL

CONSTRUCT 16" WM LEE COUNTY

COAX-OHTV TO BE REMOVED COMCAST

PED #2657
PED #16932
TO BE REMOVED EMBARQ

CONSTRUCT 4" CONDUIT 48" MIN. DEPTH EMBARQ

EXIST. 4" STEEL TO BE REMOVED TECO PEOPLES GAS

EXIST. R/W

PROPOSED R/W

CONSTRUCT 4" STEEL TECO PEOPLES GAS

CONSTRUCT 1-BT 36' MIN. DEPTH 3' OFF R/W EMBARQ

CONSTRUCT 1-4" CONDUIT 96" MIN. DEPTH EMBARQ

2" PVC WM LEE COUNTY TO BE REMOVED

PROPOSED R/W FINISHED FLOOR ELEV. 19.79'

CONSTRUCT 1-BT 36' MIN. DEPTH 3' OFF R/W EMBARQ

EXIST. 10" PVC SDR-35 SAN LEE COUNTY

COAX-OHTV TO REMAIN COMCAST

EXIST. 30" CONC. RAW WM CITY OF FT. MYERS TO BE REMOVED

PED #2693 TO BE REMOVED EMBARQ

100 OHT TO BE REMOVED EMBARQ

EXIST. 8" PVC SDR-35 SAN LEE COUNTY

50-BT 100-BT TO BE REMOVED EMBARQ

LCU 2" WM TO REMAIN

CONSTRUCT PED EMBARQ

CONSTRUCT 1-OHTV ON NEW POLES COMCAST

CONSTRUCT 4" STEEL TECO PEOPLES GAS

CONSTRUCT 1-4" CONDUIT 36" MIN. DEPTH EMBARQ

N. GALAXY DR.

MARS ST.

MOBILE HOME

FINISHED FLOOR ELEV.=23.4

PORCH

ROCK

DIRT

ASPHALT

UB 46 UB 47 UB 48 UB 49

1066 1067 1068 1069 1070 1071

66 67 68 69 70 71

INFORMATION

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AIM Engineering & Surveying, Inc.
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TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

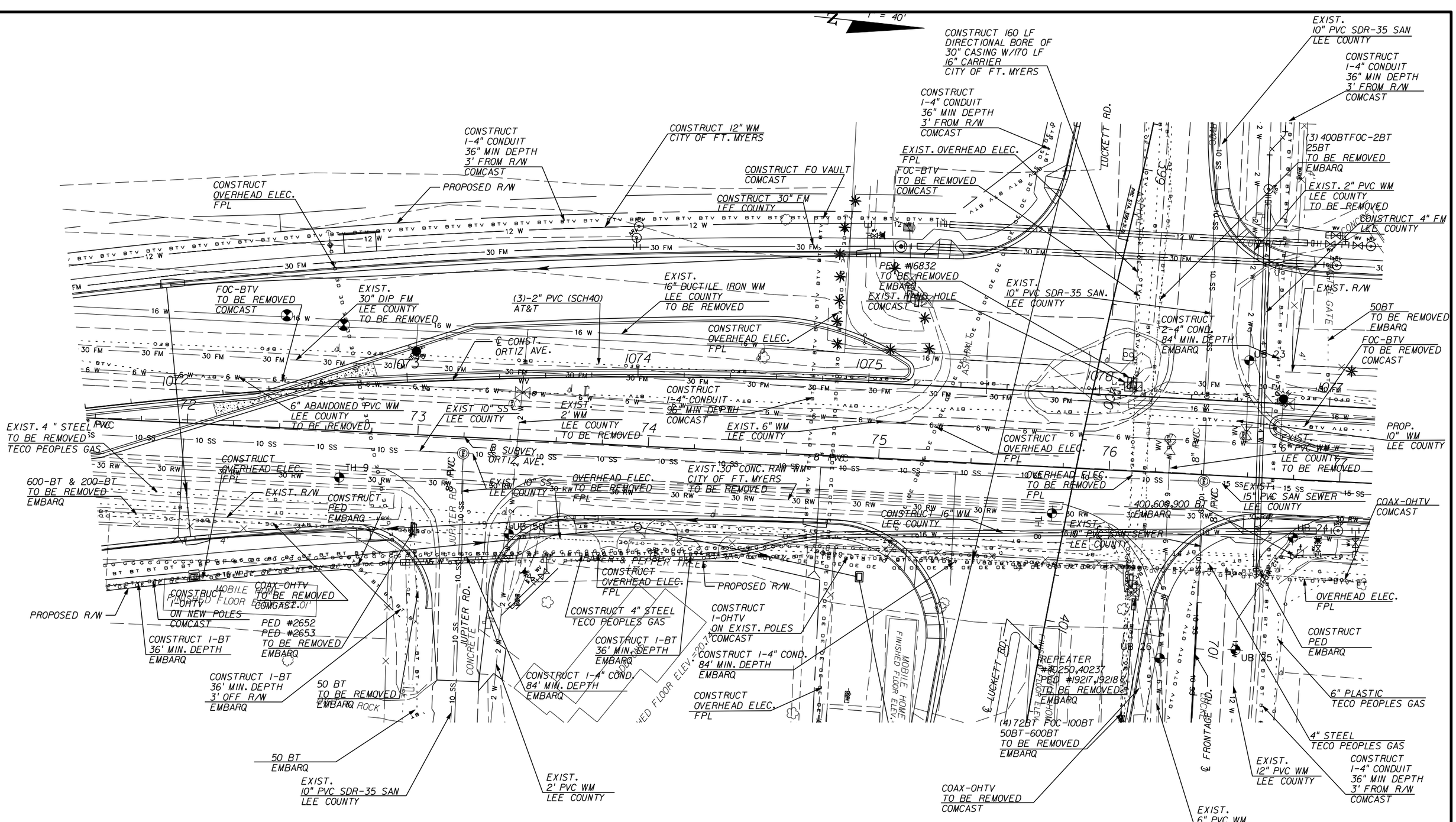
APPROVED BY:
SHAWN D. SWETS, P.E.
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PUBLIC WORKS
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FORT MYERS, FLORIDA 33901

# UTILITY ADJUSTMENT SHEET (11)
## ORTIZ AVENUE (CR 865)
### STA. 1066+00.00 TO STA. 1071+60.00

SHEET NO. 398

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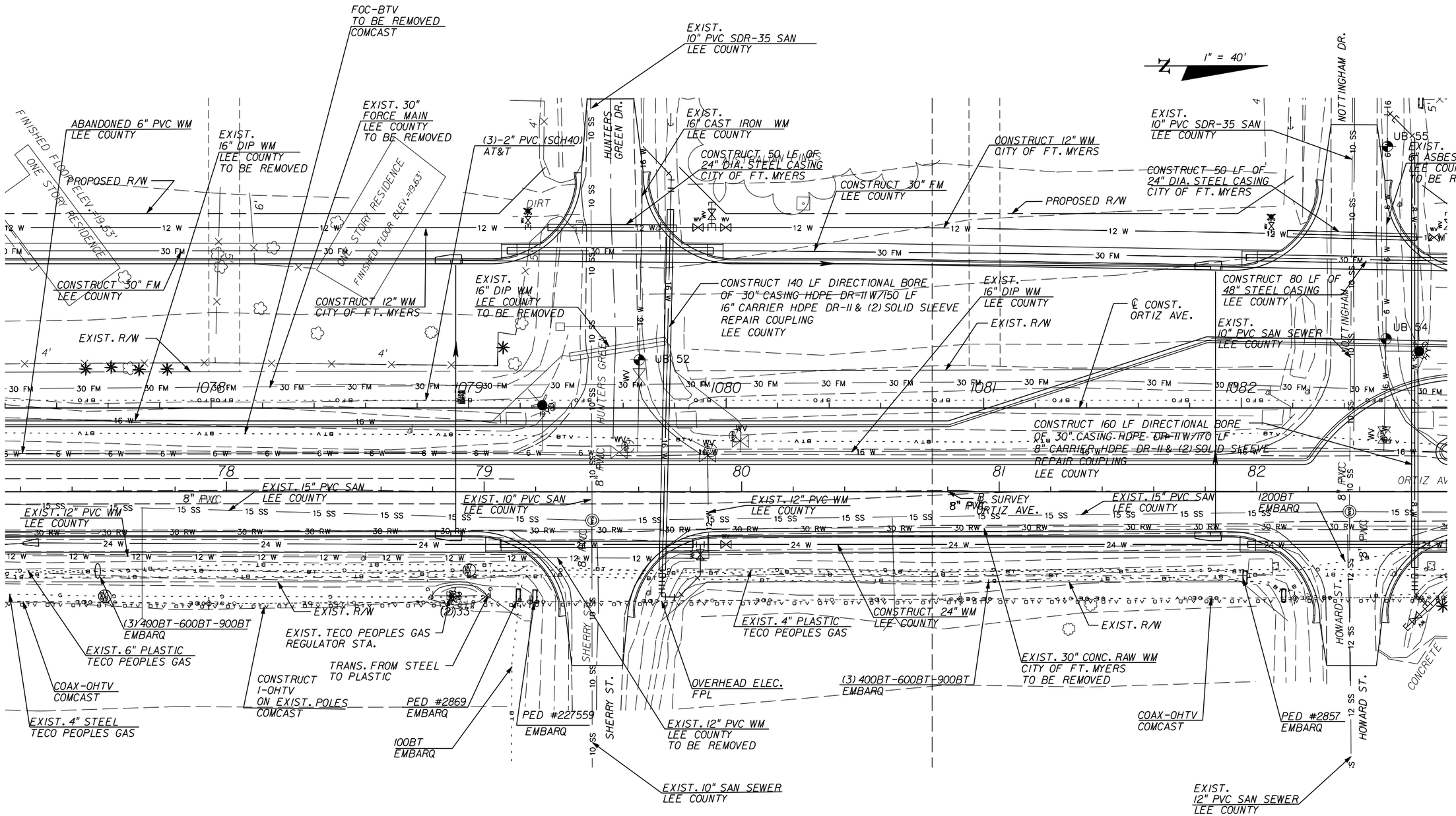

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# UTILITY ADJUSTMENT SHEET (12)
## ORTIZ AVENUE (CR 865)
### STA. 1071+60.00 TO STA. 1077+20.00

SHEET NO. 399




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# UTILITY ADJUSTMENT SHEET (13)
## ORTIZ AVENUE (CR 865)
### STA. 1077+20.00 TO STA. 1082+80.00

SHEET NO.
400

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N

1" = 40'

CONSTRUCT 12" WM
CITY OF FT. MYERS

PROPOSED R/W

COAX-OHTV
COMCAST

CONSTRUCT 30" FM
LEE COUNTY

EXIST.
HAND HOLE
COMCAST

EXIST.
8" PVC SAN SEWER
LEE COUNTY

EXIST.
16" DUCTILE IRON WM
LEE COUNTY

EXIST. 30" DIP FM
LEE COUNTY
TO BE REMOVED

(3)-2" PVC (SCH40)
AT&T

FOC-BTV
TO BE REMOVED
COMCAST

MAJORCA PALMS DRIVE

℄ CONST.
ORTIZ AVE.

℄ SURVEY
ORTIZ AVE.

BT
ADJUST 5' EAST
DURING CONST.
EMBARQ

EXIST. 15" PVC SAN
LEE COUNTY
TO REMAIN

ASPHALT

CONCRETE CHURCH SIGN

1200BT
EMBARQ

OVERHEAD ELEC.
FPL

(3)1200BT-200BT-400BT
EMBARQ

ONE STORY RESIDENTIAL
FINISHED FLOOR ELEV. 19.40'

COAX-OHTV
COMCAST

PED #13166
EMBARQ

EXIST.
OVERHEAD ELEC.
FPL

EXIST. R/W

200,400,
1200BT
EMBARQ

4" PLASTIC
TECO PEOPLES GAS

CONSTRUCT I-OHTV
ON EXIST. POLES
COMCAST

BURIED ELEC.
FPL

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS
TO BE REMOVED

CONSTRUCT 24" WM
LEE COUNTY

OVERHEAD ELEC.
FPL

EXIST.
15" PVC SAN SEWER
LEE COUNTY

ORTIZ

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# UTILITY ADJUSTMENT SHEET (14)
## ORTIZ AVENUE (CR 865)
### STA. 1082+80.00 TO STA. 1088+40.00

SHEET NO.
401

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1" = 40'

EXIST. MANHOLE (FMN #104)
@ MK 795
AT&T

CONSTRUCT 110 LF DIRECTIONAL BORE
OF 3" CASING HDPE DR-11 W/135 LF
1" POLYTUBE WATER SERVICE
LEE COUNTY

FOC-BTV
TO BE REMOVED
COMCAST

CONSTRUCT 110 LF DIRECTIONAL BORE
OF 24" CASING W/120 LF
12" CARRIER PVC DR-25 AND (2)
SOLID SLEEVE REPAIR COUPLING
LEE COUNTY

CONSTRUCT 30" FM
LEE COUNTY

PROPOSED R/W

COAX-OHTV
COMCAST

EXIST. 30" DIP FM
LEE COUNTY
TO BE REMOVED

EXIST.
16" DIP WM
LEE COUNTY
TO BE REMOVED

CONSTRUCT
OVERHEAD ELEC.
FPL

℄ CONST.
ORTIZ AVE.

(3)-2" PVC (SCH40)
TO REMAIN
AT&T

OVERHEAD ELEC.
FPL

EXIST.
12" DIP FM
LEE COUNTY
TO BE REMOVED

EXIST. 8" PVC SAN SEWER
LEE COUNTY

EXIST. 15" PVC SAN
LEE COUNTY

℄ SURVEY
ORTIZ AVE.

BT
ADJUST 5' EAST
DURING CONSTRUCT
EMBARQ

CONST. 12" FM
LEE COUNTY

EXIST. 8" PVC SAN SEWER
ORTIZ AVE LEE COUNTY

1200BT
EMBARQ

BT
ADJUST 5' EAST
DURING CONSTRUCT
EMBARQ

OVERHEAD ELEC.
FPL

CONSTRUCT
1-OHTV
ON EXIST. POLES
COMCAST

CONSTRUCT 24" WM
LEE COUNTY

EXIST. 4" PLASTIC
TECO PEOPLES GAS

OVERHEAD ELEC.
FPL

PED #13143
EMBARQ

COAX-OHTV
COMCAST

EXIST. R/W

OVERHEAD ELEC.
FPL

EXIST.
30" CONC. RAW WM
CITY OF FT. MYERS

(3) 1200BT-200BT-400BT
EMBARQ

PED #13115
EMBARQ

NOTE: RECONNECT EXISTING
WATER SERVICE LINE FROM
EXISTING PUMP STATION METER
TO NEW WATER MAIN.

COAX-OHTV
COMCAST

COAX-OHTV
COMCAST

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# UTILITY ADJUSTMENT SHEET (15)
## ORTIZ AVENUE (CR 865)
### STA. 1088+40.00 TO STA. 1094+00.00

SHEET NO.
402

1" = 40'

EXIST. OVERHEAD ELEC. FPL

FINISH FLOOR ELEV.

PROPOSED R/W

CONSTRUCT 30" FM LEE COUNTY

EXIST. 16" DUCTILE IRON WM LEE COUNTY (TO BE REMOVED)

EXIST. FORCE MAIN LEE COUNTY

BURIED ELEC. FPL

℄ CONST. ORTIZ AVE.

(3)-2" PVC (SCH40) TO REMAIN AT&T

EXIST. 30" DIP FM LEE COUNTY TO BE REMOVED

PALMS & PEPPERS

EXIST. 6" ASBESTOS CONC. WM LEE COUNTY (TO BE REMOVED)

BT ADJUST 5' EAST DURING CONST. EMBARQ

EXIST. 8" PVC SDR-35 SAN LEE COUNTY

FOC-BTV TO BE REMOVED COMCAST

EXIST. 8" PVC SS LEE COUNTY

℄ SURVEY ORTIZ AVE.

1200BT EMBARQ

ORTIZ AVE.

BT ADJUST 5' EAST DURING CONST. EMBARQ

EXIST. 2" PVC WM LEE COUNTY TO BE REMOVED

EXIST. 30" CONC. RAW WM CITY OF FT. MYERS

BT ADJUST 5' EAST DURING CONST. EMBARQ

8" PVC

CONSTRUCT 1-OHTV ON EXIST. POLES COMCAST

EXIST. R/W

COAX-OHTV COMCAST

4" PLASTIC TECO PEOPLES GAS

PED #12997 EMBARQ

(3) 1200BT-300BT-400BT EMBARQ

OVERHEAD ELEC. FPL

COAX-OHTV COMCAST

25BT EMBARQ

PROPOSED 24" WM LEE COUNTY

ONE STORY CBS RESIDENTIAL FINISHED FLOOR ELEV.=17.15

EXIST. 2" PVC WM LEE COUNTY

300, 400BT EMBARQ

OVERHEAD ELEC. FPL

COAX-OHTV COMCAST

PED #13114 EMBARQ

BILLY'S CREEK DR.

GARY DR.

CONCRETE

EXIST. 10" PVC SDR-35 SAN LEE COUNTY

EXIST. 6" ASBESTOS CONC. WM LEE COUNTY

EXIST. 10" PVC SDR-35 SAN LEE COUNTY

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AIM Engineering & Surveying, Inc.
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# UTILITY ADJUSTMENT SHEET (16)
# ORTIZ AVENUE (CR 865)

## STA. 1094+00.00 TO STA. 1099+60.00

SHEET NO. 403

1" = 40'

EXIST. OVERHEAD ELEC. FPL
CONSTRUCT 30" FM LEE COUNTY
FOC-BTV TO BE REMOVED COMCAST
PROPOSED R/W
COAX-OHTV COMCAST
CONSTRUCT OVERHEAD ELEC. FPL
PED #I3010 EMBARQ
25BT EMBARQ
EXIST. 16" DIP WM LEE COUNTY
EXIST. 30" DIP FM LEE COUNTY TO BE REMOVED
(3)-2" PVC (SCH40) AT&T
OVERHEAD ELEC. FPL
EXIST. 6" ASBESTOS CONCRETE WM LEE COUNTY TO BE REMOVED
℄ CONST. ORTIZ AVE.
℄ SURVEY ORTIZ AVE.
EXIST. 8" PVC SDR-35 SAN LEE COUNTY
EXIST. 8" PVC SAN SEWER LEE COUNTY
EXIST. 30" CONC. RAW WM CITY OF FT. MYERS
EXIST. 6" PVC WM LEE COUNTY TO BE REMOVED
900BT,400BT EMBARQ
PED #I3005 EMBARQ
BT ADJUST 5' EAST DURING CONSTRUCT EMBARQ
CONSTRUCT I-OHTV ON EXIST. POLES COMCAST
300BT,400BT EMBARQ
OVERHEAD ELEC. FPL
BILLY'S CREEK
UB 60
UB 61
EXIST. 4" PLASTIC TECO PEOPLES GAS
(3)1200BT-300BT-400BT EMBARQ
COAX-OHTV COMCAST
EXIST. 6" WM LEE COUNTY
EXIST. 10" PVC SAN SEWER LEE COUNTY
EXIST. R/W
OAKS, PEPPERS AND PAPER
PED #I30I222 EMBARQ
OVERHEAD ELEC. FPL
COAX-OHTV COMCAST
PROPOSED 24" WM LEE COUNTY
BT ADJUST 5' EAST DURING CONSTRUCT EMBARQ
COAX-OHTV COMCAST
ASPHALT
ORTIZ CIRCLE
OVERHEAD ELEC. FPL
SPLICE PIT PED #21014 EMBARQ
50BT EMBARQ
EXIST. 6" PVC WM LEE COUNTY
EXIST. 8" PVC SDR-35 SAN LEE COUNTY
OVERHEAD ELEC. FPL

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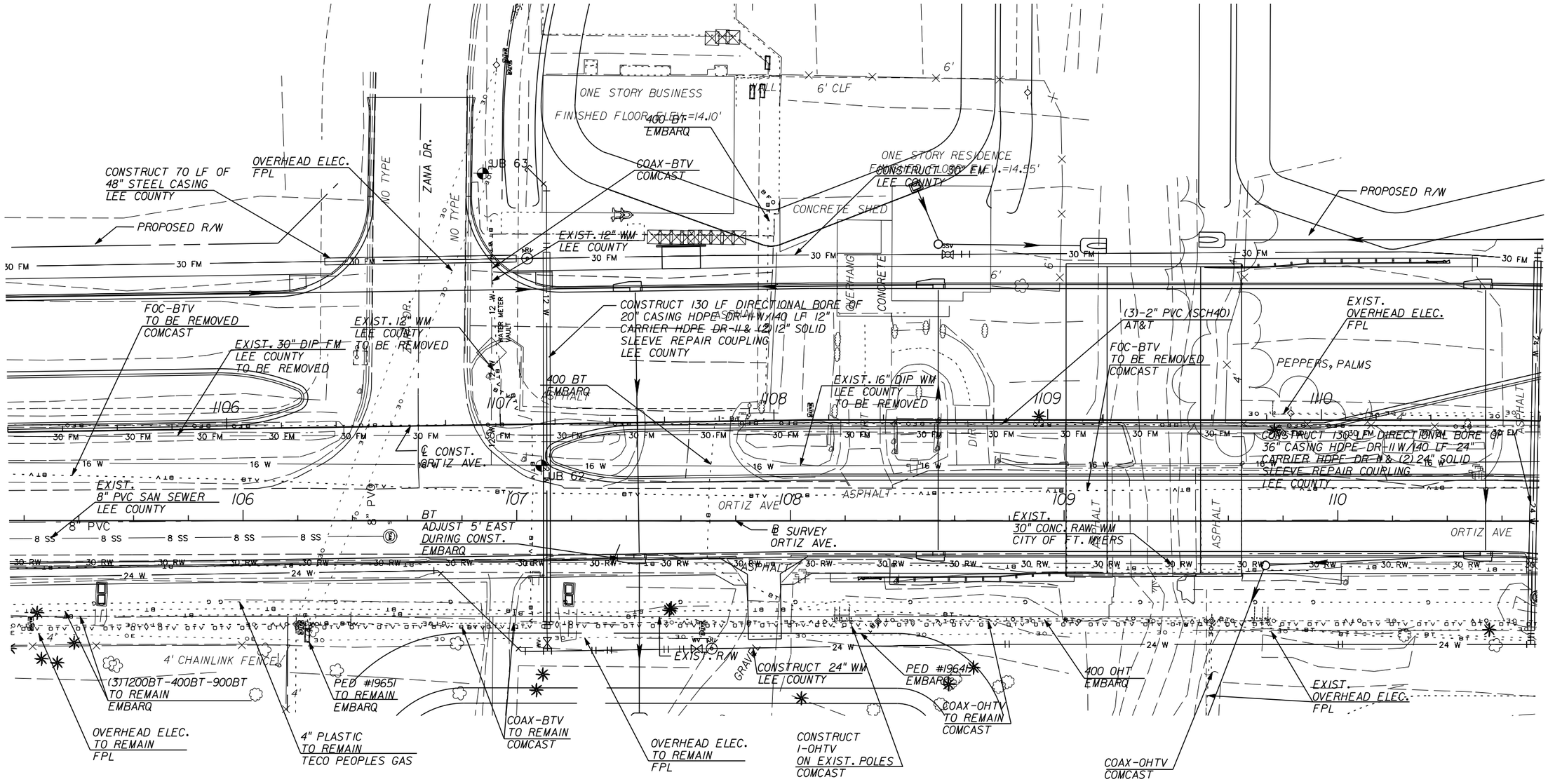

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# UTILITY ADJUSTMENT SHEET (17)
# ORTIZ AVENUE (CR 865)
## STA. 1099+60.00 TO STA. 1105+20.00

SHEET NO. 404

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# UTILITY ADJUSTMENT SHEET (18)
## ORTIZ AVENUE (CR 865)
### STA. 1105+20.00 TO STA. 1110+80.00

SHEET NO. 405

N

1" = 40'

CONSTRUCT 130 LF DIRECTIONAL BORE OF 36" CASING HDPE DR-11 W/140 LF 24" CARRIER HDPE DR-11 & (2) 24" SOLID SLEEVE REPAIR COUPLING LEE COUNTY

OVERHEAD ELEC. TO BE REMOVED FPL

FOC-BTV TO BE REMOVED COMCAST

EXIST. 16" DIP WM LEE COUNTY TO BE REMOVED

CONSTRUCT 30" FM LEE COUNTY

CONSTRUCT 24" WM LEE COUNTY

PROPOSED R/W

CARPORT OVER MAIN FLOOR ELEV=11.82'

OVERHEAD ELEC. FPL

ONE STORY RESIDENCE

FINISHED FLOOR ELEV=13.17'

EXIST. 6" PVC WM LEE COUNTY TO BE REMOVED

EXIST. 30" DIP FM LEE COUNTY TO BE REMOVED

(3)-2" PVC (SCH40) AT&T

EXIST. MANHOLE (FMN #103) @ MK #789 AT&T

FOC-BTV TO BE REMOVED COMCAST

℄ CONST. ORTIZ AVE.

EXIST. R/W

℄ GLENWOOD AVE.

GLENWOOD AVE.

(3) 2-400BT 200BT TO BE REMOVED EMBARQ

EXIST. 12" FORCE MAIN LEE COUNTY TO BE REMOVED

8" SS

(2) 400BT TO BE REMOVED EMBARQ

EXIST. 6" PVC WM LEE COUNTY TO BE REMOVED

BT ADJUST 5' EAST DURING CONSTRUCT EMBARQ

℄ SURVEY ORTIZ AVE.

ORTIZ AVE

1200BT EMBARQ

EXIST. 8" PVC SAN SEWER LEE COUNTY

REPEATER PED #19646 EMBARQ

CONSTRUCT 1-OHTV ON EXIST. POLES COMCAST

4-STRAND

EXIST. 4" PLASTIC TECO PEOPLES GAS

EXIST. MANHOLE (FMN #102) @ MK #788 AT&T

EXIST. R/W

4-STRAND

CONSTRUCT 2-4" CONDUIT 96" MIN. DEPTH EMBARQ

PED #20639 EMBARQ

EXIST. 8" PVC SAN SEWER LEE COUNTY

OVERHEAD ELEC. FPL

(3)-2" PVC (SCH40) AT&T

COAX-OHTV COMCAST

CONSTRUCT 1-OHTV ON EXIST. POLES COMCAST

PED #20902 EMBARQ

COAX-OHTV COMCAST

DEAN STREET

DEAN ST.

DIRT

50BT EMBARQ

EXIST. 6" PVC WM LEE COUNTY

EXIST. OVERHEAD ELEC. FPL

EXIST. 30" CONC. RAW WM CITY OF FT. MYERS

EXIST. 10" PVC SDR-35 SAN LEE COUNTY

EXIST. 12" PVC SAN LEE COUNTY

(3) 200BT-400BT-900BT EMBARQ

TRAFFIC

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# UTILITY ADJUSTMENT SHEET (19)
## ORTIZ AVENUE (CR 865)
### STA. 1110+80.00 TO STA. 1116+40.00

SHEET NO. 406


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1" = 40'

CONSTRUCT 1-BT 36" MIN DEPTH 3' FROM R/W EMBARQ

100 OHT TO REMAIN EMBARQ

PROPOSED R/W

RELOCATE 100 OHT TO NEW POLE EMBARQ

100BT TO BE REMOVED EMBARQ

OVERHEAD ELEC. TO REMAIN FPL

ONE STORY RESIDENCE
FINISHED FLOOR ELEV.=12.90'

PED #20637 TO BE REMOVED EMBARQ

ONE STORY WOOD
FINISHED FLOOR ELEV.=14.04'

CONSTRUCT 24" WM LEE COUNTY

CONSTRUCT 24" FM LEE COUNTY

ONE STORY RESIDENCE
FINISHED FLOOR ELEV.=14.26'

ONE STORY BUSINESS
FINISHED FLOOR ELEV.=14.58'

ONE STORY RESIDENCE
FINISHED FLOOR ELEV.=13.98'

CARPORT

OVERHANG

PORCH

200BT TO BE REMOVED EMBARQ

EXIST. 16" DUCTILE IRON WM LEE COUNTY

EXIST. R/W

COAX-OHTV TO REMAIN COMCAST

200BT TO REMAIN EMBARQ

EXIST. 24" DIP FM LEE COUNTY TO BE REMOVED

SEPTIC TANK

DIRT

ASPHALT

FOC-BTV TO BE REMOVED COMCAST

117 118 119 120 121 1122

℄ CONST. ORTIZ AVE.

ORTIZ AVE

200,900BT TO REMAIN EMBARQ

PED #20900 TO REMAIN EMBARQ

BT ADJUST 5' EAST DURING CONST. EMBARQ

℄ SURVEY ORTIZ AVE.

EXIST. 18" PVC SAN SEWER LEE COUNTY

200,900BT TO REMAIN EMBARQ

4-STRAND

PEPPERS, PALMS, PINES

(2) 400BT TO BE REMOVED EMBARQ

COAX-OHTV TO REMAIN COMCAST

4" PLASTIC TO REMAIN TECO PEOPLES GAS

EXIST. R/W

OVERHEAD ELEC. TO REMAIN FPL

OVERHEAD ELEC. TO REMAIN FPL

200BT TO REMAIN EMBARQ

PED #20477 TO REMAIN EMBARQ

UB 66

EXIST. 30" CONC. RAW WM CITY OF FT. MYERS

100BT TO REMAIN EMBARQ

(3) 1200BT-200BT-900BT TO REMAIN EMBARQ

PED #3399 TO REMAIN EMBARQ

EXIST. 8" PVC SAN SEWER LEE COUNTY

CONSTRUCT 1-OHTV ON EXIST. POLE COMCAST

(3)-2" PVC (SCH40) TO REMAIN AT&T

PED #20641 TO REMAIN EMBARQ

EXIST. 18" PVC SAN SEWER LEE COUNTY

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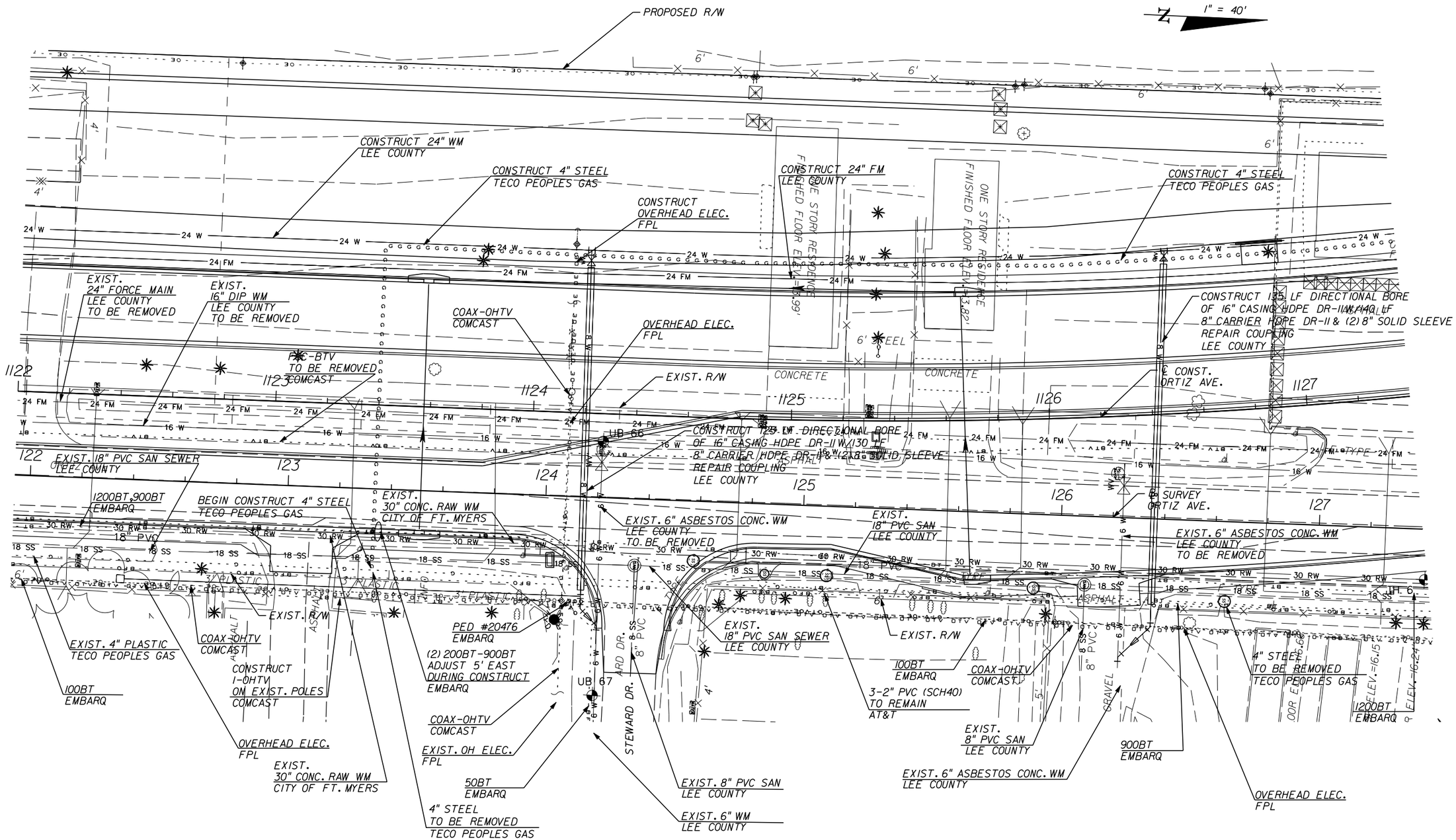

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# UTILITY ADJUSTMENT SHEET (20)
## ORTIZ AVENUE (CR 865)
### STA. 1116+40.00 TO STA. 1122+00.00

SHEET NO. 407




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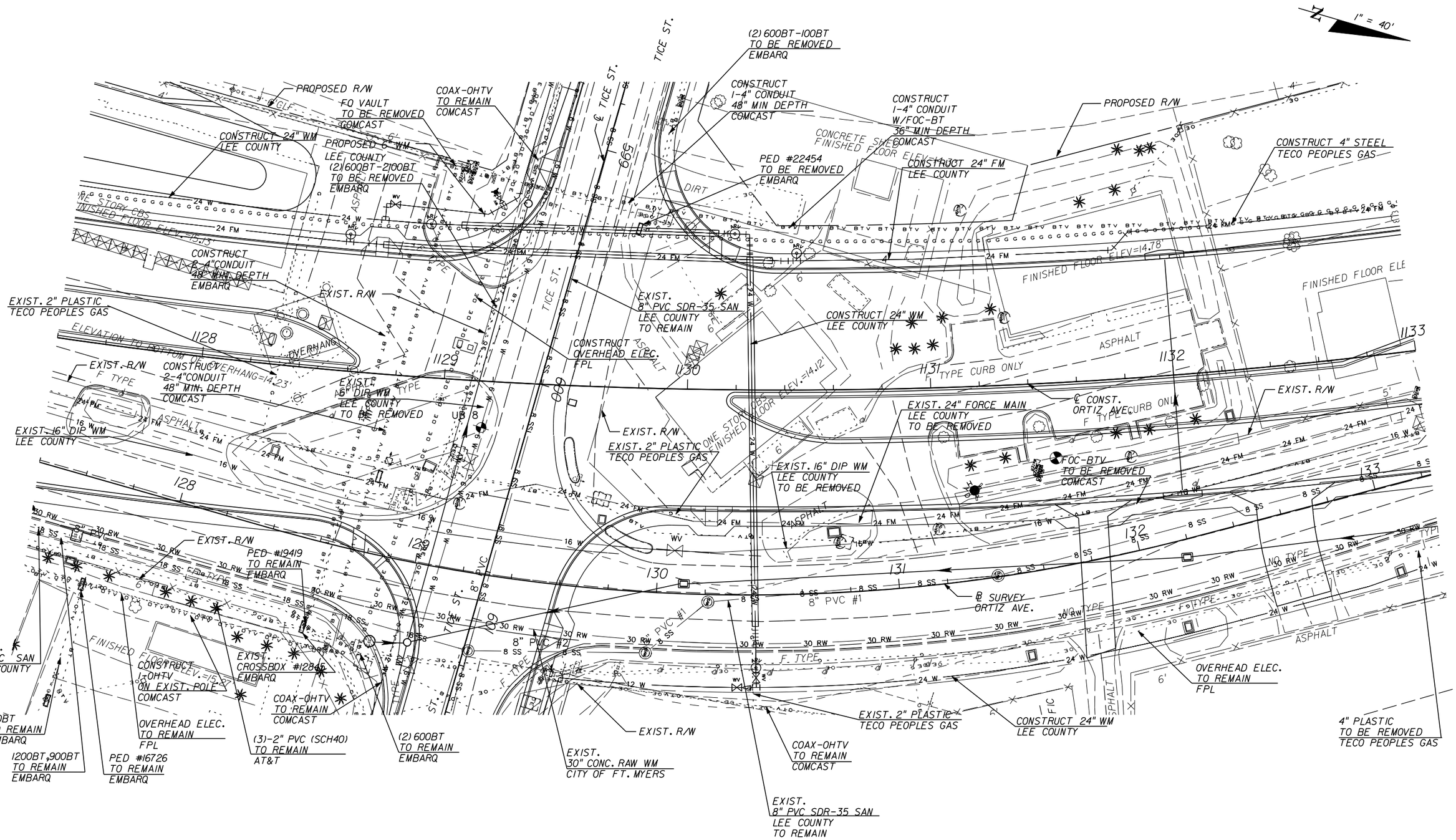

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DEPARTMENT of TRANSPORTATION


# UTILITY ADJUSTMENT SHEET (21)
# ORTIZ AVENUE (CR 865)

**STA. 1122+00.00 TO STA. 1127+40.00**

SHEET NO. 408

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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

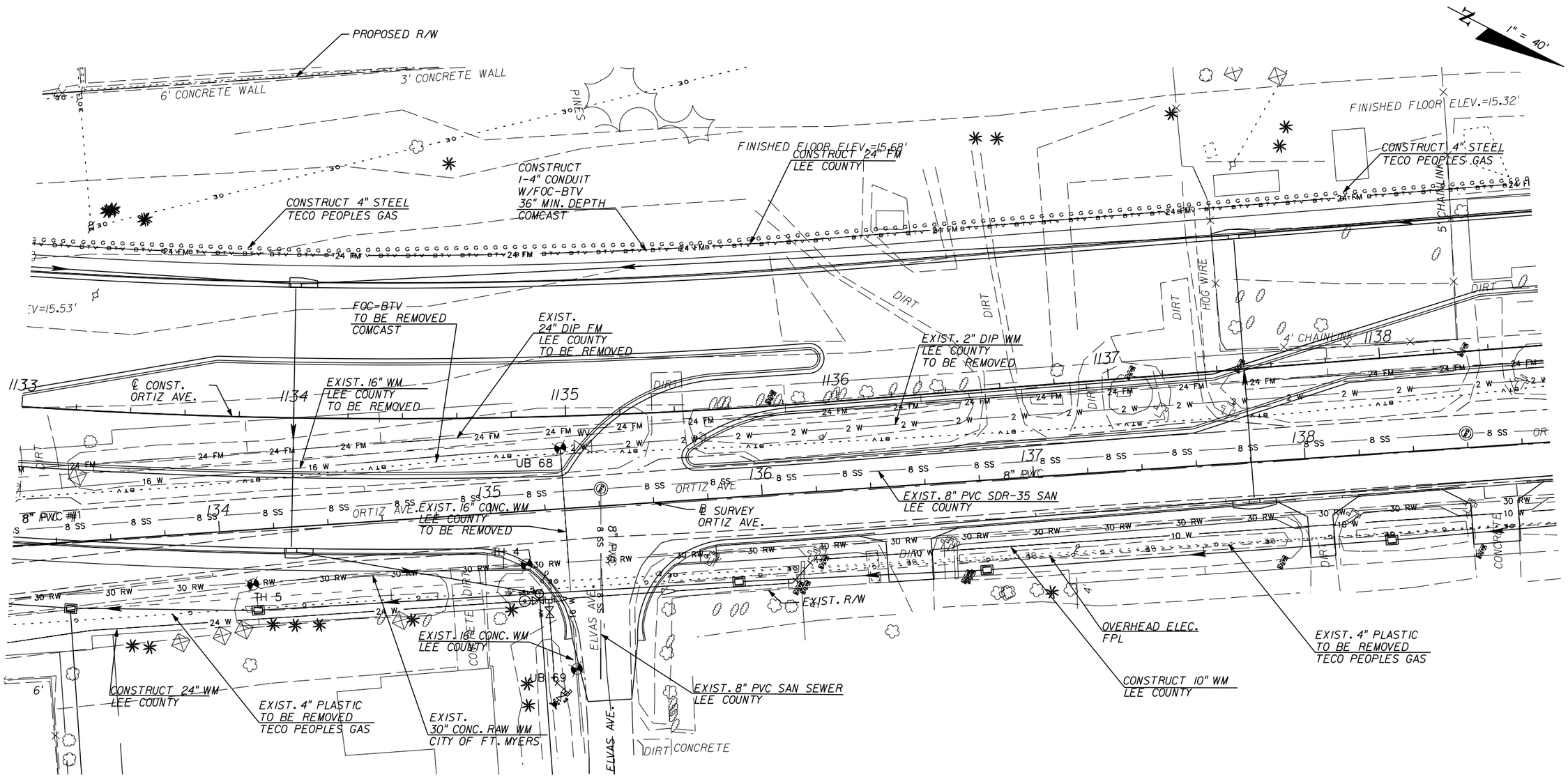

APPROVED BY:
SHAWN D. SWETS, P.E.
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FLORIDA CERTIFICATE NO. 60274


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# UTILITY ADJUSTMENT SHEET (22)
## ORTIZ AVENUE (CR 865)
### STA. 1127+40.00 TO STA. 1133+00.00

SHEET NO. 409

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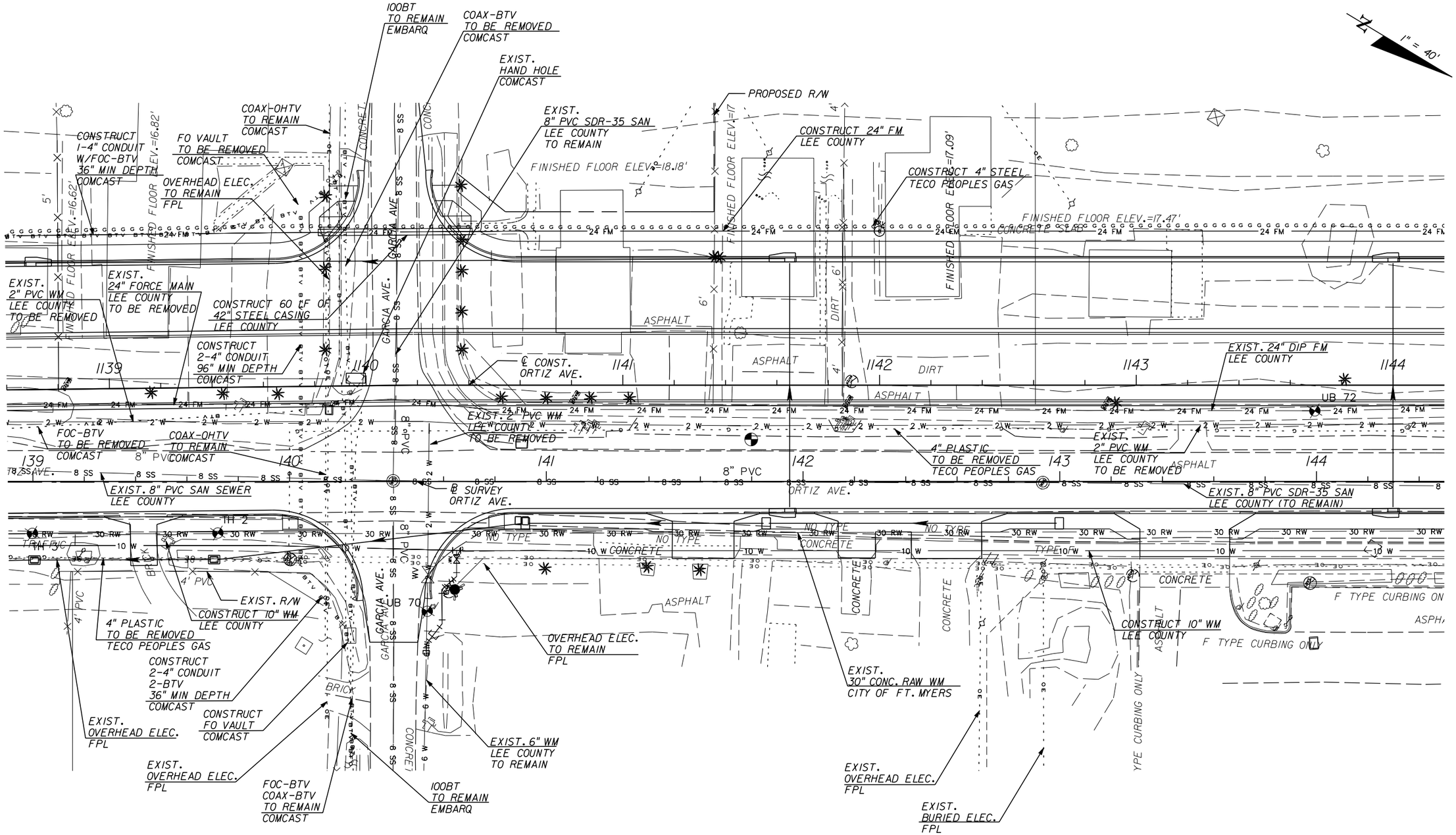

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# UTILITY ADJUSTMENT SHEET (23)
## ORTIZ AVENUE (CR 865)
### STA. 1133+00.00 TO STA. 1138+60.00

SHEET NO. 410

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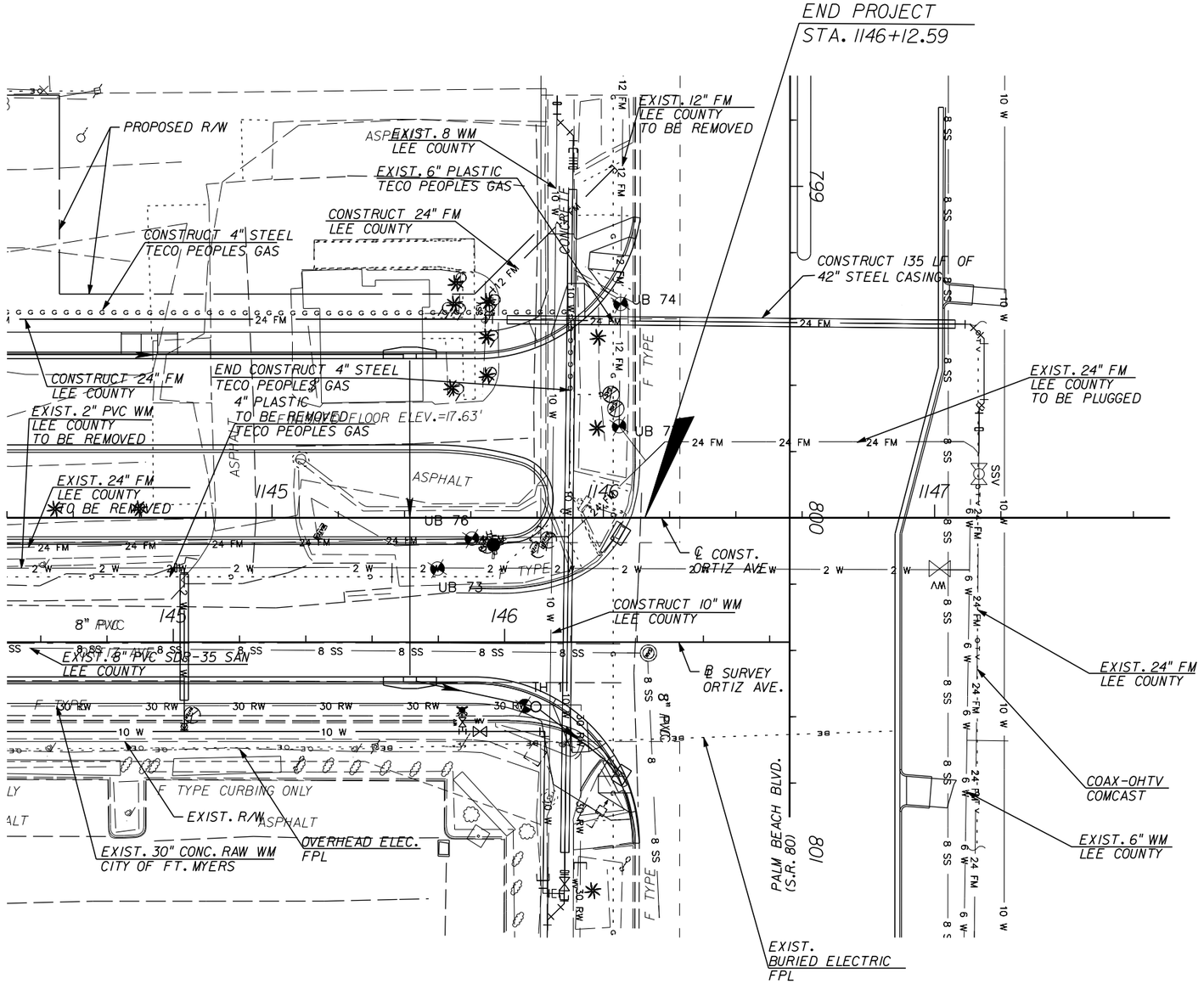

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# UTILITY ADJUSTMENT SHEET (24)
## ORTIZ AVENUE (CR 865)
### STA. 1138+60.00 TO STA. 1144+20.00

SHEET NO. 411

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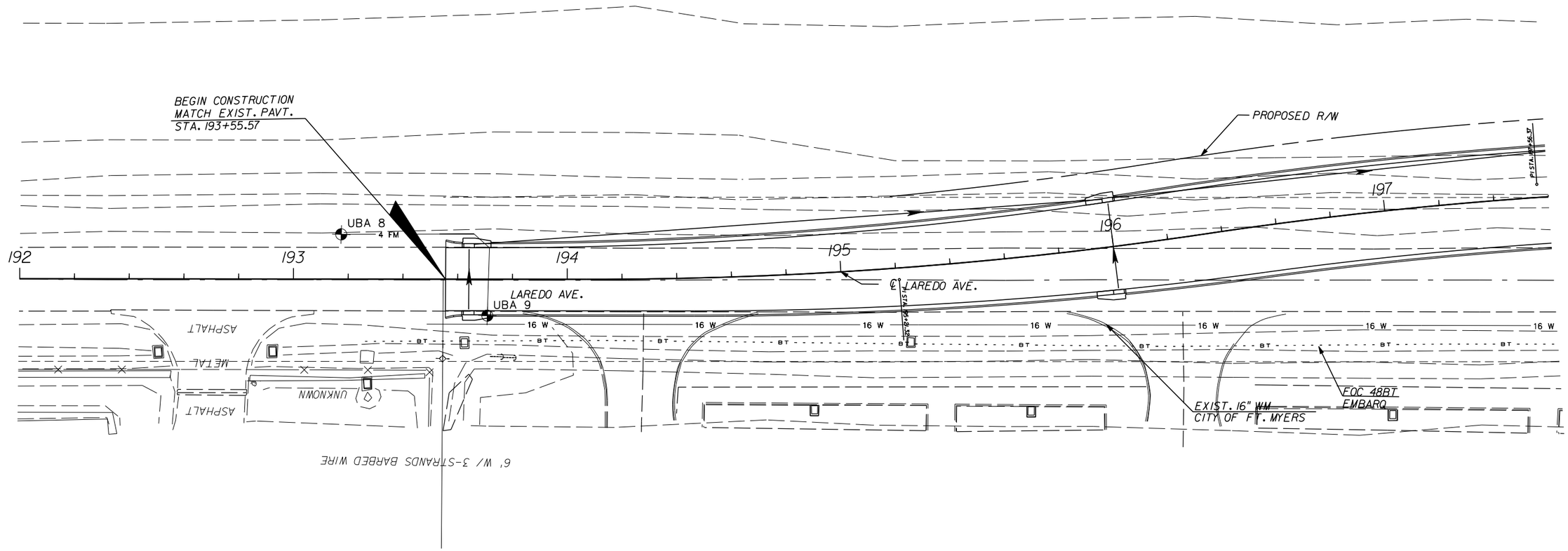

# UTILITY ADJUSTMENT SHEET (25)
# ORTIZ AVENUE (CR 865)
## STA. 1144+20.00 TO STA. 1146+12.59

SHEET NO. 412

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1" = 40'

N




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# UTILITY ADJUSTMENT SHEET (1)
# ORTIZ AVENUE (CR 865)
## LAREDO AVENUE

SHEET NO.
413

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(3)-2" PVC (SCH40)
AT&T

EXIST. 16" DIP FM
CITY OF FT. MYERS
TO BE REMOVED

COMSTRUCT
8" HDPE FM
CITY OF FT. MYERS

EXIST.
16" DUCTILE IRON WM
LEE COUNTY

PROPOSED R/W

CONSTRUCT
4" STEEL
TECO PEOPLES
GAS

198

199

200

201

202

LAREDO AVE.

℄ LAREDO AVE.

CONST. 16" WM
CITY OF FT. MYERS

CONST. 24" FM
CITY OF FT. MYERS

CONSTRUCT
FIBER VAULT
EMBARQ

CONSTRUCT
1-4" CONDUIT
36" MIN. DEPTH
3' FROM R/W
EMBARQ

EXIST. 16" WM
CITY OF FT. MYERS

CONSTRUCT
12" HDPE WM
W/ 20" HDPE CASING
CITY OF FT. MYERS

FOC 48BT
EMBARQ

CONSTRUCT 24" FM
CITY OF FT. MYERS

PROPOSED R/W

CONSTRUCT 16" WM
CITY OF FT. MYERS

CONSTRUCT
1-4" CONDUIT
W/FOC-BTV
36" MIN. DEPTH
6' FROM R/W
COMCAST

PED #18392
TO BE REMOVED
EMBARQ

CONSTRUCT
FIBER VAULT
EMBARQ

HAND HOLE
TO BE REMOVED
COMCAST

FOC-BTV
TO BE REMOVED
COMCAST

℄ SURVEY ORTIZ AVE

℄ CONST. ORTIZ AVE

ORTIZ AVE.

50BT
TO BE REMOVED
EMBARQ

OVERHEAD ELEC.
FPL

EXIST. 4 " STEEL
TO BE REMOVED
TECO PEOPLES GAS

EXIST. 30" RW
CITY OF FT. MYERS

CONSTRUCT 16" WM
LEE COUNTY

CONSTRUCT
1-BT
36" MIN. DEPTH
5' FROM R/W
EMBARQ

8" HDPE FM
TO BE REMOVED
CITY OF FT. MYERS

PROPOSED R/W

℄ LAREDO AVE.

CONSTRUCT
1-4" CONDUIT-BT
48" MIN. DEPTH
EMBARQ

LAREDO AVE.

OVERHEAD ELEC.
TO REMAIN
FPL

(2) 25BT-100BT
TO BE REMOVED
EMBARQ

50BT
TO BE REMOVED
EMBARQ

PROPOSED R/W

(2) 25BT-100BT
TO BE REMOVED
EMBARQ

CONSTRUCT
1-BT
36" MIN. DEPTH
3' FROM R/W
EMBARQ

HAND HOLE
TO BE REMOVED
EMBARQ

12" HDPE WM
W/ 20" HDPE CASING
TO BE REMOVED
CITY OF FT. MYERS

OVERHEAD ELEC.
TO REMAIN
FPL

EXIST. 4 " STEEL
TO BE REMOVED
TECO PEOPLES GAS

BEGIN CONSTRUCT 4" STEEL
TECO PEOPLES GAS

1" = 40'

N

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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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FLORIDA CERTIFICATE NO. 60274

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SOUTHWEST
FLORIDA

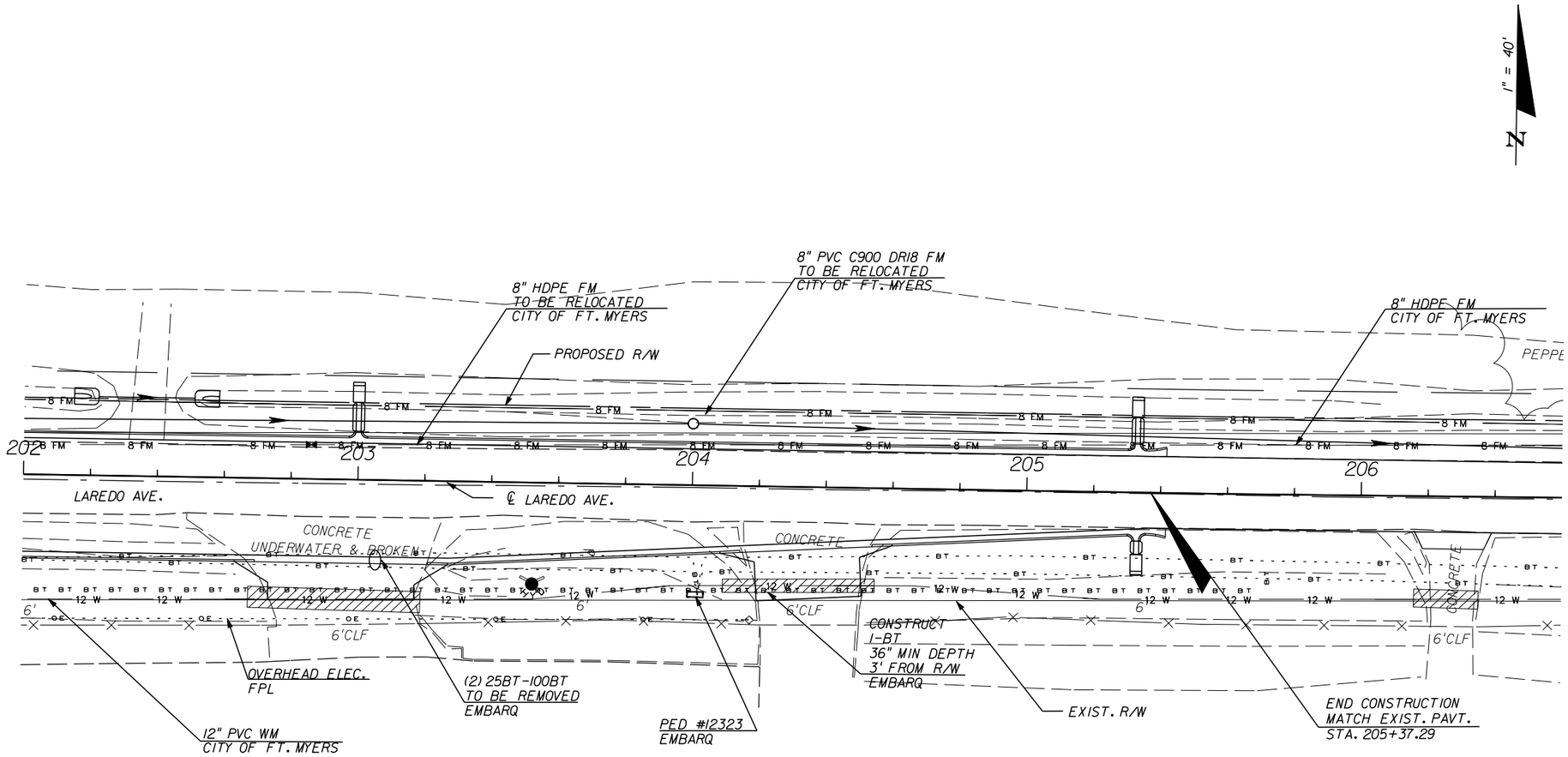
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of
TRANSPORTATION

1500 MONROE STREET
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm
FORT MYERS, FLORIDA 33901

# UTILITY ADJUSTMENT SHEET (2)
# ORTIZ AVENUE (CR 865)
## LAREDO AVENUE

SHEET NO.
414

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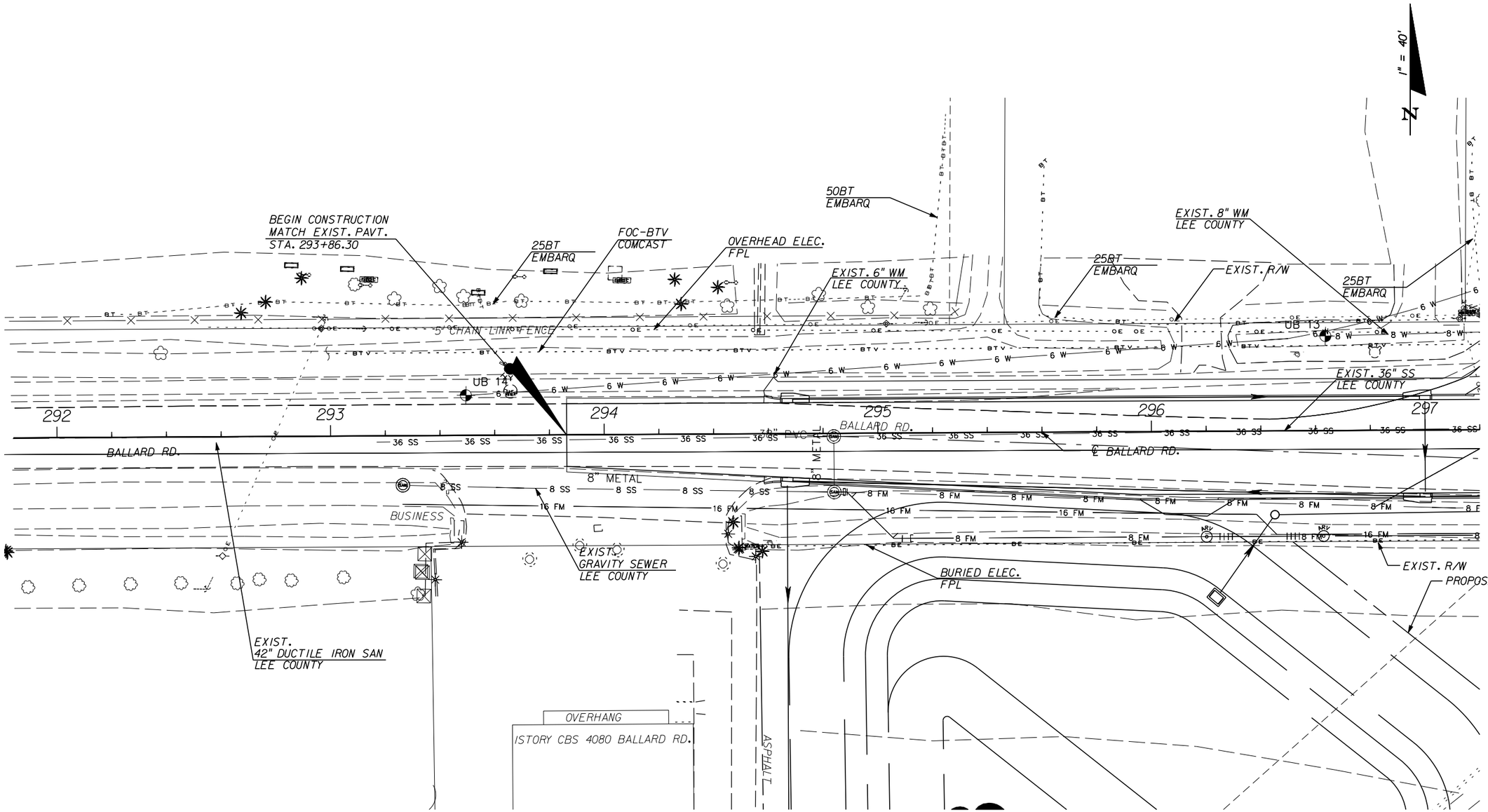

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FLORIDA CERTIFICATE NO. 60274


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# UTILITY ADJUSTMENT SHEET (3)
# ORTIZ AVENUE (CR 865)
## LAREDO AVENUE

SHEET NO. 415

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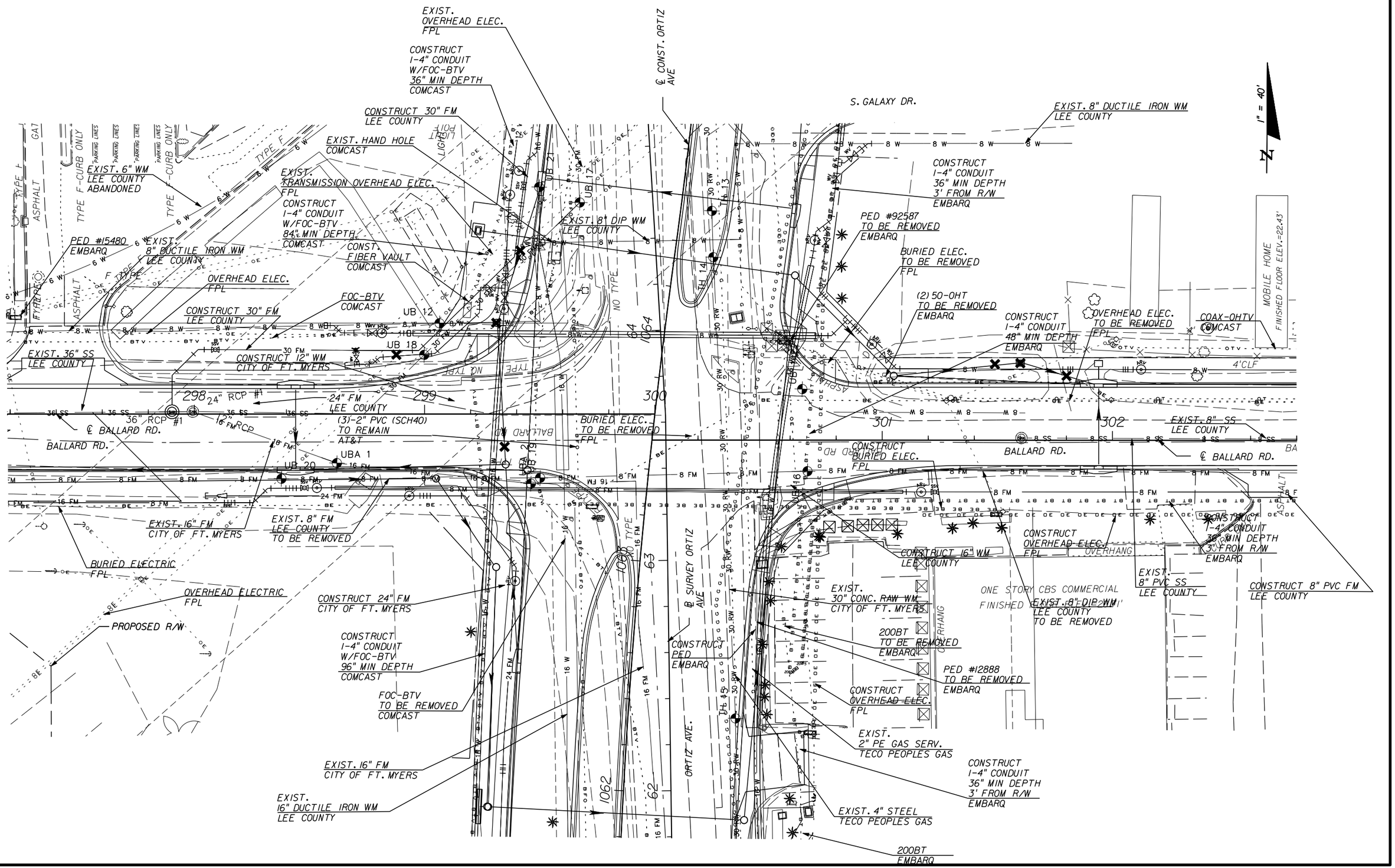

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FLORIDA CERTIFICATE NO. 60274


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# UTILITY ADJUSTMENT SHEET (1)
## ORTIZ AVENUE (CR 865)
### BALLARD ROAD

SHEET NO. 416

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# UTILITY ADJUSTMENT SHEET (2)
## ORTIZ AVENUE (CR 865)
### BALLARD ROAD

SHEET NO. 417

1" = 40'

N

PED #18445
TO BE REMOVED
EMBARQ

COAX-OHTV
COMCAST

2-50BT
TO BE REMOVED
EMBARQ

EXIST.
8" PVC SAN SEWER
LEE COUNTY

PEPPERS

PED #15480
EMBARQ

(2) 25BT
EMBARQ

OVERHEAD ELEC.
TO BE REMOVED
FPL

303

304

EXIST. R/W

305

306

307

8" PVC

℄ BALLARD RD.

BALLARD RD.

LLARD RD.

UB 11

UB 10(3)

UB 10(2)

UB 10(1)

UB 15

CHAIN & POSTS

CURB & GUTTER

25BT
TO BE REMOVED
EMBARQ

3 STRANDS OF BARB WIRE

CONSTRUCT
1-BT
36" MIN DEPTH
3' FROM R/W
EMBARQ

ASPHALT

CONSTRUCT
OVERHEAD ELEC.
FPL

6' W/3 STRANDS OF BARB WIRE

CONSTRUCT
OVERHEAD ELEC.
FPL

END CONSTRUCTION
MATCH EXIST. PAVT.
STA. 305+55.82

(2) 25BT
EMBARQ

PED #18446
EMBARQ

EXIST. FORCE MAIN
LEE COUNTY

(2) 25BT
TO BE REMOVED
EMBARQ

(CONSTRUCT
PED
EMBARQ

9' TALL CONCRETE
DUMPSTER BIN

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| | | | |


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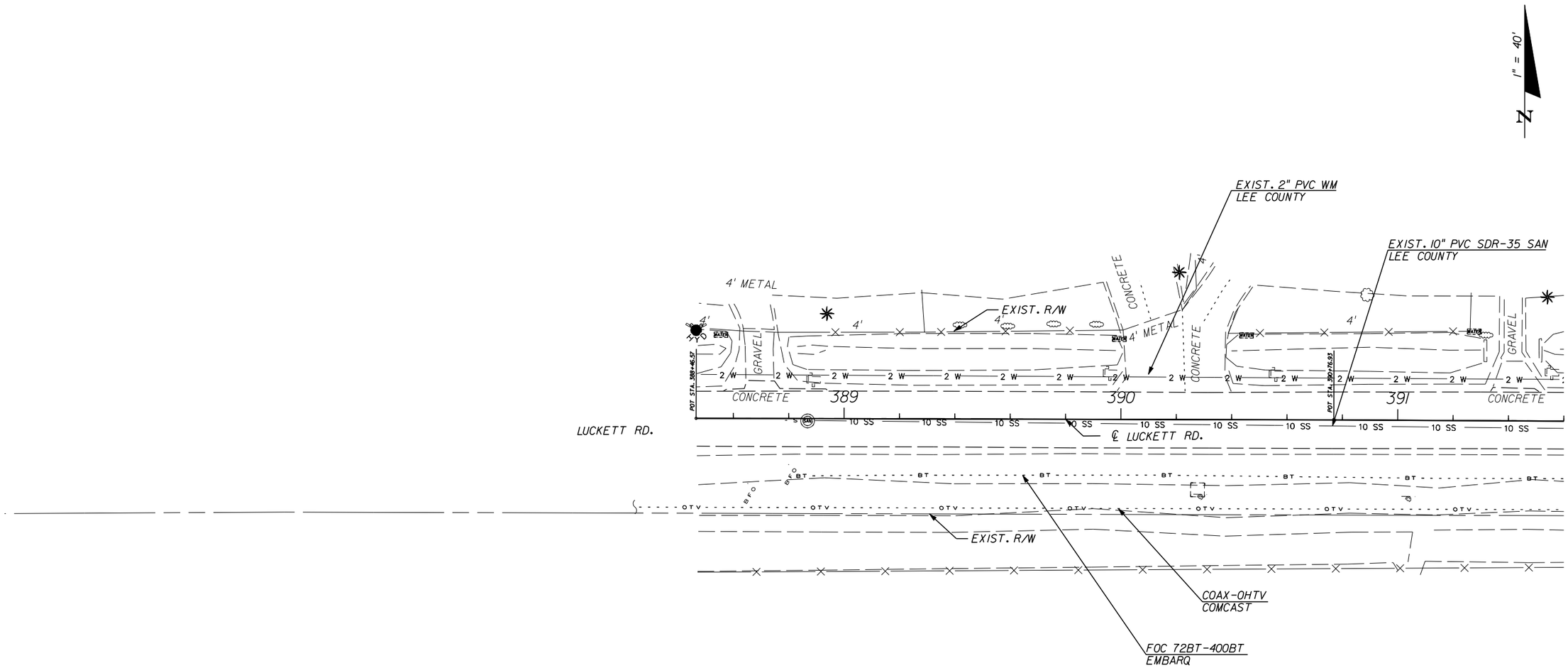

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# UTILITY ADJUSTMENT SHEET (3)
# ORTIZ AVENUE (CR 865)
## BALLARD ROAD

SHEET NO.
418

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10/11/2010 5:08:05 PM p:\leecounty_05-8974ortiz\planset\roadway\utadrd30.dgn




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# UTILITY ADJUSTMENT SHEET (1)
## ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO.
419

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1" = 40'

N

EXIST.
8" PVC SDR-35 SAN
LEE COUNTY

BEGIN CONSTRUCTION
MATCH EXIST. PAVT.
STA. 394+30.00

10" PVC SS
LEE COUNTY

CONSTRUCT
1-4" CONDUIT
1-BT
36" MIN DEPTH
3' FROM R/W
EMBARQ

2" WM
LEE COUNTY
TO BE REMOVED

CONSTRUCT 4" WM
LEE COUNTY

CONSTRUCT
OVERHEAD ELEC.
FPL

CONSTRUCT
1-4" CONDUIT
48" MIN DEPTH
EMBARQ

EXIST. R/W

GRAVEL

CONCRETE

4'METAL

UB 22

392 393 394 395 396 397

LUCKETT RD.

℄ LUCKETT RD.

LUCKETT ROAD

EXIST.10" SS
LEE COUNTY

COAX-OHTV
TO BE REMOVED
COMCAST

EXIST. R/W

FOC 72BT-400BT
EMBARQ

OVERHEAD ELEC.
FPL

COAX-OHTV
COMCAST

FOC 72BT-400BT
TO BE REMOVED
EMBARQ

NOTE: RECONNECT EXISTING
WATER SERVICE LINES TO NEW
WATER MAIN.

CONSTRUCT
OVERHEAD ELEC.
FPL

PROPOSED R/W

CONSTRUCT
1-BT
36" MIN DEPTH
3' FROM R/W
COMCAST

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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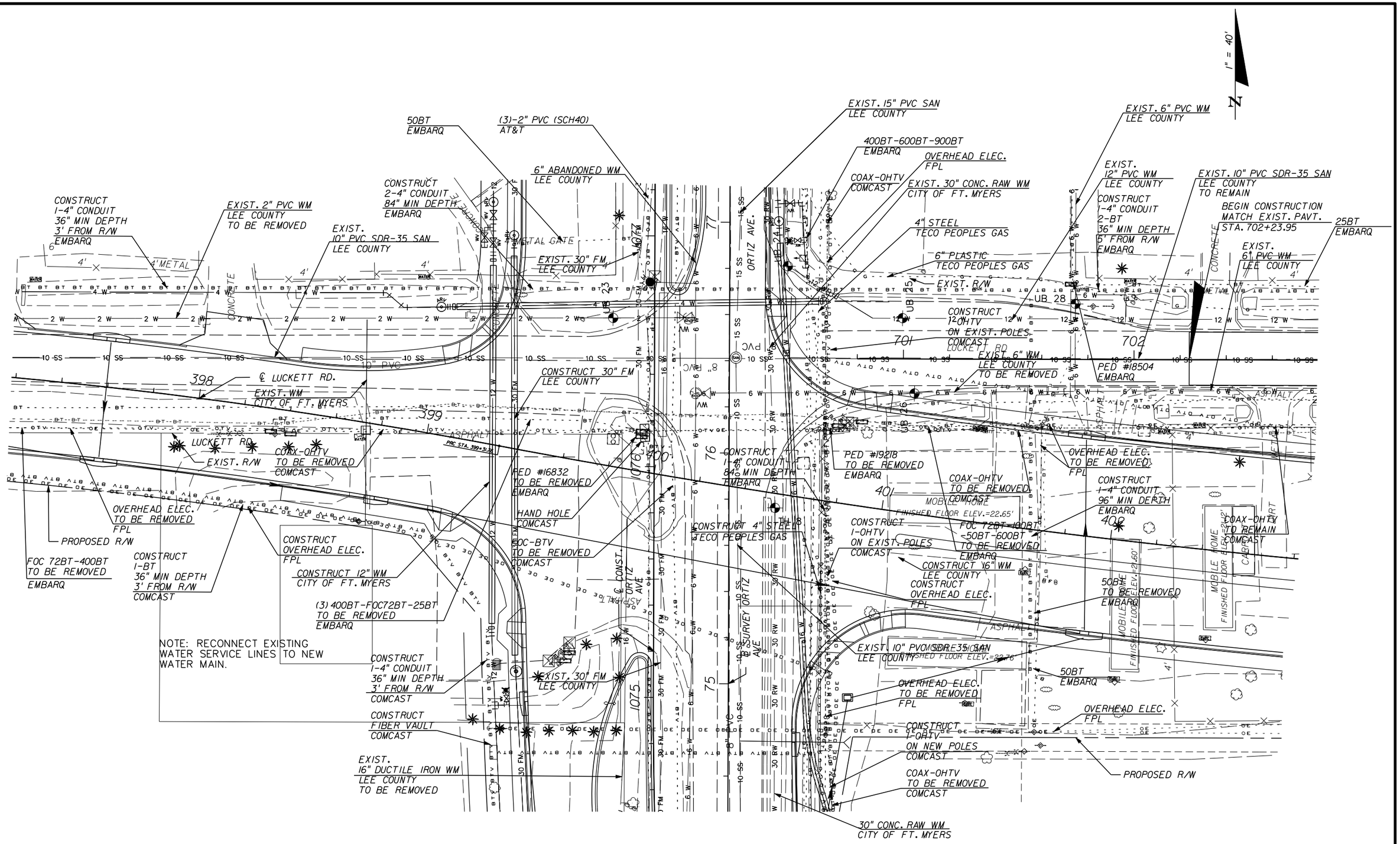

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# UTILITY ADJUSTMENT SHEET (2)
## ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO. 420

apeters
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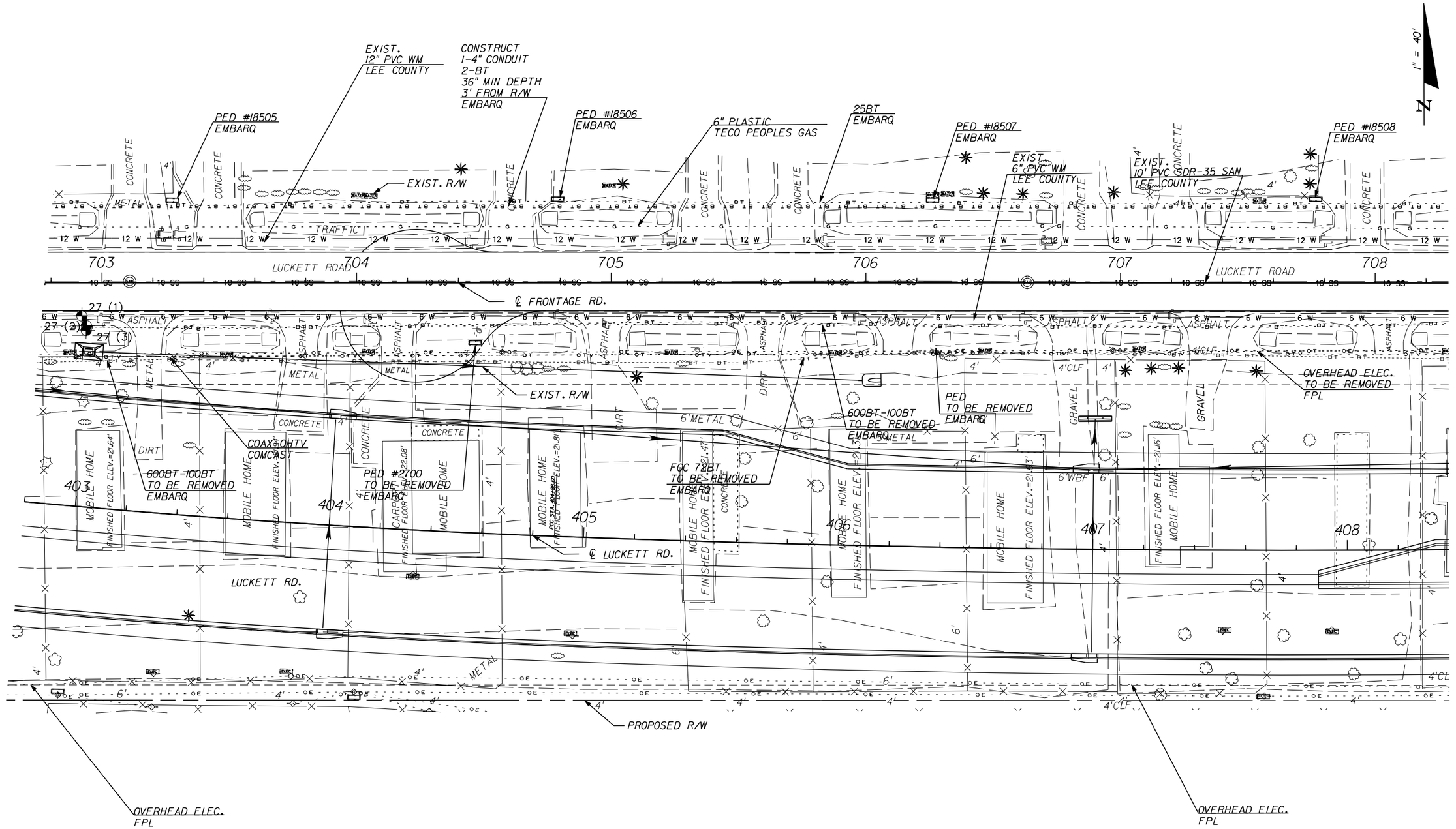

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# UTILITY ADJUSTMENT SHEET (3)
## ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO. 421




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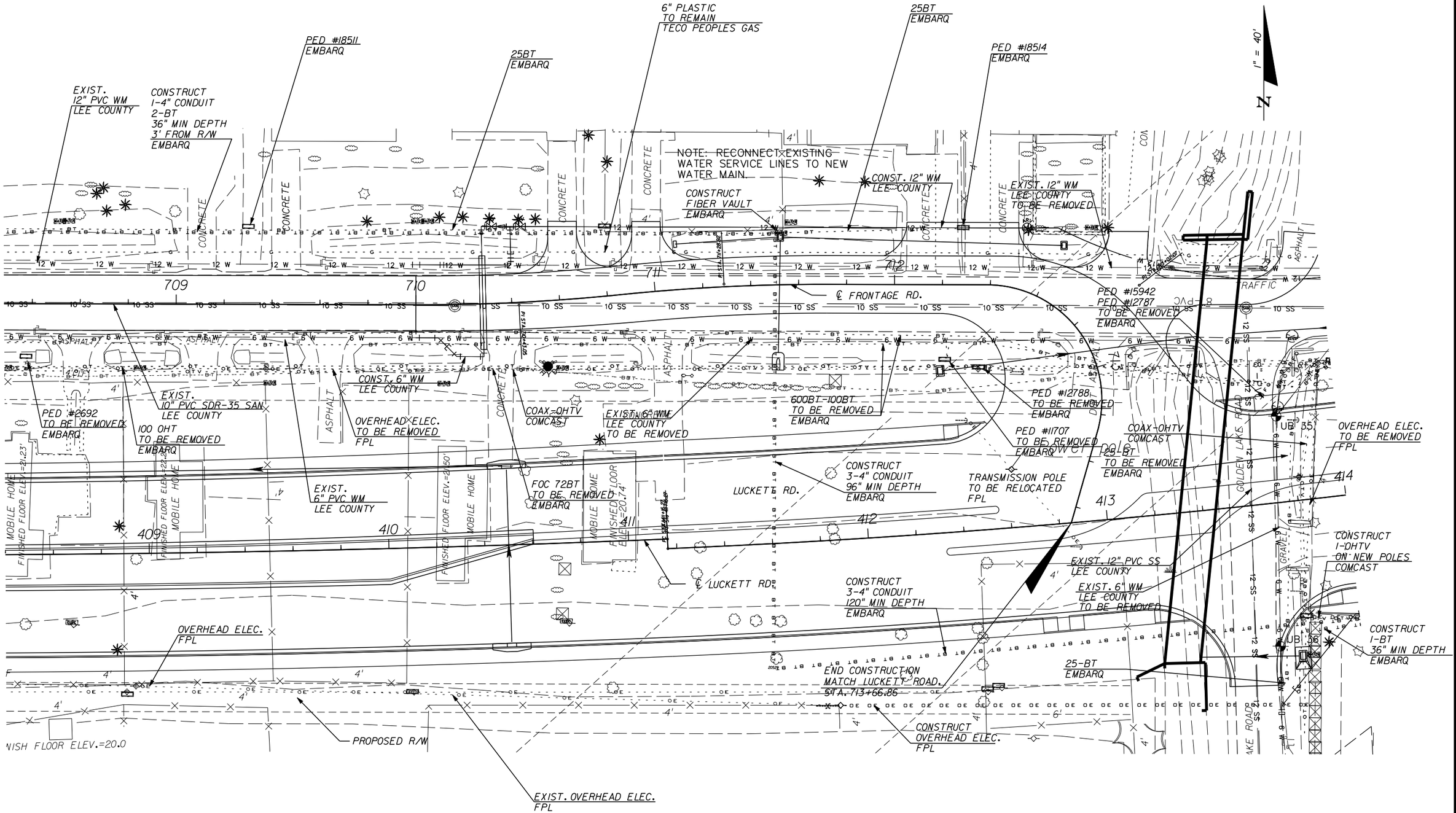

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# UTILITY ADJUSTMENT SHEET (4)
## ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO. 422

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# UTILITY ADJUSTMENT SHEET (5)
## ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO. 423

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1" = 40'

N

CONSTRUCT 12" WM
LEE COUNTY
TYPE F-CURB ONLY

EXIST. 8" WM
LEE COUNTY

6" PLASTIC
TECO PEOPLES GAS

EXIST. BURIED ELEC.
FPL

TYPE F-CURB ONLY

TYPE F-CURB ONLY

EXIST. R/W

STRAND BARB

DIRT

6" PLASTIC
TECO PEOPLES GAS

OVERHEAD ELEC.
FPL

EXIST. 2" WM
LEE COUNTY
TO BE REMOVED

4'-4 STRAND BARBED WIRE FENCE

COAX-OHTV
TO BE REMOVED
COMCAST

EXIST.
10" PVC SDR-35 SAN
LEE COUNTY

CONSTRUCT
6" PLASTIC
TECO PEOPLES GAS

PEPPERS, PALMS, LARGE SHRUBS

EXIST. ABANDONED
12" PVC WM
LEE COUNTY
TO BE REMOVED

EXIST. 10" SS
LEE COUNTY

6" PLASTIC
TO BE REMOVED
TECO PEOPLES GAS

UB 38

UB 30

UB 29

CONSTRUCT 8" FM
LEE COUNTY

EXIST. 8" FM
LEE COUNTY
TO BE REMOVED

HAND HOLE
TO BE REMOVED
EMBARQ

600BT-200BT-F0C72BT
TO BE REMOVED
EMBARQ

PED #1717
TO BE REMOVED
EMBARQ

UB 37

UB 34

ASPHALT

DIRT

GRAVEL

418

419

LUCKETT RD.

℄ LUCKETT RD.

OVERHEAD ELEC.
TO BE REMOVED
FPL

CONSTRUCT
OVERHEAD ELEC.
FPL

PED #12787
PED #15942
TO BE REMOVED
EMBARQ

HAND HOLE
TO BE REMOVED
EMBARQ

415

416

417

EXIST. R/W

5' CHAIN LINK

BRICK

ONE STORY CBS
FINISHED FLOOR
ELEV.=20.94'

ONE STORY CBS
FINISHED FLOOR
ELEV.=20.66'

CONSTRUCT 6" WM
1095 LF OF 18"
STEEL CASING
LEE COUNTY

ONE STORY CBS
FINISHED FLOOR
ELEV.=20.29'

PED #11719
TO BE REMOVED
EMBARQ

414

SCREENED PORCH

WOOD FRAME HOUSE ON STILTS
FINISHED FLOOR ELEV.=28.15'

CONSTRUCT
I-OHTV
ON NEW POLES
COMCAST

PROPOSED R/W

COAX-OHTV
COMCAST

EXIST. 2" PVC WM
LEE COUNTY

CONSTRUCT
PEDESTAL
EMBARQ

FINNISH FLOOR ELEV.=20.24'

CONSTRUCT
1-4" CONDUIT
2-BT
36" MIN DEPTH
EMBARQ

CONSTRUCT
OVERHEAD ELEC.
FPL

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

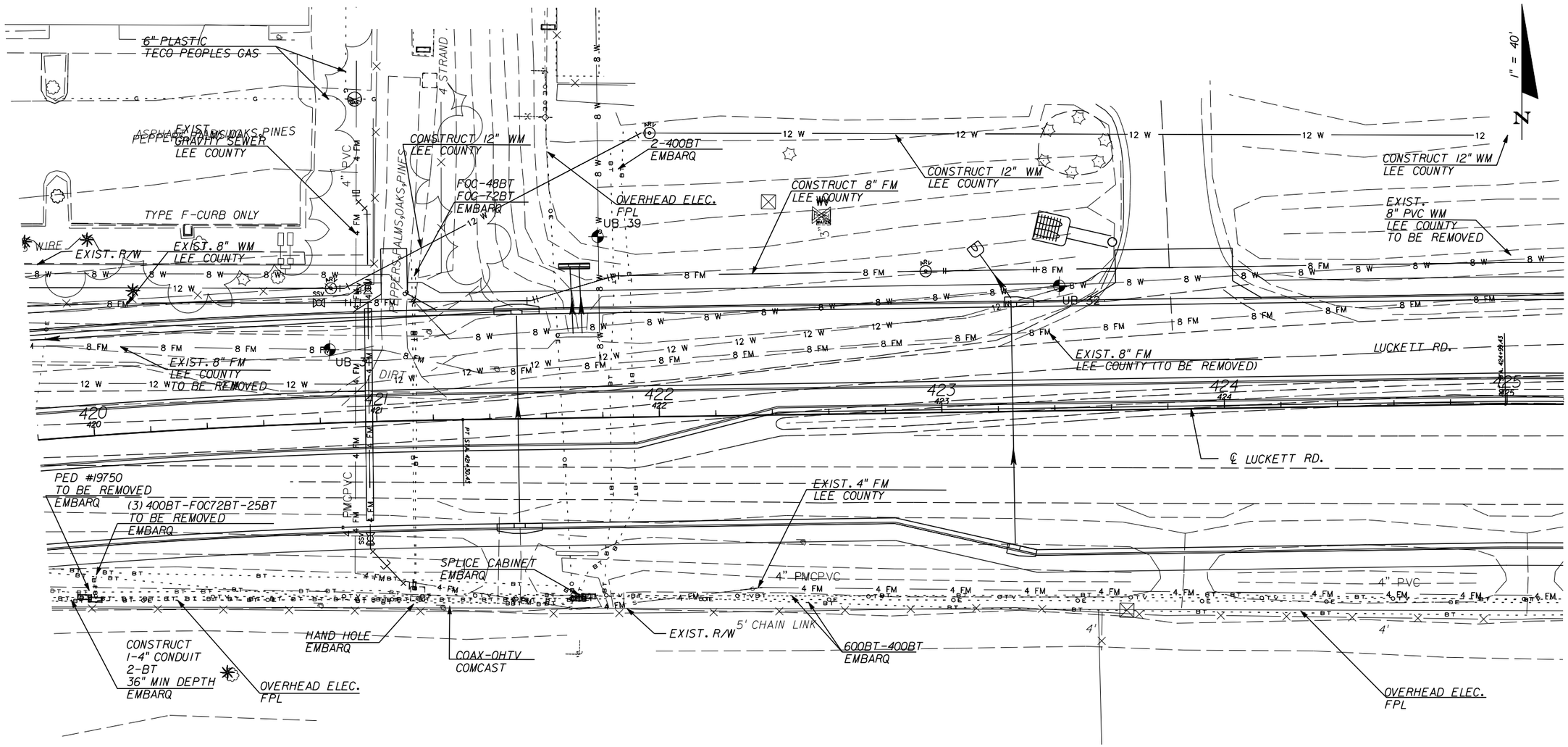

APPROVED BY:
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# UTILITY ADJUSTMENT SHEET (6)
# ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO. 424

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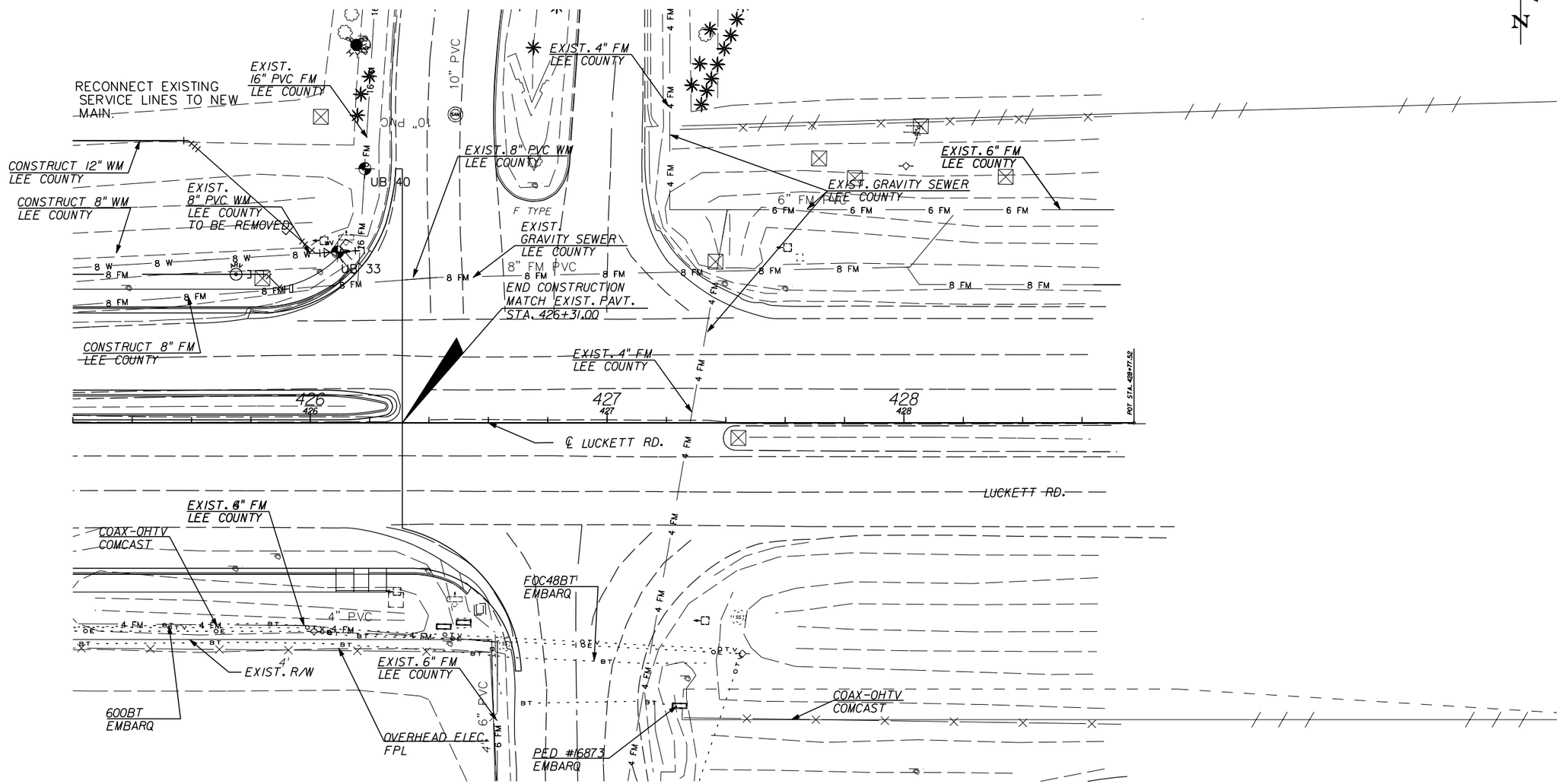

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# UTILITY ADJUSTMENT SHEET (7)
# ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO.
425




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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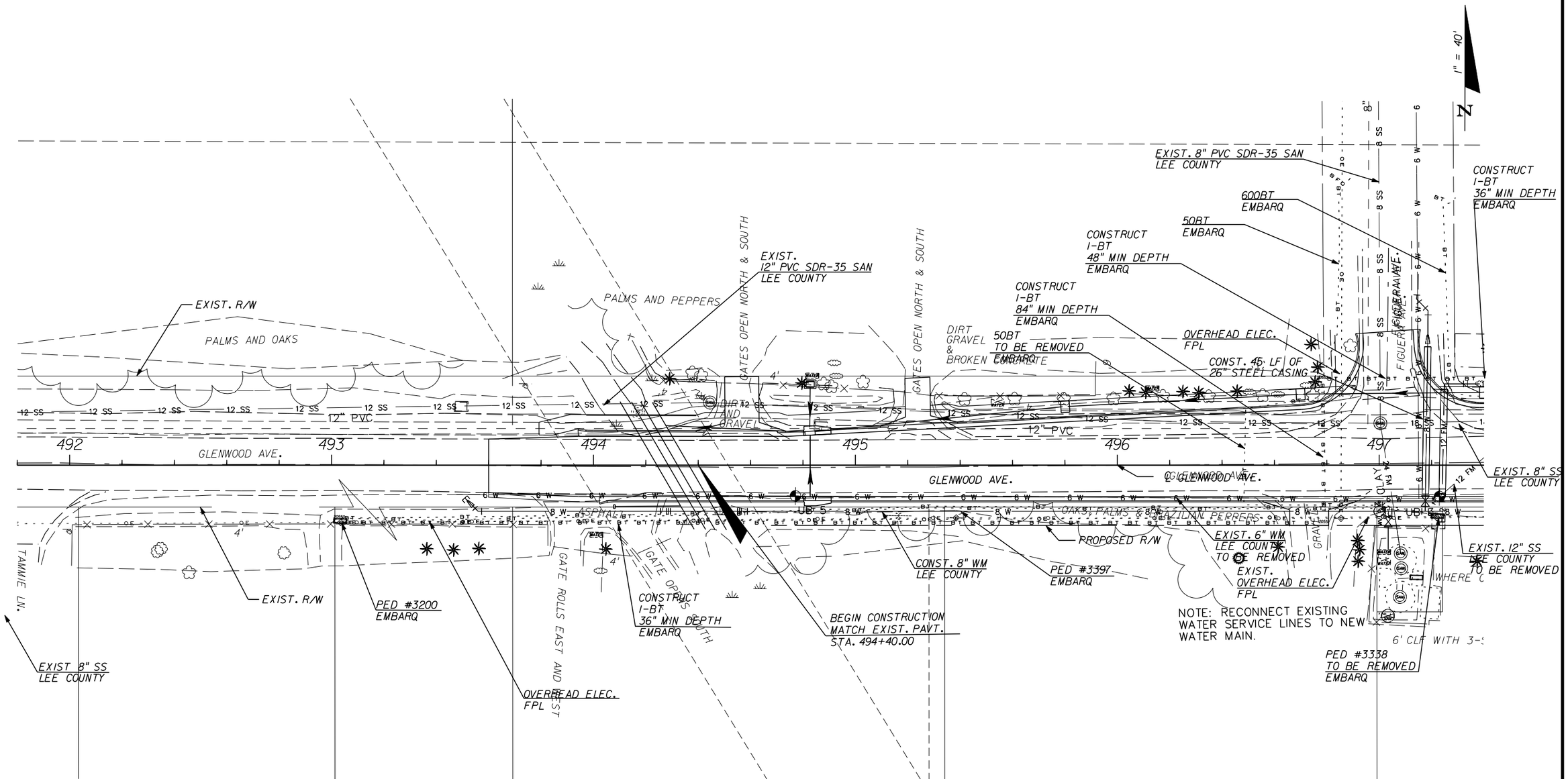

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# UTILITY ADJUSTMENT SHEET (8)
## ORTIZ AVENUE (CR 865)
## LUCKETT ROAD

SHEET NO. 426

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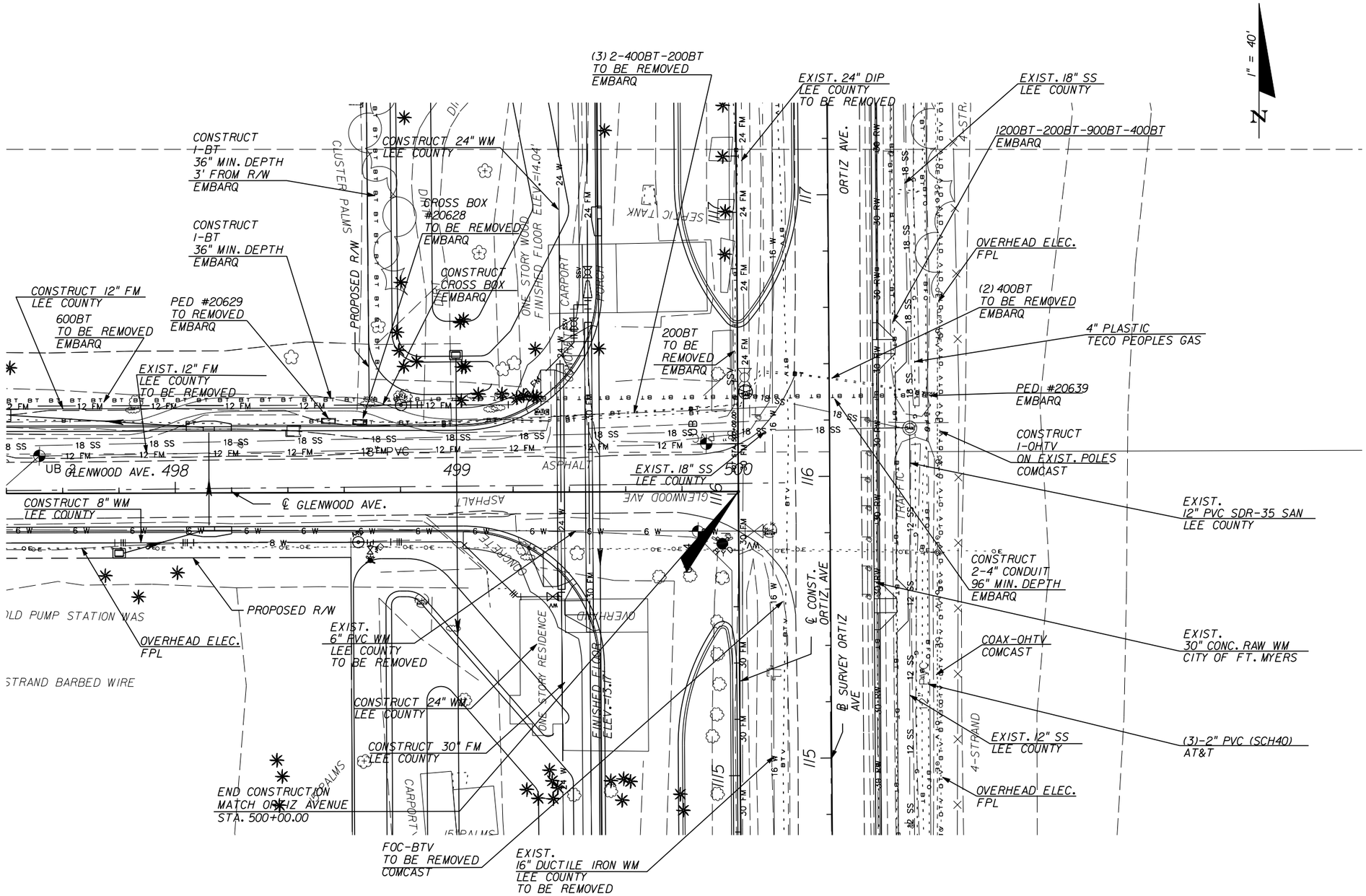

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# UTILITY ADJUSTMENT SHEET (1)
## ORTIZ AVENUE (CR 865)
### GLENWOOD AVENUE

SHEET NO.
427

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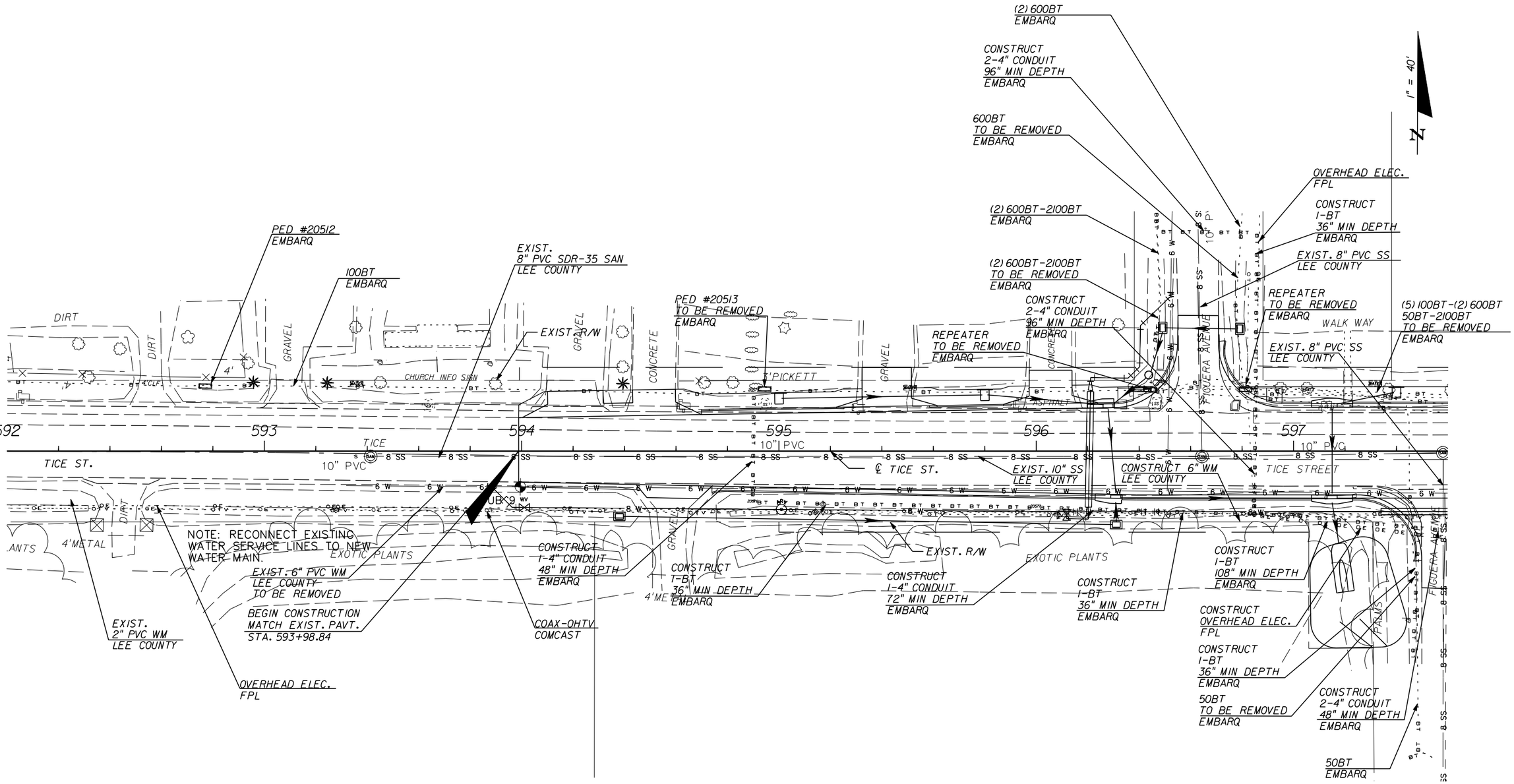

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# UTILITY ADJUSTMENT SHEET (2)
# ORTIZ AVENUE (CR 865)
## GLENWOOD AVENUE

SHEET NO.
428




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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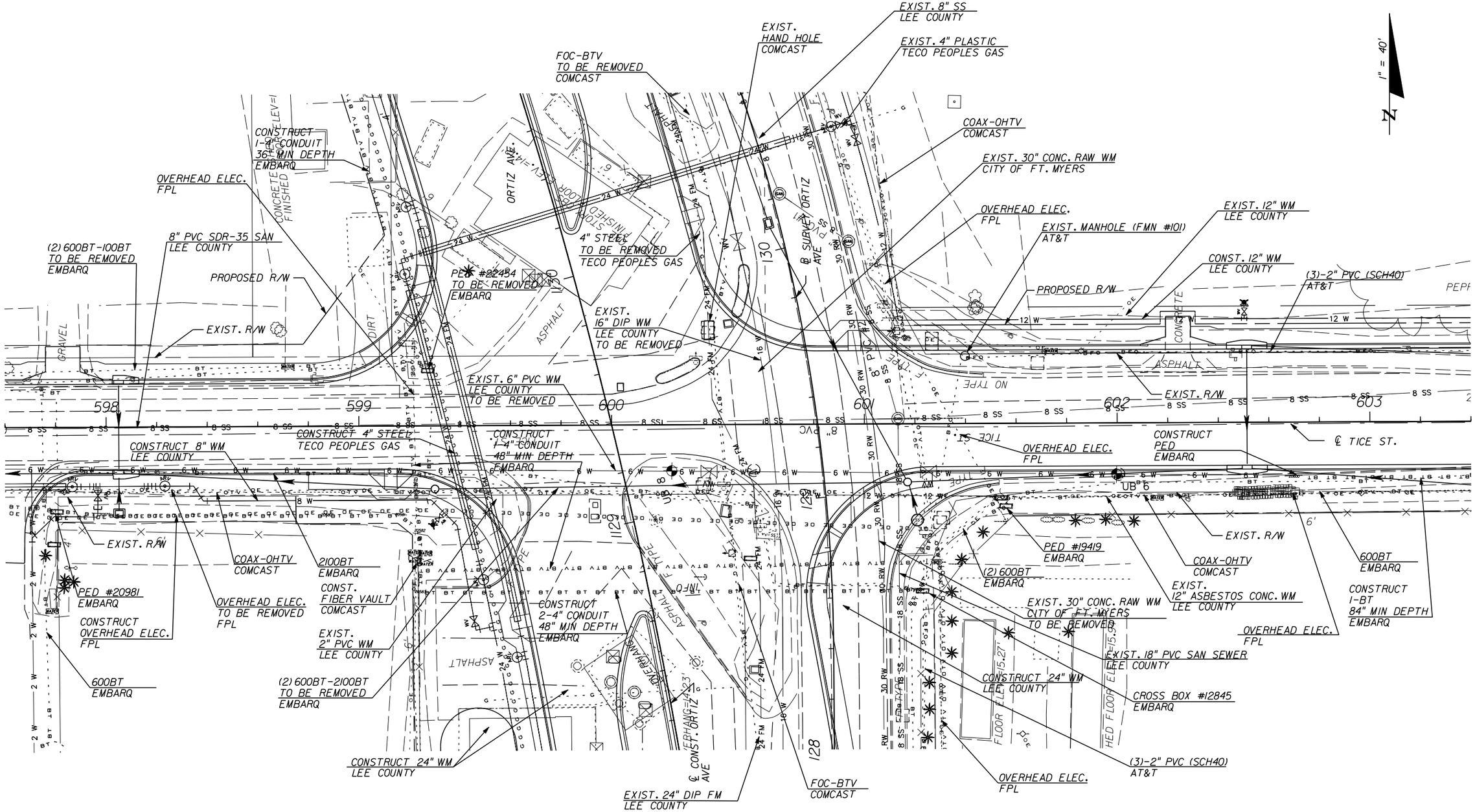

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# UTILITY ADJUSTMENT SHEET (1)
## ORTIZ AVENUE (CR 865)
### TICE STREET

SHEET NO. 429

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| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# UTILITY ADJUSTMENT SHEET (2)
## ORTIZ AVENUE (CR 865)
### TICE STREET

SHEET NO. 430

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G
NEW

NOTE: RECONNECT EXISTING WATER SERVICE LINES TO NEW WATER MAIN.

1" = 40'
N

PEPPERS, PALMS, CYPRESS & OAKS
PROPOSED R/W
CONSTRUCT 12" WM LEE COUNTY
EXIST. R/W
EXIST. 8" PVC SAN LEE COUNTY
PEPPERS, PALMS, CYPRESS & OAKS
(3)-2" PVC (SCH40) AT&T
PEPPERS, PALMS, OAKS & CYPRESS

12 W
BFO
8 SS
24" PVC
30" PVC
VC
604
605
606
607
608
TICE ST.
℄ TICE ST.
EXIST. R/W
DIRT & ROCK
ASPHALT
CONCRETE
4'CLF
BT
OTY
WATER
RE

200-OHT EMBARQ
CONSTRUCT I-BT 36" MIN DEPTH EMBARQ
OVERHEAD ELEC. FPL
COAX-OHTV COMCAST
EXIST. 12" ASBESTOS CONC. WM LEE COUNTY TO BE REMOVED
600BT TO BE REMOVED EMBARQ
CONSTRUCT I-BT 72" MIN DEPTH EMBARQ
CONSTRUCT I-BT 36" MIN DEPTH EMBARQ
PED #3462 EMBARQ
CONSTRUCT I-BT 72" MIN DEPTH EMBARQ
CONSTRUCT I-BT 36" MIN DEPTH EMBARQ
OVERHEAD ELEC. FPL
600BT EMBARQ

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# UTILITY ADJUSTMENT SHEET (3)
## ORTIZ AVENUE (CR 865)
### TICE STREET

SHEET NO. 431

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1" = 40'

N

NOTE: RECONNECT EXISTING WATER SERVICE LINES AS NECESSARY TO MATCH EXIST. PAVT.

CONSTRUCT 12" WM
LEE COUNTY

EXIST.
(3)-2" PVC (SCH40)
AT&T

END CONSTRUCTION
STA. 609+79.80

EXIST. R/W

CONCRETE

609

TICE ST.

610

611

℄ TICE ST.

12" W

6" W

UB

4'CLF

CONSTRUCT 12" WM
W730 LF OF 18"
STEEL CASING
LEE COUNTY

DIRT & ROCK

OVERHEAD ELEC.
TO REMAIN
FPL

COAX-OHTV
TO REMAIN
COMCAST

EXIST. R/W

600BT
TO REMAIN
EMBARQ

EXIST. 12" ASBESTOS CONC. WM
LEE COUNTY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# UTILITY ADJUSTMENT SHEET (4)
# ORTIZ AVENUE (CR 865)
## TICE STREET

SHEET NO.
432

City of Ft. Myers

| SUE Point UBA | Station | Offset | Description | Top of Pipe Elevation | Ground Elevation | Pipe Cover | Comments |
|---|---|---|---|---|---|---|---|
| 1 | 298+61.96 B/L BALLARD | 21.36 RT | 16" DIP FM | 15.19 | 21.91 | 6.72 | |
| 2 | 299+46.21 B/L BALLARD | 21.36 RT | 16" DIP FM | 18.17 | 21.74 | 3.57 | |
| 3 | N/A | | | 0.00 | | | |
| 4 | 198+35.25 B/L LAREDO | 50.46 RT | 16" PVC WM | 17.54 | 20.25 | 2.71 | |
| 5 | 198+95.93 B/L LAREDO | 50.26 RT | 16" PVC WM | 17.09 | 20.09 | 3.00 | |
| 6 | 206+90.23 B/L LAREDO | 23.29 RT | 8" PVC WM/THRUST BLK | 17.20 | 20.25 | 3.05 | TOP OF CASING |
| 7 | 206+99.29 B/L LAREDO | 23.44 RT | 6" PVC WM | 16.30 | 19.93 | 3.63 | |
| 8 | 193+17.45 B/L LAREDO | 16.34 LT | 4" PVC FM | 17.94 | 19.83 | 1.89 | |
| 9 | 193+70.86 B/L LAREDO | 13.30 RT | 10" PVC FM | 17.68 | 19.89 | 2.21 | |
| 10 | 1010+57.82 C/L CONST | 80.91 RT | 20" DIP WM | 14.72 | 18.81 | 4.09 | |
| 11 | 1013+33.65 C/L CONST | 69.96 RT | 20" DIP WM | 18.00 | 20.89 | 2.89 | |
| 12 | 1015+95.77 C/L CONST | 66.75 RT | 20" DIP WM | 17.44 | 20.15 | 2.71 | |
| 13 | 1021+16.66 C/L CONST | 16.40 RT | 12" DIP WM/THRUST BLK | 17.59 | 20.58 | 2.99 | TOP OF CASING |
| 14 | 1020+96.08 C/L CONST | 49.23 RT | 12" DIP WM | 17.78 | 20.62 | 2.84 | |
| 15 | 1021+51.87 C/L CONST | 7.52 RT | 16" PVC PIPE | 17.36 | 20.18 | 2.82 | |
| 16 | N/A | | | 0.00 | | | |
| 17 | 1021+50.15 C/L CONST | 9.20 RT | 16" PVC PIPE | 17.54 | 20.42 | 2.88 | |
| 18 | 1020+65.28 C/L CONST | 165.80 RT | 16" PVC PIPE | 16.86 | 20.51 | 3.65 | |
| 19 | 1030+99.25 C/L CONST | 18.98 LT | 16" DIP WM | 17.54 | 19.74 | 2.20 | |

City of Ft. Myers

| SUE Point TH | Station | Offset | Description | Ground Elevation |
|---|---|---|---|---|
| 1 | 1145+76.34 C/L CONST | 56.79 RT | 30" CONC. RAW WATER | 15.96 |
| 2 | 1139+41.63 C/L CONST | 56.73 RT | 30" CONC. RAW WATER | 15.26 |
| 3 | 1138+69.41 C/L CONST | 56.04 RT | 30" CONC. RAW WATER | 15.56 |
| 4 | 1134+84.44 C/L CONST | 54.25 RT | 30" CONC. RAW WATER | 14.82 |
| 5 | 1133+86.63 C/L CONST | 61.61 RT | 30" CONC. RAW WATER | 15.16 |
| 6 | 1127+38.98 C/L CONST | 71.34 RT | 30" CONC. RAW WATER | 15.03 |
| 7 | N/A | | 30" CONC. RAW WATER | |
| 8 | 1075+82.27 C/L CONST | 52.50 RT | 30" CONC. RAW WATER | 20.96 |
| 9 | 1072+68.05 C/L CONST | 39.60 RT | 30" CONC. RAW WATER | 20.91 |
| 10 | 1070+53.73 C/L CONST | 4.90 RT | 30" CONC. RAW WATER | 21.07 |
| 11 | 1067+98.23 C/L CONST | 20.86 LT | 30" CONC. RAW WATER | 20.52 |
| 12 | 1067+23.96 C/L CONST | 22.55 LT | 30" CONC. RAW WATER | 20.30 |
| 13 | 1064+54.73 C/L CONST | 13.53 RT | 30" CONC. RAW WATER | 21.15 |
| 14 | 1064+34.99 C/L CONST | 16.82 RT | 30" CONC. RAW WATER | 21.30 |
| 15 | 1062+34.56 C/L CONST | 46.77 RT | 30" CONC. RAW WATER | 21.42 |
| 16 | 1038+88.91 C/L CONST | 51.61 RT | 30" CONC. RAW WATER | 22.16 |
| 17 | 1031+06.16 C/L CONST | 53.62 RT | 30" CONC. RAW WATER | 21.79 |
| 18 | 1029+56.42 C/L CONST | 53.69 RT | 30" CONC. RAW WATER | 21.19 |
| 19 | 1027+14.33 C/L CONST | 34.33 RT | 30" CONC. RAW WATER | 18.73 |
| 20 | 1026+39.25 C/L CONST | 18.96 RT | 30" CONC. RAW WATER | 21.27 |
| 21 | 1024+87.11 C/L CONST | 3.00 RT | 30" CONC. RAW WATER | 21.74 |
| 22 | 1023+04.17 C/L CONST | 7.53 LT | 30" CONC. RAW WATER | 21.88 |
| 23 | 1018+27.02 C/L CONST | 7.24 LT | 30" CONC. RAW WATER | 22.27 |
| 24 | 1019+59.23 C/L CONST | 7.47 LT | 30" CONC. RAW WATER | 21.68 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# SUE LOCATES (1)

## ORTIZ AVENUE (CR 865)

SHEET NO. 433

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Lee County

| SUE Point UB | Station | Offset | Description | Top of Pipe Elevation | Ground Elevation | Pipe Cover |
|---|---|---|---|---|---|---|
| 1 | 499+88.66 B/L GLENWOOD | 16.96 LT | 12" DIP FM | 6.72 | 12.61 | 5.89 |
| 2 | 497+51.79 B/L GLENWOOD | 13.30 LT | 12" DIP FM | 6.49 | 11.86 | 5.37 |
| 3 | 497+23.06 B/L GLENWOOD | 12.01 RT | 12" DIP FM | 6.64 | 12.08 | 5.44 |
| 4 | 499+85.66 B/L GLENWOOD | 14.19 RT | 6" AC WM | 9.19 | 12.62 | 3.43 |
| 5 | 494+77.15 B/L GLENWOOD | 11.76 RT | 6" AC WM | 7.47 | 11.16 | 3.69 |
| 6 | 601+99.75 B/L TICE | 20.24 RT | 6" AC WM | 7.48 | 14.81 | 7.33 |
| 7 | 609+57.32 B/L TICE | 20.81 RT | 12" AC WM | 10.30 | 11.83 | 1.53 |
| 8 | 600+23.80 B/L TICE | 18.20 RT | 6" AL WM | 9.25 | 13.72 | 4.47 |
| 9 | 593+99.50 B/L TICE | 13.82 RT | 6" AC WM | 11.79 | 14.91 | 3.12 |
| 10 (1) | 304+67.76 B/L BALLARD | 13.78 RT | NOTHING FOUND | | 19.56 | N/A |
| 10 (2) | 304+51.88 B/L BALLARD | 12.82 RT | NOTHING FOUND | | 19.57 | N/A |
| 10 (3) | 304+45.27 B/L BALLARD | 13.07 RT | NOTHING FOUND | | 19.57 | N/A |
| 11 | 303+54.00 B/L BALLARD | 11.54 RT | 14" DIP | 17.91 | 19.68 | 1.77 |
| 12 | 299+06.55 B/L BALLARD | 39.33 LT | 8" PVC WM | 17.56 | 20.71 | 3.15 |
| 13 | 296+63.76 B/L BALLARD | 34.52 LT | 6" PVC WM | 16.75 | 19.66 | 2.91 |
| 14 | 293+49.52 B/L BALLARD | 14.60 LT | 6" PVC WM | 15.65 | 19.08 | 3.43 |
| UBB 14 | 300+65.33 B/L BALLARD | 22.16 LT | 8" PVC SS | 17.03 | 20.54 | 3.51 |
| 15 | 305+55.52 B/L BALLARD | 16.11 RT | 8" DIP FM | 16.24 | 19.41 | 3.17 |
| 16 | 300+67.61 B/L BALLARD | 13.49 RT | 8" DIP FM | 14.89 | 20.59 | 5.70 |
| 17 | 1064+50.91 C/L CONST. | 43.83 LT | 30" CONC FM | 14.66 | 20.60 | 5.94 |
| 18 | 298+99.89 B/L BALLARD | 25.63 LT | 24" PVC FM | 15.04 | 21.34 | 6.30 |
| 19 | 299+50.22 B/L BALLARD | 27.76 RT | 8" DIP FM | 14.17 | 21.91 | 7.74 |
| 20 | 298+37.88 B/L BALLARD | 28.14 RT | 8" DIP FM | 16.45 | 20.89 | 4.44 |
| 21 | 1064+55.38 C/L CONST. | 62.18 LT | 16" DIP WM | 17.31 | 20.57 | 3.26 |
| 22 | 394+24.98 B/L LUCKETT | 14.83 LT | 2" PVC WATER | 16.89 | 19.32 | 2.43 |
| 23 | 399+70.74 B/L LUCKETT | 63.42 LT | 2" PVC WATER | 17.52 | 20.19 | 2.67 |
| 24 | 1076+87.03 C/L CONST. | 57.76 RT | 12" PVC/DIP W | 15.15 | 19.98 | 4.83 |
| 25 | 400+97.12 B/L LUCKETT | 83.28 LT | 12" PVC WM | 15.60 | 19.93 | 4.33 |
| 26 | 401+07.02 B/L LUCKETT | 51.70 LT | 6" ASB. CONC WM | 17.31 | 19.19 | 1.88 |
| 27 (1) | 402+95.97 B/L LUCKETT | 74.64 LT | 6" AC WM | 15.68 | 19.90 | 4.22 |
| 27 (2) | 402+98.18 B/L LUCKETT | 70.99 LT | 2" COMMUNICATION | 17.02 | 19.20 | 2.18 |
| 27 (3) | 402+98.21 B/L LUCKETT | 69.19 LT | 2" COMMUNICATION | DEPTH NOT GIVEN | 19.00 | N/A |
| 28 | 401+72.43 B/L LUCKETT | 99.38 LT | 8" DIP WATER | 16.90 | 19.65 | 2.75 |
| 29 | 414+09.30 B/L LUCKETT | 94.11 LT | 12" DIP WM | 17.96 | 20.34 | 2.38 |
| 30 | 417+01.71 B/L LUCKETT | 51.39 LT | 12" PVC WM | 16.19 | 19.80 | 3.61 |
| 31 | 420+84.19 B/L LUCKETT | 25.94 LT | 8" PVC FM | 13.34 | 18.16 | 4.82 |
| 32 | 423+42.16 B/L LUCKETT | 44.13 LT | 8" PVC WM | 15.13 | 18.67 | 3.54 |
| 33 | 426+09.21 B/L LUCKETT | 57.49 LT | 8" PVC WM | 15.49 | 20.60 | 5.11 |
| 34 | 414+02.96 B/L LUCKETT | 64.26 LT | 6" PVC WM | 17.36 | 20.13 | 2.77 |
| 35 | 413+74.77 B/L LUCKETT | 35.89 LT | 6" DIP WM | 17.09 | 20.25 | 3.16 |
| 36 | 413+66.24 B/L LUCKETT | 59.69 RT | 6" DIP WM | 17.24 | 19.63 | 2.39 |
| 37 | 417+47.83 B/L LUCKETT | 9.14 LT | 2" PVC WATER | 17.09 | 20.11 | 3.02 |
| 38 | 418+03.45 B/L LUCKETT | 57.86 LT | 8" PVC FM | 17.21 | 19.48 | 2.27 |
| 39 | 421+79.09 B/L LUCKETT | 63.91 LT | 8" PVC FM | 14.74 | 18.50 | 3.76 |
| 40 | 426+18.41 B/L LUCKETT | 85.56 LT | 16" CAST IRON SLEEVE FM | 17.09 | 19.70 | 2.61 |
| 41 | 1010+57.11 C/L CONST. | 66.77 RT | 16" DIP WM | 17.28 | 22.19 | 4.91 |
| 42 | 1013+35.86 C/L CONST | 62.94 RT | 16" DIP WM | 18.63 | 21.85 | 3.22 |
| 43 | INTENTIONALLY LEFT BLANK | | | 0.00 | | |
| 44 | 201+40.98 B/L HIGH COTTON | 35.41 RT | 8" PVC WM | 17.62 | 20.77 | 3.15 |
| 45 | 200+89.73 B/L HIGH COTTON | 19.78 LT | 8" PVC WM | 16.25 | 20.78 | 4.53 |
| 46 | 200+13.34 B/L N. GALAXY | 15.48 RT | NOTHING FOUND | | 19.43 | N/A |
| 47 | 201+05.88 B/L N GALAXY | 16.91 RT | 2" PVC WATER | 20.15 | 21.23 | 1.08 |
| 48 | 200+25.72 B/L MARS | 15.86 LT | 2" PVC WATER | 17.22 | 20.07 | 2.85 |
| 49 | 201+07.25 B/L MARS | 14.44 LT | 2" PVC WATER | 17.11 | 20.15 | 3.04 |
| 50 | 200+66.02 B/L JUPITER | 20.07 LT | 2" STEEL WATER | 16.10 | 19.51 | 3.41 |
| 51 | 201+66.63 B/L JUPITER | 14.66 LT | 2" PVC WATER | 17.07 | 18.96 | 1.89 |
| 52 | 199+81.40 B/L HUNT.GRN. | 10.79 LT | 16" CAST IRON WM | 15.82 | 18.57 | 2.75 |
| 53 | 198+75.35 B/L HUNT.GRN | 13.32 LT | 16" CAST IRON WM | 15.42 | 17.99 | 2.57 |
| 54 | 199+73.09 B/L NOTTINGHAM | 13.06 LT | 6" DIP WM | 15.11 | 18.33 | 3.22 |
| 55 | 198+98.40 B/L NOTTINGHAM | 13.15 LT | 6" DIP WM | 15.06 | 17.80 | 2.74 |
| 56 | 200+56.53 B/L S.BILLYS CRK | 25.77 RT | 6" ASB. CONC WM | 12.92 | 15.25 | 2.33 |
| 57 | 201+02.68 B/L S.BILLYS CRK | 19.79 RT | 6" ASB. CONC WM | 13.14 | 15.33 | 2.19 |
| 58 | 200+60.18 B/L GARY DR | 21.49 RT | 2" PVC WATER | 11.78 | 15.49 | 3.71 |
| 59 | 201+12.42 B/L GARY DR | 15.51 RT | 2" PVC WATER | 12.66 | 15.42 | 2.76 |
| 60 | 200+54.51 B/L N BILLYS CRK | 18.46 LT | 6" PVC WM | 11.51 | 14.82 | 3.31 |
| 61 | 201+10.64 B/L N BILLYS CRK | 17.29 LT | 6" AC WM | 11.58 | 14.08 | 2.50 |
| 62 | 1107+14.80 C/L CONST. | 15.25 RT | 16" STEEL WM | 10.39 | 13.89 | 3.50 |
| 63 | 199+07.65 B/L ZANA DR | 23.00 LT | 6" CAST IRON WM | 9.80 | 12.63 | 2.83 |
| 64 | 1111+05.23 C/L CONST. | 14.67 RT | 16" DIP WM/6" AC WM | 9.28 | 12.40 | 3.12 |
| 65 | 201+55.67 B/L DEAN ST | 13.67 RT | 6" AC WM | 9.37 | 11.63 | 2.26 |
| 66 | 1124+27.52 C/L CONST. | 10.78 RT | 16" DI WM/6" AC WM | 10.23 | 12.94 | 2.71 |
| 67 | 201+09.45 B/L STEWARD DR | 14.37 RT | 10" ASB CONC WM | 10.33 | 13.25 | 2.92 |
| 68 | 1134+97.74 C/L CONST. | 11.73 RT | 16" DIP WM | 10.59 | 13.83 | 3.24 |
| 69 | 200+92.90 B/L ELVAS AVE | 10.87 RT | 16" DIP WM | 8.25 | 15.28 | 7.03 |
| 70 | 200+87.96 B/L GARCIA AVE | 13.06 LT | 6" DIP WM | 12.14 | 15.89 | 3.75 |
| 71 | 201+60.24 B/L GARCIA AVE | 11.75 LT | 6" DIP WM | 12.64 | 15.77 | 3.13 |
| 72 | 1143+69.61 C/L CONST. | 10.09 RT | 24" DIP FM | 12.19 | 16.05 | 3.86 |
| 73 | 1145+49.97 C/L CONST. | 15.36 RT | 2" PVC WATER | 14.05 | 16.25 | 2.20 |
| 74 | 1146+05.25 C/L CONST. | 64.51 LT | 12" DIP FM | 12.23 | 16.68 | 4.45 |
| 75 | 1146+17.27 C/L CONST. | 364.92 LT | 12" DIP | 12.21 | 16.33 | 4.12 |
| 76 | 1145+60.39 C/L CONST. | 6.30 RT | 24" DIP FM | 9.69 | 16.41 | 6.72 |
| 77 | 1146+04.81 C/L CONST. | 27.60 LT | 12" DIP FM | 11.10 | 16.79 | 5.69 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
SHAWN D. SWETS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 60274


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SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


# SUE LOCATES (2)

## ORTIZ AVENUE (CR 865)

SHEET NO. 434

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | | | TOTAL THIS SHEET | | | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | S-6 | | S-7 | | S-8 | | S-9 | | S-10 | | S-11 | | S-12 | | S-13 | | S-14 | | S-15 | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | | |
| 700-20-11 | SINGLE POST SIGN (F&I) (LESS THAN 12) | AS | 4 | | 2 | | 2 | | 3 | | 4 | | 3 | | | | 8 | | 2 | | 3 | | 31 | | | | |
| 700-20-12 | SINGLE POST SIGN (F&I) (12-20) | AS | 1 | | 1 | | | | 2 | | 3 | | 1 | | | | 3 | | | | 4 | | 15 | | | | |
| 700-21-11 | MULTI-POST SIGN (F&I) (50 OR LESS) | AS | 1 | | 1 | | | | | | | | | | | | | | 1 | | | | 3 | | | | |
| 705-10-1 | OBJECT MARKER, POST MOUNTED, TYPE 1 | EA | | | | | 3 | | | | | | | | | | | | | | | | 3 | | | | |
| 705-10-3 | OBJECT MARKER, POST MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| 705-10-3 | OBJECT MARKER, OBJECT MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| 705-11-1 | DELINEATOR, FLEXIBLE TUBULAR | EA | 1 | | 1 | | 1 | | 2 | | 1 | | 1 | | | | 2 | | 2 | | 2 | | 13 | | | | |
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKER | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | W/R | | 97 | | 48 | | 46 | | 37 | | 87 | | 67 | | 36 | | 71 | | 70 | | 102 | | 661 | | | | |
| | Y/Y | | | | | | 14 | | 2 | | 6 | | | | | | 8 | | | | 12 | | 42 | | | | |
| 710-11-111 | PAINT, STANDARD, WHITE, SOLID, 6" | NM | 0.452 | | 0.215 | | 0.300 | | 0.226 | | 0.359 | | 0.281 | | 0.214 | | 0.321 | | 0.229 | | 0.398 | | 2.995 | | | | |
| 710-11-131 | PAINT, STANDARD, WHITE, 10/30 SKIP, 6" | GM | 0.152 | | 0.220 | | 0.197 | | 0.205 | | 0.197 | | 0.197 | | 0.212 | | 0.174 | | 0.212 | | 0.091 | | 1.857 | | | | |
| 710-11-151 | PAINT, STANDARD, WHITE, 2/4 SKIP, 6" | LF | 68 | | | | 18 | | 36 | | 68 | | 68 | | | | 64 | | 2 | | 38 | | 362 | | | | |
| 710-11-190 | REFLECTIVE PAINT, ISLAND NOSE, WHITE | SF | | | | | | | 29 | | | | | | | | | | 32 | | | | 61 | | | | |
| 710-11-211 | PAINT, STANDARD, YELLOW, SOLID, 6" | NM | 0.196 | | 0.206 | | 0.291 | | 0.234 | | 0.235 | | 0.197 | | 0.216 | | 0.218 | | 0.234 | | 0.237 | | 2.264 | | | | |
| 710-11-290 | REFLECTIVE PAINT, ISLAND NOSE, YELLOW | SF | 48 | | 77 | | 112 | | 8 | | 68 | | 68 | | | | 134 | | 16 | | 142 | | 673 | | | | |
| 711-11-122 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" | LF | 96 | | 407 | | 406 | | 266 | | 506 | | 586 | | 159 | | 646 | | 787 | | 884 | | 4743 | | | | |
| 711-11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" | LF | 241 | | | | | | | | | | | | | | | | | | 622 | | 863.000 | | | | |
| 711-11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" | LF | 49 | | 141 | | 139 | | 79 | | 177 | | 209 | | 46 | | 232 | | 260 | | 338 | | 1670 | | | | |
| 711-11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" | LF | 51 | | | | 11 | | 20 | | 53 | | 15 | | | | 42 | | | | 201 | | 393 | | | | |
| 711-11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ONLY | | | | | | | | 1 | | 1 | | | | | | | | | | 1 | | 3 | | | | |
| | SCHOOL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROWS | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RIGHT TURN ARROWS | | 3 | | | | | | 1 | | 5 | | 2 | | | | 2 | | | | 3 | | 16 | | | | |
| | LEFT TURN ARROWS | | 6 | | 3 | | 3 | | 2 | | 5 | | 4 | | 1 | | 5 | | 5 | | 6 | | 40 | | | | |
| | RIGHT TURN/THRU COMBINATION ARROWS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-222 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 8" | LF | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-224 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 18" | LF | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-17 | THERMOPLASTIC, REMOVE | SF | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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APPROVED BY:
AMANDA J. CORRIEA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


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1500 MONROE STREET FORT MYERS, FLORIDA 33901
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TABULATION OF QUANTITIES

SHEET NO. S-1

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | | | TOTAL THIS SHEET | | | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | S-16 | | S-17 | | S-18 | | S-19 | | S-20 | | S-21 | | S-22 | | S-23 | | S-24 | | S-25 | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | | |
| 700-20-11 | SINGLE POST SIGN (F&I) (LESS THAN 12) | AS | 10 | | 7 | | 6 | | 2 | | | | 7 | | 3 | | 4 | | 5 | | 2 | | 46 | | | | |
| 700-20-12 | SINGLE POST SIGN (F&I) (12-20) | AS | 4 | | 4 | | 9 | | | | | | 4 | | 2 | | 1 | | 3 | | | | 27 | | | | |
| 700-21-11 | MULTI-POST SIGN (F&I) (50 OR LESS) | AS | 2 | | | | | | 1 | | | | | | | | | | | | | | 3 | | | | |
| 705-10-1 | OBJECT MARKER, POST MOUNTED, TYPE 1 | EA | | | | | | | | | | | | | | | 3 | | 3 | | | | 6 | | | | |
| 705-10-3 | OBJECT MARKER, POST MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| 705-10-3 | OBJECT MARKER, OBJECT MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | 4 | | | | | | 4 | | | | |
| 705-11-1 | DELINEATOR, FLEXIBLE TUBULAR | EA | 4 | | 3 | | | | 2 | | | | 4 | | | | 2 | | 1 | | 1 | | 17 | | | | |
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKER | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | W/R | | 99 | | 114 | | 83 | | 40 | | 28 | | 47 | | 50 | | 66 | | 56 | | 27 | | 610 | | | | |
| | Y/Y | | 8 | | 22 | | 14 | | | | | | 6 | | 2 | | 4 | | 8 | | | | 64 | | | | |
| 710-11-111 | PAINT, STANDARD, WHITE, SOLID, 6" | NM | 0.460 | | 0.460 | | 0.347 | | 0.218 | | 0.209 | | 0.272 | | 0.217 | | 0.203 | | 0.251 | | 0.205 | | 2.842 | | | | |
| 710-11-131 | PAINT, STANDARD, WHITE, 10/30 SKIP, 6" | GM | 0.205 | | 0.114 | | 0.174 | | 0.220 | | 0.220 | | 0.205 | | 0.220 | | 0.205 | | 0.182 | | 0.205 | | 1.950 | | | | |
| 710-11-151 | PAINT, STANDARD, WHITE, 2/4 SKIP, 6" | LF | 214 | | 79 | | 58 | | 18 | | 10 | | 26 | | 18 | | 36 | | | | 18 | | 477 | | | | |
| 710-11-190 | REFLECTIVE PAINT, ISLAND NOSE, WHITE | SF | 57 | | | | | | 56 | | | | 64 | | | | | | | | | | 177 | | | | |
| 710-11-211 | PAINT, STANDARD, YELLOW, SOLID, 6" | NM | 0.274 | | 0.244 | | 0.279 | | 0.228 | | 0.214 | | 0.262 | | 0.234 | | 0.215 | | 0.221 | | 0.210 | | 2.381 | | | | |
| 710-11-290 | REFLECTIVE PAINT, ISLAND NOSE, YELLOW | SF | 25 | | 42 | | 10 | | 1 | | | | 33 | | | | 134 | | 64 | | 111 | | 420 | | | | |
| 711-11-122 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" | LF | 545 | | 701 | | 725 | | 257 | | | | 399 | | 429 | | 785 | | 624 | | | | 4465 | | | | |
| 711-11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" | LF | | | 788 | | | | | | | | | | | | | | | | | | 788 | | | | |
| 711-11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" | LF | 158 | | 246 | | 274 | | 96 | | | | 113 | | 128 | | 294 | | 226 | | | | 1535 | | | | |
| 711-11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" | LF | 41 | | 234 | | 82 | | | | | | 41 | | 21 | | 25 | | 50 | | | | 494 | | | | |
| 711-11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ONLY | | 2 | | 2 | | 4 | | | | | | 2 | | 1 | | | | 1 | | | | 12 | | | | |
| | SCHOOL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROWS | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RIGHT TURN ARROWS | | 8 | | 5 | | 4 | | | | | | 2 | | 1 | | | | 1 | | | | 21 | | | | |
| | LEFT TURN ARROWS | | 4 | | 9 | | 6 | | 2 | | | | 3 | | 3 | | 4 | | 5 | | | | 36 | | | | |
| | RIGHT TURN/THRU COMBINATION ARROWS | | | | 2 | | | | | | | | | | | | | | | | | | 2 | | | | |
| 711-11-222 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 8" | LF | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-224 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 18" | LF | | | 37 | | | | | | | | | | | | | | | | | | 37 | | | | |
| 711-17 | THERMOPLASTIC, REMOVE | SF | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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TABULATION OF QUANTITIES

SHEET NO. S-2

apeters 10/12/2010 11:47:21 AM p:\leecounty_05-8974or11z\planset\signing\tabqsp02.dgn

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | | | TOTAL THIS SHEET | | | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | S-26 | | S-27 | | S-28 | | S-29 | | S-30 | | S-31 | | S-32 | | S-33 | | S-34 | | S-35 | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | | |
| 700-20-11 | SINGLE POST SIGN (F&I) (LESS THAN 12) | AS | 5 | | 7 | | 5 | | 5 | | 2 | | | | 1 | | 1 | | 2 | | 3 | | 31 | | | | |
| 700-20-12 | SINGLE POST SIGN (F&I) (12-20) | AS | 3 | | | | 2 | | 5 | | | | 3 | | | | | | | | | | 13 | | | | |
| 700-21-11 | MULTI-POST SIGN (F&I) (50 OR LESS) | AS | | | | | 1 | | | | 1 | | | | | | | | | | | | 2 | | | | |
| 705-10-1 | OBJECT MARKER, POST MOUNTED, TYPE 1 | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| 705-10-3 | OBJECT MARKER, POST MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | | |
| 705-10-3 | OBJECT MARKER, OBJECT MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| 705-11-1 | DELINEATOR, FLEXIBLE TUBULAR | EA | | | 2 | | 2 | | | | 2 | | | | | | | | | | | | 6 | | | | |
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKER | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | W/R | | 76 | | 89 | | 42 | | 66 | | 68 | | 23 | | 7 | | 6 | | 12 | | 6 | | 395 | | | | |
| | Y/Y | | 4 | | 10 | | 4 | | 6 | | | | | | 152 | | 120 | | 118 | | 108 | | 522 | | | | |
| 710-11-111 | PAINT, STANDARD, WHITE, SOLID, 6" | NM | 0.292 | | 0.402 | | 0.246 | | 0.421 | | 0.355 | | 0.094 | | 0.226 | | 0.179 | | 0.239 | | 0.179 | | 2.633 | | | | |
| 710-11-131 | PAINT, STANDARD, WHITE, 10/30 SKIP, 6" | GM | 0.189 | | 0.076 | | 0.197 | | 0.091 | | 0.167 | | | | | | | | | | | | 0.720 | | | | |
| 710-11-151 | PAINT, STANDARD, WHITE, 2/4 SKIP, 6" | LF | 88 | | 18 | | 18 | | 116 | | 46 | | | | | | | | | | | | 286 | | | | |
| 710-11-190 | REFLECTIVE PAINT, ISLAND NOSE, WHITE | SF | | | | | 13 | | | | | | | | | | | | | | | | 13 | | | | |
| 710-11-211 | PAINT, STANDARD, YELLOW, SOLID, 6" | NM | 0.231 | | 0.209 | | 0.242 | | 0.252 | | 0.162 | | | | 0.342 | | 0.271 | | 0.296 | | 0.256 | | 2.261 | | | | |
| 710-11-290 | REFLECTIVE PAINT, ISLAND NOSE, YELLOW | SF | | | 129 | | 50 | | | | 79 | | | | | | | | | | | | 258 | | | | |
| 711-11-122 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" | LF | 544 | | 692 | | 290 | | | | | | 383 | | | | | | | | | | 1909 | | | | |
| 711-11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" | LF | | | 583 | | | | | | 590 | | | | | | | | | | | | 1173 | | | | |
| 711-11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" | LF | 194 | | 259 | | 79 | | | | | | 77 | | | | | | | | | | 609 | | | | |
| 711-11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" | LF | 65 | | 173 | | 65 | | 37 | | 92 | | | | | | | | | | | | 432 | | | | |
| 711-11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ONLY | | 1 | | | | 1 | | 9 | | 3 | | 3 | | | | | | | | | | 17 | | | | |
| | SCHOOL | | 2 | | | | 2 | | | | | | | | | | | | | | | | 4 | | | | |
| 711-11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROWS | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RIGHT TURN ARROWS | | 3 | | 2 | | 1 | | 3 | | 2 | | 3 | | | | | | | | | | 14 | | | | |
| | LEFT TURN ARROWS | | 3 | | 6 | | 2 | | 10 | | 7 | | | | 2 | | 1 | | 3 | | 2 | | 36 | | | | |
| | RIGHT TURN/THRU COMBINATION ARROWS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-222 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 8" | LF | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-224 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 18" | LF | | | | | | | | | | | | | 251 | | 205 | | 214 | | 192 | | 862 | | | | |
| 711-17 | THERMOPLASTIC, REMOVE | SF | | | | | | | | | | | 35 | | | | | | | | | | 35 | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


TABULATION OF QUANTITIES

SHEET NO. S-3

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | | | TOTAL THIS SHEET | | GRAND TOTAL | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | S-36 | | S-37 | | S-38 | | S-39 | | S-40 | | S-41 | | S-42 | | S-43 | | S-44 | | S-45 | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | |
| 700-20-11 | SINGLE POST SIGN (F&I) (LESS THAN 12) | AS | 2 | | 2 | | 8 | | 3 | | 1 | | 1 | | 2 | | 4 | | 2 | | | | 25 | | 133 | | |
| 700-20-12 | SINGLE POST SIGN (F&I) (12-20) | AS | | | 2 | | 3 | | | | | | 1 | | 1 | | 2 | | | | | | 9 | | 64 | | |
| 700-21-11 | MULTI-POST SIGN (F&I) (50 OR LESS) | AS | | | 2 | | | | | | 1 | | | | | | | | | | | | 3 | | 11 | | |
| 705-10-1 | OBJECT MARKER, POST MOUNTED, TYPE 1 | EA | | | | | | | | | | | | | | | | | | | | | | | 9 | | |
| 705-10-3 | OBJECT MARKER, POST MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 705-10-3 | OBJECT MARKER, OBJECT MOUNTED, TYPE 3 | EA | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 705-11-1 | DELINEATOR, FLEXIBLE TUBULAR | EA | | | | | 2 | | 2 | | | | 1 | | | | | | | | | | 5 | | 41 | | |
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKER | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | W/R | | 16 | | 109 | | 39 | | 40 | | 56 | | 22 | | 7 | | 7 | | 25 | | | | 321 | | 1987 | | |
| | Y/Y | | 164 | | 16 | | 46 | | | | | | | | 116 | | 124 | | 52 | | 34 | | 552 | | 1180 | | |
| 710-11-111 | PAINT, STANDARD, WHITE, SOLID, 6" | NM | 0.227 | | 0.728 | | 0.454 | | 0.219 | | 0.309 | | 0.124 | | 0.232 | | 0.209 | | 0.311 | | 0.078 | | 2.891 | | 11.361 | | |
| 710-11-131 | PAINT, STANDARD, WHITE, 10/30 SKIP, 6" | GM | | | 0.121 | | 0.212 | | 0.220 | | 0.220 | | 0.045 | | | | | | | | | | 0.818 | | 5.345 | | |
| 710-11-151 | PAINT, STANDARD, WHITE, 2/4 SKIP, 6" | LF | | | 68 | | 28 | | 8 | | 68 | | | | | | | | | | | | 172 | | 1297 | | |
| 710-11-190 | REFLECTIVE PAINT, ISLAND NOSE, WHITE | SF | | | | | 6 | | 6 | | | | | | | | | | | | | | 12 | | 263 | | |
| 710-11-211 | PAINT, STANDARD, YELLOW, SOLID, 6" | NM | 0.321 | | 0.358 | | 0.487 | | 0.223 | | 0.215 | | 0.044 | | 0.310 | | 0.305 | | 0.288 | | 0.140 | | 2.691 | | 9.597 | | |
| 710-11-290 | REFLECTIVE PAINT, ISLAND NOSE, YELLOW | SF | | | | | 6 | | 6 | | | | 5 | | | | | | | | | | 17 | | 1368 | | |
| 711-11-122 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" | LF | | | | | 258 | | 234 | | | | | | | | | | | | | | 492 | | 11609 | | |
| 711-11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" | LF | | | | | | | | | | | | | | | | | | | | | | | 2824 | | |
| 711-11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" | LF | | | | | 36 | | 33 | | | | | | | | | | | | | | 69 | | 3883 | | |
| 711-11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" | LF | | | | | 32 | | | | | | 51 | | 14 | | 62 | | | | | | 159 | | 1478 | | |
| 711-11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ONLY | | | | 6 | | 2 | | | | | | | | | | | | | | | | 8 | | 40 | | |
| | SCHOOL | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | 5 | | |
| 711-11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROWS | EA | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RIGHT TURN ARROWS | | | | 3 | | 2 | | | | 2 | | 1 | | | | | | 2 | | | | 10 | | 61 | | |
| | LEFT TURN ARROWS | | 2 | | 12 | | 2 | | 2 | | 3 | | 1 | | 2 | | 2 | | 4 | | | | 30 | | 142 | | |
| | RIGHT TURN/THRU COMBINATION ARROWS | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 711-11-222 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 8" | LF | | | | | | | | | | | | | | | | | | | | | | | | | |
| 711-11-224 | THERMOPLASTIC, STANDARD, YELLOW SOLID, 18" | LF | 421 | | | | 63 | | | | | | | | 186 | | 168 | | 93 | | 40 | | 971 | | 1870 | | |
| 711-17 | THERMOPLASTIC, REMOVE | SF | | | | | | | | | | | | | | | | | | | | | | | 35 | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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TABULATION OF QUANTITIES

SHEET NO. S-4

## SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. ALL FLORIDA ROUTE MARKERS MUST CONFORM TO F.D.O.T. DESIGN STANDARDS INDEX No. 17355.

2. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE F.D.O.T. DESIGN STANDARDS INDEX.

3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LENGTH OF COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.

4. REFER TO F.D.O.T. DESIGN STANDARDS INDEX. No. 17352 FOR RETRO-REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.

5. PAINT ALL MEDIAN NOSES AND RAISED ISLAND NOSES REFLECTIVE WHITE OR REFLECTIVE YELLOW AS INDICATED IN THE PLANS.

6. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

7. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.

8. ALL ROUTE MARKER AUXILIARIES SHALL MATCH THE COLOR COMBINATION OF THE RESPECTIVE MARKER WHICH THEY SUPPLEMENT.

9. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN THE PAY ITEM No. 102-1 IN THE SUMMARY OF ROADWAY PAY ITEMS.

10. CONTRACTOR SHALL USE W-SHAPE STEEL POSTS FOR MULTI-POST SIGNS. ALL COLUMNS (POSTS) FOR SINGLE COLUMN SIGNS SHALL BE ALUMINUM ROUND TUBE.

11. ALL SINGLE COLUMN SIGNS WITHIN THE LIMITS OF CLEARING AND GRUBBING SHALL BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS. PAYMENT SHALL BE REFLECTED IN THE PAY ITEM No. 110-1-1 IN THE SUMMARY OF ROADWAY PAY ITEMS.

12. THE CONTRACTOR SHALL APPLY THERMOPLASTIC AS THE FINAL TRAFFIC STRIPES AND MARKINGS A MINIMUM OF 30 DAYS AFTER THE FIRST APPLICATION OF PAINT BUT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

13. PAY ITEM 711-7: SHALL INCLUDE THE WATER BLASTING METHOD OR OTHER APPROVED METHODS AS DETERMINED BY THE ENGINEER.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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CERTIFICATE OF AUTHORIZATION NO. 3114

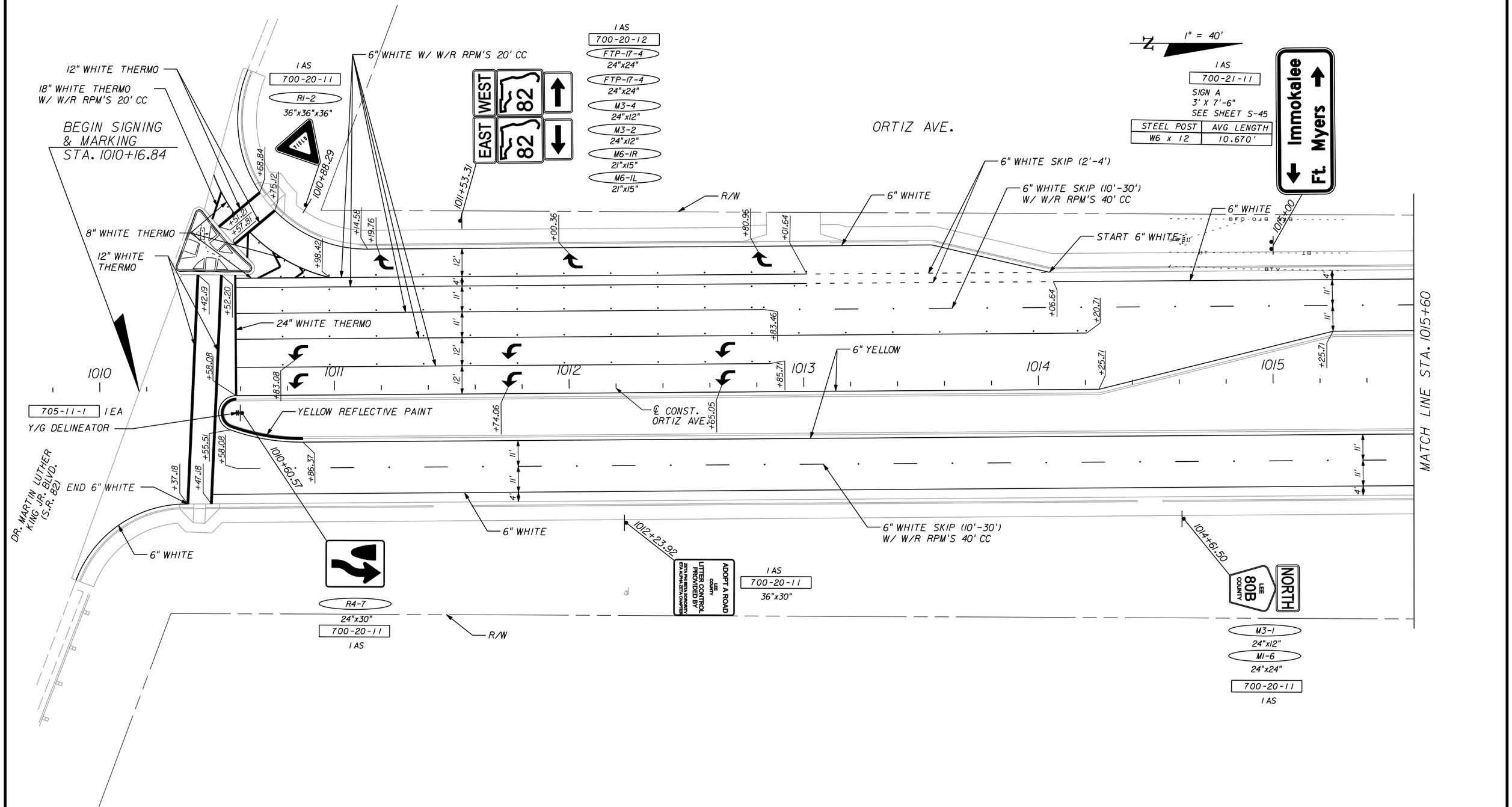
APPROVED BY:
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SOUTHWEST FLORIDA
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# GENERAL NOTES

SHEET NO. S-5

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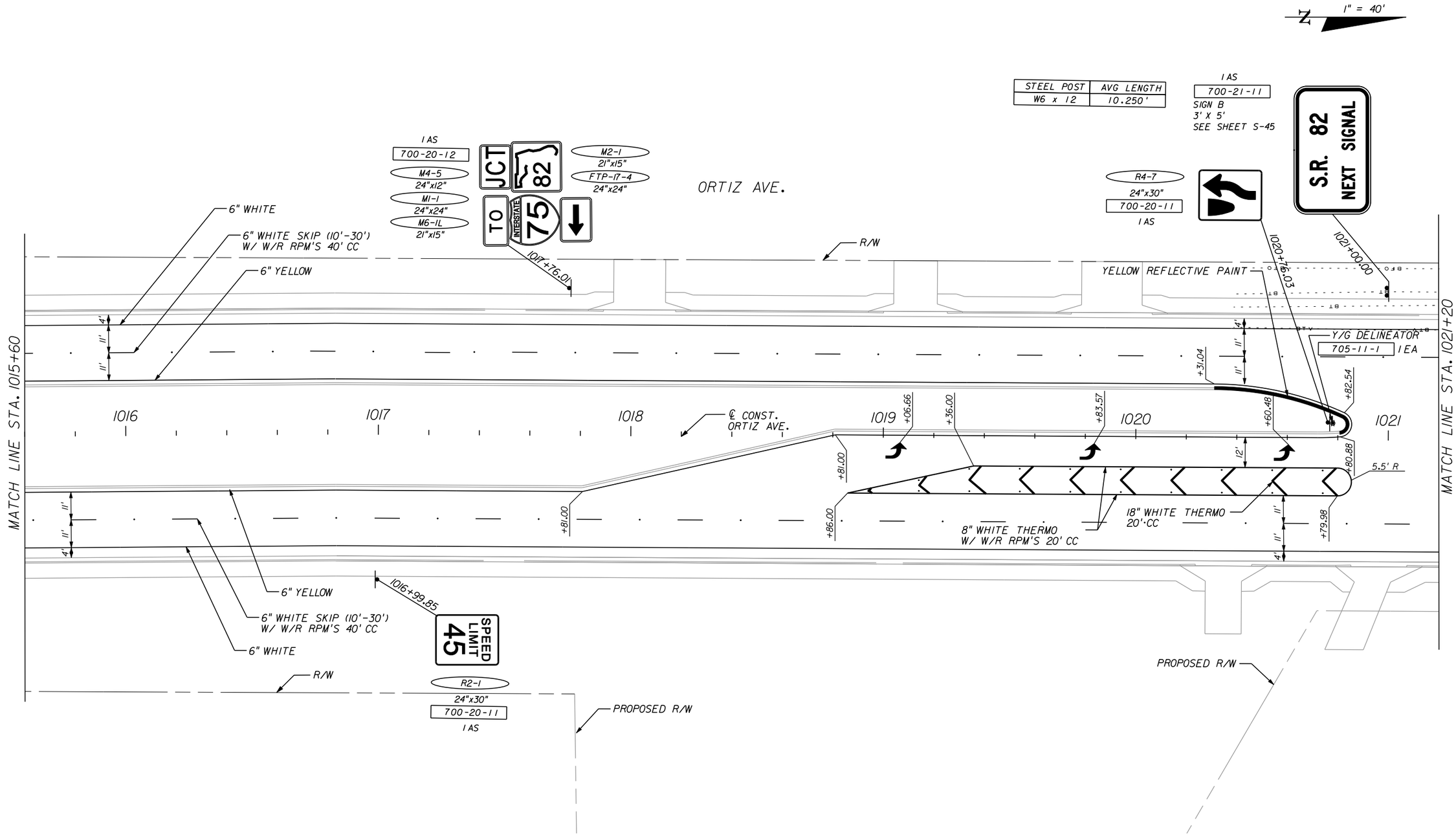

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-6

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CERTIFICATE OF AUTHORIZATION NO. 3114

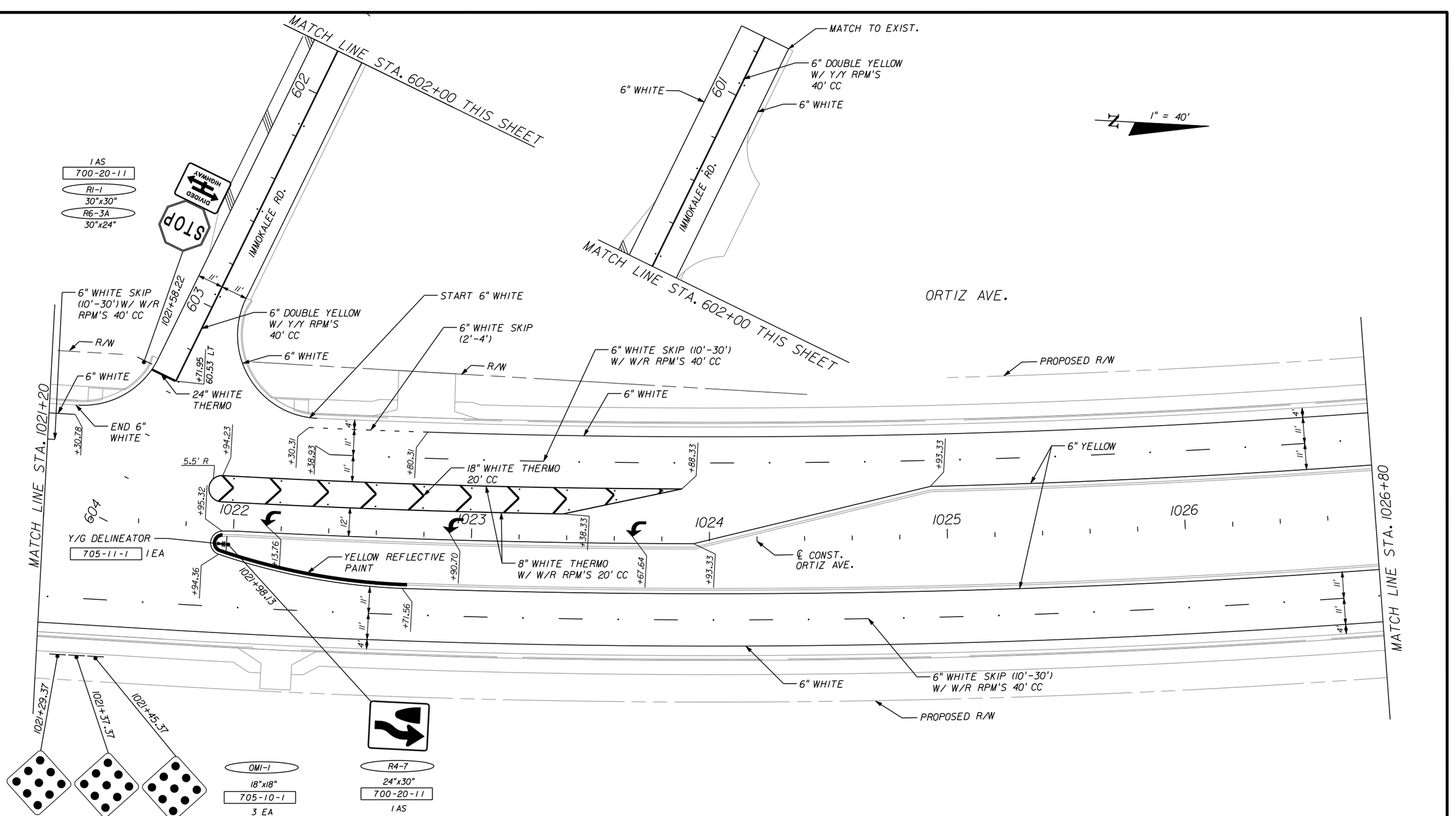

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LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
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1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-7

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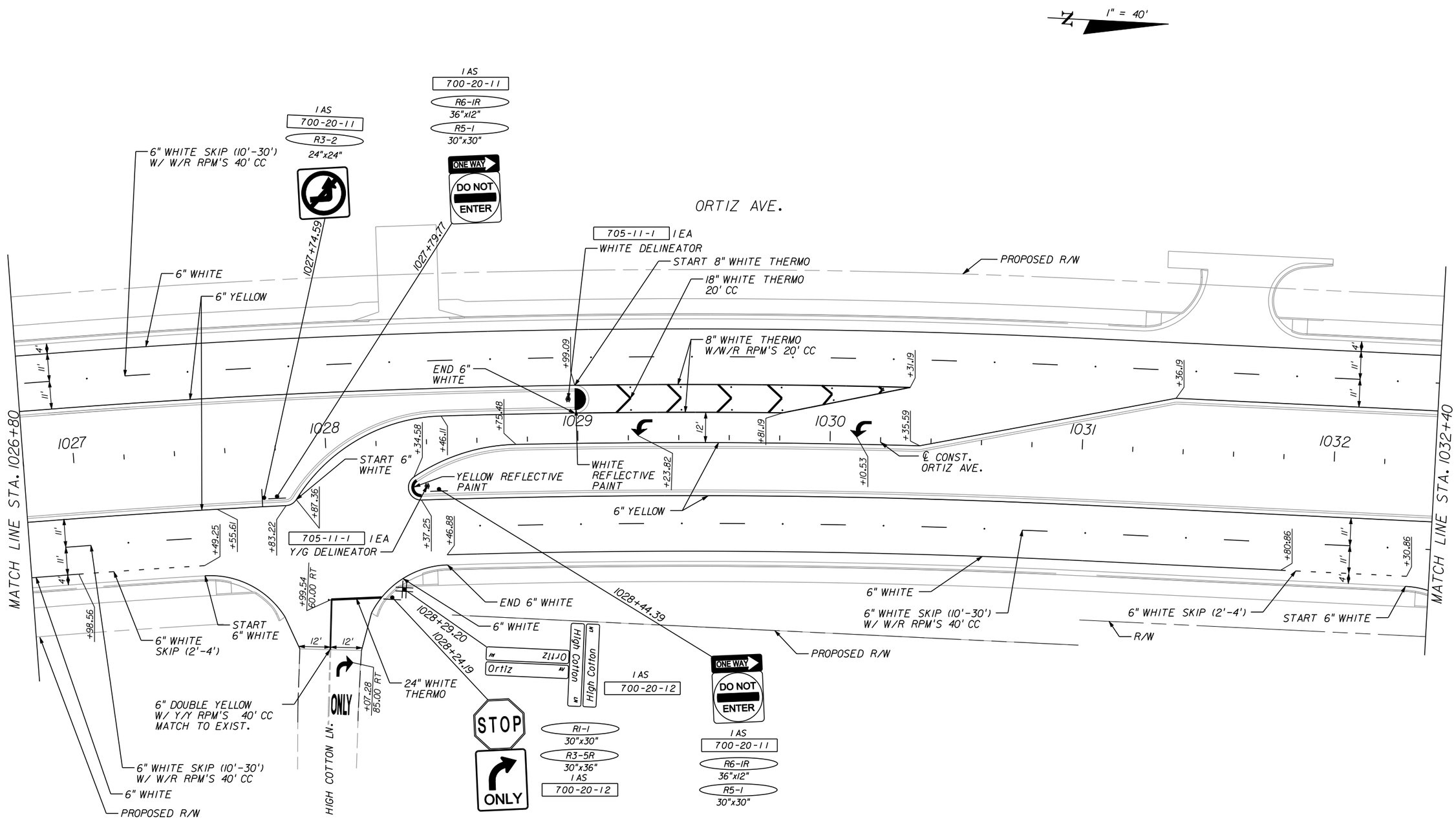

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

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S-8

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-9

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1" = 40'

ORTIZ AVE.

MATCH LINE STA. 1032+40
SEE SHEET S-31

MATCH LINE STA. 1038+00
SEE SHEET S-31

MATCH LINE STA. 201+20
SEE SHEET S-32

LAREDO AVE.

R6-1R 36"x12"
OM1-1 18"x18"
700-20-11 1 AS

ONE WAY

6" WHITE
6" YELLOW
6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC
PROPOSED R/W

1032+78.36

R2-1 24"x30"
700-20-11 1 AS

SPEED LIMIT 45

1035+99.34

1033 1034 1035 1036 1037

℄ CONST. ORTIZ AVE.

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" WHITE
6" WHITE
24" WHITE THERMO

+78.36 60.00 RT

1033+02.14
1033+06.80

12' 12'

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC
MATCH TO EXIST.

ONLY

KIM LN.

+86.69 85.00 RT

R1-1 30"x30"
R3-5R 30"x36"
700-20-12 1 AS

STOP
ONLY

Ortiz AV
Kim ST
Kim ST
Ortiz AV

1 AS 700-20-12

+24.66
+87.00
+87.00
+92.00
+12.77
+41.97
+11.87
+10.97
+25.66
+37.98
+29.66
+74.66
+48.88
+36.28
+23.68
+11.35
+17.09
+27.83
+41.41

6" WHITE W/ W/R RPM'S 20' CC
6" WHITE SKIP (2'-4')
6" WHITE
PROPOSED R/W

18" WHITE THERMO 20' CC
8" WHITE THERMO W/ W/R RPM'S 20' CC

5.5' R

1 AS 700-20-11
R1-1 30"x30"
R6-3 30"x24"

DIVIDED HIGHWAY

STOP

6" WHITE W/ W/R RPM'S 20' CC

199+06.89 ℄ LAREDO AVE.
199+10.46 ℄ LAREDO AVE.

R4-7 24"x30"
700-20-11 1 AS

1 AS 700-20-12

Ortiz AV
Laredo AV
Laredo AV
Ortiz AV

LAREDO AVE. 6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

+86.01 ℄ LAREDO
+10.99 ℄ LAREDO

11' 12'

24" WHITE THERMO
6" WHITE

END 6" WHITE

+28.68
+90.78
+39.26

1037+32.47

YELLOW REFLECTIVE PAINT

705-11-1 1 EA
Y/G DELINEATOR

+86.85 ℄ LAREDO
+04.02 ℄ LAREDO

12'

6" WHITE
6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-10


apeters
10/12/2010 11:48:53 AM p:\leecounty_05-8974ortiz\planset\signing\PLANSP05.DGN

1" = 40'

LAREDO AVE.

MATCH LINE STA. 198+80
SEE SHEET S-31

ORTIZ AVE.

6" WHITE

6" WHITE W/ W/R RPM'S 20' CC

6" WHITE SKIP (2'-4')

PROPOSED R/W

START 6" WHITE

6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

6" WHITE

18" WHITE THERMO
20' CC

8" WHITE THERMO
W/ W/R RPM'S 20'CC

5.5' R

IEA 705-11-1
Y/G DELINEATOR

6" YELLOW

℄ CONST.
ORTIZ AVE.

YELLOW
REFLECTIVE
PAINT

24" WHITE
THERMO

6" WHITE

END 6" WHITE

6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

6" WHITE

PROPOSED R/W

R/W

200+75.81
℄ LAREDO AVE.

200+79.19
℄ LAREDO AVE.

Ortiz

Laredo

6" WHITE
W/ W/R
RPM'S 20' CC

1038+59.69

1041+22.00

700-20-12
I AS

R1-1
30"x30"

R6-3
30"x24"

700-20-11
I AS

R4-7
24"x30"

700-20-11
I AS

R2-1
24"x30"

700-20-11
I AS

SPEED LIMIT 45

STOP

DIVIDED HIGHWAY

1038 | 200 | 1038+00 | 102 | 1039 | 1040 | 1041 | 1042 | 1043

MATCH LINE STA. 1038+00

MATCH LINE STA. 1043+60

MATCH LINE STA. 201+20
SEE SHEET S-32

LAREDO AVE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
AMANDA J. CORREIA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

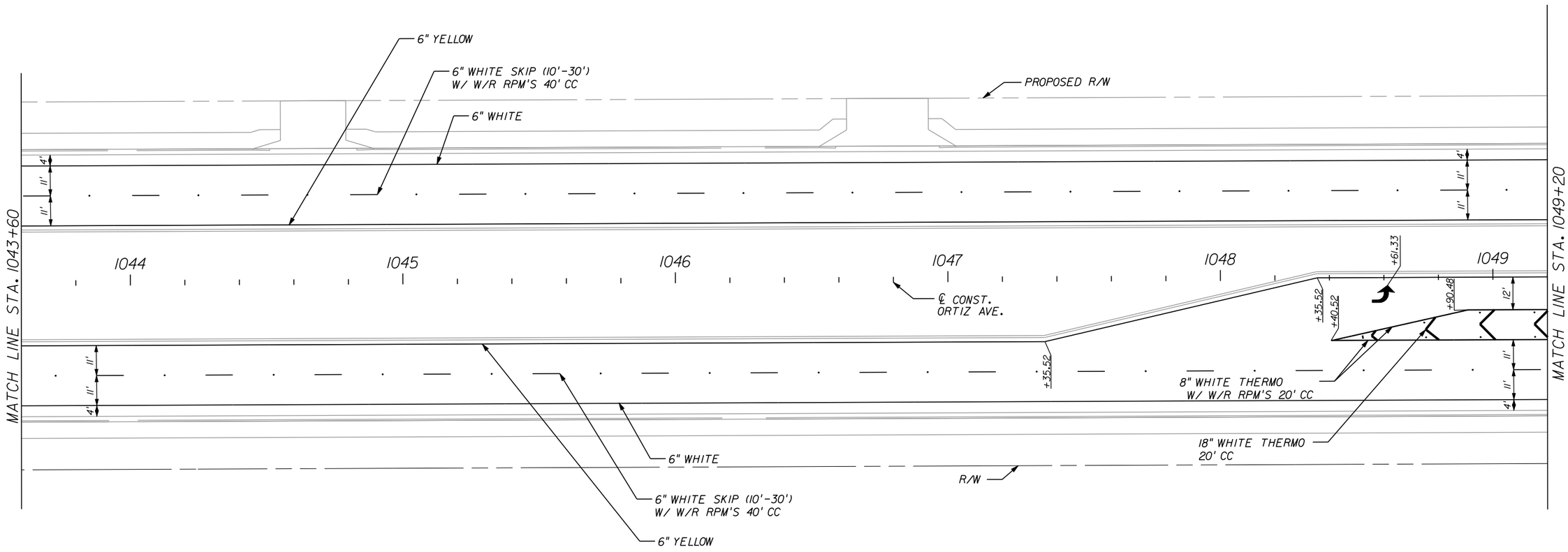

# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-11

apeters
10/12/2010 11:49:07 AM p:\leecounty_05-8974ortiz\planset\signing\plansp06.dgn

1" = 40'

ORTIZ AVE.




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


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LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-12

apeters
10/12/2010 11:49:19 AM p:\leecounty_05-8974ortiz\planset\signing\planspO7.dgn

1" = 40'

E. MICHIGAN AV.

ORTIZ AVE.

MATCH TO EXIST.

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

6" WHITE

1050+56.51

1050+53.13

1049+76.05

PROPOSED R/W

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" YELLOW

START 6" WHITE

24" WHITE THERMO

END 6" WHITE

Y/G DELINEATOR 705-11-1 1EA

YELLOW REFLECTIVE PAINT

1050

1051

1052

1053

1054

5.5' R

12'

11'

4'

+83.27 60.00 LT

+83.86 60.00 RT

+56.32

+45.59

+35.90

+31.24

+32.32

+29.48

+29.43

+30.13

+69.01

+58.18

+57.33

+66.24

+72.66

+16.24

+22.81

+27.81

+09.21

+10.80

+35.92

+37.68

+36.03

+10.73

+37.77

+35.16

+07.98

+87.45

+37.45

+02.13

+36.12

+32.57

+33.35

+20.13

6" WHITE W/ W/R RPM'S 20' CC

8" WHITE THERMO W/ W/R RPM'S 20' CC

18" WHITE THERMO 20' CC

6" WHITE SKIP (2'-4')

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" YELLOW

6" WHITE

END 6" WHITE

REFLECTIVE YELLOW PAINT

℄ CONST. ORTIZ AVE.

R/W

MATCH LINE STA. 1049+20

MATCH LINE STA. 1054+80

1050+31.28

1051+09.11

1051+12.35

1052+77.43

1054+23.84

1054+31.37

1054+74.15

E. MICHIGAN AV.

MATCH TO EXIST.

24" WHITE THERMO

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

8" WHITE THERMO W/ W/R RPM'S 20' CC

START 6" WHITE

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" WHITE SKIP (2'-4')

18" WHITE THERMO 20' CC

6" WHITE

6" YELLOW

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

END 6" WHITE

6" WHITE SKIP (2'-4')

R/W

1AS 700-20-11 36"x30"
ADOPT A ROAD LEE COUNTY LITTER CONTROL PROVIDED BY TAU SIGMA CHAPTER OF ALPHA XI ZETA SORORITY, INC

1AS 700-20-12
W14-1AR 36"x8"
W14-1AL 36"x8"
Ortiz AV
Ortiz AV

ONE WAY
DEAD END
E. Michigan AV
E. Michigan AV
DEAD END

1AS 700-20-11
R1-1 30"x30"
R6-3 30"x24"
STOP
DIVIDED HIGHWAY

1AS 700-20-11
R4-7 24"x30"

1AS 700-20-11
R4-7 24"x30"

1AS 700-20-11
705-11-1 1EA
Y/G DELINEATOR

1AS 700-20-11
R4-7 24"x30"

1AS 700-20-11
R1-1 30"x30"
R6-3 30"x24"
STOP
DIVIDED HIGHWAY

Ortiz AV
Ortiz AV
E. Michigan AV
E. Michigan AV

1AS 700-20-12

1AS 700-20-11
36"x30"
ADOPT A ROAD LEE COUNTY LITTER CONTROL PROVIDED BY TAU SIGMA CHAPTER OF ALPHA XI ZETA SORORITY, INC

1AS 700-20-11
R3-2 24"x24"

1AS 700-20-11
R6-1R 36"x12"
R5-1 30"x30"

ONE WAY
DO NOT ENTER

1AS 700-20-11
R1-1 30"x30"
R3-5R 30"x36"
STOP
ONLY

1AS 700-20-12

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
AMANDA J. CORREIA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
1500 MONROE STREET
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm
DEPARTMENT of TRANSPORTATION
FORT MYERS, FLORIDA 33901


# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-13

apeters
10/12/2010 11:49:27 AM p:\leecounty_05-8974ortiz\planset\signing\plansp08.dgn

1" = 40'

ORTIZ AVE.

18" WHITE THERMO
20' CC

8" WHITE THERMO
W/ W/R RPM'S 20' CC

6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

6" WHITE

PROPOSED R/W

705-11-1 1 EA

WHITE DELINEATOR

6" YELLOW

END 8" WHITE THERMO

WHITE REFLECTIVE PAINT

6" WHITE

YELLOW REFLECTIVE PAINT 705-11-1 1 EA

Y/G DELINEATOR

END 8" WHITE THERMO

6" YELLOW

℄ CONST.
ORTIZ AVE.

8" WHITE THERMO
W/ W/R RPM'S 20' CC

18" WHITE THERMO
20' CC

R/W

6" WHITE SKIP (2'-4')

6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

6" WHITE W/ W/R RPM'S 20 CC

1 AS
700-20-11
R6-1R
36"x12"
R5-1
30"x30"

1 AS
700-20-11
30"x36"

SIGN C
3' X 5'
SEE SHEET S-45

700-21-11
1 AS

| STEEL POST | AVG LENGTH |
|---|---|
| W6 x 12 | 10.250' |

MATCH LINE STA. 1054+80

MATCH LINE STA. 1060+40

1055 1056 1057 1058 1059 1060

+82.19 +84.88 +84.87 +94.77 +22.55 +47.45 +72.45 +66.42 +60.37 +25.00 +54.32 +80.00 +70.00 +75.00 +95.63 +25.00 +33.47

11' 4' 12'

1054+91.28

1056+00.00

1058+00.00

ONE WAY
DO NOT ENTER

Ballard Rd
NEXT SIGNAL

IN LEE COUNTY DIAL 9-1-1 FOR EMERGENCY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
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CERTIFICATE OF AUTHORIZATION NO. 3114


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PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-14

apeters

10/12/2010 11:49:42 AM p:\leecounty_05-8974ortiz\planset\signing\plansp09.dgn

1" = 40'

ORTIZ AVE.

MATCH LINE STA. 299+00
SEE SHEET S-33

MATCH LINE STA. 1060+40

MATCH LINE STA. 1066+00

MATCH LINE STA. 301+40
SEE SHEET S-34

BALLARD RD.

S. GALAXY DR.

SPEED LIMIT 45

1 AS
700-20-11
R2-1
24"x30"

1060+98.76

6" WHITE
6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

PROPOSED R/W

YELLOW REFLECTIVE PAINT

6" YELLOW

1061

1062

℄ CONST.
ORTIZ AVE.

1063

1064

1065

1066

18" WHITE THERMO
20' CC

8" WHITE THERMO
W/ W/R RPM'S 20' CC

1061+20.00

6" WHITE

R/W

6" WHITE W/ W/R RPM'S 20' CC

24" WHITE THERMO

12" WHITE THERMO

START 6" WHITE

END 6" WHITE

6" WHITE
SKIP (2'-4')

705-11-1 1 EA
Y/G DELINEATOR

6" WHITE W/ W/R RPM'S 20' CC

6" DOUBLE YELLOW W/
Y/Y RPM'S 40' CC

18" WHITE THERMO
20' CC

8" WHITE THERMO
W/ W/R RPM'S 20' CC

6" WHITE W/ W/R
RPM'S 20' CC

1065+13.56

1065+46.81

R6-1R
36"x12"
OM1-1
18"x18"
700-20-11
1 AS
ONE WAY

ONLY
STOP
1 AS
700-20-12
R1-1
30"x30"
R3-5R
30"x36"

24" WHITE THERMO
MATCH TO EXIST.
6" DOUBLE YELLOW W/
Y/Y RPM'S 40' CC

6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

END 6" WHITE
24" WHITE
THERMO

1064+60.00

1065+40.23

1065+42.60

M4-5
24"x12"
M1-1
24"x24"
M6-3
21"x15"
1 AS
700-20-11

M2-1
21"x15"
M1-6
24"x24"
M4-5
24"x12"
M1-1
24"x24"
M6-1R
21"x15"
1 AS
700-20-12

6" DOUBLE YELLOW W/
Y/Y RPM'S 40' CC

6" WHITE W/
W/R RPM'S 20' CC

MATCH TO EXIST.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
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CERTIFICATE OF AUTHORIZATION NO. 3114


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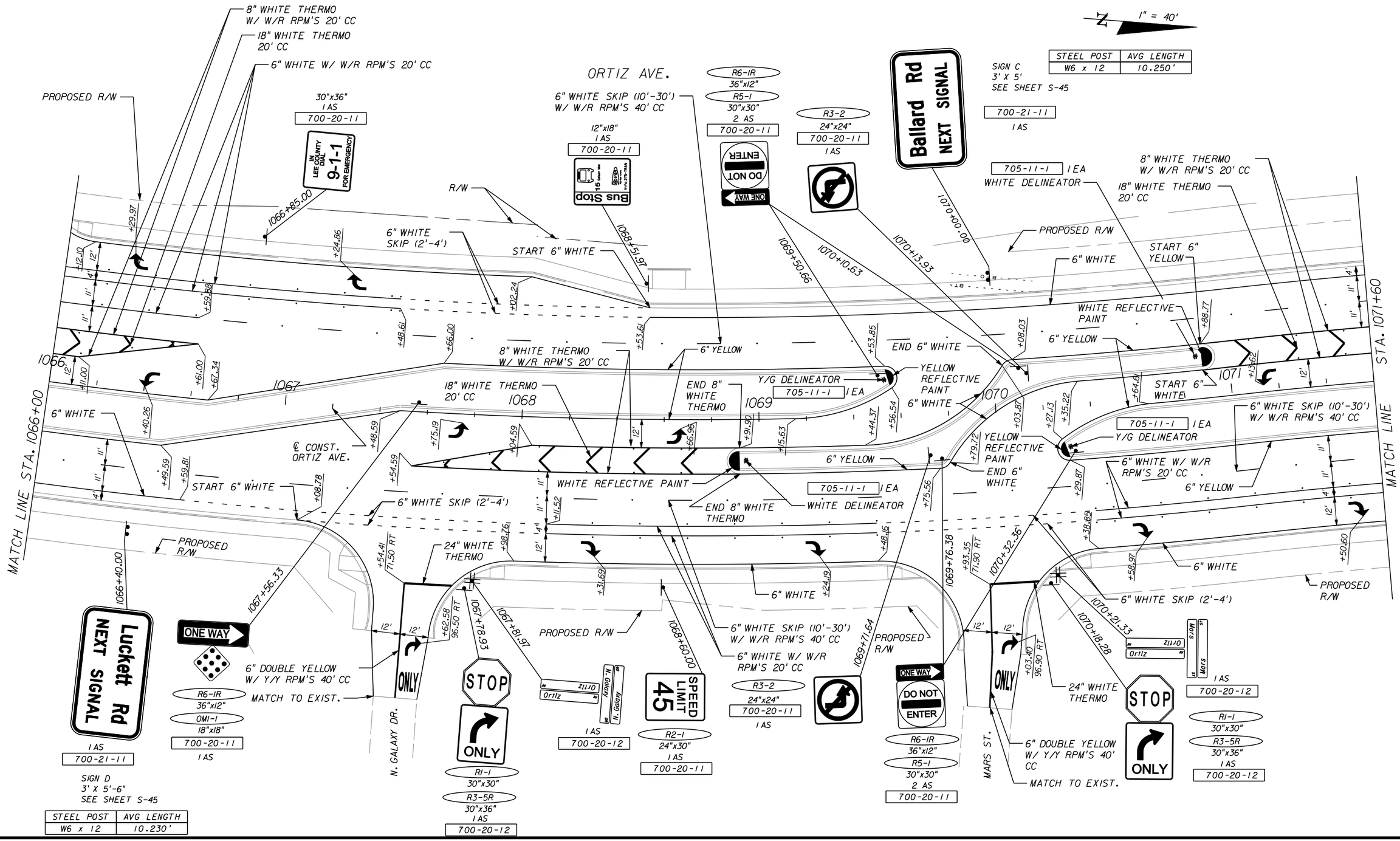

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


apeters

# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-15

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TAMPA, FLORIDA 33610
TELEPHONE (888)627-4144
FAX (813)664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

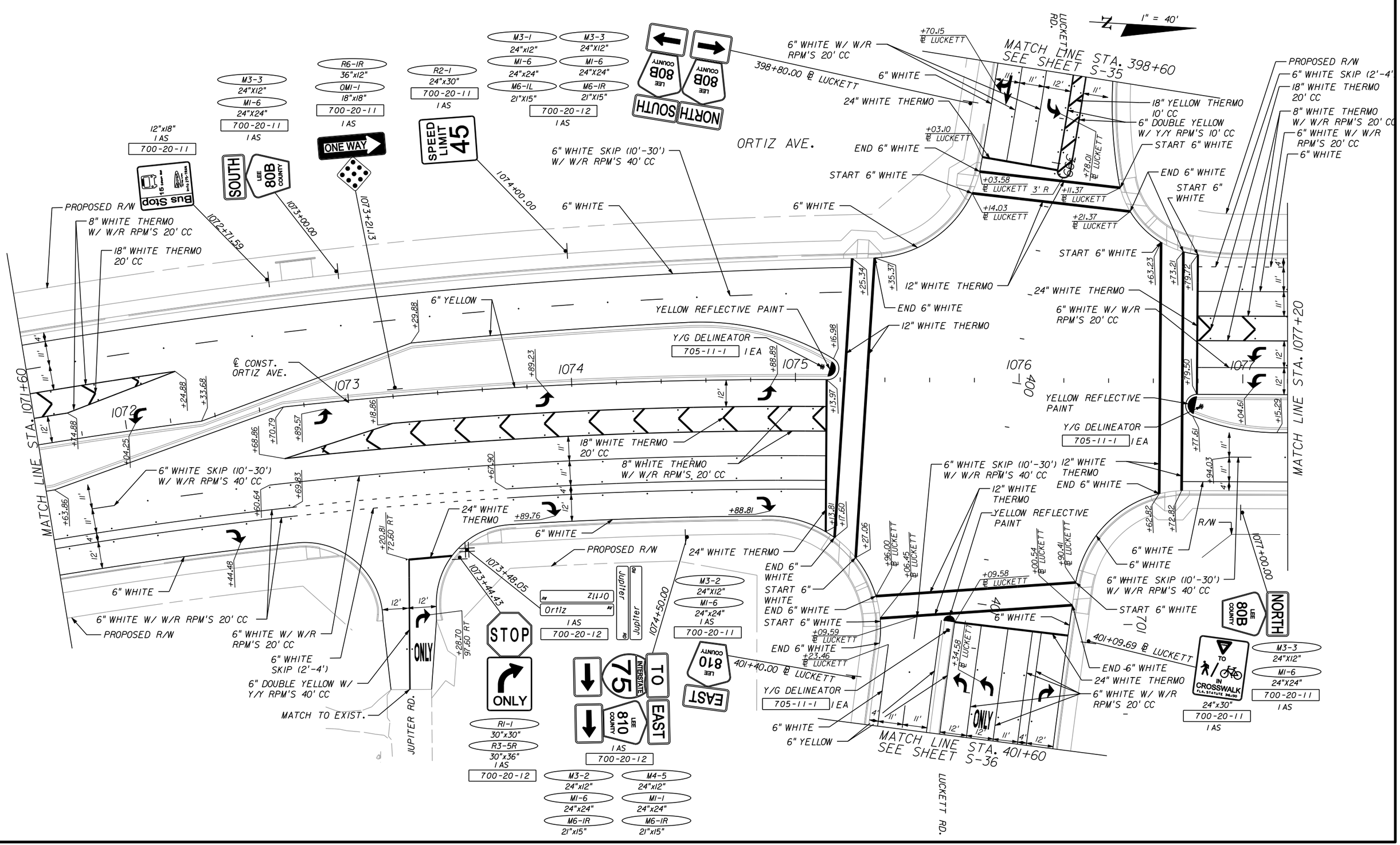

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PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO. S-16

apeters 10/12/2010 11:50:10 AM p:\leecounty_05-8974ortiz\planset\signing\plansp11.dgn




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


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PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-17


apeters
10/12/2010 11:50:26 AM p:\eecounty_05-8974ortiz\planset\signing\planspl2.dgn

1" = 40'

MATCH LINE STA. 1077+20

MATCH LINE STA. 1082+80

HUNTERS GREEN DR.

NOTTINGHAM DR.

ORTIZ AVE.

SHERRY ST.

HOWARD ST.

1078

1079

1080

1081

1082

℄ CONST. ORTIZ AVE.

1078+79.76

1079+27.14

1079+31.82 +46.69 93.00 LT

+56.07 68.00 LT

1081+50.00

1082+19.86

+34.98 89.63 LT

+43.79 64.63 LT

1082+43.43

1078+67.24

1079+50.42

+49.82 60.00 RT

1079+74.87

1079+79.14

+59.25 85.00 RT

1082+18.53

1082+23.30

+42.71 60.00 RT

1082+66.83

+51.64 85.00 RT

1082+71.36

PROPOSED R/W

6" WHITE

6" WHITE SKIP (2'-4')

6" WHITE W/ W/R RPM'S 20' CC

8" WHITE THERMO W/ W/R RPM'S 20' CC

18" WHITE THERMO 20' CC

24" WHITE THERMO

END 6" WHITE

START 6" WHITE

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

MATCH TO EXIST.

6" YELLOW

R/W

6' WHITE

END 6" WHITE YELLOW REFLECTIVE PAINT

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC MATCH TO EXIST.

+29.70 +08.78 +02.79 +52.79 +81.49 +86.30 +31.49 +96.12 +86.49 +77.32 +52.82 +02.82 +96.82 +45.57 +95.57 +24.08 +28.22 +72.94

4' 11' 11' 12' 12' 4' 11' 11' 11' 11' 4' 4' 11' 11'

ADOPT A ROAD LEE COUNTY LITTER CONTROL PROVIDED BY TAU SIGMA CHAPTER OF DELTA SIGMA THETA SORORITY, INC.

M2-1 21"x15" | M1-6 24"x24" | I AS 700-20-12

M4-5 24"x12" | M1-1 24"x24" | M6-1L 21"x15"

I AS 700-20-11 36"x30"

I AS 700-20-12 | Hunters Green DR | Ortiz AV

I AS 700-20-12 | R1-1 30"x30" | R3-5R 30"x36"

I AS 700-20-12 | Nottingham DR | Ortiz AV

R6-1R 36"x12" | OM1-1 18"x18" | I AS 700-20-11

R2-1 24"x30" I AS 700-20-11

R6-1R 36"x12" | R6-1R 36"x12" | OM1-1 18"x18" | OM1-1 18"x18" | I AS 700-20-11

I AS 700-20-12 | R1-1 30"x30" | R3-5R 30"x36"

Ortiz AV | NO OUTLET | Sherry ST | NO OUTLET

W14-2AR 36"x8" | W14-2AL 36"x8" | I AS 700-20-12

R6-1R 36"x12" | R5-1 30"x30" | I AS 700-20-11

I AS 700-20-11 | R3-2 24"x24"

RI-1 30"x30" | R3-5R 30"x36" | I AS 700-20-12

Ortiz AV | NO OUTLET | Howard ST | NO OUTLET

W14-2AR 36"x8" | W14-2AL 36"x8" | I AS 700-20-12

R6-1R 36"x12" | OM1-1 18"x18" | 700-20-11 I AS

ONE WAY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

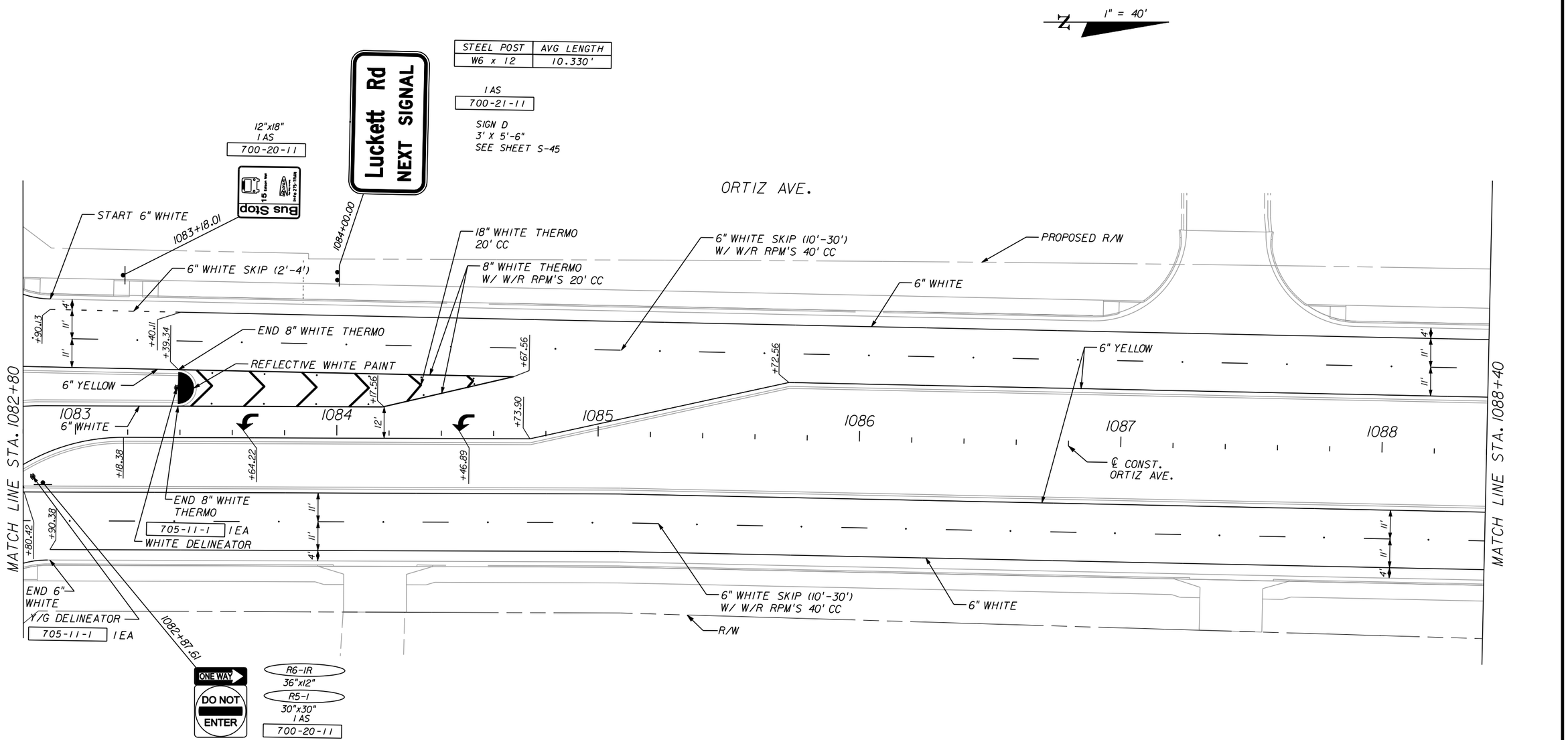

APPROVED BY:
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PUBLIC WORKS
LEE COUNTY SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO. S-18

apeters 10/12/2010 11:50:43 AM p:\leecounty_05-89740rtiz\planset\signing\planspl3.dgn




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| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
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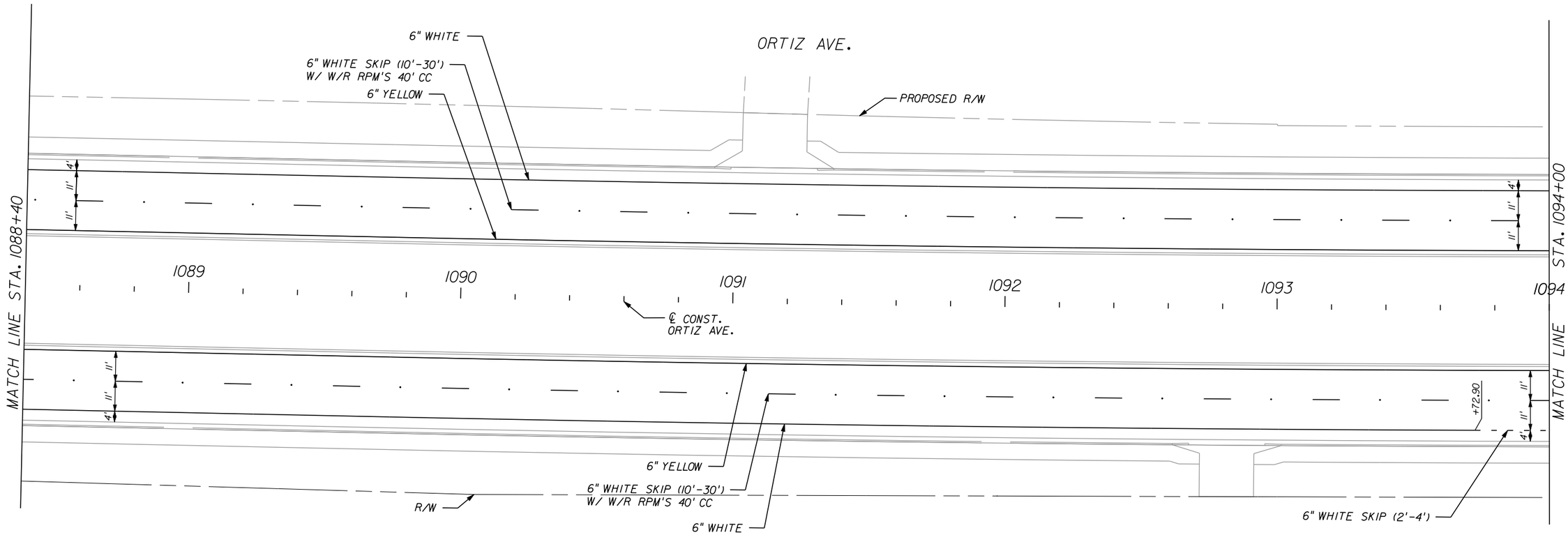

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FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-19

apeters
10/12/2010 11:50:58 AM p:\eecounty_05-8974ortiz\planset\signing\planspl4.dgn

1" = 40'




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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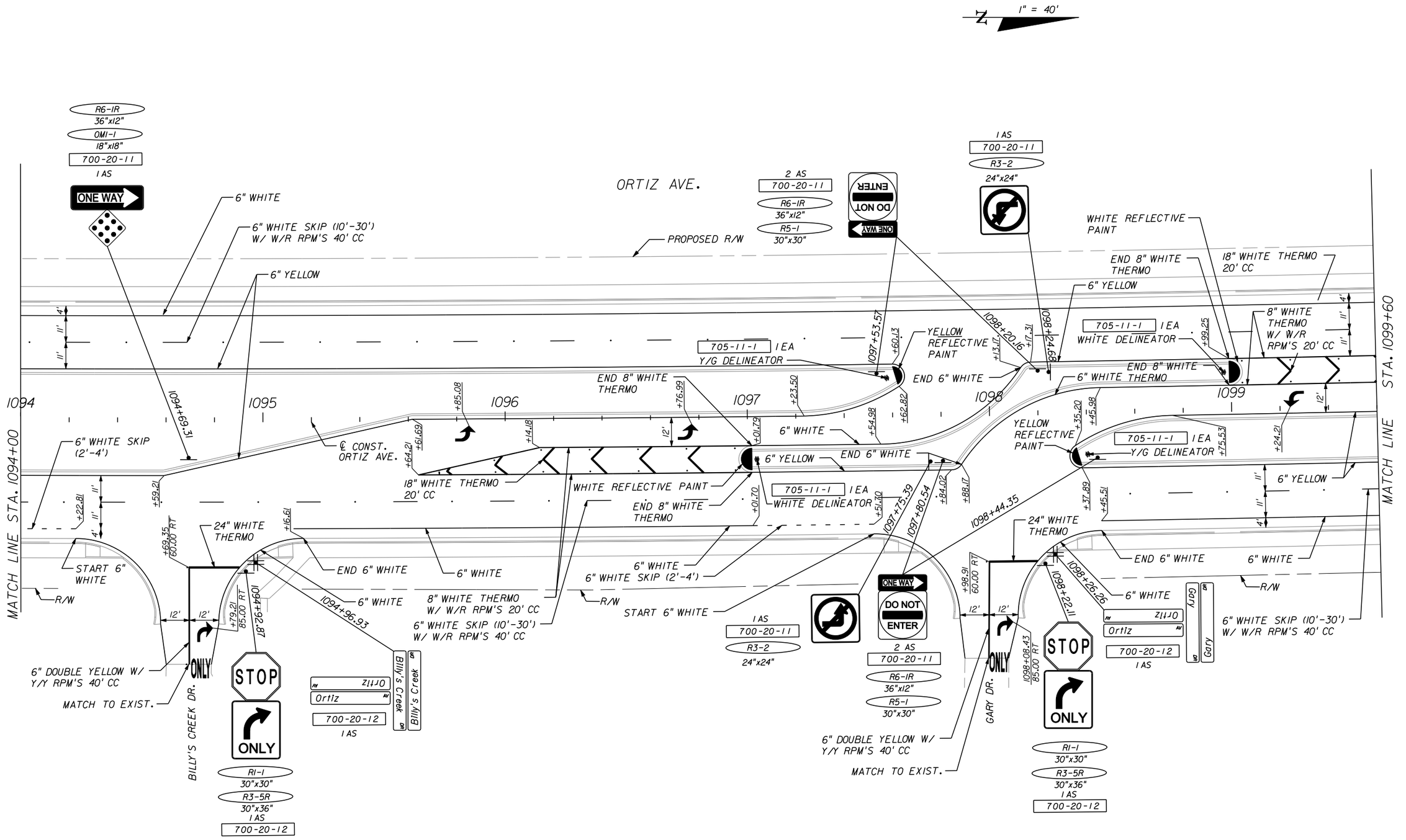

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SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-20




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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TAMPA, FLORIDA 33610
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# SIGNING & PAVEMENT MARKING ORTIZ AVENUE (CR 865)

SHEET NO. S-21

apeters 10/12/2010 11:51:24 AM p:\leecounty_05-8974ortiz\planset\signing\plansp16.dgn

N

1" = 40'

ORTIZ AVE.

MATCH LINE STA. 1099+60

MATCH LINE STA. 1105+20

1098+91.41

1103+60.12

Bus Stop

15' MIN.

12"x18"
1 AS
700-20-11

R6-1R
36"x12"
OM1-1
18"x18"
700-20-11
1 AS

ONE WAY

1 AS
700-20-11
R2-1
24"x30"

SPEED LIMIT 45

6" WHITE

6" WHITE SKIP (10'-30')
W/ W/R RPM'S 40' CC

6" YELLOW

PROPOSED R/W

8" WHITE THERMO
W/ W/R RPM'S 20' CC

18" WHITE THERMO
20' CC

1100 1101 1102 1103 1104 1105

1101+26.04

℄ CONST.
ORTIZ AVE.

END 6" WHITE

6" WHITE

24" WHITE
THERMO

START 6" WHITE

6" WHITE SKIP (2'-4')

R/W

6" DOUBLE YELLOW
W/ Y/Y RPM'S 40' CC

MATCH TO EXIST.

BILLY'S CREEK DR.

ONLY

1101+50.36

1101+54.57

1 AS
700-20-12
Ortiz AV

Billy's Creek DR

Billy's Creek

1 AS
700-20-12
R1-1
30"x30"
R3-5R
30"x36"

STOP

ONLY

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
AMANDA J. CORREIA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA

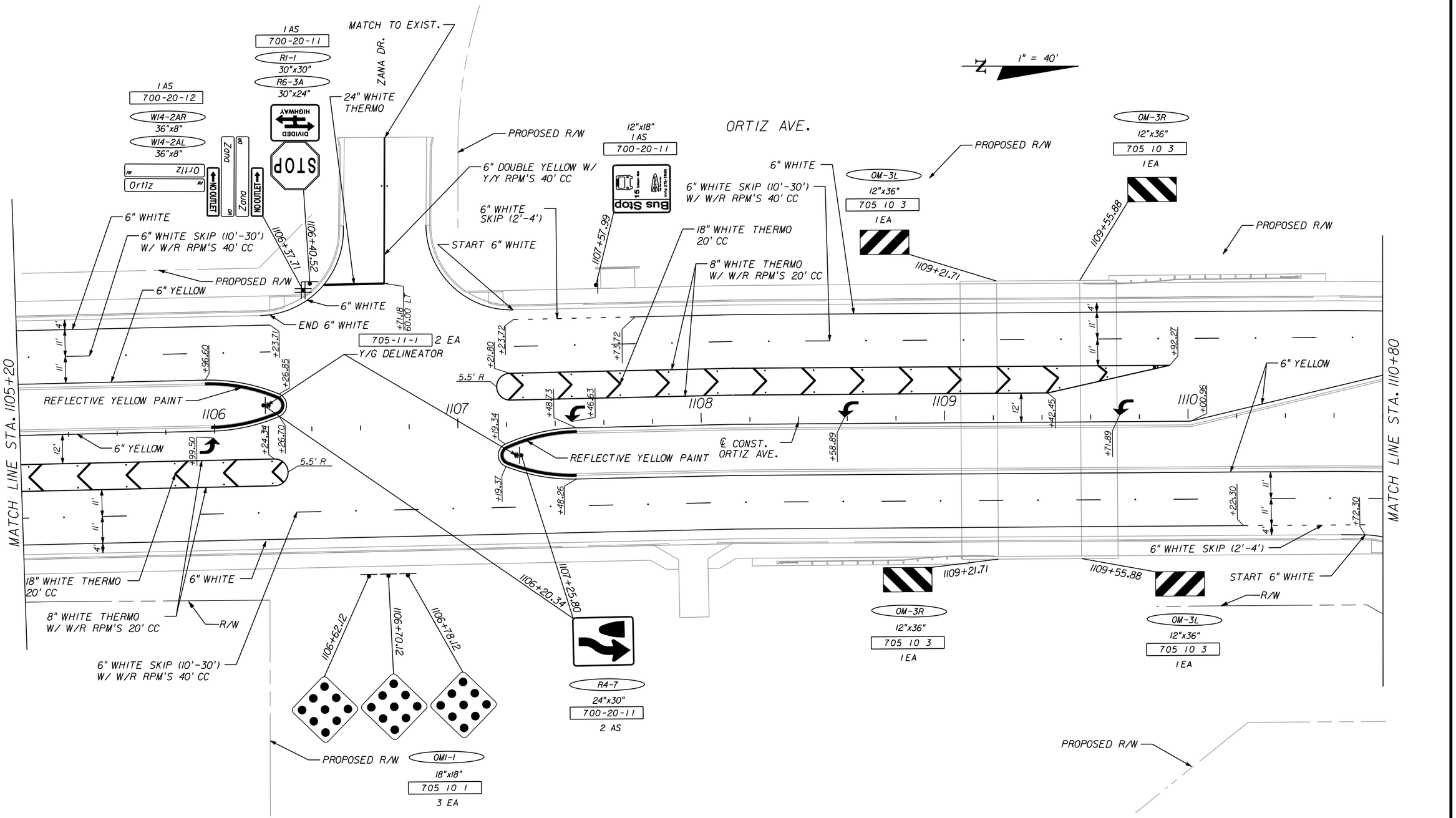
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of
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-22

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SOUTHWEST FLORIDA
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# SIGNING & PAVEMENT MARKING ORTIZ AVENUE (CR 865)

SHEET NO. S-23

apeters 10/12/2010 11:52:05 AM p:\eecounty_05-89740rt1z\planset\signing\planspl8.dgn

1" = 40'

ORTIZ AVE.

GLENWOOD AVE.

MATCH LINE STA. 498+80
SEE SHEET S-41

MATCH LINE STA. 1110+80

MATCH LINE STA. 1116+40

1111+51.91

1111+18.86

1113+60.00

1115+74.88

1115+69.23

1111+48.85

1111+44.56

1115+98.28

1116+06.28

1116+14.28

1115+45.37

1115+23.59

+97.27

+65.85

+50.80

+36.60

+39.28

+10.70

+33.05

+53.22

+22.40

+37.19

+51.93

+94.91

+36.32

+45.00

+40.00

+65.03

+47.23

+19.55 60.00 RT

+29.38 85.00 RT

+01.08 @ GLENWOOD

+56.25 @ GLENWOOD

12' 11' 11'

11' 11' 4'

12'

5.5' R

505

6" WHITE

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" YELLOW

PROPOSED R/W

END 6" WHITE

6" WHITE W/ W/R RPM'S 20' CC

24" WHITE THERMO

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

YELLOW REFLECTIVE PAINT

℄ CONST. ORTIZ AVE.

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" YELLOW

18" WHITE THERMO 20' CC

8" WHITE THERMO W/ W/R RPM'S 20' CC

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

MATCH TO EXIST.

DEAN ST.

R/W

1 AS
700-20-11

12"x18"

Bus Stop

R6-1R
36"x12"
OM1-1
18"x18"
700-20-11
1 AS

ONE WAY

1 AS
700-20-11
R2-1
24"x30"

SPEED LIMIT 45

1 AS
700-20-11
R1-1
30"x30"
R6-3A
30"x24"

DIVIDED HIGHWAY

STOP

1 AS
700-20-12

Glenwood
Ortiz

705-11-1 1 EA
Y/G DELINEATOR

R4-7
24"x30"
700-20-11
1 AS

OM1-1
18"x18"
705 10 1
3 EA

ONLY

NO OUTLET

Dean St

1 AS
700-20-12
W14-2AR
36"x8"
W14-2AL
36"x8"

STOP

ONLY

1 AS
700-20-12
R1-1
30"x30"
R3-5R
30"x36"

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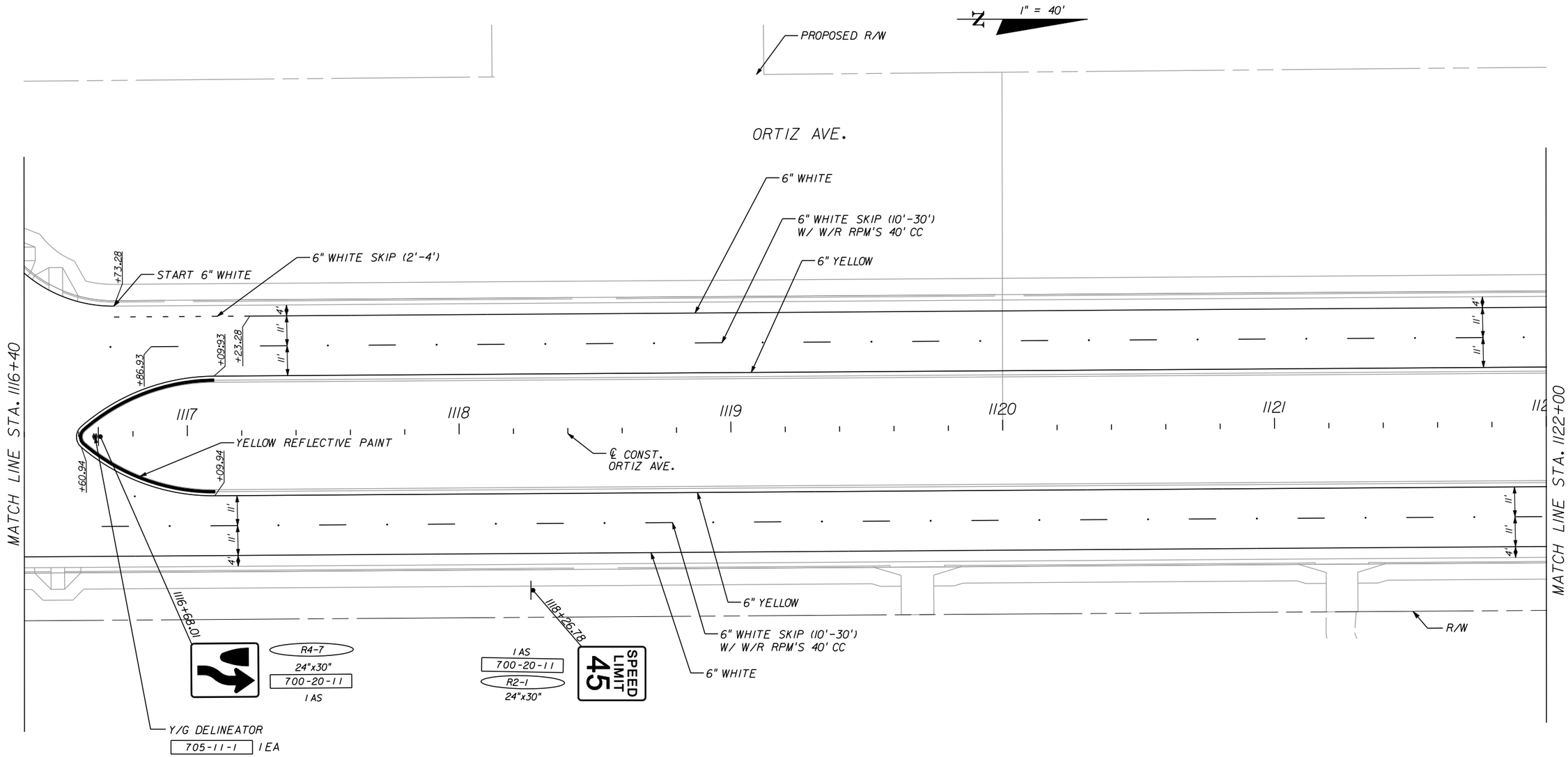

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-24

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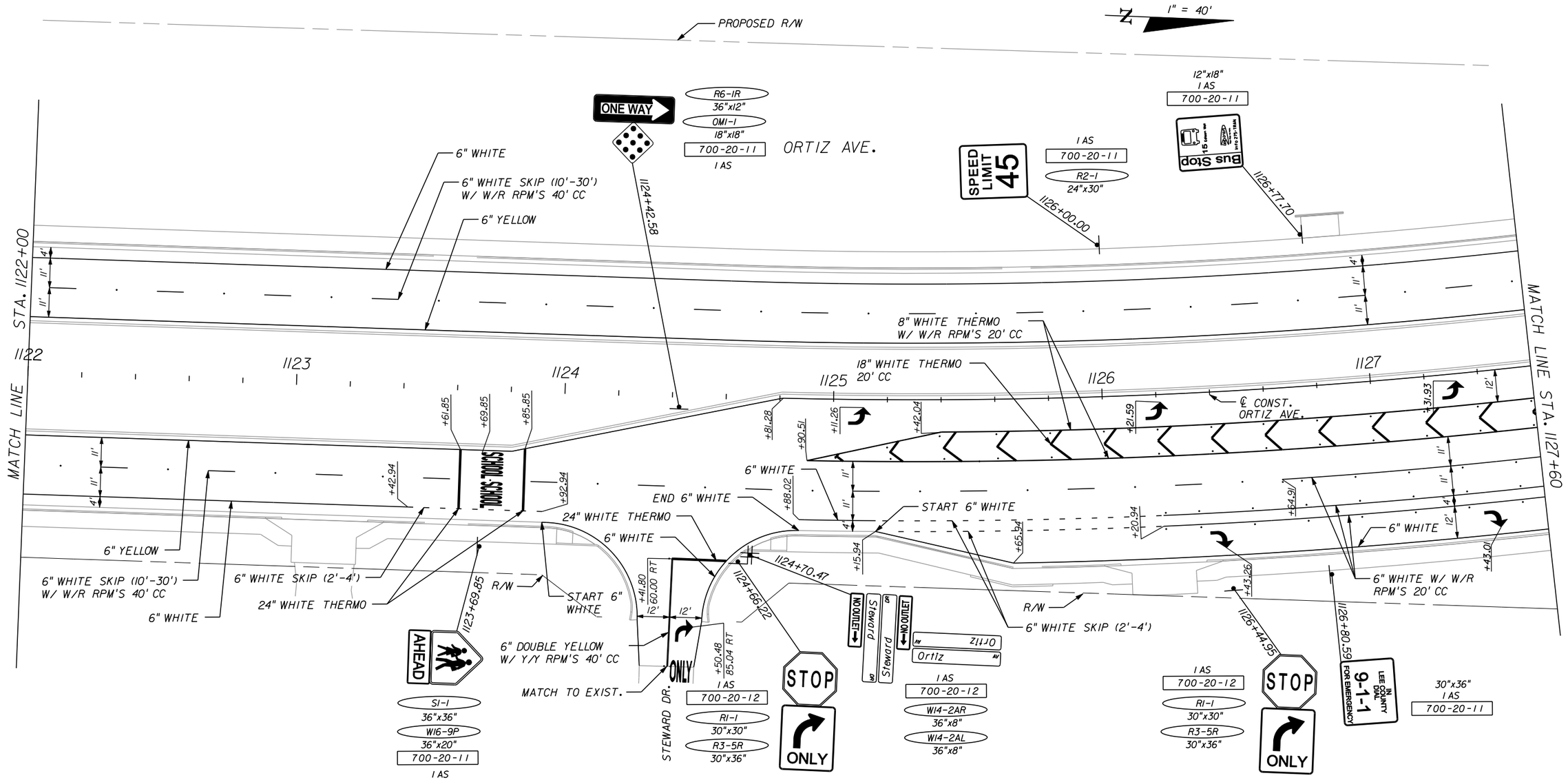

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-25

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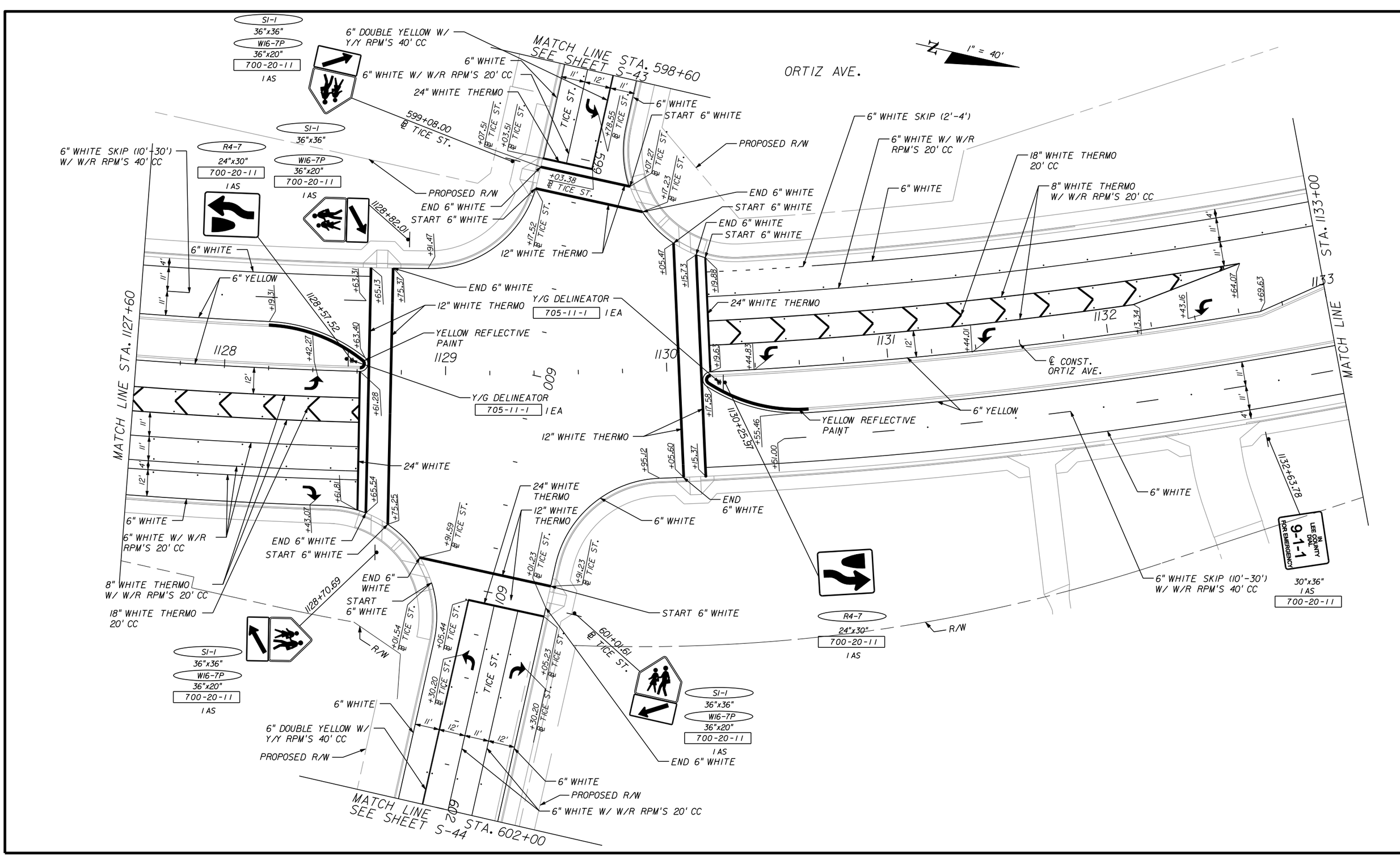

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-26

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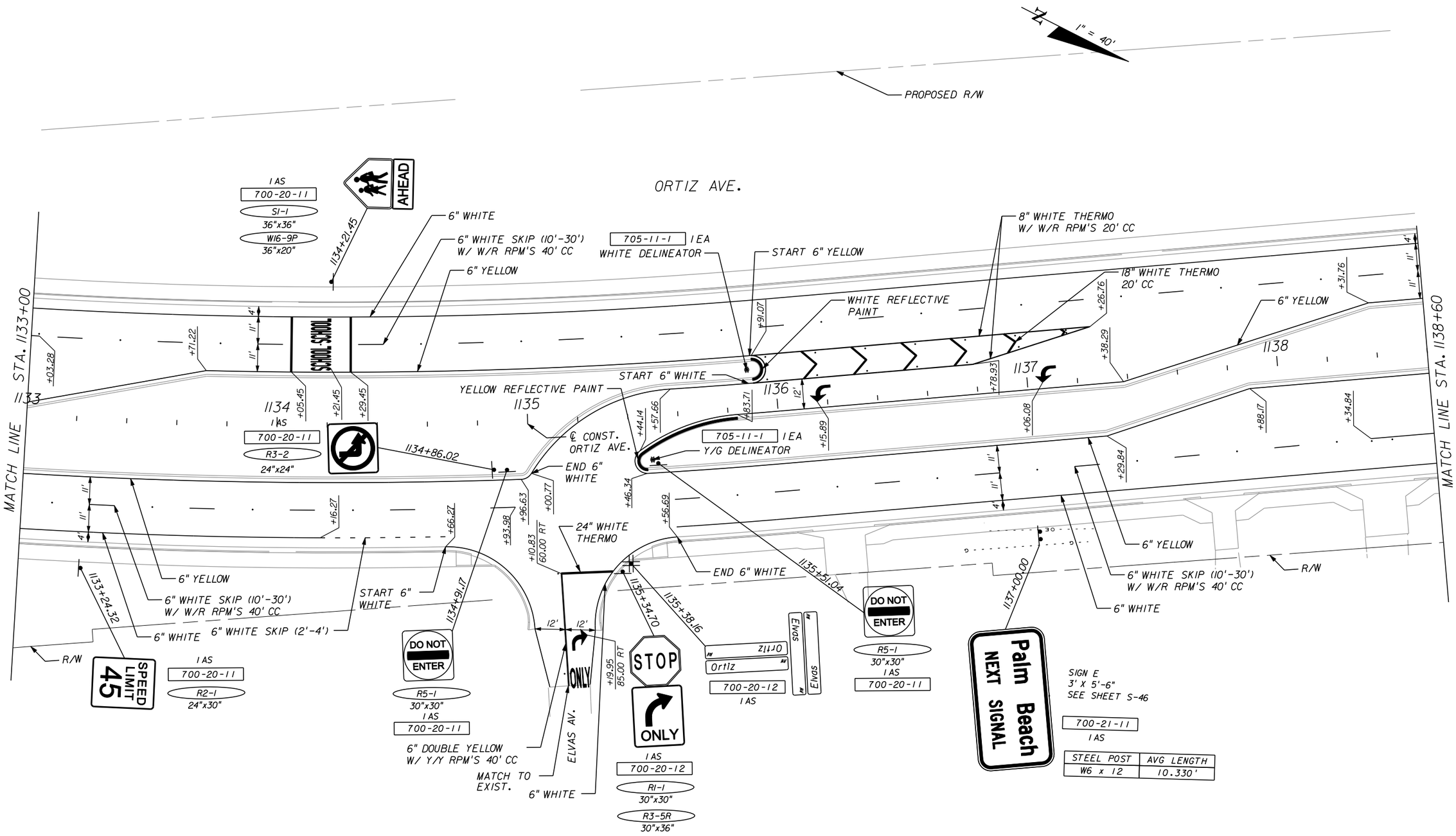

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-27

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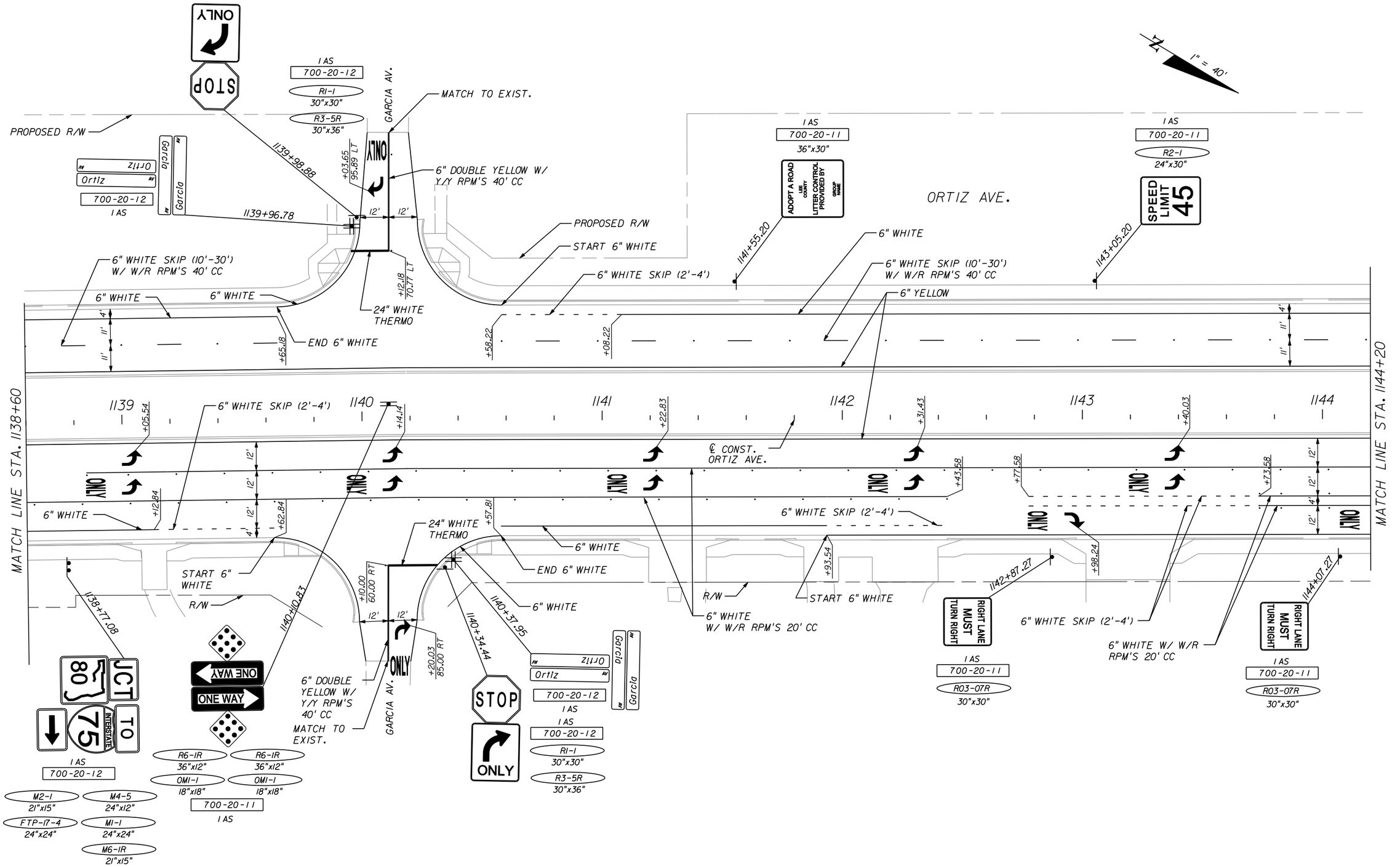

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-28




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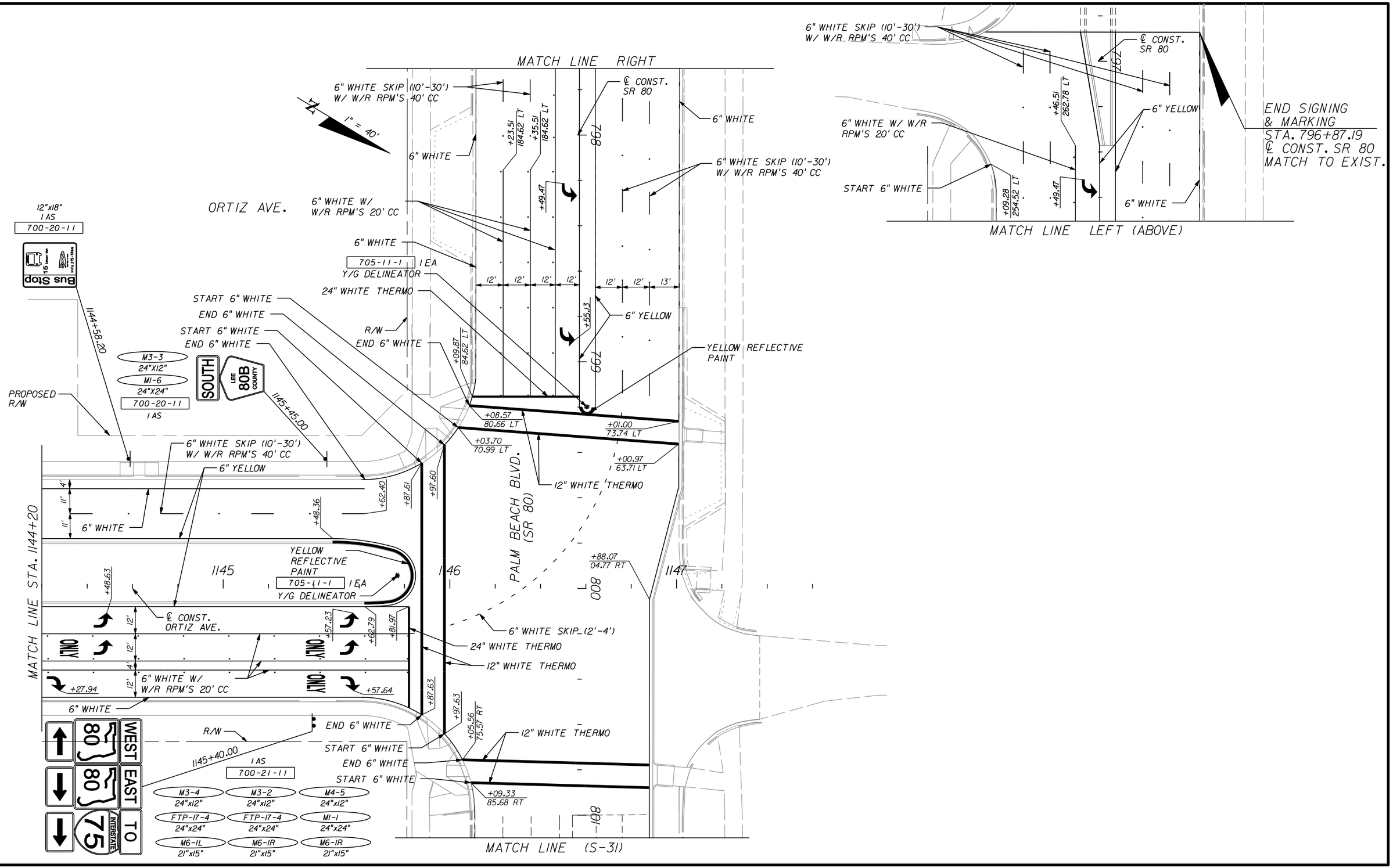
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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO. S-29

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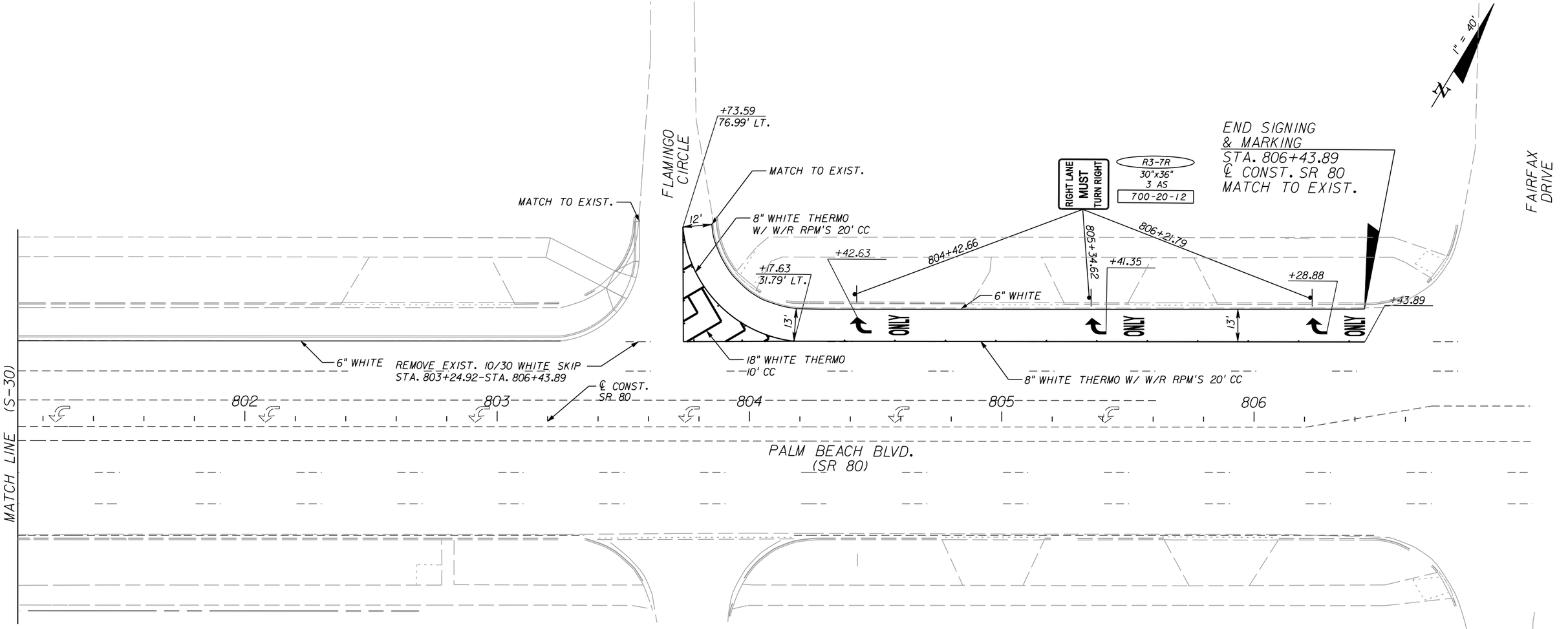

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# SIGNING & PAVEMENT MARKING ORTIZ AVENUE (CR 865)

SHEET NO. S-30

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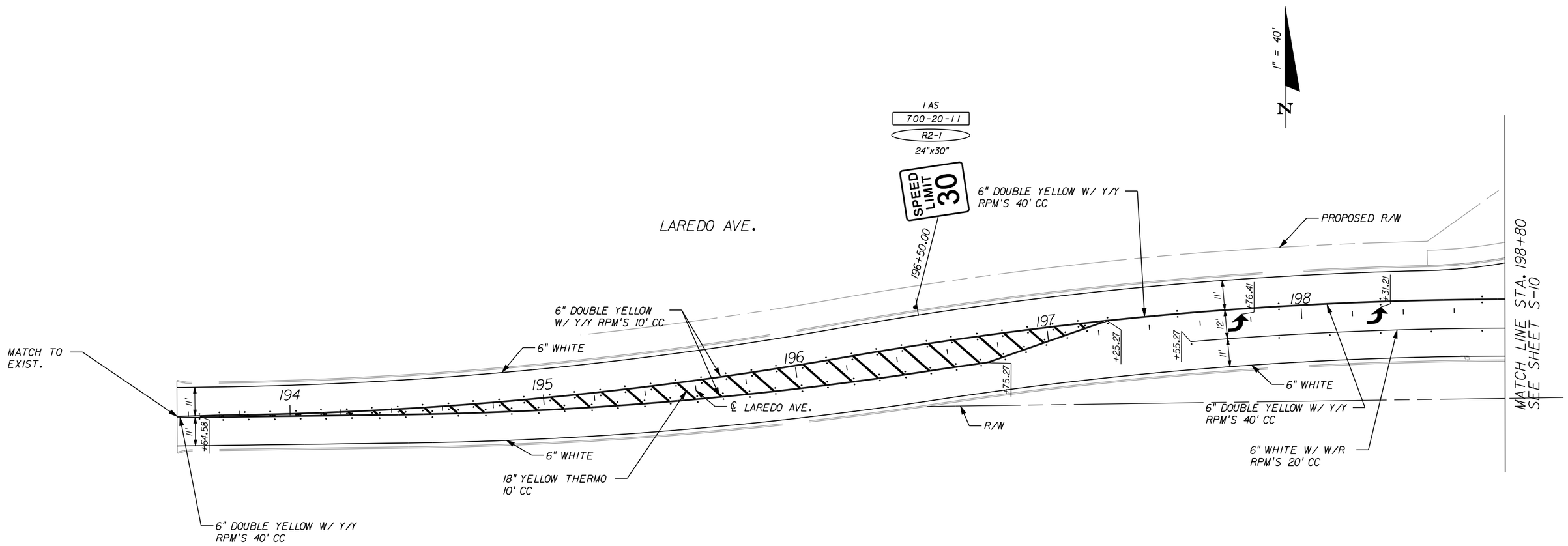

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# SIGNING & PAVEMENT MARKING
# ORTIZ AVENUE (CR 865)

SHEET NO.
S-31

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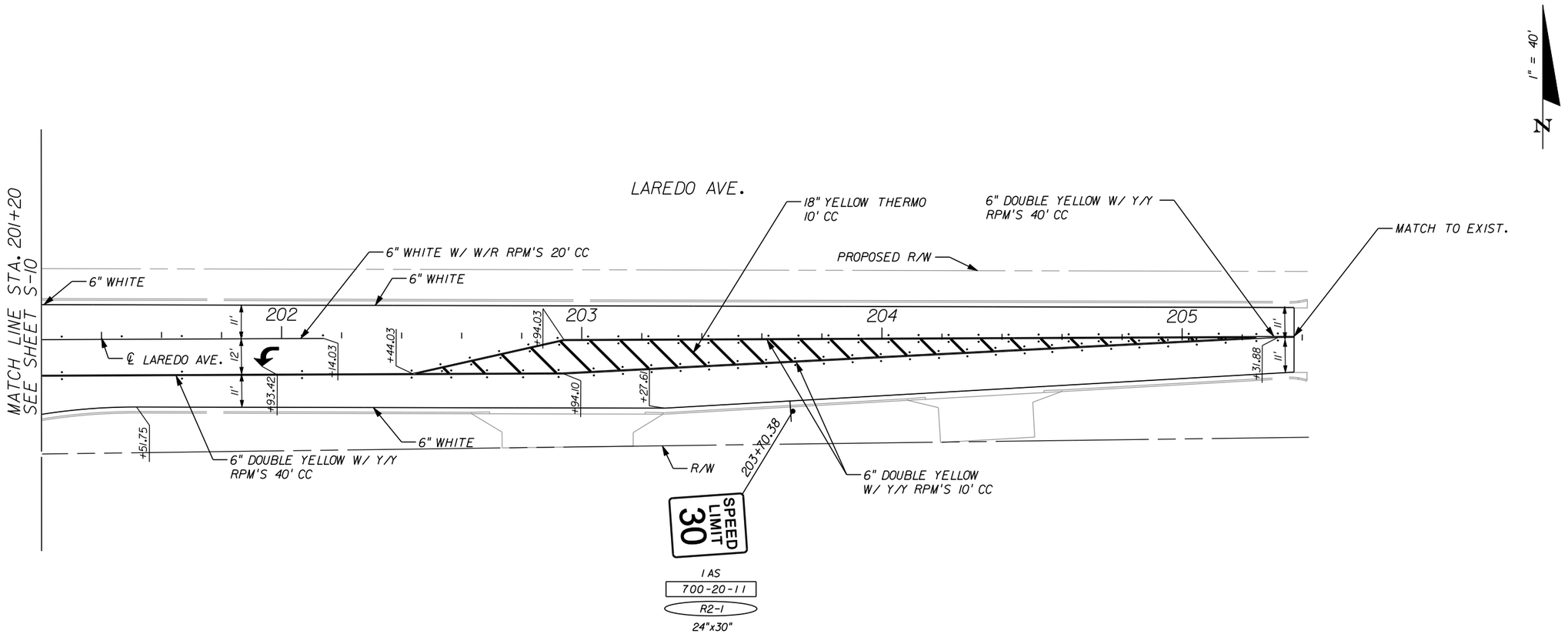

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# SIGNING & PAVEMENT MARKING
# LAREDO AVENUE

SHEET NO.
S-32




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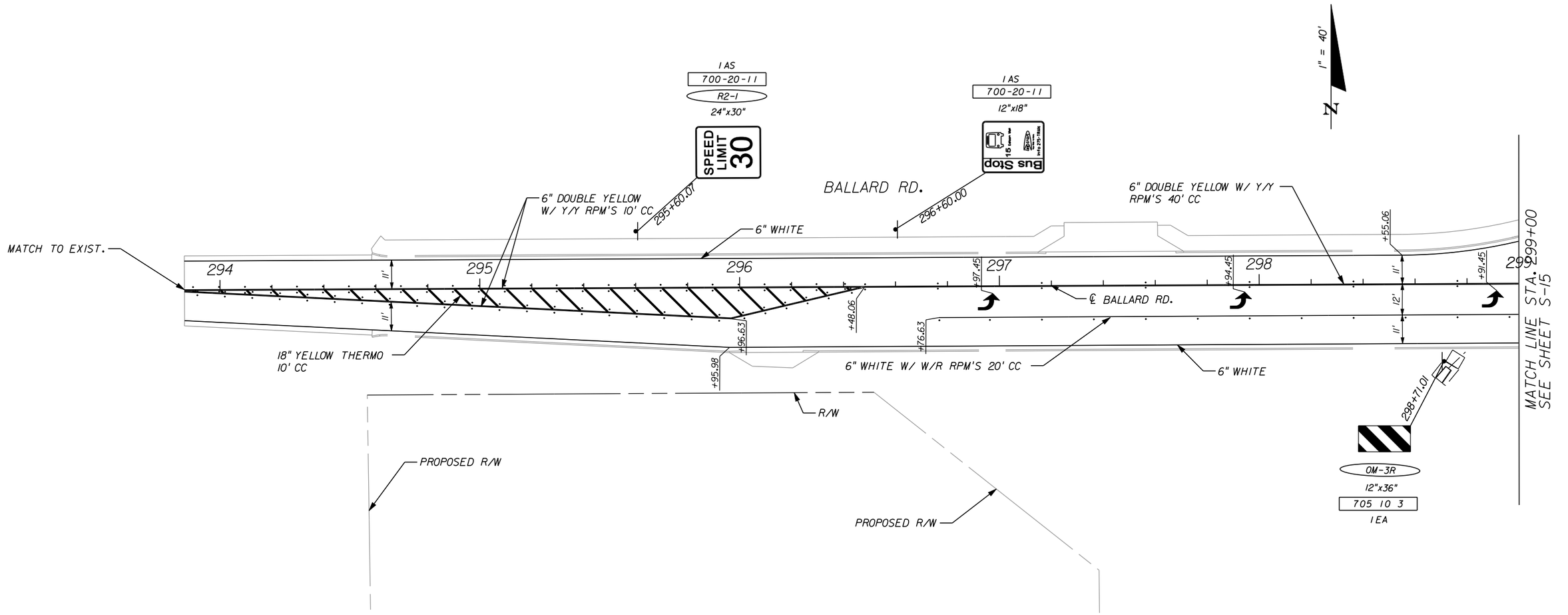

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FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


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# SIGNING & PAVEMENT MARKING
# LAREDO AVENUE

SHEET NO.
S-33




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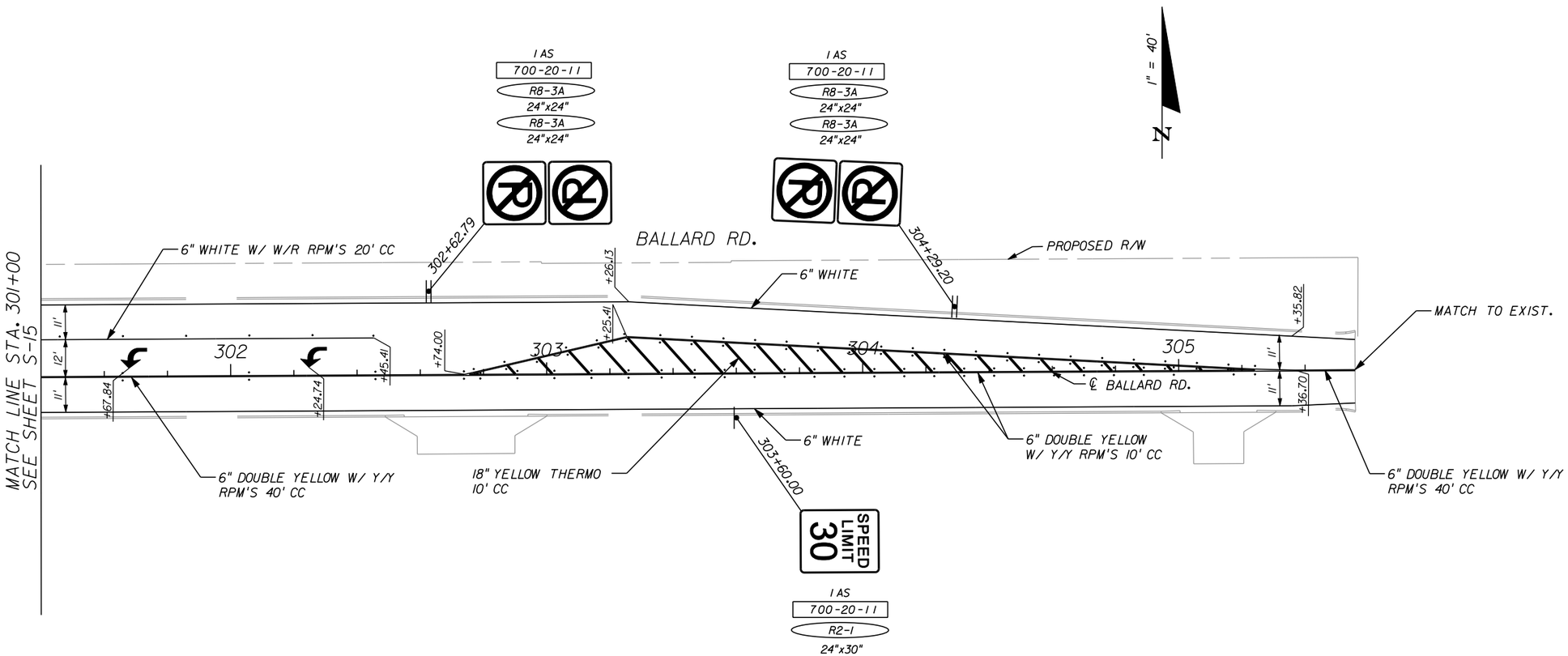

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# SIGNING & PAVEMENT MARKING
# BALLARD ROAD

SHEET NO.
S-34




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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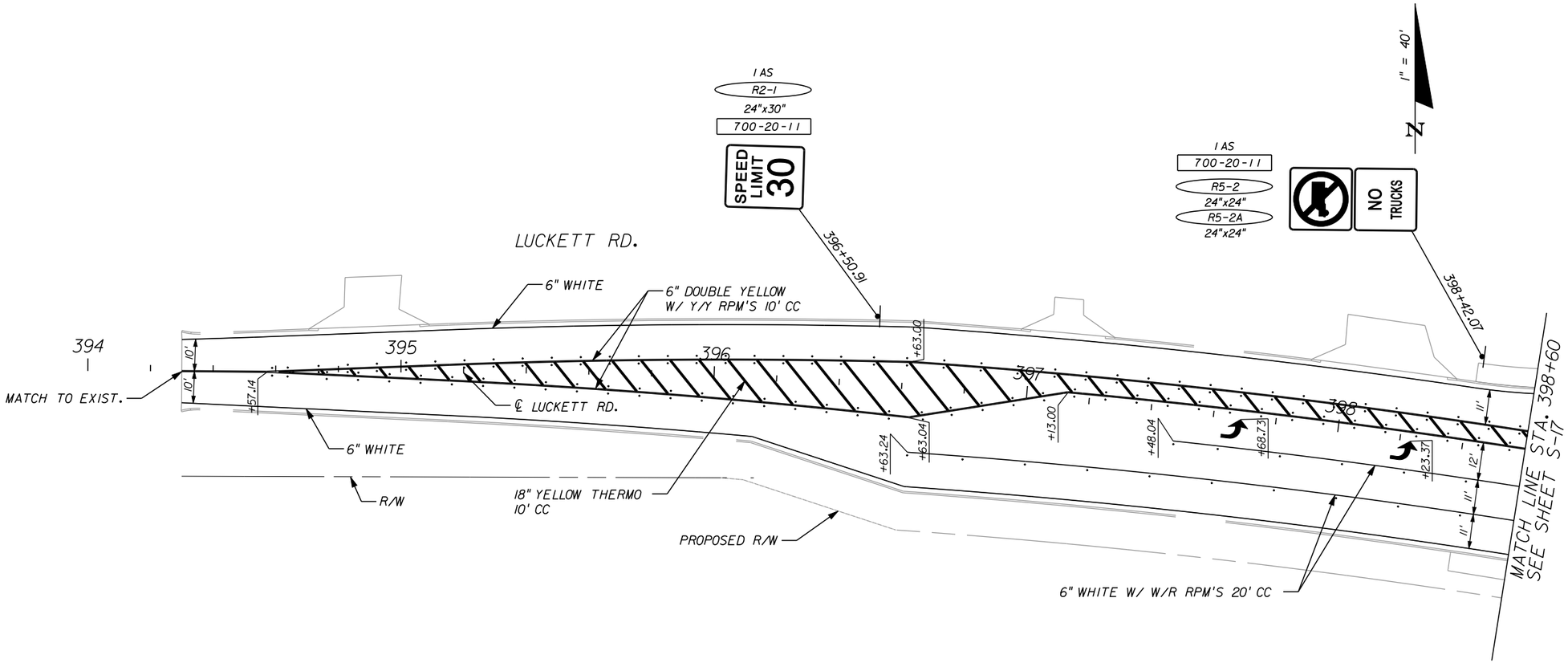

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# SIGNING & PAVEMENT MARKING
# BALLARD ROAD

SHEET NO.
S-35




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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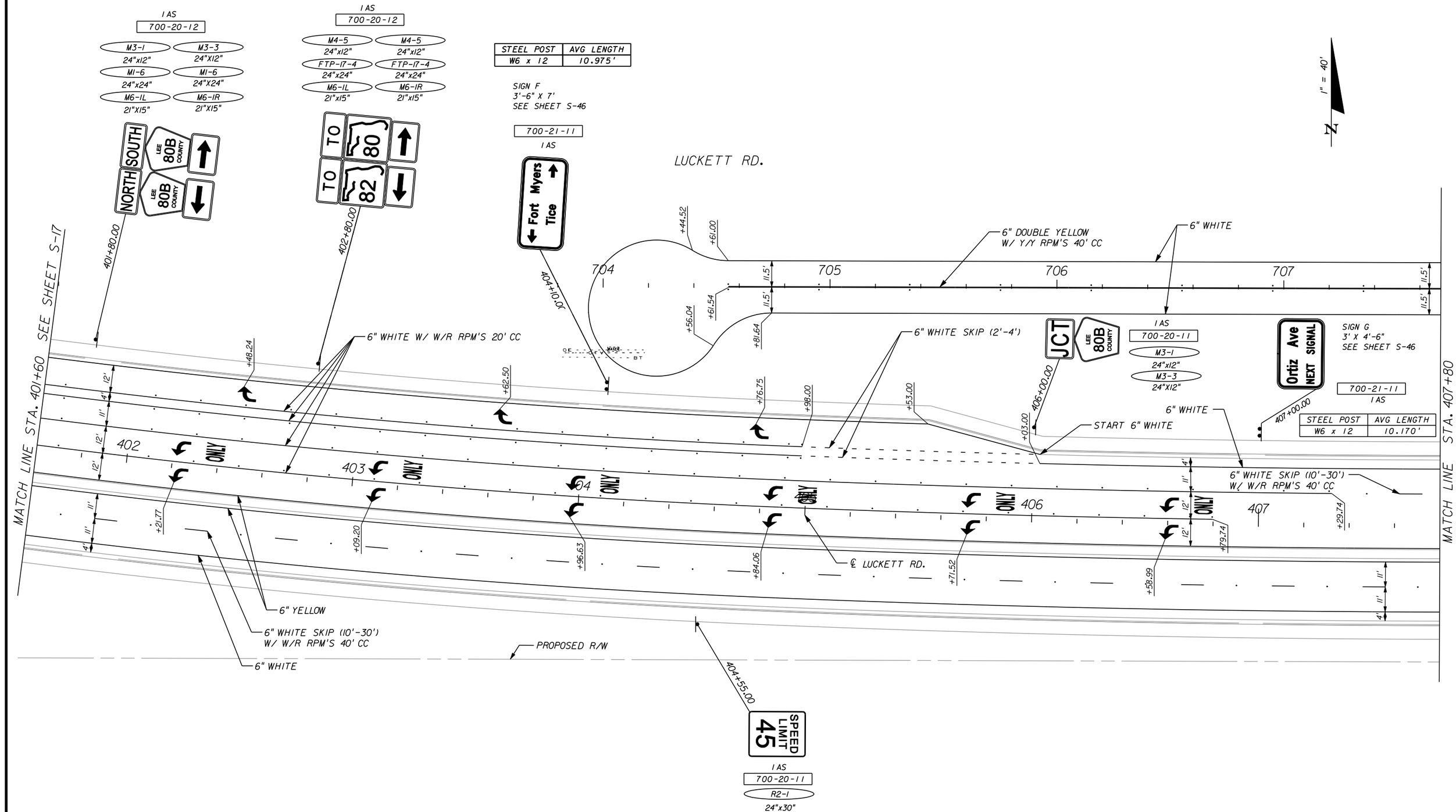

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FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
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FLORIDA
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# SIGNING & PAVEMENT MARKING
# LUCKETT ROAD

SHEET NO.
S-36

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# SIGNING & PAVEMENT MARKING
# LUCKETT ROAD

SHEET NO.
S-37

apeters 10/12/2010 11:55:04 AM p:\eecounty_05-8974ortiz\planset\signing\plansp32.dgn

LUCKETT RD.

MATCH LINE STA. 407+80

MATCH LINE STA. 414+00

1" = 40'

N

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

6" WHITE

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" YELLOW

6" WHITE SKIP (10'-30') W/ W/R RPM'S 40' CC

6" WHITE

PROPOSED R/W

℄ LUCKETT RD.

708 709 710 711 712 713 407 408 409 410 411 412 413 414

11.5' 11.5' 11' 11' 4' 11' 11' 4' 12' 12'

+84.67 +34.74 +26.24 +64.92 +00.57 +05.57 +55.57 +33.76 +59.23 +67.32 +30.03 +20.17 +84.73

412+46.87

412+56.20

411+00.00

412+72.55

413+17.21

413+24.68

413+35.15

413+42.67

413+80.02

413+40.26 84.70 RT

413+74.65

+74.78 49.48 LT

+02.58 55.91 LT

+40.59 52.76 LT

+56.69 49.00 RT

+56.96

+73.00

+92.47

+53.73

+53.73

+34.60

+08.75

+74.70

+15.48

+18.85

+70.31

+40.73

+44.12

+08.80

IAS 700-20-12
RI-1 30"x30"
R3-5R 30"x36"

IAS 700-20-11
R6-1R 36"x12"
R5-1 30"x30"

IAS 700-20-11
R2-1 24"x30"
SPEED LIMIT 45

IAS 700-20-11
R6-1R 36"x12"
R5-1 30"x30"

IAS 700-20-11
R3-2 24"x24"

705-11-1 IEA
Y/G DELINEATOR

YELLOW REFLECTIVE PAINT

WHITE REFLECTIVE PAINT

705-11-1 IEA
WHITE DELINEATOR

18" YELLOW THERMO 20' CC

24" WHITE THERMO

6" DOUBLE YELLOW W/ W/R RPM'S 20' CC

18" WHITE THERMO 20' CC

8" WHITE THERMO W/ W/R RPM'S 20' CC

6" DOUBLE YELLOW W/ Y/Y RPM'S 40' CC

END 6" WHITE

START 6" WHITE

START 6" YELLOW

6" WHITE SKIP (2'-4')

START 6" WHITE SKIP (2'-4')

6" WHITE

24" WHITE THERMO

PROP. R/W

GOLDEN LAKE RD.

MATCH TO EXIST.

Bus Stop

12"x18" IAS 700-20-11

IAS 700-20-11
R3-2 24"x24"
R6-1R 36"x12"
R5-1 30"x30"
IAS 700-20-11

IAS 700-20-11
R2-1 24"x30"

IAS 700-20-12
RI-1 30"x30"
R3-5R 30"x36"

Golden Lake Rd
Luckett Rd

IAS 700-20-12

Power pole

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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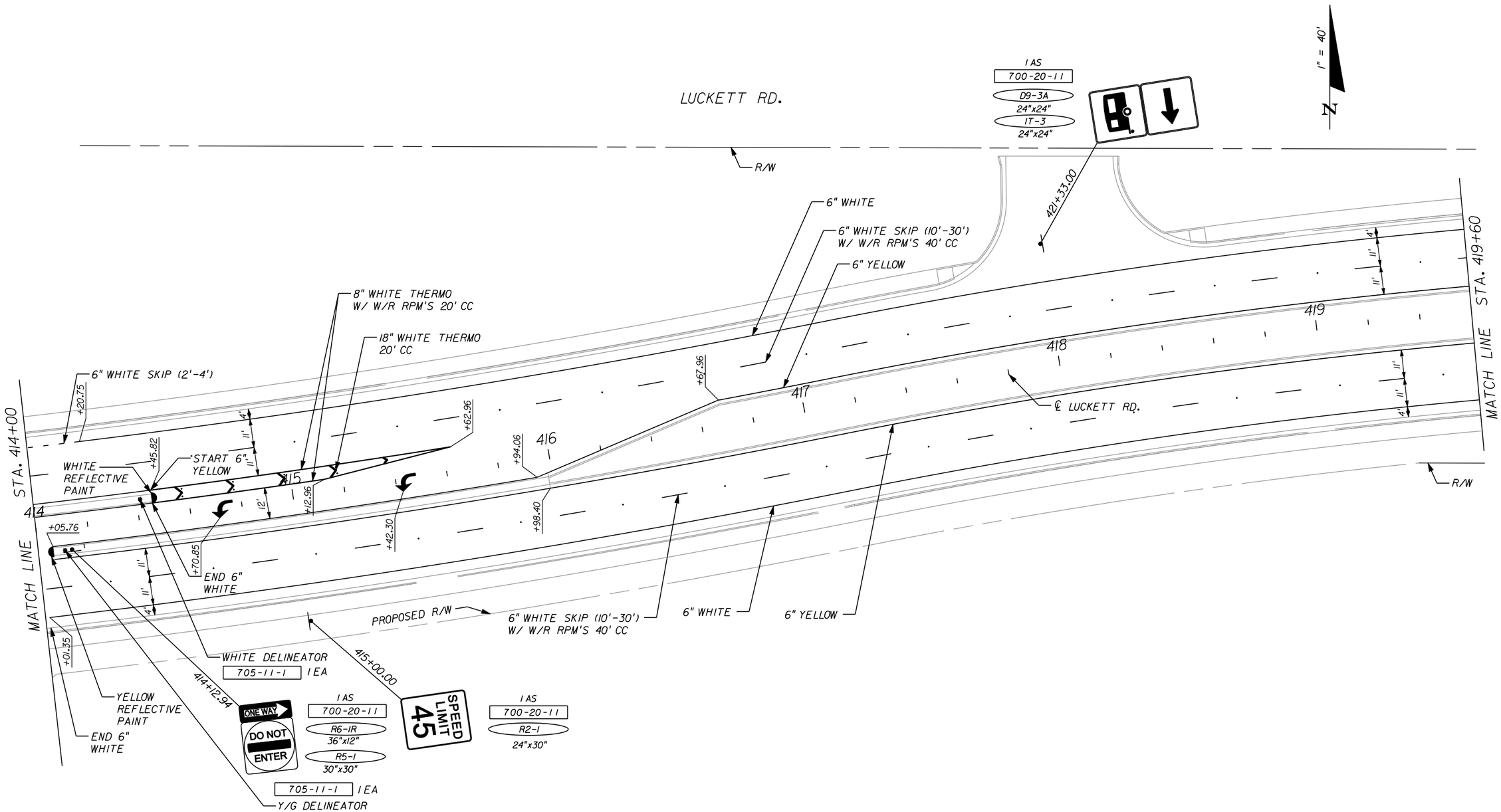
AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114

APPROVED BY:
AMANDA J. CORREIA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644

PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm

# SIGNING & PAVEMENT MARKING
# LUCKETT ROAD

SHEET NO.
S-38




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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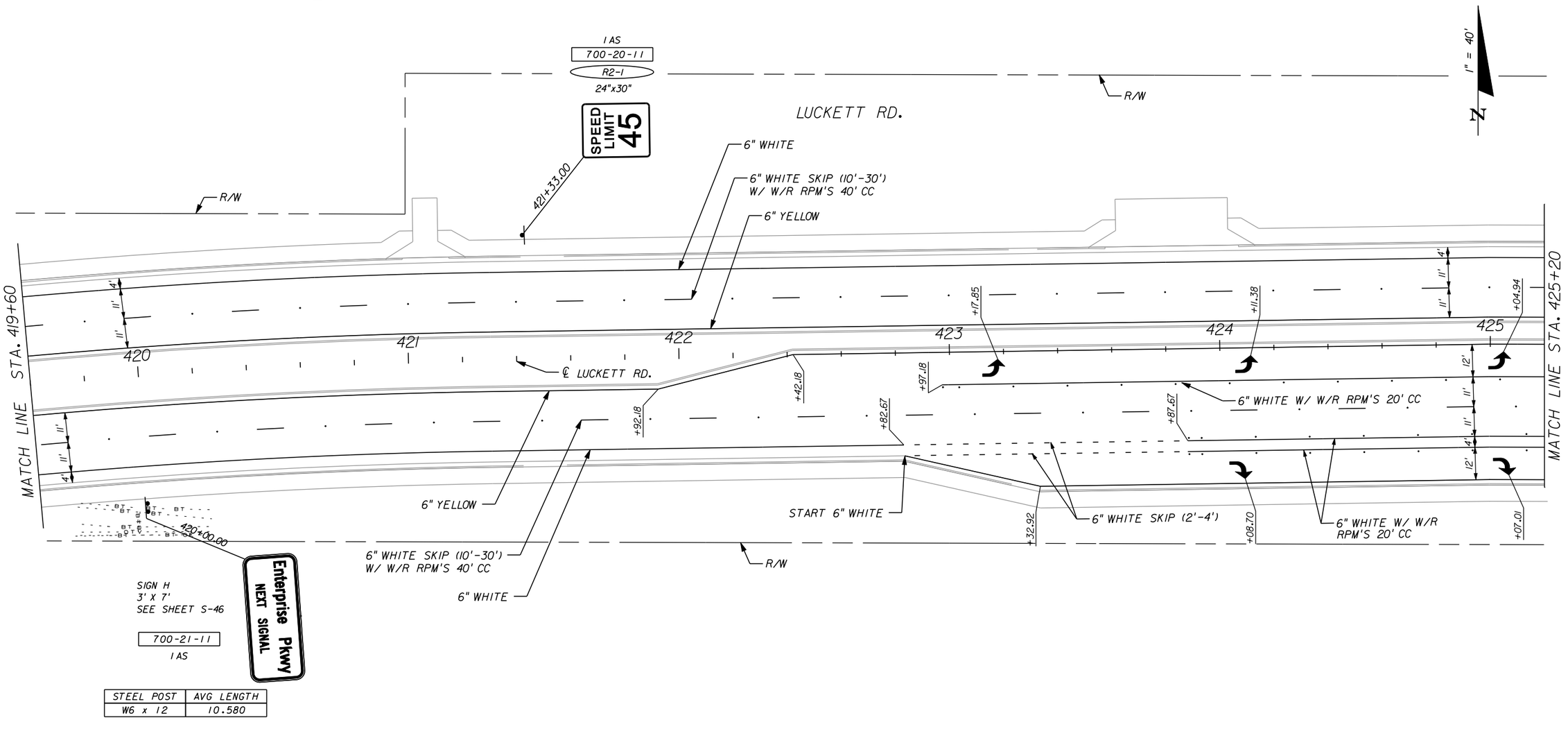

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# SIGNING & PAVEMENT MARKING
# LUCKETT ROAD

SHEET NO.
S-39

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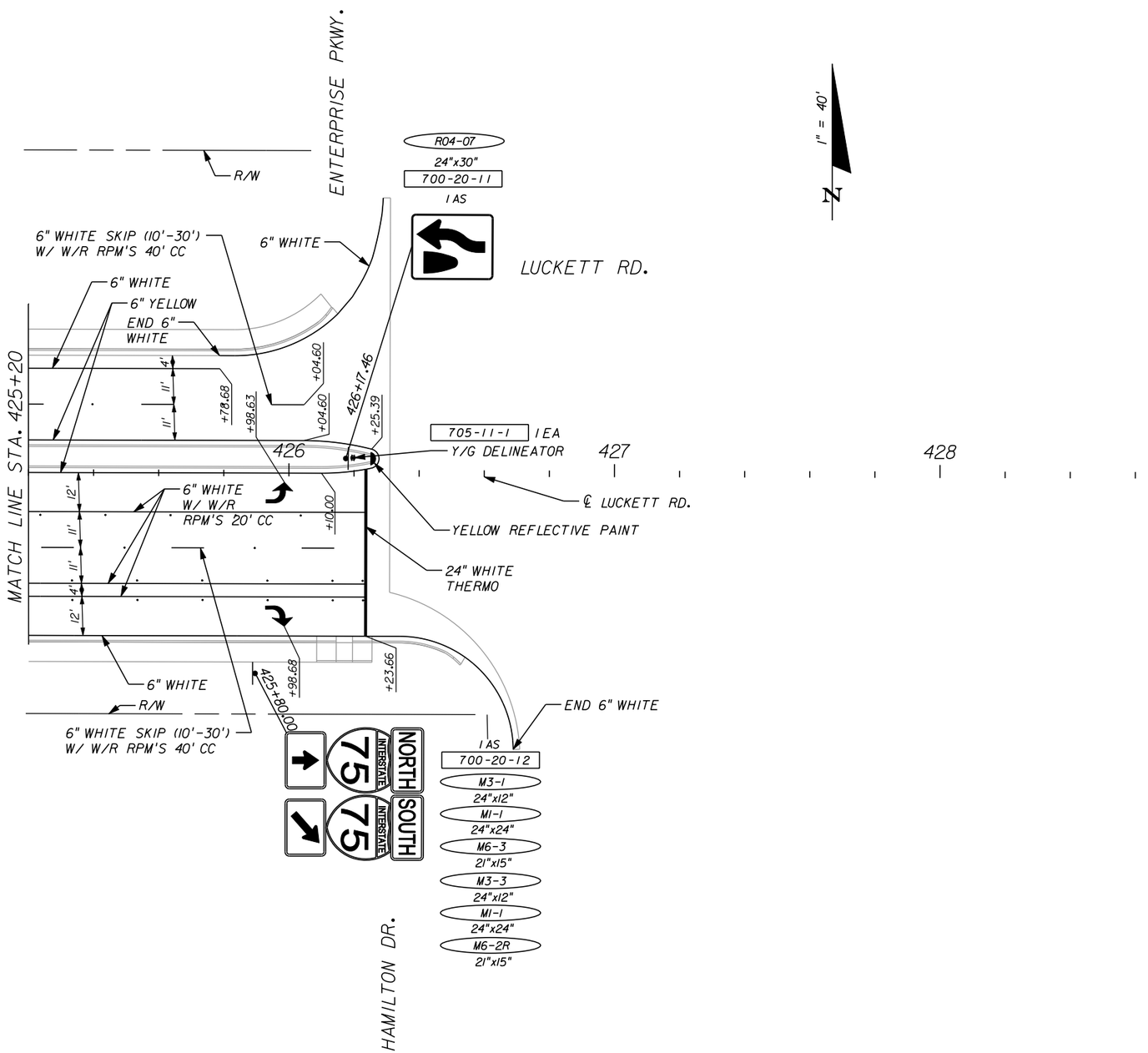
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# SIGNING & PAVEMENT MARKING
# LUCKETT ROAD

SHEET NO.
S-40

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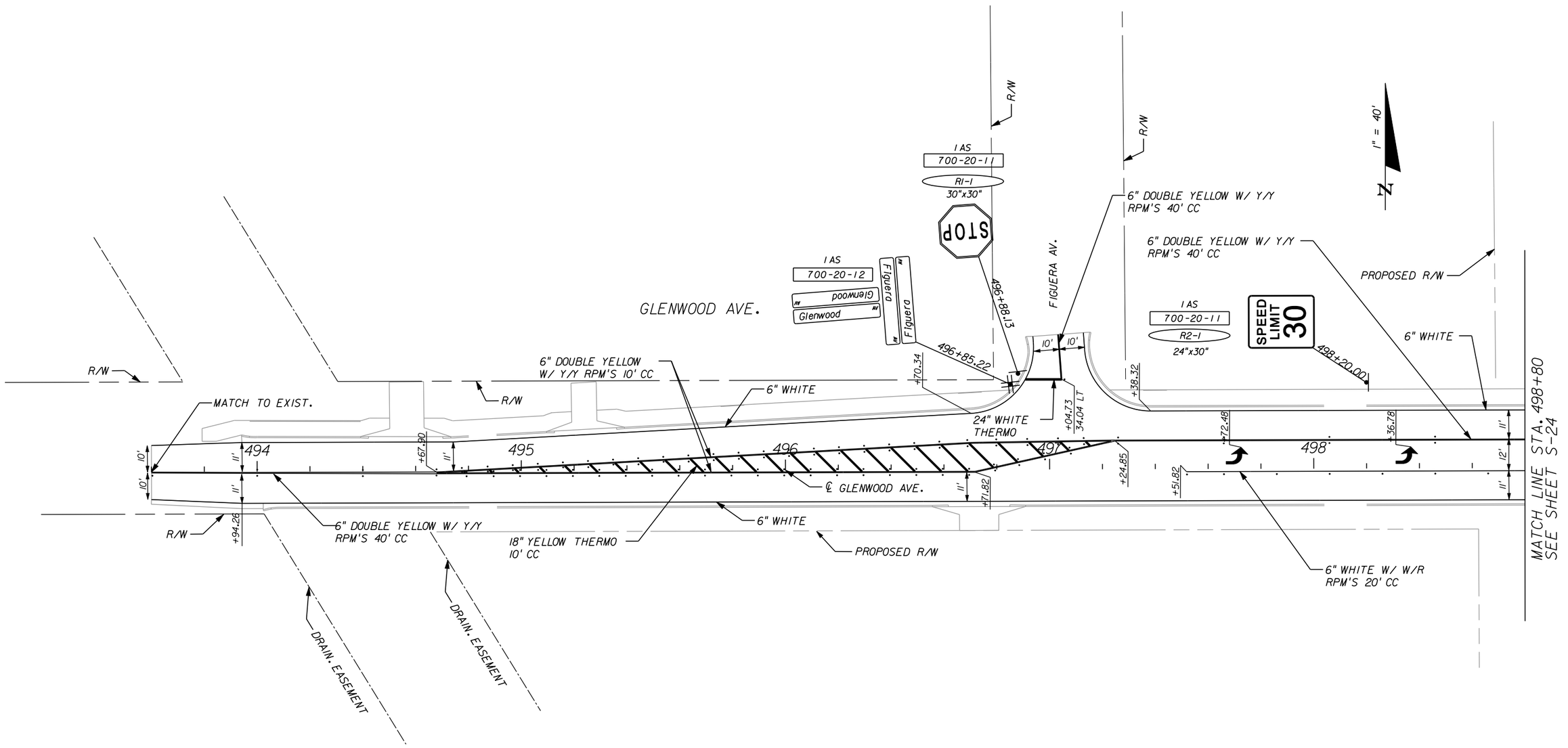
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# SIGNING & PAVEMENT MARKING
# LUCKETT ROAD

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S-41

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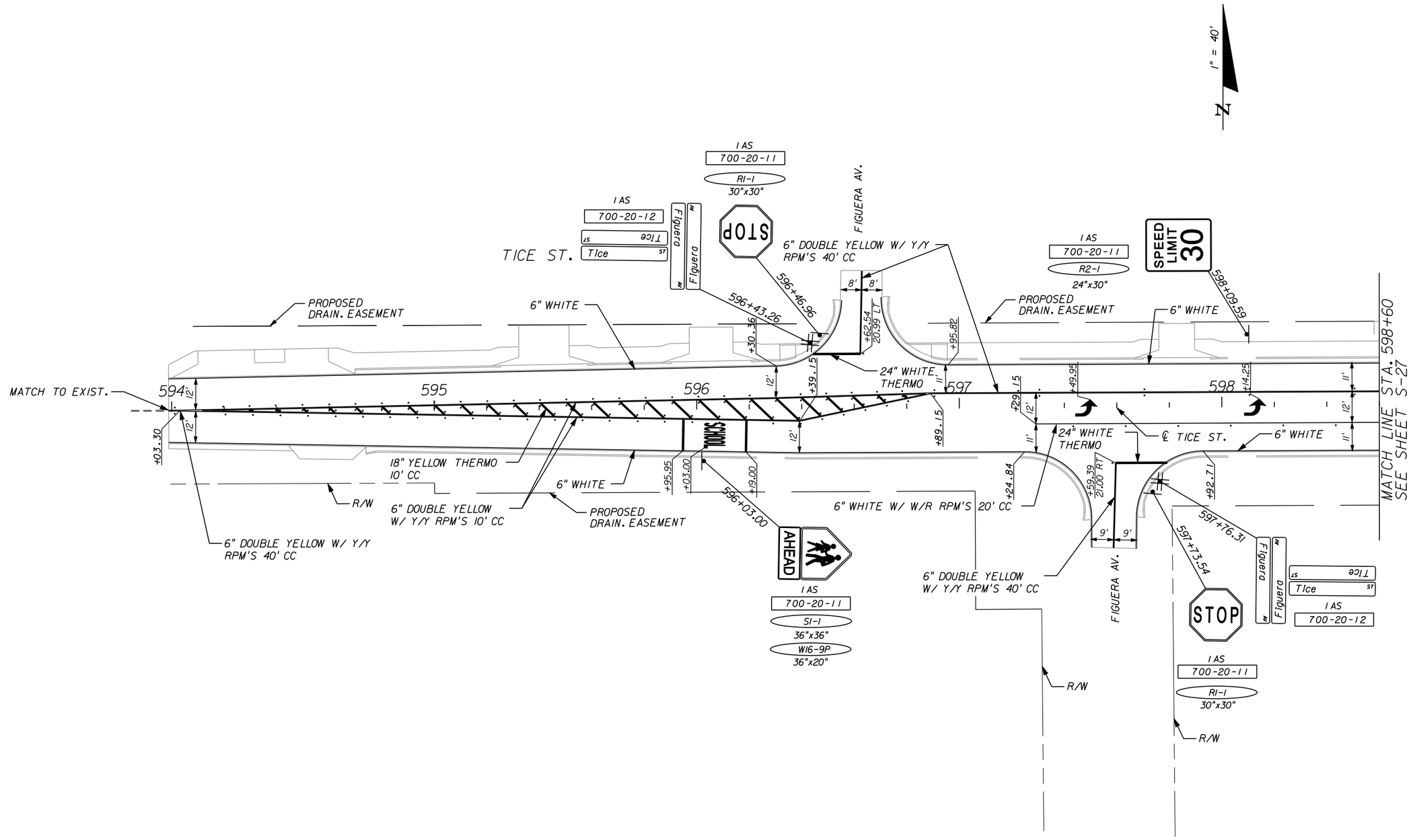

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# SIGNING & PAVEMENT MARKING
# GLENWOOD AVENUE

SHEET NO.
S-42

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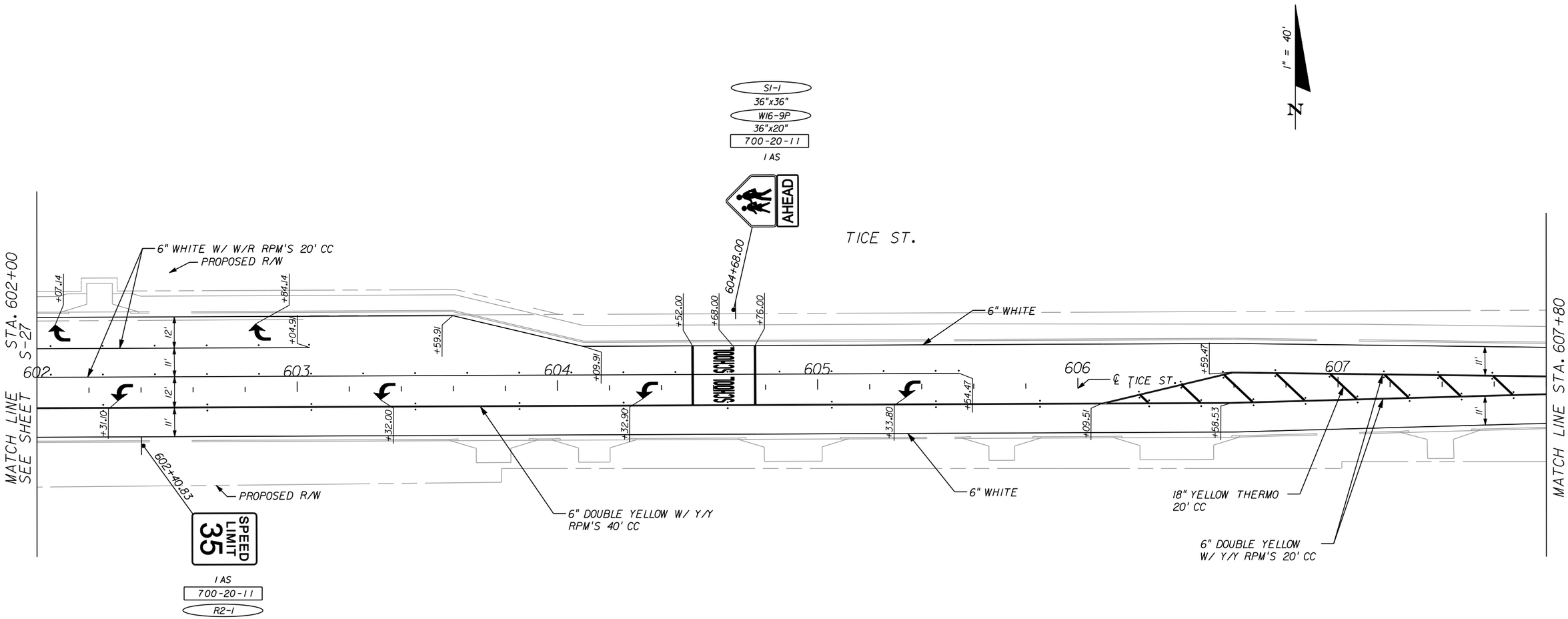

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# SIGNING & PAVEMENT MARKING
# TICE STREET

SHEET NO.
S-43


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CERTIFICATE OF AUTHORIZATION NO. 3114

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FLORIDA CERTIFICATE NO. 61644

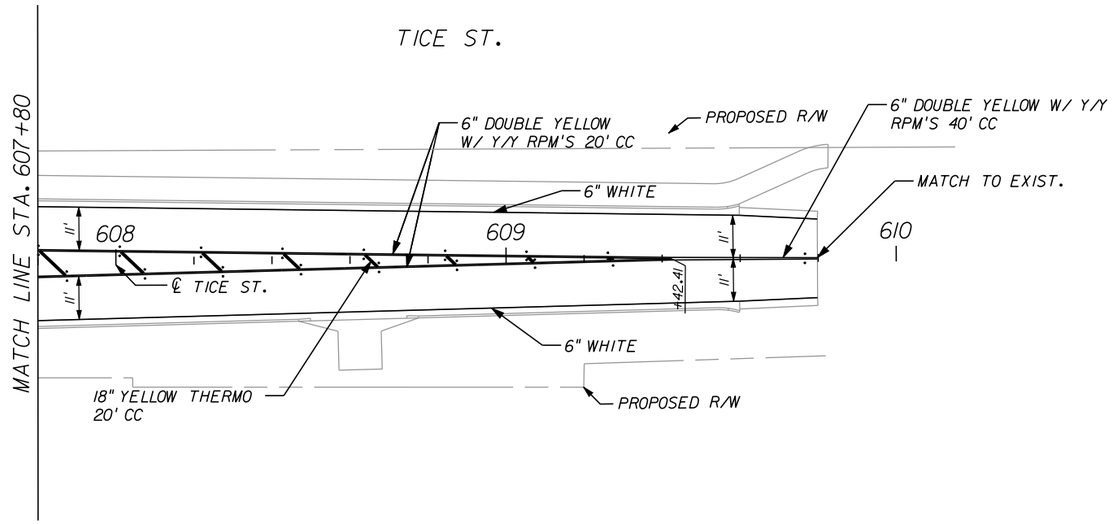
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apeters

# SIGNING & PAVEMENT MARKING
# TICE STREET

SHEET NO.
S-44

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TAMPA, FLORIDA 33610
TELEPHONE (888)627-4144
FAX (813)664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


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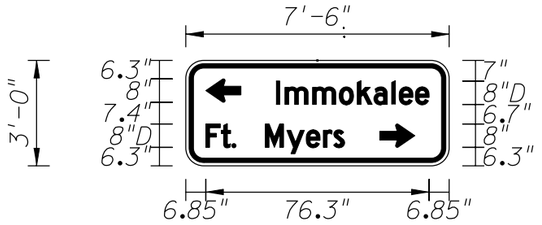

# SIGNING & PAVEMENT MARKING
# TICE STREET

SHEET NO.
S-45

| SIGN NAME | SIGN A | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 1015+00 |
| WIDTH | 7'-6" | 2 | |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.5" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| ARUP | 90 | 6.8 | 21.7 | 8 | 12 |
| ARUP | 270 | 66.3 | 6.3 | 8 | 12 |
| | | | | | |
| | | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| A | 10' | W6 | 12 | 10.67' |

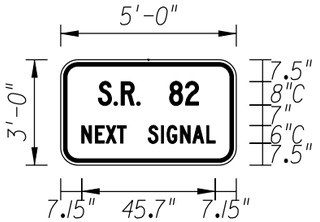



| COPY | | I | m | m | o | k | a | l | e | e | | L | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 30.8 | 3 | 9.4 | 9.1 | 6.2 | 5.7 | 6.1 | 2.6 | 5.5 | 4.7 | 6.8 | 52.3 | | | | | | | | | | | |
| COPY | | F | t | . | | M | y | e | r | s | | L | | | | | | | | | | | |
| SPACE | 6.8 | 5.3 | 3.6 | 1.4 | 10 | 7.4 | 6.6 | 5.8 | 3.5 | 3.8 | 35.7 | 47.4 | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | SIGN B | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 1021+00 |
| WIDTH | 5'-0" | 2 | |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.25" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| B | 10' | W6 | 12 | 10.25' |

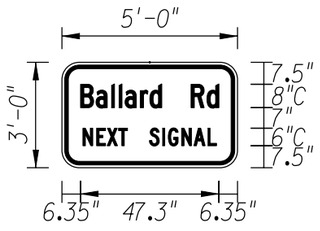



| COPY | | S | . | R | . | | 8 | 2 | | L | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 12.9 | 5.3 | 2.5 | 5.3 | 1.3 | 10 | 5.4 | 4.5 | 12.9 | 34.2 | | | | | | | | | | | | | |
| COPY | | N | E | X | T | | S | I | G | N | A | L | | L | | | | | | | | | |
| SPACE | 7.2 | 4.7 | 3.6 | 3.9 | 3.1 | 7.5 | 4.4 | 2 | 4.6 | 4.2 | 4.7 | 3.1 | 7.2 | 45.7 | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | SIGN C | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 1056+00 |
| WIDTH | 5'-0" | 2 | 1070+00 |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.25" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| C1 | 10' | W6 | 12 | 10.250' |
| C2 | 10' | W6 | 12 | 10.250' |

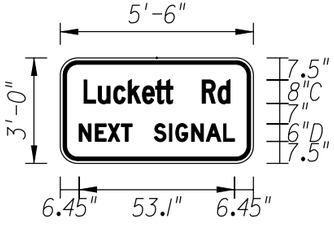



| COPY | | B | a | l | l | a | r | d | | R | d | | L | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 6.4 | 5.3 | 5.2 | 2.6 | 2.2 | 5.2 | 3.3 | 4.1 | 10 | 5.4 | 4.1 | 6.4 | 47.3 | | | | | | | | | | |
| COPY | | N | E | X | T | | S | I | G | N | A | L | | L | | | | | | | | | |
| SPACE | 7.2 | 4.7 | 3.6 | 3.9 | 3.1 | 7.5 | 4.4 | 2 | 4.6 | 4.2 | 4.7 | 3.1 | 7.2 | 45.7 | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | SIGN D | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 1066+40 |
| WIDTH | 5'-6" | 2 | 1084+00 |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.25" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| D1 | 21.42 | W6 | 12 | 10.23' |
| D2 | 10' | W6 | 12 | 10.33' |




| COPY | | L | u | c | k | e | t | t | | R | d | | L | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 8 | 5 | 5.3 | 5 | 4.9 | 4.5 | 3 | 2.9 | 10 | 5.4 | 4.1 | 8 | 50 | | | | | | | | | | |
| COPY | | N | E | X | T | | S | I | G | N | A | L | | L | | | | | | | | | |
| SPACE | 6.5 | 5.5 | 4.3 | 4.6 | 3.7 | 7.5 | 5.1 | 2.3 | 5.4 | 5 | 6 | 3.7 | 6.5 | 53.1 | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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(239) 479-8900 www.lee-county.com/publicworks/dottle.htm


# GUIDE SIGN WORKSHEET

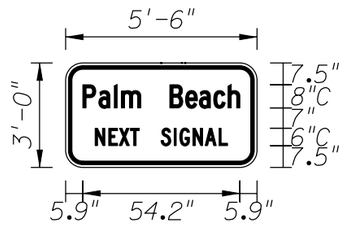
SHEET NO.
S-46

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| SIGN NAME | SIGN E | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 1137+00 |
| WIDTH | 5'-6" | 2 | |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.25" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| E1 | 10' | W6 | 12 | 10.33' |

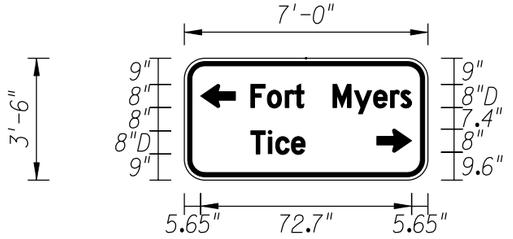



| COPY | | P | a | l | m | | B | e | a | c | h | | L | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 5.9 | 5.5 | 5.2 | 2.6 | 6.7 | 10 | 5.4 | 4.7 | 5 | 5 | 4.1 | 5.9 | 54.2 | | | | | | | | | | |
| COPY | | N | E | X | T | | S | I | G | N | A | L | | L | | | | | | | | | |
| SPACE | 10.2 | 4.7 | 3.6 | 3.9 | 3.1 | 7.5 | 4.4 | 2 | 4.6 | 4.2 | 4.7 | 3.1 | 10.2 | 45.7 | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
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| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
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| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | SIGN F | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 404+10 |
| WIDTH | 7'-0" | 2 | |
| HEIGHT | 3'-6" | 3 | |
| BORDER WIDTH | 1.5" | 4 | |
| BORDER RADII | 6" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| ARUP | 90 | 5.6 | 25 | 8 | 12 |
| ARUP | 270 | 66.4 | 9.6 | 8 | 12 |
| | | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| F | 10' | W6 | 12 | 10.975' |

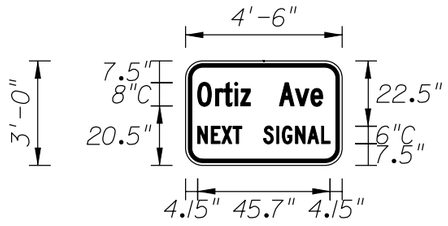



| COPY | | F | o | r | t | | M | y | e | r | s | | L | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 22.9 | 5.7 | 6.2 | 3.3 | 3.2 | 10 | 7.4 | 6.6 | 5.8 | 3.5 | 3.8 | 5.6 | 55.4 | | | | | | | | | | |
| COPY | | T | i | c | e | | L | | | | | | | | | | | | | | | | |
| SPACE | 22.9 | 6 | 2.6 | 5.4 | 4.7 | 42.3 | 18.7 | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
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| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
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| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | SIGN G | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 407+00 |
| WIDTH | 4'-6" | 2 | |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.25" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| G1 | 10' | W6 | 12 | 10.170' |

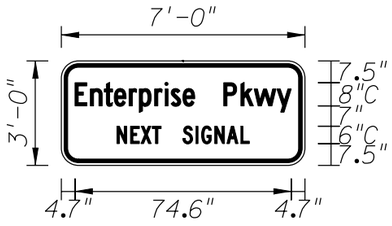



| COPY | | O | r | t | i | z | | A | v | e | | L | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 4.2 | 6.2 | 2.9 | 3.7 | 2.1 | 3.4 | 10 | 5.5 | 5.4 | 4.1 | 6.7 | 43.1 | | | | | | | | | | | |
| COPY | | N | E | X | T | | S | I | G | N | A | L | | L | | | | | | | | | |
| SPACE | 4.2 | 4.7 | 3.6 | 3.9 | 3.1 | 7.5 | 4.4 | 2 | 4.6 | 4.2 | 4.7 | 3.1 | 4.2 | 45.7 | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | SIGN H | STATION(S) | |
|---|---|---|---|
| QUANTITY | 1 | 1 | 420+00 |
| WIDTH | 7'-0" | 2 | |
| HEIGHT | 3'-0" | 3 | |
| BORDER WIDTH | 1.25" | 4 | |
| BORDER RADII | 5" | 5 | |
| PANEL COLOR | Green | | |
| LEGEND | White | | |
| BORDER | White | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| H | 10' | W6 | 12 | 10.580' |




| COPY | | E | n | t | e | r | p | r | i | s | e | | P | k | w | y | | L | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 4.7 | 5.3 | 4.8 | 3.4 | 5.1 | 3.5 | 5.3 | 3.5 | 2.2 | 4.1 | 4.1 | 10 | 5.9 | 4.6 | 7.8 | 5 | 4.7 | 74.6 | | | | | |
| COPY | | N | E | X | T | | S | I | G | N | A | L | | L | | | | | | | | | |
| SPACE | 19.2 | 4.7 | 3.6 | 3.9 | 3.1 | 7.5 | 4.4 | 2 | 4.6 | 4.2 | 4.7 | 3.1 | 19.2 | 45.7 | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
AMANDA J. CORREIA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


# GUIDE SIGN WORKSHEET

SHEET NO.
S-47

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | | | TOTAL THIS SHEET | | GRAND TOTAL | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T-3 | | T-4 | | T-5 | | T-6 | | | | | | | | | | | | | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | |
| 555-1-2 | DIRECTIONAL BORE - (6" TO <12") | LF | 292 | | 385 | | 342 | | 222 | | | | | | | | | | | | | | 1241 | | 1241 | | |
| 630-1-11 | CONDUIT (ABOVEGROUND) / F&I | LF | 25 | | 25 | | 25 | | 33 | | | | | | | | | | | | | | 108 | | 108 | | |
| 630-1-12 | CONDUIT (UNDERGROUND) / F&I | LF | 353 | | 439 | | 415 | | 529 | | | | | | | | | | | | | | 1736 | | 1736 | | |
| 630-1-13 | CONDUIT (UNDERPAVEMENT SAWCUT) / F&I | LF | | | | | | | 13 | | | | | | | | | | | | | | 13 | | 13 | | |
| 632-7-1 | CABLE (SIGNAL) / F&I | PI | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 4 | | 4 | | |
| 634-4-113 | SPAN WIRE ASSEMBLY - BOX / F&I | PI | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | 3 | | 3 | | |
| 634-5-1 | FIBERGLASS INSULATOR | LF | 10 | | 20 | | | | | | | | | | | | | | | | | | 30 | | 30 | | |
| 635-1-11 | PULL AND JUNCTION BOXES (PULL BOX) / F&I | EA | 19 | | 21 | | 22 | | 22 | | | | | | | | | | | | | | 84 | | 84 | | |
| 635-1-15 | PULL AND JUNCTION BOXES (FIBER OPTIC) / F&I | EA | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | 3 | | 3 | | |
| 639-1-22 | ELECTRICAL POWER SERVICE (UNDERGROUND) | AS | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 4 | | 4 | | |
| 639-2-1 | ELECTRICAL SERVICE WIRE / F&I | LF | 840 | | 855 | | 951 | | 294 | | | | | | | | | | | | | | 2940 | | 2940 | | |
| 641-16-138 | PRESTRESSED CONCRETE POLES - TYPE N-VII 38 FEET / F&I W/F | EA | 4 | | 4 | | 4 | | | | | | | | | | | | | | | | 12 | | 12 | | |
| 641-41-112 | PRESTRESSED CONCRETE POLES-TYPE N-II 12 FEET / F&I - DIRECT BURIAL | EA | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 4 | | 4 | | |
| 649-31-204 | MAST ARM F&I SINGLE ARM W/O LUMINAIRE (70.5') | EA | | | | | | | 1 | | | | | | | | | | | | | | 1 | | 1 | | |
| 649-33-115 | MAST ARM F&I DBL ARM W/O LUMINAIRE (46'-60') | EA | | | | | | | 1 | | | | | | | | | | | | | | 1 | | 1 | | |
| 649-33-117 | MAST ARM F&I DBL ARM W/O LUMINAIRE (60'-60') | EA | | | | | | | | | | | | | | | | | | | | | 0 | | 0 | | |
| 650-51-311 | TRAFFIC SIGNAL, 12" LED. 3 SECTION (1 WAY) / F&I | AS | 8 | | 12 | | 8 | | | | | | | | | | | | | | | | 28 | | 28 | | |
| 650-51-313 | TRAFFIC SIGNAL F&I 3SEC, 1DIR, SPECIAL | AS | | | | | | | 7 | | | | | | | | | | | | | | 7 | | 7 | | |
| 650-51-511 | TRAFFIC SIGNAL, 12" LED. 5 SECTION (1 WAY) / F&I | AS | 2 | | 1 | | 2 | | | | | | | | | | | | | | | | 5 | | 5 | | |
| 650-51-513 | TRAFFIC SIGNAL F&I 5SEC, 1DIR, SPECIAL | AS | | | | | | | 2 | | | | | | | | | | | | | | 2 | | 2 | | |
| 653-181 | PEDESTRIAN SIGNALS, LED, ONE WAY / F&I | AS | 6 | | 8 | | 8 | | 6 | | | | | | | | | | | | | | 28 | | 28 | | |
| 653-182 | PEDESTRIAN SIGNALS, LED, TWO WAYS / F&I | AS | 1 | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | |
| 659-101 | SIGNAL HEAD AUXILIARIES (BACK PLATES, 3 SECTION) | EA | 2 | | 5 | | 2 | | 2 | | | | | | | | | | | | | | 11 | | 11 | | |
| 659-106 | SIGNAL HEAD AUXILIARIES (TUNNEL VISOR) | EA | 34 | | 41 | | 34 | | | | | | | | | | | | | | | | 109 | | 109 | | |
| 659-107 | SIGNAL HEAD AUXILIARIES (ALUMINUM PEDESTAL) / F&I | EA | 5 | | 4 | | 4 | | 6 | | | | | | | | | | | | | | 19 | | 19 | | |
| 659-118 | SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECTION) | EA | 2 | | 1 | | 2 | | 2 | | | | | | | | | | | | | | 7 | | 7 | | |
| 663-74-11 | VEHICLE DETECTOR - OPTICAL TYPE / F&I | EA | 4 | | 4 | | 4 | | 3 | | | | | | | | | | | | | | 15 | | 15 | | |
| 665-11 | PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION) / F&I | EA | 2 | | 4 | | 4 | | | | | | | | | | | | | | | | 10 | | 10 | | |
| 665-13 | PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY) / F&I | EA | 6 | | 4 | | 4 | | 6 | | | | | | | | | | | | | | 20 | | 20 | | |
| 670-5-110 | ACTUATED SOLID STATE CONTROLLER ASSEMBLY, NEMA / F&I | AS | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 4 | | 4 | | |
| 685-124 | SYSTEM AUXILIARIES (FIBER SPLICE ENCLOSURE) / F&I | EA | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | 3 | | 3 | | |
| 685-128 | SYSTEM AUXILIARIES (PATCH PANEL, PRETERMINATED, 60' 12 STR SM) / F&I | EA | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | 3 | | 3 | | |
| 685-140 | SYSTEM AUXILIARIES (FIBER OPTIC, MODULATOR/DEMODULATOR) / F&I | EA | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | 3 | | 3 | | |
| 690-10 | TRAFFIC SIGNAL HEAD ASSEMBLY REMOVAL | EA | 8 | | 6 | | 6 | | 8 | | | | | | | | | | | | | | 28 | | 28 | | |
| 690-20 | SIGNAL PEDESTRIAN ASSEMBLY REMOVAL | EA | 4 | | | | 8 | | 8 | | | | | | | | | | | | | | 20 | | 20 | | |
| 690-31 | SIGNAL PEDESTAL REMOVAL | EA | 1 | | | | 6 | | 2 | | | | | | | | | | | | | | 9 | | 9 | | |
| 690-33-1 | POLE REMOVAL (DEEP DIRECT BURIAL) | LF | 40 | | 20 | | 20 | | 30 | | | | | | | | | | | | | | 110 | | 110 | | |
| 690-50 | CNTRL ASSEM REMOVE | EA | 1 | | | | 1 | | | | | | | | | | | | | | | | 2 | | 2 | | |
| 690-50-1 | CNTRL ASSEM REMOVE (CAB ASSM LESS FOUNDATION) | EA | | | 1 | | | | 1 | | | | | | | | | | | | | | 2 | | 2 | | |
| 690-60 | DETECTOR VEHICLE ASSEMBLY REMOVE | EA | 6 | | 4 | | 6 | | | | | | | | | | | | | | | | 16 | | 16 | | |
| 690-70 | DETECTOR PEDESTRIAN ASSEMBLY REMOVE | EA | 4 | | | | 8 | | 8 | | | | | | | | | | | | | | 20 | | 20 | | |
| 690-80 | SPAN WIRE ASSEMBLY REMOVE | EA | 4 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 7 | | 7 | | |
| 690-90 | CONDUIT & CABLING REMOVE | PI | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 4 | | 4 | | |
| 690-100 | SIGNAL EQUIPMENT MISCELLANOUS REMOVE | PI | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | 4 | | 4 | | |
| 699-1-1 | INTERNALLY ILLUMINATED SIGN - SINGLE-PANEL ONE-WAY | EA | 4 | | 4 | | 4 | | 3 | | | | | | | | | | | | | | 15 | | 15 | | |
| 700-46-15 | EXISTING SIGN (REMOVE, SPAN WIRE) | EA | 6 | | 3 | | 2 | | | | | | | | | | | | | | | | 11 | | 11 | | |
| 700-48-18 | SIGN PANEL (SQ FOOTAGE OF SIGN PANEL- 15 OR LESS) (R10-12)/ F&I | EA | 2 | | 1 | | 2 | | | | | | | | | | | | | | | | 5 | | 5 | | |
| 715-1-12 | LIGHTING CONDUCTOR (NO. 6, F&I) | LF | 1184 | | 1390 | | 1752 | | | | | | | | | | | | | | | | 4326 | | 4326 | | |
| 715-5-11 | LUMINAIRE & BRACKET ARM (ALUMINUM, F&I) | EA | 4 | | 4 | | 4 | | | | | | | | | | | | | | | | 12 | | 12 | | |

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VANUS, INC.
4350 W. CYPRESS ST., SUITE 340
TAMPA, FL 33607
TELEPHONE: (813) 831-8870
CA NO.: 4266
WWW.VANUSINC.COM


APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm


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SIGNALIZATION
TABULATION OF QUANTITIES

SHEET NO.
T-1

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# SIGNALIZATION NOTES

EXISTING EQUIPMENT OWNERS: LEE COUNTY DEPARTMENT OF TRANSPORTATION

SIGNAL TO BE MAINTAINED BY: LEE COUNTY DEPARTMENT OF TRANSPORTATION

FOR PAVEMENT MARKINGS, SEE PAVEMENT MARKING PLANS.

DURING TRAFFIC SIGNAL FLASHING OPERATION, THE RED ARROW INDICATION OF ALL 3-SECTION LEFT-TURN HEADS SHALL BE THE FLASHING INDICATION DISPLAYED.

FOR TRAFFIC CONTROL DURING SIGNAL INSTALLATION: SEE TRAFFIC CONTROL PLANS WITHIN ROADWAY PLAN SET.

AT LEAST 48 HOURS PRIOR TO BEGINNING THE TRAFFIC SIGNAL INSTALLATION, PERMITTEE SHALL CONTACT THE TRAFFIC SIGNAL 3 INSPECTOR/LIAISON:

MIKE PADGETT
LEE COUNTY TRAFFIC SIGNAL INSPECTOR
5650 ENTERPRISE PKWY
FORT MYERS, FLORIDA 33905
PH: (239)533-9500

CONTRACTOR TO CONTACT SUNSHINE ONE-CALL LOCATES, 48 HOURS PRIOR TO START OF WORK.

FLORIDA POWER & LIGHT COMPANY SHALL ASSIST CONTRACTOR IN PERFORMING ALL NECESSARY WORK UNDER THEIR POWER LINES, SUCH AS THE INSTALLATION OF SPAN WIRE, SIGNAL CABLE, FIBERGLASS INSULATORS AND SIGNAL POLES. CONTRACTOR SHALL NOTIFY THE POWER COMPANY AT LEAST 72 HOURS PRIOR TO INSTALLATION OF THIS EQUIPMENT.

# PAY ITEM NOTES

**555-1-1, 555-1-2 AND 630-1-12:**
INTERCONNECT CABLE SHALL BE INSTALLED IN A 3"HDPE FIBER OPTIC CONDUIT WITH MAXCELL 3-CELL INNERDUCTS.

**630-1-11:**
USE ABOVE-GROUND CONDUIT FOR VERTICAL RUNS ON EXISTING POLES AS SHOWN IN PLANS WHEN SIGNAL CABLE AND/OR OTHER CABLES CAN NOT BE INSTALLED IN EXISTING POLES.

**630-1-12 AND 630-1-13:**
ALL CONDUIT UNDER PROPOSED ROADWAY AND/OR SIDEWALK SHALL BE INSTALLED PRIOR TO INSTALLATION OF ROADWAY BASE AND SURFACE OR CONCRETE.

PAYMENT SHALL INCLUDE THE COST OF TRENCHING AND ALL CONDUIT IN TRENCH.

IN LIEU OF THE INSTALLATION OF NEW CONDUIT, EXISTING CONDUIT (IF NOT DAMAGED) MAY BE RE-USED, AS DIRECTED BY THE PROJECT ENGINEER.

**632-7-1:**
SIGNAL CABLE SHALL BE SPLICED TO A SEPARATE CABLE (FOR EACH SIGNAL HEAD) IN THE BASE OF SIGNAL STRUCTURES. EACH SEPARATE CABLE SHALL HAVE A MINIMUM OF 0.5' DIAMETER LOOP FOR FUTURE SPLICING. THE CABLES SHALL BE CONNECTED USING B-CAP RED WIRE NUTS. A PERMANENT MARKING SHALL BE PLACED ON THE WIRE DESIGNATING THE PHASE USED. SPARE CONDUCTORS SHALL BE CONNECTED TOGETHER USING B-CAP RED WIRE NUTS AND ARE GROUNDED INSIDE BASE OF POLE.

THE COLOR CODE OF SIGNAL CABLE SHALL BE VERIFIED WITH THE MAINTAINING AGENCY PRIOR TO WIRING INTERSECTION.

SIGNAL CABLE SHALL BE SPLICED IN BASE OF PEDESTRIAN PEDESTAL (NOT IN PEDESTRIAN HEAD)

**635-1-11 AND 635-1-15:**
CONTRACTOR IS RESPONSIBLE FOR APPROPRIATELY SIZING EACH PULL BOX SO THE COMMUNICATION AND/OR INTERCONNECT CABLE DOES NOT EXCEED MANUFACTURERS RECOMMENDED BENDING RADIUS. FOR INTERCONNECT CABLE, PULL BOXES SHALL BE PLACED A MINIMUM OF 500' APART.

USE POLYMER CONCRETE CONSTRUCTION BOX WITH A POLYMER CONCRETE RD LOAD RATING, COVER MARKED "TRAFFIC SIGNAL" FOR COMMUNICATION AND/OR INTERCONNECT CABLE. USE 24" X 36" PULL BOXES PLACED A MINIMUM OF 500' APART.

PULL BOXES ARE TO BE PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, PULL BOXES SHALL BE PLACED A MINIMUM OF 7' FROM THE EDGE OF PAVEMENT.

**639-1-22:**
THIS ITEM SHALL INCLUDE THE COST OF ALL SPECIAL IMPACT CONNECTION FEES CHARGED BY LOCAL POWER COMPANIES FOR ELECTRICAL SERVICE CONNECTION.

THIS ITEM SHALL INCLUDE A LEVER-TYPE BYPASS METER SOCKET.

ELECTRICAL SERVICE DISCONNECT MAIN BREAKER SHALL NOT BE LESS THAN 60 AMPS.

USE GALVANIZE RIGID ABOVE GROUND CONDUIT FOR ELECTRICAL POWER SERVICE.

ELECTRICAL SERVICE DISCONNECT SHALL BE COMPRISED OF A SIX (6) CIRCUIT DISCONNECT BOX WITH THREE CIRCUIT BREAKERS - ONE 15 AMP. FOR INTERNALLY ILLUMINATED STREET NAME SIGNS, ONE 15 AMP. FOR FUTURE USE AND ONE 30 AMP. FOR CONTROLLER CABINET.

**639-2-1:**
PAYMENT SHALL BE BASED ON THE LINEAR FOOT OF A SINGLE CONDUCTOR.

IN ADDITION TO THREE SERVICE WIRES, THIS ITEM SHALL INCLUDE A BONDING WIRE FROM ELECTRICAL SERVICE POINT TO CONTROLLER.

**641-16-138:**
USE TWO 2" CONDUITS (EXCEPT FOR THE POLE LOCATED ADJACENT TO THE CONTROLLER CABINET WHICH SHALL HAVE THREE 2" CONDUITS) STUBBED OUT THROUGH PRESTRESSED CONCRETE POLE FOOTER AND TEMPORARILY SEALED.

POLE TYPE AND HEIGHT IS ASSUMED FOR THIS SUBMITTAL. ACTUAL POLE INFORMATION WILL BE PROVIDED FOR NEXT SUBMITTAL.

**649-33-115 AND 649-33-117:**
USE TWO 2" AND ONE½" CONDUITS STUBBED OUT THROUGH THE MAST ARM POLE FOUNDATION AND TEMPORARILY SEALE.

**650-51-313 AND 650-51-513:**
METAL HEADS SHALL BE USED.

ALL SIGNAL HEAD SECTIONS SHALL BE APPROVED LED TYPE.

USE SIGNAL HEAD SUPPORTING TUBE THAT IS CAPABLE OF ADJUSTING VERTICALLY A MINIMUM OF 1.5 FEET.

USE B-CAP (SILICONE FILLED) TWIST WIRE NUTS FOR ALL CONNECTIONS IN THE DISCONNECT. USE RED, YELLOW, GREEN, AND WHITE THHN #14 COPPER WIRES FROM DISCONNECT TO SIGNAL HEAD. PLACE A PERMANENT MARKING ON THE WIRE DESIGNATING THE PHASE USED.

**653-311 AND 653-312:**
STAINLESS STEEL BANDS SHALL BE USED TO ATTACH SIGNAL HEAD MOUNTING BRACKET TO MAST ARM.

**653-181:**
PEDESTRIAN SIGNALS SHALL BE SINGLE-SECTION, INTERNATIONAL SYMBOL, LED HEADS.

MOUNTING HEIGHT OF PEDESTRIAN HEAD SHALL BE 9 FEET 6 INCHES ABOVE GRADE TO BOTTOM OF HEAD.

**659-101 AND 659-118:**
SIGNAL BACK PLATES SHALL BE ONE-PIECE METAL LOUVERED.

**659-107:**
PEDESTRIAN PEDESTALS SHALL BE INSTALLED USING BREAKAWAY ALUMINUM SQUARE BASE ASSEMBLIES WITH ALUMINUM DOORS. SIGNAL CABLE SHALL BE SPLICED IN BASE OF PEDESTAL (NOT IN PEDESTRIAN HEADS) WITH EPOXY FILLED (B-CAP). INSIDE DIAMETER OF PEDESTALS SHALL BE FOUR INCHES (4").

**665-11 AND 665-13:**
THESE ITEMS SHALL INCLUDE LABOR AND MATERIALS REQUIRED FOR INSTALLATION OF PEDESTRIAN BUTTON SIGNAL SIGN FTP-69A-06. STREET NAME SHALL BE IN ACCORDANCE WITH THE STREET NAMES SHOWN ON THE SIGNALIZATION PLAN SHEETS.

**670-5-110:**
BASE OF CONTROLLER TO BE SAME ELEVATION AS CENTER OF ROADWAY OR GREATER.

CONTROLLER BASE SHALL BE POLYMER CONCRETE CONSTRUCTION, AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. BASE SHALL HAVE A TWELVE-INCH (12") BED OF PEA ROCK OR CRUSHED STONE FOR DRAINAGE. CONDUIT STUBS SHALL BE SIX TO TWELVE INCHES (6 - 12") BELOW THE ACCESS HOLE IN THE CABINET PAD. A SERVICE SLAB SHALL BE THE WIDTH OF THE CABINET BASE AND SHALL EXTEND OUT THIRTY INCHES (30").

THIS ITEM SHALL INCLUDE THE IMPLEMENTATION OF TIMINGS INTO ALL COMPONENTS. THE COORDINATION TIMINGS WILL BE SUPPLIED TO THE PROJECT ENGINEER UPON HIS REQUEST. REQUESTS SHOULD BE MADE TO LEE COUNTY TRAFFIC.

CONTROLLER CABINET SHALL BE COMPATIBLE WITH THE EXISTING CLOSED-LOOP COMPUTER SYSTEM. ALL LABOR AND MATERIALS (INCLUDING THE INTERFACE PANEL AND LIGHTNING ARRESTORS) NECESSARY FOR A COMPLETE AND ACCEPTABLE INSTALLATION SHALL BE INCLUDED IN THE PRICE FOR A CONTROLLER ASSEMBLY.

COORDINATION UNITS SHALL HAVE CAPABILITIES OF GENERATING SEPARATE FORCEOFFS AND PERMISSIVE PERIODS FOR MOVEMENTS 1, 3, 4, 5, 7 AND/OR 8.

**685-143:**
ECONOLITE SOLO PRO IS THE PREFERRED VIDEO DETECTION. ANY OTHER TYPE MUST BE APPROVED BY LEE COUNTY DEPARTMENT OF TRANSPORTATION, TRAFFIC ENGINEER.

THE COST OF THE VIDEO DETECTION MOUNTING BRAKETS SHALL BE INCLUDED IN THE COST OF THE VIDEO DETECTION UNITS.

INSTALL VIDEO TRAFFIC DETECTION EQUIPMENT FURNISHED IN PERMANENT SIGNAL FOR TEMPORARY DETECTON. FURNISH AND INSTALL ALL ADDITIONAL EQUIPMENT NEEDED FOR TEMPORARY TRAFFIC DETECTION TO MAKE A COMPLETE AND ACCEPTABLE INSTALLATION (WOOD POLES, LUMINAIRE ARMS (15'), CABLING, CONDUIT, ETC.)

OPERATION SHALL INCLUDE IMPLEMENTATION OF DETECTION ZONES FOR EACH PHASE OF TEMPORARY DETECTION OPERATION.

A. UTILIZE ONE VIDEO CAMERA PER APPROACH. CAMERAS SHALL BE MOUNTED ON EXISTING POLES (WHERE APPLICABLE) FOR ULTIMATE DETECTION ZONE ALIGNMENT.

B. DETECTION ZONES FOR SIDE STREETS SHALL BE 6'X 30' EXTENDING 2' IN FRONT OF STOP BARS.

C. DETECTION ZONES FOR MAIN STREETS SHALL BE 6'X 6' FOR THROUGH LANES EXTENDING 50' BACK FROM STOP BAR AND 6'X 30' FOR LEFT TURN LANES EXTENDING 2' IN FRONT OF STOP BARS.

MAINTENANCE OF VIDEO TRAFFIC DETECTION EQUIPMENT SHALL INCLUDE ADJUSTMENTS OF CAMERA SETTINGS AND REIMPLEMENTATION OF DETECTION ZONE AS NEEDED.

REMOVAL SHALL INCLUDE TEMPORARY VIDEO DETECTION EQUIPMENT AND DETECTOR SUPPORTS, CABLING, CONDUIT AND MISCELLANEOUS HARDWARE. ALL REMOVED VIDEO DETECTION EQUIPMENT SHALL BE STOCKPILED FOR INSTALLATION IN THE PERMANENT SIGNAL.

**699-1-1:**
ALL INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE LED AND RIGID MOUNT ON MAST ARM.

CONNECT INTERNALLY ILLUMINATED STREET NAME SIGN CONDUCTORS TO PHOTOELECTRIC CELL LOCATED INSIDE THE CONTROLLER CABINET AND PHOTOELECTRIC CELL CONDUCTORS TO DEDICATED 15 AMP./120 VOLT CIRCUIT BREAKER LOCATED IN ELECTRICAL SERVICE. THIS ITEM SHALL INCLUDE A PLEXIGLASS WINDOW KIT (LIGHT ACCESS) FOR THE INSTALLATION OF A PHOTOELECTRIC CELL INSIDE THE CONTROLLER CABINET.

GOVERNING STANDARDS AND SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED JANUARY 2008, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2007, AND LEE COUNTY DEPARTMENT OF TRANSPORTATION PLANS SPECIFICATIONS DATED AUGUST 2005.

| UTILITY OWNER | CONTACT | PHONE |
|---|---|---|
| SPRINT TELEPHONE | RON POP | (239) 336-2030 |
| LEE COUNTY UTILITIES | VIOLET MOLNAR | (239) 479-8181 |
| FLORIDA POWER & LIGHT | ROY GARRISON | (239) 332-9129 |
| TECO PEOPLE GAS | PATTY MAYES | (239) 690-5513 |
| COMCAST | TOM VANTOL | (239) 732-3854 |
| AT & T | EUGENE FLICK | (239) 275-4146 |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377

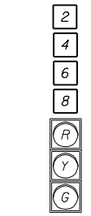
PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm

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SIGNALIZATION GENERAL NOTES

SHEET NO. T-2

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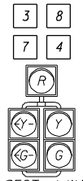

3-SECT., 1-WAY

| | |
|---|---|
| 650-51-311 | 6 AS |
| 659-101 | 2 EA |
| 659-106 | 18 EA |



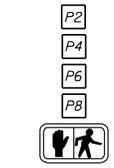

3-SECT., 1-WAY

| | |
|---|---|
| 650-51-311 | 2 AS |
| 659-106 | 6 EA |




5-SECT., 1-WAY

| | |
|---|---|
| 650-51-511 | 2 AS |
| 659-106 | 10 EA |
| 659-118 | 2 EA |




PED. SIGNAL
1-SECT., 1-WAY

| | |
|---|---|
| 653-181 | 6 AS |




PED. SIGNAL
1-SECT., 2-WAY

| | |
|---|---|
| 653-182 | 1 AS |

SIGNAL HEADS 3, 4, 7, AND 8 SHALL HAVE BACKPLATES.

## SIGNAL HEAD DETAILS

## CONTROLLER OPERATIONS:

1. MAJOR STREET IS ORTIZ AVENUE (MOVEMENT 2, AND 6), AND MINOR STREET IS BALLARD ROAD (MOVEMENT 4 AND 8).
2. SIGNAL OPERATION PLAN NO. 10 (SEE BELOW)
3. INSTALL VIDEO TRAFFIC DETECTION EQUIPMENT FURNISHED IN PERMANENT SIGNAL FOR TEMPORARY DETECTON DURING CONSTRUCTION PERIOD (SEE GENERAL NOTES FOR DETAILS).

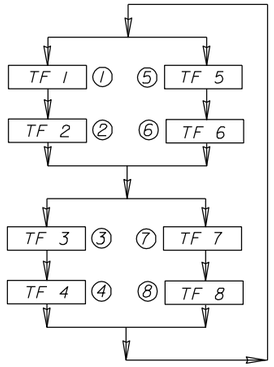
**BALLARD RD** SIGN A

**ORTIZ AVE** SIGN B

| | |
|---|---|
| 699-1-1 | 4 EA |

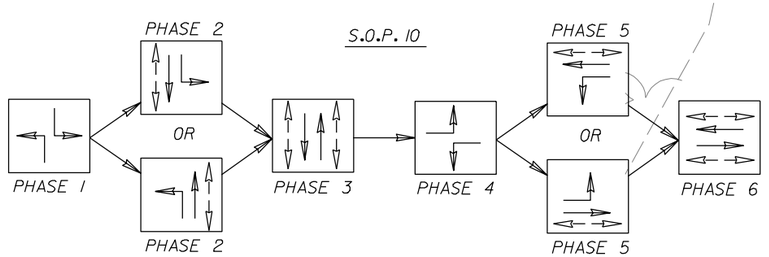
| CONTROLLER TIMINGS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TIMING FUNCTION | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| MOVEMENT NO. | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| TIMING FUNCTION | MINIMUM GREEN | 7 | 20 | 7 | 10 | 7 | 20 | 7 | 10 | | |
| | EXTENSION | 2.5 | 5 | 2.5 | 2.5 | 2.5 | 5 | 2.5 | 2.5 | | |
| | MAXIMUM GREEN 1 | 15 | 39 | 15 | 21 | 15 | 39 | 15 | 21 | | |
| | MAXIMUN GREEN 2 | | | | | | | | | | |
| | YELLOW CLEARANCE | 3.5 | 4.3 | 3.5 | 4 | 3.5 | 4.3 | 3.5 | 4 | | |
| | ALL RED | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | PED. WALK | | 7 | | 7 | | 7 | | 7 | | |
| | PED. CLEARANCE | | 13 | | 29 | | 13 | | 25 | | |
| | RECALL | | | | | | | | | | |

TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER. INSTALL CONCURRENT TIMING OF INITIAL AND EXTENSION INTERVALS.




| VIDEO VEHICLE DETECTION ASSIGNMENTS | | | |
|---|---|---|---|
| CAMERA DETECTOR | DETECTION ZONE | CONNECT TO TIMING FUNCTION | DELAY TIME (SECS.) |
| CD1 | DZ3 | TF 3 | |
| | DZ8 | TF 8 | |
| CD2 | DZ2 | TF 2 | |
| | DZ2 | TF 2 | |
| | DZ5 | TF 5 | |
| CD3 | DZ4 | TF 4 | |
| | DZ7 | TF 7 | |
| CD4 | DZ1 | TF 1 | |
| | DZ6 | TF 6 | |
| | DZ6 | TF 6 | |

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.




SPECIAL SYMBOLOGY

- ------ VIDEO DETECTOR
- DZ5 --- VIDEO DETECTION ZONE

| REMOVAL ITEMS | |
|---|---|
| 690-10 | 8 EA |
| 690-20 | 4 EA |
| 690-31 | 1 EA |
| 690-33-1 | 40 LF |
| 690-50 | 1 EA |
| 690-60 | 6 EA |
| 690-70 | 4 EA |
| 690-80 | 4 EA |
| 690-90 | 1 PI |
| 690-100 | 1 PI |
| 700-46-15 | 6 EA |

LEFT TURN YIELD ON GREEN

SIGN C
R10-12 (24" X 30")

| | |
|---|---|
| 700-48-18 | 2 EA |

PED POLE LOCATION=
STA. 1063+92 (82.7 LT)

| | |
|---|---|
| 8 LF | 630-1-12 |
| 1 EA | 659-107 |
| 1 EA | 665-13 |

(5-2" PVC CONDUIT RUNS, 1 VID, 1 SIGNAL, 1 PED, 1 LIGHTING, 1 SPARE AND 1-3" HDPE CONDUIT RUN, INTERCONNECT FIBER)

| | |
|---|---|
| 87 LF | 555-1-2 |

EL 22.26

PED POLE LOCATION=
STA. 1064+07 (75.0 LT)

| | |
|---|---|
| 10 LF | 630-1-12 |
| 1 EA | 659-107 |
| 1 EA | 665-13 |

4 EL 20.35

POLE LOCATION=
STA. 1063+98 (78.7 LT)

(3 RUNS @ 10 LF)

| | |
|---|---|
| 30 LF | 630-1-12 |
| 3 EA | 635-1-11 |
| 1 EA | 641-16-138 |
| 1 EA | 663-74-11 |
| 1 EA | 715-5-11 |
| 214 LF | 715-1-12 |

(2 CONDUCTORS @ 107 LF)

PED POLE LOCATION=
STA. 1064+05 (70.4 RT)

| | |
|---|---|
| 630-1-12 | 10 LF |
| 635-1-11 | 1 EA |
| 659-107 | 1 EA |
| 665-13 | 2 EA |

1 EL 20.14

POLE LOCATION=
STA. 1063+97 (85.5 RT)
(3 RUNS @ 10 LF)

| | |
|---|---|
| 630-1-12 | 30 LF |
| 635-1-11 | 3 EA |
| 641-16-138 | 1 EA |
| 663-74-11 | 1 EA |
| 715-5-11 | 1 EA |
| 715-1-12 | 510 LF |

(2 CONDUCTORS @ 255 LF)

PRC STA. 1064+36.35

635-1-11 1 EA

10 LF 634-5-1

EL 21.62

632-7-1 1 PI
634-4-113 1 PI

EL 20.81

635-1-11 1 EA

EL 22.25

555-1-2 75 LF

(5-2" PVC CONDUIT RUNS, 1 VID, 1 SIGNAL, 1 PED, 1 LIGHTING, 1 SPARE)

3 EL 20.81

POLE LOCATION=
STA. 1063+14 (68.9 LT)

(3 RUNS @ 10 LF)

| | |
|---|---|
| 30 LF | 630-1-12 |
| 1 EA | 641-16-138 |
| 2 EA | 665-11 |
| 1 EA | 663-74-11 |
| 100 LF | 715-1-12 |
| 1 EA | 715-5-11 |

(2 CONDUCTORS @ 50 LF)

| | |
|---|---|
| 630-1-12 | 20 LF |
| 659-107 | 1 EA |
| 665-13 | 1 EA |

PED POLE LOCATION=
STA. 1063+31 (78.5 RT)

2 EL 20.35

POLE LOCATION=
STA. 1063+19 (64.3 RT)

(3 RUNS @ 10 LF)

| | |
|---|---|
| 630-1-12 | 30 LF |
| 635-1-11 | 3 EA |
| 641-16-138 | 1 EA |
| 663-74-11 | 1 EA |
| 715-1-12 | 360 LF (2 CONDUCTORS @ 180 LF) |
| 715-5-11 | 1 EA |

(6 RUNS @ 10 LF)

| | |
|---|---|
| 60 LF | 630-1-12 |
| 5 EA | 635-1-11 |
| 1 EA | 635-1-15 |

(3 CONDUCTORS @ 10 LF)

| | |
|---|---|
| 30 LF | 639-2-1 |
| 1 AS | 670-5-110 |
| 1 EA | 685-124 |
| 1 EA | 685-128 |
| 1 EA | 685-140 |

PED POLE LOCATION=
STA. 1063+10 (59.9 RT)

| | |
|---|---|
| 630-1-12 | 10 LF |
| 659-107 | 1 EA |
| 665-13 | 1 EA |

POWER SOURCE TO BE CONFIRMED BY OTHERS

| | |
|---|---|
| 630-1-11 | 25 LF |
| 630-1-12 | 105 LF |
| 635-1-11 | 2 EA |
| 639-2-1 | 390 LF |

(3 CONDUCTORS @ 130 LF)

(3 CONDUCTORS @ 10 LF)

| | |
|---|---|
| 30 LF | 639-2-1 |
| 10 LF | 630-1-12 |
| 1 AS | 639-1-22 |
| 1 EA | 641-41-112 |

SERVICE POLE

(5-2" PVC CONDUIT RUNS, 1 VID, 1 SIGNAL, 1 PED, 1 POWER/LIGHTING, 1 SPARE)

| | |
|---|---|
| 555-1-2 | 130 LF |
| 639-2-1 | 390 LF |

(3 CONDUCTORS @ 130 LF)

N PVC

0 10 40

Feet

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377

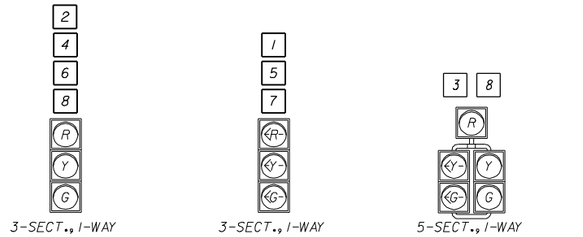

PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


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# BALLARD ROAD SIGNALIZATION PLAN

SHEET NO. T-3

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| | |
|---|---|
| 650-51-311 | 7 AS |
| 659-101 | 3 EA |
| 659-106 | 21 EA |

| | |
|---|---|
| 650-51-311 | 5 AS |
| 659-101 | 2 EA |
| 659-106 | 15 EA |

| | |
|---|---|
| 650-51-511 | 1 AS |
| 659-106 | 5 EA |
| 659-118 | 1 EA |

| | |
|---|---|
| 653-181 | 8 AS |

SPECIAL SYMBOLOGY

- VIDEO DETECTOR
- DZ5 — VIDEO DETECTION ZONE

| | |
|---|---|
| 632-7-1 | 1 PI |
| 634-4-113 | 1 PI |

REMOVAL ITEMS

| | |
|---|---|
| 690-10 | 6 EA |
| 690-33-1 | 20 LF |
| 690-50-1 | 1 EA |
| 690-60 | 4 EA |
| 690-80 | 1 EA |
| 690-90 | 1 PI |
| 690-100 | 1 PI |
| 700-46-15 | 3 EA |

SIGNAL HEADS 3, 4, 7 AND 8 SHALL HAVE BACKPLATES.

## SIGNAL HEAD DETAILS

## CONTROLLER OPERATIONS:

1. MAJOR STREET IS ORTIZ AVENUE (MOVEMENT 2 AND 6), AND MINOR STREET IS LUCKETT ROAD (MOVEMENT 4 AND 8).
2. SIGNAL OPERATION PLAN NO. 10 (SEE BELOW)
3. INSTALL VIDEO TRAFFIC DETECTION EQUIPMENT FURNISHED IN PERMANENT SIGNAL FOR TEMPORARY DETECTON DURING CONSTRUCTION PERIOD (SEE GENERAL NOTES FOR DETAILS).

**LUCKETT RD** SIGN A

**ORTIZ AVE** SIGN B

| | |
|---|---|
| 699-1-1 | 4 EA |

LEFT TURN YIELD ON GREEN

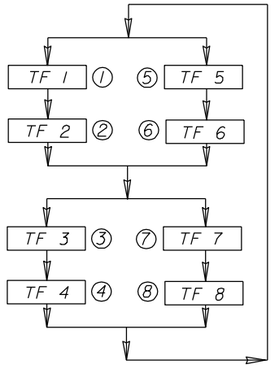
SIGN C
R10-12 (24" X 30")

| | |
|---|---|
| 700-48-18 | 1 EA |

CONTROLLER TIMINGS

| TIMING FUNCTION | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| MOVEMENT NO. | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| TIMING FUNCTION | MINIMUM GREEN | 7 | 20 | 7 | 10 | 7 | 20 | 7 | 10 |
| | EXTENSION | 2.5 | 5 | 2.5 | 2.5 | 2.5 | 5 | 2.5 | 2.5 |
| | MAXIMUM GREEN 1 | 20 | 60 | 15 | 20 | 20 | 60 | 15 | 20 |
| | MAXIMUN GREEN 2 | | | | | | | | |
| | YELLOW CLEARANCE | 3.5 | 4.3 | 3.5 | 4 | 3.5 | 4.3 | 3.5 | 4 |
| | ALL RED | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | PED. WALK | | 7 | | 7 | | 7 | | 7 |
| | PED. CLEARANCE | | 23 | | 28 | | 23 | | 33 |
| | RECALL | | | | | | | | |

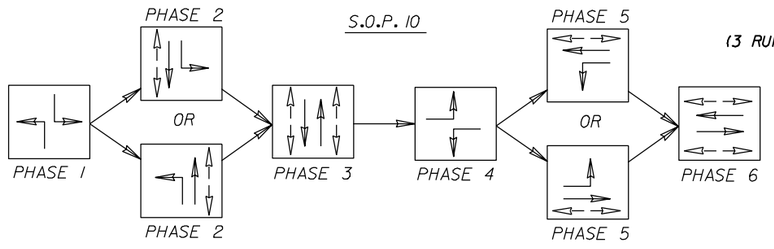
TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER. INSTALL CONCURRENT TIMING OF INITIAL AND EXTENSION INTERVALS.

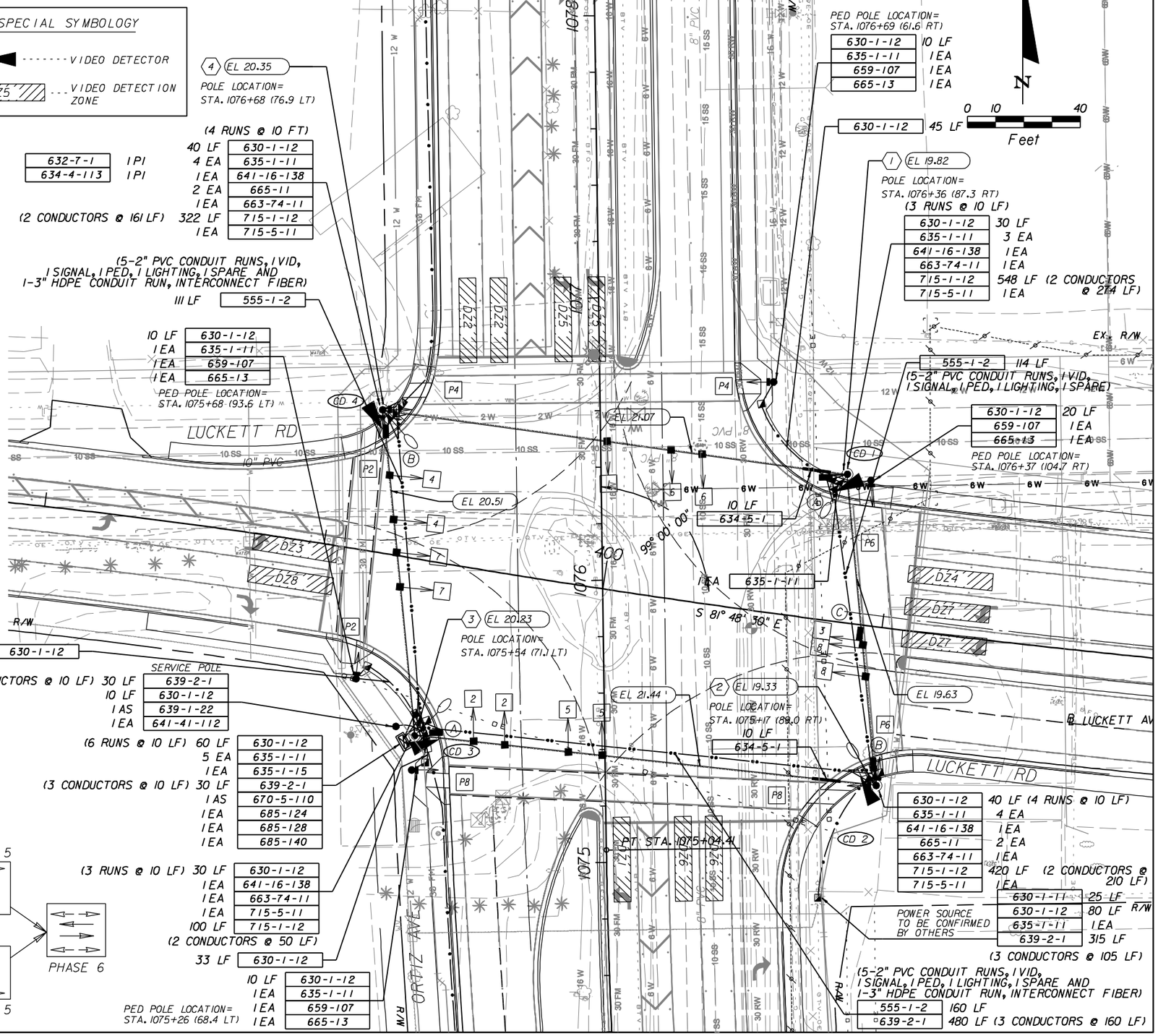



VIDEO VEHICLE DETECTION ASSIGNMENTS

| CAMERA DETECTOR | DETECTION ZONE | CONNECT TO TIMING FUNCTION | DELAY TIME (SECS.) |
|---|---|---|---|
| CD1 | DZ3 | TF 3 | |
| | DZ8 | TF 8 | |
| CD2 | DZ2 | TF 2 | |
| | DZ2 | TF 2 | |
| | DZ5 | TF 5 | |
| | DZ5 | TF 5 | |
| CD3 | DZ4 | TF 4 | |
| | DZ7 | TF 7 | |
| | DZ7 | TF 7 | |
| CD4 | DZ1 | TF 1 | |
| | DZ6 | TF 6 | |
| | DZ6 | TF 6 | |

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


VANUS, INC.
4350 W. CYPRESS ST., SUITE 340
TAMPA, FL 33607
TELEPHONE: (813) 831-8870
CA NO.: 4266
WWW.VANUSINC.COM

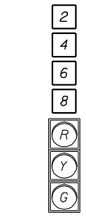

APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottile.htm


# LUCKETT ROAD SIGNALIZATION PLAN

SHEET NO. T-4


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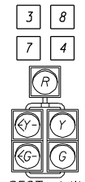

3-SECT., 1-WAY

| | |
|---|---|
| 650-51-311 | 6 AS |
| 659-101 | 2 EA |
| 659-106 | 18 EA |



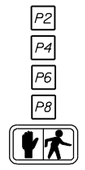

3-SECT., 1-WAY

| | |
|---|---|
| 650-51-311 | 2 AS |
| 659-106 | 6 EA |




5-SECT., 1-WAY

| | |
|---|---|
| 650-51-511 | 2 AS |
| 659-106 | 10 EA |
| 659-118 | 2 EA |




PED. SIGNAL 1-SECT., 1-WAY

| | |
|---|---|
| 653-181 | 8 AS |

SIGNAL HEADS 3, 4, 7 AND 8 SHALL HAVE BACKPLATES.

## SIGNAL HEAD DETAILS

## CONTROLLER OPERATIONS:

1. MAJOR STREET IS ORTIZ AVENUE (MOVEMENT 2 AND 6), AND MINOR STREET IS TICE STREET (MOVEMENT 4 AND 8).
2. SIGNAL OPERATION PLAN NO. 10 (SEE BELOW)
3. INSTALL VIDEO TRAFFIC DETECTION EQUIPMENT FURNISHED IN PERMANENT SIGNAL FOR TEMPORARY DETECTION DURING CONSTRUCTION PERIOD (SEE GENERAL NOTES FOR DETAILS).




SIGN A




SIGN B

| | |
|---|---|
| 699-1-1 | 4 EA |

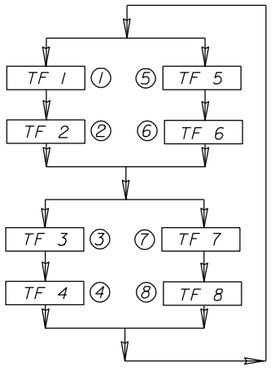



SIGN C R10-12 (24" X 30")

| | |
|---|---|
| 700-48-18 | 2 EA |

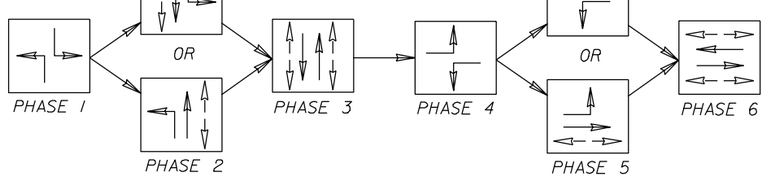
| CONTROLLER TIMINGS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TIMING FUNCTION | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| MOVEMENT NO. | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| TIMING FUNCTION | MINIMUM GREEN | 7 | 20 | 7 | 10 | 7 | 20 | 7 | 10 | | |
| | EXTENSION | 2.5 | 5 | 2.5 | 2.5 | 2.5 | 5 | 2.5 | 2.5 | | |
| | MAXIMUM GREEN 1 | 20 | 60 | 15 | 20 | 20 | 60 | 15 | 20 | | |
| | MAXIMUM GREEN 2 | | | | | | | | | | |
| | YELLOW CLEARANCE | 3.5 | 4.3 | 3.5 | 4 | 3.5 | 4.3 | 3.5 | 4 | | |
| | ALL RED | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | PED. WALK | | 7 | | 7 | | 7 | | 7 | | |
| | PED. CLEARANCE | | 15 | | 27 | | 15 | | 29 | | |
| | RECALL | | | | | | | | | | |

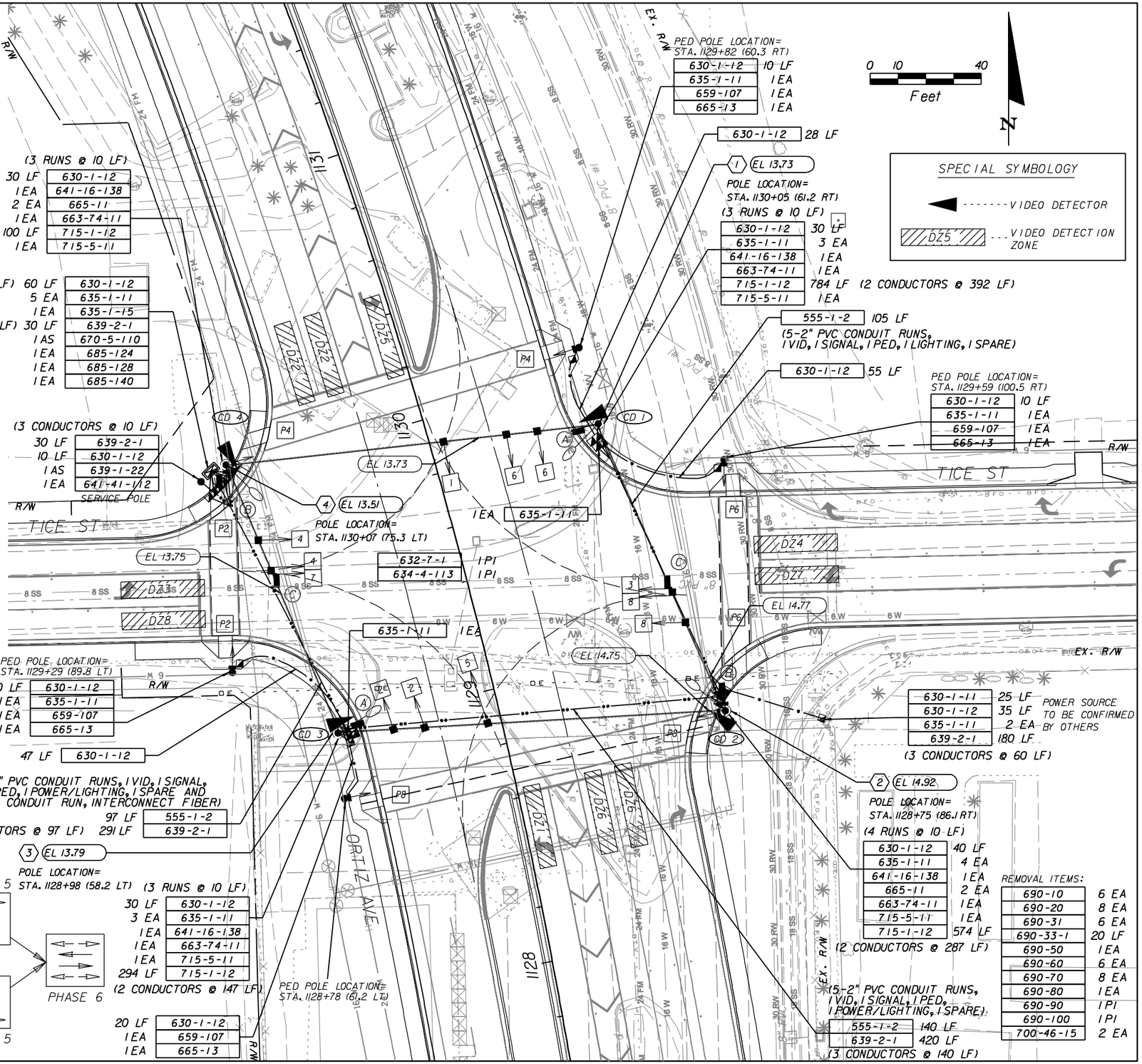
TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER. INSTALL CONCURRENT TIMING OF INITIAL AND EXTENSION INTERVALS.




| VIDEO VEHICLE DETECTION ASSIGNMENTS | | | |
|---|---|---|---|
| CAMERA DETECTOR | DETECTION ZONE | CONNECT TO TIMING FUNCTION | DELAY TIME (SECS.) |
| CD1 | DZ3 | TF 3 | |
| | DZ8 | TF 8 | |
| CD2 | DZ2 | TF 2 | |
| | DZ5 | TF 5 | |
| CD3 | DZ4 | TF 4 | |
| | DZ7 | TF 7 | |
| CD4 | DZ1 | TF 1 | |
| | DZ6 | TF 6 | |
| | DZ6 | TF 6 | |

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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4350 W. CYPRESS ST., SUITE 340
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APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377

PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm

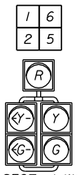
# TICE STREET SIGNALIZATION PLAN

SHEET NO. T-5

pduong 6/25/2008 3:01:51 PM s:\2060901\design plan\signals\PLANSG03.dgn

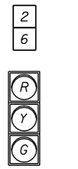
## CONTROLLER OPERATIONS:

1. MAJOR STREET IS PALM BEACH BLVD. (SR 80) (MOVEMENT 2, 1 AND 6), AND MINOR STREETS ARE ORTIZ AVE. & FLORENCE AVE. (MOVEMENT 3, 8, AND 4).
2. SIGNAL OPERATION PLAN SPECIAL (SEE BELOW)
3. INSTALL VIDEO TRAFFIC DETECTION EQUIPMENT FURNISHED IN PERMANENT SIGNAL FOR TEMPORARY DETECTION (SEE GENERAL NOTES FOR DETAILS).
4. PEDESTRIAN MOVEMENTS P4 AND P8 ARE ACTUATED ONLY.



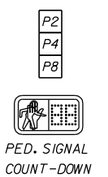

5-SECT., 1-WAY

| | |
|---|---|
| 2 AS | 650-51-513 |
| 2 EA | 659-118 |
| 10 EA | 659-106 |




3-SECT., 1-WAY

| | |
|---|---|
| 4 AS | 650-51-313 |
| 2 EA | 659-101 |
| 12 EA | 659-106 |




PED. SIGNAL COUNT-DOWN 1-SECT., 1-WAY

| | |
|---|---|
| 6 AS | 653-181 |




3-SECT., 1-WAY

| | |
|---|---|
| 2 AS | 650-51-313 |
| 6 EA | 659-106 |



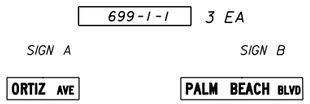

3-SECT., 1-WAY

| | |
|---|---|
| 1 AS | 650-51-313 |
| 3 EA | 659-106 |

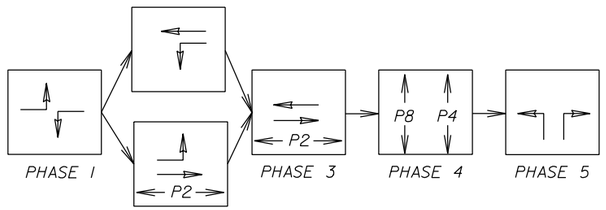
SIGNAL HEADS 1, 2, 5 AND 6 SHALL HAVE BACKPLATES.

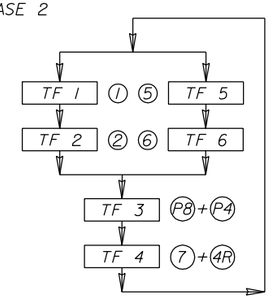
## SIGNAL HEAD DETAILS

699-1-1 3 EA




## MODIFIED S.O.P. 9



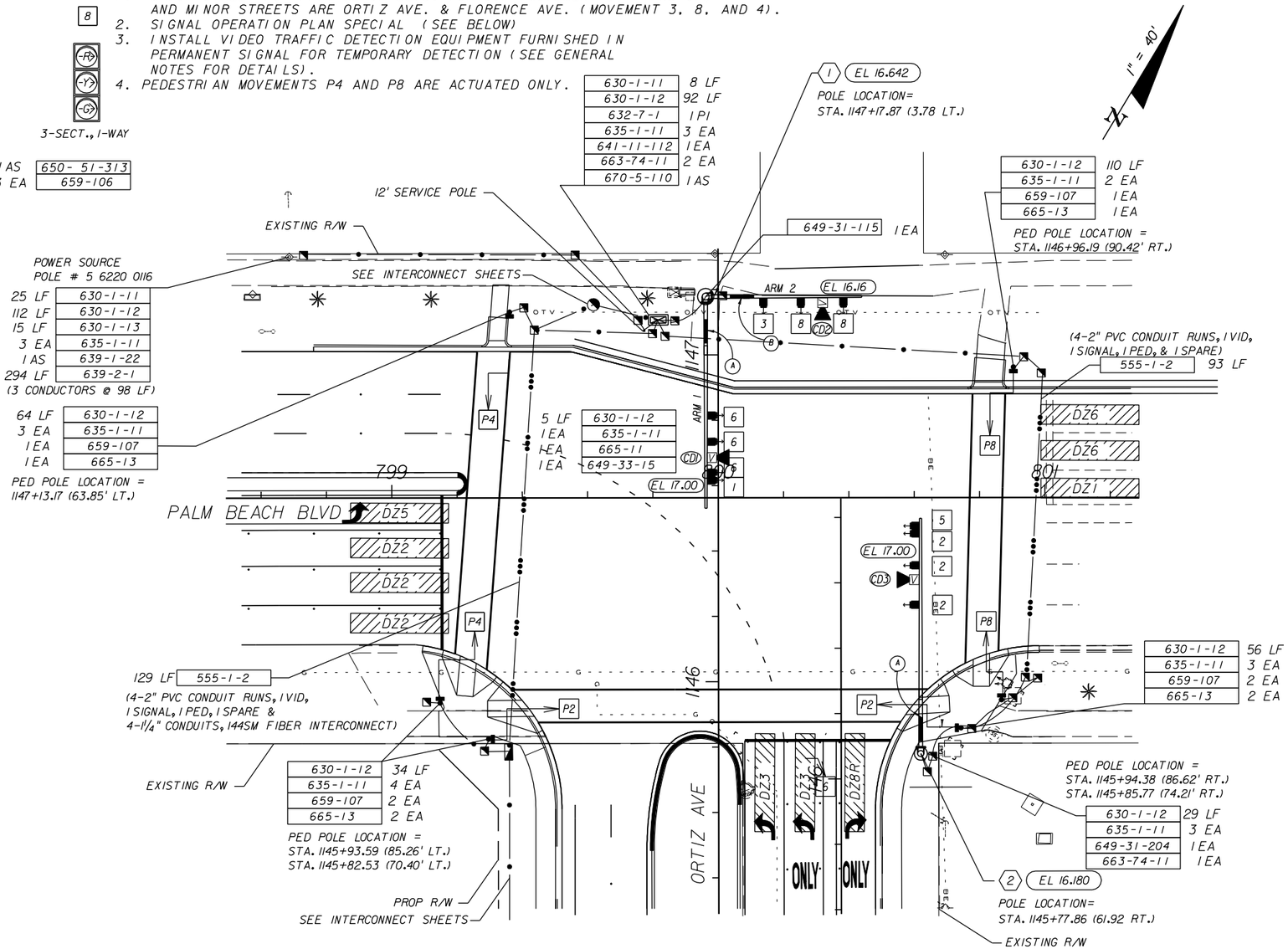




| VIDEO VEHICLE DETECTION ASSIGNMENTS | | | |
|---|---|---|---|
| CAMERA DETECTOR | DETECTION ZONE | CONNECT TO TIMING FUNCTION | DELAY TIME (SECS.) |
| CD1 | DZ 1 | TF | |
| | DZ | TF | |
| | DZ | TF | |
| CD2 | DZ 3 | TF | |
| | DZ 3 | TF | |
| | DZ 8R | TF | |
| CD3 | DZ 2 | TF | |
| | DZ 2 | TF | |
| | DZ 2 | TF | |
| | DZ 5 | TF | |
| | DZ | TF | |
| | DZ | TF | |

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.

| CONTROLLER TIMINGS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TIMING FUNCTION | | 1 | 2 | 3 | 4 | 5 | 6 | | 8 | | |
| MOVEMENT NO. | | 1 | 2 | 3 | 4 | 5 | 6 | | 8 | | |
| TIMING FUNCTION | MINIMUM GREEN | 7 | 20 | 10 | | 7 | 20 | | 10 | | |
| | EXTENSION | 2.5 | 5 | 2.5 | | 2.5 | 5 | | 2.5 | | |
| | MAXIMUM GREEN 1 | 15 | 39 | 39 | | 15 | 39 | | 39 | | |
| | MAXIMUN GREEN 2 | | | | | | | | | | |
| | YELLOW CLEARANCE | 3.5 | 4.3 | 4 | | 3.5 | 4.3 | | 4 | | |
| | ALL RED | 1 | 1 | 1 | | 1 | 1 | | 1 | | |
| | PED. WALK | | 7 | | 7 | | 7 | | 7 | | |
| | PED. CLEARANCE | | 29 | | 29 | | 13 | | 29 | | |
| | RECALL | | | | | | | | | | |

TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER. INSTALL CONCURRENT TIMING OF INITIAL AND EXTENSION INTERVALS.




### REMOVE

| | |
|---|---|
| 690-10 | 8 EA |
| 690-20 | 8 EA |
| 690-31 | 2 EA |
| 690-33-1 | 30 LF 15 FT REMOVAL PER POLE |
| 690-50-1 | 1 EA |
| 690-70 | 8 EA |
| 690-80 | 1 EA |
| 690-90 | 1 PI |
| 690-100 | 1 PI |

### SPECIAL SYMBOLOGY

V ---------- VIDEO DETECTOR

DZ5 --- VIDEO DETECTION ZONE

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


AIM Engineering & Surveying, Inc.
5802 BRECKENRIDGE PARKWAY STE. 100
TAMPA, FLORIDA 33610
TELEPHONE (888) 627-4144
FAX (813) 664-1899
CERTIFICATE OF AUTHORIZATION NO. 3114


APPROVED BY:
AMANDA J. CORREIA, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 61644


PUBLIC WORKS
LEE COUNTY
SOUTHWEST FLORIDA
DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm

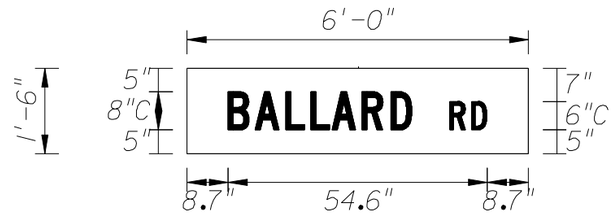

# SIGNALIZATION PLAN
# ORTIZ AVENUE (CR 865)

SHEET NO. T-6

| SIGN PANEL | T-3 A |
|---|---|
| QUANITY | 2 |
| WIDTH | 6'-0" |
| HEIGHT | 1'-6" |
| BORDER WIDTH | 0" |
| BORDER RADII | 0" |
| BACKGROUND COLOR | Green |
| LEGEND & BORDER COLOR | White |
| STATIONS(S) | none |

| SYMBOL(S) | X | Y | WID | HT |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |

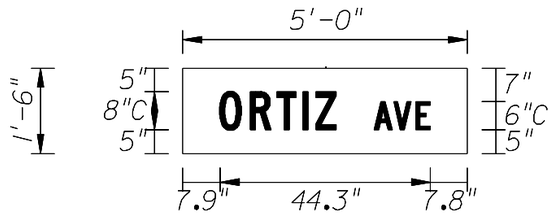



| COPY | | B | A | L | L | A | R | D | | L | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 8.7 | 5.7 | 6.4 | 5.3 | 4.5 | 6.3 | 6.1 | 4.5 | 24.5 | 38.8 | | | | | | | | | | | | | |
| COPY | | R | D | | L | | | | | | | | | | | | | | | | | | |
| SPACE | 55.4 | 4.6 | 3.4 | 8.6 | 8 | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN PANEL | T-3 B |
|---|---|
| QUANITY | 2 |
| WIDTH | 5'-0" |
| HEIGHT | 1'-6" |
| BORDER WIDTH | 0" |
| BORDER RADII | 0" |
| BACKGROUND COLOR | Green |
| LEGEND & BORDER COLOR | White |
| STATIONS(S) | none |

| SYMBOL(S) | X | Y | WID | HT |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |

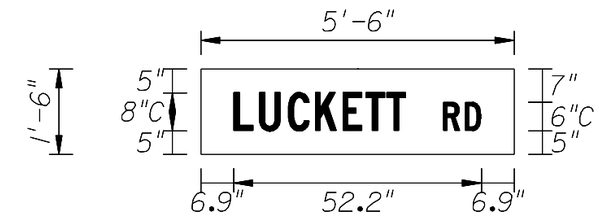



| COPY | | O | R | T | I | Z | | L | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 7.9 | 6.3 | 5.7 | 5.4 | 2.8 | 4.3 | 27.6 | 24.5 | | | | | | | | | | | | | | | |
| COPY | | A | V | E | | L | | | | | | | | | | | | | | | | | |
| SPACE | 40.4 | 4.1 | 4.6 | 3.1 | 7.8 | 11.8 | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN PANEL | T-4 A |
|---|---|
| QUANITY | 2 |
| WIDTH | 5'-6" |
| HEIGHT | 1'-6" |
| BORDER WIDTH | 0" |
| BORDER RADII | 0" |
| BACKGROUND COLOR | Green |
| LEGEND & BORDER COLOR | White |
| STATIONS(S) | none |

| SYMBOL(S) | X | Y | WID | HT |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |

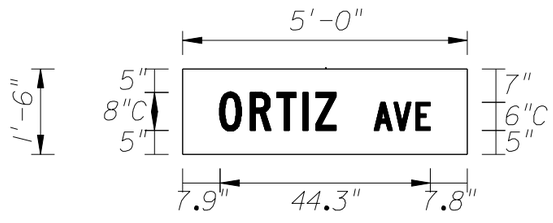



| COPY | | L | U | C | K | E | T | T | | L | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 6.9 | 5.4 | 6.1 | 5.7 | 5.8 | 4.8 | 4.4 | 4 | 22.9 | 36.2 | | | | | | | | | | | | | |
| COPY | | R | D | | L | | | | | | | | | | | | | | | | | | |
| SPACE | 51.1 | 4.6 | 3.3 | 7 | 7.9 | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| SIGN PANEL | T-4 B |
|---|---|
| QUANITY | 2 |
| WIDTH | 5'-0" |
| HEIGHT | 1'-6" |
| BORDER WIDTH | 0" |
| BORDER RADII | 0" |
| BACKGROUND COLOR | Green |
| LEGEND & BORDER COLOR | White |
| STATIONS(S) | none |

| SYMBOL(S) | X | Y | WID | HT |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |




| COPY | | O | R | T | I | Z | | L | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 7.9 | 6.3 | 5.7 | 5.4 | 2.8 | 4.3 | 27.6 | 24.5 | | | | | | | | | | | | | | | |
| COPY | | A | V | E | | L | | | | | | | | | | | | | | | | | |
| SPACE | 40.4 | 4.1 | 4.6 | 3.1 | 7.8 | 11.8 | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
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| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

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VANUS, INC.
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APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377

PUBLIC WORKS
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DEPARTMENT of TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottle.htm

pduong

# GUIDE SIGN WORK SHEET

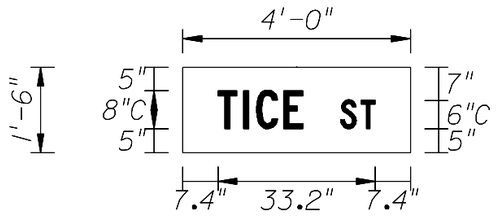
SHEET NO.
T-7

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| | |
|---|---|
| SIGN PANEL | T-5 A |
| QUANITY | 2 |
| WIDTH | 4'-0" |
| HEIGHT | 1'-6" |
| BORDER WIDTH | 0" |
| BORDER RADII | 0" |
| BACKGROUND COLOR | Green |
| LEGEND & BORDER COLOR | White |
| STATIONS(S) | none |

| SYMBOL(S) | X | Y | WID | HT |
|---|---|---|---|---|
| | | | | |
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| | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
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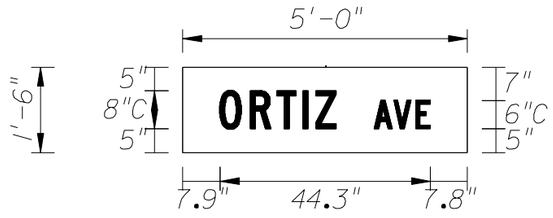



| COPY | | T | I | C | E | | L | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 7.4 | 5.4 | 2.8 | 5.7 | 4 | 22.7 | 17.9 | | | | | | | | | | | | | | | | |
| COPY | | S | T | | L | | | | | | | | | | | | | | | | | | |
| SPACE | 33.3 | 4.3 | 3 | 7.4 | 7.3 | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---|---|
| SIGN PANEL | T-5 B |
| QUANITY | 2 |
| WIDTH | 5'-0" |
| HEIGHT | 1'-6" |
| BORDER WIDTH | 0" |
| BORDER RADII | 0" |
| BACKGROUND COLOR | Green |
| LEGEND & BORDER COLOR | White |
| STATIONS(S) | none |

| SYMBOL(S) | X | Y | WID | HT |
|---|---|---|---|---|
| | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
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| | | | | |




| COPY | | O | R | T | I | Z | | L | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 7.9 | 6.3 | 5.7 | 5.4 | 2.8 | 4.3 | 27.6 | 24.5 | | | | | | | | | | | | | | | |
| COPY | | A | V | E | | L | | | | | | | | | | | | | | | | | |
| SPACE | 40.4 | 4.1 | 4.6 | 3.1 | 7.8 | 11.8 | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | | |
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# GUIDE SIGN WORK SHEET

SHEET NO.
T-8

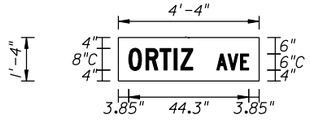
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6/25/2008 3:02:56 PM s:\2060901\design plan\signals\GSWKSP00.dgn

| SIGN NAME | A | STATION(S) |
|---|---|---|
| QUANTITY | * | 1 |
| WIDTH | 4'-4" | 2 |
| HEIGHT | 1'-4" | 3 |
| BORDER WIDTH | 0" | 4 |
| BORDER RADII | 0" | 5 |
| PANEL COLOR | Green | |
| LEGEND | White | |
| BORDER | Green | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |

1'-6" X 4'-6" INTERNALLY ILLUMINATED SIGN ASSEMBLY




* TWO (2) SIGN PANELS ARE REQUIRED FOR SIGN ASSEMBLY. SIGN ASSEMBLY SHALL BE A DOUBLE-PANEL, TWO-WAY, INTERNALLY ILLUMINATED STREET SIGN ASSEMBLY.

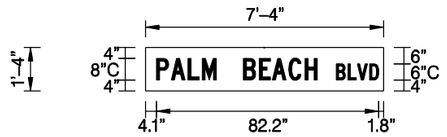
| COPY | | O | R | T | I | Z | | L | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 3.9 | 6.3 | 5.2 | 5.2 | 2.5 | 4.5 | 24.5 | 23.7 | | | | | | | | | | | | | | |
| COPY | | A | V | E | | L | | | | | | | | | | | | | | | | |
| SPACE | 36.3 | 4.2 | 4.6 | 3.1 | 3.8 | 11.8 | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | B | STATION(S) |
|---|---|---|
| QUANTITY | 1 | 1 |
| WIDTH | 7'-4" | 2 |
| HEIGHT | 1'-4" | 3 |
| BORDER WIDTH | 0" | 4 |
| BORDER RADII | 0" | 5 |
| PANEL COLOR | Green | |
| LEGEND | White | |
| BORDER | Green | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |

1'-6" X 7'-6" INTERNALLY ILLUMINATED SIGN ASSEMBLY




| COPY | | P | A | L | M | | B | E | A | C | H | | L | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | 4.1 | 5.4 | 6.2 | 5.2 | 5.3 | 10 | 5.8 | 4.8 | 6.1 | 6.1 | 4.5 | 24.5 | 59.4 | | | | | | | | | |
| COPY | | B | L | V | D | | L | | | | | | | | | | | | | | | |
| SPACE | 70.5 | 4.4 | 3.4 | 4.6 | 3.4 | 1.8 | 15.7 | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | | STATION(S) |
|---|---|---|
| QUANTITY | | 1 |
| WIDTH | | 2 |
| HEIGHT | | 3 |
| BORDER WIDTH | | 4 |
| BORDER RADII | | 5 |
| PANEL COLOR | | |
| LEGEND | | |
| BORDER | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
| | | | | |

| COPY | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |

| SIGN NAME | | STATION(S) |
|---|---|---|
| QUANTITY | | 1 |
| WIDTH | | 2 |
| HEIGHT | | 3 |
| BORDER WIDTH | | 4 |
| BORDER RADII | | 5 |
| PANEL COLOR | | |
| LEGEND | | |
| BORDER | | |

| SYMBOL(S) | ANGLE | X | Y | WID | HT |
|---|---|---|---|---|---|
| | | | | | |
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| SIGN NUMBER | CLEARANCE EDGE OF LANE | COLUMN SIZE | | AVERAGE LENGTH |
|---|---|---|---|---|
| | | | | |
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| COPY | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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AIM Engineering & Surveying, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 3114


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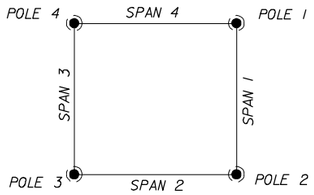

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(239) 479-8900 www.lee-county.com/publicworks/dotitle.htm


# GUIDE SIGN WORK SHEET

SHEET NO.
T-9

pserpas

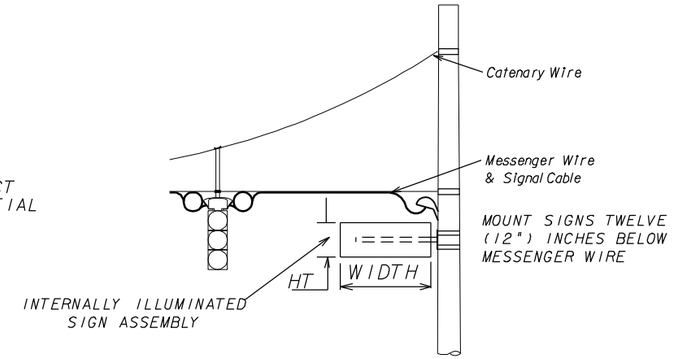
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BOX SPAN

CRITICAL ELEVATION DIFFERENTIAL IS THE DIFFERENCE IN ELEVATION FROM THE POLE LOCATION TO THE HIGHEST POINT OF THE ROADWAY THAT SPAN(S) CROSSES. A POSITIVE ELEVATION DIFFERENTIAL INDICATES THE POLE LOCATION IS LOWER THAN THE ROADWAY.

SIGNAL HEAD AND SIGN LOCATIONS SHOWN ON THIS SHEET REFLECT FUTURE REQUIREMENTS. SEE APPROPRIATE PLAN SHEET FOR INITIAL SIGNAL HEAD AND SIGN CONFIGURATION AND LOCATION.




| LOC. NO. | SHEET NO. | POLE | STRUC. ID NO. | CRIT. ELEV. DIF. | CONCRETE OR STEEL | COLOR IF STEEL | SPAN | SPAN LENGTH | BACK-PLATES (Y/N) | SIGNAL DATA DISTANCE FROM POLE/NUMBER OF SECTIONS | | | | | | | | | | SIGN DATA DISTANCE FROM POLE(*)/HEIGHT & WIDTH (* Enter Pole No. as indicated above if attached to pole) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | DIST. | SEC. | DIST. | SEC. | DIST. | SEC. | DIST. | SEC. | DIST. | SEC. | POLE | HT. | WIDTH | DIST. | HT. | WIDTH | DIST. | HT. | WIDTH | DIST. | HT. | WIDTH | DIST. | HT. | WIDTH |
| 1 | T-3 | 2 | | | C | | 1 | 76.4 | Y | 35.2 | 3 | 47.4 | 3 | | | | | | | 2 | 1.5 | 5.0 | | | | | | | | | | | |
| 2 | T-3 | 3 | | | C | | 2 | 130.9 | N | 12.3 | 3 | 27.8 | 3 | 38.9 | 3 | 49.8 | 3 | 61.3 | 3 | 3 | 1.5 | 6.0 | | | | | | | | | | | |
| 3 | T-3 | 4 | | | C | | 3 | 84.9 | Y | 33.9 | 3 | 45.3 | 3 | | | | | | | 4 | 1.5 | 5.0 | | | | | | | | | | | |
| 4 | T-3 | 1 | | | C | | 4 | 161.8 | N | 47.1 | 3 | 58.1 | 3 | 69.1 | 3 | 80.6 | 3 | | | 1 | 1.5 | 6.0 | | | | | | | | | | | |
| 1 | T-4 | 2 | | | C | | 1 | 108.4 | Y | 28.5 | 3 | 39.9 | 3 | 51.7 | 3 | | | | | 2 | 1.5 | 5.0 | | | | | | | | | | | |
| 2 | T-4 | 3 | | | C | | 2 | 162.3 | N | 19.4 | 3 | 30.5 | 3 | 41.6 | 3 | 53.2 | 3 | 65.2 | 3 | 3 | 1.5 | 5.5 | | | | | | | | | | | |
| 3 | T-4 | 4 | | | C | | 3 | 113.6 | Y | 22.5 | 3 | 38.3 | 3 | 50.0 | 3 | 62.3 | 3 | | | 4 | 1.5 | 5.0 | | | | | | | | | | | |
| 4 | T-4 | 1 | | | C | | 4 | 164.0 | N | 32.2 | 3 | 47.9 | 3 | 59.0 | 3 | 70.1 | 3 | 81.8 | 3 | 1 | 1.5 | 5.5 | | | | | | | | | | | |
| 1 | T-5 | 2 | | | C | | 1 | 110.3 | Y | 39.4 | 3 | 51.6 | 3 | | | | | | | 2 | 1.5 | 5.0 | | | | | | | | | | | |
| 2 | T-5 | 3 | | | C | | 2 | 137.0 | N | 21.9 | 3 | 33.3 | 3 | 44.6 | 3 | 56.4 | 3 | | | 3 | 1.5 | 4.0 | | | | | | | | | | | |
| 3 | T-5 | 4 | | | C | | 3 | 102.0 | Y | 22.9 | 3 | 35.2 | 3 | 47.3 | 3 | | | | | 4 | 1.5 | 5.0 | | | | | | | | | | | |
| 4 | T-5 | 1 | | | C | | 4 | 132.2 | N | 2.7 | 3 | 18.3 | 3 | 29.4 | 3 | 40.5 | 3 | 52.0 | 3 | 1 | 1.5 | 4.0 | | | | | | | | | | | |

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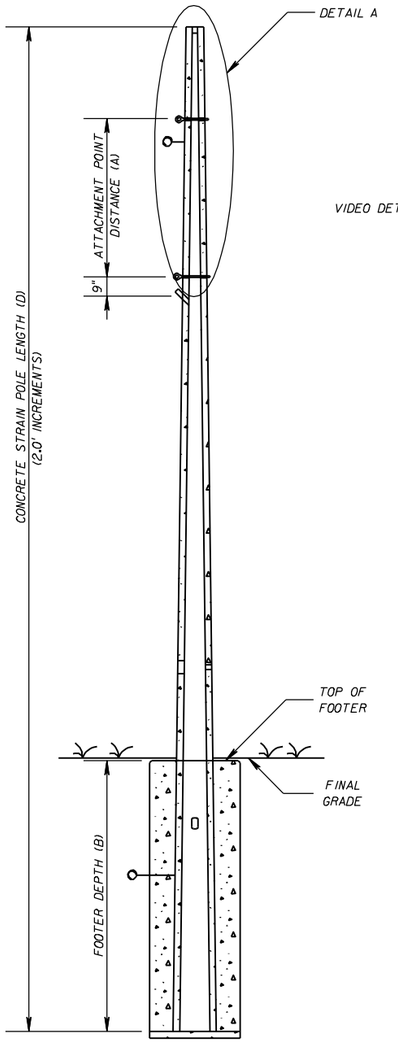
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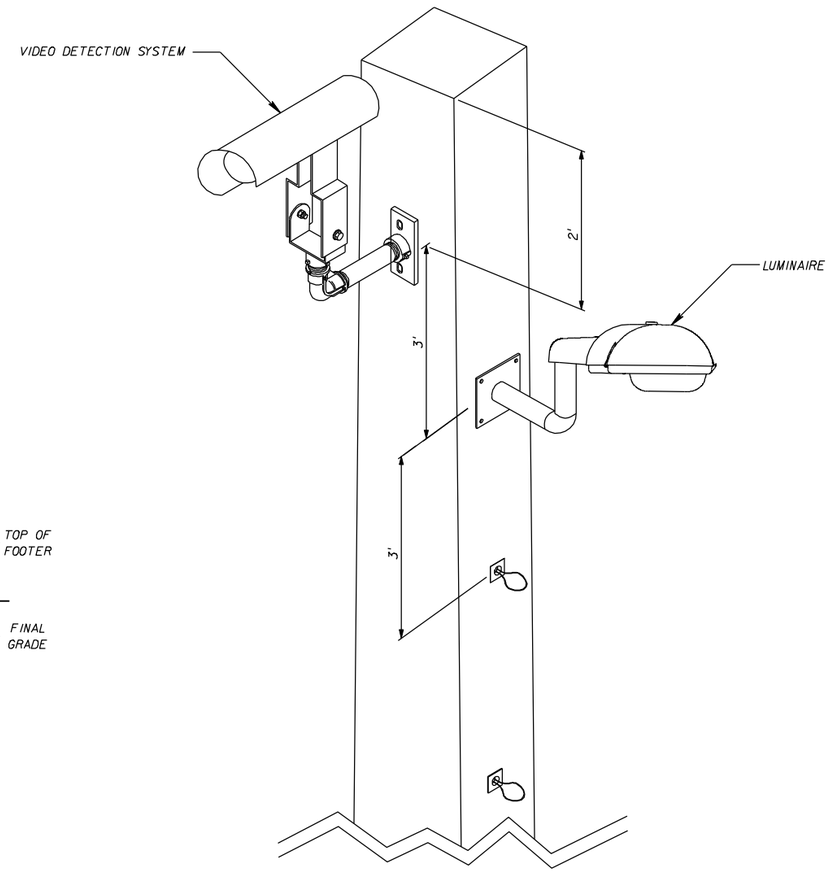
# STRAIN POLE TABULATION

SHEET NO.
T-10




CONCRETE STRAIN POLE SECTION

TYPES N-III through N-VIII
REFER TO INDEX 17725
FOR OTHER SPECIFICATIONS




DEVICE MOUNTING DETAILS
DETAIL A

# STRAIN POLE SCHEDULE

| ID NO. | SHEET NO. | POLE LOCATION | | TOP OF FOOTER ELEVATION | CROWN ELEVATION | POLE TYPE | POLE LENGTH (D) | FOOTER DEPTH (B) | ATTACHMENT POINT DIST. (A) | PAY ITEM NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|
| | | STATION | OFFSET | | | | | | | |
| 1 | T-3 | 1063+96 | 85.5 RT | 20.14 | 21.62 | | | | | |
| 2 | T-3 | 1063+18 | 64.3 RT | 20.35 | 22.25 | | | | | |
| 3 | T-3 | 1063+14 | 68.9 LT | 20.81 | 22.26 | | | | | |
| 4 | T-3 | 1063+99 | 78.7 LT | 20.35 | 22.26 | | | | | |
| 1 | T-4 | 1076+36 | 87.3 RT | 19.82 | 21.07 | | | | | |
| 2 | T-4 | 1075+26 | 96.0 RT | 19.42 | 21.44 | | | | | |
| 3 | T-4 | 1075+46 | 67.5 LT | 20.18 | 21.44 | | | | | |
| 4 | T-4 | 1076+61 | 77.1 LT | 20.40 | 21.07 | | | | | |
| 1 | T-5 | 1129+82 | 60.3 RT | 13.73 | 14.77 | | | | | |
| 2 | T-5 | 1128+75 | 79.2 RT | 14.88 | 14.77 | | | | | |
| 3 | T-5 | 1128+97 | 58.2 LT | 13.79 | 14.75 | | | | | |
| 4 | T-5 | 1130+04 | 72.4 LT | 13.69 | 13.75 | | | | | |
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VANUS, INC.
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PUBLIC WORKS
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FLORIDA
DEPARTMENT
of
TRANSPORTATION
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(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm

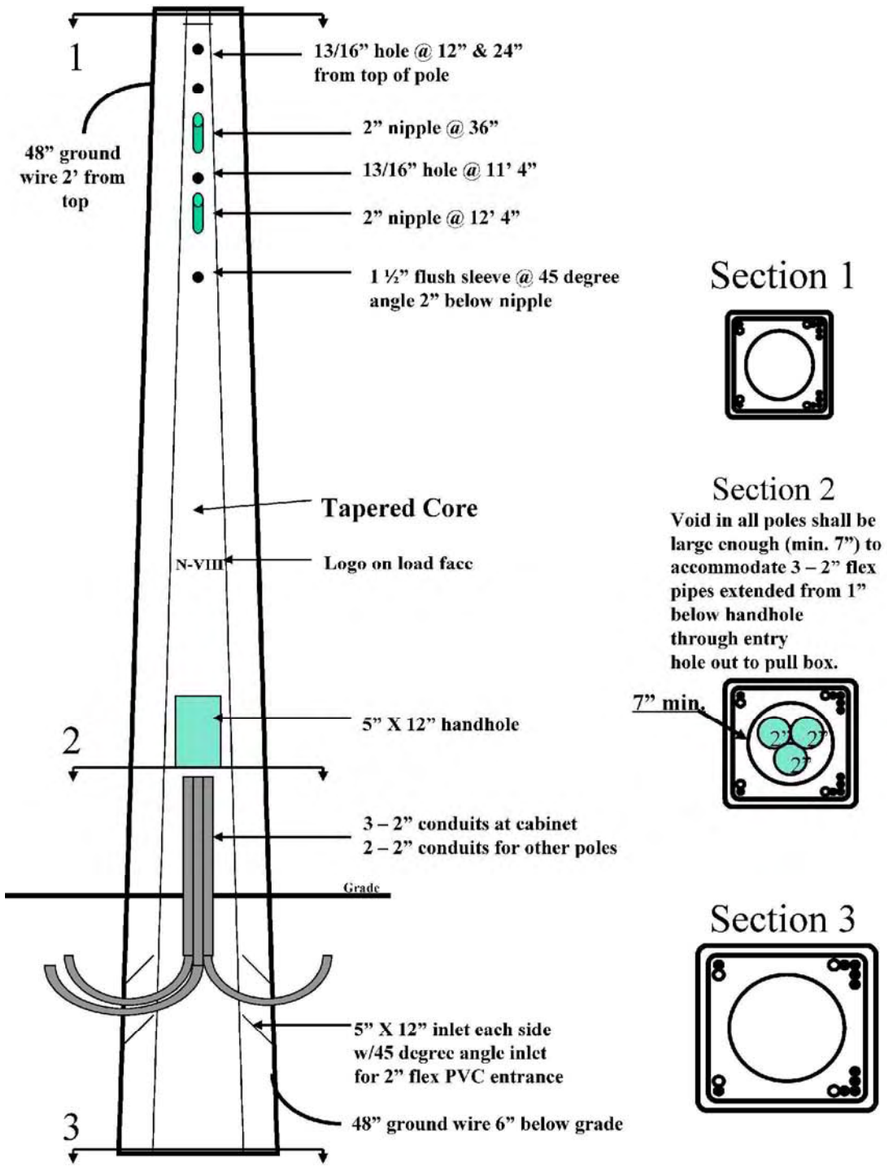
STRAIN POLE SCHEDULE

SHEET NO.
T-11

pduong
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| PHASE ___ SUBMITTAL REVIEW | | |
|---|---|---|
| ORIGINATOR (Ready for Checking) | SIGNATURE | DATE 23-June-08 |
| CHECKED Correct (Yellow) Change (Red) | | |
| CONCURRENCE, ORIGINATOR (Red Check) | | |
| CHANGE INCORPORATION (Yellow Highlighter) | | |
| VERIFICATION, CHECKER (Green Check or Circle & Remark Incorrect) | | |
| REMARK INCORPORATION (Yellow Highlighter) | | |
| REMARK VERIFICATION, CHECKER (Orange Check) | | |

QUALITY - SUCCESS




Section 1



Section 2

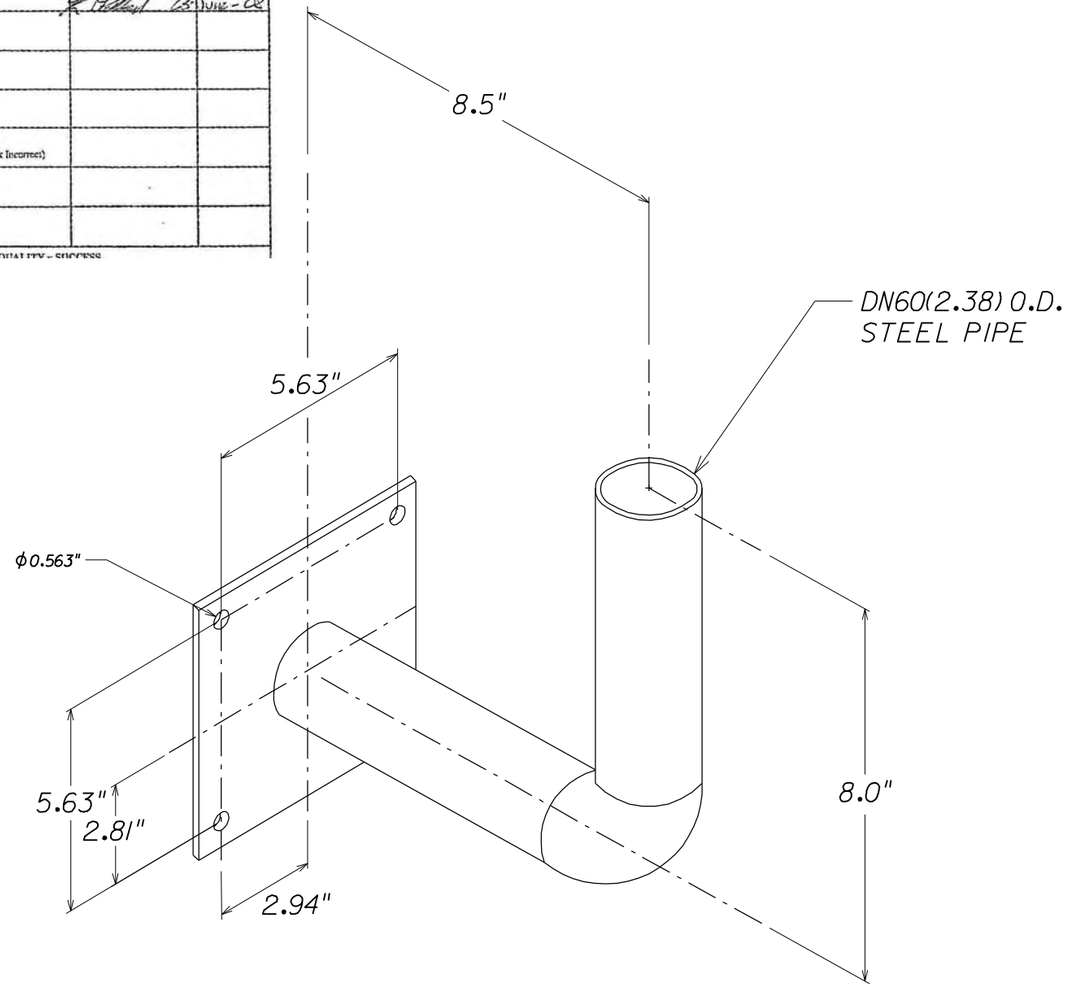
Void in all poles shall be large enough (min. 7") to accommodate 3 – 2" flex pipes extended from 1" below handhole through entry hole out to pull box.




Section 3



TYPICAL PRESTRESSED CONCRETE TRAFFIC SIGNAL POLE




LUMINAIRE MOUNTING BRACKET

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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pduong

# TYPICAL DETAILS

SHEET NO. T-12

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## STRAIN POLE DATA TABLE

| ID NO. | SHEET NO. | POLE LOCATION | | TOP OF FOOTER ELEVATION | CROWN ELEVATION | POLE TYPE | POLE LENGTH (D) | FOOTER DEPTH (B) | ATTACHMENT POINT DIST. (A) | PAY ITEM NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|
| | | STATION | OFFSET | | | | | | | |
| 1 | T-4 | 1063+96 | 85.5 RT | 20.14 | 21.62 | N-VIII | 68 | 26.44 | 9.2 | 641-19 |
| 2 | T-4 | 1063+18 | 64.3 RT | 20.35 | 22.25 | N-VIII | 68 | 26.65 | 9.2 | 641-19 |
| 3 | T-4 | 1063+14 | 68.9 LT | 20.81 | 22.26 | N-VIII | 68 | 27.11 | 9.2 | 641-19 |
| 4 | T-4 | 1063+99 | 78.7 LT | 20.35 | 22.26 | N-VIII | 68 | 26.65 | 9.2 | 641-19 |
| 1 | T-5 | 1076+36 | 87.3 RT | 19.82 | 21.07 | N-VIII | 68 | 27.16 | 9.33 | 641-19 |
| 2 | T-5 | 1075+26 | 96.0 RT | 19.42 | 21.44 | N-VIII | 68 | 26.67 | 9.33 | 641-19 |
| 3 | T-5 | 1075+46 | 67.5 LT | 20.18 | 21.44 | N-VIII | 68 | 27.57 | 9.33 | 641-19 |
| 4 | T-5 | 1076+61 | 77.1 LT | 20.40 | 21.07 | N-VIII | 68 | 27.69 | 9.33 | 641-19 |
| 1 | T-6 | 1129+82 | 60.3 RT | 13.73 | 14.77 | N-VIII | 64 | 25.17 | 7.96 | 641-19 |
| 2 | T-6 | 1128+75 | 79.2 RT | 14.88 | 14.77 | N-VIII | 64 | 26.36 | 7.96 | 641-19 |
| 3 | T-6 | 1128+97 | 58.2 LT | 13.79 | 14.75 | N-VIII | 64 | 25.23 | 7.96 | 641-19 |
| 4 | T-6 | 1130+04 | 72.4 LT | 13.69 | 13.75 | N-VIII | 64 | 24.95 | 7.96 | 641-19 |

NOTES:

1. FOR STRAIN POLE ELEVATION AND MOUNTING DETAILS SEE SHEET T-11, STRAIN POLE SCHEDULE.
2. WORK THIS SHEET WITH STANDARD INDEX NUMBER 17725.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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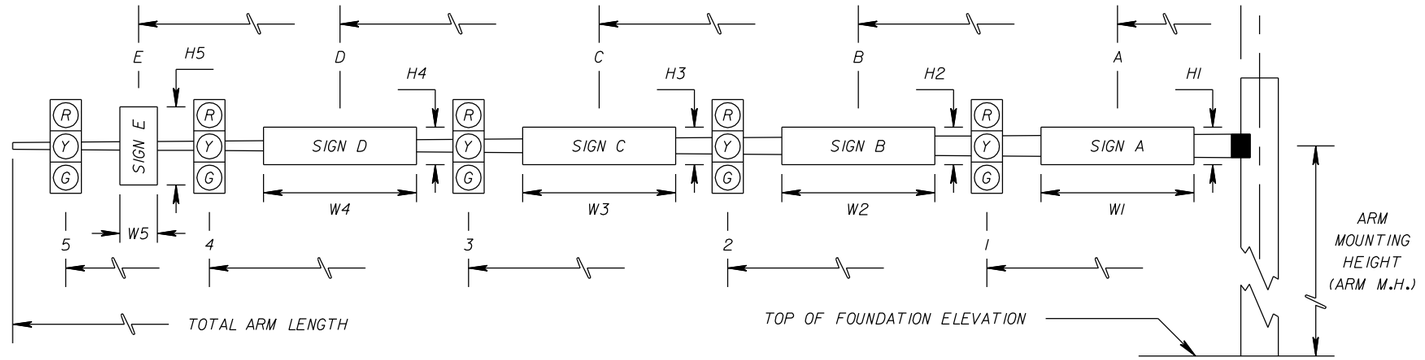
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PUBLIC WORKS
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# TYPICAL DETAILS

SHEET NO.
T-13

| SPECIAL INSTRUCTIONS | | | | | |
|---|---|---|---|---|---|
| ID NO. | PED. BUTTON | | PED. SIGNALS | | HANDHOLE LOCATION |
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* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY

| | | | | | | SIGNAL DATA | | | | | | | | | | | | | | | | | | | SIGN DATA | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | DISTANCE FROM POLE | | | | | | | | | | | | | | | | DISTANCE FROM POLE / HEIGHT AND WIDTH OF SIGN | | | | | | | | | | | | | | | | |
| ID NO. | | LOCATION BY STA. | TOP OF FOUNDATION ELEVATION | RDWY ARM NO. | CROWN ELEV. | SIGNAL V/H | BACK PLATES Y/N | PED. SIGNAL Y/N | 1 | * | 2 | * | 3 | * | 4 | * | 5 | * | TOTAL ARM LENGTH | ARM M.H. | ∠ BETWEEN DUAL ARMS 90/270 | A | H1 | W1 | B | H2 | W2 | C | H3 | W3 | D | H4 | W4 | E | H5 | W5 | PAINT COLOR |
| 1 | T-8 | 1147+17.87, 3.78 LT | 16.642 | 1 | 17.000 | V | Y | N | 35.0 | 3 | 43.0 | 3 | 53.6 | 5 | | | | | 56 | | 90 | 5.0 | 1' 6" | 4' 6" | | | | | | | | | | | | | | | | 10RN |
| | | | | 2 | 16.160 | V | N | N | 16.0 | 3 | 28.0 | 3 | 40.0 | 3 | | | | | 42 | | | 6.0 | 1' 6" | 7' 6" | | | | | | | | | | | | | | | | 10RN |
| 2 | T-8 | 1145+77.86, 61.92 RT | 16.180 | 1 | 17.000 | V | Y | N | 43.5 | 3 | 55.5 | 3 | 66.5 | 5 | | | | | 68 | | | 5.0 | 1' 6" | 4' 6" | | | | | | | | | | | | | | | | 10RN |
| | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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AIM Engineering & Surveying, Inc.
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# MAST ARM TABULATION SHEET

SHEET NO.
T-14

pserpas

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## STANDARD MAST ARM ASSEMBLIES DATA TABLE

| STRUCTURE ID NUMBERS | ASSEMBLY NUMBERS (1) | FIRST ARM | | | SECOND ARM | | | UF (deg) | LL (deg) | POLE | | | | SPECIAL DRILLED SHAFT (4) | | | | GROUT PAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ARM TYPE | FAA (2) (ft.) | FBA (2) (in.) | ARM TYPE | FAA (2) (ft.) | FBA (2) (in.) | | | POLE TYPE | UAA (3) (ft.) | UB (ft.) | UCA (3) (in.) | DA (ft.) | DB (ft.) | RA | RB | Y/N |
| 1 | D5-D4-S4 | D5 | 32.00 | 8.520 | D4 | 32.30 | 9.48 | 90 | | S4 | 23.0 | 21.0 | 22.78 | | | | | Y |
| 2 | E6-T4 | E6 | 36.90 | 6.870 | | | | | | T4 | 23.0 | 21.0 | 18.78 | | | | | Y |
| | | | | | | | | | | | | | | | | | | |
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TABLE NOTES:

1. Assembly Number Legend

   Single Arm:
   Arm Type - Pole Type = D# - S#
   = E# - T#
   = F# - W#

   Double Arm:
   First Arm Type - Second Arm Type - Pole Type = D# - D# - S#
   = E# - E# - T#
   = F# - F# - W#

2. If an entry appears in columns "FAA" and "FBA", a shorter arm is required. This is obtained by removing length from the arm tip. For these cases the mast arm length shall be shortened from "FA" to "FAA" and the tip diameter shall be increased from "FB" to "FBA".

3. If an entry appears in columns "UAA" and "UCA", a shorter pole is required. This is obtained by removing length from the pole tip. For these cases the pole height shall be shortened from "UA" to "UAA" and the pole tip diameter shall be increased from "UC" to "UCA".

4. The foundations for Standard Mast Arm Assemblies are pre-designed and are based upon the following conservative soil criteria which covers the great majority of soil types found in Florida. Only complete the "Special Drilled Shaft" data information if site conditions dictate drilled shafts with additional foundation capacity.

   Classification = Cohesionless (Fine Sand)
   Friction Angle = 30 Degrees (30°)
   Unit Weight = 50 lbs. / cu. ft. (assumed saturated)

GENERAL NOTES:

1. Work this sheet with the Signal Designer's "Mast Arm Tabulation". See "Mast Arm Tabulation" for special instructions that include non-standard Handhole location, paint color, terminal compartment requirement, and pedestrian features.

2. Work with Index Nos. 17743 and 17745.

3. When placing Standard Mast Arm Assemblies on existing foundations, remove existing grout pad and cut existing anchor bolts flush with top of foundation. Replace damaged or removed portions of the foundation, using epoxy bonding compound according to Section 400 of the Specifications. Replace grout pad according to Section 934 of the Specifications.

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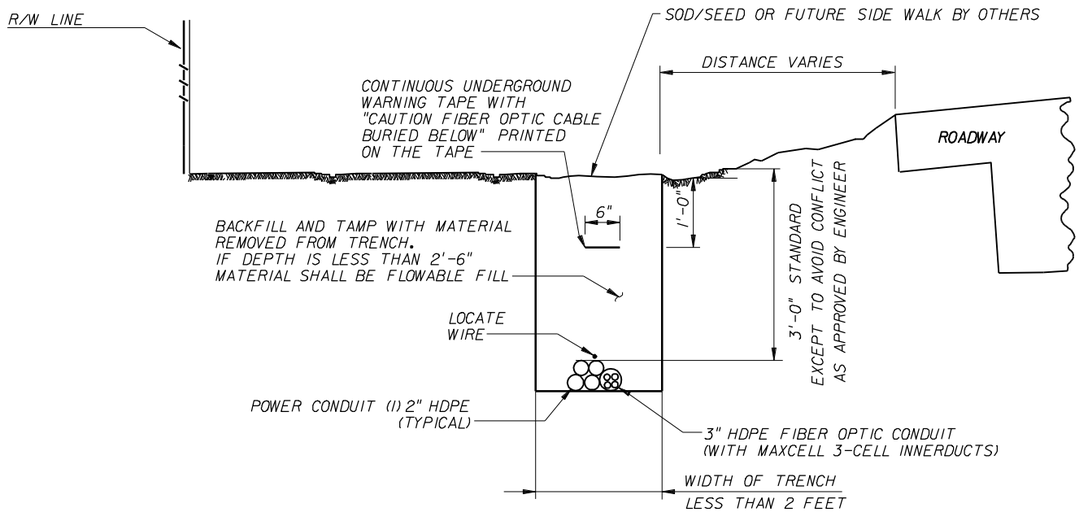
Kisinger Campo & Associates Corp.
201 N. Franklin St., Suite 400
Tampa, Florida 33602
TELEPHONE (813) 871-5331
FAX (813) 871-5135
Florida Certificate of Authorization No. 02317

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STANDARD MAST ARM ASSEMBLIES DATA TABLE

SHEET
T-15




## CONDUIT INSTALLATION DETAILS

NOTES:

1. ALL ROCKS AND TRASH SHALL BE REMOVED FROM THE TRENCH.
2. AREA SHALL BE RETURNED TO EXISTING GRADE.
3. ALL CONDUIT IS TO BE TERMINATED AT ALL PULL BOX AND SPLICE VAULT LOCATIONS. BOTH ENDS OF ALL CONDUITS SHALL BE SEALED WITH DUX SEAL.
4. CONDUIT PLACEMENT DEPICTED BY THESE DETAILS IS REPRESENTATIVE ONLY. FINAL PLACEMENT SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
5. CONTRACTOR SHALL COMPLY WITH OSHA TRENCH SAFETY EXCAVATION SAFETY STANDARDS FOR INSTALLING ALL CONDUIT.
6. CONTRACTOR TO BACKFILL AND SOD IN ACCORDANCE WITH FDOT SPECIFICATIONS 120, 630 AND 575 RESPECTIVELY. THE COST FOR THESE ITEM IS INCLUDED UNDER THE TRENCHING PAY ITEM NUMBERS AS DESCRIBED IN THE PAY ITEM NOTES FOR THESE ITEMS.
7. ALL DIRECTIONAL BORE SHALL COMPLY WITH SECTION 555 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |

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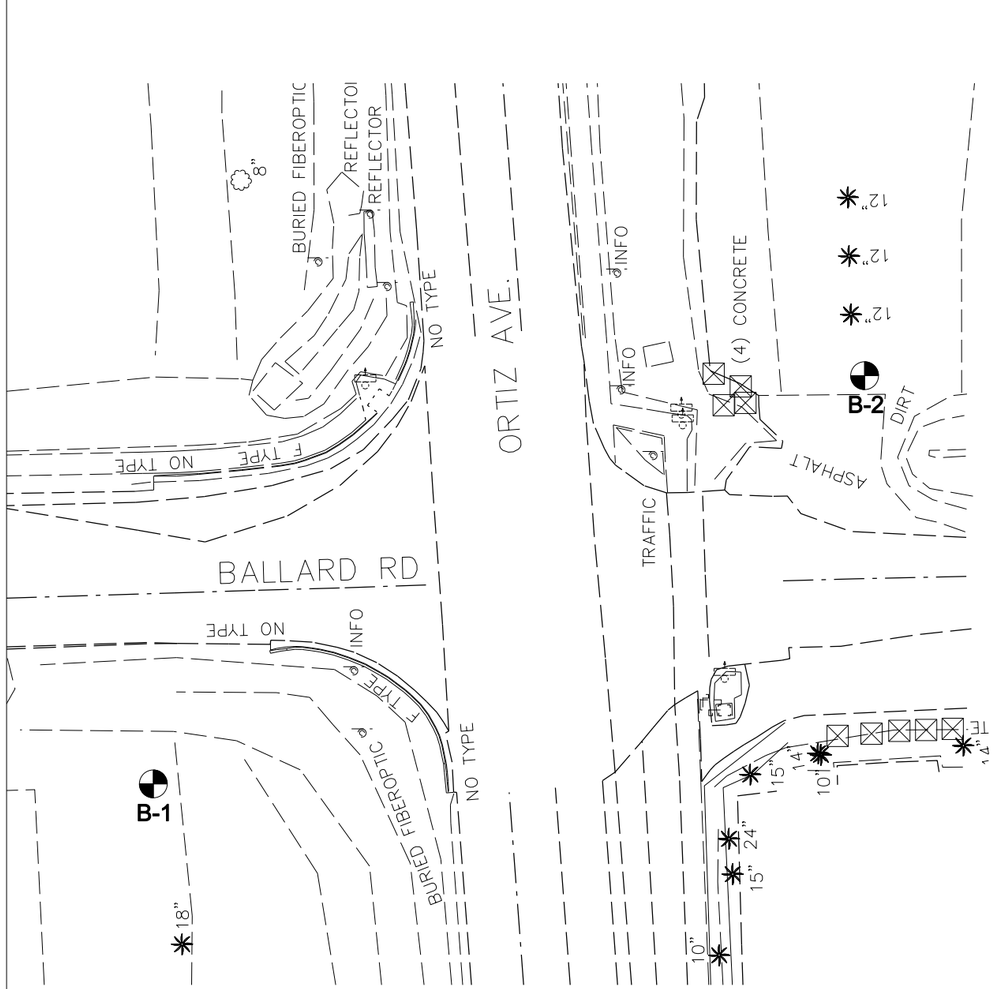
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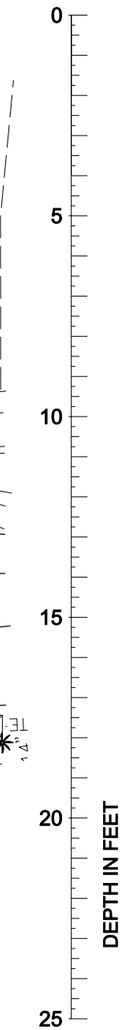
# TYPICAL DETAILS

SHEET NO. T-16

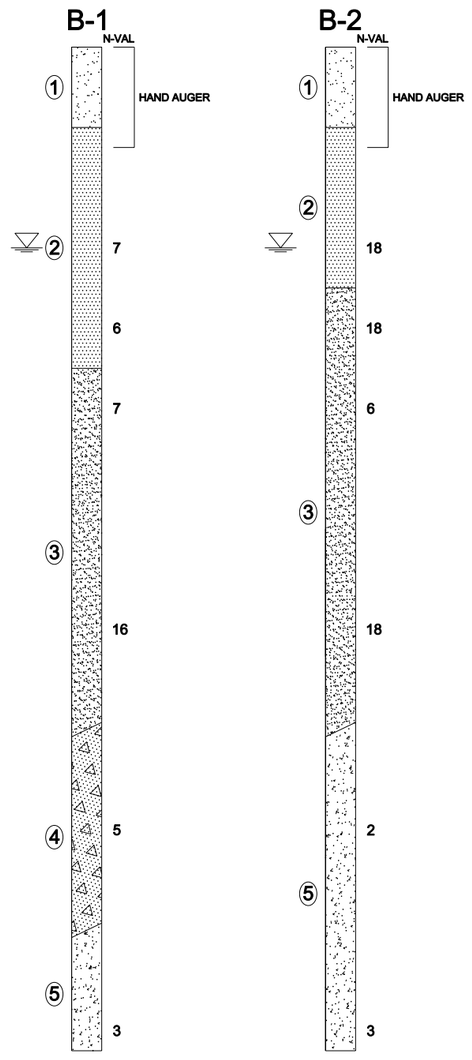
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# ORTIZ AVE & BALLARD RD




## SOIL PROFILES




## SOIL LEGEND

1. Light gray to gray, fine SAND, loose, moist (SP)
2. Brown, fine SAND, loose to medium dense, moist to wet (SP)
3. White to light brown, fine SAND, loose to medium dense, moist to wet (SP)
4. Gray, SHELL and fine SAND, loose, wet (SHELL, SP)
5. Light gray to gray, fine SAND with scattered zones containing phosphate, very loose to loose, wet (SP)

## SOIL PROFILE LEGEND NOTES

B-X = BORING NUMBER

SOIL TYPE ⊗ | SOIL SYMBOL | N = SPT TEST VALUE

GROUND WATER LEVEL ▽

= INDICATES GRADUAL TRANSITION IN SOIL TYPES

N - STANDARD PENETRATION RESISTANCE TEST (SPT) VALUE.
NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12-INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

TYPE RIG = SIMCO 2800 OR CME 45
HAMMER USED = SAFETY HAMMER
ALL ELEVATIONS BASED ON EXISTING GROUND LEVEL.
WOH = WEIGHT OF HAMMER
LFC = LOSS OF DRILLING FLUID CIRCULATION

GRANULAR MATERIALS -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY LOOSE | LESS THAN 4 |
| LOOSE | 4 - 10 |
| MEDIUM DENSE | 10 - 30 |
| DENSE | 30 - 50 |
| VERY DENSE | GREATER THAN 50 |

SILTS AND CLAYS -

| CONSISTENCY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 2 |
| SOFT | 2 - 4 |
| FIRM | 4 - 8 |
| STIFF | 8 - 15 |
| VERY STIFF | 15 - 30 |
| HARD | GREATER THAN 30 |

LIMEROCK -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 19 |
| SOFT | 20 - 49 |
| MEDIUM HARD | 50 - 100 |
| MODERATELY HARD | 50 FOR 2 TO 5" |
| HARD | 50 FOR 0 TO 2" |




NOTES: ⊗ SPT BORING LOCATION
BASE DRAWING PROVIDED BY CLIENT

## RECOMMENDED AVERAGE VALUES OF SOIL PARAMETERS
ORTIZ AVE & LUCKETT RD

| BORING NO. | ELEVATION BELOW THE EXISTING GRADES (FT) | ANGLE OF INTERNAL FRICTION (°) | COHESIVE (PSF) | TOTAL UNIT WEIGHT (PCF) | STRATUM NO. | USCS |
|---|---|---|---|---|---|---|
| B-1 | 0-12 | 28 | 0 | 112 | 1,2,3 | SP |
| | 12-17 | 32 | 0 | 120 | 3 | SP |
| | 17-25 | 26 | 0 | 110 | 4,5 | SP |
| B-2 | 0-4 | 28 | 0 | 112 | 1,2 | SP |
| | 4-8 | 32 | 0 | 120 | 2,3 | SP |
| | 8-12 | 28 | 0 | 112 | 3 | SP |
| | 12-17 | 32 | 0 | 120 | 3 | SP |
| | 17-25 | 26 | 0 | 110 | 5 | SP |

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |


ALLIED ENGINEERING AND TESTING, INC
5850 CORPORATION CIRCLE
FORT MYERS, FLORIDA 33905

PAUL J. D'HUYVETTER, P.E.#59716

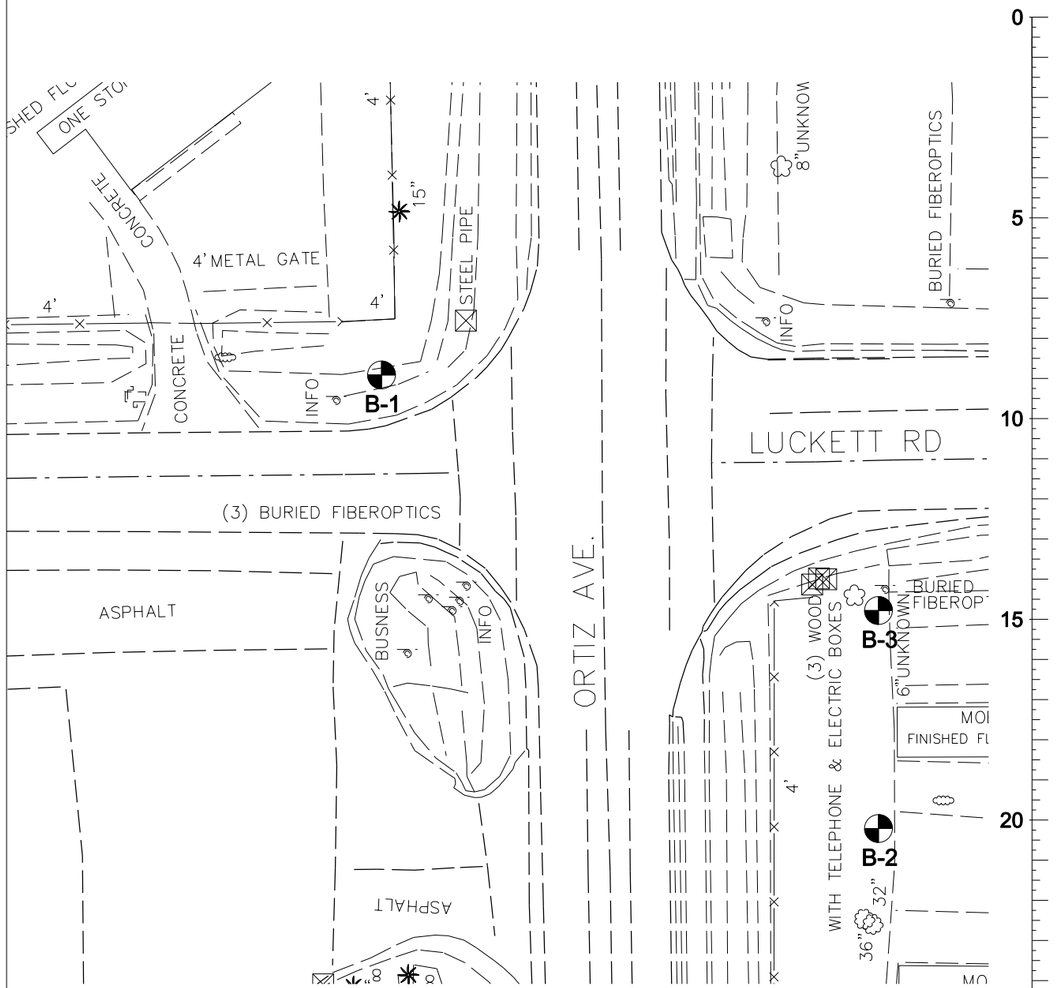

LEE COUNTY DEPARTMENT OF PUBLIC WORKS
1500 Monroe Street, Ft. Myers, Florida 33901

| ROAD NAME | COUNTY NAME | PROJECT ID |
|---|---|---|
| | | |

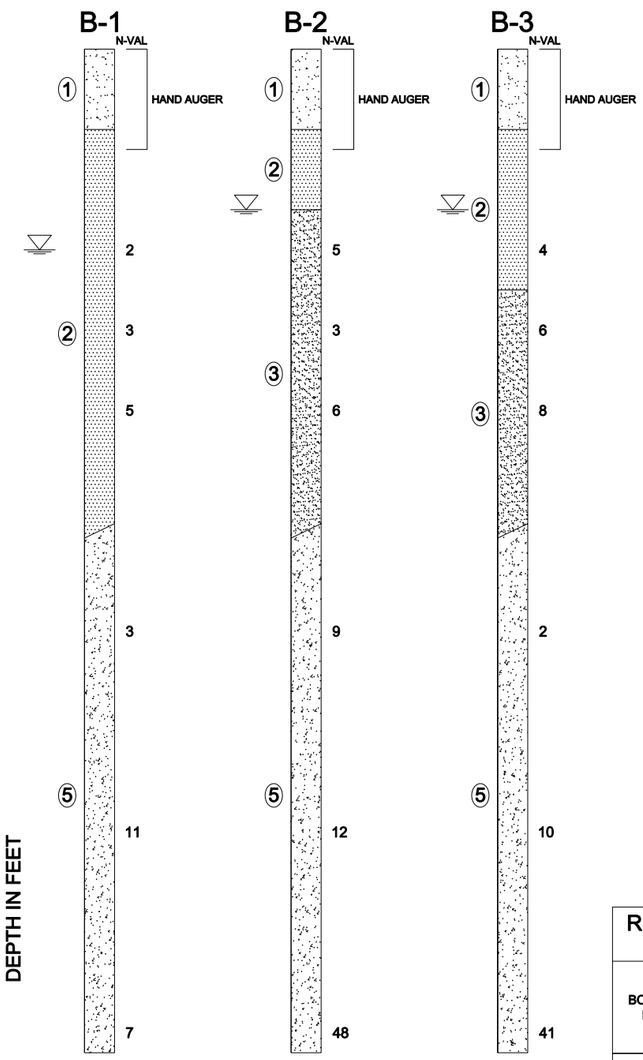
# REPORT OF CORE BORINGS
## ORTIZ AVE & BALLARD RD

SHEET NO.
T-17

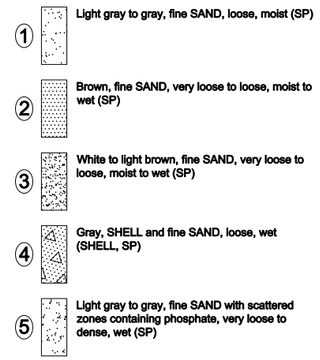
# ORTIZ AVE & LUCKETT RD



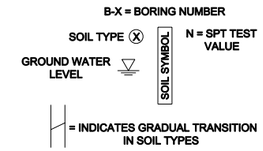

## SOIL PROFILES




## SOIL LEGEND




## SOIL PROFILE LEGEND NOTES




N - STANDARD PENETRATION RESISTANCE TEST (SPT) VALUE.
NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12-INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

TYPE RIG = SIMCO 2800 OR CME 45
HAMMER USED = SAFETY HAMMER
ALL ELEVATIONS BASED ON EXISTING GROUND LEVEL.
WOH = WEIGHT OF HAMMER
LFC = LOSS OF DRILLING FLUID CIRCULATION

GRANULAR MATERIALS -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY LOOSE | LESS THAN 4 |
| LOOSE | 4 - 10 |
| MEDIUM DENSE | 10 - 30 |
| DENSE | 30 - 50 |
| VERY DENSE | GREATER THAN 50 |

SILTS AND CLAYS -

| CONSISTENCY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 2 |
| SOFT | 2 - 4 |
| FIRM | 4 - 8 |
| STIFF | 8 - 15 |
| VERY STIFF | 15 - 30 |
| HARD | GREATER THAN 30 |

LIMEROCK -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 19 |
| SOFT | 20 - 49 |
| MEDIUM HARD | 50 - 100 |
| MODERATELY HARD | 50 FOR 2 TO 5" |
| HARD | 50 FOR 0 TO 2" |

## RECOMMENDED AVERAGE VALUES OF SOIL PARAMETERS
ORTIZ AVE & LUCKETT RD

| BORING NO. | ELEVATION BELOW THE EXISTING GRADES (FT) | ANGLE OF INTERNAL FRICTION (°) | COHESIVE (PSF) | TOTAL UNIT WEIGHT (PCF) | STRATUM NO. | USCS |
|---|---|---|---|---|---|---|
| B-1 | 0-17 | 26 | 0 | 110 | 1,2,5 | SP |
| | 17-25 | 30 | 0 | 115 | 5 | SP |
| B-2 | 0-17 | 26 | 0 | 110 | 1,2,3,5 | SP |
| | 17-22 | 30 | 0 | 115 | 5 | SP |
| | 22-25 | 36 | 0 | 125 | 5 | SP |
| B-3 | 0-17 | 26 | 0 | 110 | 1,2,3,5 | SP |
| | 17-22 | 30 | 0 | 115 | 5 | SP |
| | 22-25 | 36 | 0 | 125 | 5 | SP |




NOTES: ⊕ SPT BORING LOCATION
BASE DRAWING PROVIDED BY CLIENT

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |


ALLIED ENGINEERING AND TESTING, INC
5850 CORPORATION CIRCLE
FORT MYERS, FLORIDA 33905

PAUL J. D'HUYVETTER, P.E.#59716

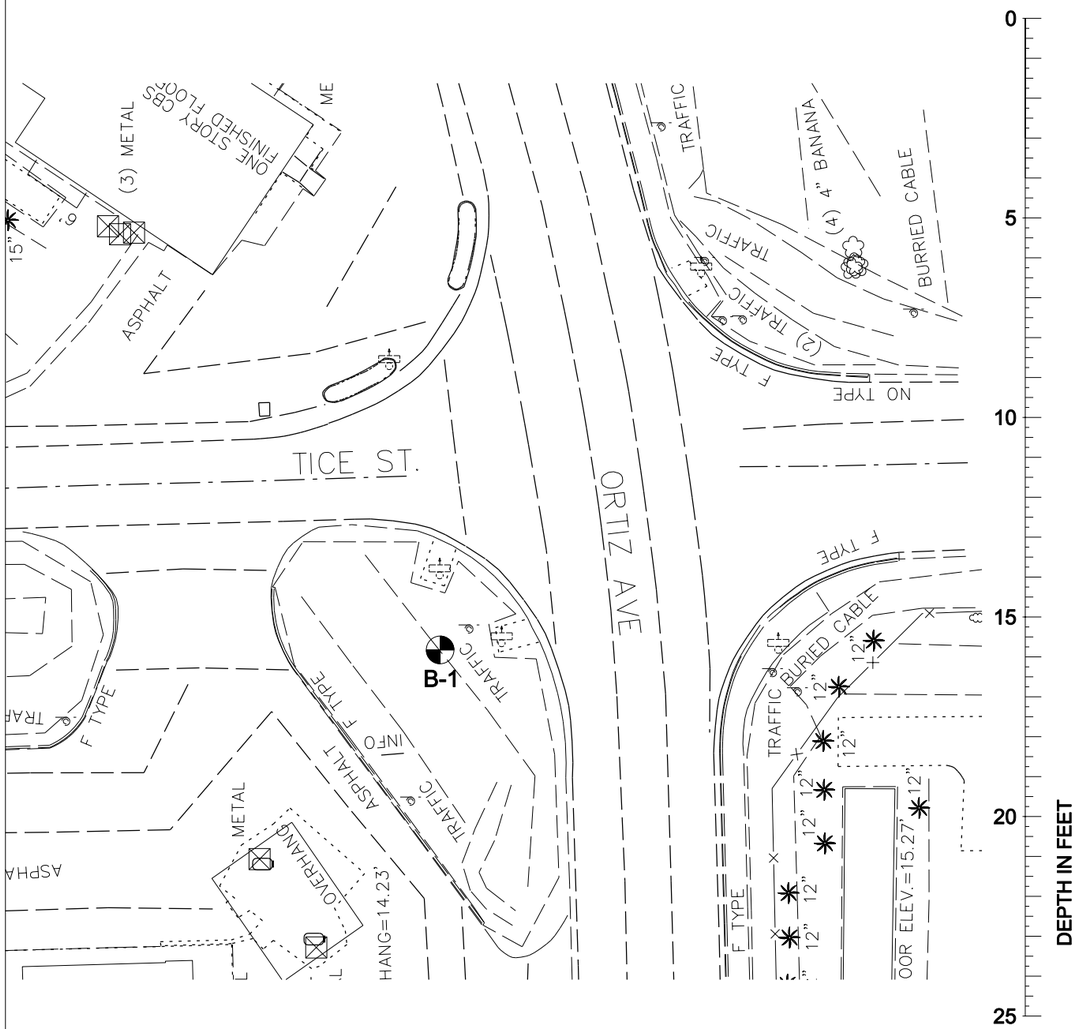

LEE COUNTY DEPARTMENT OF PUBLIC WORKS
1500 Monroe Street, Ft. Myers, Florida 33901

| ROAD NAME | COUNTY NAME | PROJECT ID |
|---|---|---|
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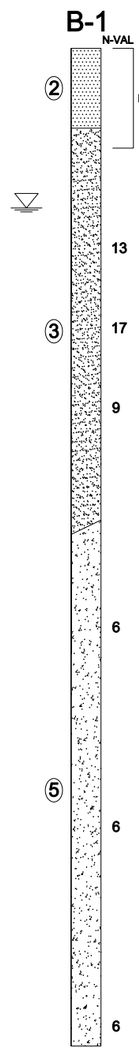
# REPORT OF CORE BORINGS
## ORTIZ AVE & LUCKETT RD

SHEET NO. T-18

# ORTIZ AVE & TICE ST




## SOIL PROFILES




## SOIL LEGEND

1. Light gray to gray, fine SAND, loose, moist (SP)
2. Brown, fine SAND, loose to medium dense, moist to wet (SP)
3. White to light brown, fine SAND, loose to medium dense, moist to wet (SP)
4. Gray, SHELL and fine SAND, loose, wet (SHELL, SP)
5. Light gray to gray, fine SAND with scattered zones containing phosphate, loose, wet (SP)

## SOIL PROFILE LEGEND NOTES

B-X = BORING NUMBER
SOIL TYPE (X) — SOIL SYMBOL
N = SPT TEST VALUE
GROUND WATER LEVEL
= INDICATES GRADUAL TRANSITION IN SOIL TYPES

N - STANDARD PENETRATION RESISTANCE TEST (SPT) VALUE.
NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12-INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

TYPE RIG = SIMCO 2800 OR CME 45
HAMMER USED = SAFETY HAMMER
ALL ELEVATIONS BASED ON EXISTING GROUND LEVEL.
WOH = WEIGHT OF HAMMER
LFC = LOSS OF DRILLING FLUID CIRCULATION

GRANULAR MATERIALS -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY LOOSE | LESS THAN 4 |
| LOOSE | 4 - 10 |
| MEDIUM DENSE | 10 - 30 |
| DENSE | 30 - 50 |
| VERY DENSE | GREATER THAN 50 |

SILTS AND CLAYS -

| CONSISTENCY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 2 |
| SOFT | 2 - 4 |
| FIRM | 4 - 8 |
| STIFF | 8 - 15 |
| VERY STIFF | 15 - 30 |
| HARD | GREATER THAN 30 |

LIMEROCK -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 19 |
| SOFT | 20 - 49 |
| MEDIUM HARD | 50 - 100 |
| MODERATELY HARD | 50 FOR 2 TO 5" |
| HARD | 50 FOR 0 TO 2" |




NOTES: ⊕ SPT BORING LOCATION
BASE DRAWING PROVIDED BY CLIENT

## RECOMMENDED AVERAGE VALUES OF SOIL PARAMETERS
ORTIZ AVE & PALM BEACH BLVD

| BORING NO. | ELEVATION BELOW THE EXISTING GRADES (FT) | ANGLE OF INTERNAL FRICTION (°) | COHESIVE (PSF) | TOTAL UNIT WEIGHT (PCF) | STRATUM NO. | USCS |
|---|---|---|---|---|---|---|
| B-1 | 0-4 | 26 | 0 | 110 | 2,3 | SP |
| | 4-8 | 32 | 0 | 120 | 3 | SP |
| | 8-25 | 30 | 0 | 115 | 3,5 | SP |

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |


ALLIED ENGINEERING AND TESTING, INC
5850 CORPORATION CIRCLE
FORT MYERS, FLORIDA 33905

PAUL J. D'HUYVETTER, P.E.#59716

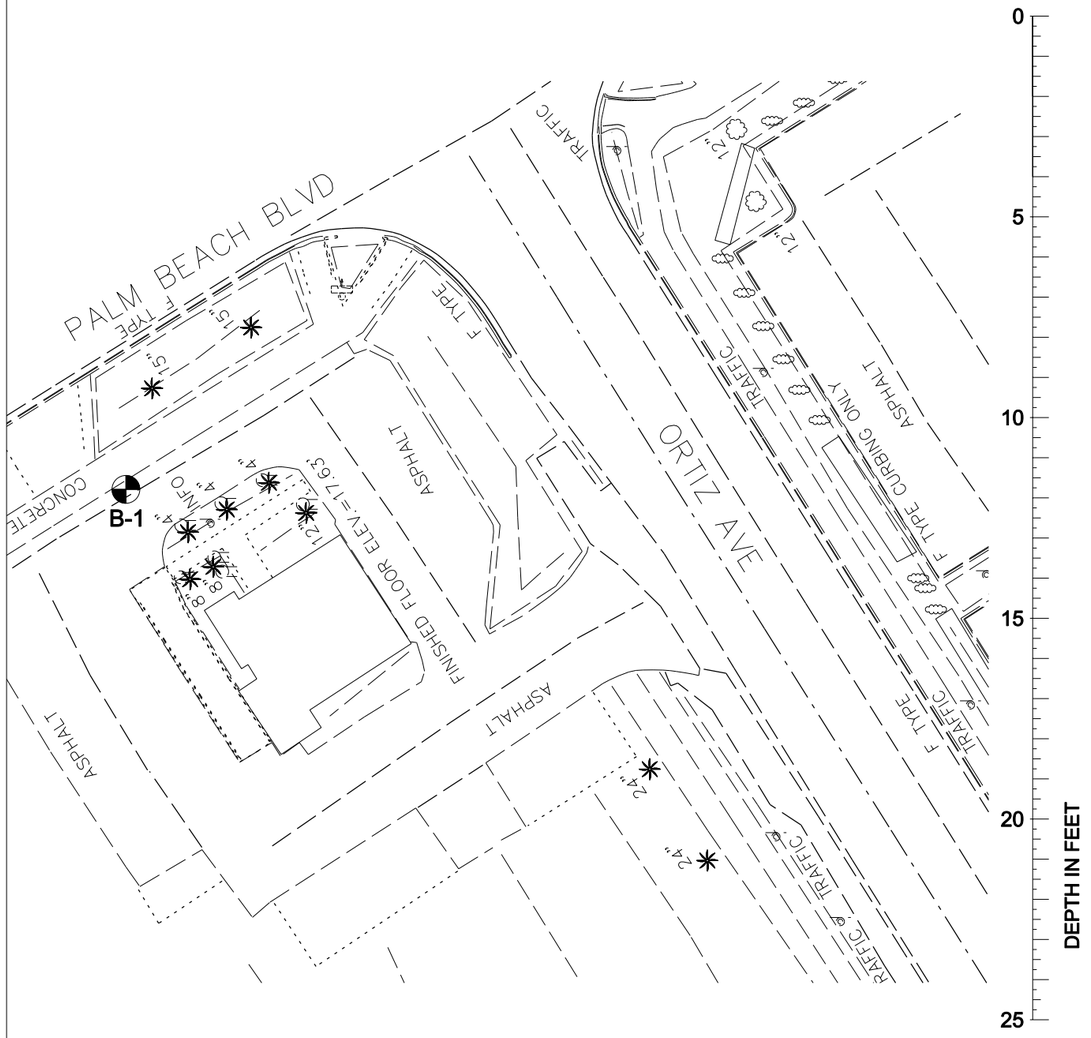

LEE COUNTY DEPARTMENT OF PUBLIC WORKS
1500 Monroe Street, Ft. Myers, Florida 33901

| ROAD NAME | COUNTY NAME | PROJECT ID |
|---|---|---|
| | | |

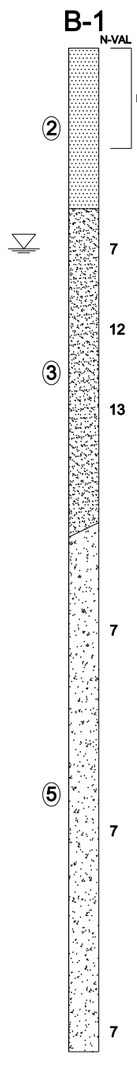
# REPORT OF CORE BORINGS
## ORTIZ AVE & TICE ST

SHEET NO.
T-19

# ORTIZ AVE & PALM BEACH BLVD




## SOIL PROFILES




## SOIL LEGEND

1. Light gray to gray, fine SAND, loose, moist (SP)
2. Brown, fine SAND, loose, moist to wet (SP)
3. White to light brown, fine SAND, loose to medium dense, moist to wet (SP)
4. Gray, SHELL and fine SAND, loose, wet (SHELL, SP)
5. Light gray to gray, fine SAND with scattered zones containing phosphate, loose, wet (SP)

## SOIL PROFILE LEGEND NOTES

B-X = BORING NUMBER

SOIL TYPE (X) — SOIL SYMBOL

GROUND WATER LEVEL

N = SPT TEST VALUE

= INDICATES GRADUAL TRANSITION IN SOIL TYPES

N - STANDARD PENETRATION RESISTANCE TEST (SPT) VALUE.
NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12-INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

TYPE RIG = SIMCO 2800 OR CME 45
HAMMER USED = SAFETY HAMMER
ALL ELEVATIONS BASED ON EXISTING GROUND LEVEL.
WOH = WEIGHT OF HAMMER
LFC = LOSS OF DRILLING FLUID CIRCULATION

GRANULAR MATERIALS -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY LOOSE | LESS THAN 4 |
| LOOSE | 4 - 10 |
| MEDIUM DENSE | 10 - 30 |
| DENSE | 30 - 50 |
| VERY DENSE | GREATER THAN 50 |

SILTS AND CLAYS -

| CONSISTENCY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 2 |
| SOFT | 2 - 4 |
| FIRM | 4 - 8 |
| STIFF | 8 - 15 |
| VERY STIFF | 15 - 30 |
| HARD | GREATER THAN 30 |

LIMEROCK -

| RELATIVE DENSITY | SPT N-VALUES BLOW/FOOT |
|---|---|
| VERY SOFT | LESS THAN 19 |
| SOFT | 20 - 49 |
| MEDIUM HARD | 50 - 100 |
| MODERATELY HARD | 50 FOR 2 TO 5" |
| HARD | 50 FOR 0 TO 2" |




NOTES: ⊕ SPT BORING LOCATION
BASE DRAWING PROVIDED BY CLIENT

## RECOMMENDED AVERAGE VALUES OF SOIL PARAMETERS
ORTIZ AVE & PALM BEACH BLVD

| BORING NO. | ELEVATION BELOW THE EXISTING GRADES (FT) | ANGLE OF INTERNAL FRICTION (°) | COHESIVE (PSF) | TOTAL UNIT WEIGHT (PCF) | STRATUM NO. | USCS |
|---|---|---|---|---|---|---|
| B-1 | 0-6 | 26 | 0 | 110 | 2,3 | SP |
| | 6-12 | 32 | 0 | 120 | 3 | SP |
| | 12-25 | 30 | 0 | 115 | 5 | SP |

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |


ALLIED ENGINEERING AND TESTING, INC
5850 CORPORATION CIRCLE
FORT MYERS, FLORIDA 33905

PAUL J. D'HUYVETTER, P.E.#59716


LEE COUNTY DEPARTMENT OF PUBLIC WORKS
1500 Monroe Street, Ft. Myers, Florida 33901

| ROAD NAME | COUNTY NAME | PROJECT ID |
|---|---|---|
| | | |

# REPORT OF CORE BORINGS
## ORTIZ AVE & PALM BEACH BLVD

SHEET NO.
T-20

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | SUB-TOTAL | | GRAND TOTAL | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L-6 | | L-7 | | L-8 | | L-9 | | L-10 | | L-11 | | L-12 | | L-13 | | L-14 | | L-15 | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | |
| 555-1-1 | DIRECTIONAL BORE (DIA. LESS THAN 6") (2-2" HDPE CONDUITS) | LF | | | 98 | | 95 | | 92 | | 235 | | 270 | | 30 | | 282 | | 202 | | 490 | | 1794 | | | | |
| 715-1-12 | LIGHTING-CONDUCTORS (SIZE NO. 6 AWG) / F&I | LF | 2012 | | 2868 | | 2872 | | 2866 | | 2856 | | 3148 | | 2872 | | 2860 | | 2866 | | 3382 | | 28602 | | | | |
| 715-2-11 | LIGHTING CONDUIT UNDERGROUND (2" HDPE) / F&I | LF | 1006 | | 1336 | | 1341 | | 1341 | | 1193 | | 1304 | | 1406 | | 1148 | | 1231 | | 1201 | | 12507 | | | | |
| 715-4-121 | LIGHT POLE COMPLETE, (WIND SPEED 130 MPH) (HAPCO B78230 - 40 FT)/ F&I | EA | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 8 | | 62 | | | | |
| 715-7-11 | LOAD CENTER (SECONDARY VOLTAGE) / F&I | EA | | | | | | | | | | | 1 | | | | | | | | 1 | | 2 | | | | |
| 715-14-12 | LIGHTING - PULL BOX (SIDEWALK) / F&I | EA | | | 2 | | 2 | | 2 | | 4 | | 4 | | 2 | | 5 | | 5 | | 8 | | 34 | | | | |

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | SUB-TOTAL | | GRAND TOTAL | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L-16 | | L-17 | | L-18 | | L-19 | | L-20 | | L-21 | | L-22 | | L-23 | | L-24 | | L-25 | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | | |
| 555-1-1 | DIRECTIONAL BORE (DIA. LESS THAN 6") (2-2" HDPE CONDUITS) | LF | 330 | | | | 190 | | 200 | | 430 | | 127 | | 100 | | 250 | | 262 | | | | 1889 | | | | |
| 715-1-12 | LIGHTING-CONDUCTORS (SIZE NO. 6 AWG) / F&I | LF | 2878 | | 2878 | | 2852 | | 2932 | | 3152 | | 2916 | | 2702 | | 2588 | | 2776 | | 1470 | | 27144 | | | | |
| 715-2-11 | LIGHTING CONDUIT UNDERGROUND (2" HDPE) / F&I | LF | 1109 | | 1439 | | 1236 | | 1266 | | 1146 | | 1331 | | 1251 | | 1044 | | 1126 | | 735 | | 11683 | | | | |
| 715-4-121 | LIGHT POLE COMPLETE, (WIND SPEED 130 MPH) (HAPCO B78230 - 40 FT)/ F&I | EA | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 4 | | 58 | | | | |
| 715-7-11 | LOAD CENTER (SECONDARY VOLTAGE) / F&I | EA | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | |
| 715-14-12 | LIGHTING - PULL BOX (SIDEWALK) / F&I | EA | 6 | | | | 4 | | 4 | | 7 | | 2 | | 2 | | 2 | | 6 | | | | 33 | | | | |

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | | | | | SUB-TOTAL | | GRAND TOTAL | | REF. SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L-26 | | L-27 | | L-28 | | L-29 | | L-30 | | | | | | | | | | | | | | | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | |
| 555-1-1 | DIRECTIONAL BORE (DIA. LESS THAN 6") (2-2" HDPE CONDUITS) | LF | | | | | 225 | | 27 | | 60 | | | | | | | | | | | | 312 | | 3995 | | |
| 715-1-12 | LIGHTING-CONDUCTORS (SIZE NO. 6 AWG) / F&I | LF | 724 | | 2876 | | 2872 | | 2874 | | 654 | | | | | | | | | | | | 10000 | | 65746 | | |
| 715-2-11 | LIGHTING CONDUIT UNDERGROUND (2" HDPE) / F&I | LF | 4200 | | 1438 | | 1211 | | 1410 | | 267 | | | | | | | | | | | | 8526 | | 32716 | | |
| 715-4-121 | LIGHT POLE COMPLETE, (WIND SPEED 130 MPH) (HAPCO B78230 - 40 FT)/ F&I | EA | 2 | | 5 | | 6 | | 5 | | 2 | | | | | | | | | | | | 20 | | 140 | | |
| 715-7-11 | LOAD CENTER (SECONDARY VOLTAGE) / F&I | EA | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 715-14-12 | LIGHTING - PULL BOX (SIDEWALK) / F&I | EA | | | | | 4 | | 1 | | 1 | | | | | | | | | | | | 6 | | 73 | | |

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


VANUS, INC.
4350 W. CYPRESS ST., SUITE 340
TAMPA, FL 33607
TELEPHONE: (813) 831-8870
CA NO.: 4266
WWW.VANUSINC.COM


APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377


PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET
FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm


pduong

LIGHTING
TABULATION OF QUANTITIES

SHEET NO.
L-1

6/25/2008 2:52:54 PM s:\2060901\design plan\lighting\TABQLT01.DGN

1. SPARE CONDUIT AT PAVEMENT CROSSINGS SHALL BE CAPPED AT BOTH ENDS AND TERMINATE IN PULL BOXES.

2. PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT. SEVEN (7) COPIES OF SHOP DRAWINGS AND DESIGN DATA FOR ROADWAY LIGHTING EQUIPMENT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD IN ACCORDANCE WITH THE SPECIFICATIONS.

3. THE LOCATION OF EXISTING UTILITIES, AS SHOWN ON THIS PLANS, ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNERS AND ARE SHOWN AS NOTICE TO THE CONTRACTOR THAT UNDERGROUND UTILITIES EXIST. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OWNERS FOR LOCATION AND STAKING OF UNDERGROUND FACILITIES BEFORE EXCAVATING.

4. STATE OF FLORIDA STATUTE 556.105 REQUIRES THAT BEFORE EXCAVATING, NOTICE BE GIVEN TO THE UTILITY OWNER A MINIMUM OF TWO (2) FULL BUSINESS DAYS AND A MAXIMUM OF (5) FULL BUSINESS DAYS. NOT ALL UTILITY OWNER ARE MEMBER OF "SUNSHINE ONE" 1-800-432-4770.

5. THE LOCATION OF THE POLES, CONDUCTORS, CONDUITS, JUNCTION BOXES, AND SERVICE POLES ARE DIAGRAMMATIC ONLY AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND EXISTING UTILITY LOCATIONS.

6. ALUMINUM POLES, LUMINAIRES, AND BASES SHALL BE FABRICATED IN ACCORDANCE WITH AASHTO'S " STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AND SHALL HAVE BEEN TESTED BY F.H.W.A. APPROVED METHODS (1994 EDITION). CERTIFICATION FOR TESTS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.

7. SHOP DRAWING SUBMITTAL DATA SHALL INCLUDE A COMPUTER PRINTOUT SHOWING HORIZONTAL FOOT-CANDLE LEVELS TO BE OBTAINED USING THE SUBMITTED LUMINAIRES ON THIS PROJECT. AT FINAL INSPECTION THE CONTRACTOR SHALL VERIFY THE HORIZONTAL FOOT-CANDLE LEVELS ON THE ROADWAY WITH AN APPROVED CURRENTLY CALIBRATED LIGHT METER AND SUBMIT THIS REPORT TO THE ENGINEER OF RECORD FOR APPROVAL.

8. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL SAFETY CODE AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER THE NATIONAL ELECTRICAL CODE REQUIREMENTS.

9. INSTALL LIGHTNING ARRESTORS, PROPERLY GROUNDED, IN POWER (SECONDARY) ENTRANCES.

10. IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, IDENTIFY ALL CIRCUITS AND EQUIPMENT WITH "LAMACOID TAGS". INSTALL SIMILAR TAGS OF STAINLESS STEEL IDENTIFYING CIRCUITS FOR EACH LUMINAIRE AT THE ACCESS HANDHOLE FOR EACH POLE.

11. CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENT, A MINIMUM 10-FOOT DISTANCE SHALL BE MAINTAINED BETWEEN THE EQUIPMENT AND THE ELECTRICAL OVERHEAD FACILITY. ALL EXISTING OVERHEAD POWER LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY. ANY WORK DONE RELATED TO THIS REQUIREMENT SHALL BE AT NO ADDITIONAL COST TO THE COUNTY.

12. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET MANUFACTURER'S REQUIREMENTS. USE PULLING COMPOUND PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN RECOMMENDED BY THE NATIONAL ELECTRICAL CODE OR NATIONAL ELECTRICAL SAFETY CODE FOR CABLE USED.

13. CONTRACTOR SHALL STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND STAKE UNDERGROUND UTILITIES PRIOR TO EXCAVATING.

14. THE CONTRACTOR SHALL FURNISH AND INSTALL AN ALUMINUM IDENTIFICATION TAG ON EACH ROADWAY LIGHTING STANDARD. TAGS SHALL BE 2" x 8" IN SIZE WITH BLACK LETTERS ON A YELLOW BACKGROUND, ATTACHED WITH RIVETS, (NO SCREWS). NUMBERS SHALL BE AS SHOWN ON THE POLE DATA SHEETS AND THE POLE IDENTIFICATION TAG DETAIL. COST OF TAGS SHALL BE INCLUDED IN THE PAY ITEM.

15. DIRECTIONAL BORE OPERATIONS SHALL MEET THE REQUIREMENTS OF THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION UTILITY ACCOMMODATION GUIDE (LATEST EDITION).

16. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO THE LIGHTING POLE FOUNDATIONS OR CONDUIT RUN, AS DETERMINED BY THE CONTRACTOR, THE CONTRACTOR SHALL HAND DIG THE FIRST 4.0' OF THE HOLE FOR THE POLE FOUNDATION AND CONDUIT RUN.

17. ALL CONDUIT TRENCHES SHALL BE BACK FILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORKING DAY. THE CONTRACTOR SHALL NOT OPEN ANY AREA THAT CAN NOT BE BACK FILLED IN THE SAME DAY/NIGHT OPERATION.

18. ALL EXCESS DIRT AND DEBRIS EXCAVATED FROM POLE FOUNDATIONS SHALL BE REMOVED DAILY TO AREAS APPROVED BY THE ENGINEER AT NO ADDITIONAL COST TO LEE COUNTY.

19. THE LIGHTING SYSTEM SHALL BE MAINTAINED BY THE LEE COUNTY UPON FINAL ACCEPTANCE. THE CONTRACTOR SHALL SUBMIT THE AS-BUILT PLANS TO THE ENGINEER, PRIOR TO FINAL ACCEPTANCE.

20. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE STREETS, PRIVATE AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING THE CONSTRUCTION OPERATION.

21. FOUNDATIONS FOR STREET LIGHT POLES SHALL BE A MINIMUM 30" DIAMETER, 7-FOOT LONG PRE-FORMED CONCRETE FOUNDATION WITH 2-2" CONDUITS AND 1-1" CONDUIT.

22. MINIMUM 20-FOOT GROUND ROD AT EACH STREET LIGHT POLE IS REQUIRED. THE GROUND RESISTANCE MUST BE LESS THAN 15 OHMS.

23. BREAKAWAY RECEPTACLES WITH SET SCREW CONNECTORS AND RUBBER BOOTS SHALL BE INSTALLED IN EACH POLE.

24. NO SPLICING PERMITTED IN PULL BOXES UNLESS APPROVED BY LEE COUNTY TRAFFIC ENGINEERING. SPLICE ONLY BY USE OF USPA INLINE SPLICE.

25. SURGE ARRESTORS SHALL BE INSTALLED AT EACH POLE. USE 10* STRANDED WIRE TO FEED STREET LIGHT HEAD FROM POLE BASE (HOT-HOT/NEUTRAL-GROUND).

26. ALL APPLICABLE INSTALLATION SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST ADDITION OF THE LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS.
http://www.lee-county.com/publicworks/pdf/traffic/DOT_Plan_Specifications.pdf

27. UTILITY OWNERS:

| COMPANY | CONTACT | TELEPHONE |
|---|---|---|
| LEE COUNTY SIGNAL DEPARTMENT | JOE FOOSE | 239-694-7600 EXT. 4145 |
| LEE COUNTY ROADWAYLIGHTING | MIKE SAY | 239-533-9514 |
| FLORIDA POWER & LIGHT | TRACY STERN<br>ROY GARRISON | 305-442-5966<br>239-332-9129 |
| AT&T COMM. - NORTH | NANCY SPENCE | 770-918-5424 |
| SPRINT | ED HALL | 239-336-2124 |
| TECO - PEOPLES GAS | JEREMIAH JOHNSON | 239-690-5513 |
| CITY OF FT. MYERS | ROGER P. ROBINSON, P.E. | 239-332-6822 |
| COMCAST | MIKE CONDON | 239-415-4733 |

## ROADWAY LIGHTING ITEM NOTES:

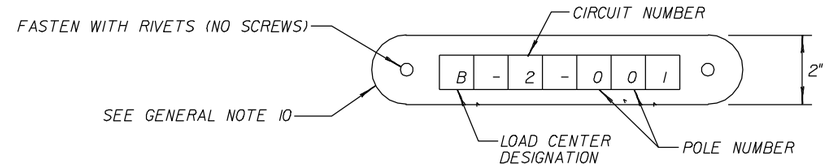
1. PAY ITEM 715-1-12:
SHALL INCLUDE CONDUCTORS AS INDICATED IN THE PLANS AND THE LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS. PAYMENT SHALL BE MADE BASED ON LINEAR FOOT OF SINGLE CONDUCTOR.

2. PAY ITEM 715-2-11:
SHALL INCLUDE CONDUIT, ELBOWS, SWEEPS, CONNECTING HARDWARE, TRENCHING AND BACKFILL AS INDICATED IN THE PLANS AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS. THE LINEAR FOOT PRICE FOR CONDUIT SHALL ALSO INCLUDE THE COST OF RESTORING CUT PAVEMENT, SIDEWALK, SOD, ETC., TO IT'S ORIGINAL CONDITION. SOD SHALL BE REPLACED IN LIKE KIND OF THE ADJACENT SURROUNDS.

3. ITEM 715-4-121: SHALL INCLUDE THE POLE, LUMINAIRE WITH LAMP, ANCHOR BOLTS WITH LOCK NUTS AND WASHERS, FRANGIBLE BASE, AND FOUNDATION AS INDICATED IN THE DESIGN STANDARDS. THE COST OF BREAK-AWAY WATERTIGHT, IN-LINE FUSE HOLDERS, THE STRAIN RELIEF, AND THE SURGE ARRESTOR PER DESIGN STANDARDS INDEX 17500, IS ALSO INCLUDED.

4. PAY ITEM 715-7-11: SHALL INCLUDE METER BASE, SERVICE POLE INSULATORS, WEATHERHEADS, TRANSFORMERS, ENCLOSURES, PANEL BOARDS, BREAKERS, FUSES, LIGHTNING PROTECTOR, PHOTO-ELECTRIC ASSEMBLY, CONDUIT, FEEDER CONDUCTORS, PULL BOXES, AND ALL MISCELLANEOUS HARDWARE FOR A COMPLETE INSTALLATION AS PER PLANS AND STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 17500. SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING TYPE N-11 CONCRETE SERVICE POLES.

## ROADWAY LIGHTING POLE IDENTIFICATION TAG DETAIL (N.T.S.)




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REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377

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DEPARTMENT of TRANSPORTATION
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# LIGHTING GENERAL NOTES

SHEET NO. L-2

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# POLE DATA

| POLE NO. | CIRCUIT | STATION | ROAD SIDE | LUMINAIRE WATTAGE | MOUNTING HEIGHT | POLE SETBACK | PAY ITEM |
|---|---|---|---|---|---|---|---|
| 1 | A-1 | 1011 + 35 | LT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 2 | A-1 | 1013 + 49 | LT | 400W | 40' | | |
| 3 | A-1 | 1015 + 63 | LT | 400W | 40' | | |
| 4 | A-1 | 1017 + 71 | LT | 400W | 40' | | |
| 5 | A-1 | 1020 + 29 | LT | 400W | 40' | | |
| 6 | A-1 | 1022 + 48 | LT | 400W | 40' | | |
| 7 | A-1 | 1024 + 81 | LT | 400W | 40' | | |
| 8 | A-1 | 1027 + 14 | LT | 400W | 40' | | |
| 9 | A-1 | 1029 + 47 | LT | 400W | 40' | | |
| 10 | A-1 | 1031 + 80 | LT | 400W | 40' | | |
| 11 | A-1 | 1034 + 13 | LT | 400W | 40' | | |
| 12 | A-1 | 1036 + 27 | LT | 400W | 40' | | |
| 13 | A-1 | 1038 + 42 | LT | 400W | 40' | | |
| 14 | A-1 | 1040 + 74 | LT | 400W | 40' | | |
| 15 | A-1 | 1043 + 07 | LT | 400W | 40' | | |
| 16 | A-2 | 1011 + 10 | RT | 400W | 40' | | |
| 17 | A-2 | 1013 + 49 | RT | 400W | 40' | | |
| 18 | A-2 | 1015 + 63 | RT | 400W | 40' | | |
| 19 | A-2 | 1017 + 96 | RT | 400W | 40' | | |
| 20 | A-2 | 1020 + 09 | RT | 400W | 40' | | |
| 21 | A-2 | 1022 + 48 | RT | 400W | 40' | 1FT IN SIDEWALK, 7 FT FROM EDGE OF TRAVELWAY | |
| 22 | A-2 | 1024 + 81 | RT | 400W | 40' | | |
| 23 | A-2 | 1027 + 14 | RT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 24 | A-2 | 1029 + 47 | RT | 400W | 40' | | |
| 25 | A-2 | 1031 + 80 | RT | 400W | 40' | | |
| 26 | A-2 | 1034 + 13 | RT | 400W | 40' | | |
| 27 | A-2 | 1036 + 27 | RT | 400W | 40' | 1FT IN SIDEWALK, 7 FT FROM EOT | |
| 28 | A-2 | 1038 + 42 | RT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 29 | A-2 | 1040 + 74 | RT | 400W | 40' | | |
| 30 | A-2 | 1043 + 07 | RT | 400W | 40' | | |
| 31 | A-3 | 1045 + 40 | LT | 400W | 40' | | |
| 32 | A-3 | 1047 + 73 | LT | 400W | 40' | | |
| 33 | A-3 | 1050 + 06 | LT | 400W | 40' | | |
| 34 | A-3 | 1052 + 39 | LT | 400W | 40' | | |
| 35 | A-3 | 1054 + 72 | LT | 400W | 40' | | |
| 36 | A-3 | 1057 + 05 | LT | 400W | 40' | | |
| 37 | A-3 | 1059 + 38 | LT | 400W | 40' | | |
| 38 | A-3 | 1061 + 78 | LT | 400W | 40' | | |
| 39 | A-3 | 1064 + 75 | LT | 400W | 40' | | |
| 40 | A-3 | 1066 + 89 | LT | 400W | 40' | | |
| 41 | A-3 | 1068 + 79 | LT | 400W | 40' | | |
| 42 | A-3 | 1070 + 69 | LT | 400W | 40' | | |
| 43 | A-3 | 1072 + 59 | LT | 400W | 40' | | |
| 44 | A-3 | 1074 + 49 | LT | 400W | 40' | | |
| 45 | A-4 | 1045 + 40 | RT | 400W | 40' | | |
| 46 | A-4 | 1047 + 73 | RT | 400W | 40' | | |
| 47 | A-4 | 1050 + 06 | RT | 400W | 40' | | |
| 48 | A-4 | 1052 + 39 | RT | 400W | 40' | | |
| 49 | A-4 | 1054 + 79 | RT | 400W | 40' | | |
| 50 | A-4 | 1057 + 05 | RT | 400W | 40' | | |

## CONVENTIONAL LIGHTING DESIGN CRITERIA

| | | |
|---|---|---|
| AVERAGE INITIAL INTENSITY | | FOOT CANDLES |
| UNIFORMITY RATIO | AVG./MIN. | 4:1 OR LESS |
| | MAX./MIN. | 10:1 OR LESS |
| WIND SPEED | | 100 MPH WITH 1.3 GUST FACTOR |

# LEGEND

| SYMBOLS | DESCRIPTION |
|---|---|
| | HOLOPHANE MONGOOSE 400 WATT HIGH PRESSURE SODIUM LUMINAIRE CATALOG NUMBER G400HP48LWFVG P. LUMINAIRE SPECIFICATIONS: 480 VOLT INPUT, FLAT GLASS, LOW TILT, TENON MOUNT, GRAY FINISH AND PROTECTED STARTER FOR HPS. IES CURVE NUMBER 49396. POLE MOUNTING HEIGHT 40 FEET WITH 5 PERCENT TILT. POLE TYPE HAPCO B78230 POLE. |
| | HOLOPHANE MONGOOSE 250 WATT HIGH PRESSURE SODIUM LUMINAIRE CATALOG NUMBER G250HPMTLFFVG P. LUMINAIRE SPECIFICATIONS: 250 WATT HIGH PRESSURE SODIUM PRE-WIRE TO THE SAME POWER AS TRAFFIC SIGNAL VOLTAGE, FLAT GLASS, LOW TILT, VERTICAL TENON MOUNTED, GRAY FINISH AND PROTECTED STARTER. IES CURVE NUMBER 51437. MOUNTED ON SIGNAL POLE USING A BKT-1-X BRACKET. |
| | 2" HDPE CONDUIT (GRAY) WITH THW OR THWN CONDUCTORS INSIDE (CONDUIT AND CONDUCTOR SIZE AS SHOWN ON PLAN SHEETS). CONDUIT SHALL CONTAIN TWO (2) CONDUCTOR WIRES FOR 480 VOLT SYSTEM FURNISHED BY FPL FOR STREET LIGHTING IN LEE COUNTY. |
| | 2-2" HDPE CONDUITS (GRAY) WITH THW OR THWN CONDUCTORS INSIDE (CONDUIT AND CONDUCTOR SIZE AS SHOWN ON PLAN SHEETS). CONDUIT SHALL CONTAIN TWO (2) CONDUCTOR WIRES FOR 480 VOLT SYSTEM FURNISHED BY FPL FOR STREET LIGHTING IN LEE COUNTY. |
| | PULL BOX. FOR SPECIFICATIONS SEE LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS. |
| | SQUARE D NIGHT-MASTER LOAD CENTER NUMBER D8903-SQH63-V06 WITH BUSSMAN FUSE BLOCK NUMBER R60030-2CR. FOR REQUIREMENTS SEE LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS. |

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FLORIDA CERTIFICATE NO. 56377

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POLE DATA AND LEGEND

SHEET NO. L- 3

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# POLE DATA

| POLE NO. | CIRCUIT | STATION | ROAD SIDE | LUMINAIRE WATTAGE | MOUNTING HEIGHT | POLE SETBACK | PAY ITEM |
|---|---|---|---|---|---|---|---|
| 51 | A-4 | 1059 + 38 | RT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 52 | A-4 | 1061 + 78 | RT | 400W | 40' | | |
| 53 | A-4 | 1064 + 65 | RT | 400W | 40' | 1 FT IN SIDEWALK, 7 FT FROM EDGE OF TRAVELWAY | |
| 54 | A-4 | 1066 + 89 | RT | 400W | 40' | | |
| 55 | A-4 | 1068 + 79 | RT | 400W | 40' | | |
| 56 | A-4 | 1070 + 69 | RT | 400W | 40' | | |
| 57 | A-4 | 1072 + 59 | RT | 400W | 40' | | |
| 58 | A-4 | 1074 + 49 | RT | 400W | 40' | | |
| 59 | B-1 | 1078 + 11 | LT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 60 | B-1 | 1080 + 23 | LT | 400W | 40' | | |
| 61 | B-1 | 1082 + 93 | LT | 400W | 40' | | |
| 62 | B-1 | 1085 + 26 | LT | 400W | 40' | | |
| 63 | B-1 | 1087 + 59 | LT | 400W | 40' | | |
| 64 | B-1 | 1089 + 92 | LT | 400W | 40' | | |
| 65 | B-1 | 1092 + 25 | LT | 400W | 40' | | |
| 66 | B-1 | 1094 + 25 | LT | 400W | 40' | | |
| 67 | B-1 | 1096 + 58 | LT | 400W | 40' | | |
| 68 | B-1 | 1098 + 91 | LT | 400W | 40' | | |
| 69 | B-1 | 1100 + 81 | LT | 400W | 40' | | |
| 70 | B-1 | 1103 + 14 | LT | 400W | 40' | | |
| 71 | B-1 | 1105 + 56 | LT | 400W | 40' | | |
| 72 | B-1 | 1107 + 69 | LT | 400W | 40' | | |
| 73 | B-1 | 1110 + 10 | LT | 400W | 40' | | |
| 74 | B-2 | 1077 + 86 | RT | 400W | 40' | | |
| 75 | B-2 | 1080 + 23 | RT | 400W | 40' | | |
| 76 | B-2 | 1082 + 93 | RT | 400W | 40' | | |
| 77 | B-2 | 1085 + 26 | RT | 400W | 40' | | |
| 78 | B-2 | 1087 + 59 | RT | 400W | 40' | | |
| 79 | B-2 | 1089 + 92 | RT | 400W | 40' | | |
| 80 | B-2 | 1092 + 25 | RT | 400W | 40' | | |
| 81 | B-2 | 1094 + 25 | RT | 400W | 40' | | |
| 82 | B-2 | 1096 + 58 | RT | 400W | 40' | | |
| 83 | B-2 | 1098 + 91 | RT | 400W | 40' | 1 FT IN SIDEWALK, 7 FT FROM EDGE OF TRAVELWAY | |
| 84 | B-2 | 1100 + 75 | RT | 400W | 40' | | |
| 85 | B-2 | 1103 + 14 | RT | 400W | 40' | | |
| 86 | B-2 | 1105 + 47 | RT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 87 | B-2 | 1107 + 69 | RT | 400W | 40' | | |
| 88 | B-2 | 1110 + 02 | RT | 400W | 40' | | |
| 89 | B-3 | 1112 + 35 | LT | 400W | 40' | | |
| 90 | B-3 | 1114 + 81 | LT | 400W | 40' | | |
| 91 | B-3 | 1117 + 01 | LT | 400W | 40' | | |
| 92 | B-3 | 1119 + 34 | LT | 400W | 40' | | |
| 93 | B-3 | 1121 + 67 | LT | 400W | 40' | | |
| 94 | B-3 | 1123 + 82 | LT | 400W | 40' | | |
| 95 | B-3 | 1125 + 72 | LT | 400W | 40' | | |
| 96 | B-3 | 1127 + 62 | LT | 400W | 40' | | |
| 97 | B-3 | 1131 + 63 | LT | 400W | 40' | | |
| 98 | B-3 | 1133 + 69 | LT | 400W | 40' | | |
| 99 | B-3 | 1135 + 94 | LT | 400W | 40' | | |
| 100 | B-3 | 1138 + 17 | LT | 400W | 40' | | |

| POLE NO. | CIRCUIT | STATION | ROAD SIDE | LUMINAIRE WATTAGE | MOUNTING HEIGHT | POLE SETBACK | PAY ITEM |
|---|---|---|---|---|---|---|---|
| 101 | B-3 | 1140 + 60 | LT | 400W | 40' | BEHIND SIDEWALK, 8 FT FROM EDGE OF TRAVELWAY | |
| 102 | B-3 | 1142 + 65 | LT | 400W | 40' | | |
| 103 | B-3 | 1144 + 59 | LT | 400W | 40' | | |
| 104 | B-4 | 1112 + 15 | RT | 400W | 40' | | |
| 105 | B-4 | 1114 + 68 | RT | 400W | 40' | | |
| 106 | B-4 | 1117 + 01 | RT | 400W | 40' | | |
| 107 | B-4 | 1119 + 34 | RT | 400W | 40' | | |
| 108 | B-4 | 1121 + 67 | RT | 400W | 40' | | |
| 109 | B-4 | 1123 + 82 | RT | 400W | 40' | | |
| 110 | B-4 | 1125 + 44 | RT | 400W | 40' | | |
| 111 | B-4 | 1127 + 62 | RT | 400W | 40' | | |
| 112 | B-4 | 1131 + 30 | RT | 400W | 40' | | |
| 113 | B-4 | 1133 + 85 | RT | 400W | 40' | | |
| 114 | B-4 | 1135 + 81 | RT | 400W | 40' | | |
| 115 | B-4 | 1138 + 09 | RT | 400W | 40' | | |
| 116 | B-4 | 1140 + 60 | RT | 400W | 40' | | |
| 117 | B-4 | 1142 + 65 | RT | 400W | 40' | | |
| 118 | B-4 | 1144 + 59 | RT | 400W | 40' | | |
| 119 | C-1 | 401 + 70 | RT | 400W | 40' | | |
| 120 | C-1 | 404 + 30 | RT | 400W | 40' | | |
| 121 | C-1 | 407 + 00 | RT | 400W | 40' | | |
| 122 | C-1 | 409 + 80 | RT | 400W | 40' | | |
| 123 | C-1 | 412 + 60 | RT | 400W | 40' | | |
| 124 | C-1 | 415 + 20 | RT | 400W | 40' | | |
| 125 | C-1 | 418 + 00 | RT | 400W | 40' | | |
| 126 | C-1 | 420 + 80 | RT | 400W | 40' | | |
| 127 | C-1 | 423 + 40 | RT | 400W | 40' | | |
| 128 | C-1 | 425 + 80 | RT | 400W | 40' | | |
| 129 | C-2 | 403 + 00 | LT | 400W | 40' | | |
| 130 | C-2 | 405 + 60 | LT | 400W | 40' | | |
| 131 | C-2 | 408 + 40 | LT | 400W | 40' | | |
| 132 | C-2 | 411 + 20 | LT | 400W | 40' | | |
| 133 | C-2 | 413 + 80 | LT | 400W | 40' | | |
| 134 | C-2 | 416 + 60 | LT | 400W | 40' | | |
| 135 | C-2 | 419 + 40 | LT | 400W | 40' | | |
| 136 | C-2 | 422 + 03 | LT | 400W | 40' | | |
| 137 | C-2 | 424 + 70 | LT | 400W | 40' | | |
| 138 | C-3 | 398 + 44 | LT | 400W | 40' | 8 FT FROM EOT | |
| 139 | C-3 | 396 + 55 | LT | 400W | 40' | 8 FT FROM EOT | |
| 140 | C-3 | 394 + 60 | LT | 400W | 40' | 8 FT FROM EOT | |

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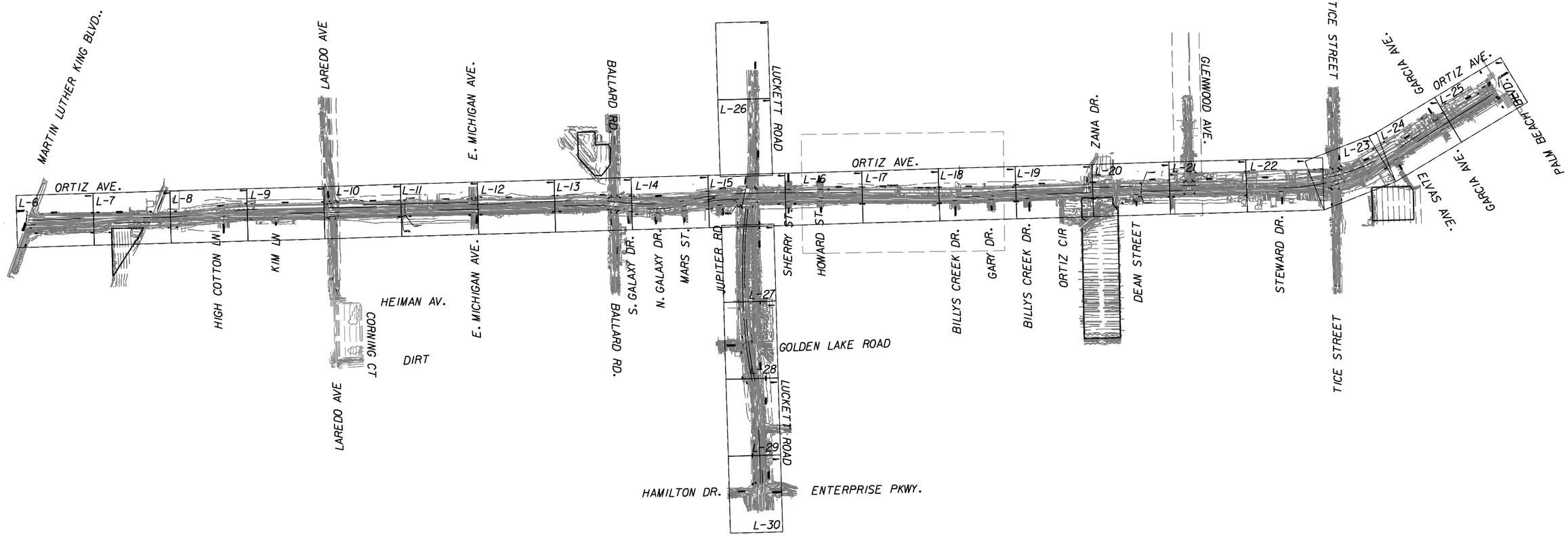

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## POLE DATA AND LEGEND

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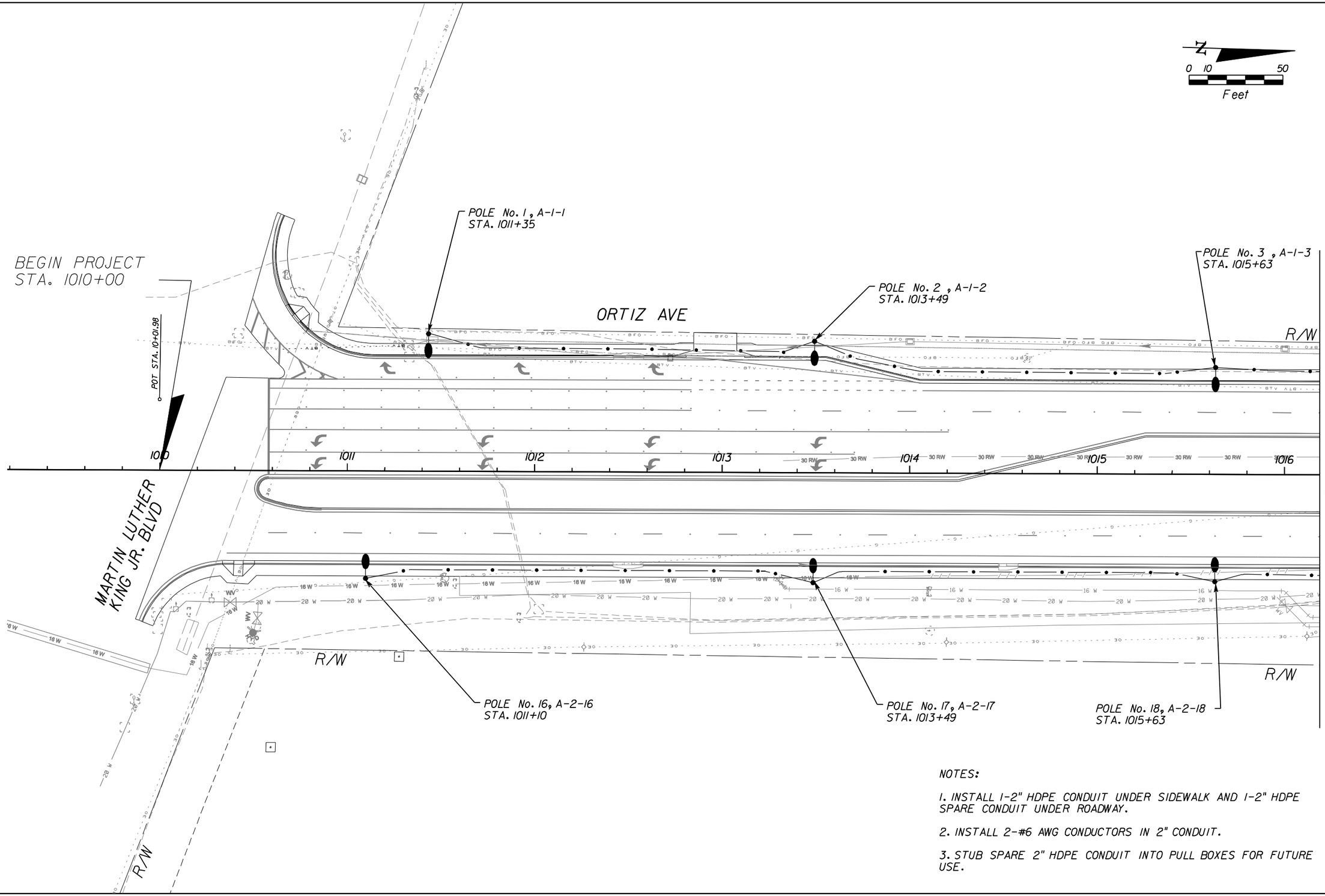
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# PROJECT LAYOUT

SHEET NO.
L-5

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |

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FLORIDA CERTIFICATE NO. 56377

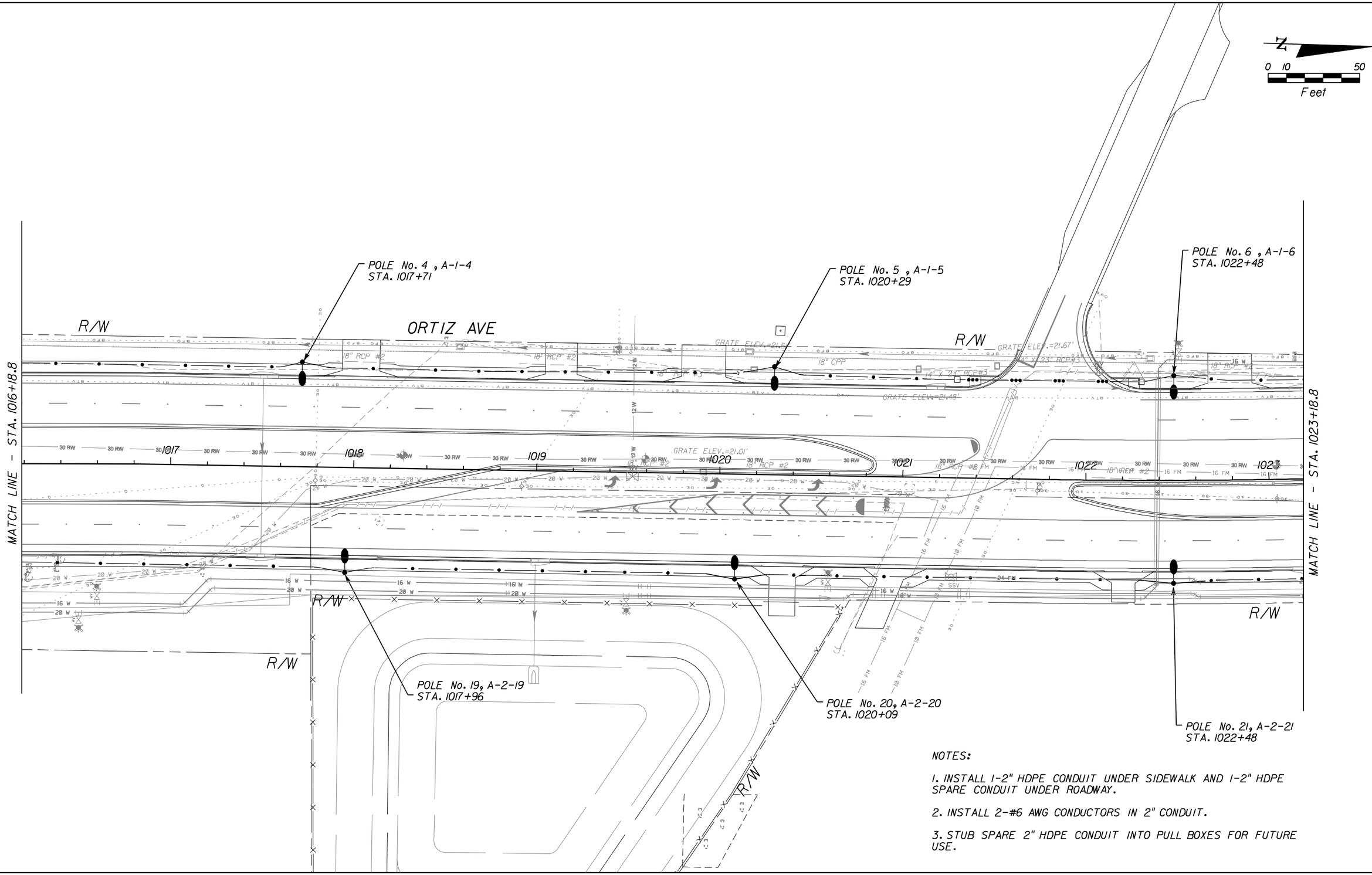
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DEPARTMENT of TRANSPORTATION
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# LIGHTING PLAN

SHEET NO.
L- 6

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

VANUS, INC.
4350 W. CYPRESS ST., SUITE 340
TAMPA, FL 33607
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FLORIDA CERTIFICATE NO. 56377

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FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
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pduong

# LIGHTING PLAN

SHEET NO.
L- 7

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0 10 50

Feet

POLE No. 7 , A-1-7
STA. 1024+81

POLE No. 8 , A-1-8
STA. 1027+14

POLE No. 9 , A-1-9
STA. 1029+47

ORTIZ AVE

R/W

MATCH LINE - STA. 1023+18.8

MATCH LINE - STA. 1030+20.8

HIGH COTTON LN

EASEMENT

POLE No. 22, A-2-22
STA. 1024+81

POLE No. 23, A-2-23
STA. 1027+14

POLE No. 24, A-2-24
STA. 1029+47

NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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4350 W. CYPRESS ST., SUITE 340
TAMPA, FL 33607
TELEPHONE: (813) 831-8870
CA NO.: 4266
WWW.VANUSINC.COM


APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377


PUBLIC WORKS
LEE COUNTY
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FLORIDA

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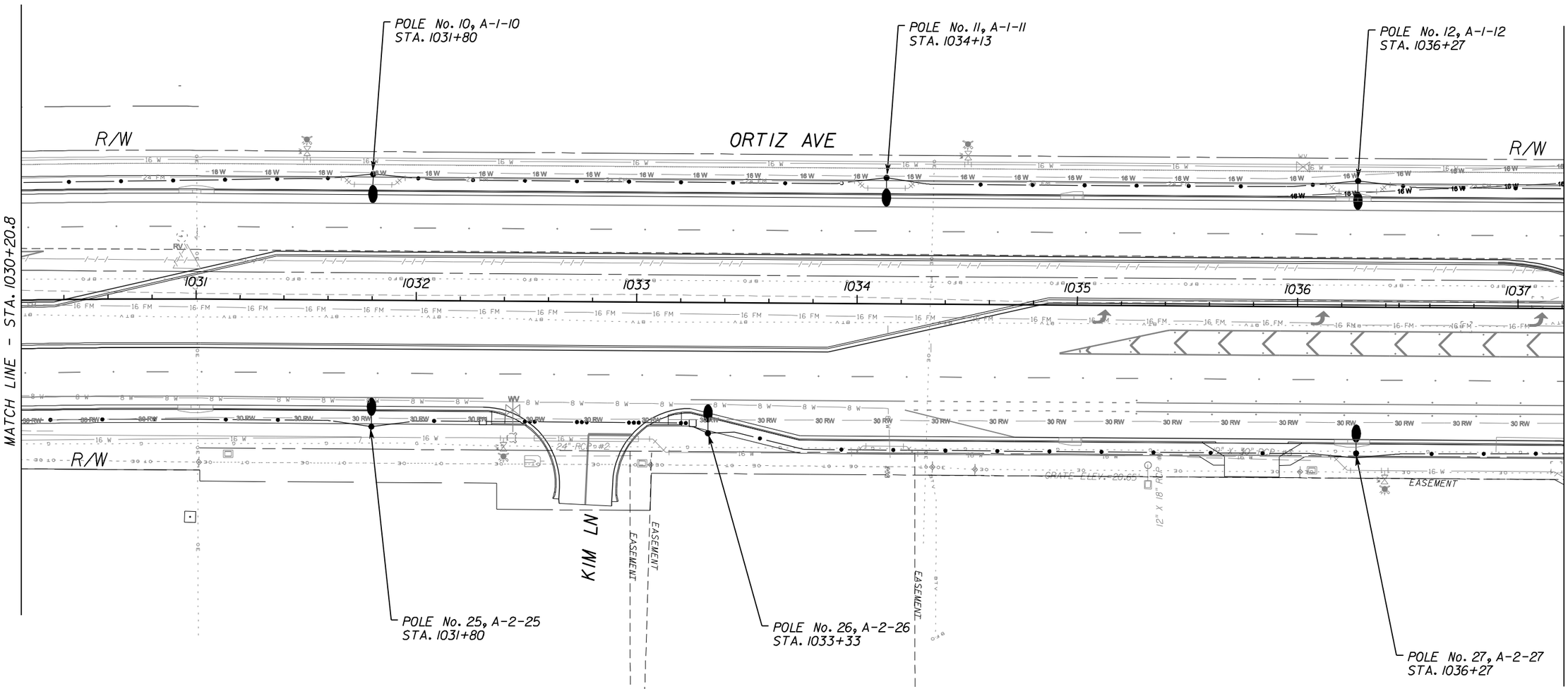
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# LIGHTING PLAN

SHEET NO.
L- 8

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
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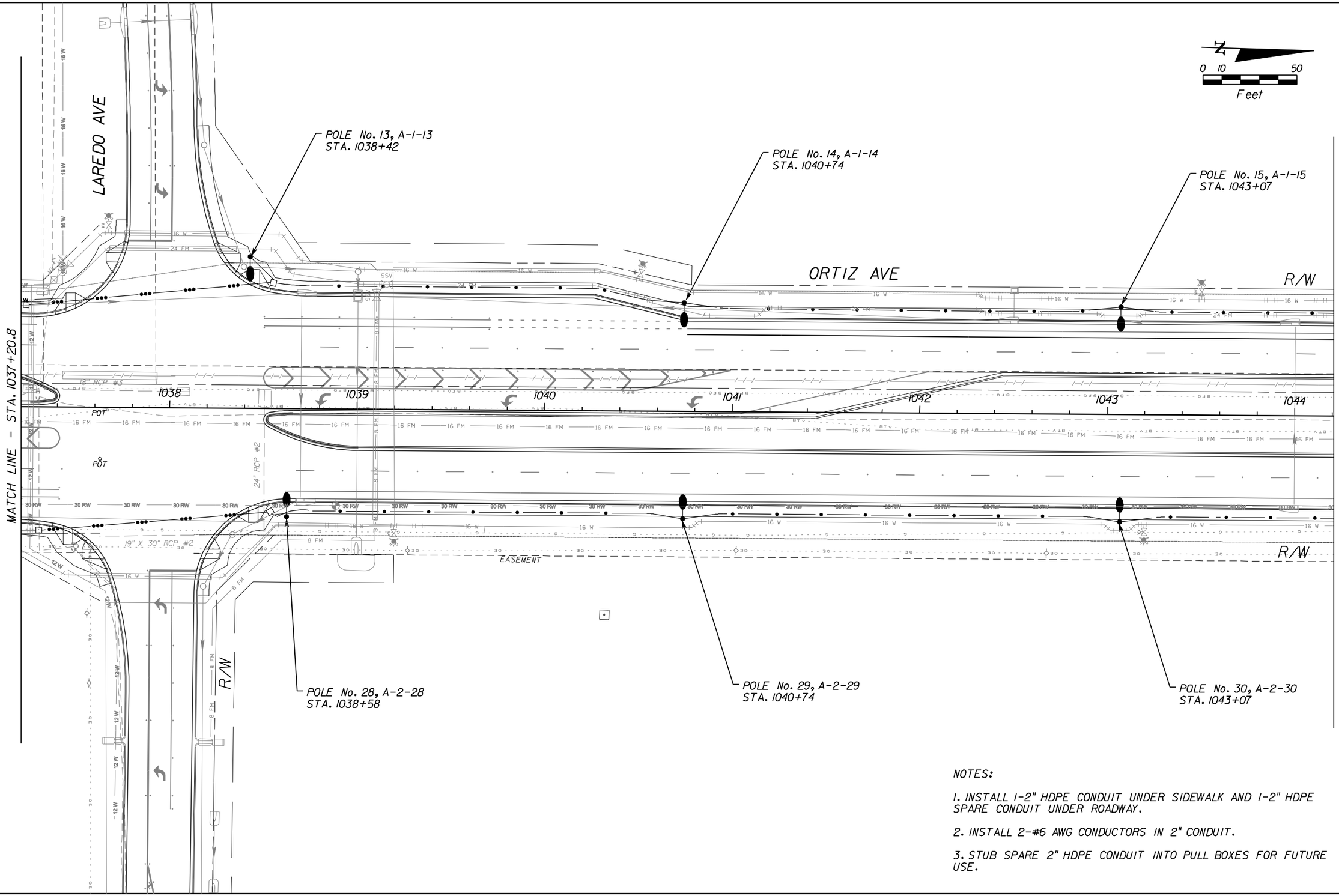
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# LIGHTING PLAN

SHEET NO.
L- 9

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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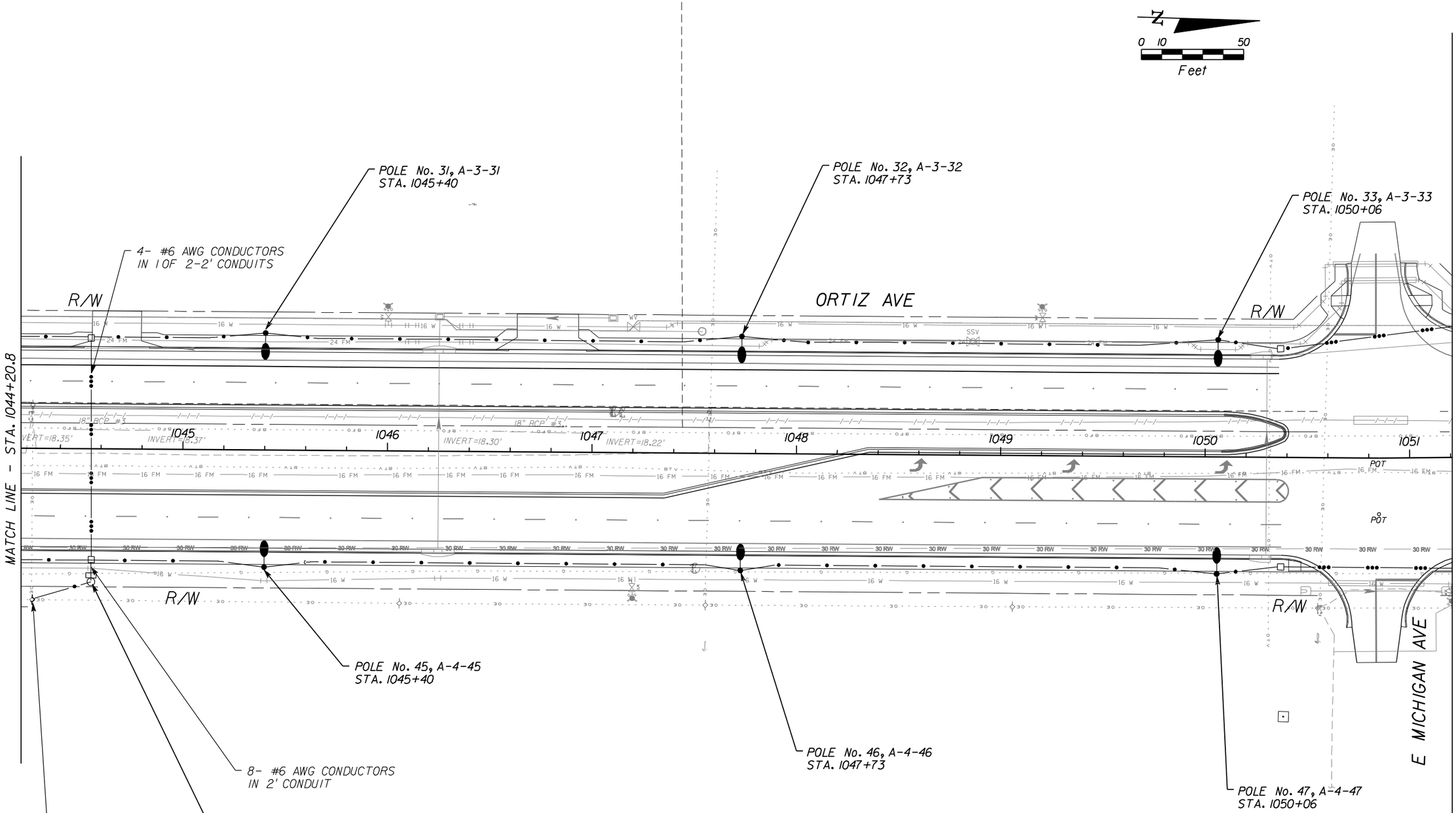
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# LIGHTING PLAN

SHEET NO.
L- 10

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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# LIGHTING PLAN

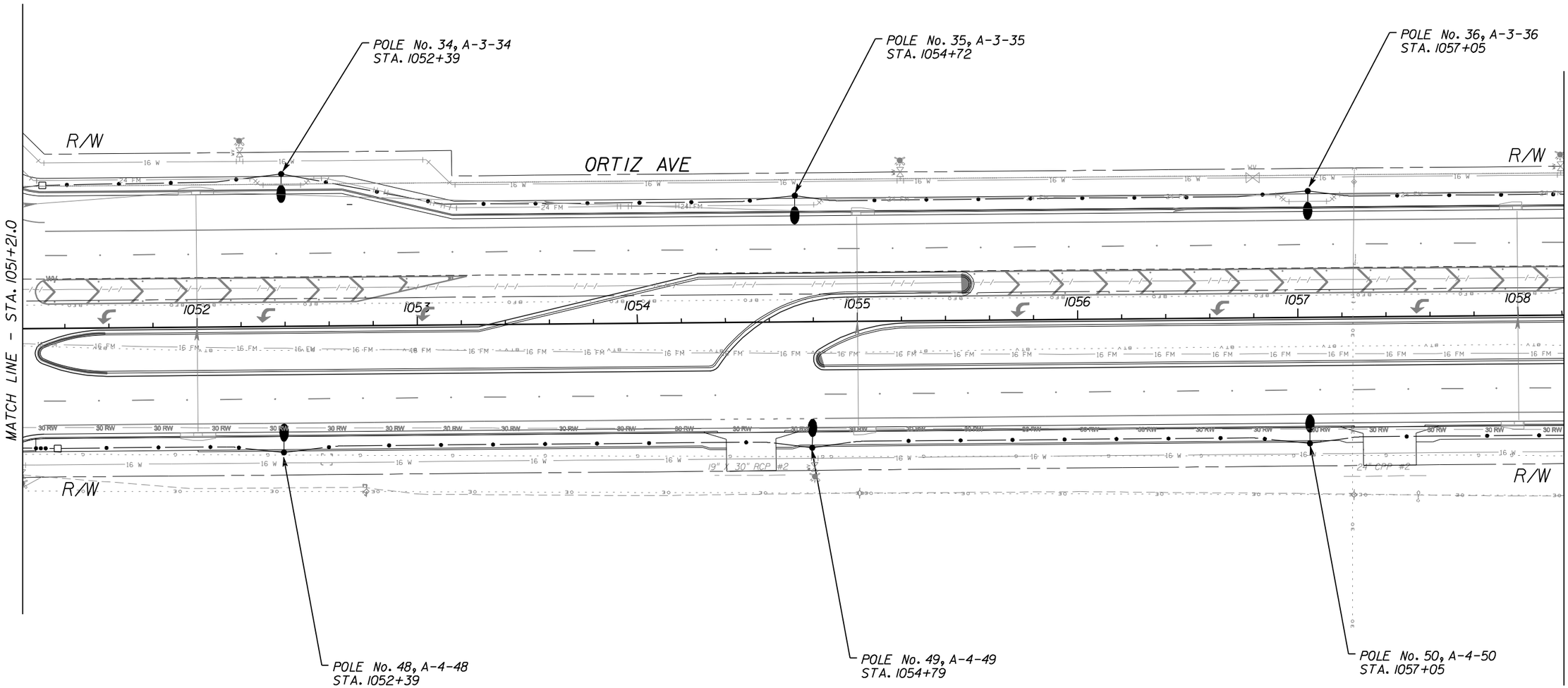
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L- 11

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N

0 10 50

Feet




NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

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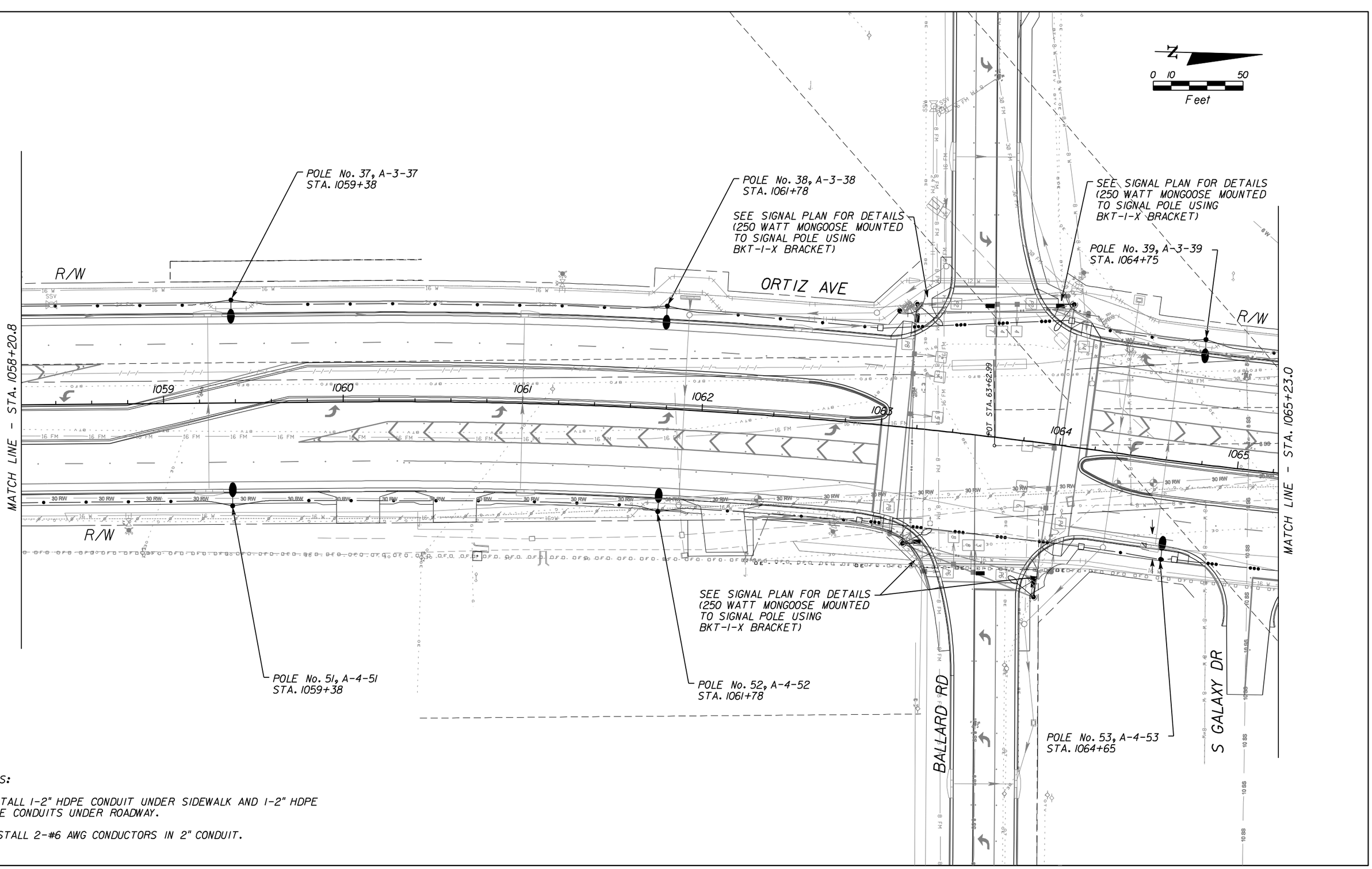
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# LIGHTING PLAN

SHEET NO. L- 12

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUITS UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# LIGHTING PLAN

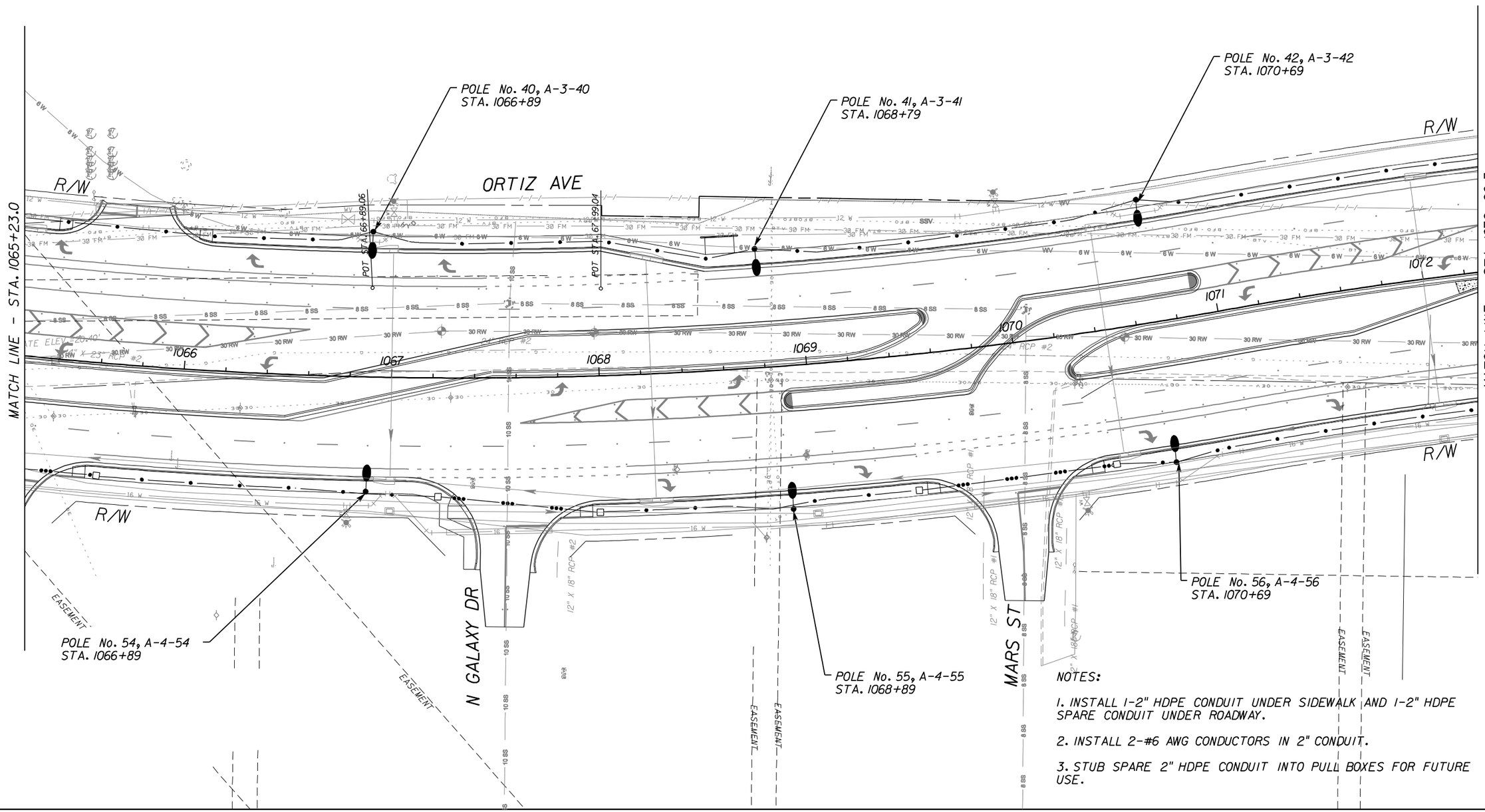
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L- 13


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N

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Feet




NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# LIGHTING PLAN

SHEET NO.
L- 14

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MATCH LINE - STA. 398+08

N

0 10 50
Feet

LUCKETT RD R/W

POLE No. 138, C-3-138
STA. 398+44

SEE SIGNAL PLAN FOR DETAILS
(250 WATT MONGOOSE MOUNTED
TO SIGNAL POLE USING
BKT-1-X BRACKET)

POLE No. 59, B-1-59
STA. 1078+11

SEE SIGNAL PLAN FOR DETAILS
(250 WATT MONGOOSE MOUNTED
TO SIGNAL POLE USING
BKT-1-X BRACKET)

POLE No. 44, A-3-44
STA. 1074+49

POLE No. 43, A-3-43
STA. 1072+59

ORTIZ AVE

R/W

MATCH LINE - STA. 1072+26.3

1073 1074 1075 1076 1077 1078 1079

6- #6 AWG CONDUCTORS
IN 2" CONDUIT

8" PVC

JUPITER RD

POLE No. 58, A-4-58
STA. 1074+49

FPL POWER POLE
(PROPOSED POINT
OF POWER SERVICE)

EASEMENT

POLE No. 57, A-4-57
STA. 1072+59

LOAD CENTER "C"
STA. 1075+00
480 VOLT, PHASE TO GROUND POWER SERVICE
SERVICE FEED: 2 - #2 AWG IN 2" CONDUIT
CIRCUIT C-1: 2-POLE, 15 AMP BRANCH CIRCUIT BREAKER
CIRCUIT C-2: 2-POLE, 15 AMP BRANCH CIRCUIT BREAKER
CIRCUIT C-3: 2-POLE, 15 AMP BRANCH CIRCUIT BREAKER
2-POLE, 40 AMP MAIN CIRCUIT BREAKER
PHOTO ELECTRIC IS REQUIRED

SEE SIGNAL PLAN FOR DETAILS
(250 WATT MONGOOSE MOUNTED
TO SIGNAL POLE USING
BKT-1-X BRACKET)

SEE SIGNAL PLAN FOR DETAILS
(250 WATT MONGOOSE MOUNTED
TO SIGNAL POLE USING
BKT-1-X BRACKET)

POLE No. 74, B-2-74
STA. 1077+86

POLE No. 119, C-1-119
STA. 401+60

EASEMENT

EASEMENT

R/W

MATCH LINE - STA. 402+59

MATCH LINE - STA. 1079+27.2

NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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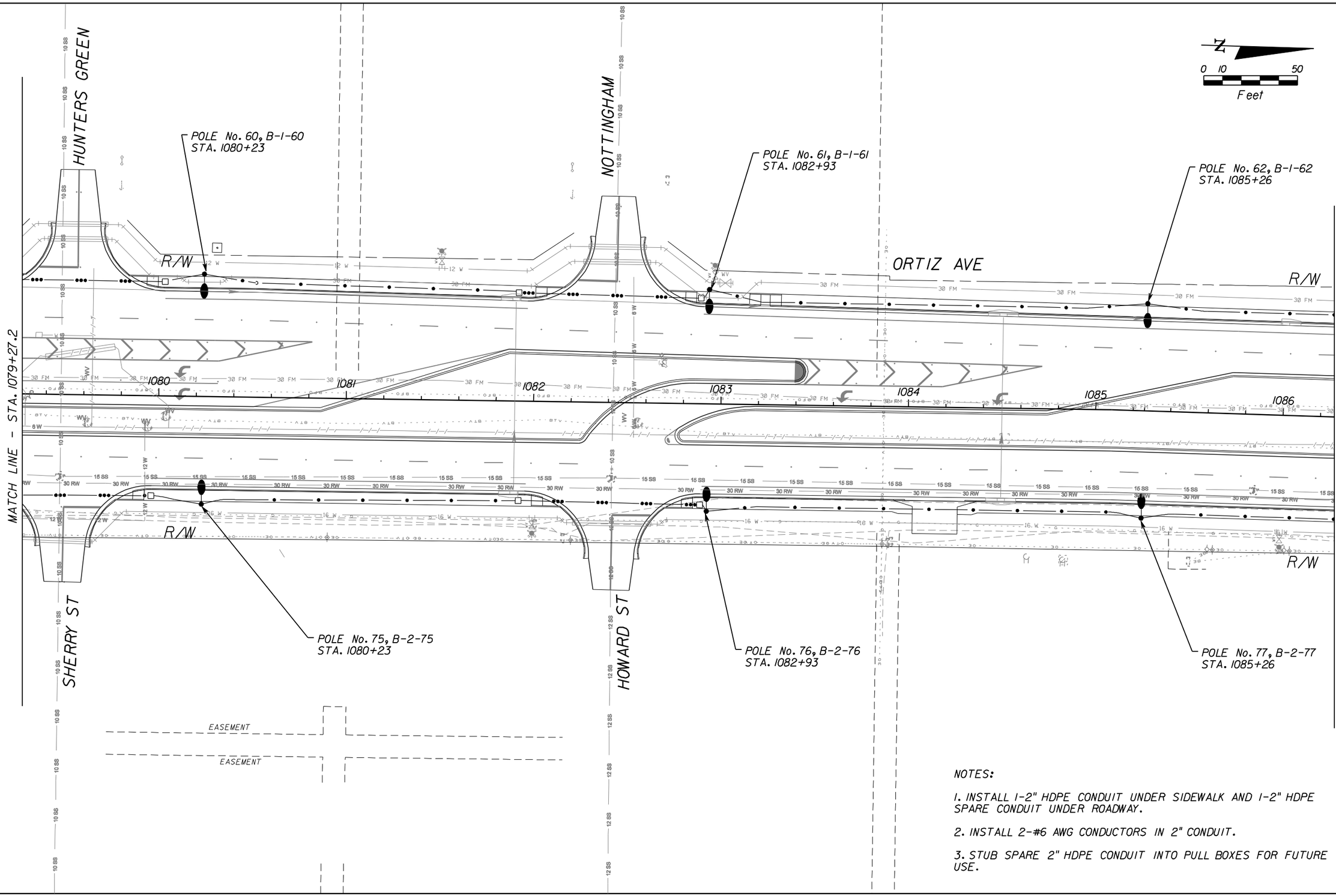
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# LIGHTING PLAN

SHEET NO.
L-15

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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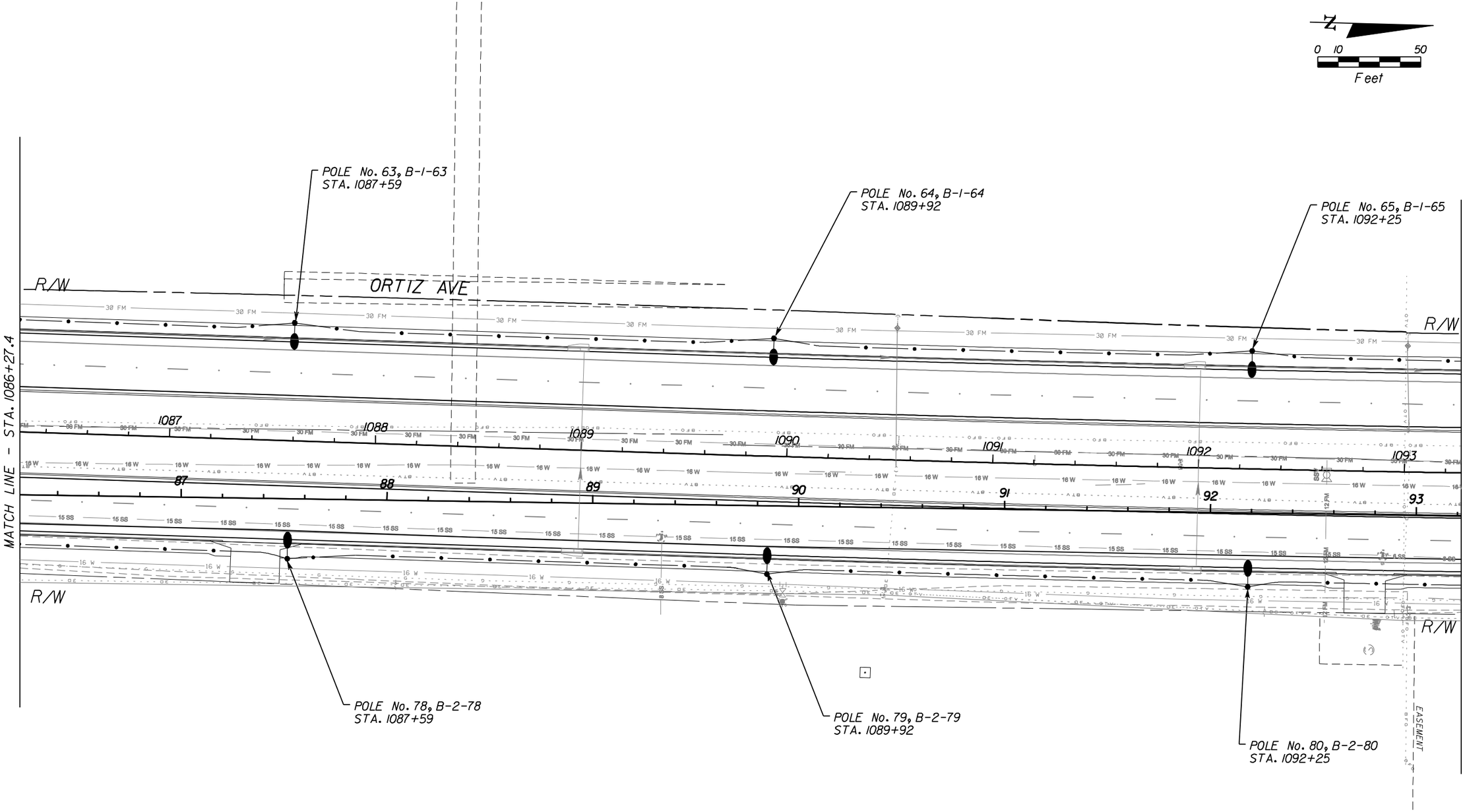
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# LIGHTING PLAN

SHEET NO.
L- 16

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# LIGHTING PLAN

SHEET NO.
L- 17

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N

0 10 50

Feet

POLE No. 66, B-1-66
STA. 1094+25

POLE No. 67, B-1-67
STA. 1096+58

POLE No. 68, B-1-68
STA. 1098+91

R/W

ORTIZ AVE

R/W

MATCH LINE - STA. 1093+27.5

MATCH LINE - STA. 1100+27.7

1094 1095 1096 1097 1098 1099 1100

94 95 96 97 98 99 100

POT

R/W

BILLY'S CREEK DR

EASEMENT

EASEMENT

GARY DR

EASEMENT

R/W

POLE No. 81, B-2-81
STA. 1094+25

POLE No. 82, B-2-82
STA. 1096+58

POLE No. 83, B-2-83
STA. 1098+91

NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# LIGHTING PLAN

SHEET NO.
L- 18

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

N

0 10 50

Feet

POLE No. 69, B-1-69
STA. 1100+81

POLE No. 70, B-1-70
STA. 1103+14

POLE No. 71, B-1-71
STA. 1105+56

ORTIZ AVE

R/W

ZANA DR

R/W

MATCH LINE - STA. 1100+27.7

MATCH LINE - STA. 1107+27.7

101 102 103 104 105 106 107

POLE No. 84, B-2-84
STA. 1100+75

BILLYS CREEK DR

R/W

EASEMENT

POLE No. 85, B-2-85
STA. 1103+14

EASEMENT

EASEMENT

POLE No. 86, B-2-86
STA. 1105+47

R/W

PC

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# LIGHTING PLAN

SHEET NO.
L- 19

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

N

0 10 50

Feet

POLE No. 72, B-1-72
STA. 1107+69

POLE No. 73, B-1-73
STA. 1110+10

4- #6 AWG CONDUCTORS
IN 1 OF 2-2' CONDUITS

POLE No. 89, B-3-89
STA. 1112+35

ORTIZ AVE

R/W

R/W

MATCH LINE - STA. 1107+27.7

MATCH LINE - STA. 1114+27.8

POLE No. 87, B-2-87
STA. 1107+69

POLE No. 88, B-2-88
STA. 1110+02

DEAN ST

EASEMENT

EASEMENT

FPL POWER POLE
(PROPOSED POINT
OF POWER SERVICE)

8- #6 AWG CONDUCTORS
IN 2' CONDUIT

POLE No. 104, B-4-104
STA. 1112+15

LOAD CENTER "B"
STA. 1111+55
480 VOLT, PHASE TO GROUND POWER SERVICE
SERVICE FEED 2 - #2 AWG IN 2" CONDUIT
CIRCUIT B-1: 2-POLE, 30 AMP BRANCH CIRCUIT BREAKER
CIRCUIT B-2: 2-POLE, 30 AMP BRANCH CIRCUIT BREAKER
CIRCUIT B-3: 2-POLE, 30 AMP BRANCH CIRCUIT BREAKER
CIRCUIT B-4: 2-POLE, 30 AMP BRANCH CIRCUIT BREAKER
2-POLE, 100 AMP MAIN CIRCUIT BREAKER
PHOTO ELECTRIC IS REQUIRED

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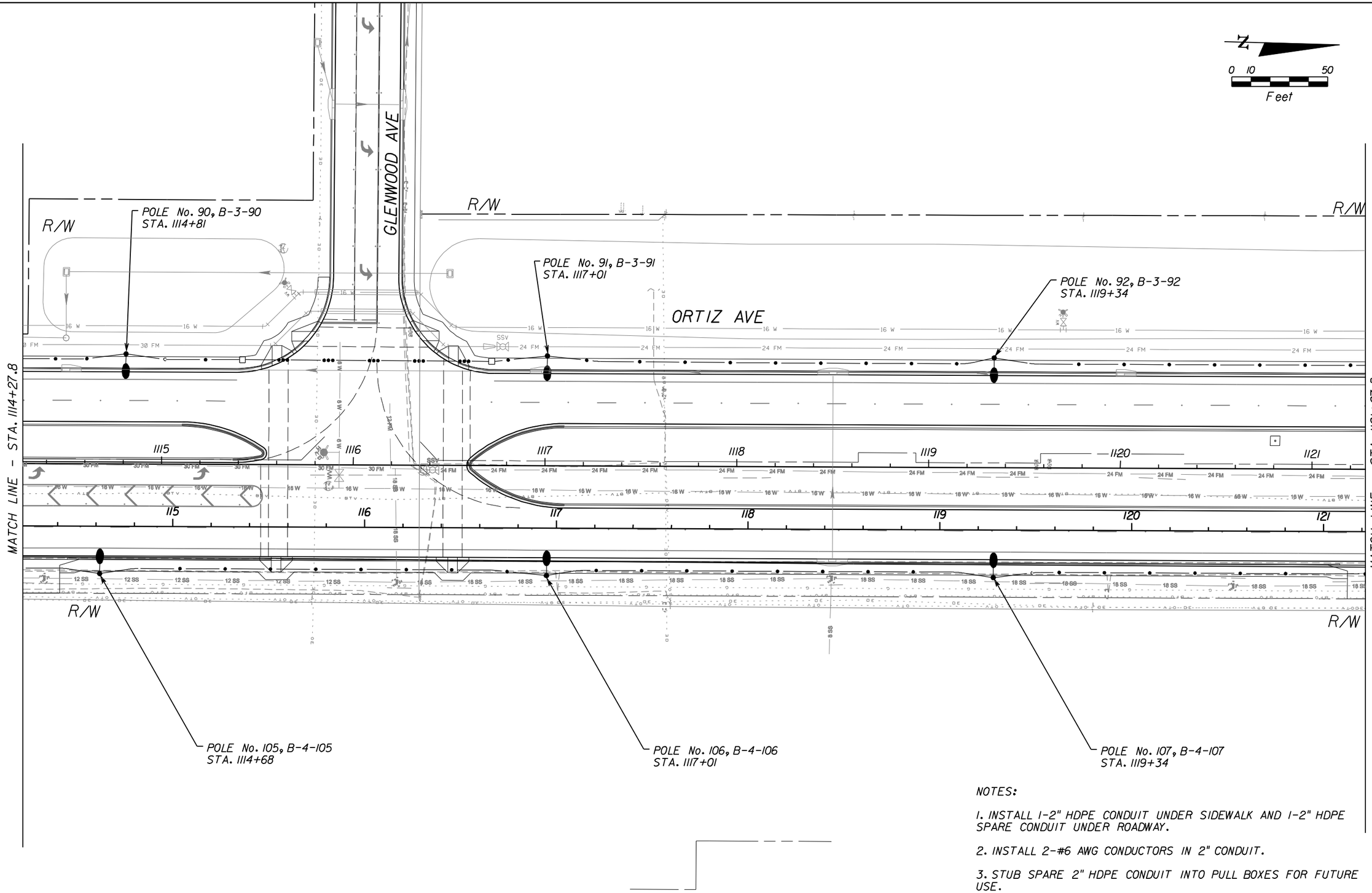

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# LIGHTING PLAN

SHEET NO.
L- 20

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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# LIGHTING PLAN

SHEET NO.
L- 21

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0 10 50

Feet

R/W

R/W

POLE No. 96, B-3-96
STA. 1127+62

POLE No. 93, B-3-93
STA. 1121+67

POLE No. 94, B-3-94
STA. 1123+82

POLE No. 95, B-3-95
STA. 1125+72

ORTIZ AVE

MATCH LINE - STA. 1121+27.8

MATCH LINE - STA. 1127+84.7

PC STA. 1124+60.52

1122 1123 1124 1125 1126 1127

122 123 124 125 126 127

STEWARD DR

EASEMENT

EASEMENT

EASEMENT

POLE No. 108, B-4-108
STA. 1121+67

POLE No. 109, B-4-109
STA. 1123+79

POLE No. 110, B-4-110
STA. 1125+44

POLE No. 111, B-4-111
STA. 1127+62

NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

VANUS, INC.
4350 W. CYPRESS ST., SUITE 340
TAMPA, FL 33607
TELEPHONE: (813) 831-8870
CA NO.: 4266
WWW.VANUSINC.COM

APPROVED BY:
ROBERT W. SKAGGS, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 56377

PUBLIC WORKS
LEE COUNTY
SOUTHWEST
FLORIDA
DEPARTMENT
of
TRANSPORTATION
1500 MONROE STREET FORT MYERS, FLORIDA 33901
(239) 479-8900 www.lee-county.com/publicworks/dottitle.htm

pduong

# LIGHTING PLAN

SHEET NO.
L- 22

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

0 10 50
Feet

MATCH LINE - STA. 1127+84.7

MATCH LINE - STA. 1134+24.1

ORTIZ AVE

TICE ST

R/W

SEE SIGNAL PLAN FOR DETAILS (250 WATT MONGOOSE MOUNTED TO SIGNAL POLE USING BKT-1-X BRACKET)

POLE No. 97, B-3-97
STA. 1131+63

POLE No. 98, B-3-98
STA. 1133+69

POLE No. 112, B-4-112
STA. 1131+30

POLE No. 113, B-4-113
STA. 1133+85

PI STA. 130+35.20

EASEMENT

128 129 130 131 132 133 134

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SOUTHWEST
FLORIDA
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# LIGHTING PLAN

SHEET NO.
L- 23

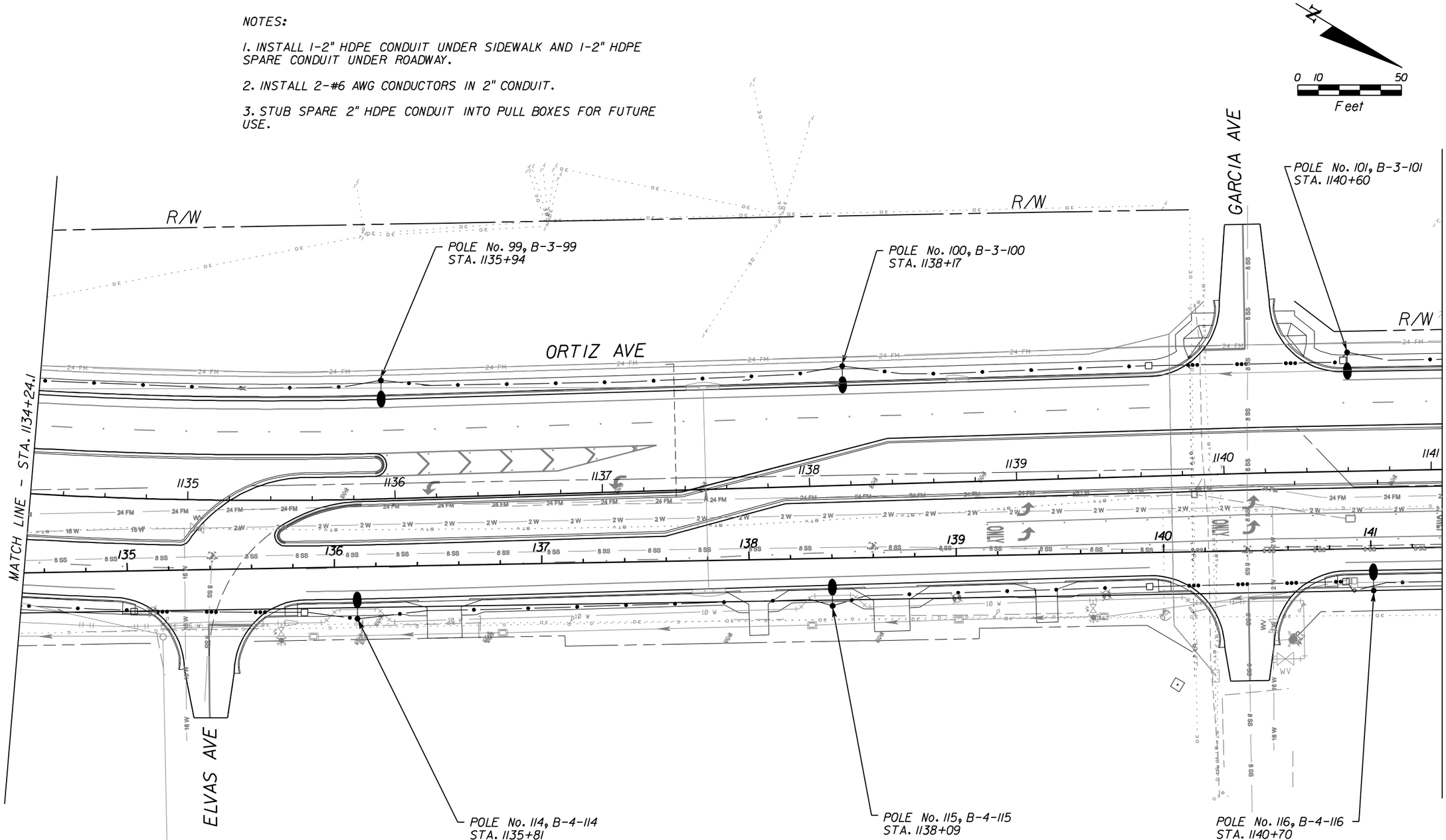
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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.




| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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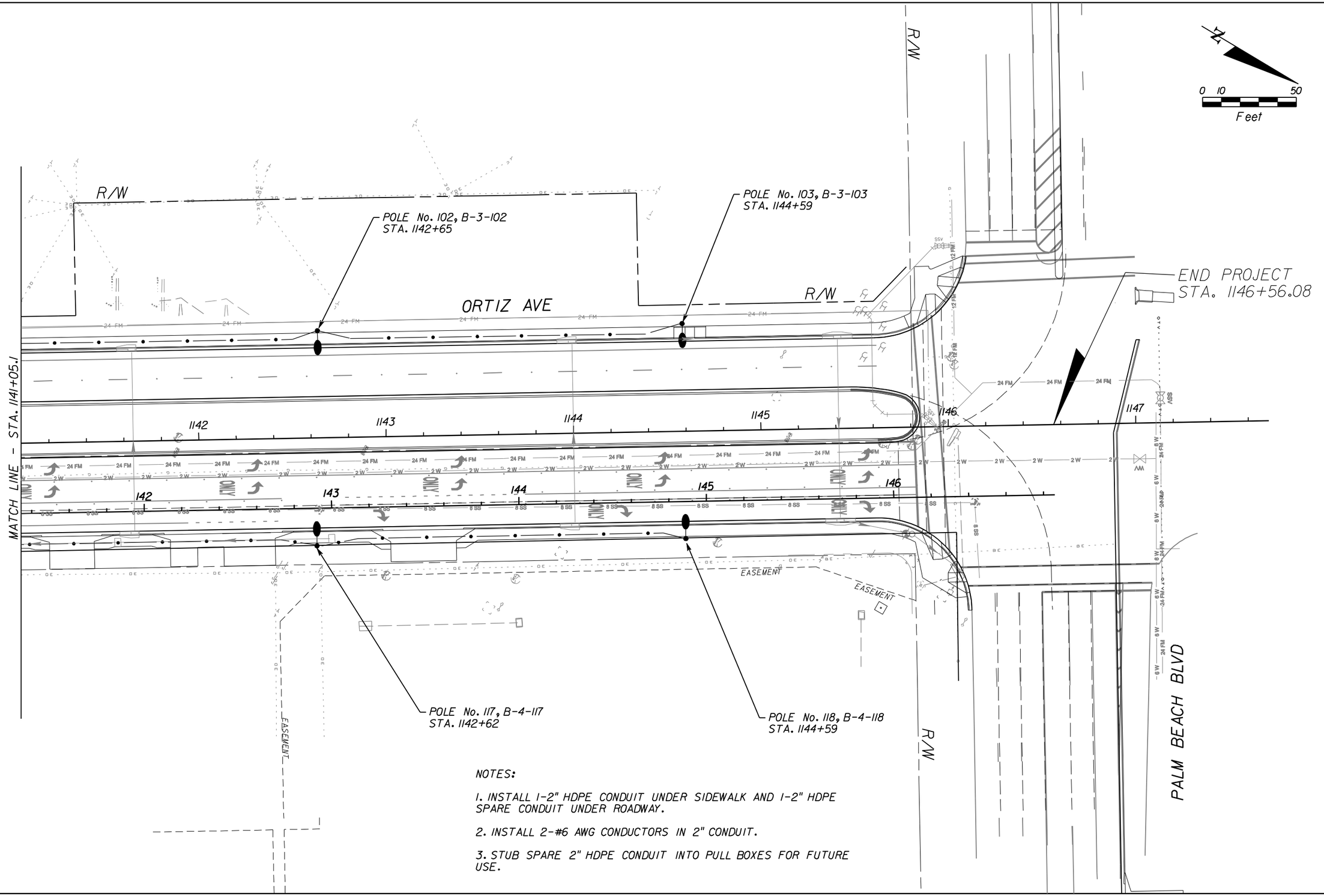
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# LIGHTING PLAN

SHEET NO.
L- 24

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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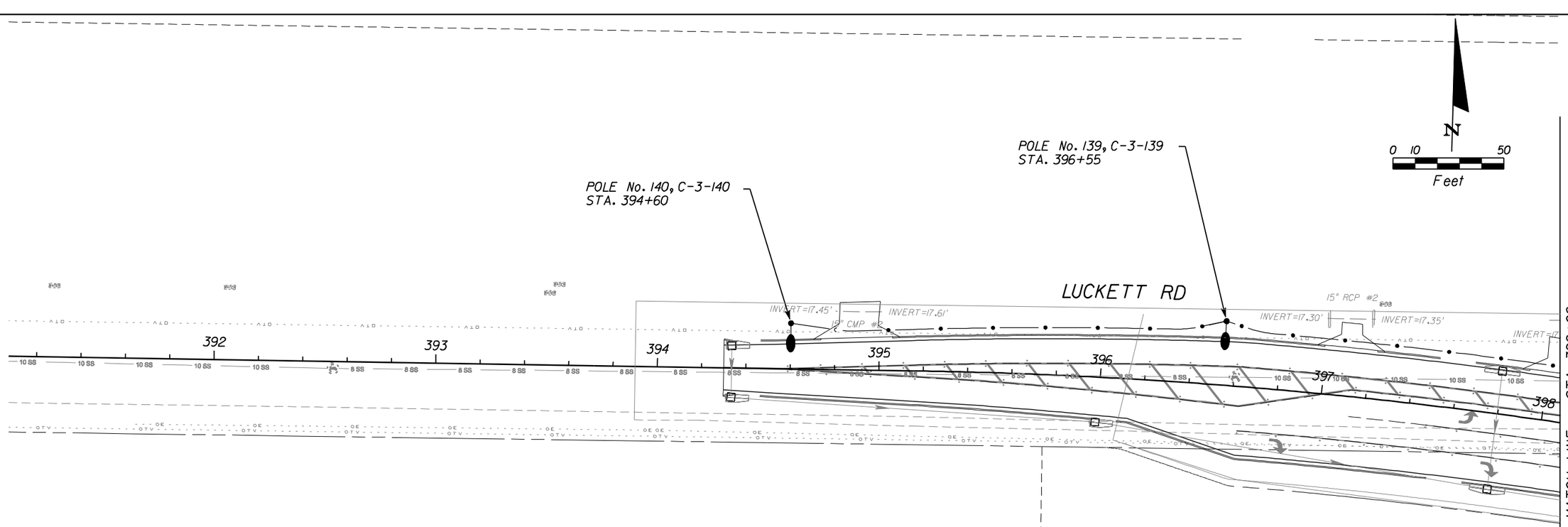
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# LIGHTING PLAN

SHEET NO.
L- 25

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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# LIGHTING PLAN

SHEET NO. L-26

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EASEMENT

EASEMENT

N

0 10 50

Feet

POLE No. 129, C-2-129
STA. 403+00

POLE No. 130, C-2-130
STA. 405+60

POLE No. 131, C-2-131
STA. 408+40

R/W

LUCKETT RD

MATCH LINE - STA. 402+59

MATCH LINE - STA. 409+60

403 404 405 406 407 408 409

R/W

EASEMENT

R/W

EASEMENT

POLE No. 120, C-1-120
STA. 404+30

POLE No. 121, C-1-121
STA. 407+00

NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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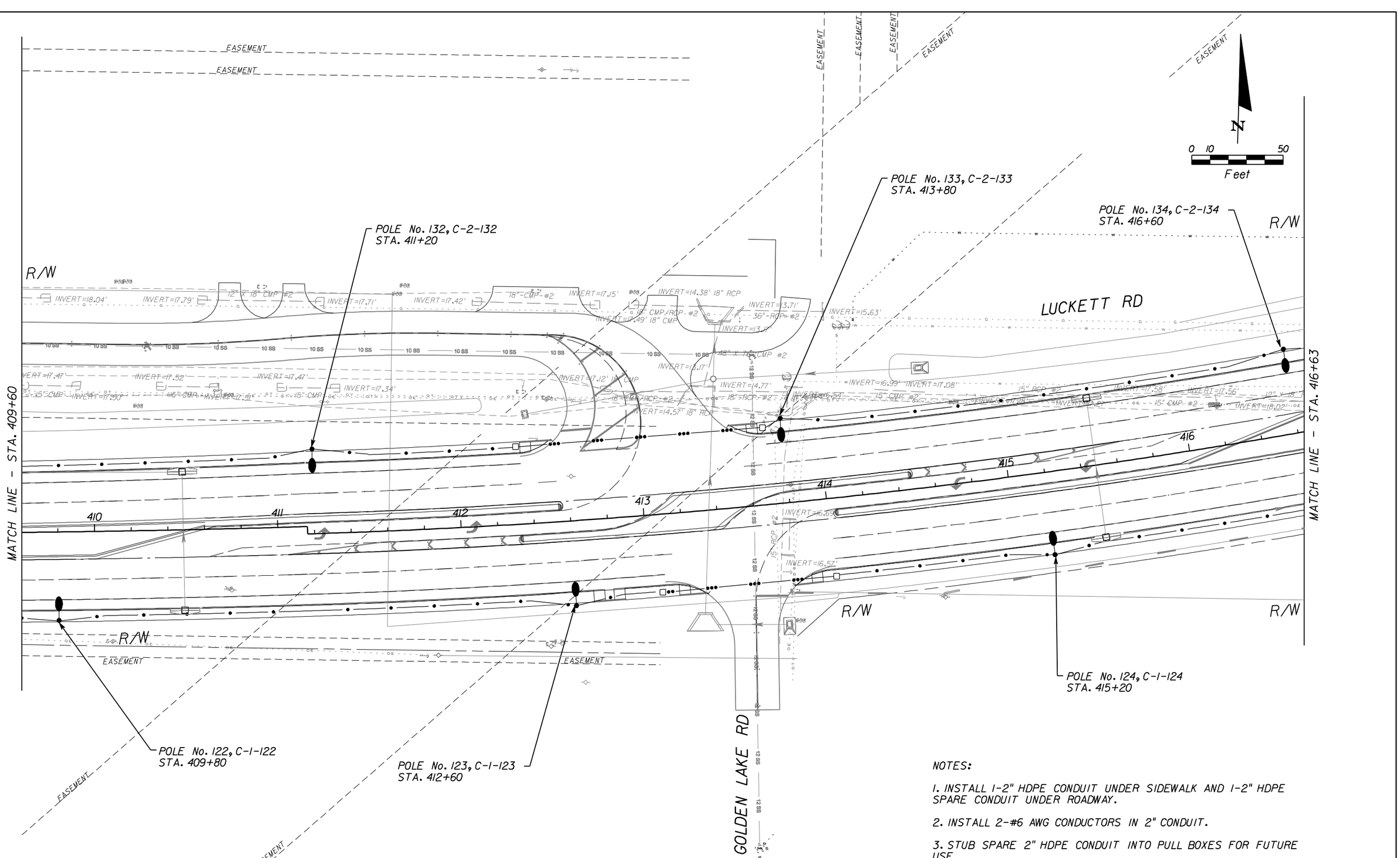
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# LIGHTING PLAN

SHEET NO.
L-27

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |

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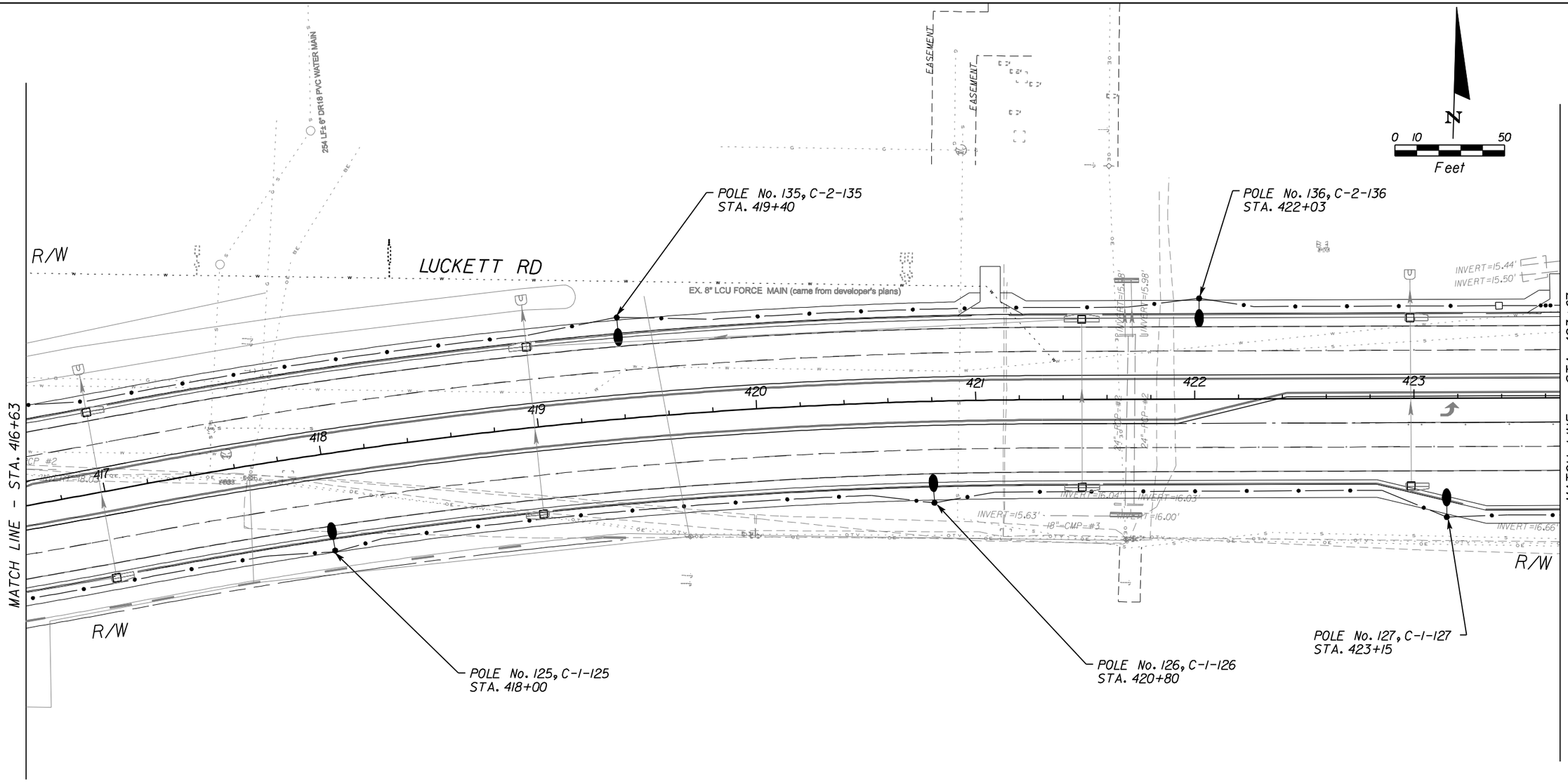
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# LIGHTING PLAN

SHEET NO.
L-28

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NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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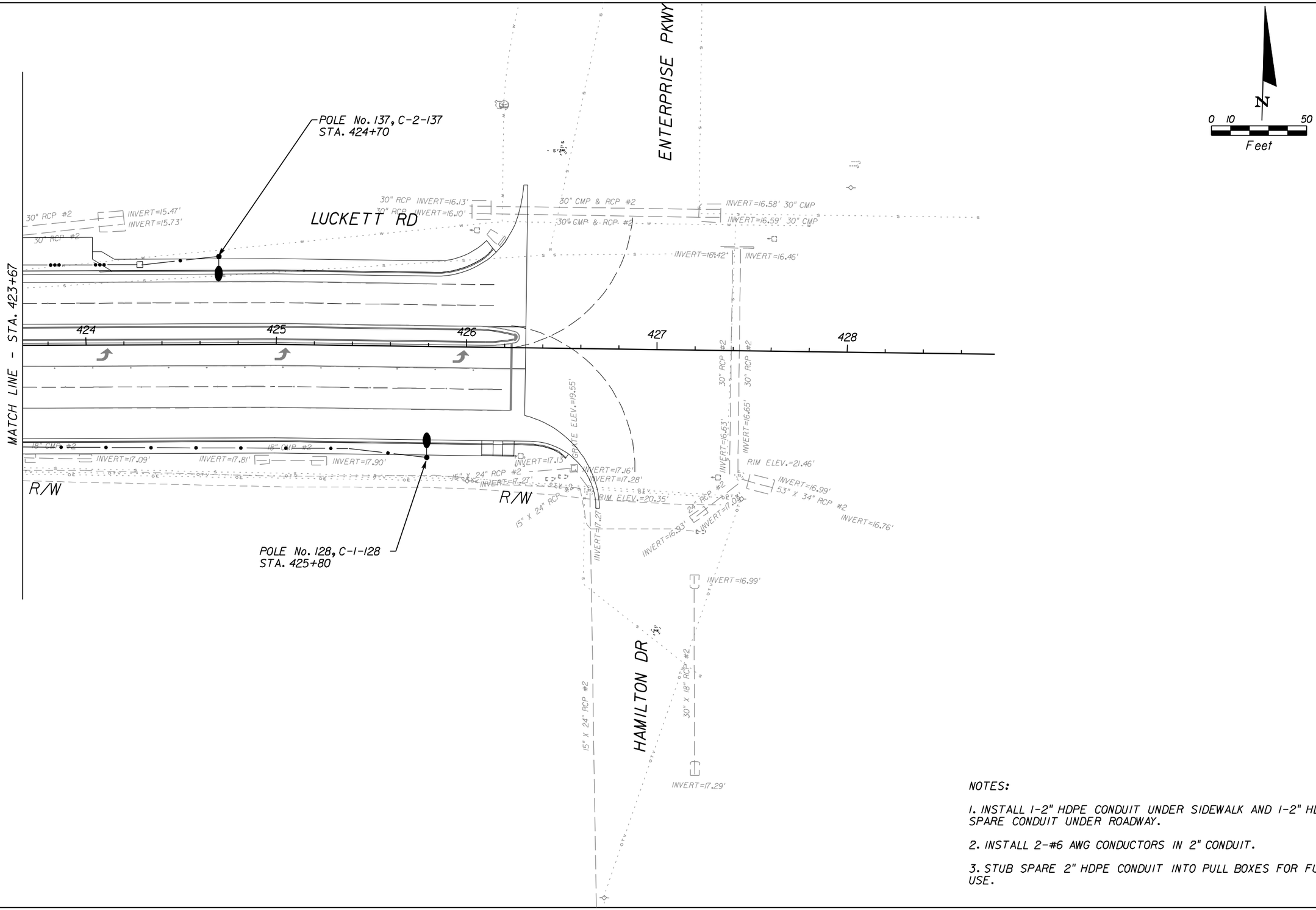
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# LIGHTING PLAN

SHEET NO.
L-29




NOTES:

1. INSTALL 1-2" HDPE CONDUIT UNDER SIDEWALK AND 1-2" HDPE SPARE CONDUIT UNDER ROADWAY.

2. INSTALL 2-#6 AWG CONDUCTORS IN 2" CONDUIT.

3. STUB SPARE 2" HDPE CONDUIT INTO PULL BOXES FOR FUTURE USE.

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
|---|---|---|---|
| | | | |


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# LIGHTING PLAN

SHEET NO.
L-30

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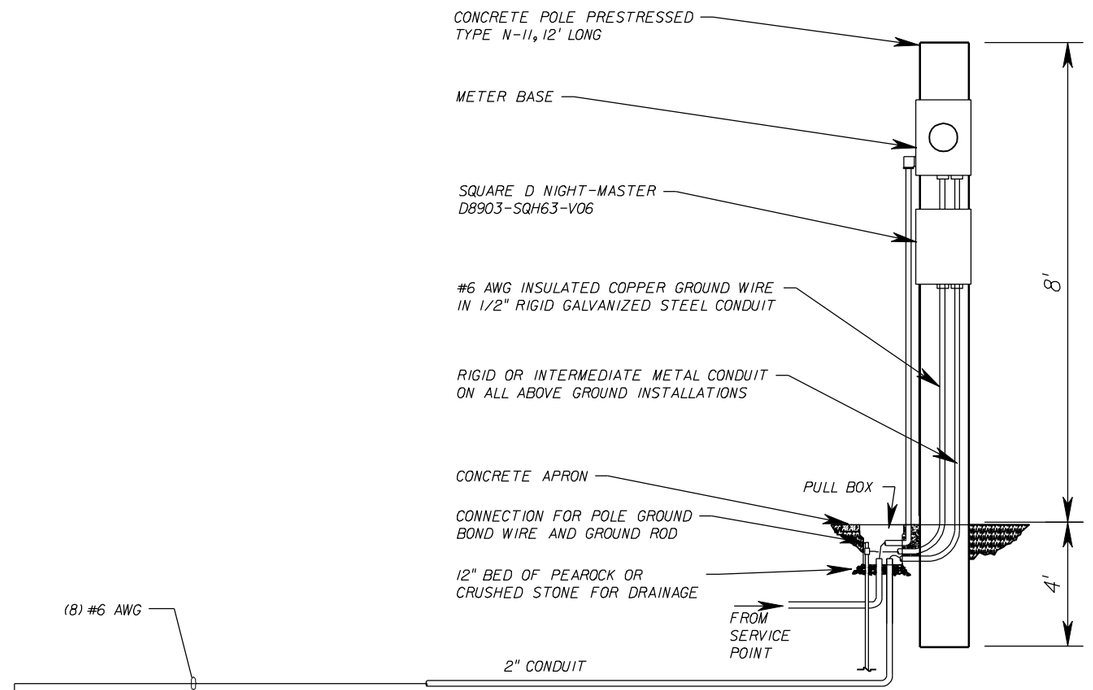
## SERVICE SPECIFICATION

1. BUSBAR TO BE COPPER COATED AND HAVE A MINIMUM RATING OF 100 AMPS. WHEN MAIN DISCONNECT EXCEEDS 100 AMPS BUSBAR TO MATCH DISCONNECT AMPERAGE.

2. THE ENCLOSURE TO BE RIGIDLY ATTACHED TO THE POLE FACE.

3. A 600 VOLT LIGHTNING PROTECTOR SHALL BE WIRED INSIDE THE NIGHT MASTER ENCLOSURE.

4. ALL SERVICE EQUIPMENT SHALL BE UL APPROVED.




## UNDERGROUND FEED

## FLORIDA POWER AND LIGHT (FPL) POWER SERVICE

## SERVICE POINT "A" (ORTIZ AVE.)

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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SOUTHWEST FLORIDA
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**ELECTRICAL SERVICE DETAILS**
**ORTIZ AVE.**

SHEET NO.
L- 31

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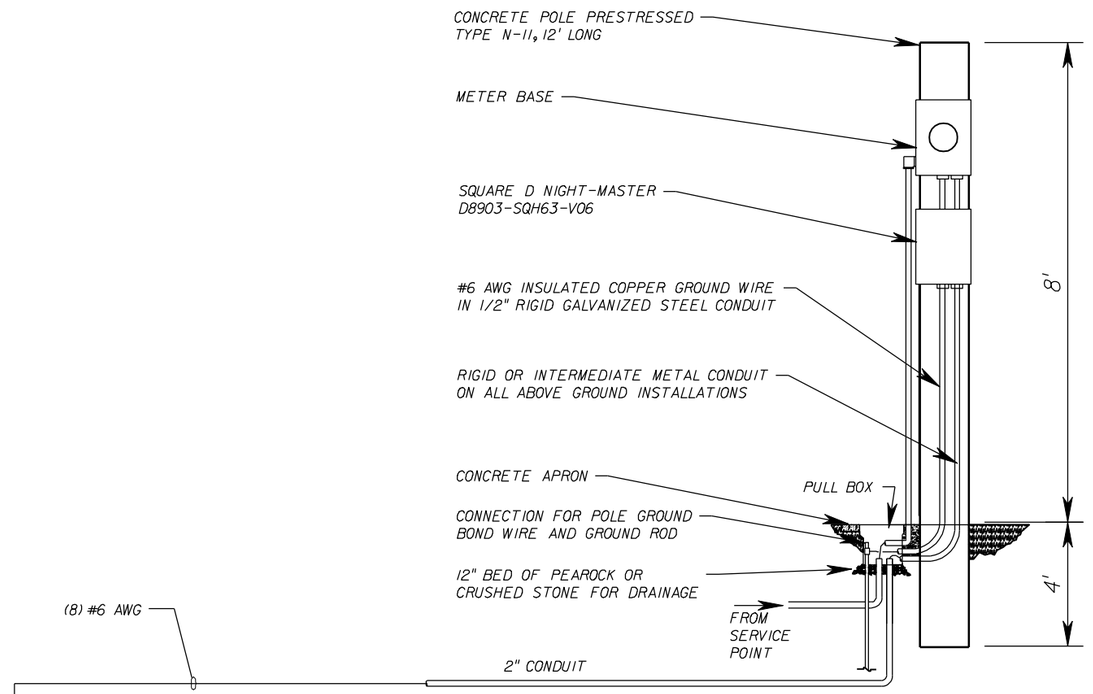
# SERVICE SPECIFICATION

1. BUSBAR TO BE COPPER COATED AND HAVE A MINIMUM RATING OF 100 AMPS. WHEN MAIN DISCONNECT EXCEEDS 100 AMPS BUSBAR TO MATCH DISCONNECT AMPERAGE.

2. THE ENCLOSURE TO BE RIGIDLY ATTACHED TO THE POLE FACE.

3. A 600 VOLT LIGHTNING PROTECTOR SHALL BE WIRED INSIDE THE NIGHT MASTER ENCLOSURE.

4. ALL SERVICE EQUIPMENT SHALL BE UL APPROVED.




## UNDERGROUND FEED

## FLORIDA POWER AND LIGHT (FPL) POWER SERVICE

## SERVICE POINT "B" ( ORTIZ AVE. )

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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| | | | |


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**ELECTRICAL SERVICE DETAILS**
**ORTIZ AVE.**

SHEET NO.
L- 32

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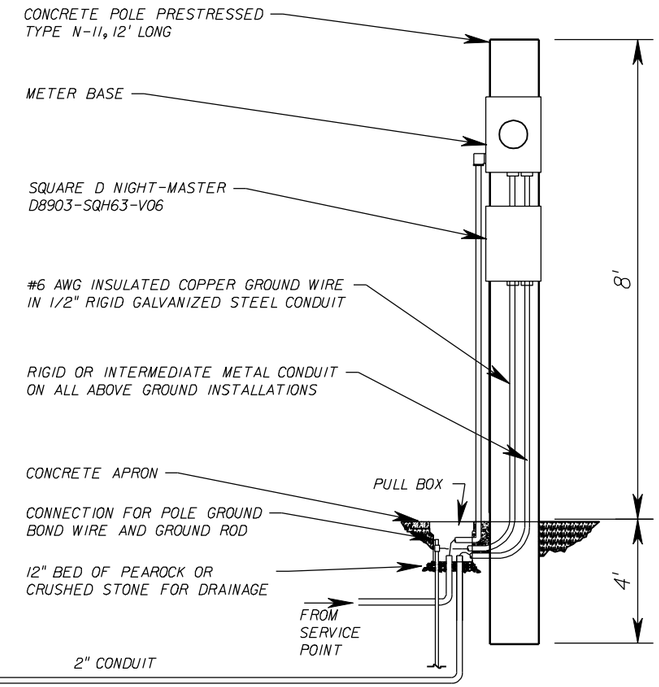
## SERVICE SPECIFICATION

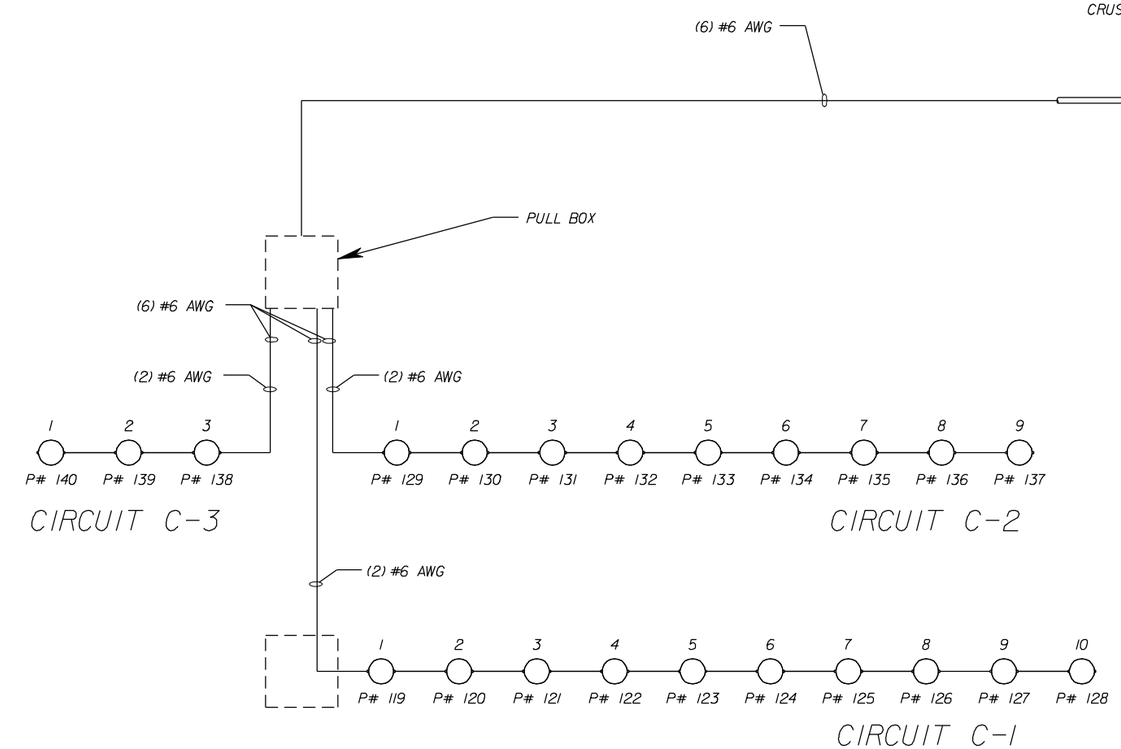
1. BUSBAR TO BE COPPER COATED AND HAVE A MINIMUM RATING OF 100 AMPS. WHEN MAIN DISCONNECT EXCEEDS 100 AMPS BUSBAR TO MATCH DISCONNECT AMPERAGE.

2. THE ENCLOSURE TO BE RIGIDLY ATTACHED TO THE POLE FACE.

3. A 600 VOLT LIGHTNING PROTECTOR SHALL BE WIRED INSIDE THE NIGHT MASTER ENCLOSURE.

4. ALL SERVICE EQUIPMENT SHALL BE UL APPROVED.




# UNDERGROUND FEED

## FLORIDA POWER AND LIGHT (FPL) POWER SERVICE

## SERVICE POINT "C" ( LUCKETT RD. )

| NO. | DATE | BY | REVISIONS - DESCRIPTION |
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**ELECTRICAL SERVICE DETAILS**
**ORTIZ AVE.**

SHEET NO.
L- 33


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