

FELLSMERE WATER CONTROL DISTRICT CULVERT INVENTORY

INDIAN RIVER COUNTY, FLORIDA

SURVEYOR'S NOTES/REPORT:

- UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- BEARINGS AND OR COORDINATES SHOWN HEREON ARE BASED UPON THE NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 2011, AND ARE PROJECTED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE (901) AND ARE REFERENCED TO THE ESTABLISHED AND MONUMENTED LINE SHOWN HEREON LABELED AS THE BEARING BASIS.
- THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF. SAID ELEVATIONS SHOWN ARE BASED ON A CLOSED DIFFERENTIAL LEVEL LOOP MEETING OR EXCEEDING 4+10.05 TIMES THE SQUARE ROOT OF THE DISTANCE OF THE LOOP IN MILES.
- THIS IS NOT A BOUNDARY SURVEY. THIS IS A TOPOGRAPHIC SURVEY OF THE NORTHERN PORTION OF THE FELLSMERE WATER CONTROL DISTRICT SHOWING CULVERT LOCATIONS/INVERTS, LATERALS AND SUB-LATERAL FLOW LINES ONLY (SEE PROJECT AREA - COVER SHEET). ADDITIONAL IMPROVEMENTS EXIST THROUGHOUT THE PROJECT AREA THAT WERE NOT LOCATED. ALL OTHER DATA SHOWN HEREON IS FOR INFORMATIONAL PURPOSES ONLY.
- LANDS SHOWN HEREON WERE NOT ABSTRACTED OR RESEARCHED BY THIS OFFICE FOR RIGHTS-OF-WAY, EASEMENTS OF RECORD, RESERVATIONS, OWNERSHIP, ABANDONMENT'S, DEED RESTRICTIONS, ZONING REGULATIONS OR SETBACK LINES, LAND USE PLAN DESIGNATION, ADJOINING DEEDS OR MURPHY ACT DEEDS.
- THIS SURVEY DOES NOT INTEND TO DELINEATE WETLANDS, LOCAL AREAS OF CONCERN OR ANY OTHER JURISDICTIONAL DETERMINATION. THIS SURVEY DOES NOT INTEND TO REFLECT OR DETERMINE OWNERSHIP.
- NO FOUNDATIONS, UNDERGROUND INSTALLATIONS OR OTHER IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN. WITH EXCEPTION TO WHAT HAS BEEN FIELD LOCATED AND SHOWN ON THIS SURVEY, THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN HEREON, IF ANY, COMPREHEND ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. SUBSURFACE AND/OR AERIAL ENCROACHMENTS, IF ANY, WERE NOT LOCATED AND/OR DEPICTED ON THIS SURVEY UNLESS NOTED OR IDENTIFIED.
- THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE BENEFIT AND USE OF THE PERSONS AND/OR ENTITIES NAMED HEREON FOR THE PURPOSES IDENTIFIED HEREON ONLY. UNLESS OTHERWISE STATED, CERTIFICATION OF THIS SURVEY MAP APPLIES ONLY TO THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES. THE CERTIFICATION IN NO WAY CONSTITUTES NEITHER GUARANTY NOR WARRANTY TO ANY OTHER INFORMATION NOT SHOWN HEREON. ADDITIONS, DELETIONS OR REVISIONS TO THIS DRAWING BY OTHERS ARE NOT PERMITTED AND THIS SURVEY MAY NOT BE TRANSFERRED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE SIGNING SURVEYOR. THIS SURVEY IS NOT VALID FOR ANY OTHER PURPOSE OTHER THAN INTENDED BY THE SIGNING SURVEYOR.
- SURVEY METHODOLOGY: THIS TOPOGRAPHIC SURVEY SHOWING FELLSMERE WATER CONTROL DISTRICT CULVERT LOCATIONS/INVERTS AND SUB-LATERAL FLOW LINES WAS PERFORMED USING NUMEROUS SURVEYING METHODOLOGIES. THE FIELD WORK AND ACQUISITION OF CULVERT LOCATIONS/INVERTS AND SUB-LATERAL FLOW LINES WERE PERFORMED IN MULTIPLE STAGES. HORIZONTAL AND VERTICAL CONTROL STATIONS WERE RESEARCHED AND RECONNOTED (HORIZONTAL POSITIONS FOR ALL CONTROL STATIONS WERE PUBLISHED BY THE NATIONAL GEODETTIC SURVEY (N.G.S.)/ NATIONAL OCEANIC ATMOSPHERIC ADMINISTRATION (N.O.A.) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.); VERTICAL CONTROL UTILIZED WAS PUBLISHED BY THE ABOVE REFERENCED AGENCIES OR ESTABLISHED BY THIRD ORDER LEVELING CIRCUITS). A NETWORK OF CONTROL STATIONS WAS ESTABLISHED AND SAID CONTROL STATIONS WERE UTILIZED TO OBSERVE CULVERT LOCATIONS/INVERTS, SUB-LATERAL FLOW LINES AT +500 FEET STATIONS (SEE HORIZONTAL AND VERTICAL CONTROL INFORMATION FOR PRIMARY CONTROL POINTS). CULVERT LOCATIONS/INVERTS AND SUB-LATERAL FLOW LINES WERE ALSO OBSERVED USING A TOTAL STATION. IF CULVERTS WERE NOT DIRECTLY OBSERVED BY THE GLOBAL POSITIONING SYSTEMS (G.P.S.) REAL TIME KINEMATIC (R.T.K.) SURVEY METHOD, TWO TRAVERSE POINTS WERE TYPICALLY SET AND REDUNDANTLY OBSERVED AT THE CULVERT LOCATION AND UTILIZED FOR OBSERVATION.
- G.P.S. SURVEY METHOD: REAL TIME KINEMATIC (R.T.K.)

G.P.S. RECEIVER TYPE: LEICA GS 18 / CS 20 GPS/GNASS/GALILEO GNSS (GLOBAL NAVIGATION SATELLITE SYSTEM), SBAS, CODE AND PHASE (L1, L2, L2C & L5 / L1, L2, L2C & L3 / E1, E5a, E5b, A10C, E6). THE HORIZONTAL AND VERTICAL TARGET ACCURACY FOR THIS EQUIPMENT IS: HORIZONTAL: 8MM + 1PPM (RMS) VERTICAL: 15MM + 1PPM (RMS).

HORIZONTAL POSITIONS OF LOCAL SITE CONTROL WERE ESTABLISHED BY REDUNDANT GPS RTK OBSERVATIONS UTILIZING THE FDOT FPRN LOCAL GPS SITE CONTROL VALUES ARE NETWORK ADJUSTED (AVERAGED) POSITIONS.

G.P.S. SURVEY MEASUREMENTS WERE PROCESSED AND ADJUSTED USING LEICA INFINITY, VERSION 4.1.1 APPLYING THE GEOID 18B MODEL.

11. GPS R.T.K. MEASUREMENTS BEGAN ON 27-APRIL-2023 AND THE LAST DAY OF FIELD WORK WAS ON 13-DECEMBER-2023.

12. THE HORIZONTAL AND VERTICAL TARGET ACCURACY FOR THE TOPOGRAPHIC SURVEY BY CARTER ASSOCIATES, INC. IS AS FOLLOWS: HORIZONTAL: ±0.12 FEET VERTICAL: ±0.24 FEET.

13. THE DITCH PROFILE CALCULATED ALONG THE APPROXIMATE CENTERLINE OF THE SUB-LATERALS WAS CALCULATED BY USING A BEST FIT METHOD UTILIZING THE OBSERVED FLOW LINES AND CULVERT LOCATIONS/INVERT ELEVATIONS.

14. THE CROSS SECTIONS SHOWN ON PAGES C-1 THROUGH C-47 WERE OBTAINED FROM THE FELLSMERE WATER CONTROL DISTRICT 2003 CULVERT INVENTORY AND CONVERTED FROM NATIONAL GEODETTIC VERTICAL DATUM OF 1929 (NGVD 1929) TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988). NO SURVEY OBSERVATIONS WERE PERFORMED TO SUBSTANTIATE OR VERIFY THE INFORMATION FROM 2003.

15. CROSS SECTIONS SHOWN ON SHEETS C-48 THROUGH C-54 ARE FOR INFORMATIONAL PURPOSES ONLY. NO SURVEY OBSERVATION WERE PERFORMED TO SUBSTANTIATE OR VERIFY CURRENT EXISTING CONDITIONS. CROSS SECTIONS SHOWN WERE SCANNED FROM "CANAL CROSS SECTIONS SEBASTIAN RIVER BASIN FELLSMERE WATER CONTROL DISTRICT AND THE SEBASTIAN RIVER WATER CONTROL DISTRICT" PREPARED BY HERRERA, WILLIAMS & POWELL - ARCHITECTS, ENGINEERS, SURVEYORS AND PLANNERS FOR ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (NO DATE ON HARD COPY OF PLANS).

16. SPOT ELEVATIONS, TOP OF BANK AND ADJACENT GROUND PROFILES SHOWN HEREON WERE EXTRACTED AND CREATED FROM LIDAR DATA PERFORMED BY JEFF HARTLEY, PSM, DATED JUNE 6TH, 2011. NO SURVEY OBSERVATIONS WERE PERFORMED TO SUBSTANTIATE OR VERIFY THIS DATA. THIS SURVEY DOES NOT CERTIFY TO ANY SPOT ELEVATIONS, TOP OF BANKS, EXISTING GROUND AND ADJACENT GROUND PROFILES EXTRACTED FROM THE LIDAR DATA.

17. INFORMATION SHOWN WITHIN THE CITY LIMITS OF FELLSMERE WAS OBTAINED FROM THE FELLSMERE WATER CONTROL DISTRICT 2003 CULVERT INVENTORY AND CONVERTED FROM NATIONAL GEODETTIC VERTICAL DATUM OF 1929 (NGVD 1929) TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND OTHERS. THE OTHER INFORMATION INCLUDES APPROVED PLANS "ENGINEERING PLANS AND SPECIFICATIONS FOR NEW YORK AVE DITCH IMPROVEMENTS" BY THE MILCOR GROUP INC., DATED 2/5/2022, LAST REVISED 12/19/2022. NO SURVEY OBSERVATIONS WERE PERFORMED TO SUBSTANTIATE OR VERIFY THIS DATA. THIS SURVEY DOES NOT CERTIFY TO ANY DATA, CULVERTS, EXISTING GROUND OR SPOT ELEVATIONS WITHIN THE CITY OF FELLSMERE.

18. ALL PROPOSED DITCH PROFILE GRADES AND CROSS-SECTIONAL INFORMATION IS BY OTHERS. THIS SURVEY DOES NOT CERTIFY TO ANY PROPOSED DATA.

19. THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

LEGEND

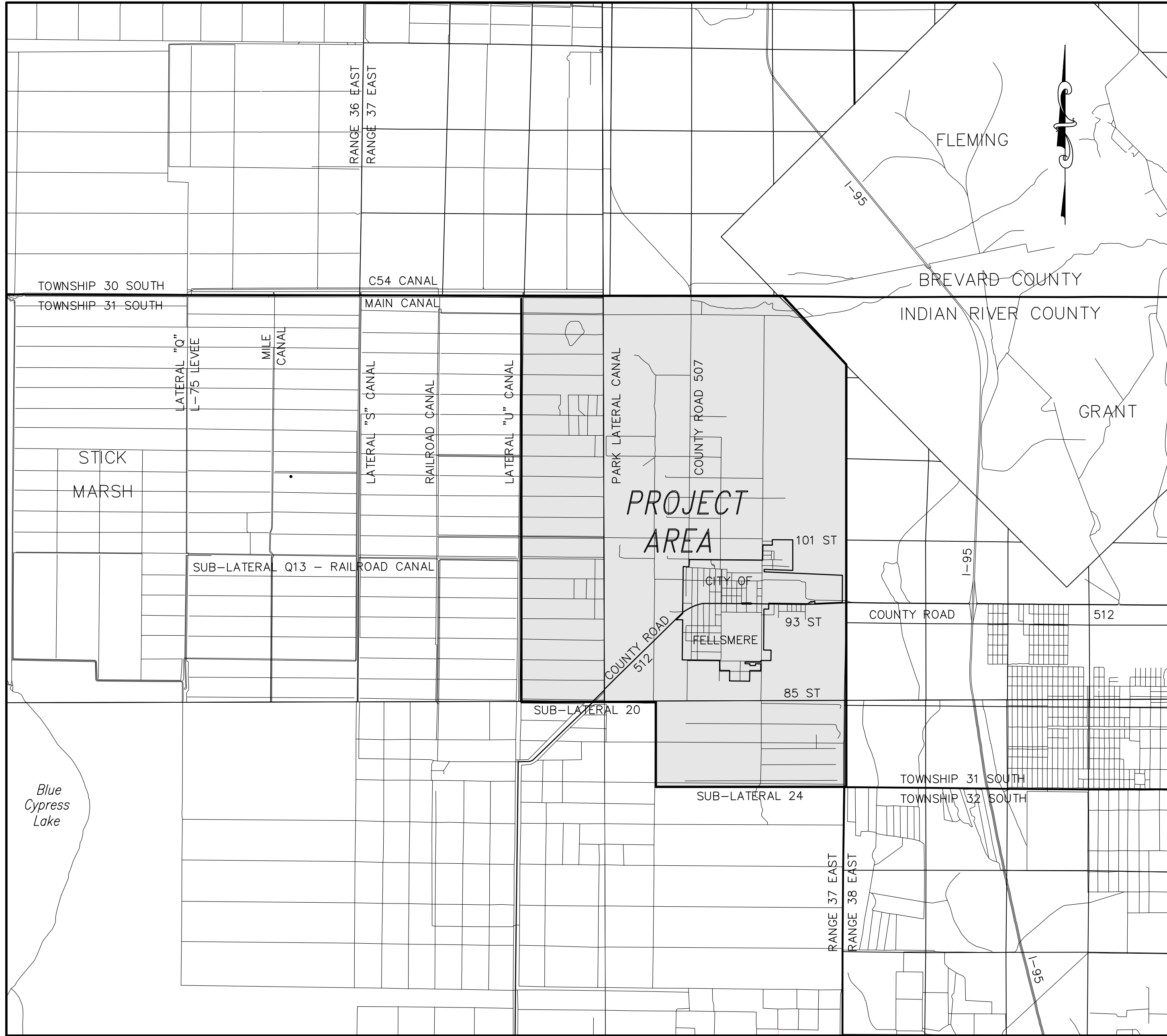
AVE	AVENUE	P.C.	POINT OF CURVATURE
BM	BENCHMARK	P.G.	PAGE
BW	BOTTOM WIDTH	P.O.B.	POINT OF BEGINNING
CAP	CORRUGATED ALUMINUM PIPE	P.O.C.	POINT OF COMMENCEMENT
CMP	CORRUGATED METAL PIPE	P.P.M.	PARTS PER MILLION
CONC.	CONCRETE	P.R.	PUBLIC RECORDS
CR	COUNTY ROAD	PSM	PROFESSIONAL SURVEYOR AND MAPPER
CT	COURT	P.T.	POINT OF TANGENCY
Ø	DIAMETER	PVC	POLYVINYL CHLORIDE PIPE
DIP	DUCTILE IRON PIPE	RPC	REINFORCED CONCRETE PIPE
GPS	GLOBAL POSITIONING SYSTEM	RD	ROAD
EL	ELEVATION	RMS	ROOT MEAN SQUARE
ELEV.	ELEVATION	RNG	RANGE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	ROW	RIGHT OF WAY
FL	FLOWLINE	RTK	REAL-TIME KINEMATIC
F.F.CO.SD.	FELLSMERE FARMS COMPANY'S SUBDIVISION	SF	SQUARE FEET
F.W.C.D.	FELLSMERE WATER CONTROL DISTRICT	SHT	SHEET
FPRN	FLORIDA PERMANENT REFERENCE NETWORK	S.L.CO., FL.	SANIT LUCIE COUNTY, FLORIDA
HDPE	HIGH-DENSITY POLYETHYLENE	S.L.	STATE ROAD
I.R.CO., FL.	INDIAN RIVER COUNTY, FLORIDA	SRC	SET 1/2" DIAMETER X 18" LONG REBAR/CAP
INV.	INVERT	STAMPED	"CARTER ASSOC."
LB	LICENSE BUSINESS	ST	STREET
L.F.	LINEAR FEET	STA.	STATION
M.E.S.	MITERED END SECTION	SWL	SWALE
MM	MILLIMETER	TBM	TEMPORARY BENCHMARK
NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988	TWP	TOWNSHIP
NGVD	NATIONAL GEODETTIC VERTICAL DATUM OF 1929	TYPICAL	TYPICAL
O.R.B.	OFFICIAL RECORD BOOK	W/	WITH
P.B.	PLAT BOOK	W	W/
		+ 25.31	LIDAR SPOT ELEVATION (2011)

LOCATION SKETCH

NOT TO SCALE

FELLSMERE SW QUAD MAP

FELLSMERE SE QUAD MAP



FELLSMERE 4 NW QUAD MAP

FELLSMERE 4 NE QUAD MAP

HORIZONTAL/VERTICAL CONTROL INFORMATION:

HORIZONTAL DATUM: NAD 1983 (2011) VERTICAL DATUM: NAVD 1988

PRIMARY CONTROL POINTS

POINT No. 1 **PUBLISHED** DESIGNATION: V 646 PID: D19367 STATE/COUNTY: FLORIDA/INDIAN RIVER USGS QUAD: SOUTH OF FELLSMERE (2018) LATITUDE: 27°44'43.8868" (N) LONGITUDE: 080°35'37.00424" (W) ELEVATION: 23.59'	POINT No. 4 **PUBLISHED** DESIGNATION: FELSMEERE 8 PID: D19367 STATE/COUNTY: FLORIDA/INDIAN RIVER USGS QUAD: FELSMEERE (2018) LATITUDE: 27°44'07.8" (N) LONGITUDE: 080°35'37.2" (W) ELEVATION: 35.22'	POINT No. 5 **PUBLISHED** DESIGNATION: RLS 2147 PID: AE6241 STATE/COUNTY: FLORIDA/BREVARD USGS QUAD: FELSMEERE (2018) LATITUDE: 27°49'22.6" (N) LONGITUDE: 080°36'25.6" (W) ELEVATION: 31.26'	POINT No. 13 **PUBLISHED** DESIGNATION: BREVARD GPS 5038 PID: AE6240 STATE/COUNTY: FLORIDA/BREVARD USGS QUAD: FELSMEERE (2018) LATITUDE: 27°48'23.14824" (N) LONGITUDE: 080°35'44.81361" (W) ELEVATION: 26.80'
POINT No. 2 **PUBLISHED** DESIGNATION: GPS 13 PID: AA5790 STATE/COUNTY: FLORIDA/INDIAN RIVER USGS QUAD: NORTH OF GUM SLOUGH (2018) LATITUDE: 27°44'22.76902" (N) LONGITUDE: 080°38'32.79092" (W) ELEVATION: 22.18'	POINT No. 14 **PUBLISHED** DESIGNATION: T 646 PID: D19364 STATE/COUNTY: FLORIDA/INDIAN RIVER USGS QUAD: FELSMEERE (2018) LATITUDE: 27°47'38.1" (N) LONGITUDE: 080°36'26.6" (W) ELEVATION: 22.70'	POINT No. 16 N: 1255313.05 E: 7780776.11 ELEVATION: 22.06'	POINT No. 17 N: 1250580.78 E: 780934.20 ELEVATION: 24.87'

TEMPORARY CONTROL POINTS / BENCHMARKS

NOTE: ALL TEMPORARY BENCHMARKS ARE SET 1/2" DIAMETER BY 18" LONG REBAR WITH CAPS STAMPED "CARTER ASSOC."

POINT No. 6 N: 1255177.38 E: 780973.06 ELEVATION: 24.73'	POINT No. 11 N: 1250652.30 E: 778923.08 ELEVATION: 20.24'	POINT No. 18 N: 1251341.91 E: 780765.47 ELEVATION: 21.86'	POINT No. 23 N: 1244064.45 E: 775224.03 ELEVATION: 21.07'	POINT No. 104 N: 1246050.96 E: 788807.23 ELEVATION: 25.65'	POINT No. 110 N: 1246598.56 E: 783220.20 ELEVATION: 24.48'
POINT No. 7 N: 1250263.49 E: 778986.74 ELEVATION: 22.41'	POINT No. 12 N: 1257999.47 E: 780912.62 ELEVATION: 22.86'	POINT No. 19 N: 1250029.45 E: 776541.09 ELEVATION: 21.26'	POINT No. 24 N: 1247417.67 E: 780776.11 ELEVATION: 22.06'	POINT No. 105 N: 1242183.69 E: 786088.90 ELEVATION: 24.30'	POINT No. 108 N: 1249938.91 E: 785131.24 ELEVATION: 22.75'
POINT No. 8 N: 1253293.23 E: 778986.08 ELEVATION: 24.82'	POINT No. 14 N: 1253293.23 E: 778986.08 ELEVATION: 24.82'	POINT No. 20 N: 1247417.67 E: 780776.11 ELEVATION: 22.06'	POINT No. 25 N: 1257977.83 E: 784404.04 ELEVATION: 22.7'	POINT No. 106 N: 1252600.31 E: 785131.24 ELEVATION: 22.75'	POINT No. 109 N: 1246050.96 E: 783220.20 ELEVATION: 24.48'
POINT No. 9 N: 1253293.42 E: 778986.08 ELEVATION: 24.81'	POINT No. 16 N: 1255313.05 E: 780776.11 ELEVATION: 22.06'	POINT No. 21 N: 1247404.65 E: 776541.09 ELEVATION: 21.26'	POINT No. 101 N: 124376.24 E: 784404.04 ELEVATION: 23.13'	POINT No. 108 N: 1249938.91 E: 785131.24 ELEVATION: 22.75'	POINT No. 109 N: 1246050.96 E: 783220.20 ELEVATION: 24.48'
POINT No. 10 N: 1250580.78 E: 780934.20 ELEVATION: 24.87'	POINT No. 17 N: 1250580.78 E: 780934.20 ELEVATION: 24.87'	POINT No. 22 N: 1245019.24 E: 779752.51 ELEVATION: 21.62'	POINT No. 103 N: 1245019.24 E: 779752.51 ELEVATION: 21.62'	POINT No. 108 N: 1249938.91 E: 785131.24 ELEVATION: 22.75'	POINT No. 109 N: 1246050.96 E: 783220.20 ELEVATION: 24.48'

Sheet List Table	
Sheet Number	Sheet Title
C-0	COVER
C-1	OVERALL KEY MAP
C-2	SUBLATERAL U-1 123RD ST
C-3	SUBLATERAL U-2 121ST ST
C-4	SUBLATERAL U-3 119TH ST
C-5	SUBLATERAL U-4 117TH ST
C-6	SUBLATERAL U-5 115TH ST
C-7	SUBLATERAL U-6 113TH ST
C-8	SUBLATERAL U-7 111TH ST
C-9	SUBLATERAL U-8 109TH ST
C-10	SUBLATERAL U-9 107TH ST
C-11	SUBLATERAL U-10 105TH ST
C-12	SUBLATERAL U-11 103RD ST
C-13	SUBLATERAL U-12 101ST ST
C-13A	SUBLATERAL U-13 99TH ST
C-14	SUBLATERAL U-14 97TH ST
C-15	SUBLATERAL U-15 95TH ST
C-16	SUBLATERAL U-16 93RD ST
C-17	SUBLATERAL U-17 91ST ST
C-18	SUBLATERAL U-18 89TH ST
C-19	SUBLATERAL U-19 87TH ST
C-20	SUBLATERAL U-20 85TH ST
C-21	SUBLATERAL U-21 83RD ST
C-22	SUBLATERAL U-22 81ST ST
C-23	SUBLATERAL U-23 79TH ST
C-24	SUBLATERAL U-24 77TH ST
C-25	LATERAL U CANAL
C-26	LATERAL U CANAL SOUTH
C-26A	PARK LATERAL CANAL
C-27	MAIN CANAL
C-28	LATERAL U CANAL CROSS SECTIONS
C-29	PARK LATERAL CANAL CROSS SECTIONS
C-30	PARK LATERAL CANAL CROSS SECTIONS
C-31	MAIN CANAL CROSS SECTIONS
C-32	MAIN CANAL CROSS SECTIONS
C-33	MAIN CANAL CROSS SECTIONS
C-34	MAIN CANAL CROSS SECTIONS
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C-42	MAIN CANAL CROSS SECTIONS
C-43	MAIN CANAL CROSS SECTIONS
C-44	MAIN CANAL CROSS SECTIONS
C-45	MAIN CANAL CROSS SECTIONS
C-45A	MAIN CANAL CROSS SECTIONS
C-46	MAIN CANAL CROSS SECTIONS
C-47	MAIN CANAL CROSS SECTIONS
C-48	MAIN CANAL CROSS SECTIONS
C-49	MAIN CANAL CROSS SECTIONS
C-50	MAIN CANAL CROSS SECTIONS
C-51	MAIN CANAL CROSS SECTIONS
C-52	MAIN CANAL CROSS SECTIONS
C-53	MAIN CANAL CROSS SECTIONS
C-54	MAIN CANAL CROSS SECTIONS

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

ALL ELEVATIONS SHOWN ON SHEETS C-48 TO C-54 (BY OTHERS) ARE REFERENCED TO THE NATIONAL GEODETTIC VERTICAL DATUM OF 1929 (NGVD 1929)

FELLSMERE WATER CONTROL DISTRICT

109 WILLOW STREET
FELLSMERE, FL 32948

TEL: 772-571-0640



CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911
CONSULTING ENGINEERS
AND LAND SURVEYORS

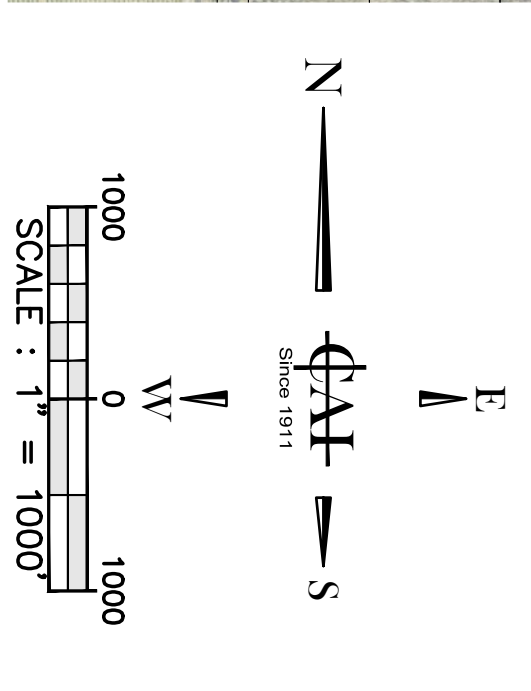
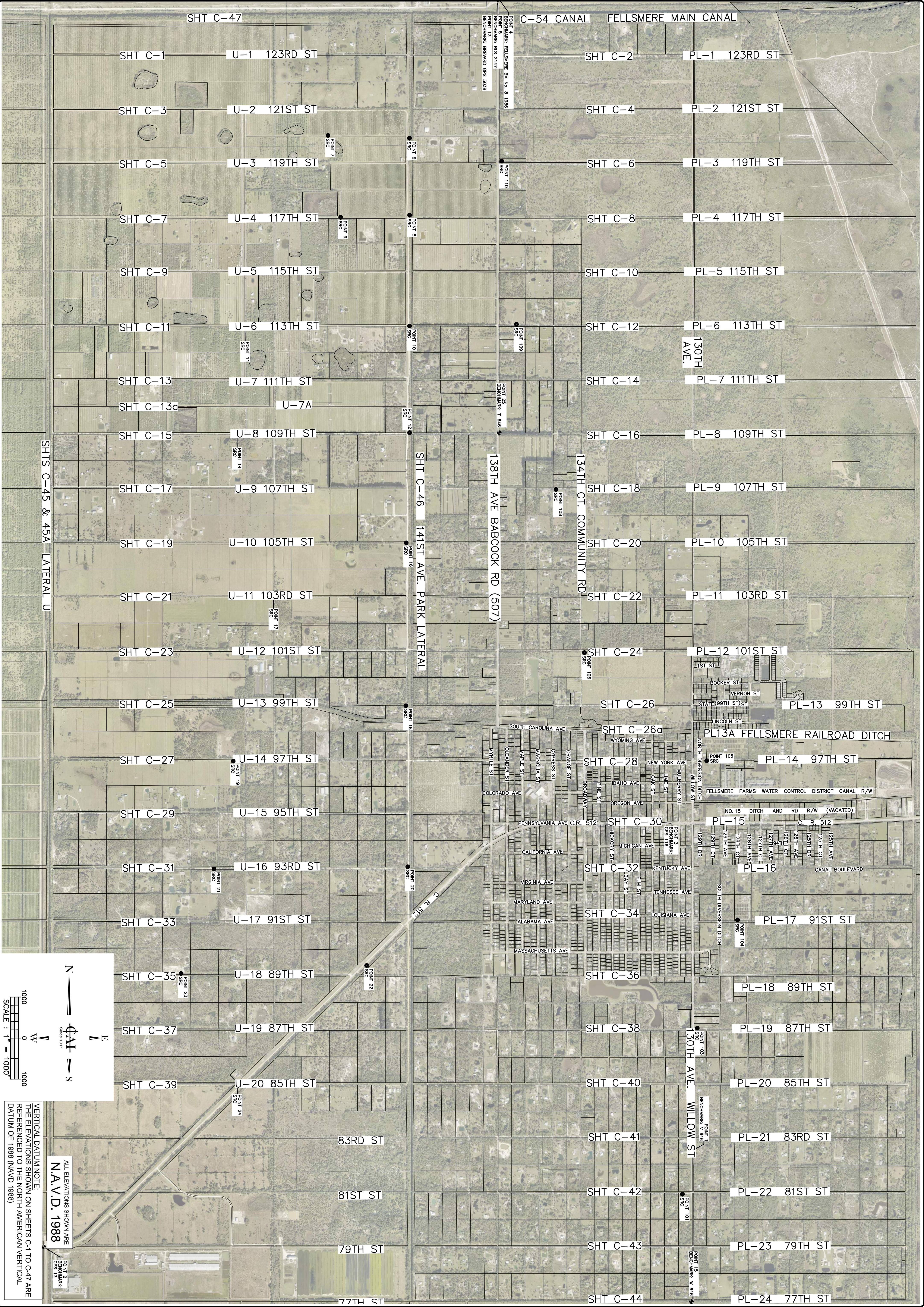
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VERO BEACH, FL 32960

TEL: 772-562-4191
EMAIL: Dlan@ca-inc.com

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DAVID E. LUETHJE
FLORIDA LICENSE NO. 5728
CARTER ASSOCIATES, INC.

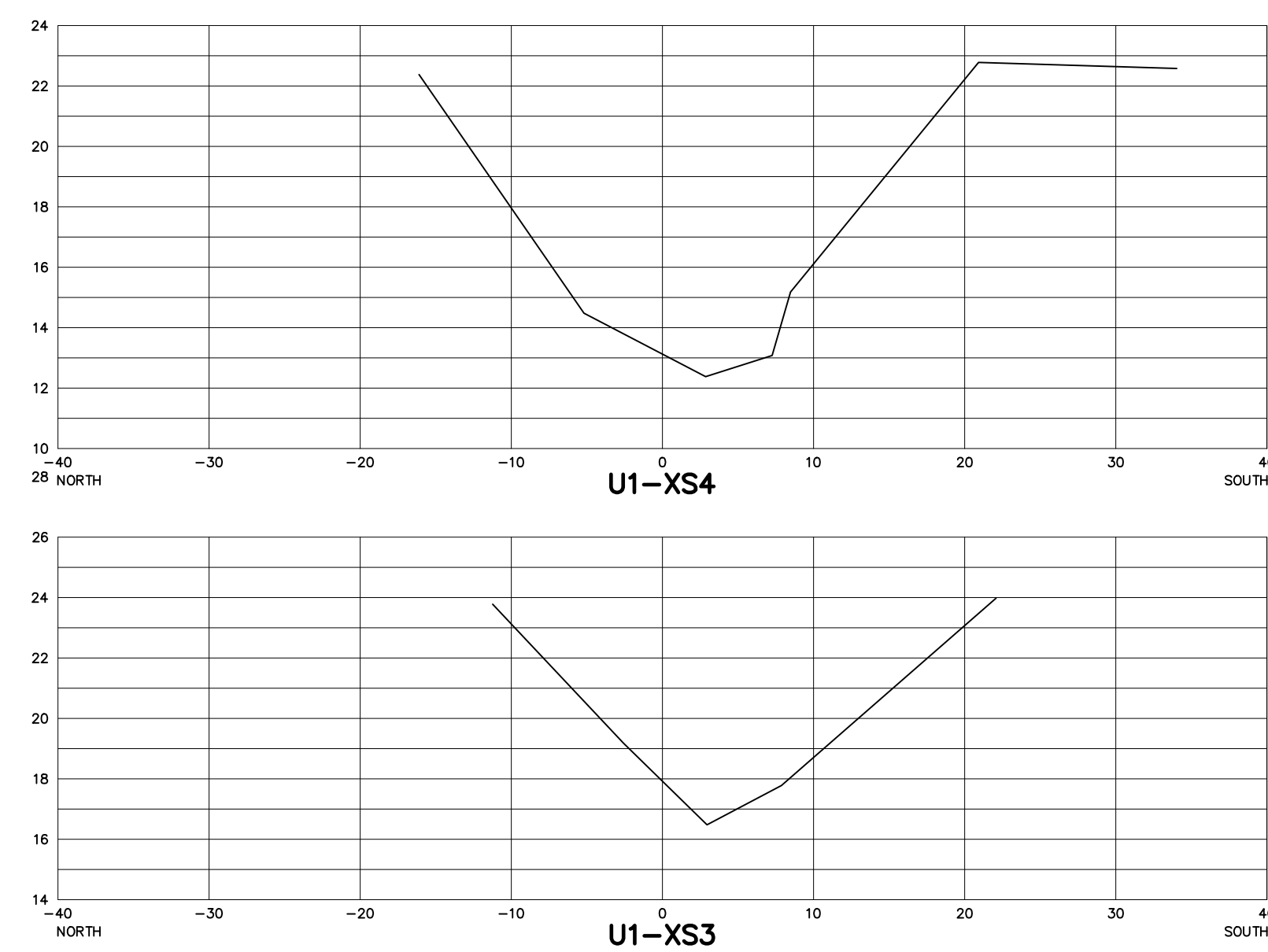
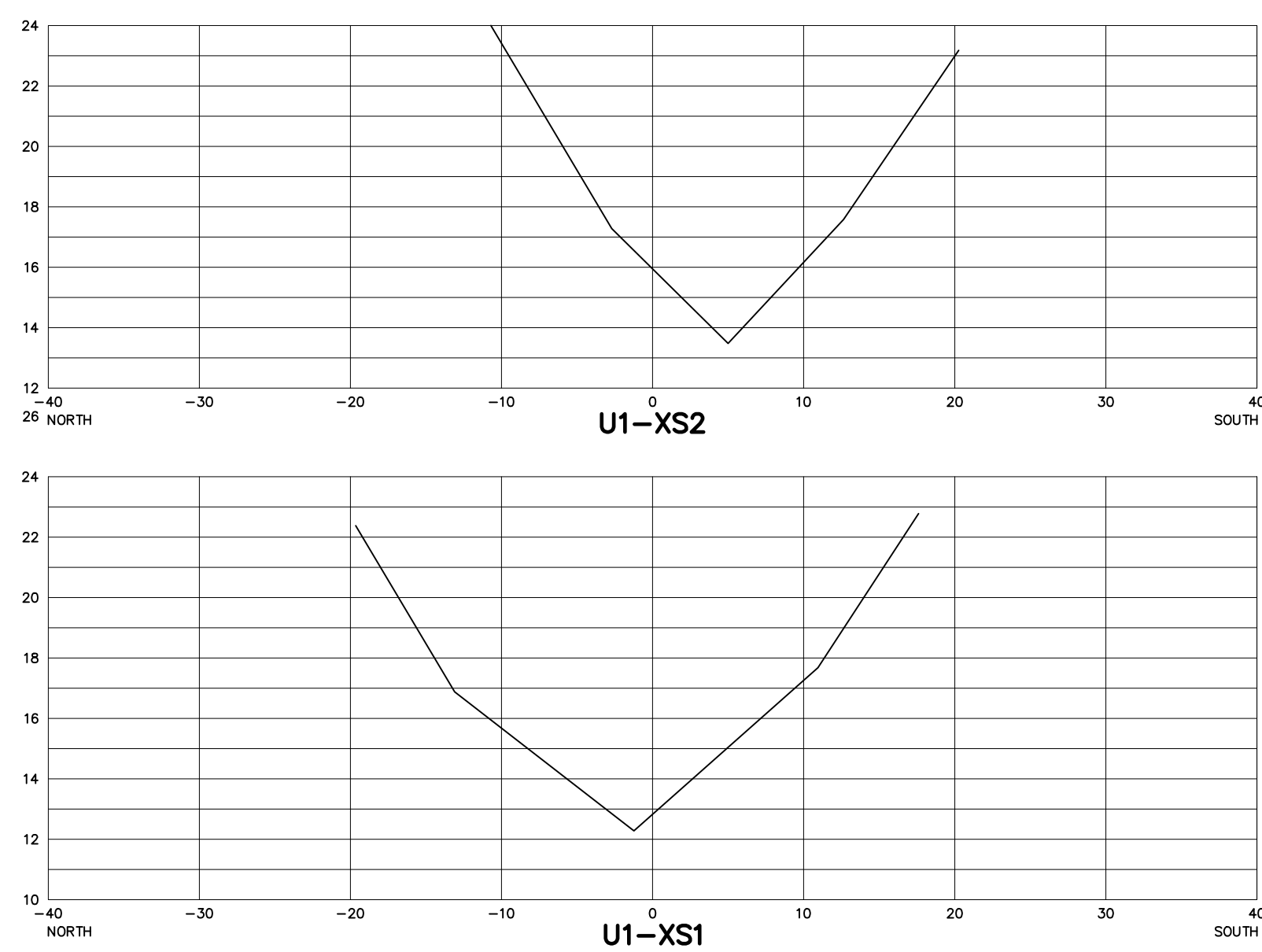
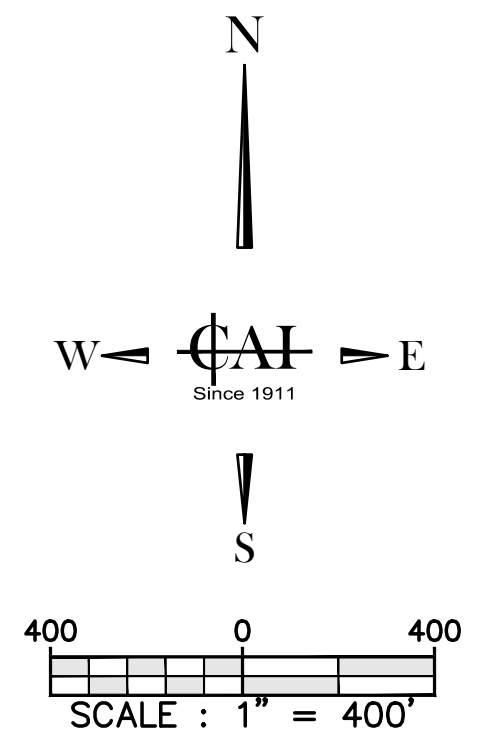
DATE
COA 205 / LB 205



VERTICAL DATUM NOTE:
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DATUM OF 1988 (NAVD 1988)

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

DWG. NO.: C-0	SHEET C-0	SHEET TITLE OVERALL KEY MAP	DATE : Jun 2024 PROJECT # : 90-09E DRAWN BY : GSE SURVEY CHECKED BY : GSE SURVEY REF # : 01-88E F.B. & PG. : FWCD MM1+1	THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.	FELLSMERE WATER CONTROL DISTRICT CULVERT INVENTORY INDIAN RIVER COUNTY, FLORIDA	<table><tr><td>NO.</td><td>REVISION</td><td>DATE</td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr></table>	NO.	REVISION	DATE	1			2			3			4			5			FELLSMERE WATER CONTROL DISTRICT 109 WILLOW STREET FELLSMERE, FL 32948 TEL: 772-571-0640 EMAIL: bsakuma@sdsinc.org	 CARTER ASSOCIATES, INC. SERVING FLORIDA SINCE 1911 CONSULTING ENGINEERS AND LAND SURVEYORS 1708 21ST STREET VENO BEACH, FL 32560 TEL: (772) 562-1191 EMAIL: jld@carterassocs.com
NO.	REVISION	DATE																								
1																										
2																										
3																										
4																										
5																										



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N.A.V.D. 1988

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DATUM OF 1988 (NAVD 1988)

109 WILLOW STREET
FELLSMERE, FL 32948

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INDIAN RIVER COUNTY, FLORIDA

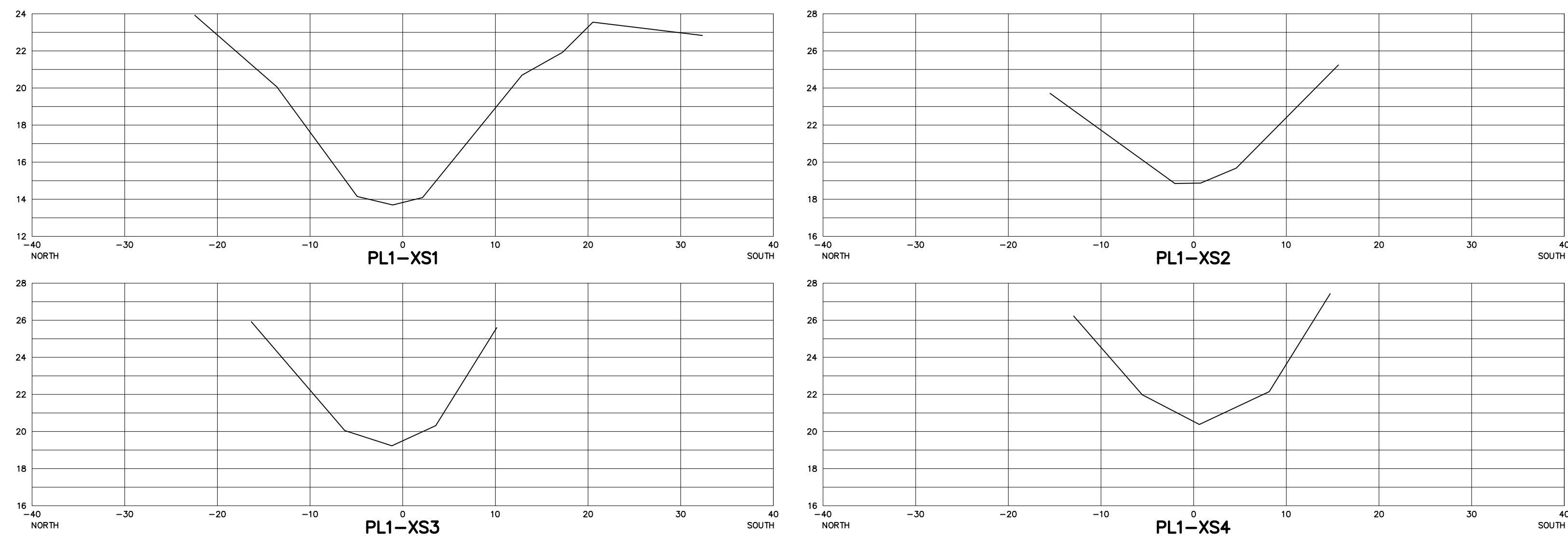
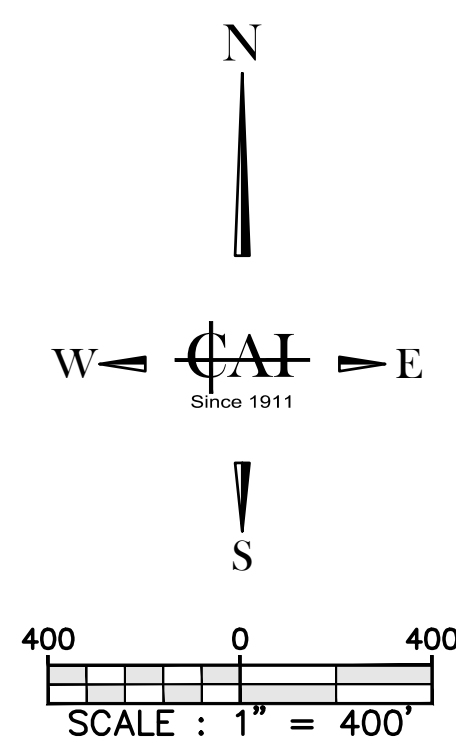
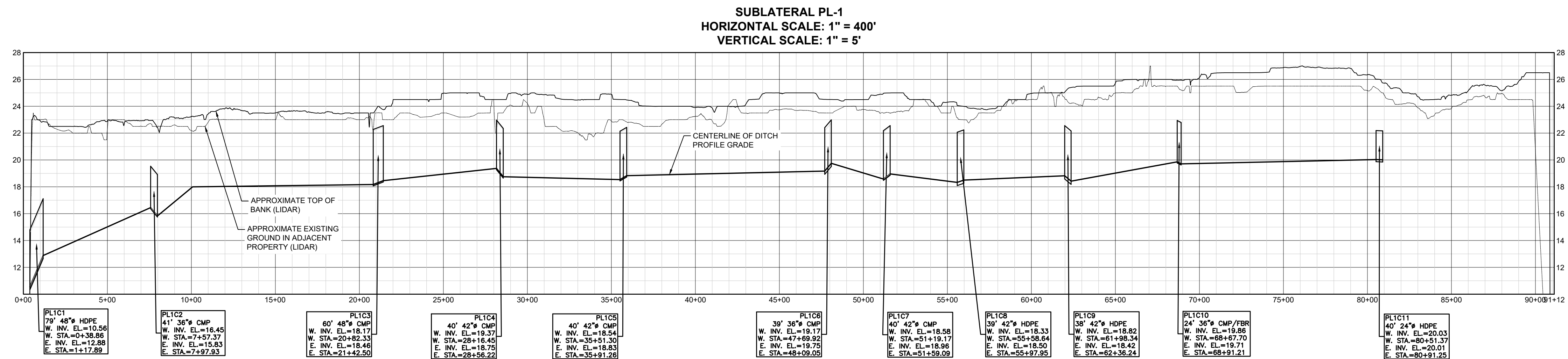
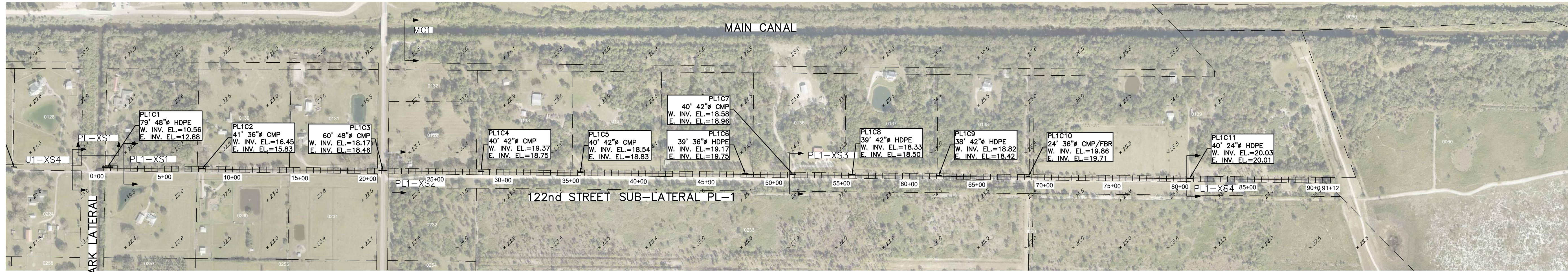
THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

DATE : Jun 2024
COJ. # : 90-09E
DRAWN BY: GTM
TUM : SEE SURVEY
F. # : 01-83E
B. & PG. : FWCD MM/1*

SHEET TITLE:
SUBLATERAL U-1
123RD ST

SHEET
C-1

WG, NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NAVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

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THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
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CAI
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CARTER ASSOCIATES, INC.
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AND LAND SURVEYORS
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FELLSMERE WATER
CONTROL DISTRICT
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FELLSMERE, FL 32948

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TEL: 772-571-0640

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
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PRESENT.

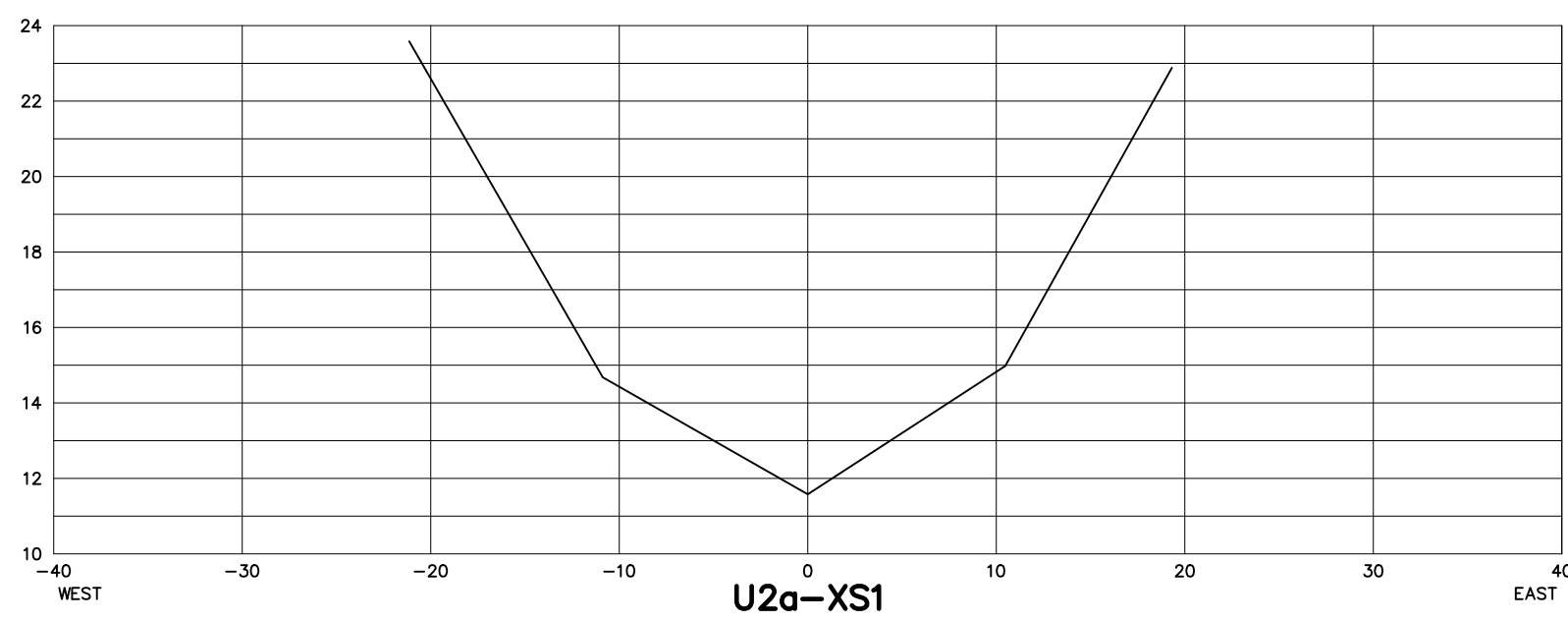
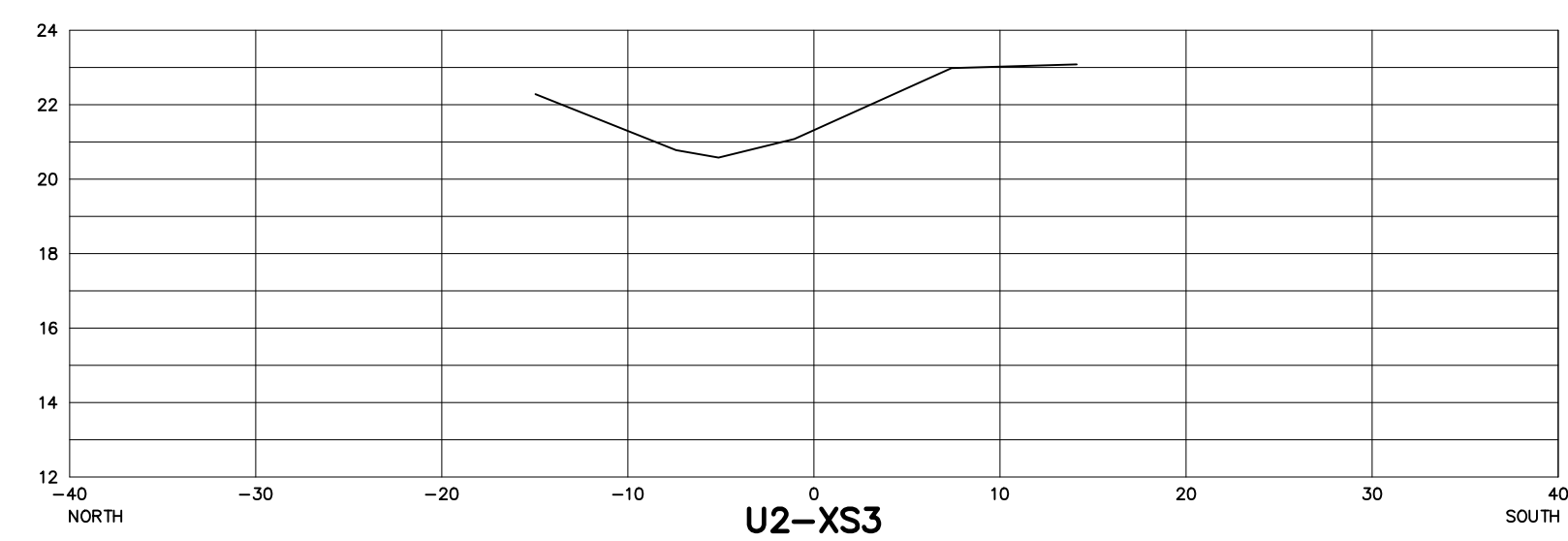
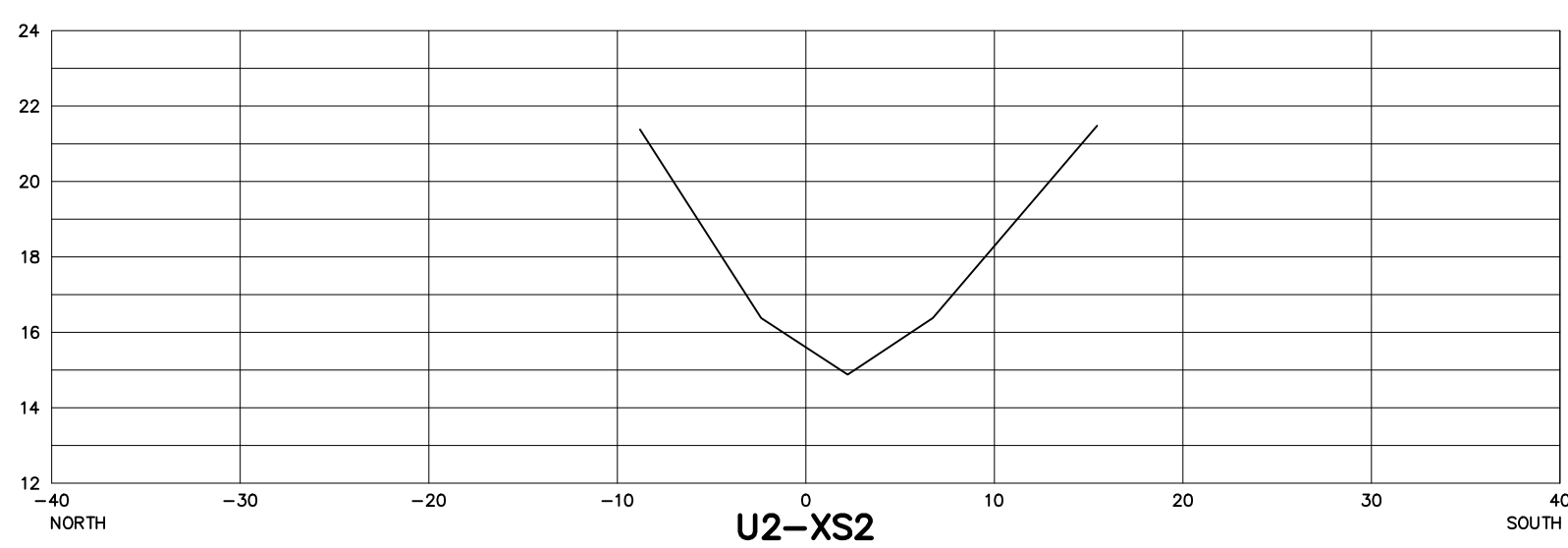
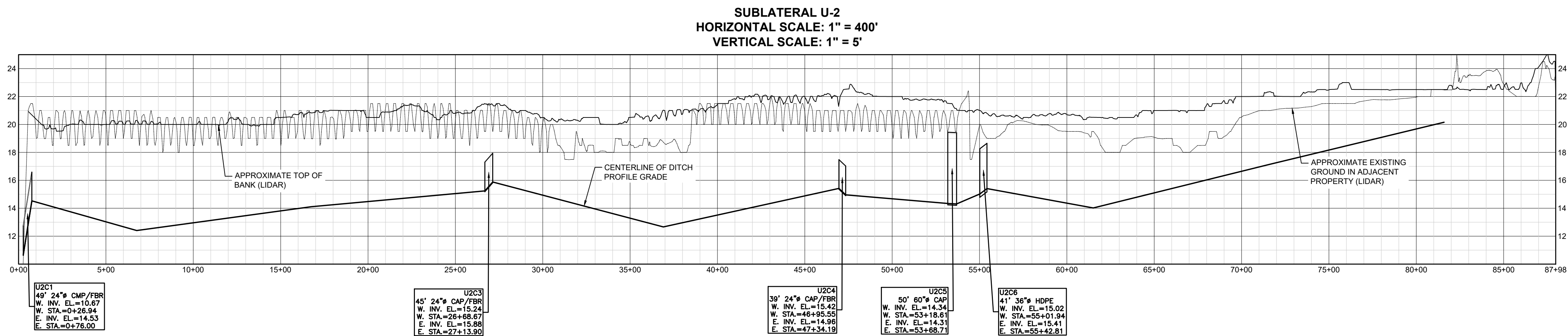
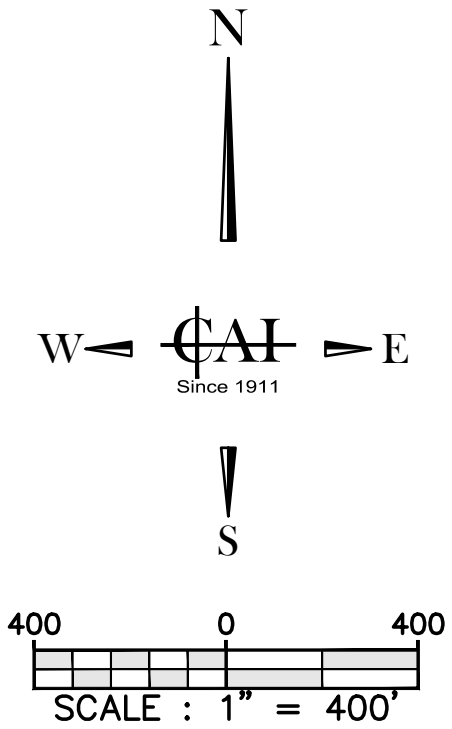
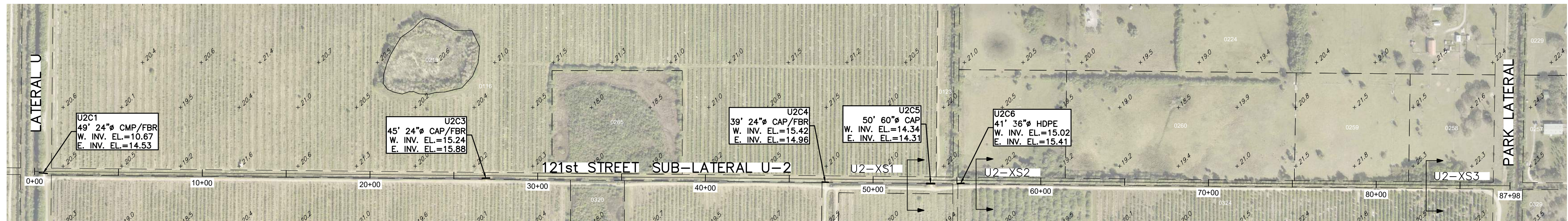
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL PL-1
123RD ST**

SHEET
C-2

DWG. NO:

P:\FWCD\0608 E - FWCD Culvert Inventory\Drawings\06E - FWCD Culvert Inventory\Draw 3, Gairn Miller
Jun 28, 24, 1:28 PM



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
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NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
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REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

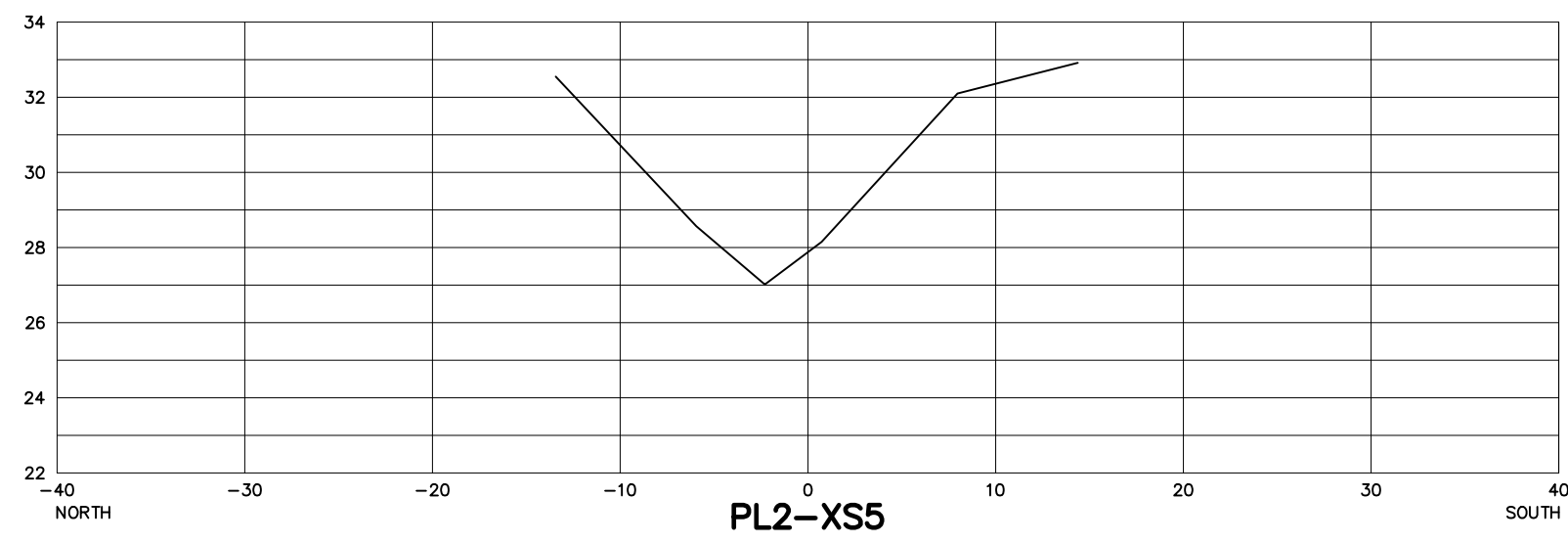
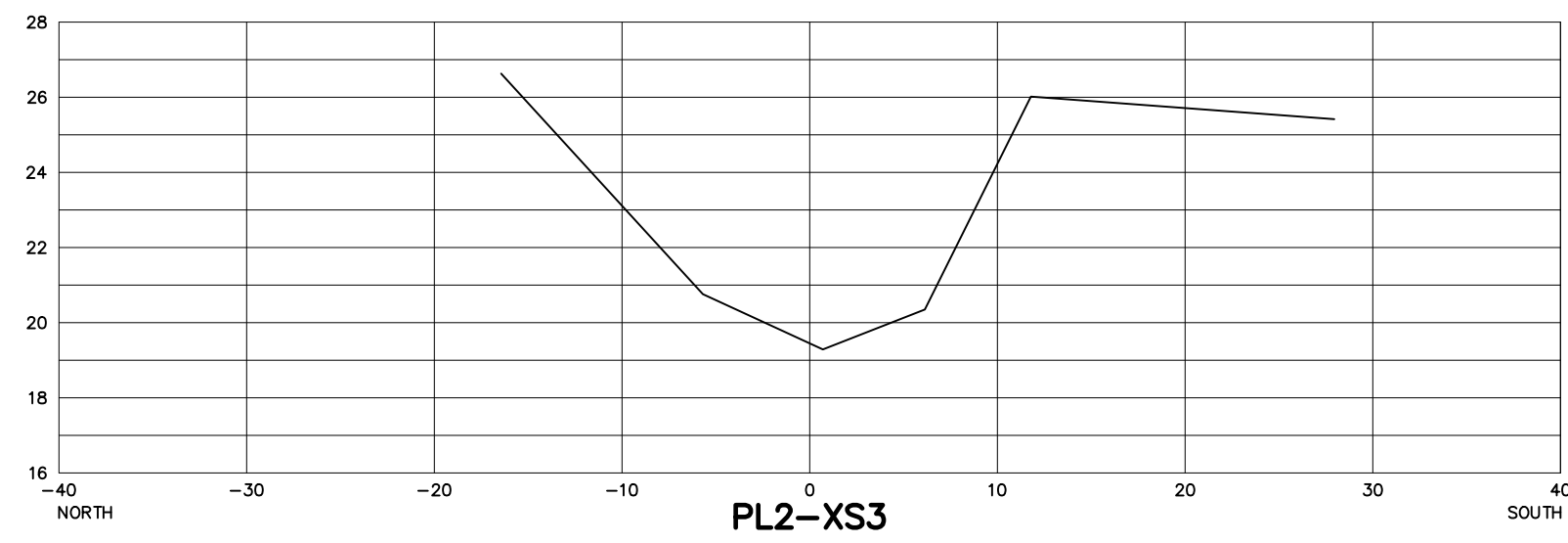
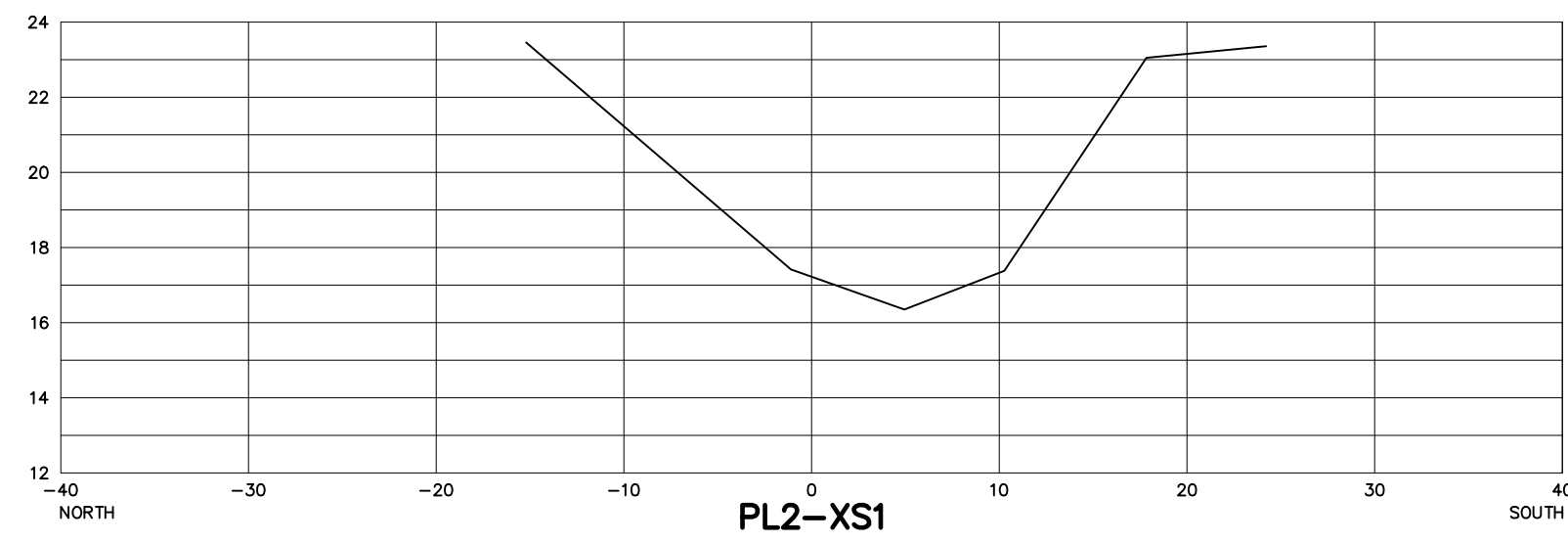
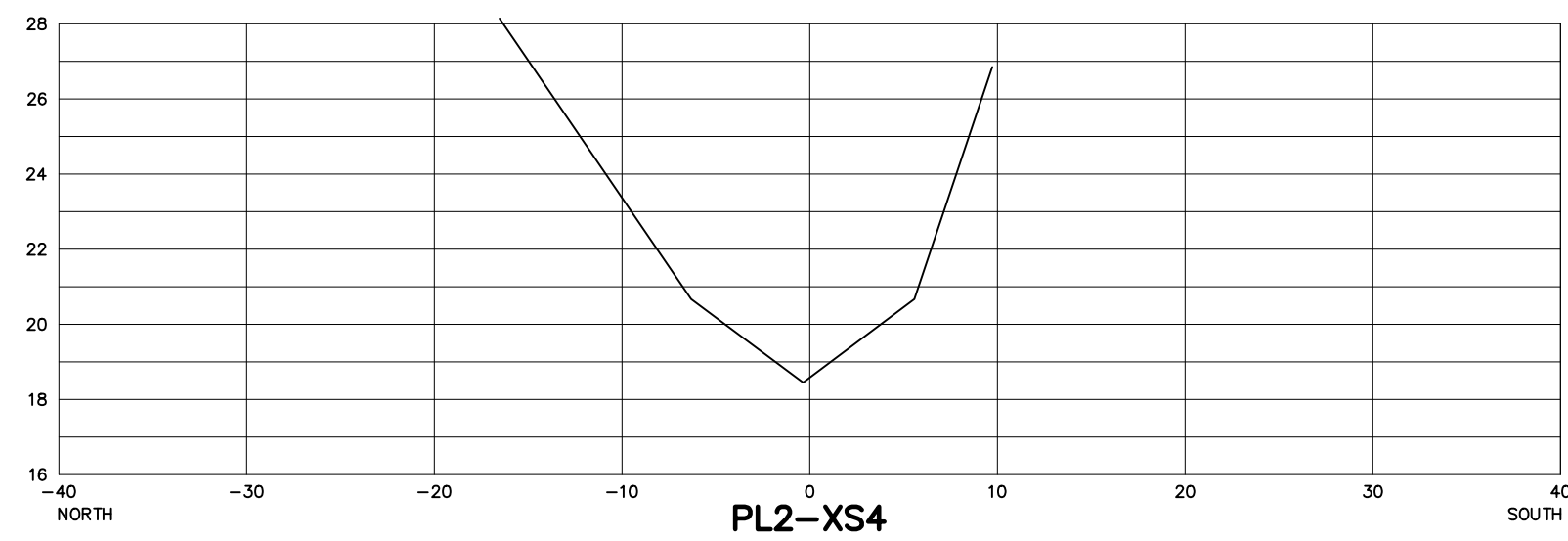
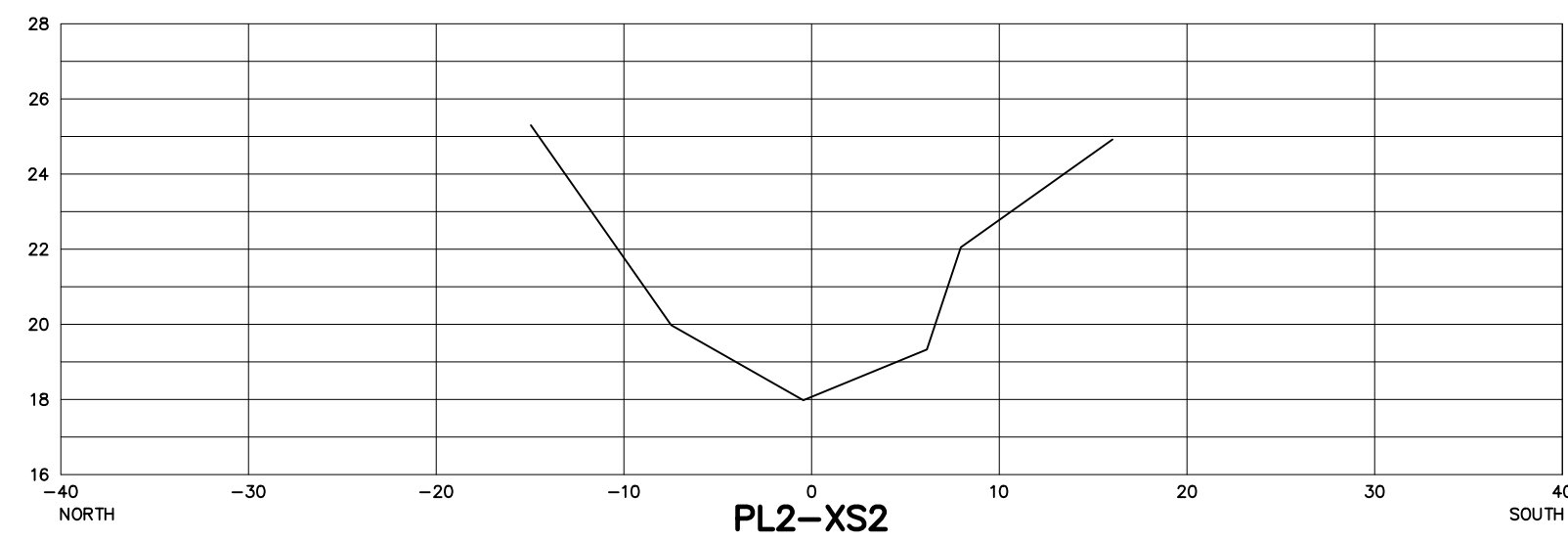
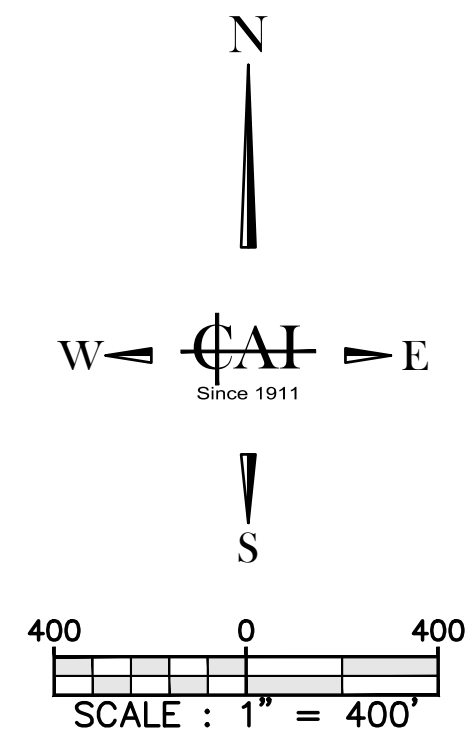
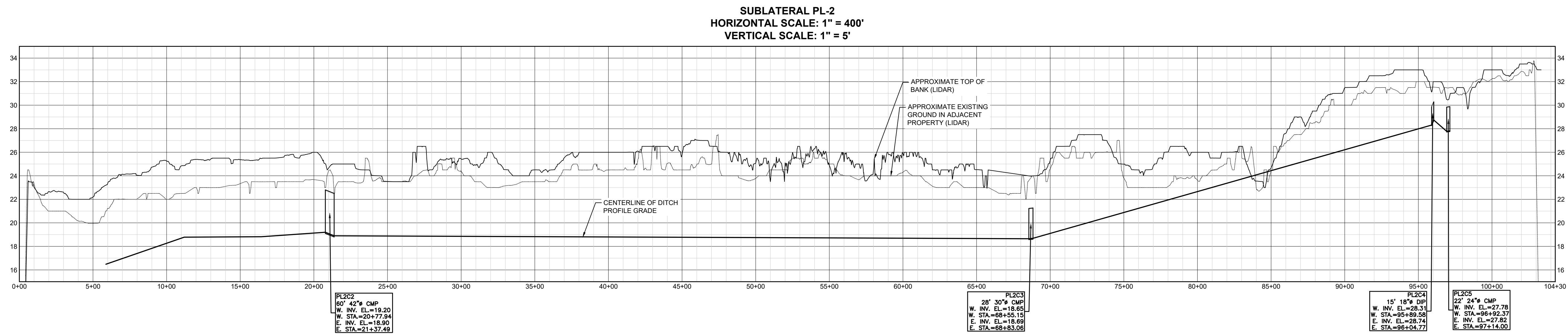
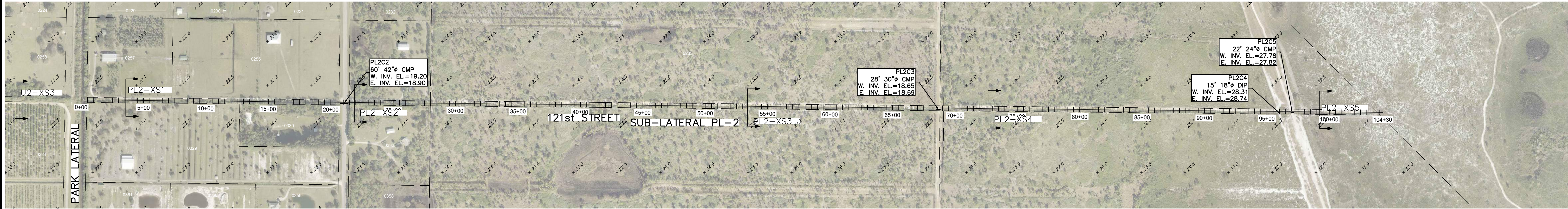
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL U-2
121ST ST**

SHEET
C-3
DWG. NO:

P:\FWCD\0609 E - FWCD Culvert Inventory\DWG\0609 E - FWCD Culvert Inventory\DWG 4, Culvert Miller
Jun 28, 24, 1:21 PM



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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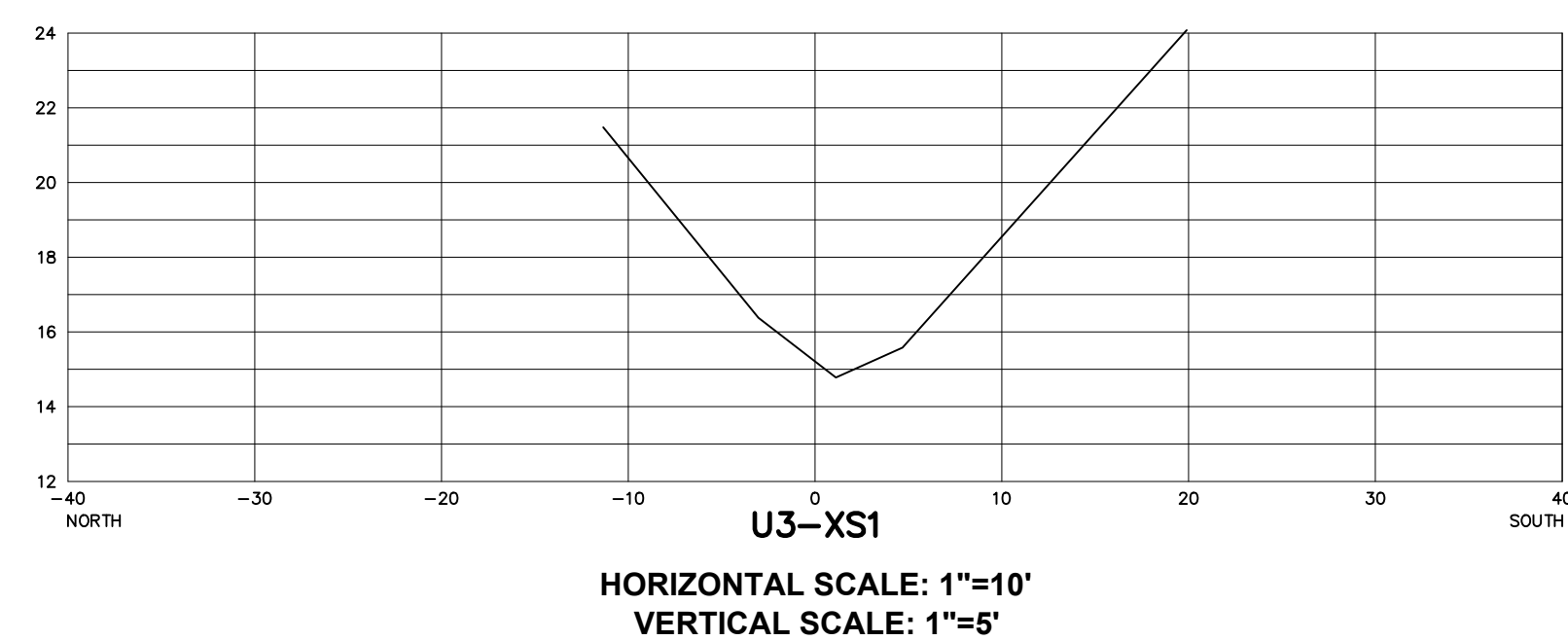
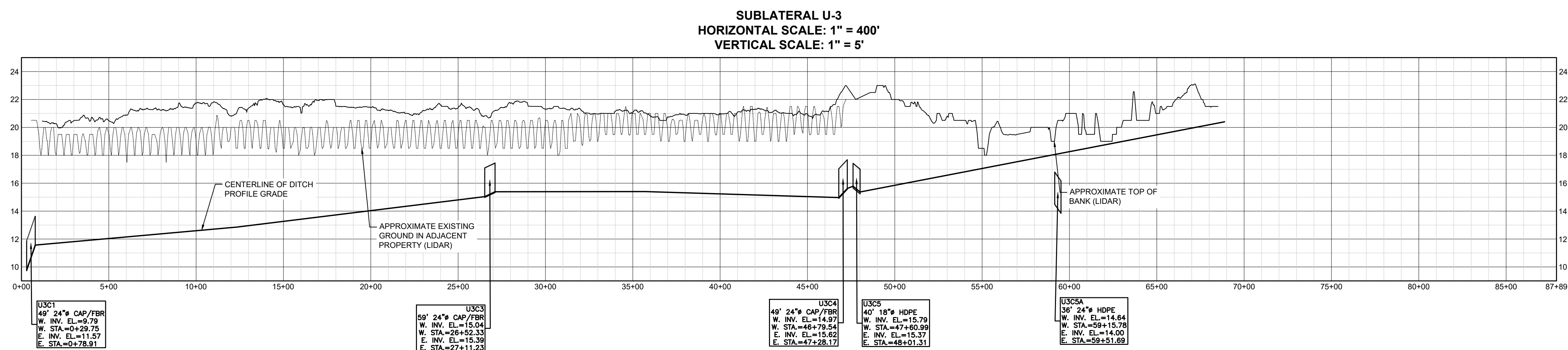
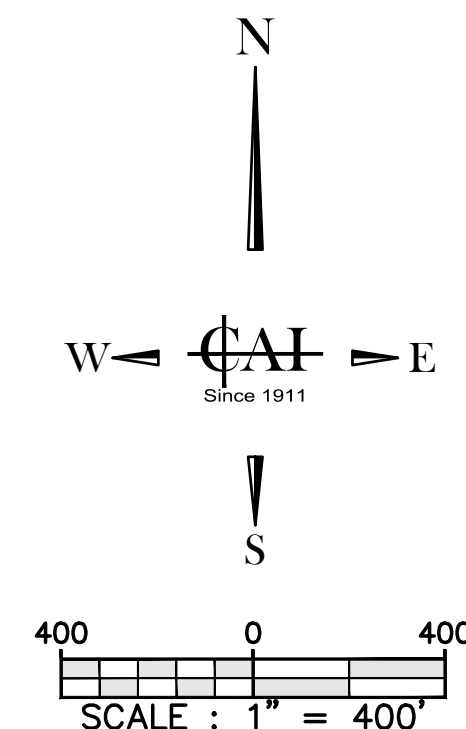
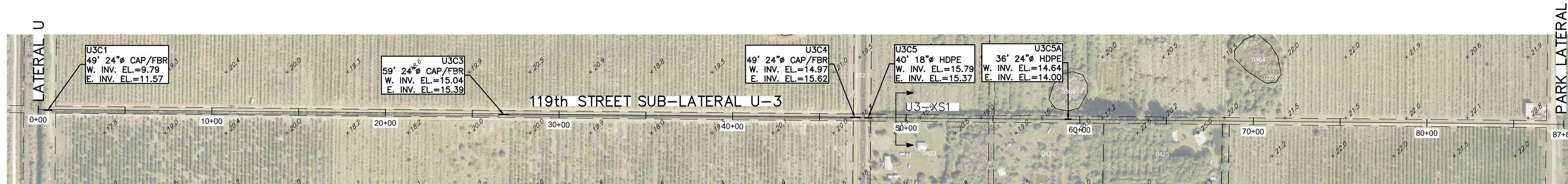
ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE

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REF. # : 01-83E
F.B. & PG. : FWCD MM/1+



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**FELLSMERE WATER
CONTROL DISTRICT**
109 WILLOW STREET
FELLSMERE, FL 32948

TEL: 772-571-0640
EMAIL: bsakuma@sdsinc.org

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NO.	REVISION	DATE

**FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY**
INDIAN RIVER COUNTY, FLORIDA

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DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
SUBLATERAL U-3
119TH ST

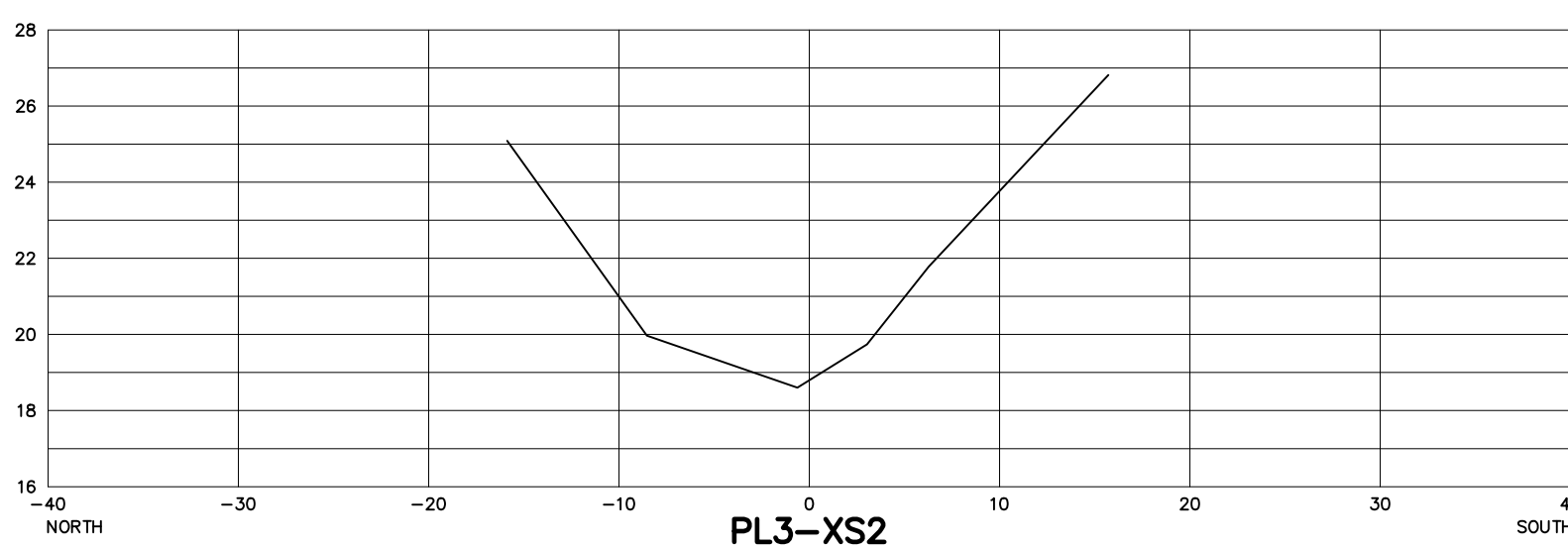
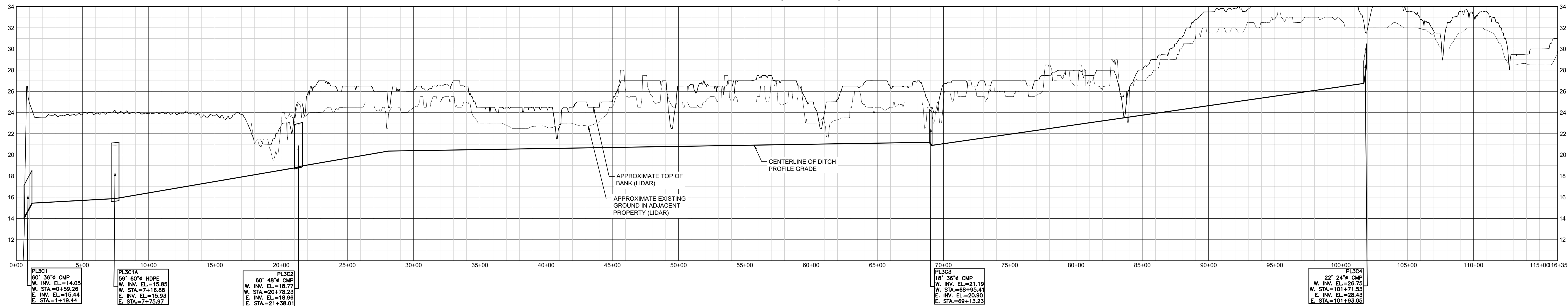
SHEET
C-5

DWG. NO:

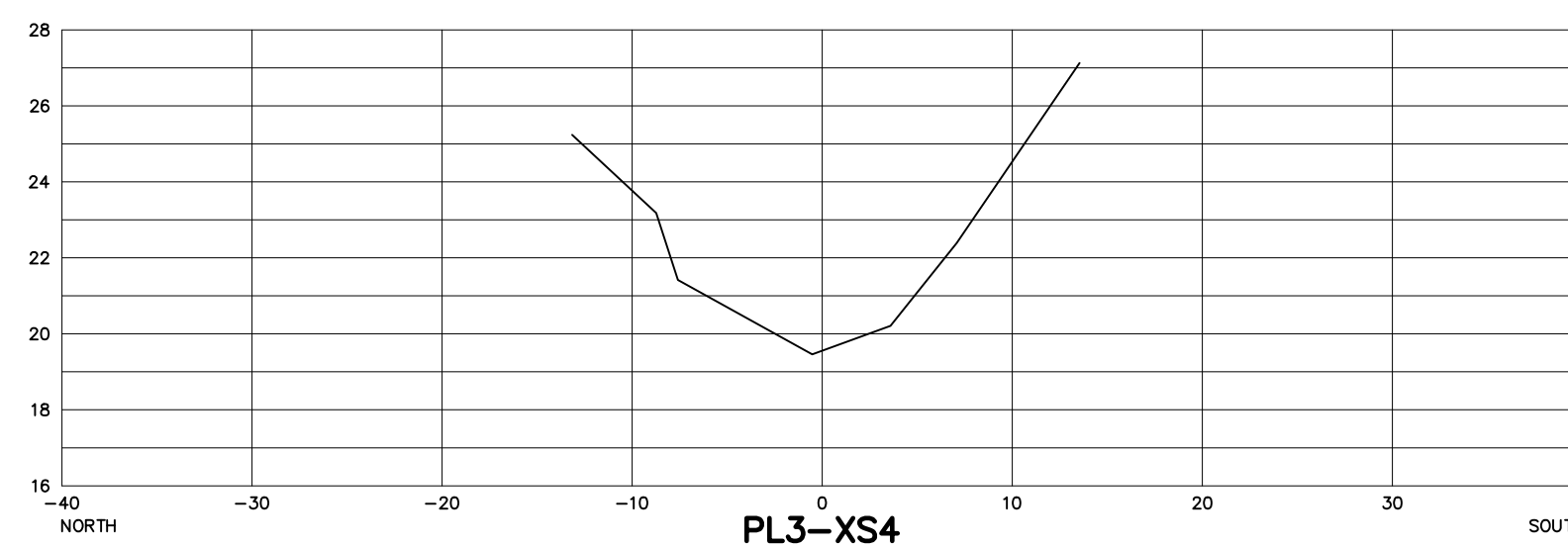
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Jun 28, 24, 1:21 PM



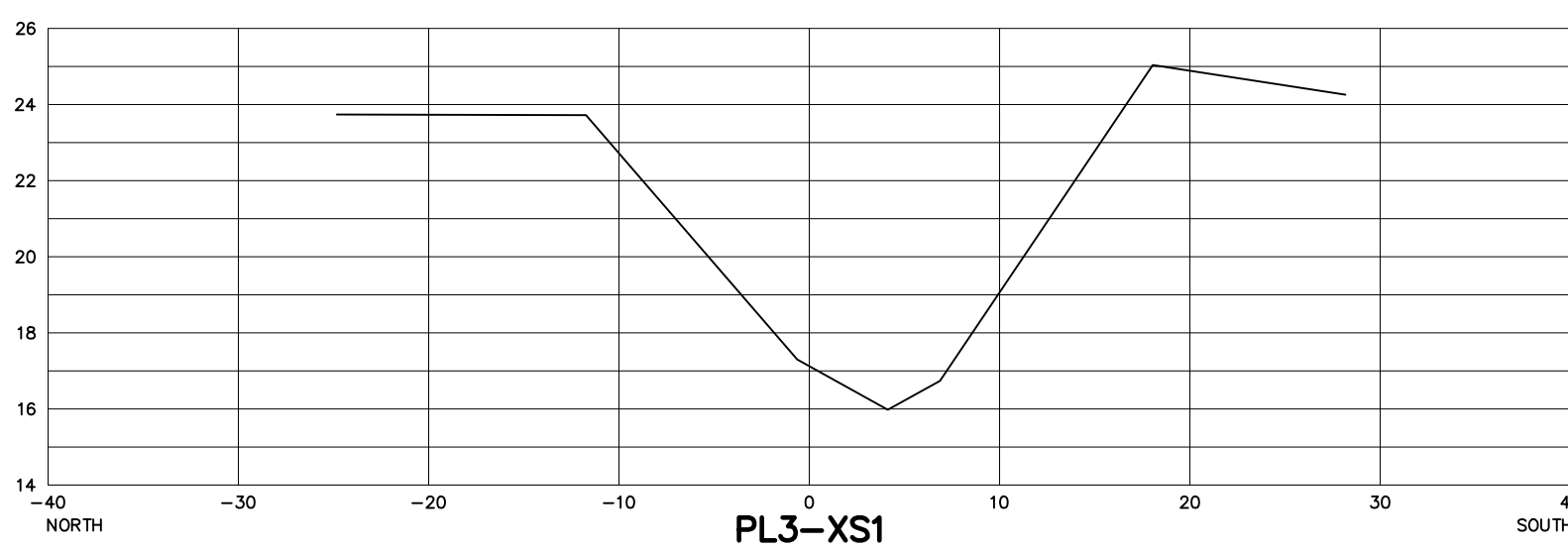
SUBLATERAL PL-3
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



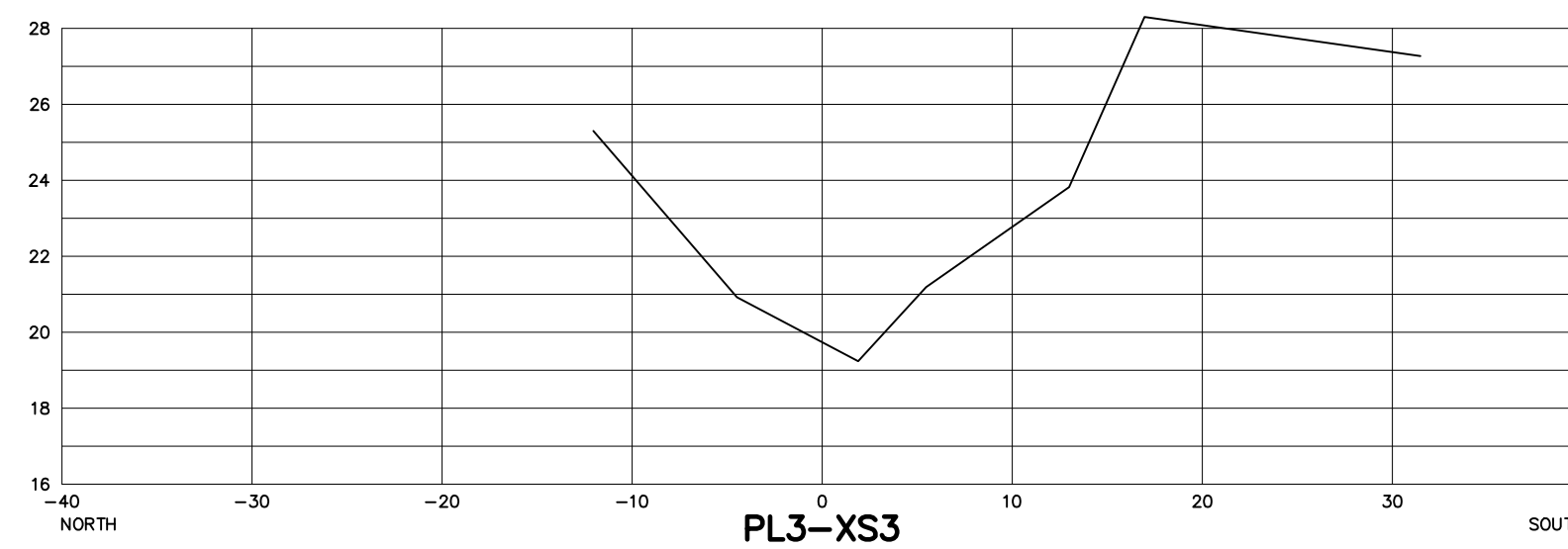
PL3-XS2



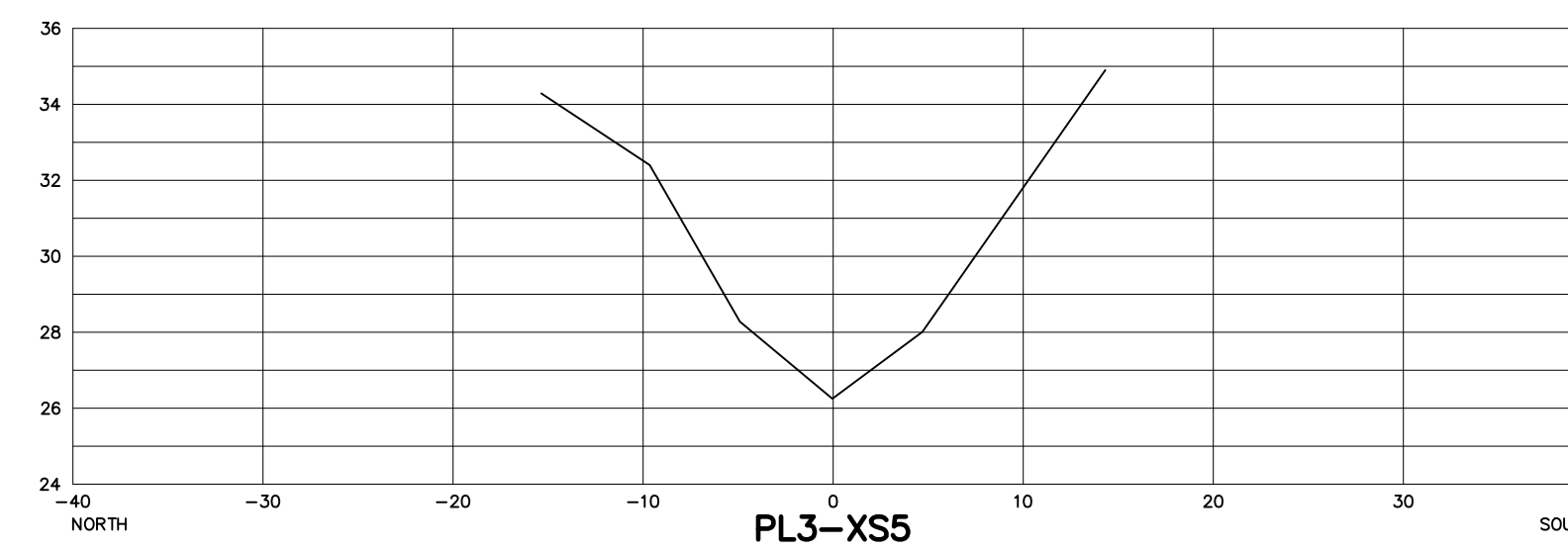
PL3-XS4



PL3-XS1



PL3-XS3



PL3-XS5

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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

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VERTICAL DATUM NOTE:
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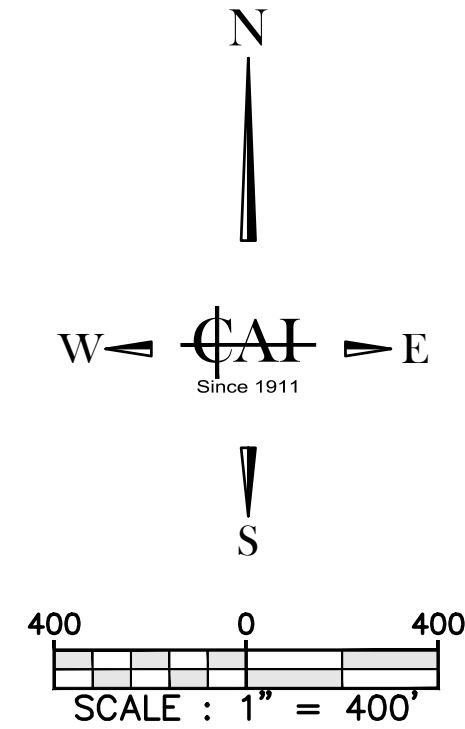
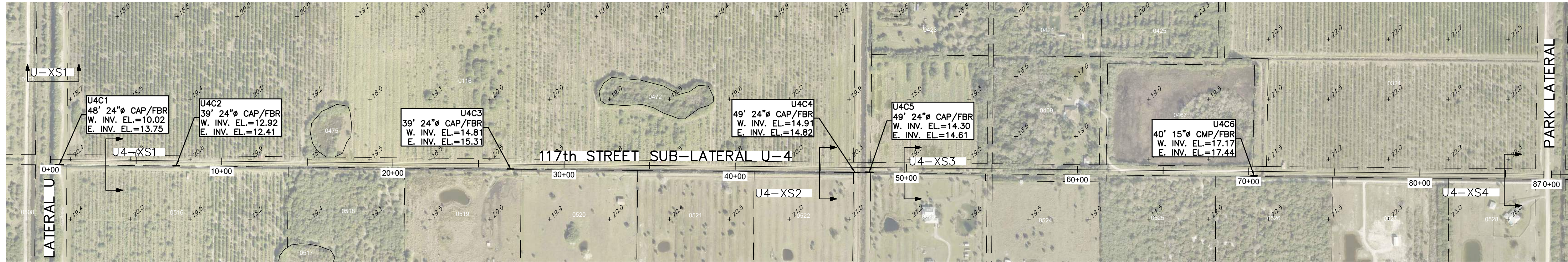
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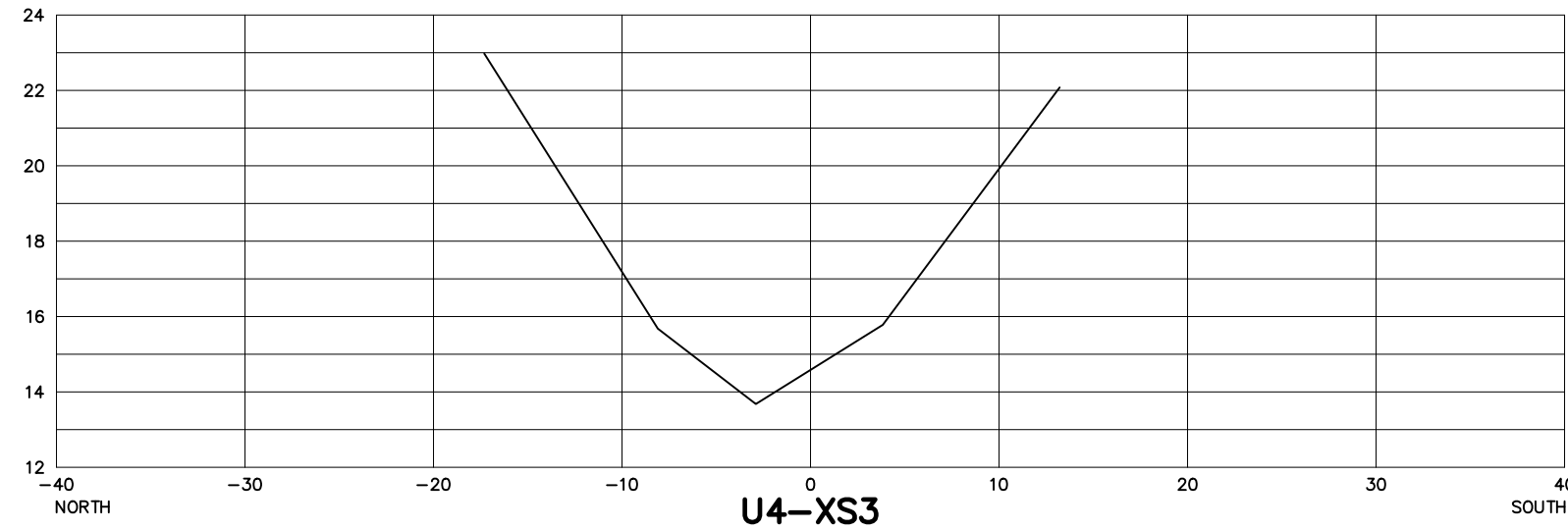
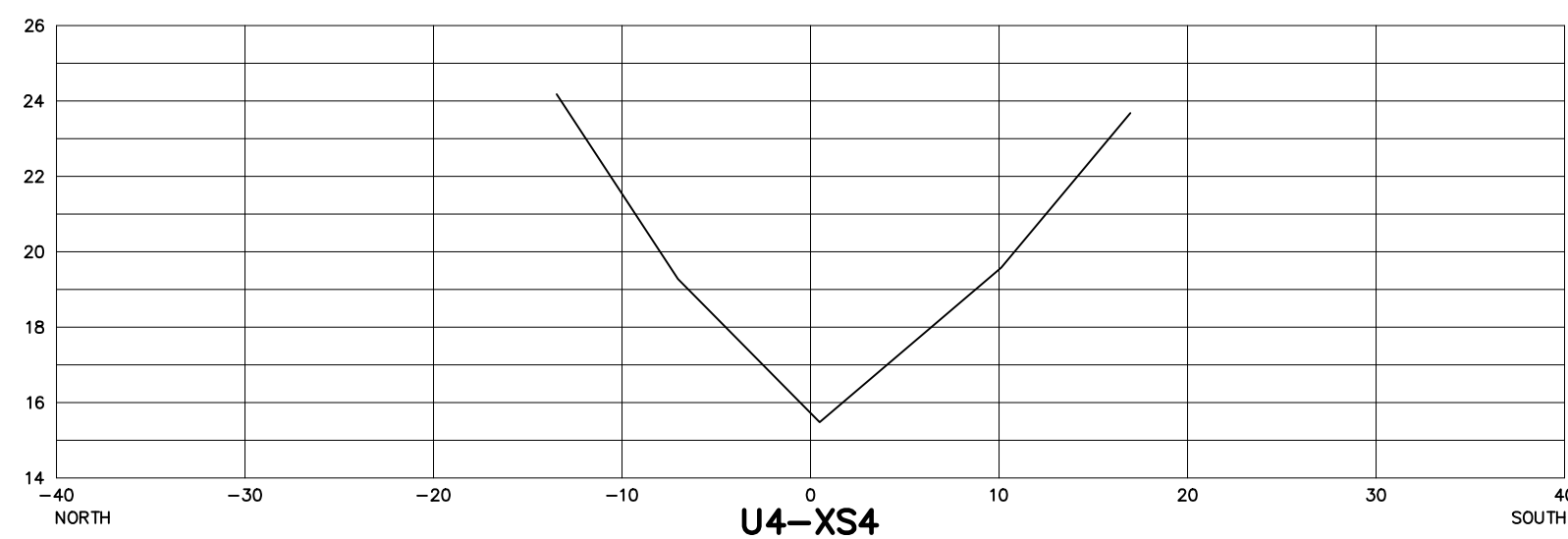
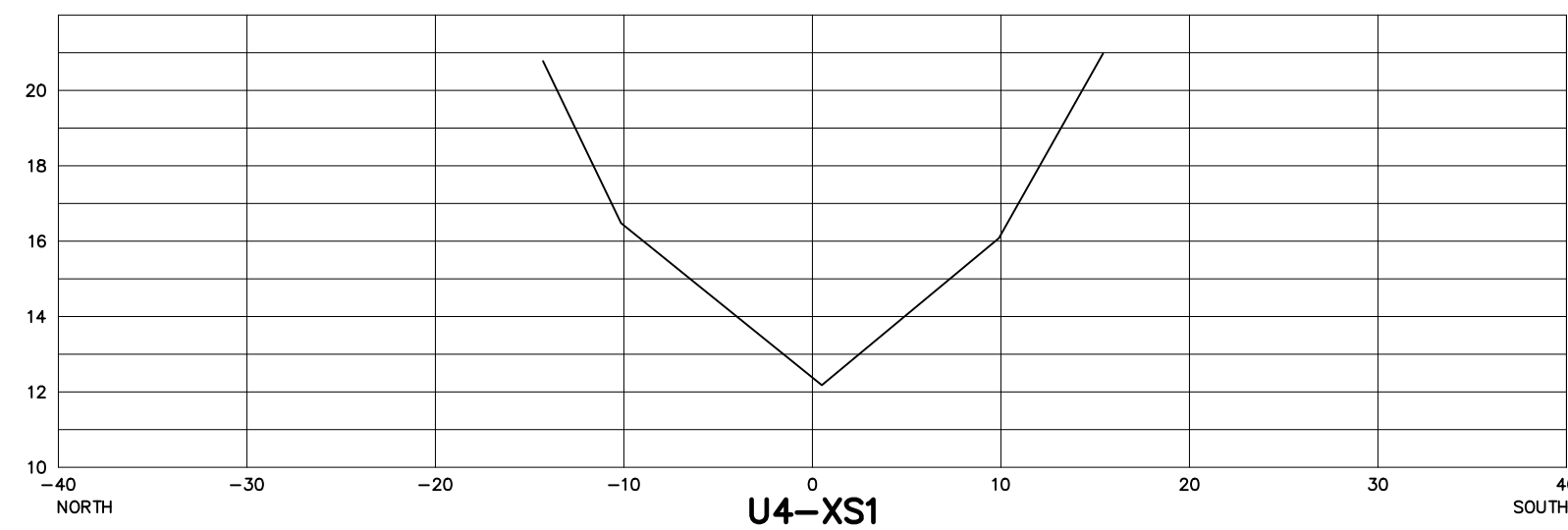
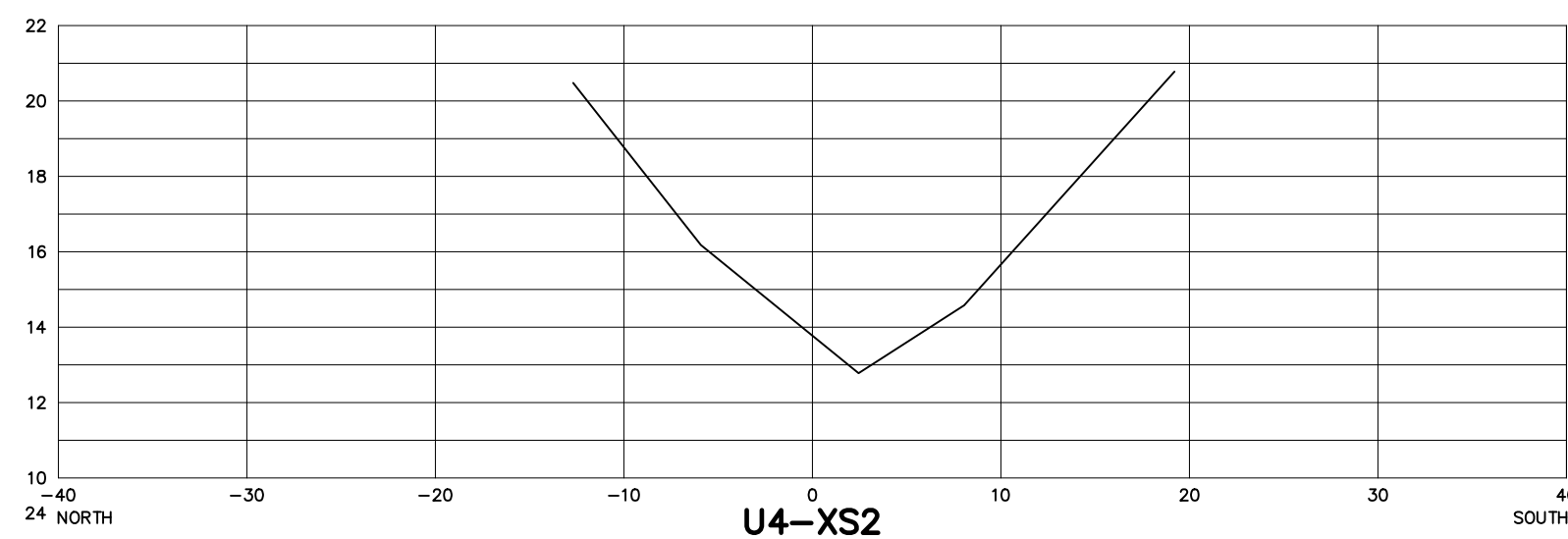
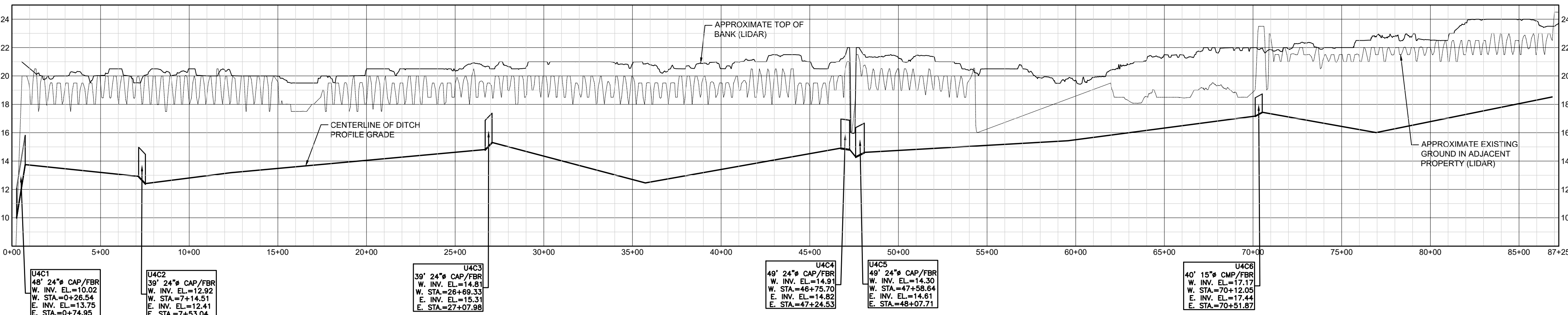
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-3 119TH ST**

SHEET
C-6
DWG. NO:



SUBLATERAL U-4
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

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VERTICAL DATUM NOTE:
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DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
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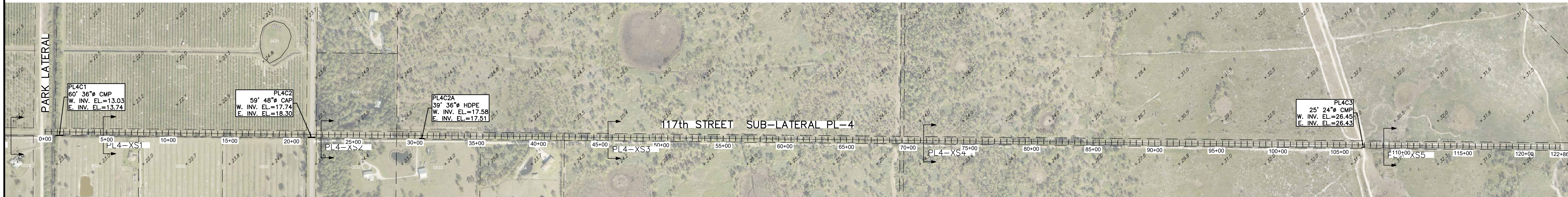
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DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

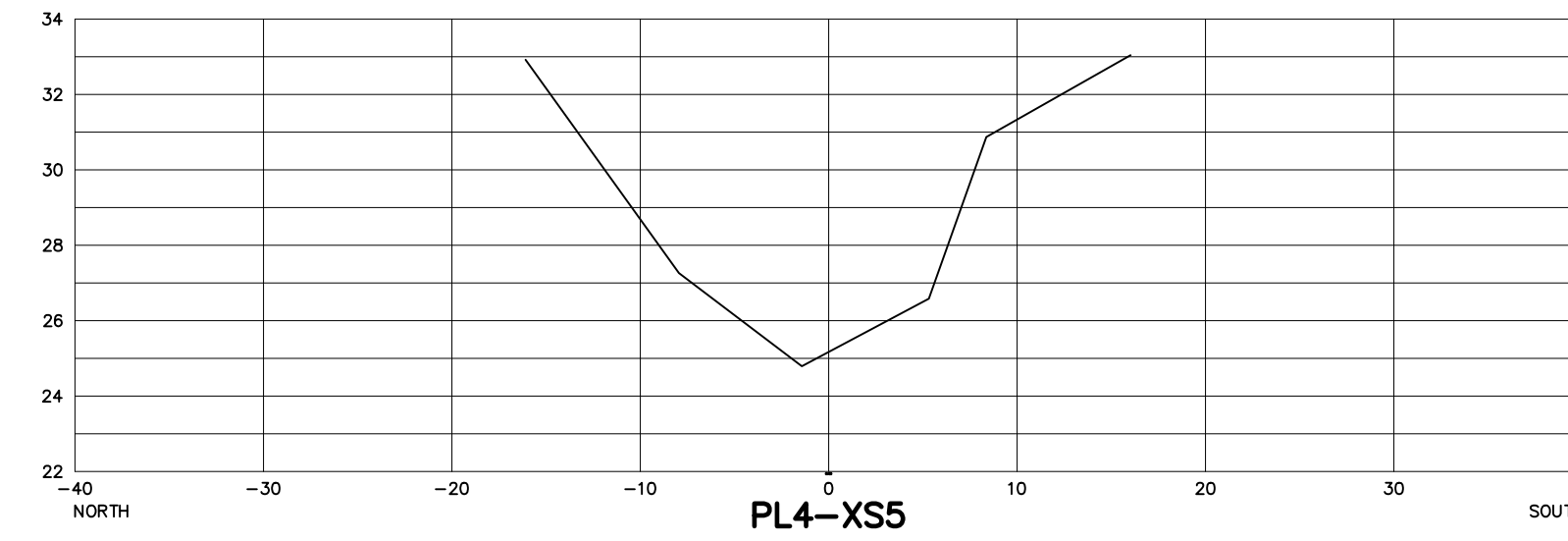
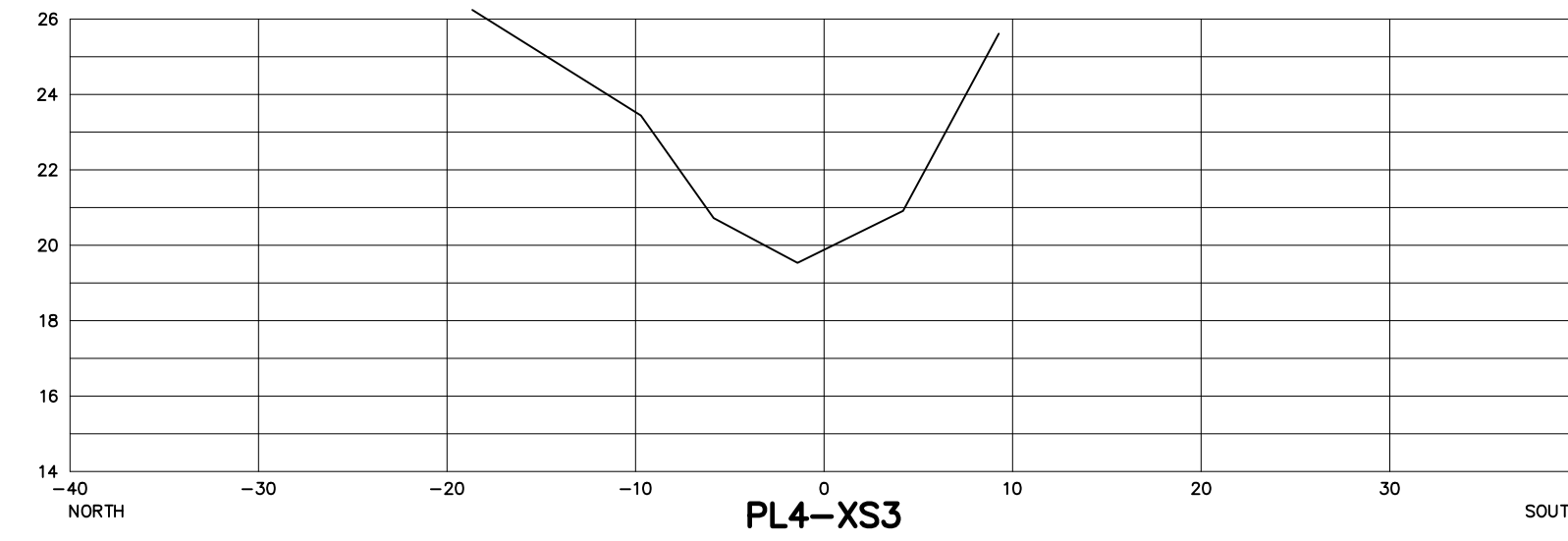
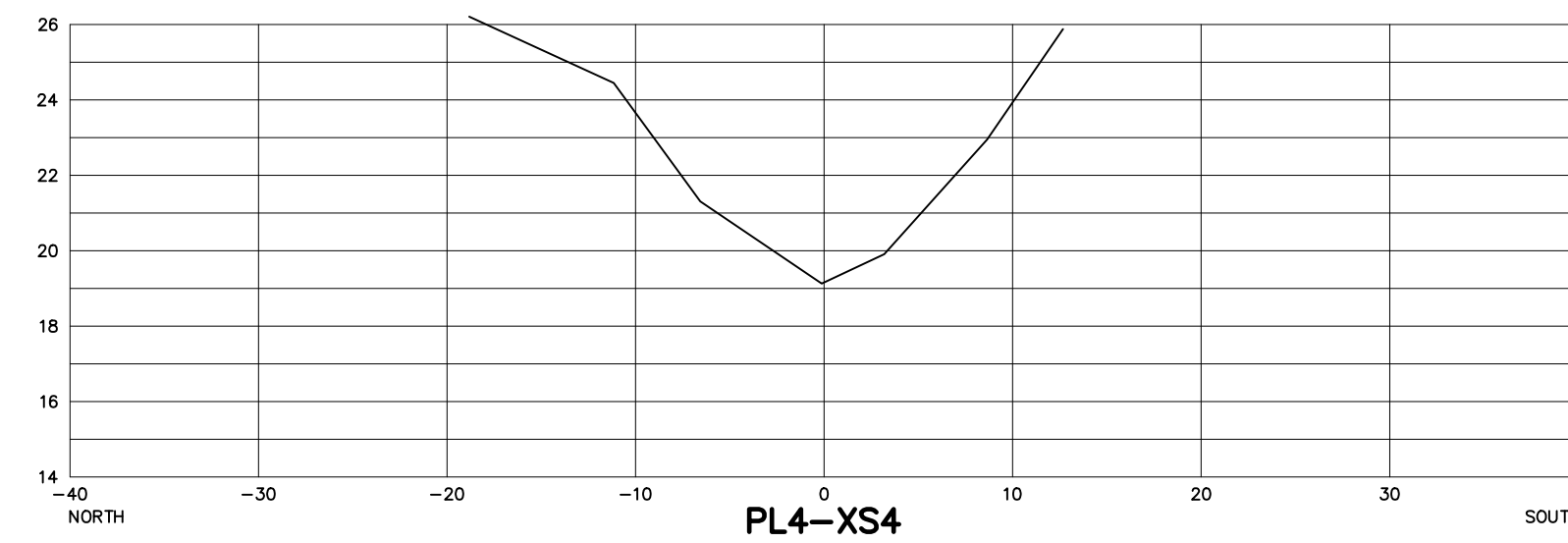
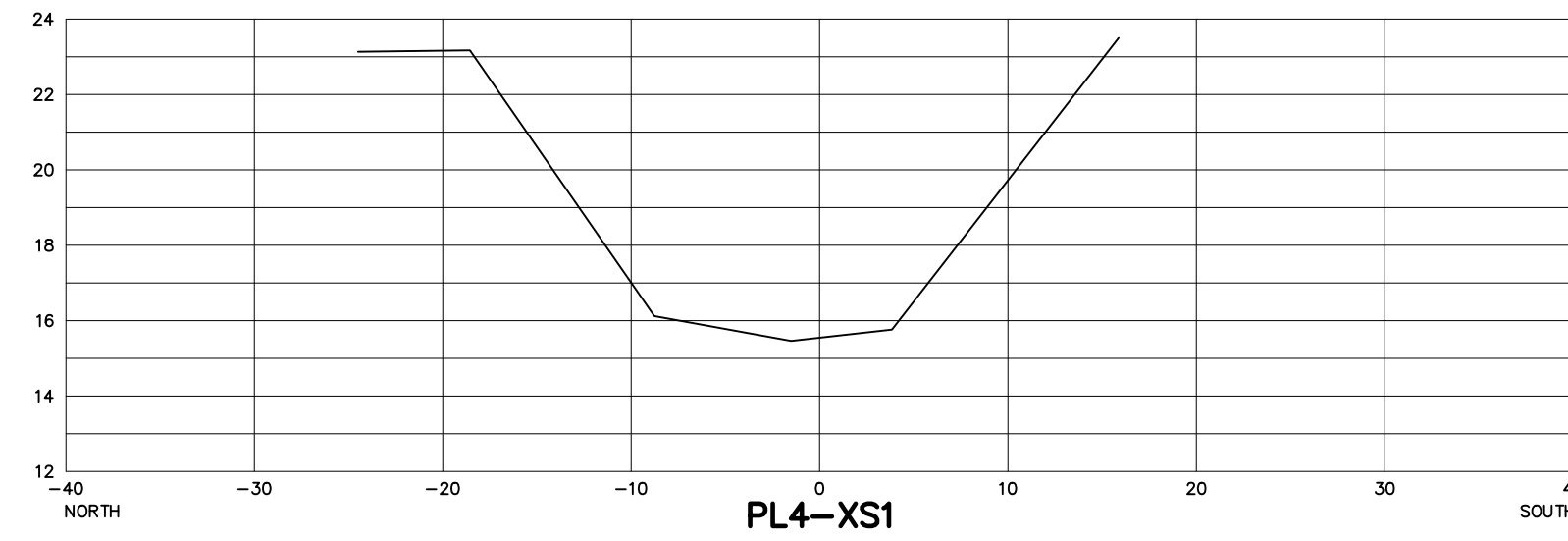
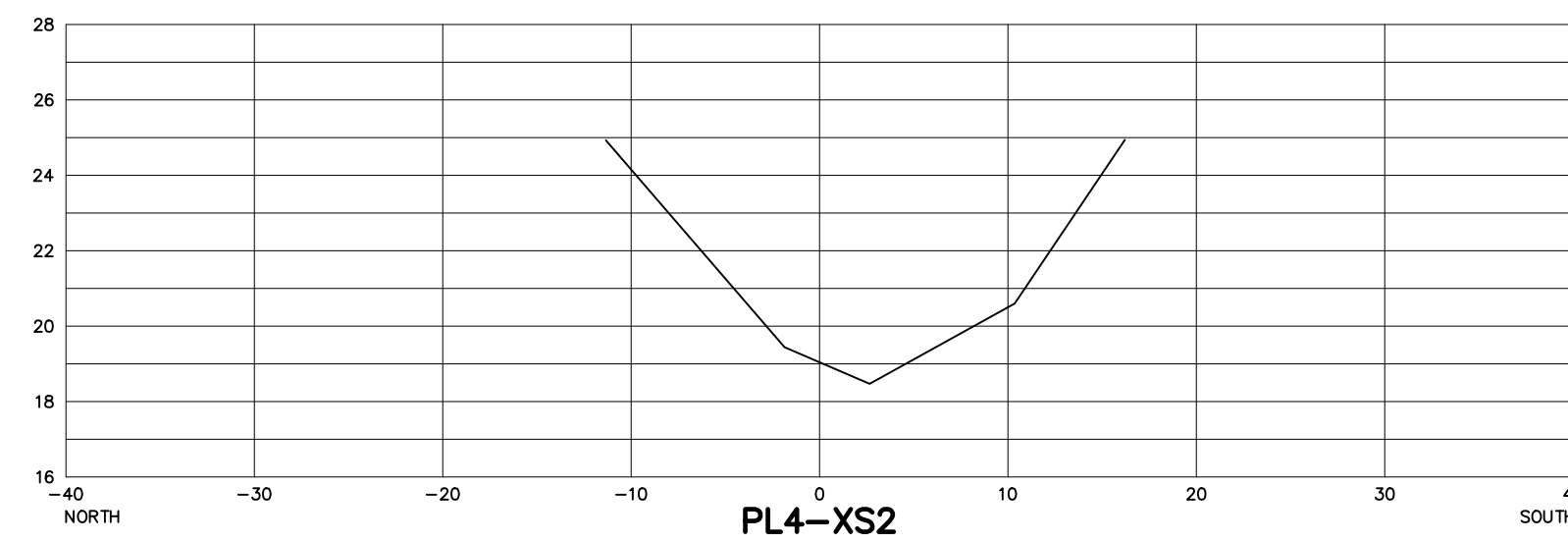
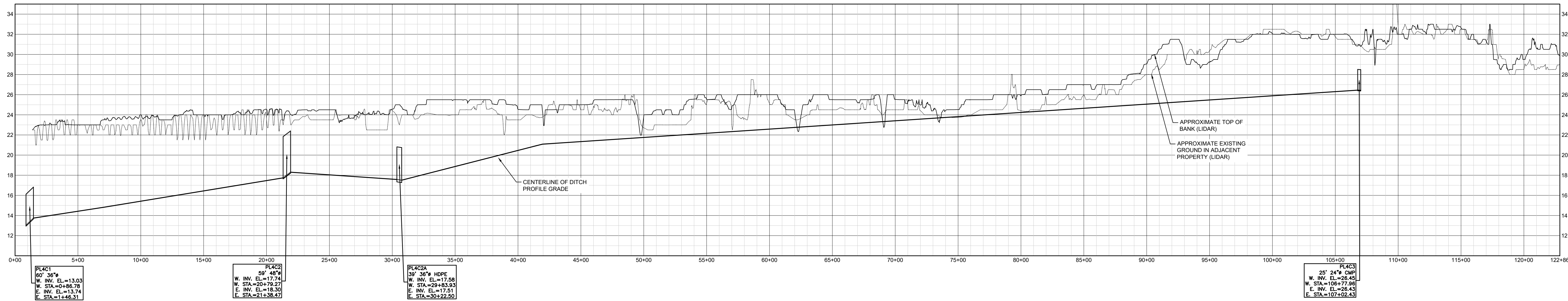
SHEET TITLE:
SUBLATERAL U-4
117TH ST

SHEET
C-7
DWG. NO:

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Jun 28, 24, 1:21 PM

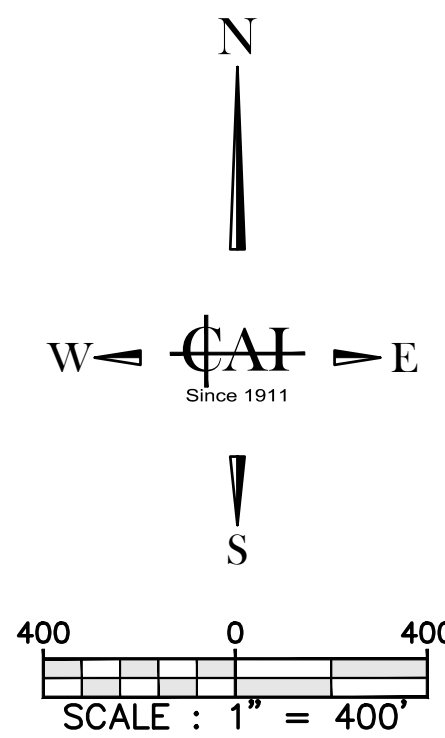


SUBLATERAL PL-4
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

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VERTICAL DATUM NOTE:
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DATUM OF 1988 (NAVD 1988)

CAI
CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911
CONSULTING ENGINEERS
AND LAND SURVEYORS
1708 21ST STREET
VERO BEACH, FL 32960
TEL: (772) 562-4191
EMAIL: DLach@Carterassoc.com

FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0640

NO.	REVISION	DATE
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

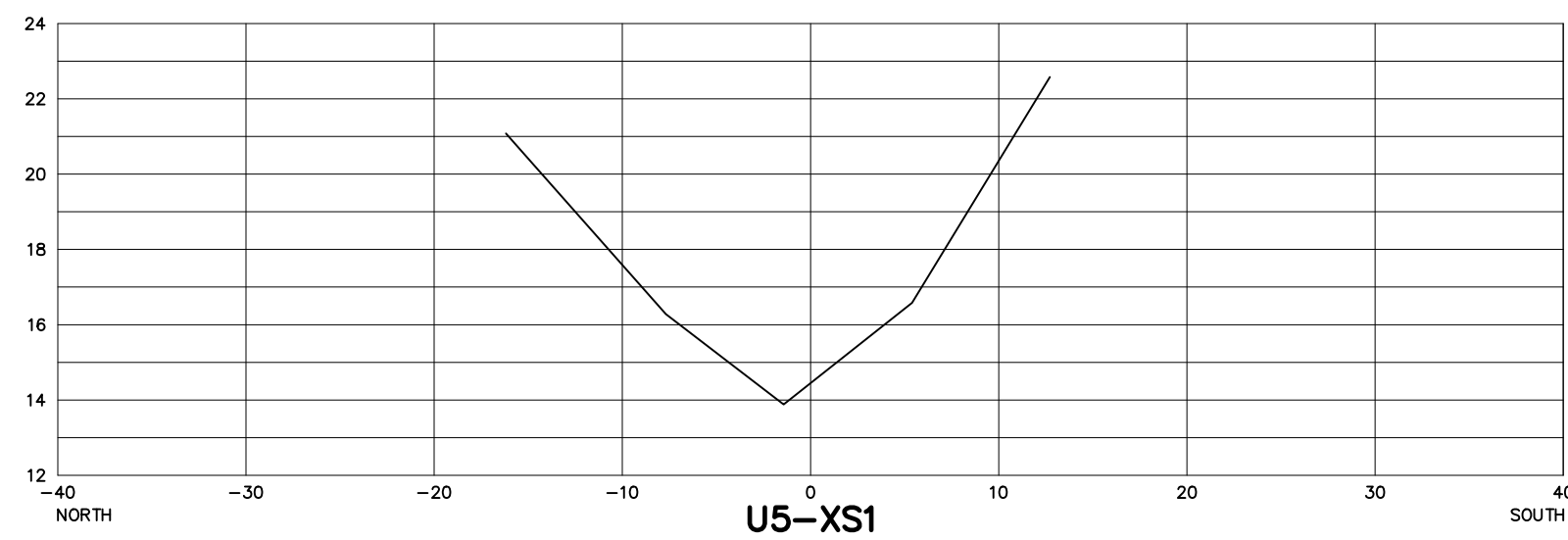
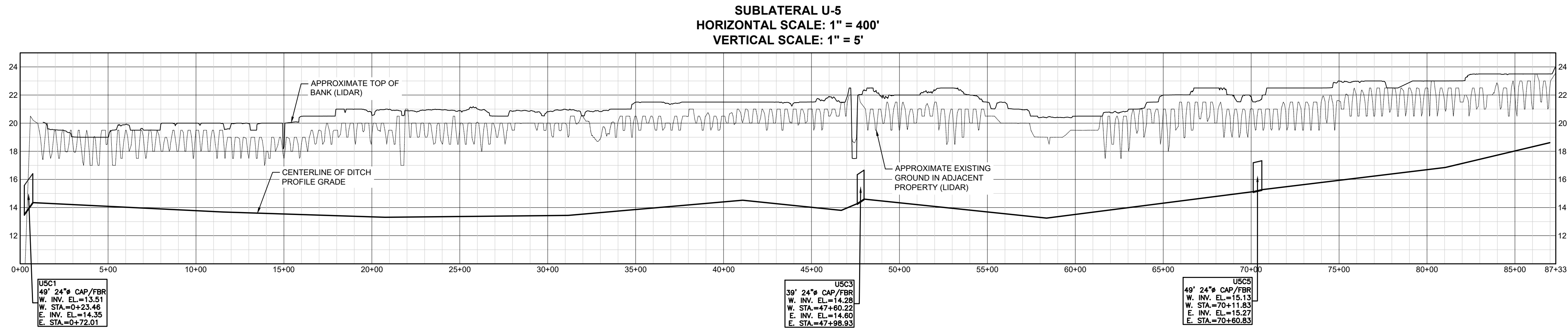
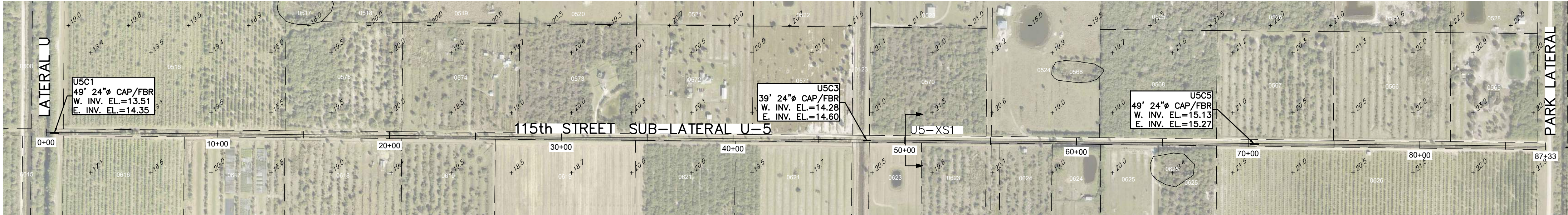
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-4 117TH ST**

SHEET
C-8
DWG. NO:

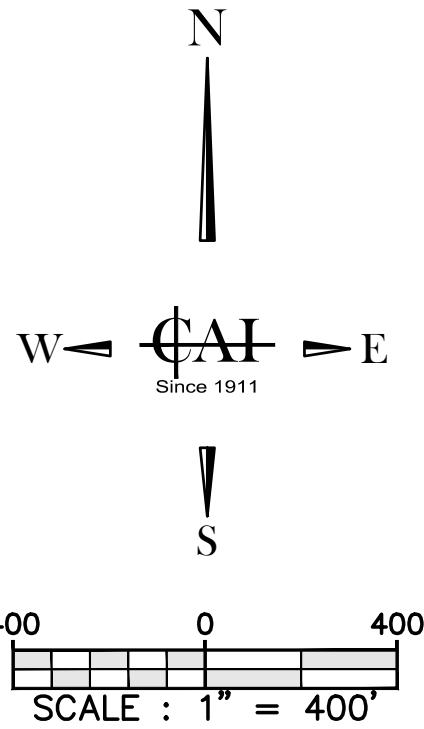
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Jun 28, 24, 1:21 PM



HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'
SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

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CONTROL DISTRICT**
109 WILLOW STREET
FELLSMERE, FL 32948
TEL: 772-571-0640
EMAIL: tsakuma@sdsinc.org

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**FELLSMERE WATER CONTROL
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INDIAN RIVER COUNTY, FLORIDA

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DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL U-5
115TH ST**

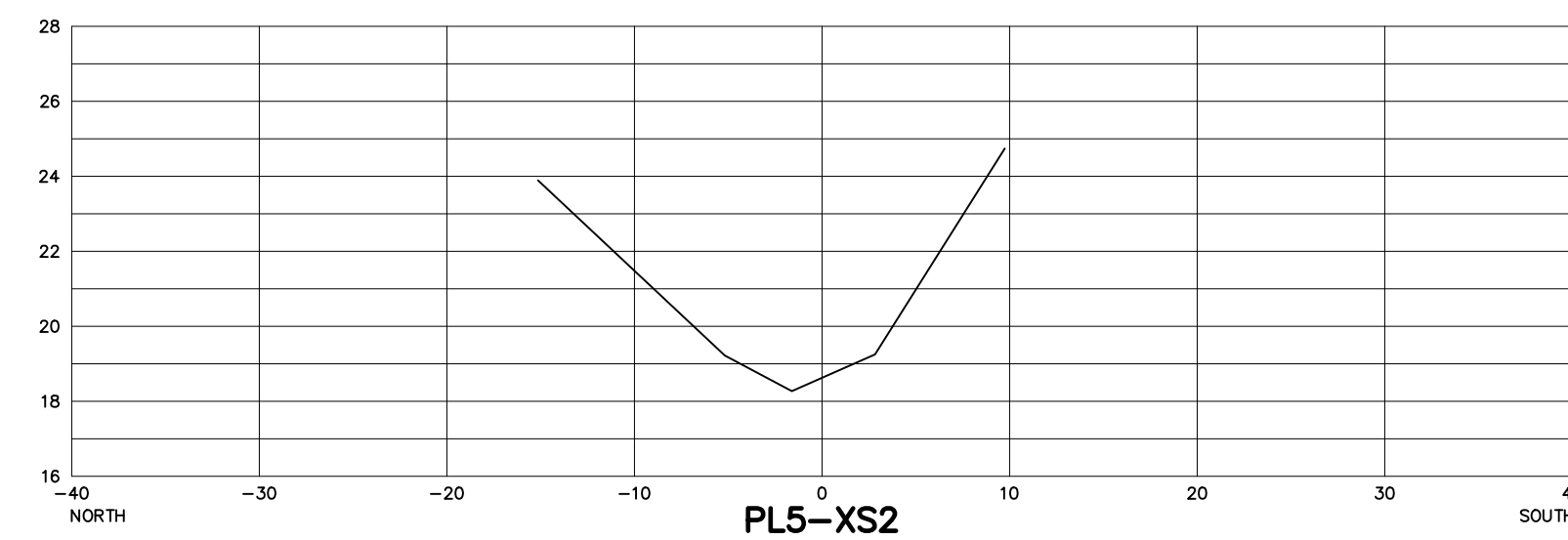
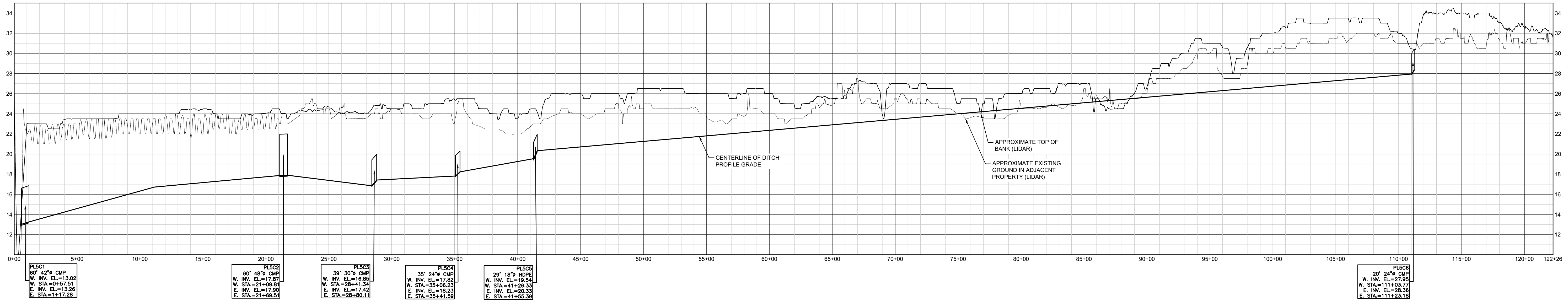
SHEET
C-9

DWG. NO:

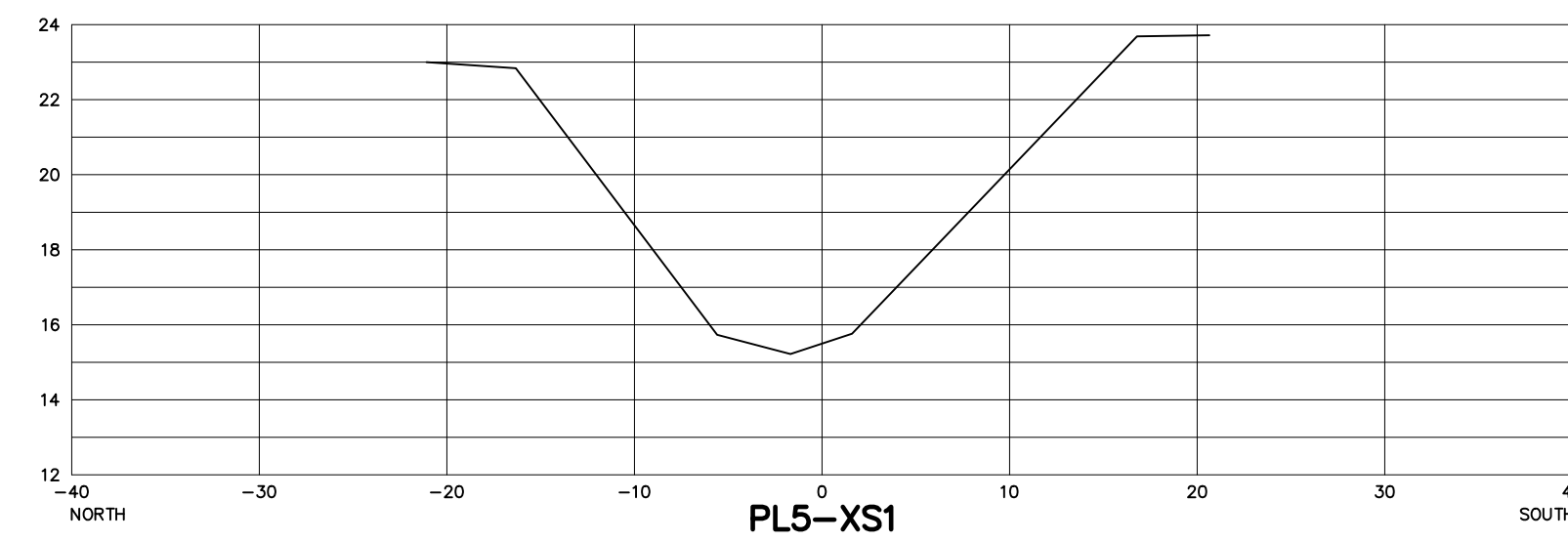
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Jun, 28, 24, 1:27 PM



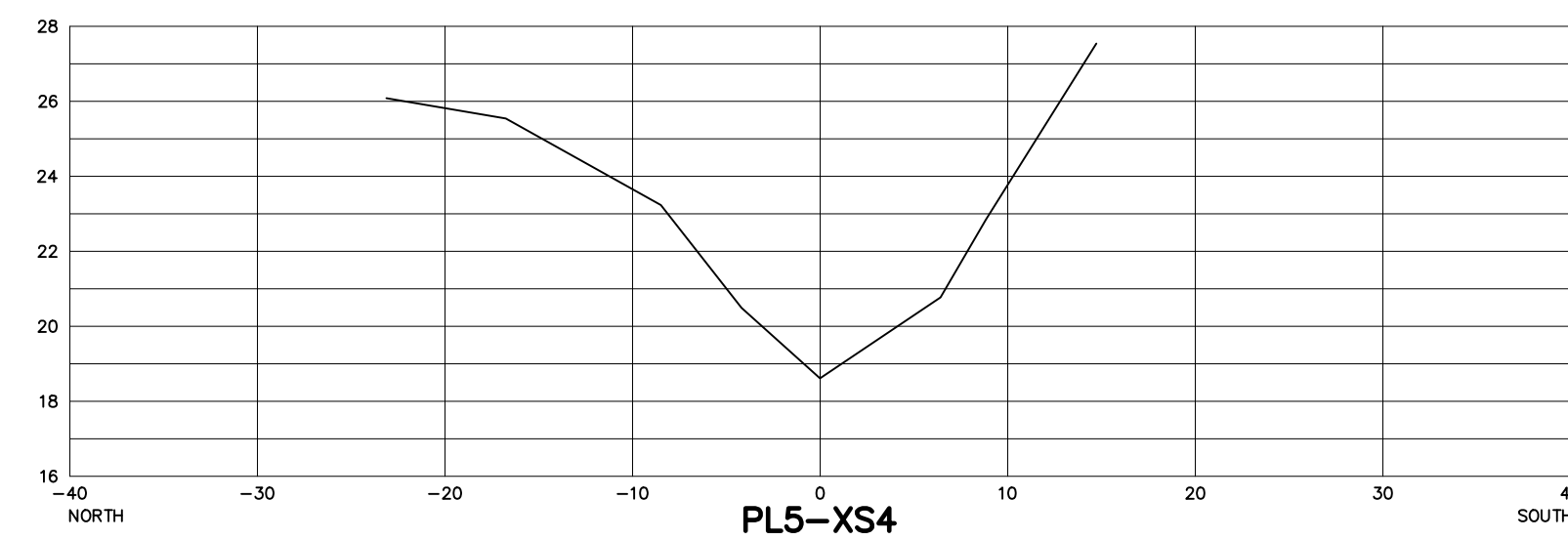
SUBLATERAL PL-5
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



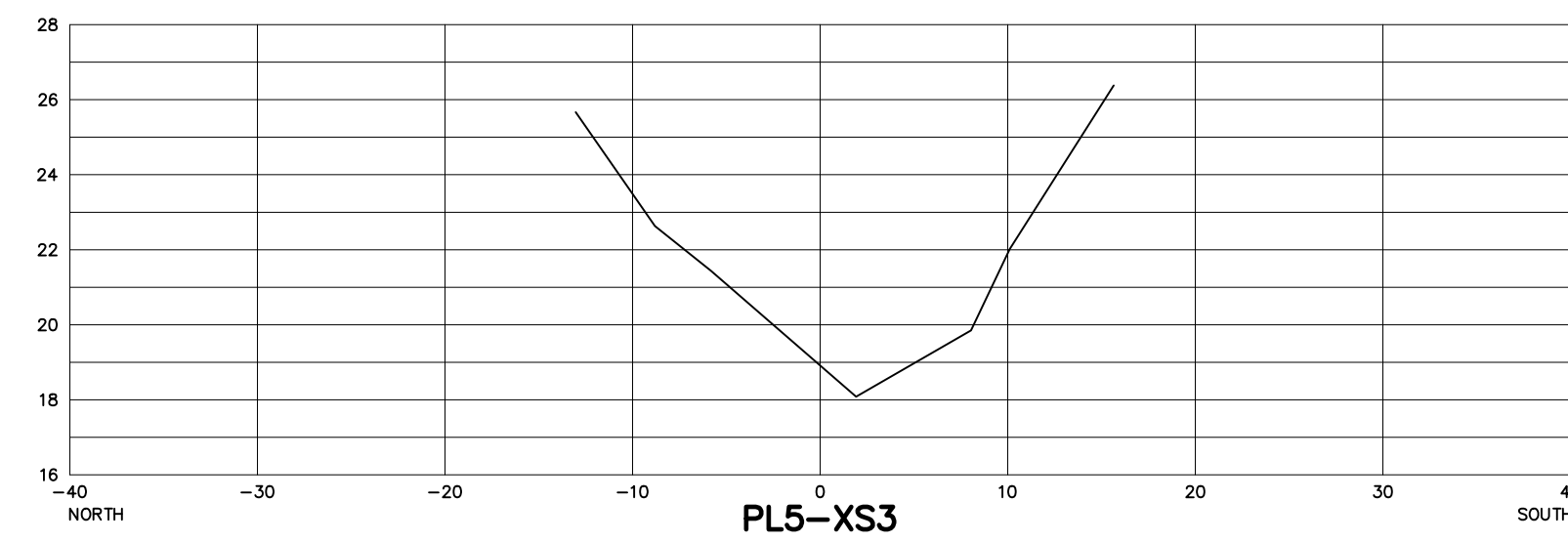
PL5-XS2



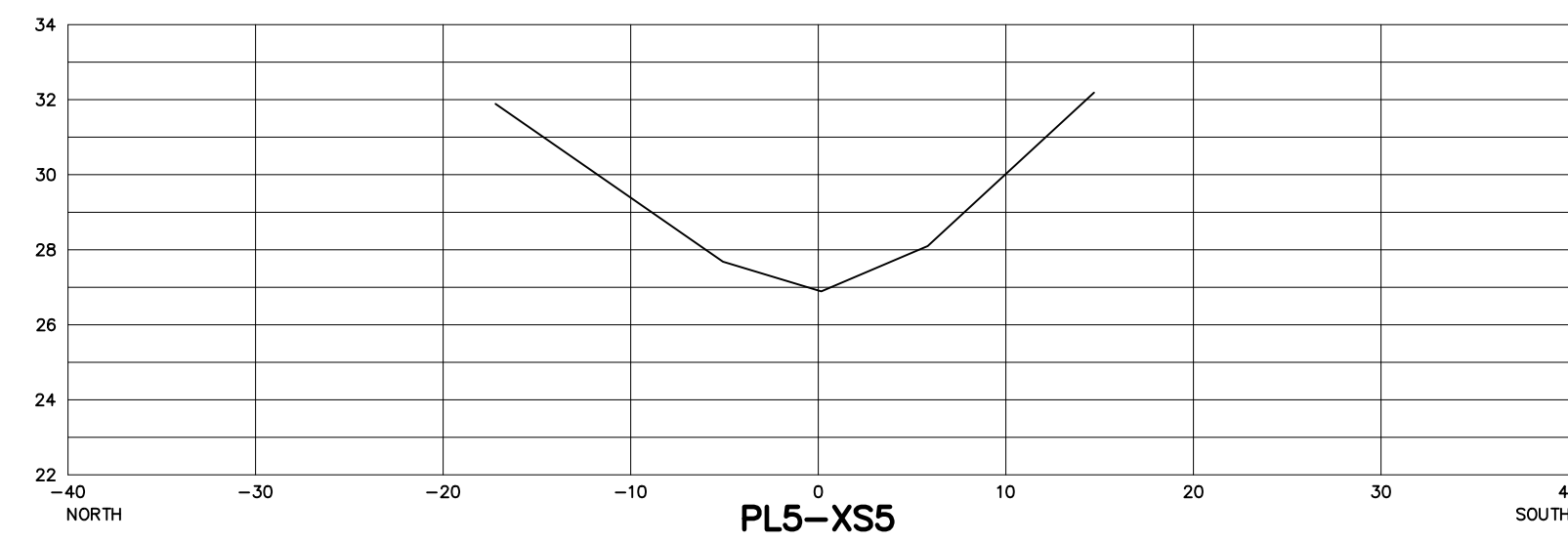
PL5-XS1



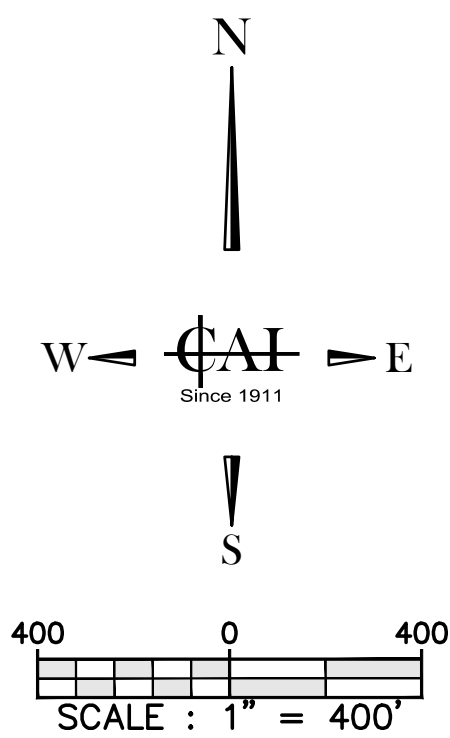
PL5-XS4



PL5-XS3



PL5-XS5



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N.A.V.D. 1988

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DATUM OF 1988 (NAVD 1988)

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'
SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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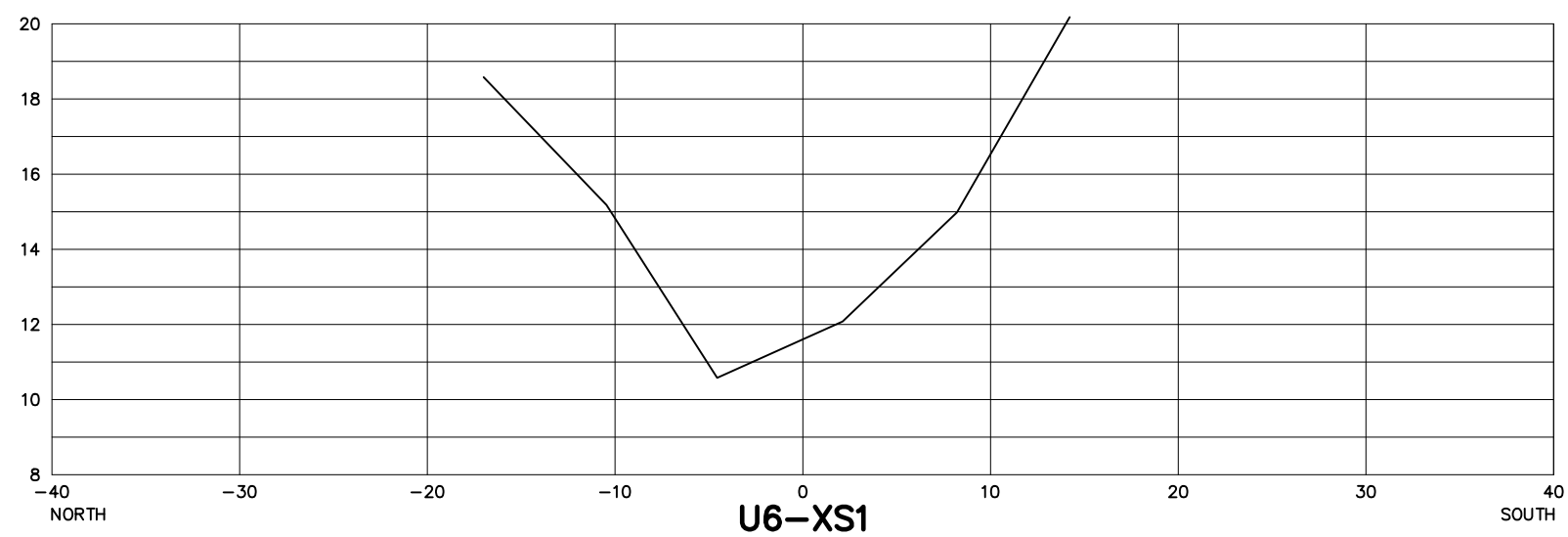
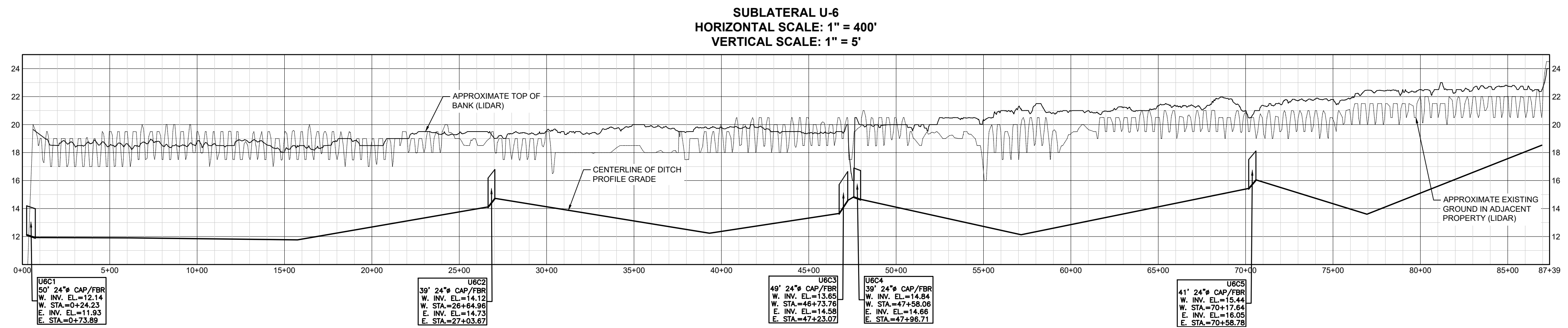
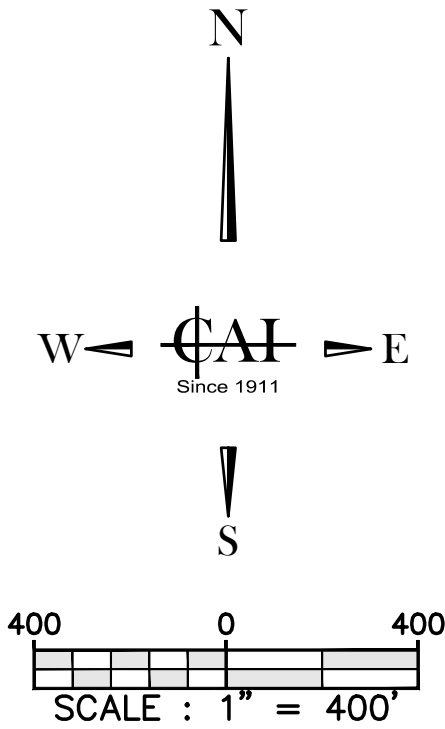
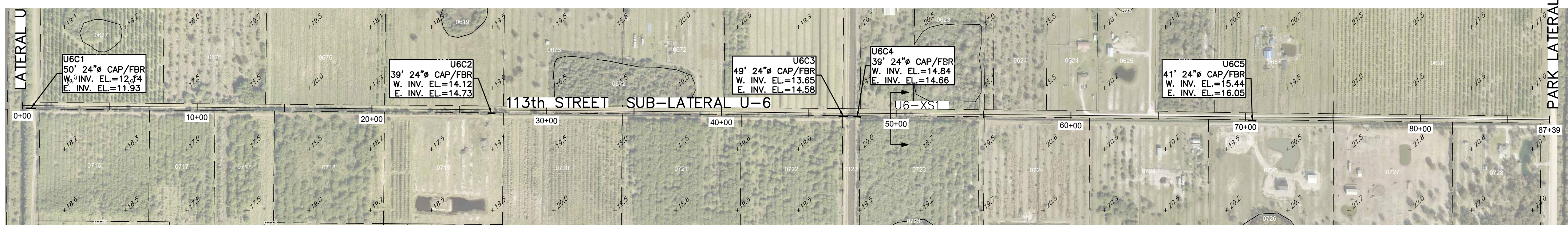
THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-5 115TH ST**

SHEET
C-10
DWG. NO:

P:\FWCD\0608 E - FWCD Culvert Inventory\Drawings\06E - FWCD Culvert Inventory\Jug. 11, Garret Miller
Jun. 28, 24, 1:22 PM



SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NAVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
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REFERENCED TO THE NORTH AMERICAN VERTICAL
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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0640

NO.	REVISION	DATE
1		
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

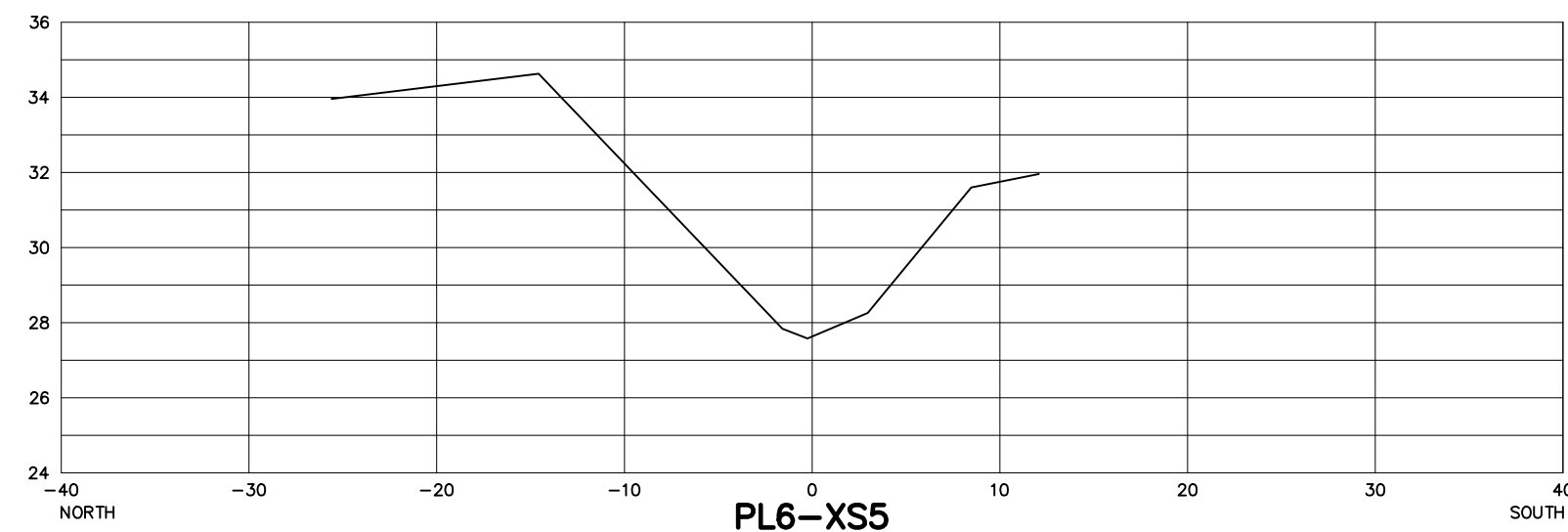
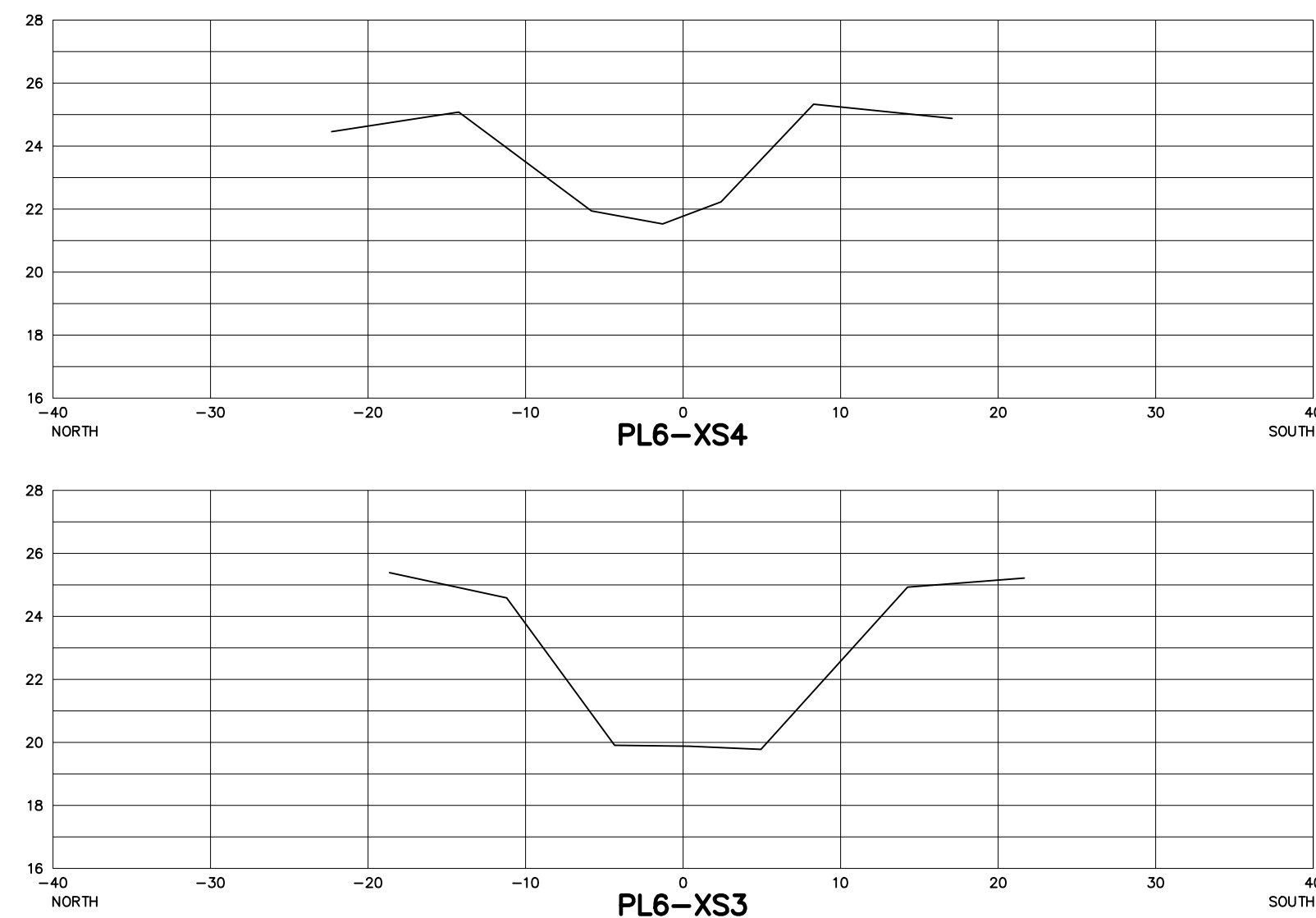
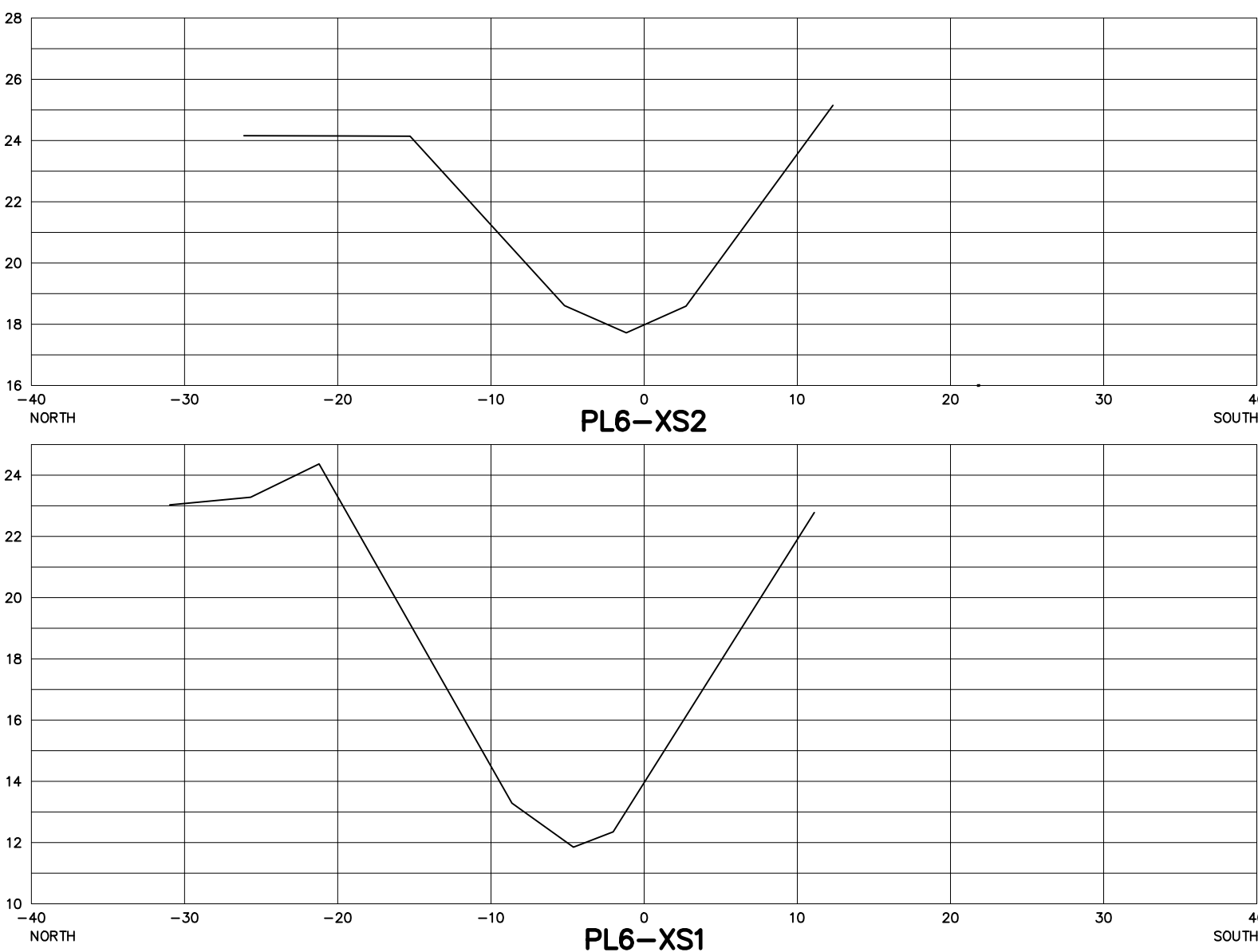
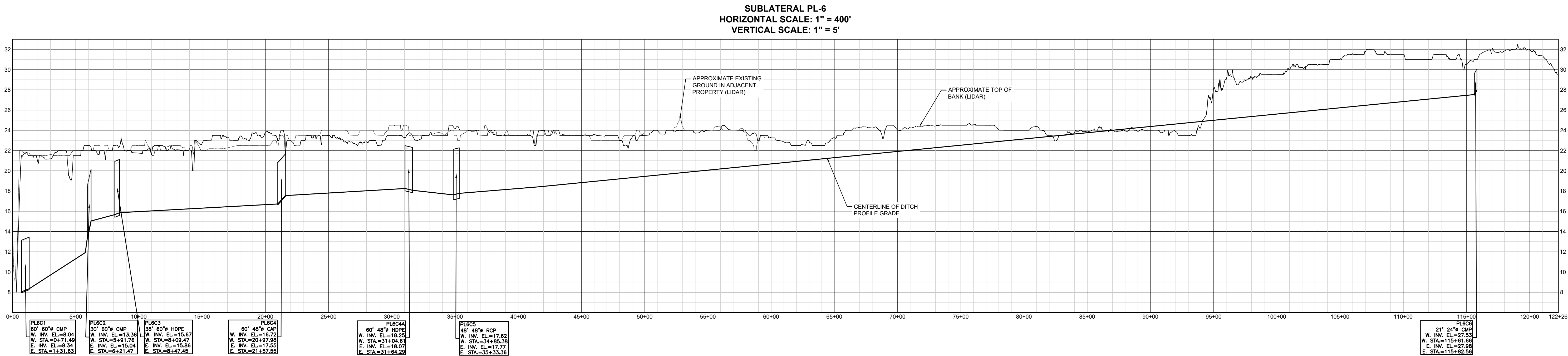
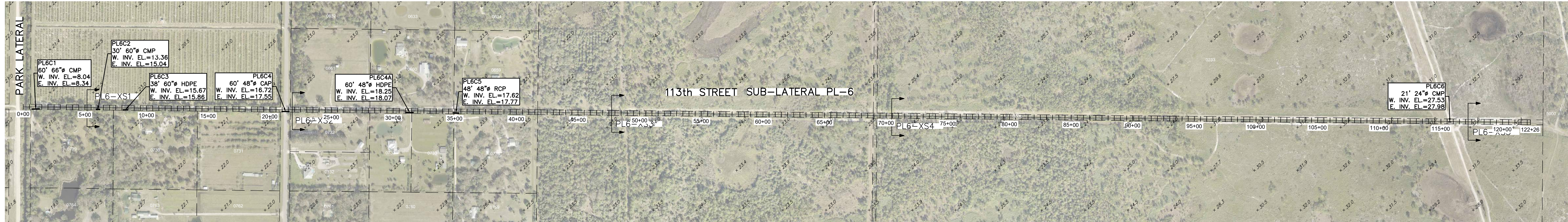
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-6 113TH ST**

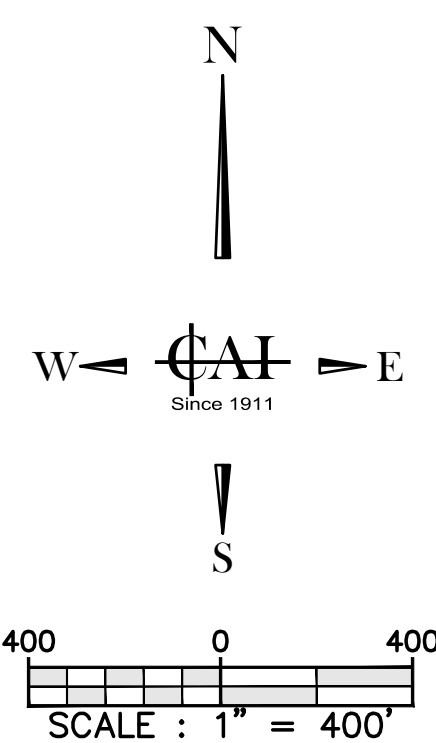
SHEET
C-11

DWG. NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42



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VERTICAL DATUM NOTE:
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CAI
CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911
CONSULTING ENGINEERS
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1708 21ST STREET
VERO BEACH, FL 32960
TEL: (772) 562-1191
EMAIL: DLach@Carterassoc.com
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CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0640

NO.	REVISION	DATE

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

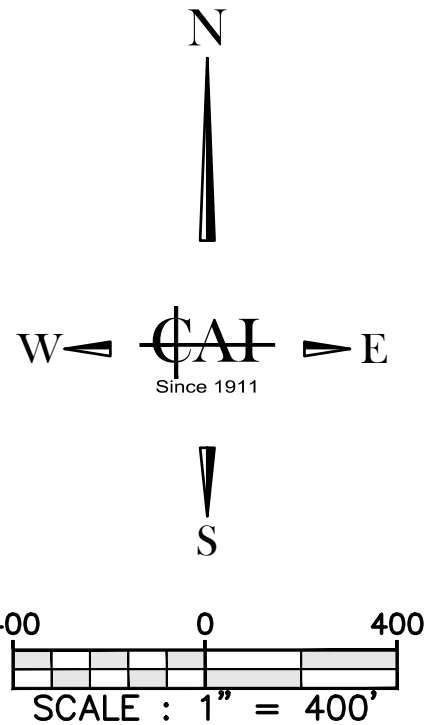
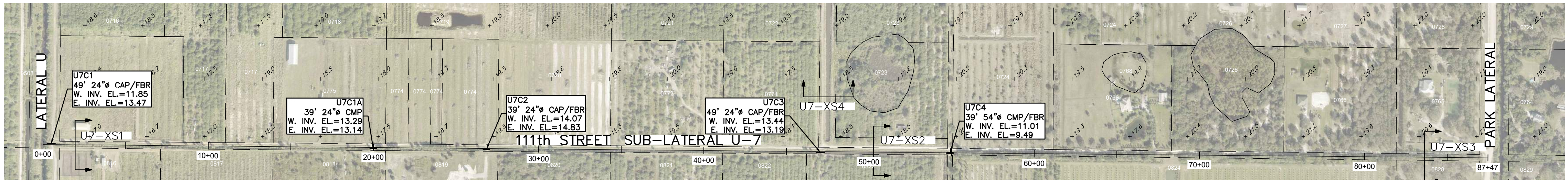
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DATE : Jun 2024
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REF. # : 01-83E
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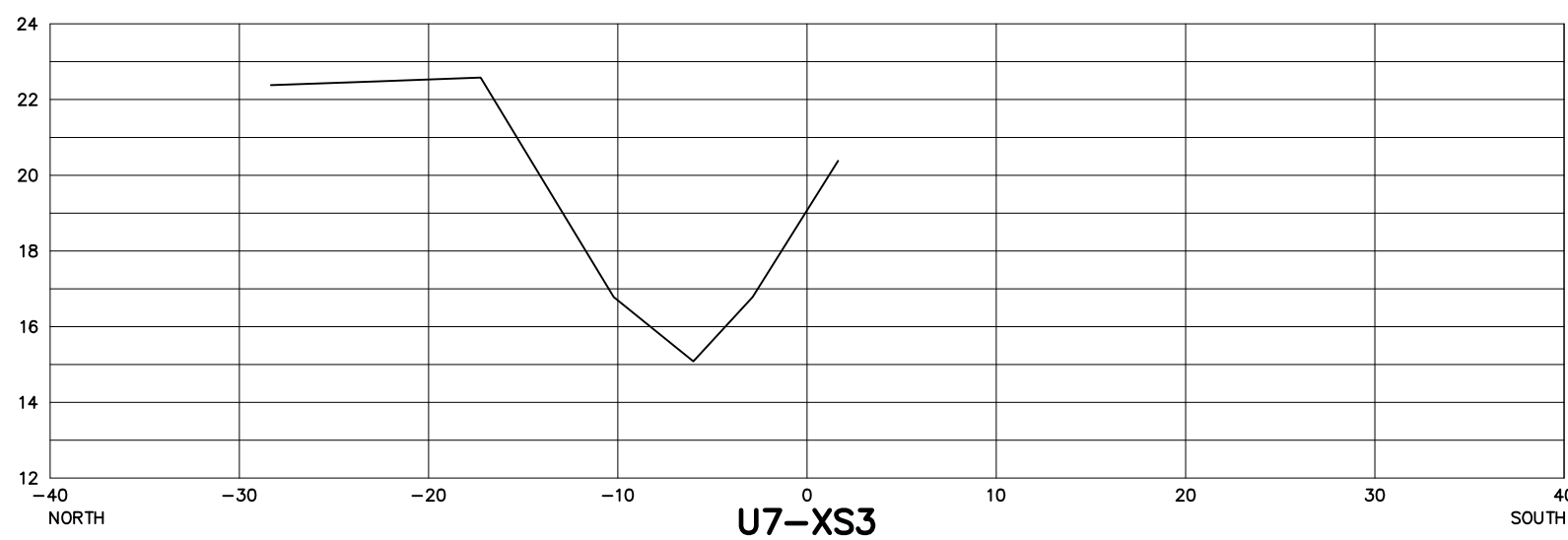
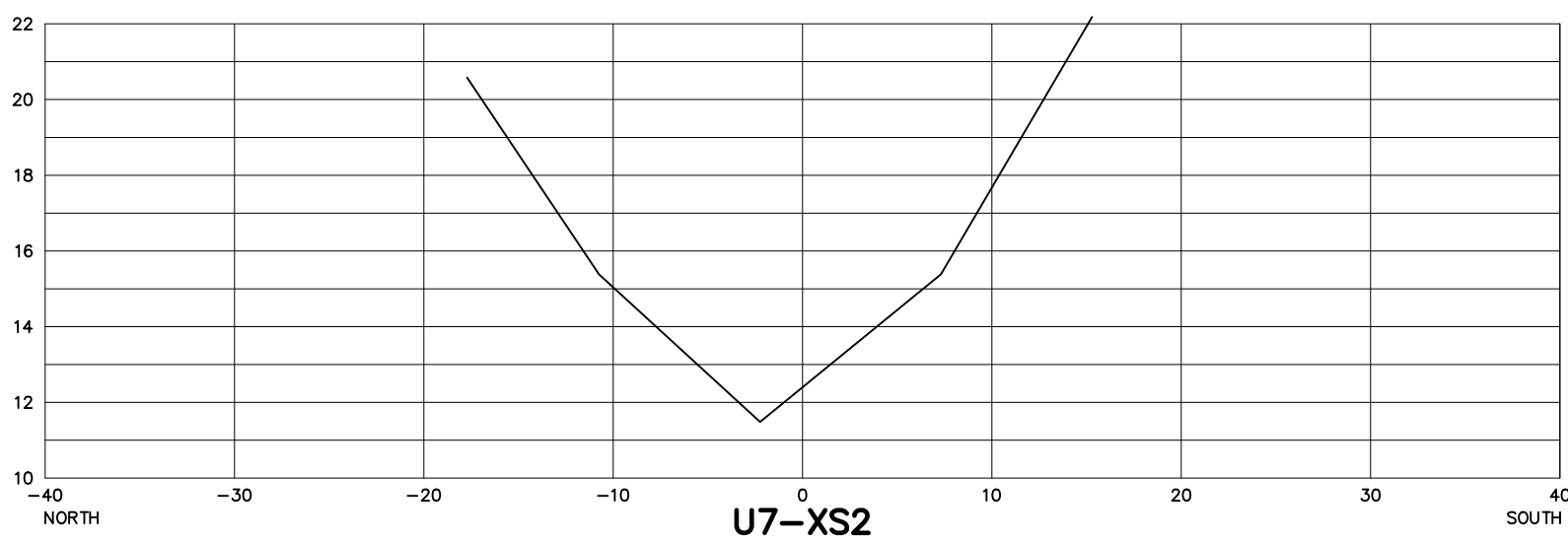
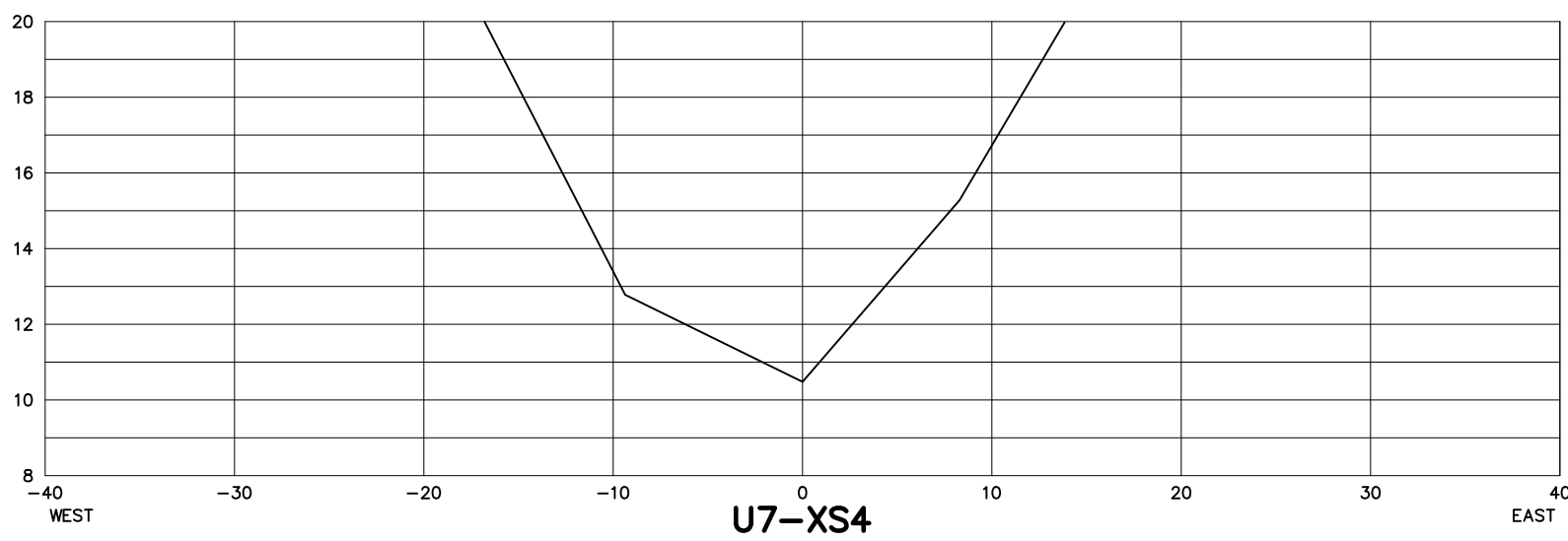
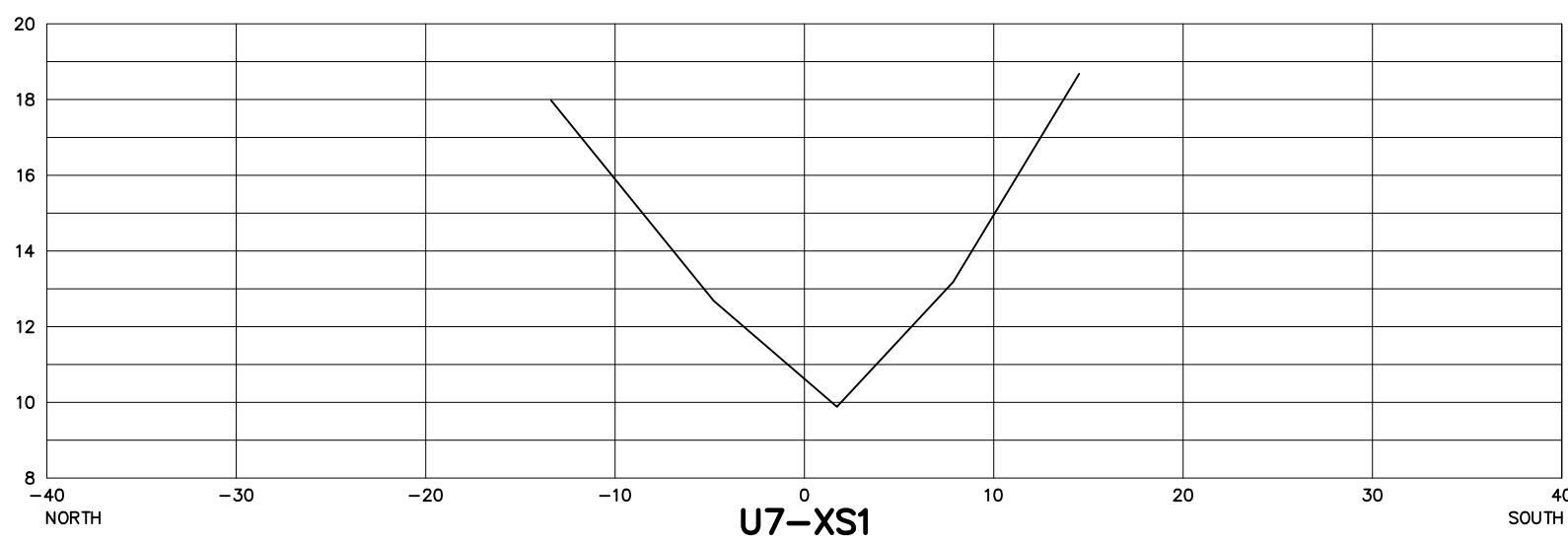
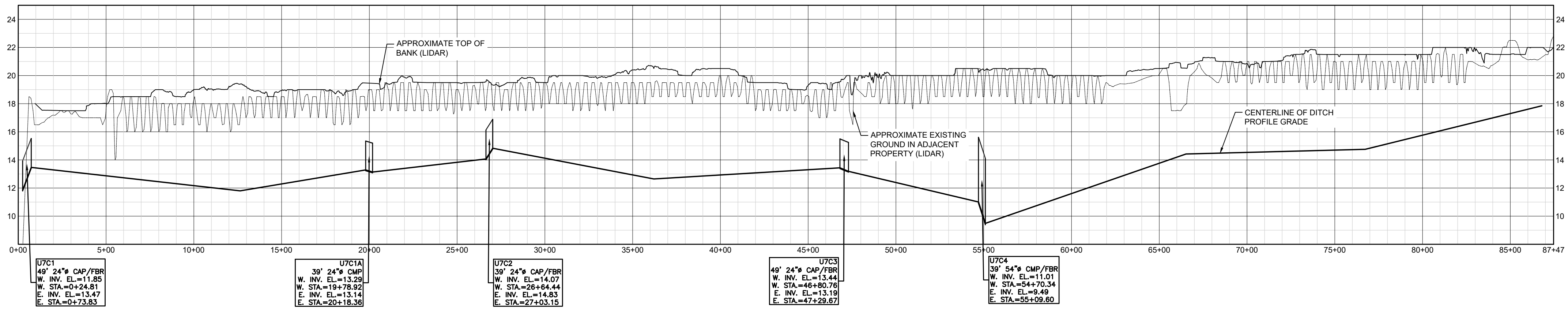
SHEET TITLE:
**SUBLATERAL
PL-6 113TH ST**

SHEET
C-12

DWG. NO:



SUBLATERAL U-7
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NAVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

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DATE	REVISION	NO.

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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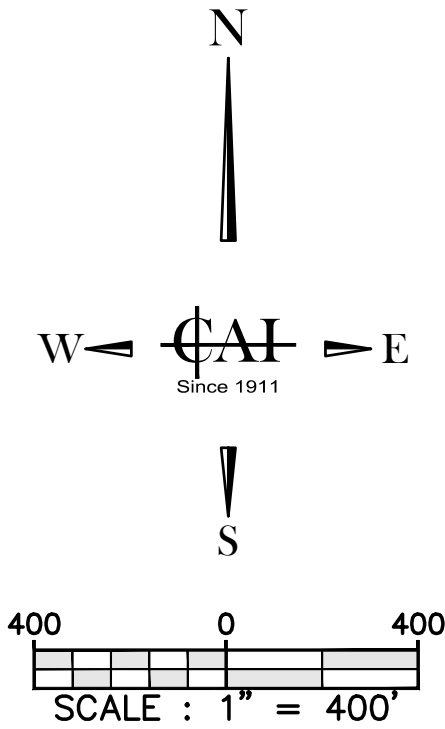
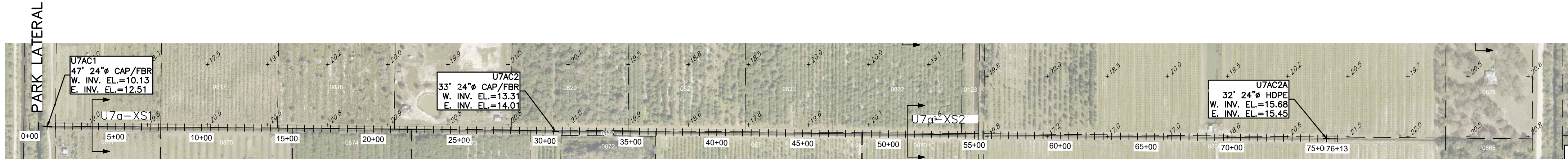
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
SUBLATERAL U-7
111TH ST

SHEET
C-13

DWG. NO:

P:\FWCD\0609 E - FWCD Culvert Inventory\Drawings\06E - FWCD Culvert Inventory\Draw 13a - Garrett Miller
Jun 28, 24, 1:27 PM




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CONTROL DISTRICT
109 WILLOW STREET
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NO.	REVISION	DATE

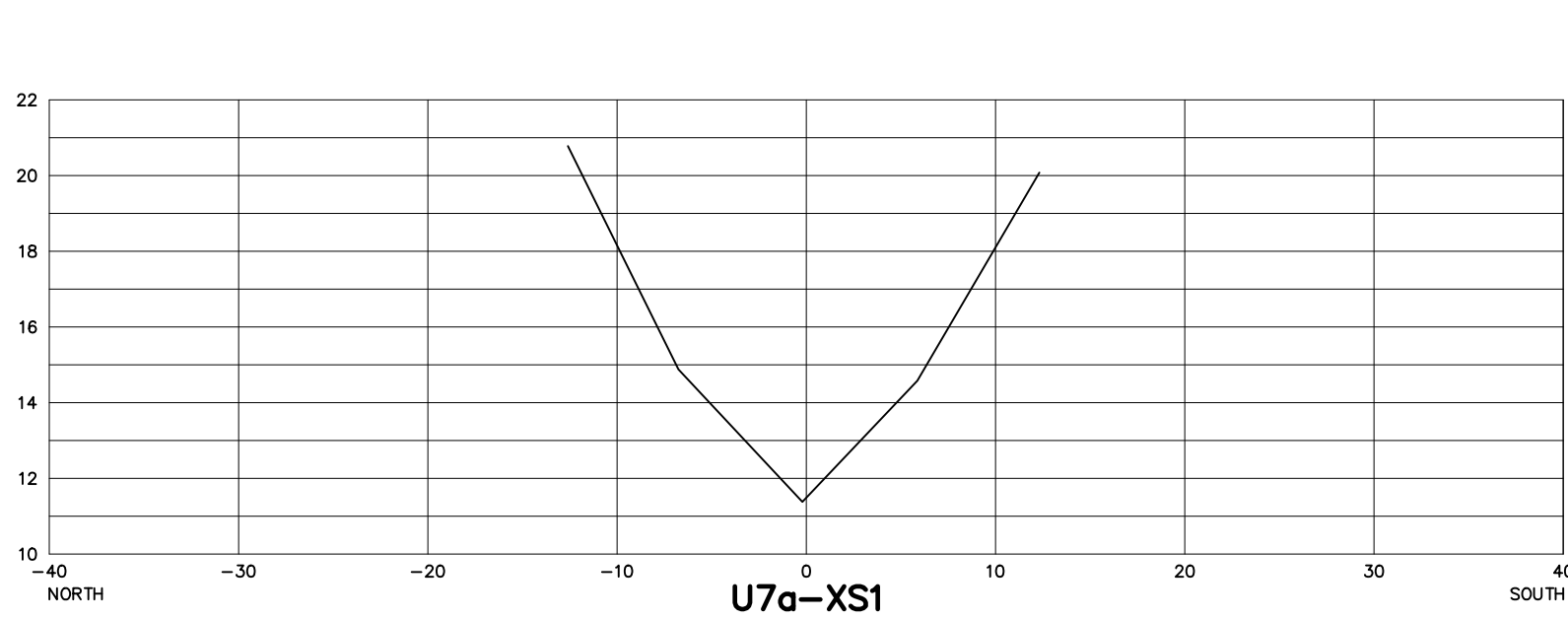
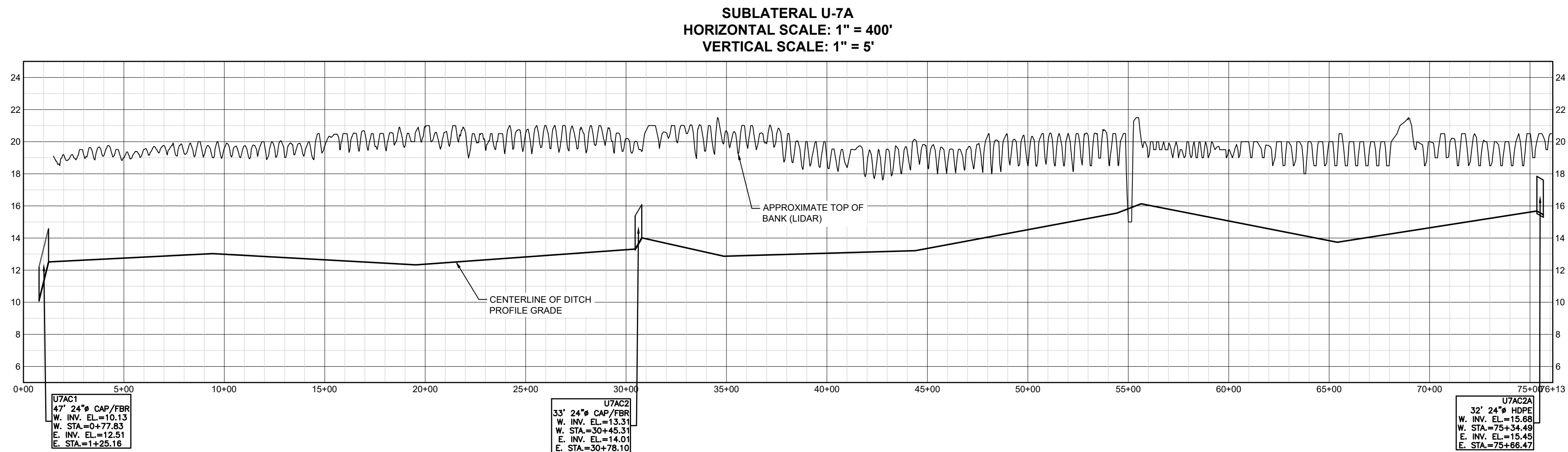
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DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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PROJ.# : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF.# : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
SUBLATERAL
U-7A

SHEET
C-13A
DWG. NO:



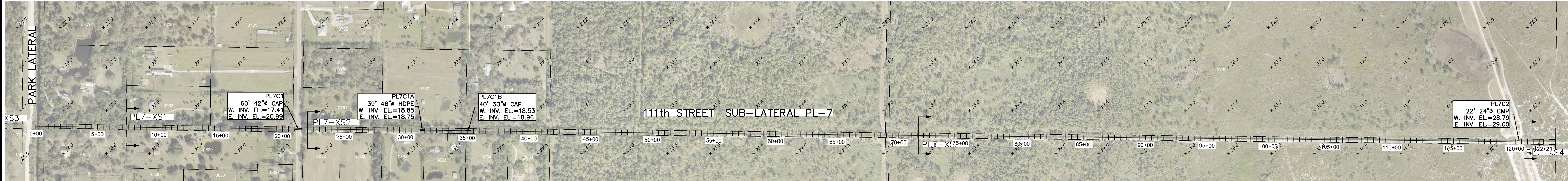
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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NAVD'88 USING A CONVERSION FACTOR OF -1.42

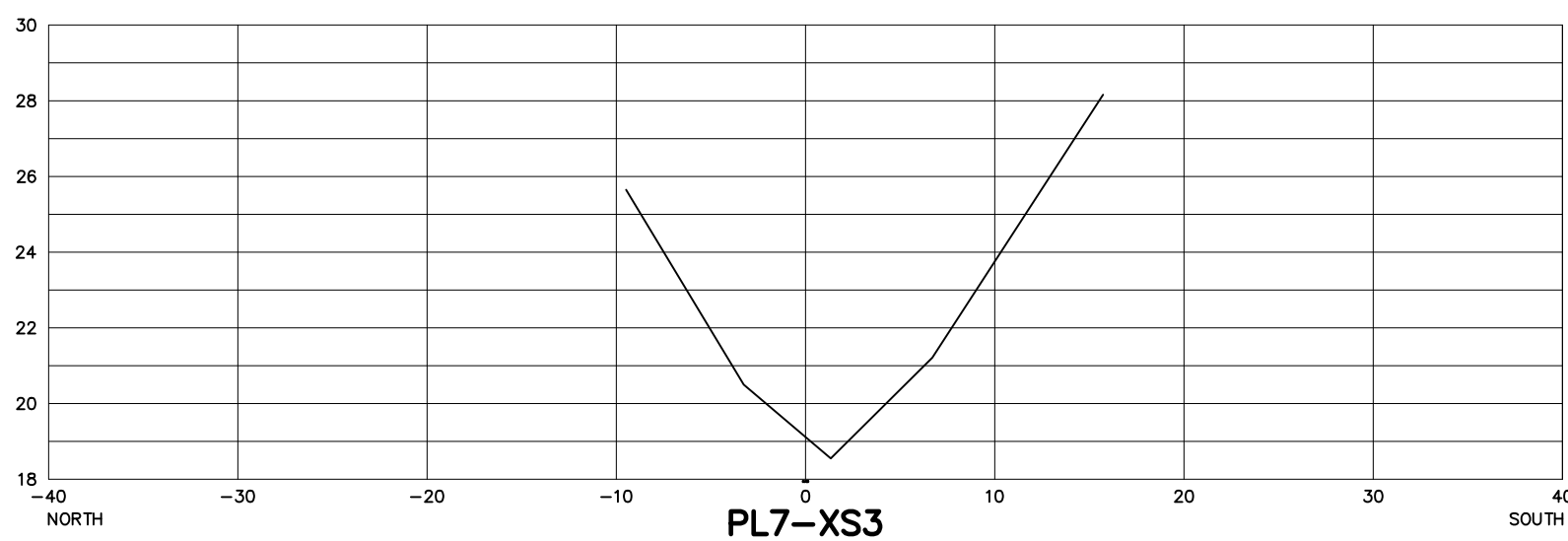
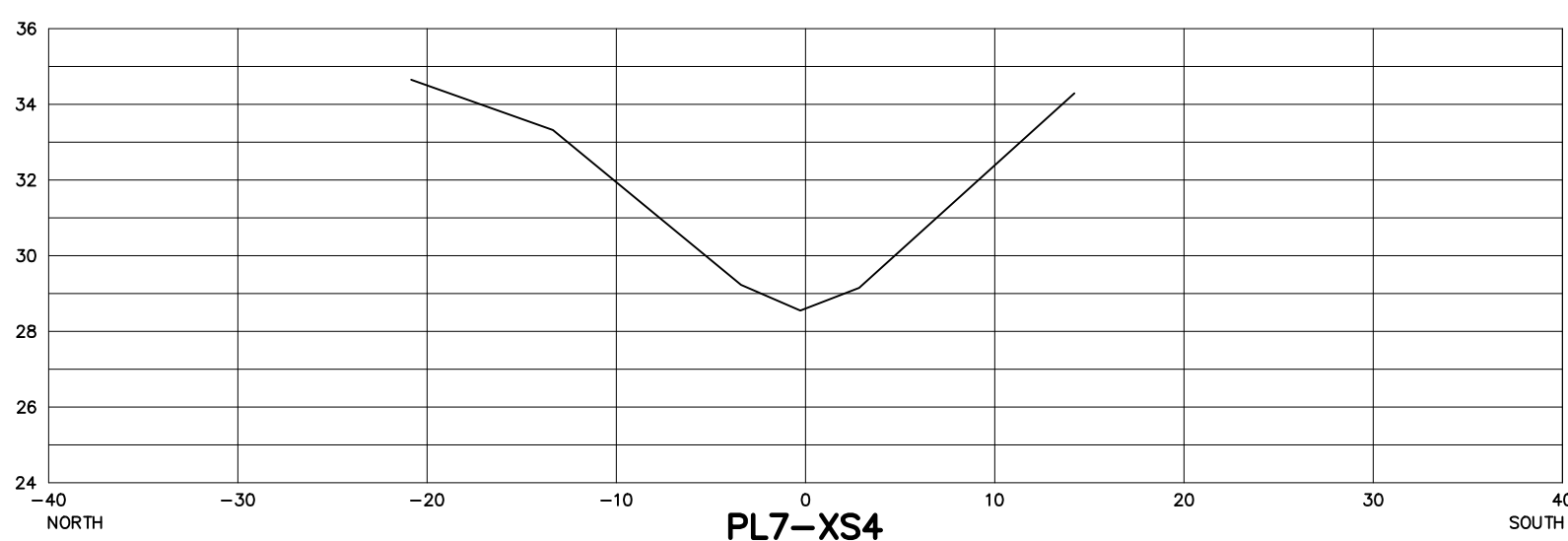
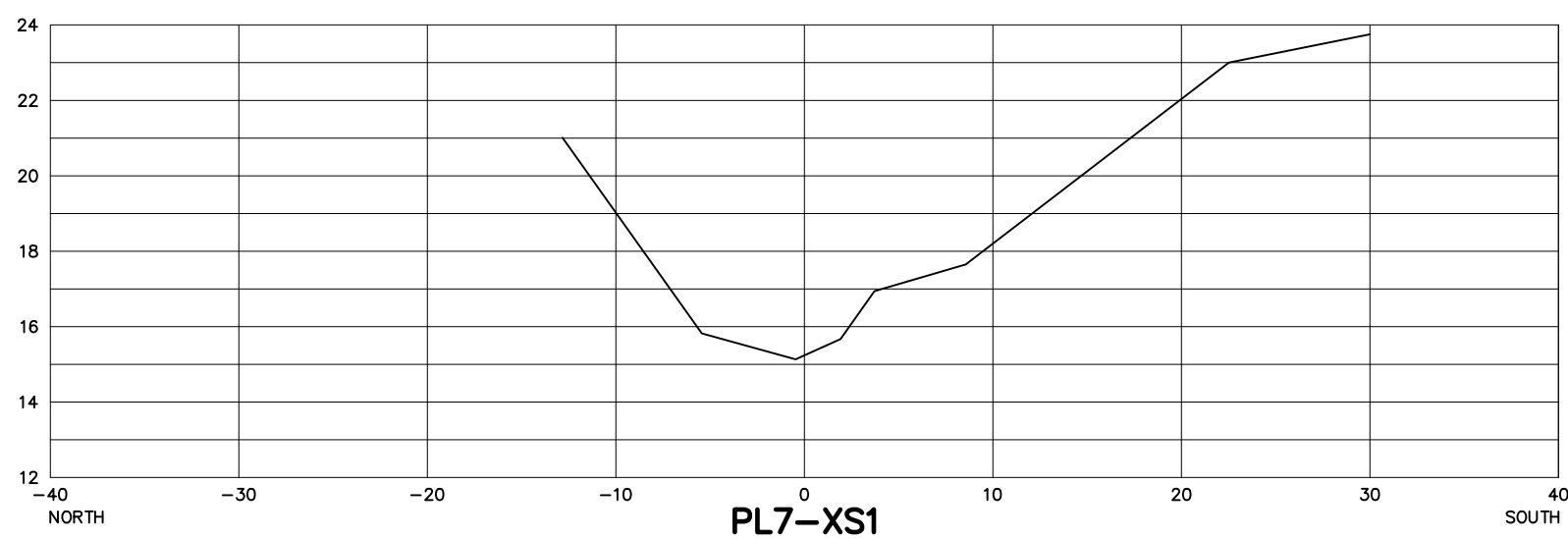
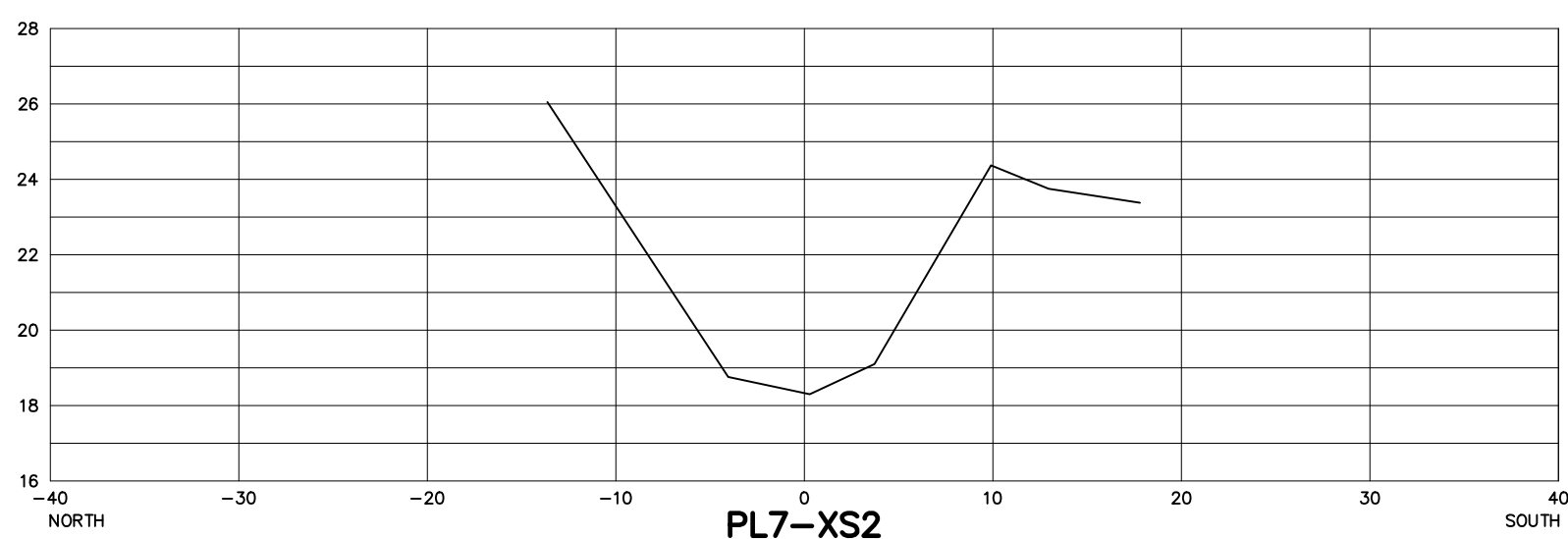
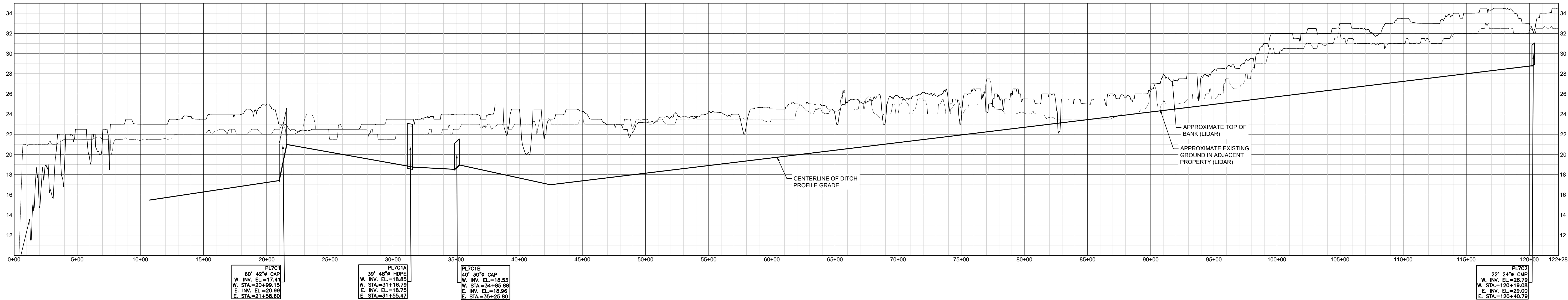
ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

Jun 28, 24, 1:23 PM P:\FVCD\0608 E - FVCD Culvert Inventory\DWG\0608 E - FVCD Culvert Inventory.dwg 14, Garrett Miller

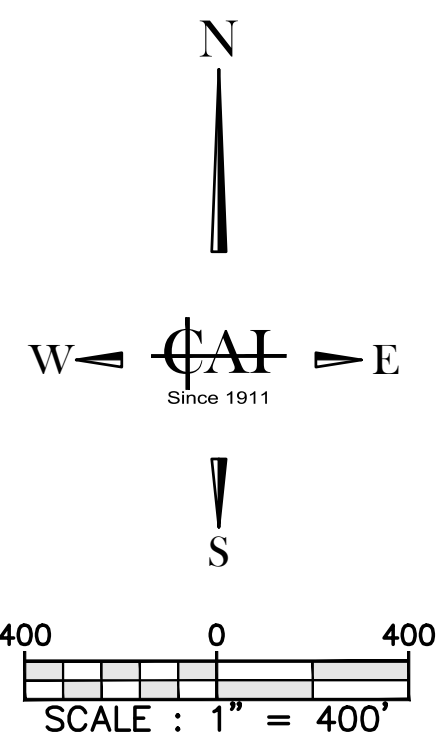


SUBLATERAL PL-7
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42



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VERTICAL DATUM NOTE:
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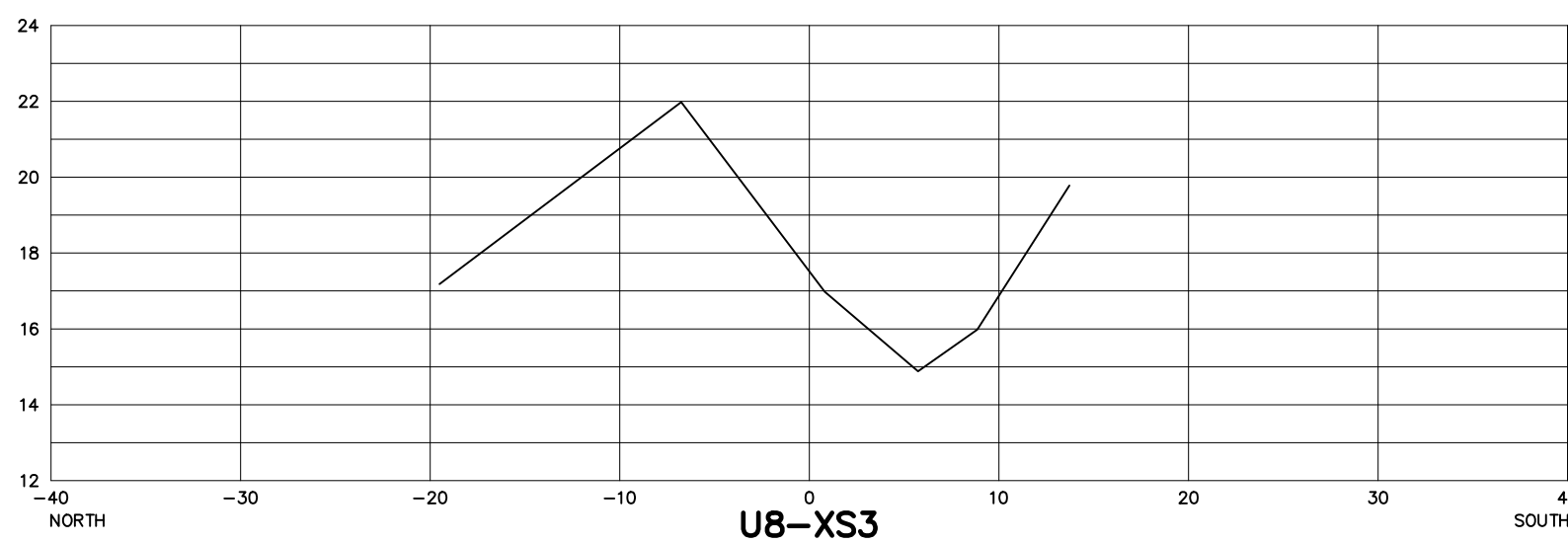
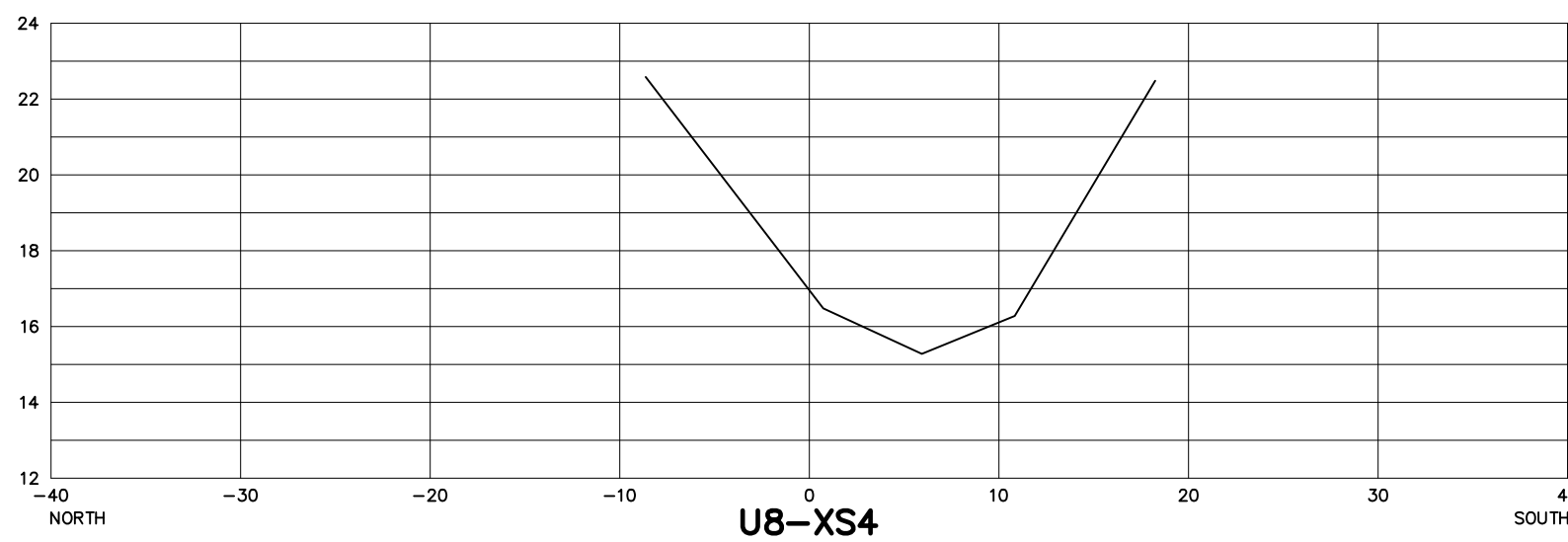
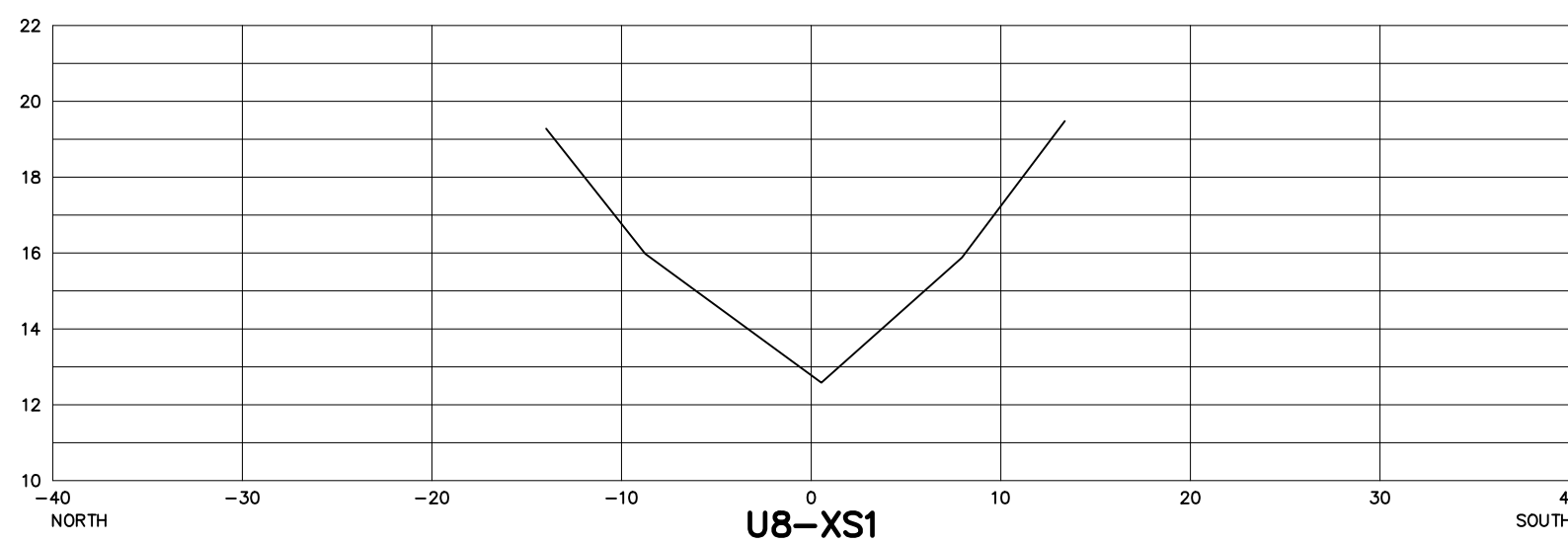
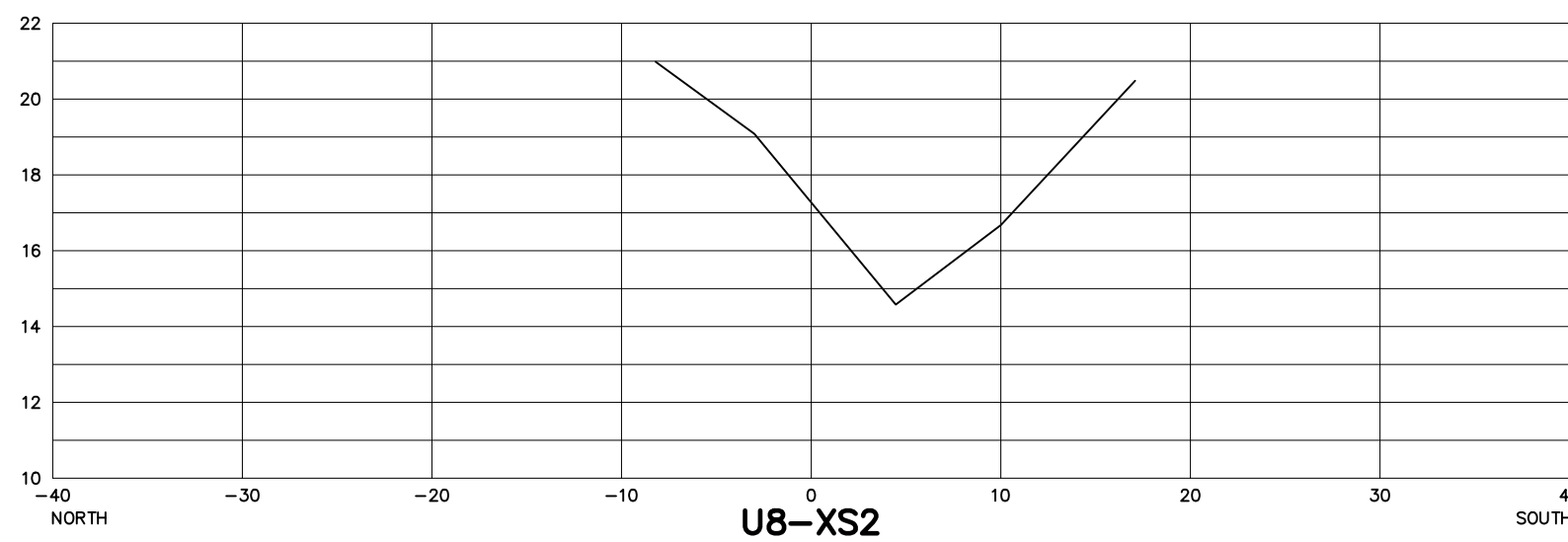
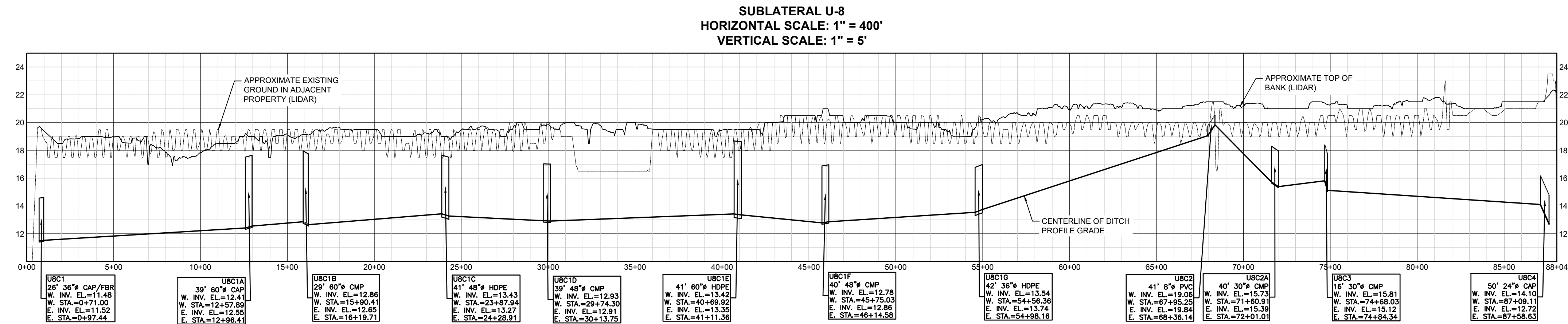
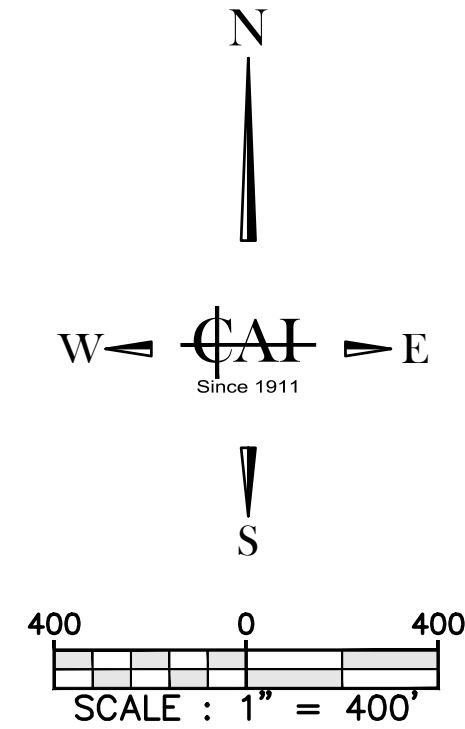
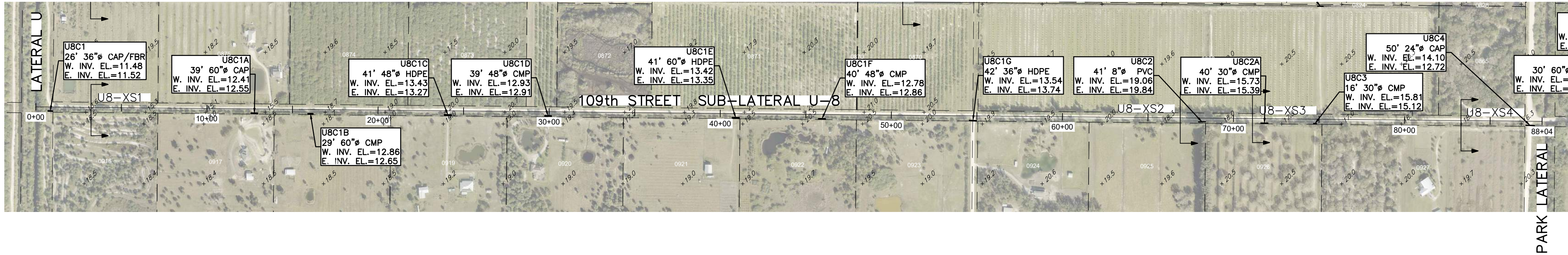
NO.	REVISION	DATE
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THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-7 111TH ST**

SHEET
C-14
DWG. NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
1		
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DATE : Jun 2024
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REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

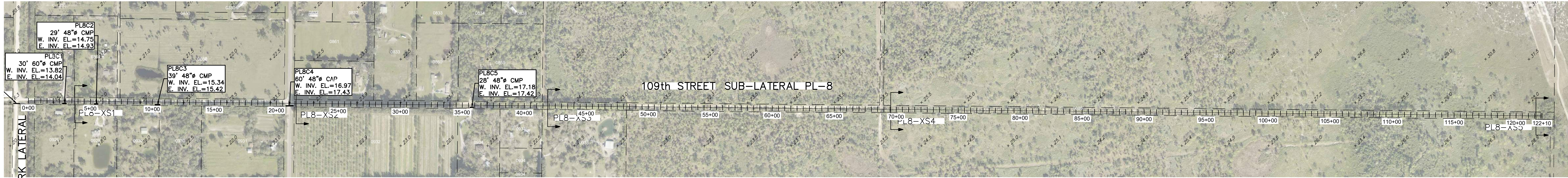
SHEET TITLE:
**SUBLATERAL U-8
109TH ST**

SHEET

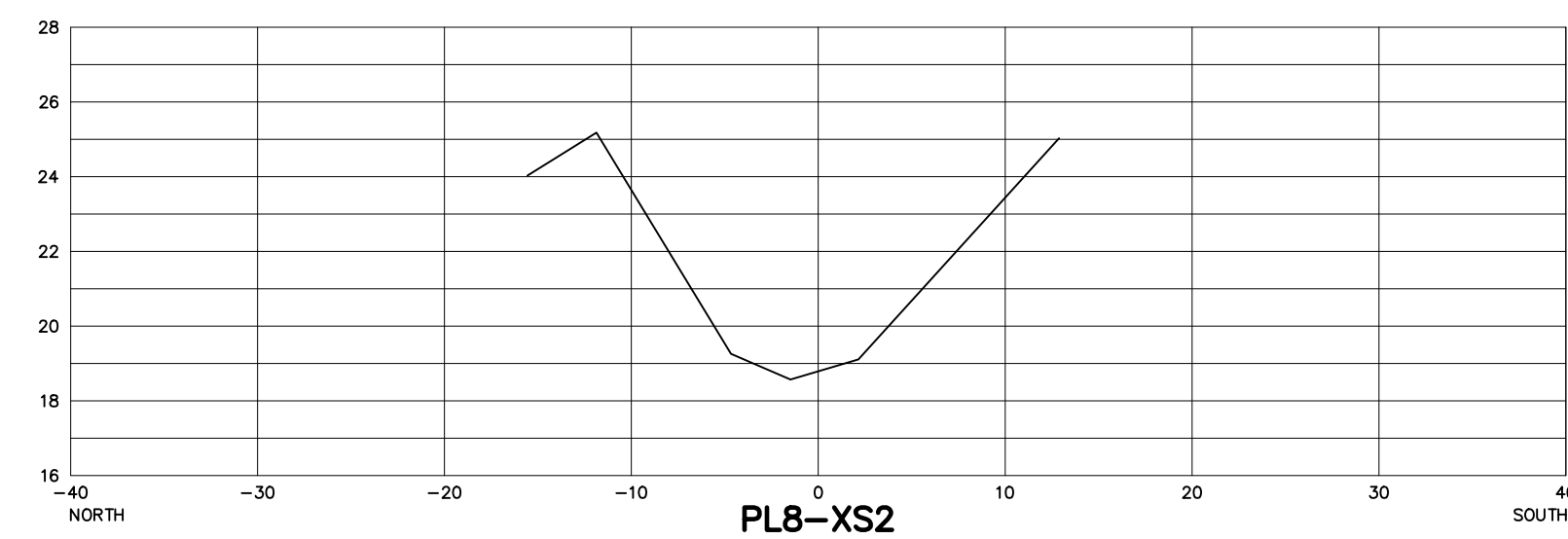
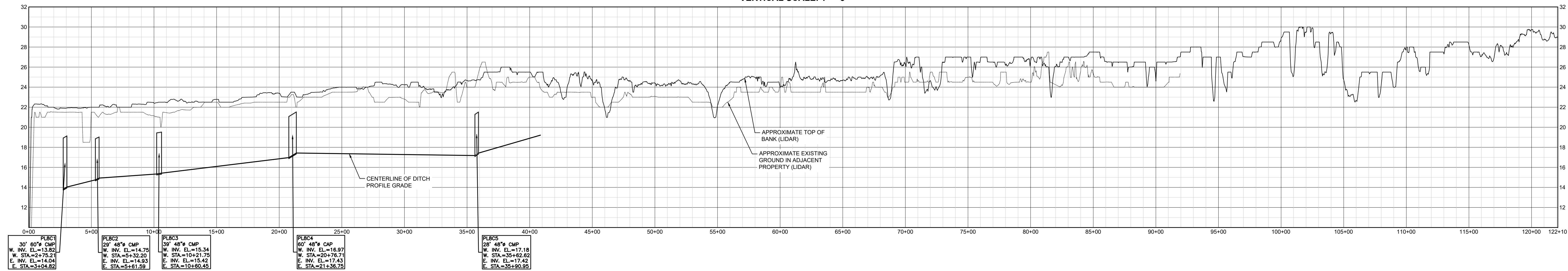
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DWG. NO:

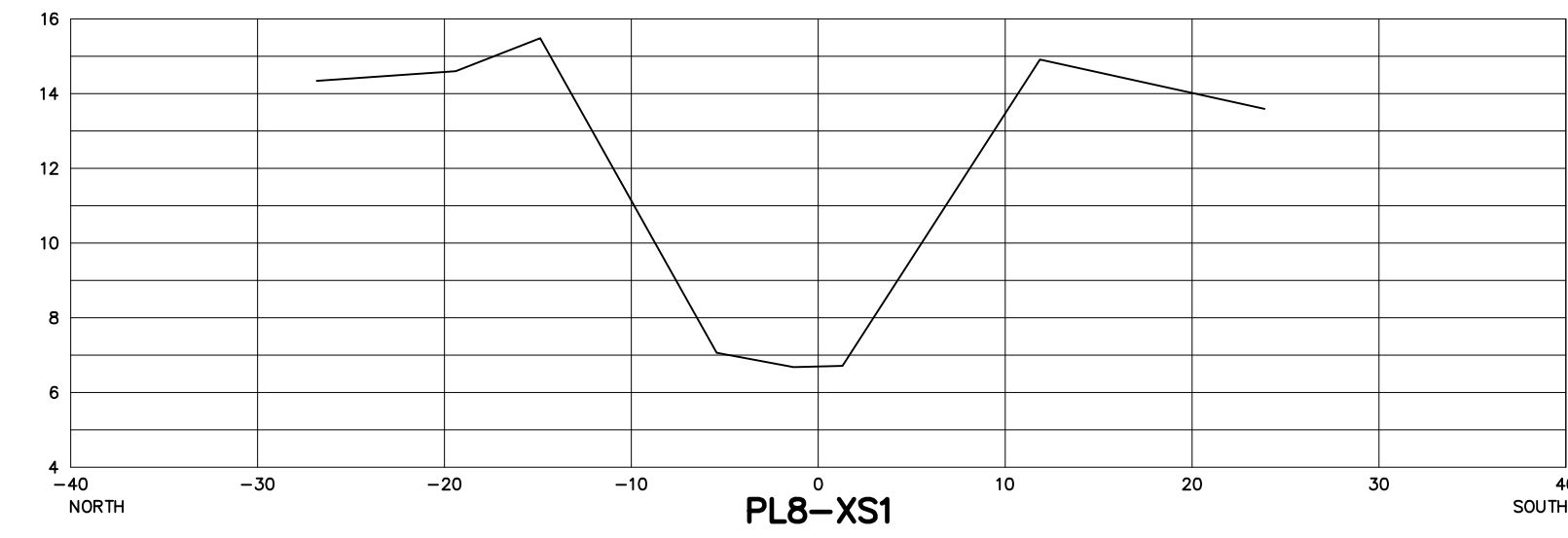
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Jun 28, 24, 1:23 PM



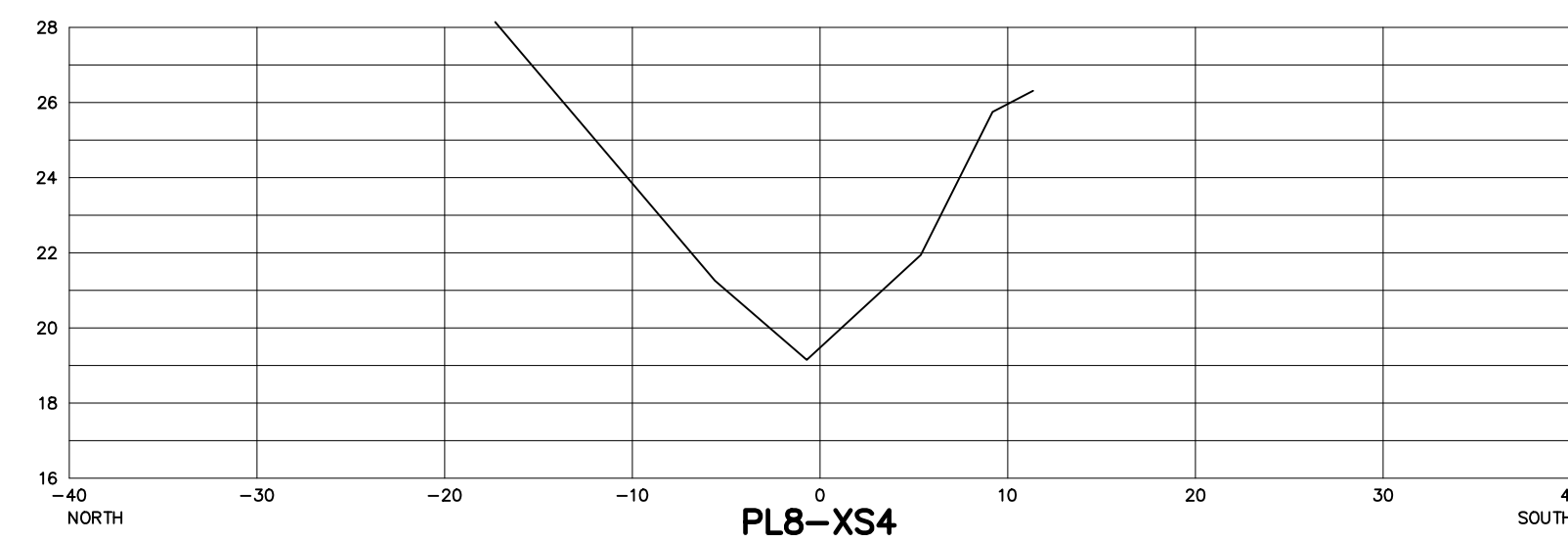
SUBLATERAL PL-8
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



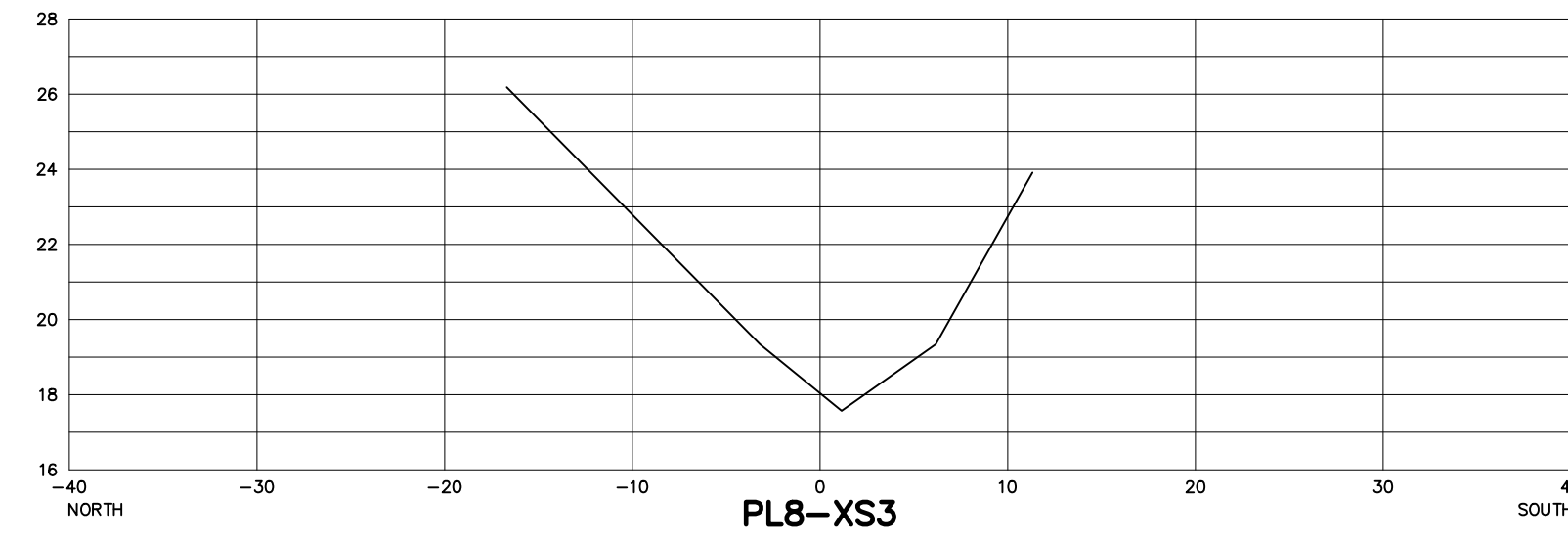
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PL8-XS1



PL8-XS4

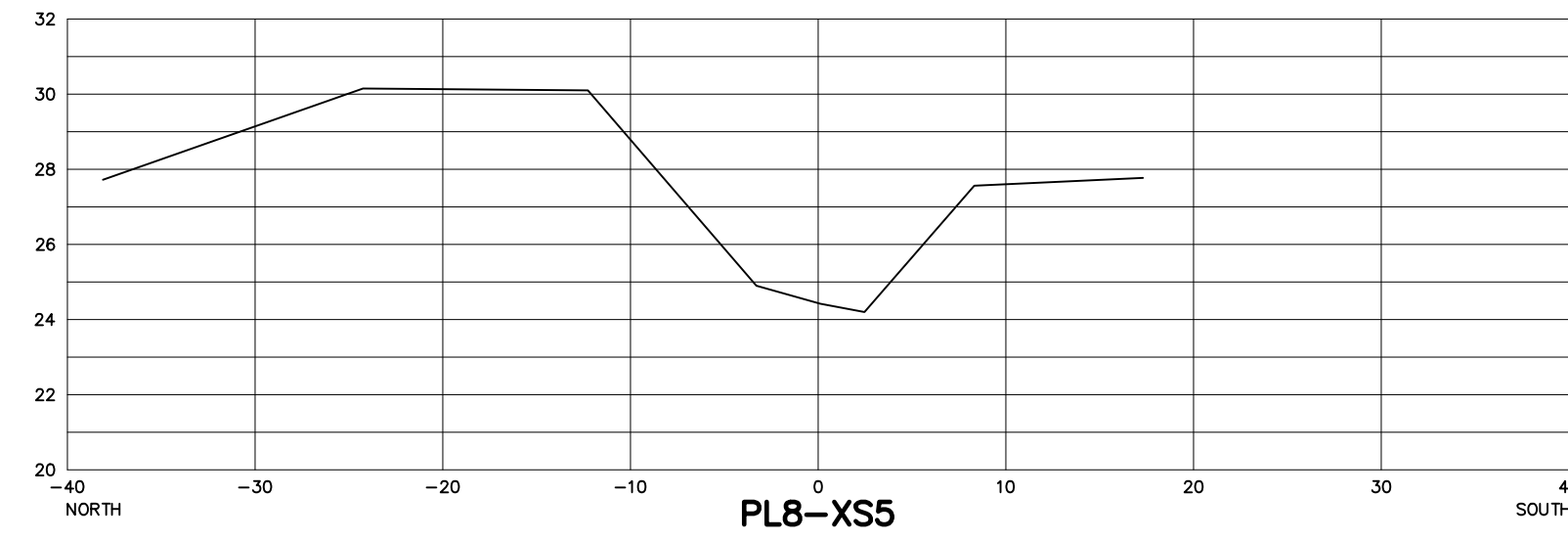


PL8-XS3

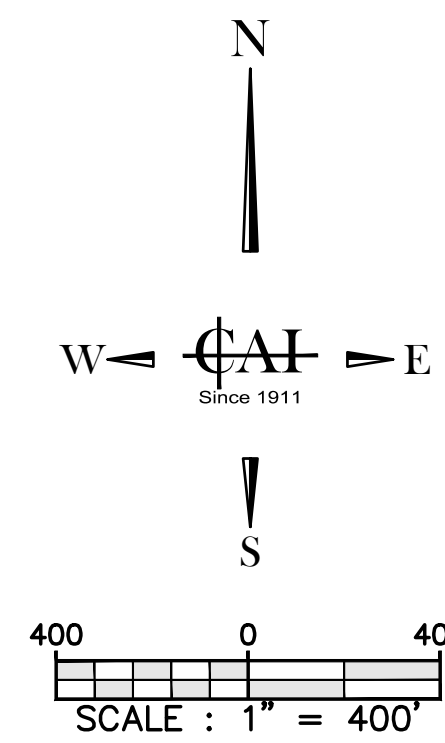
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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NAVD'88 USING A CONVERSION FACTOR OF -1.42

SCALES:
HORIZ - 1"=10'
VERT - 1"=5'



PL8-XS5



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
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REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

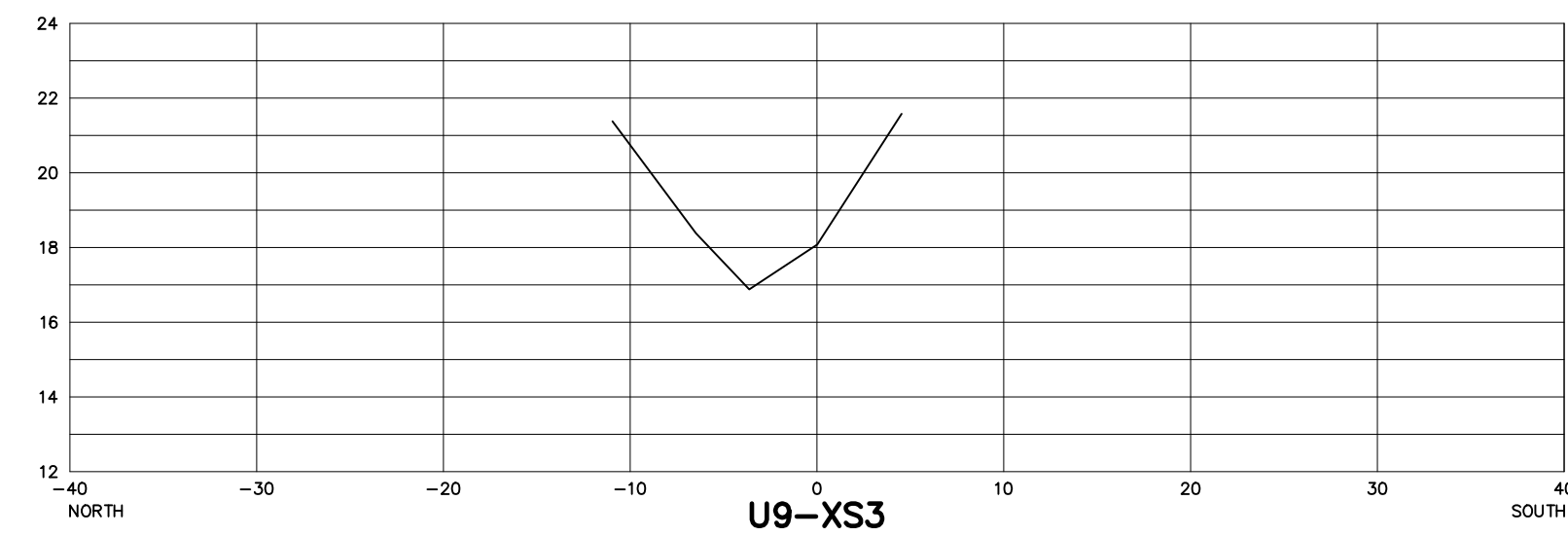
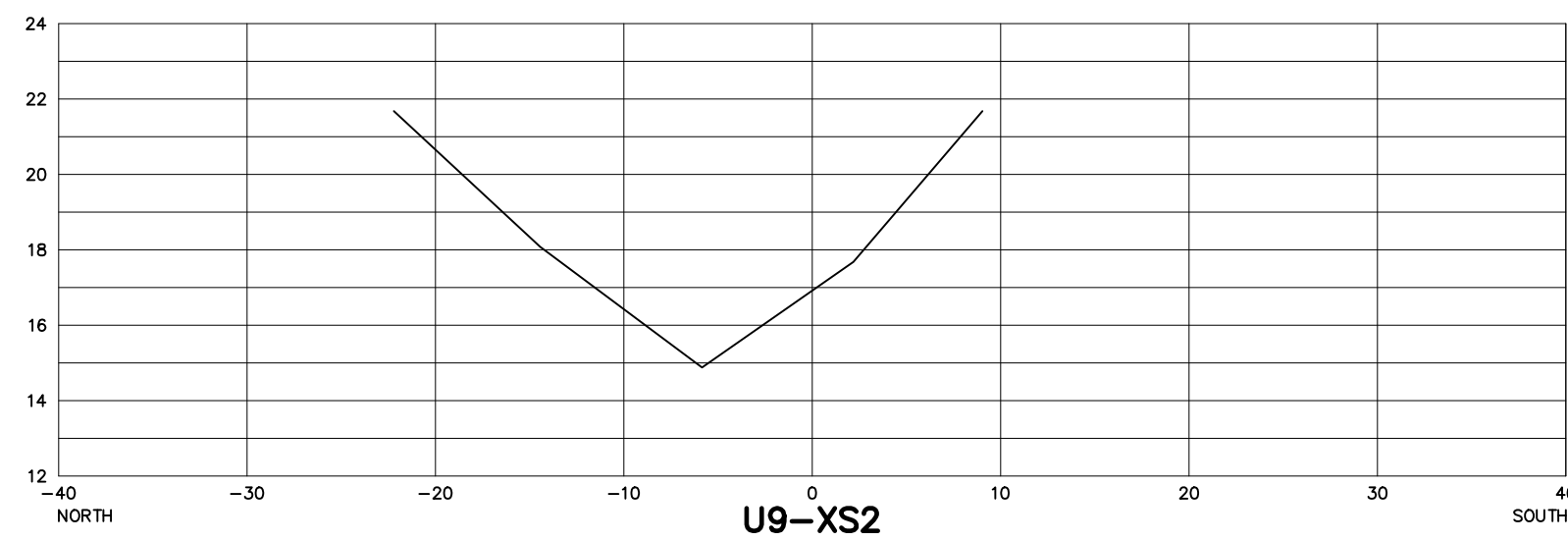
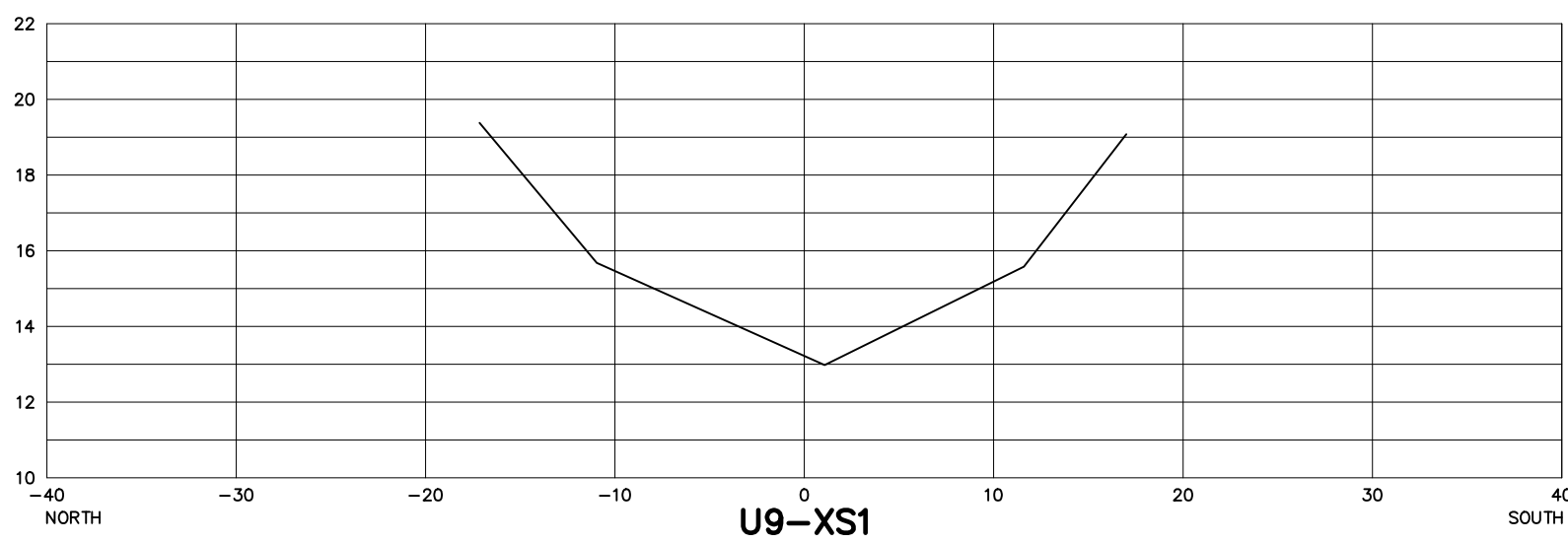
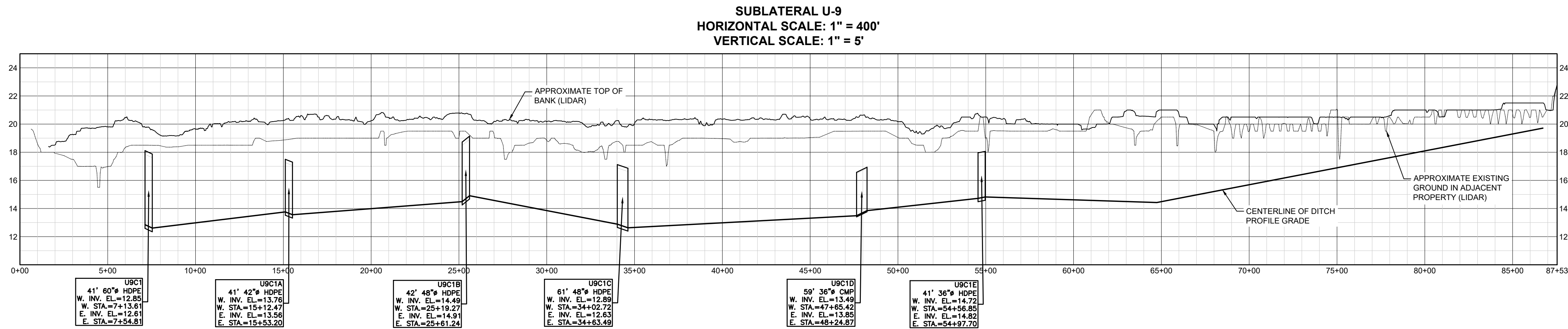
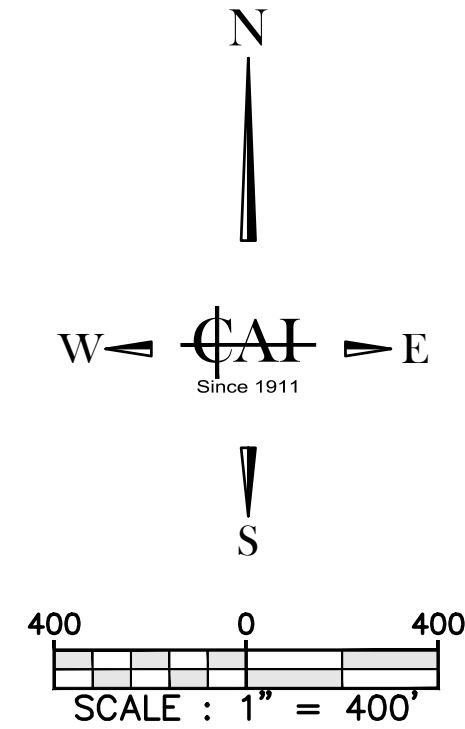
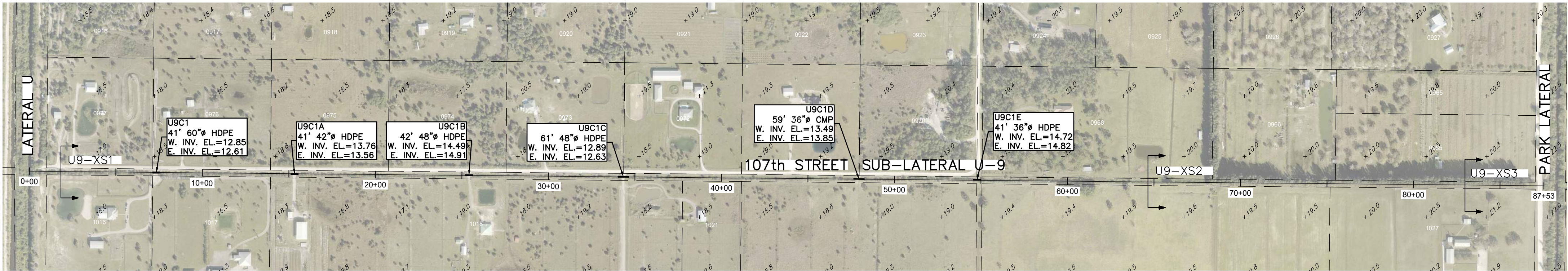
NO.	REVISION	DATE
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-8 109TH ST**

SHEET
C-16
DWG. NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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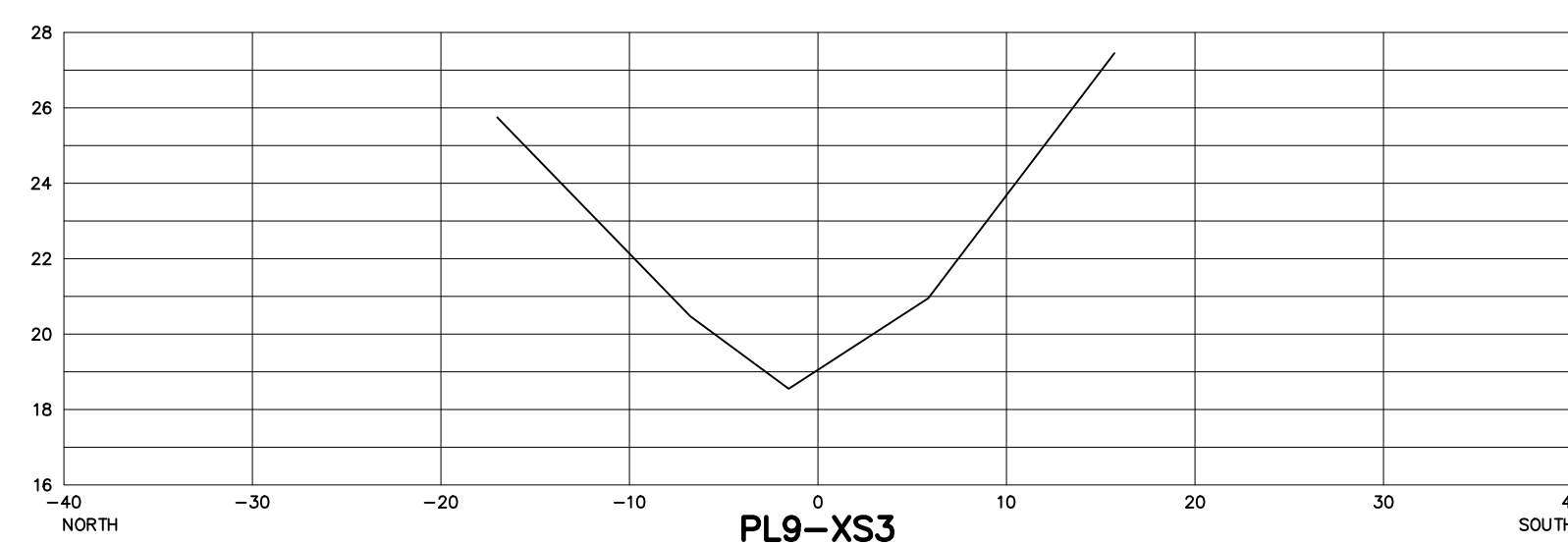
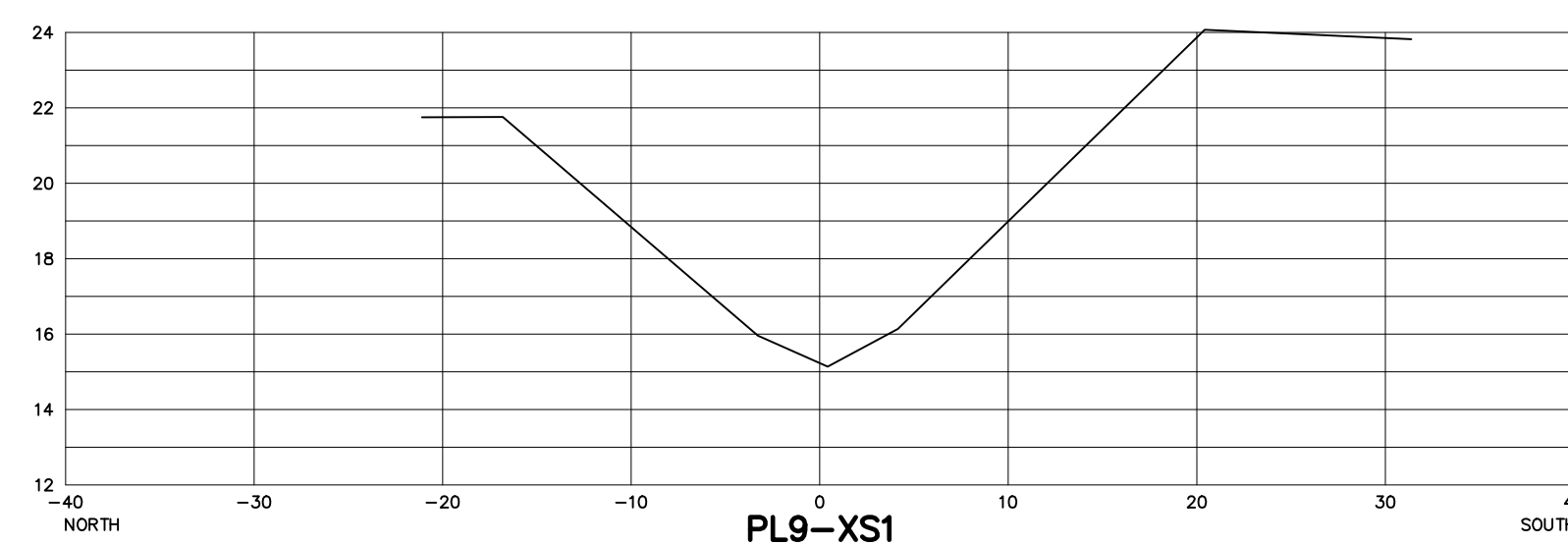
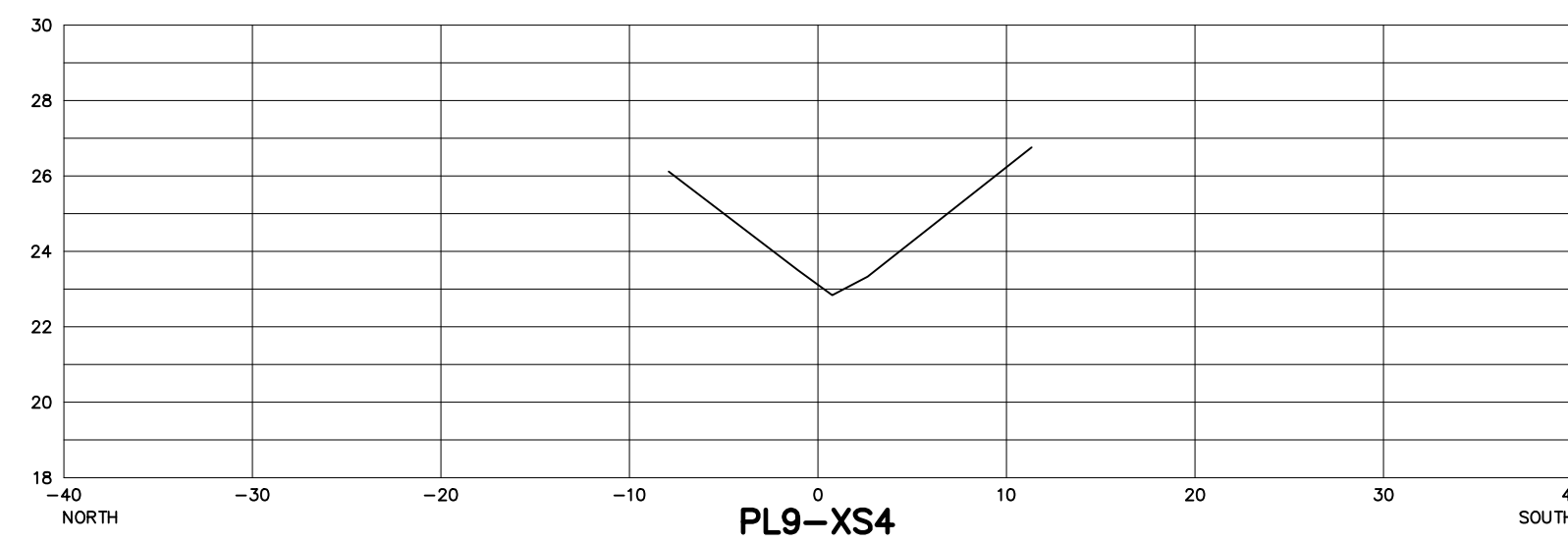
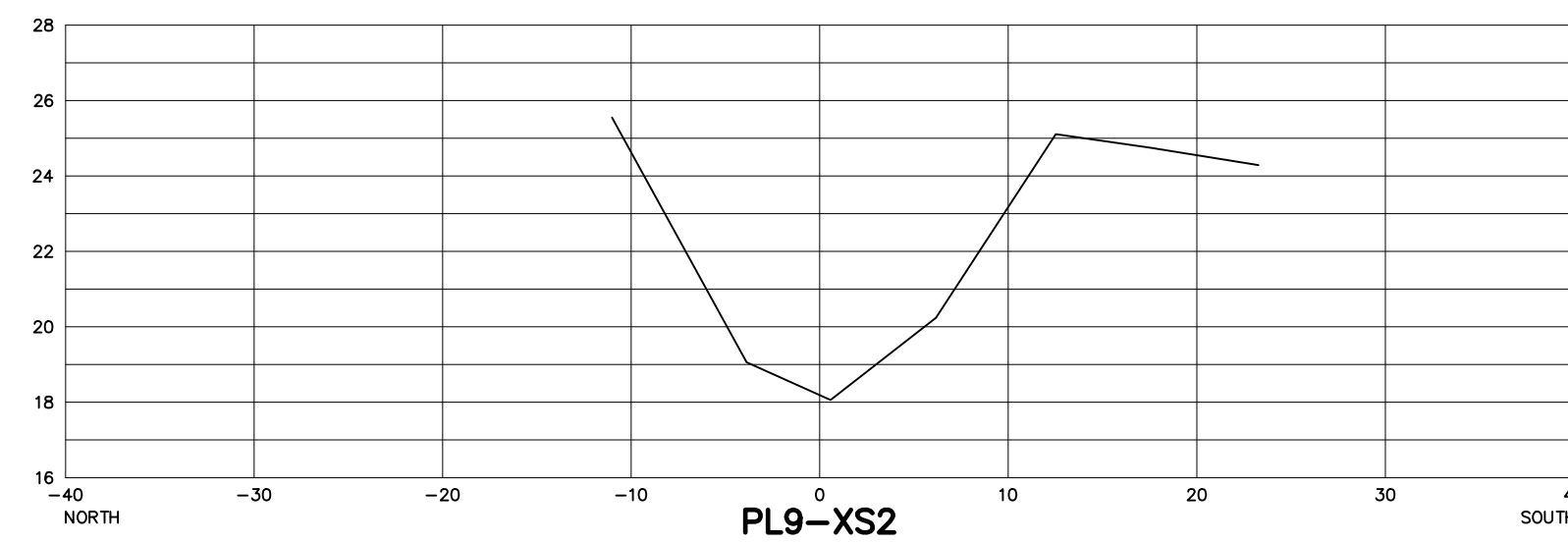
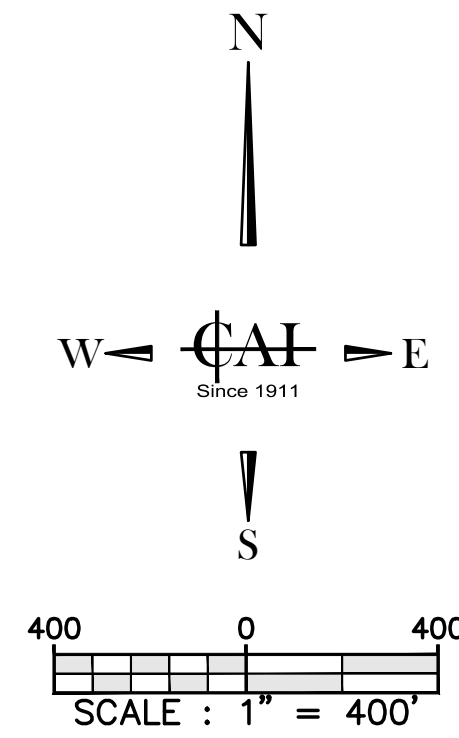
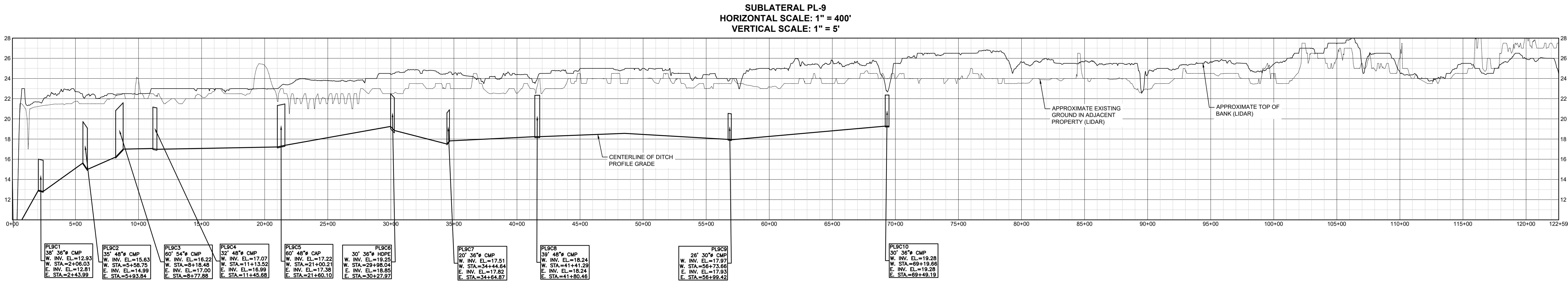
THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL U-9
107TH ST**

SHEET
C-17
DWG. NO:

P:\FWCD\0609 E - FWCD Culvert Inventory\Drawings\06E - FWCD Culvert Inventory\Draw 18, Garret Miller
Jun 28, 24, 1:23 PM



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

CAI
CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911
CONSULTING ENGINEERS
AND LAND SURVEYORS
1708 21ST STREET
VERO BEACH, FL 32960
TEL: (772) 562-1191
EMAIL: DLach@Carterassoc.com
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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0940

NO.	REVISION	DATE
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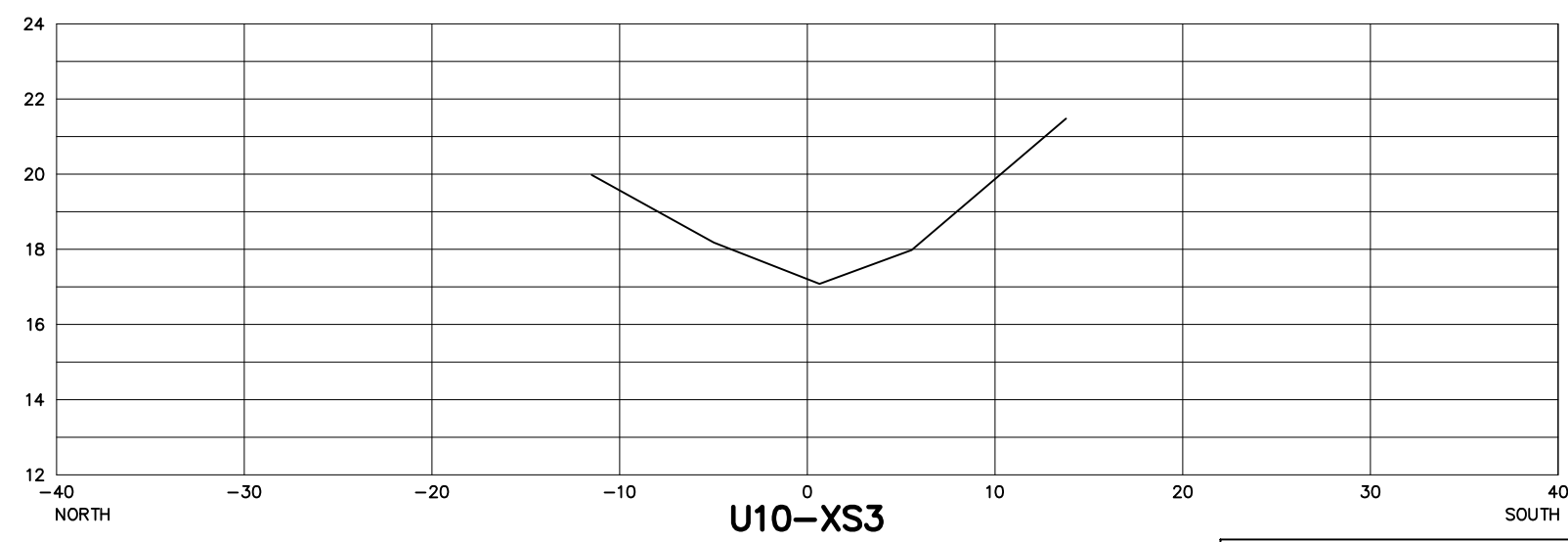
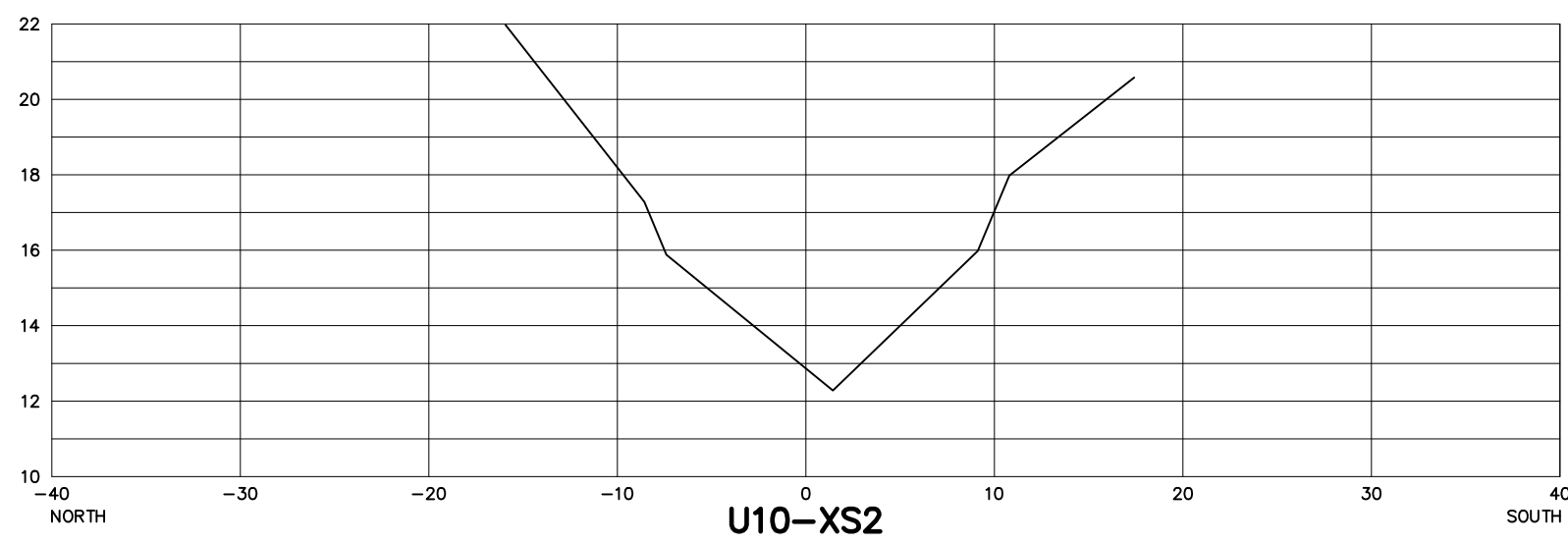
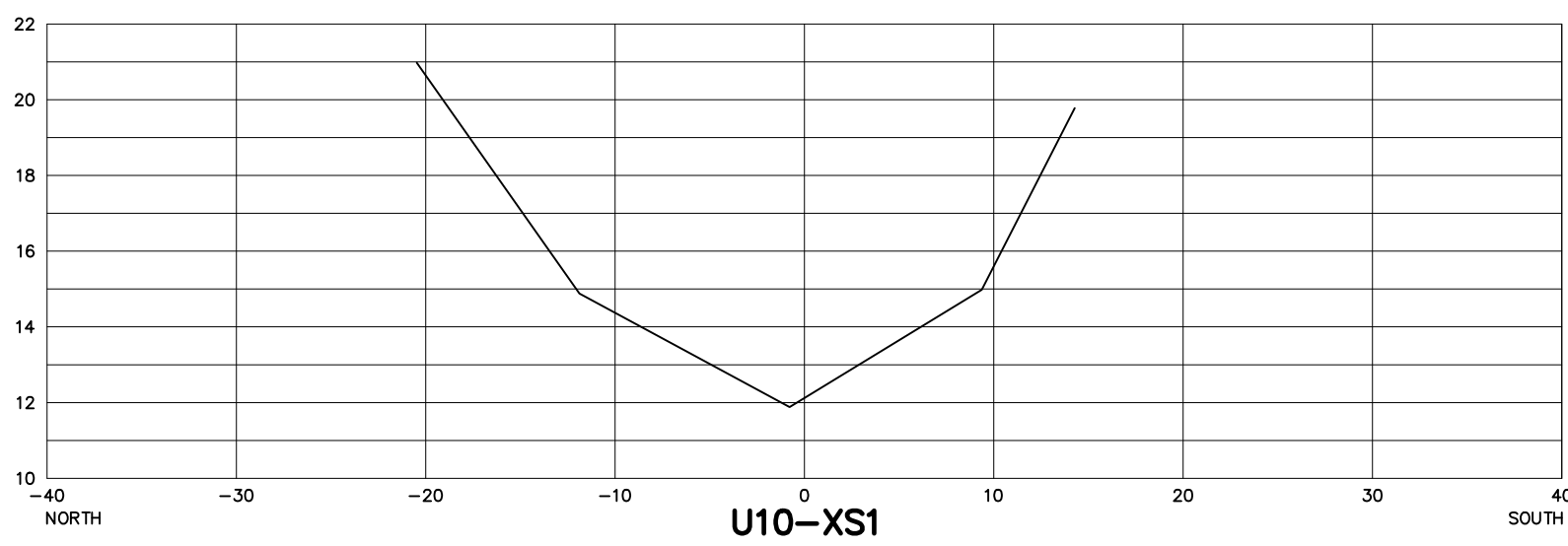
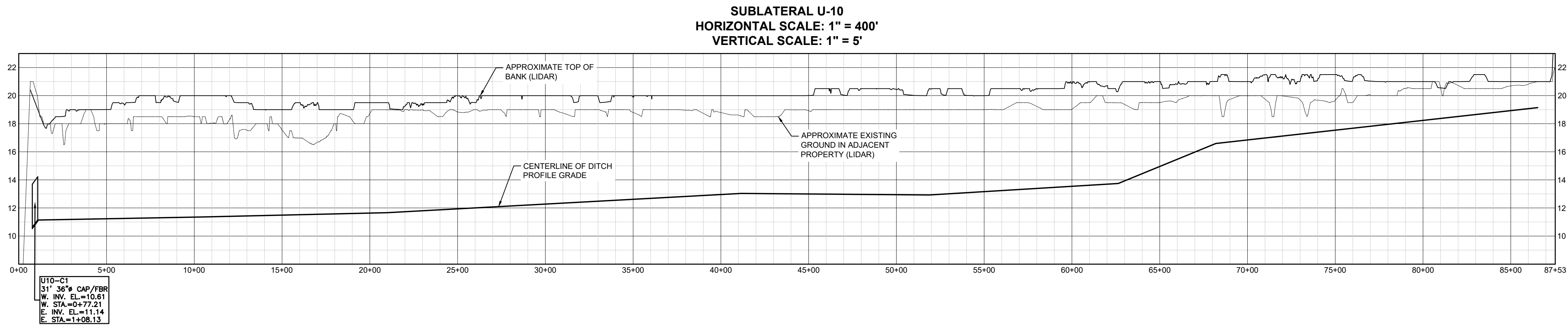
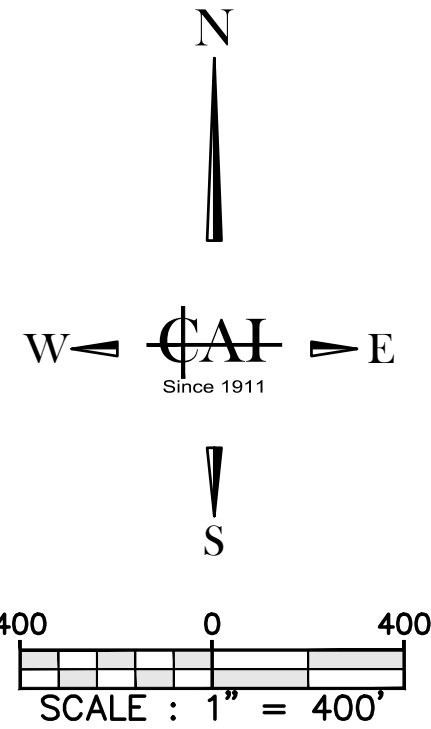
FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-9 107TH ST**

SHEET
C-18
DWG. NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NAVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
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REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0640

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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

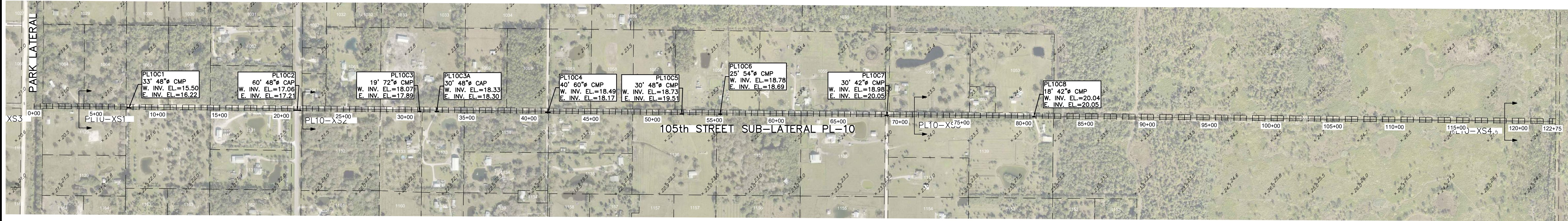
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PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

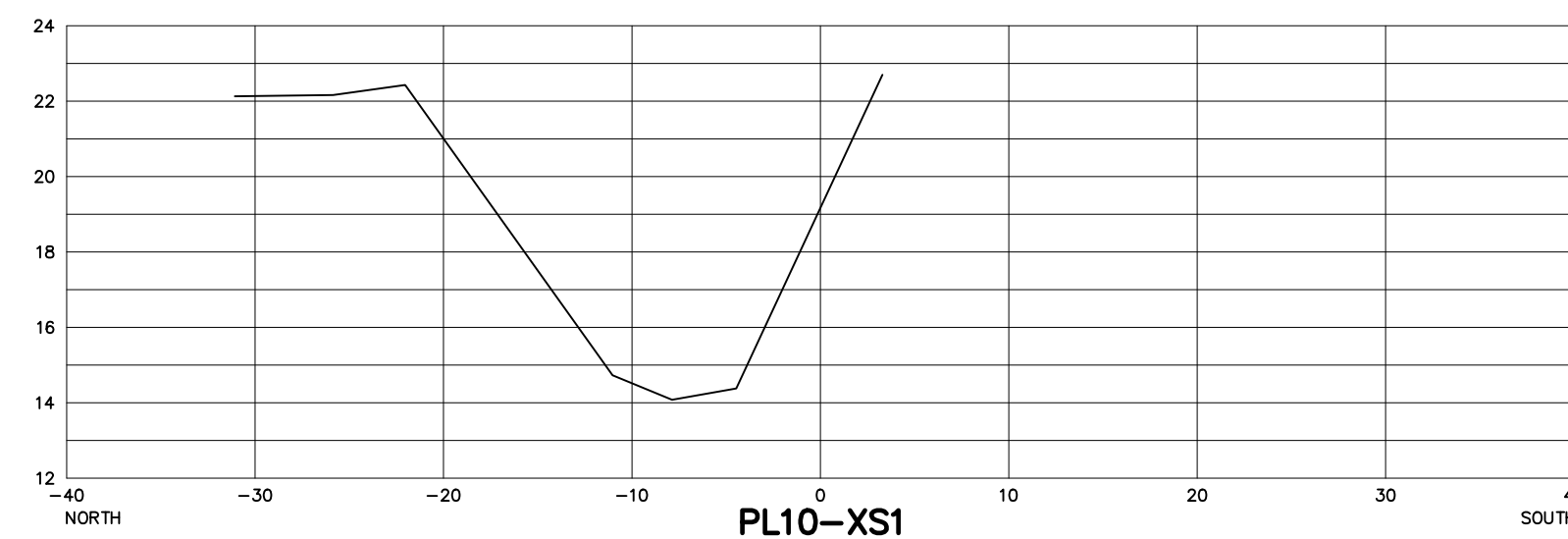
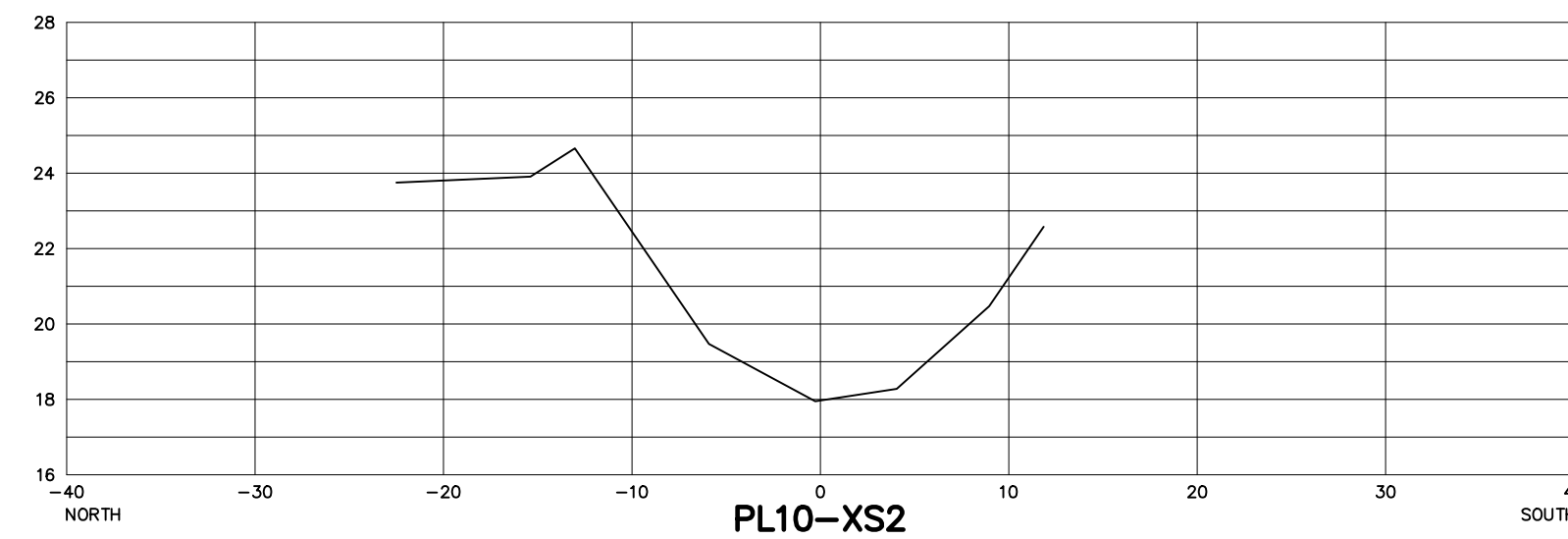
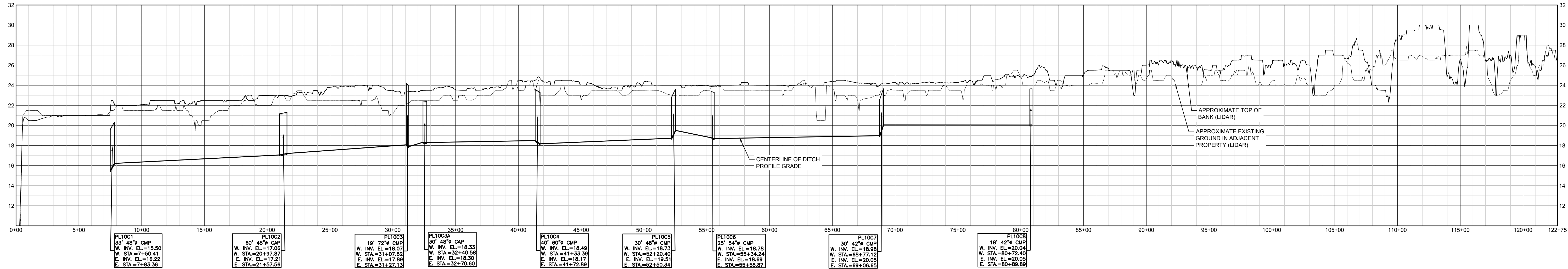
SHEET TITLE:
**SUBLATERAL
U-10 105TH ST**

SHEET
C-19
DWG. NO:

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Jun 28, 24, 1:24 PM

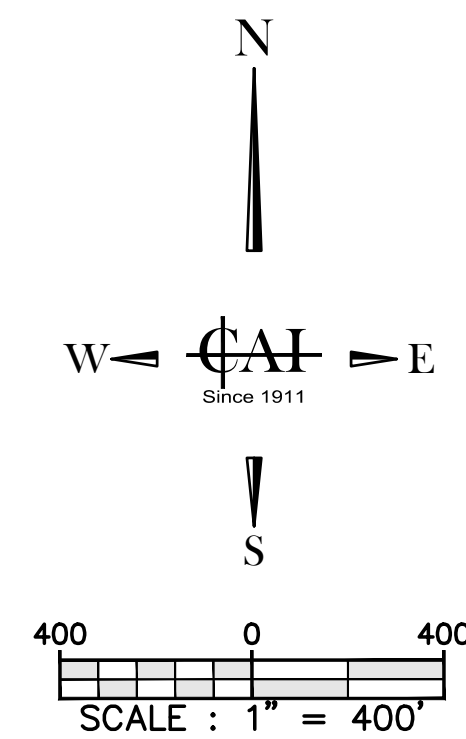
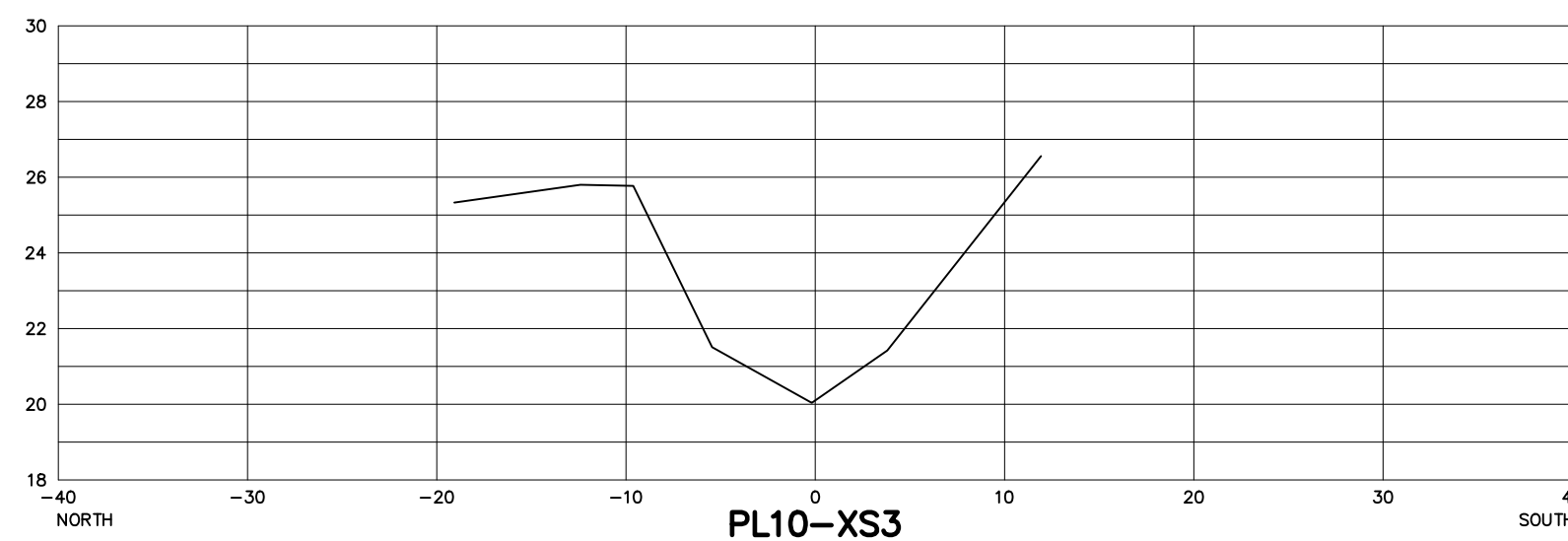
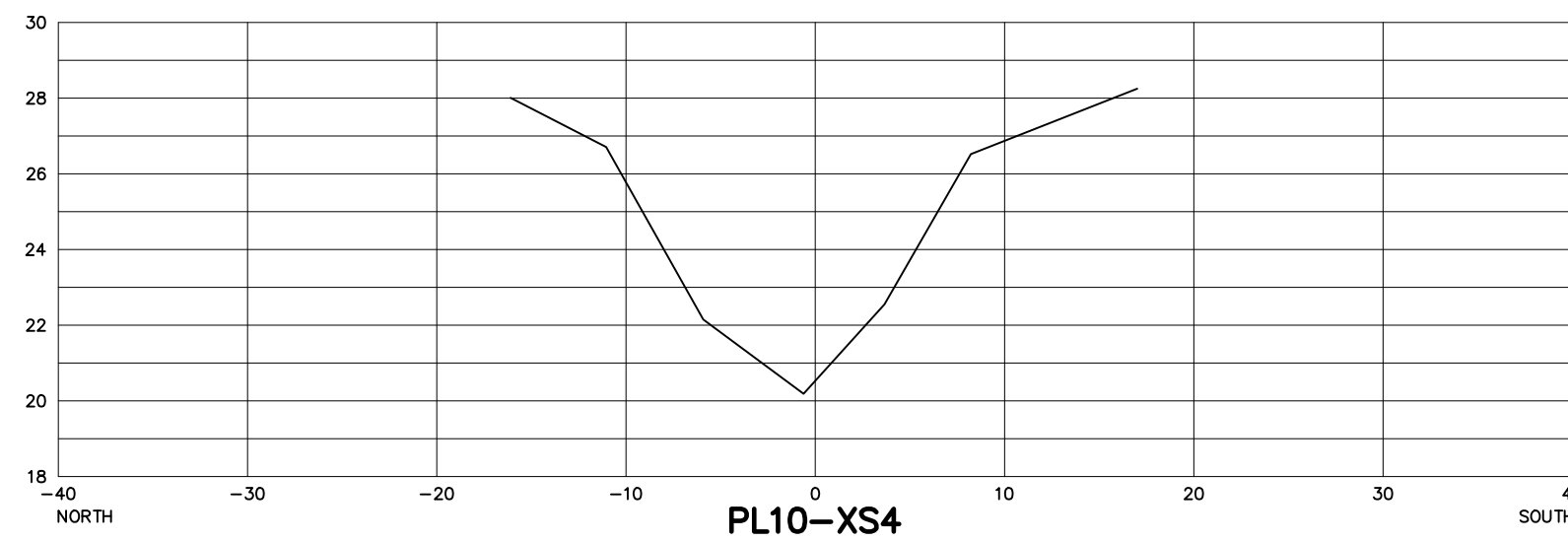


SUBLATERAL PL-10
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

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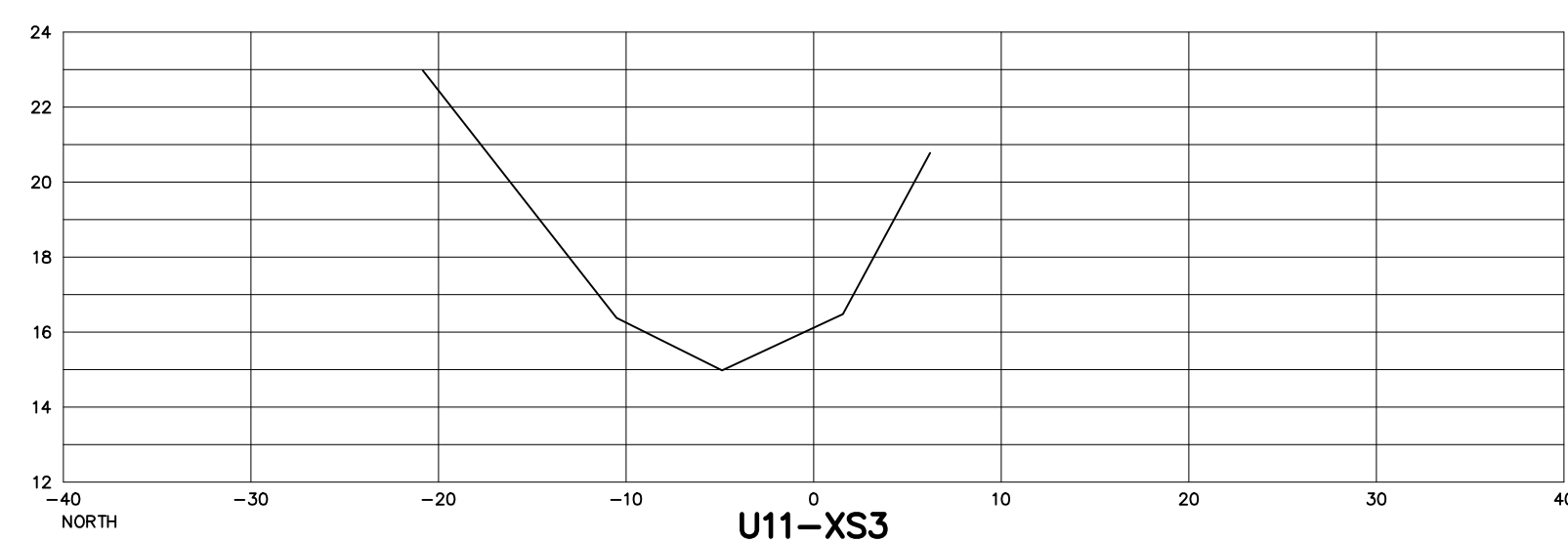
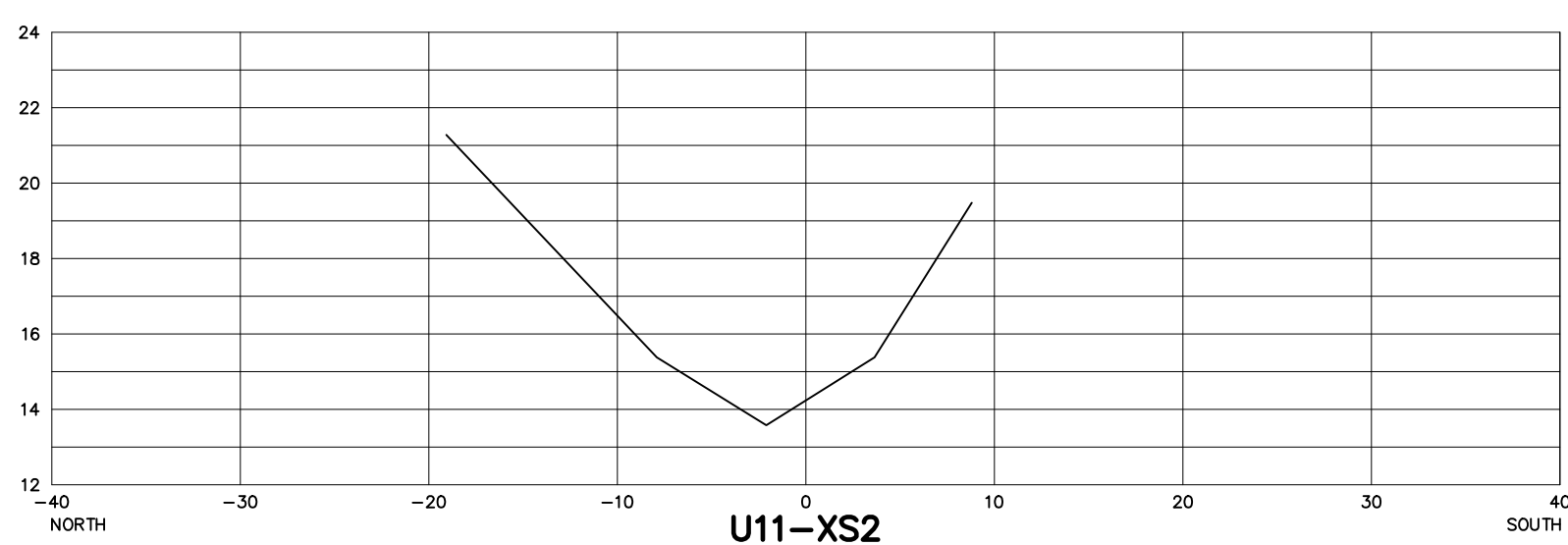
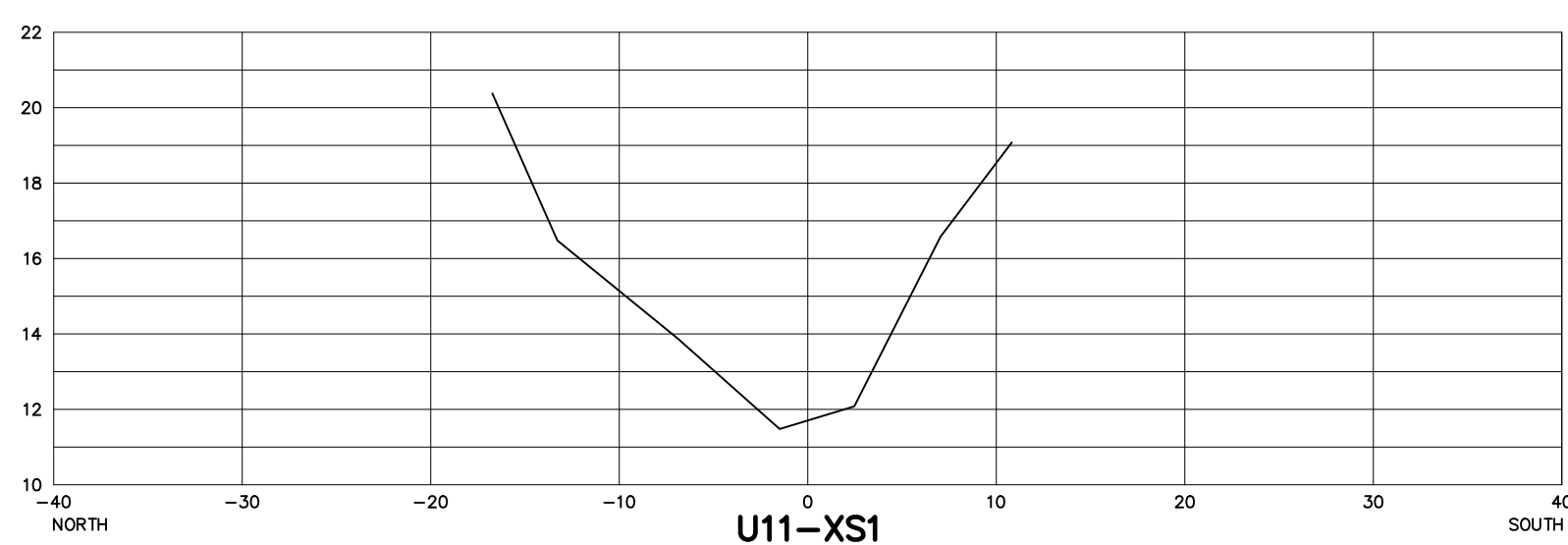
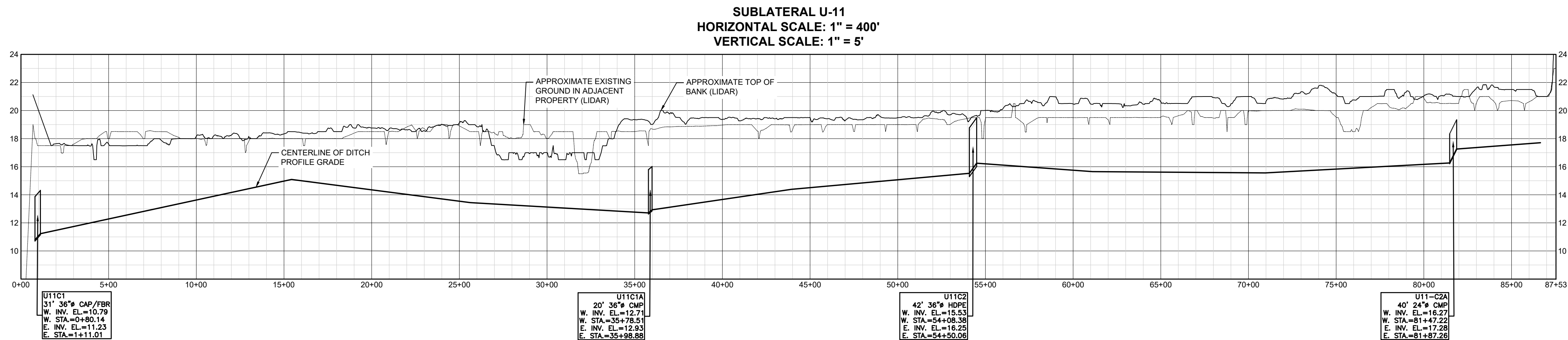
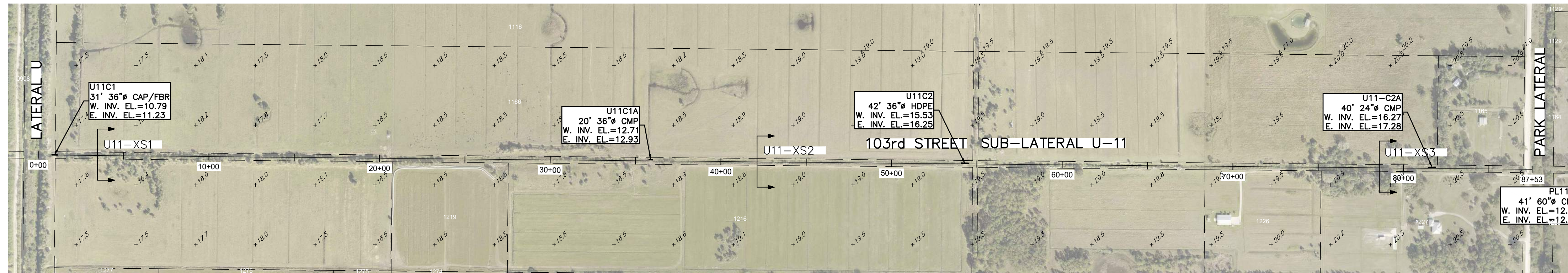
THIS SURVEY CONSISTS OF
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PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-10 105TH ST**

SHEET
C-20
DWG. NO:

Jun 28, 24, 1:24 PM P:\FVCD\0608 E - FVCD Culvert Inventory\Drawings\06 E - FVCD Culvert Inventory\Draw 21, Garrett Miller



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
SUBLATERAL U-11
103RD ST

SHEET
C-21
DWG. NO:

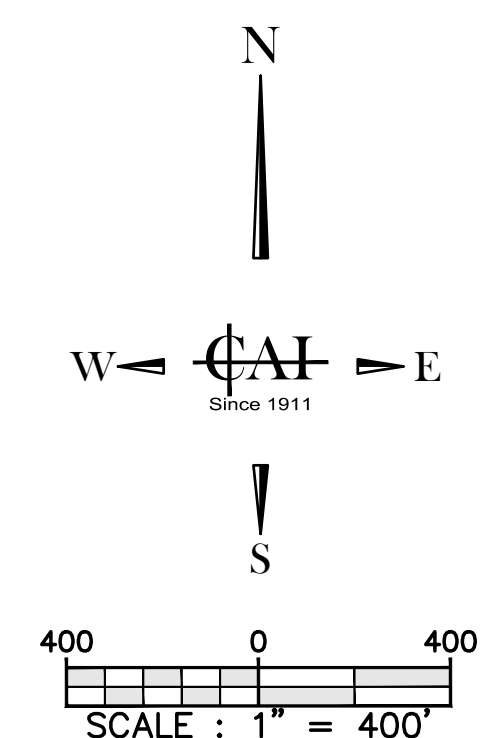
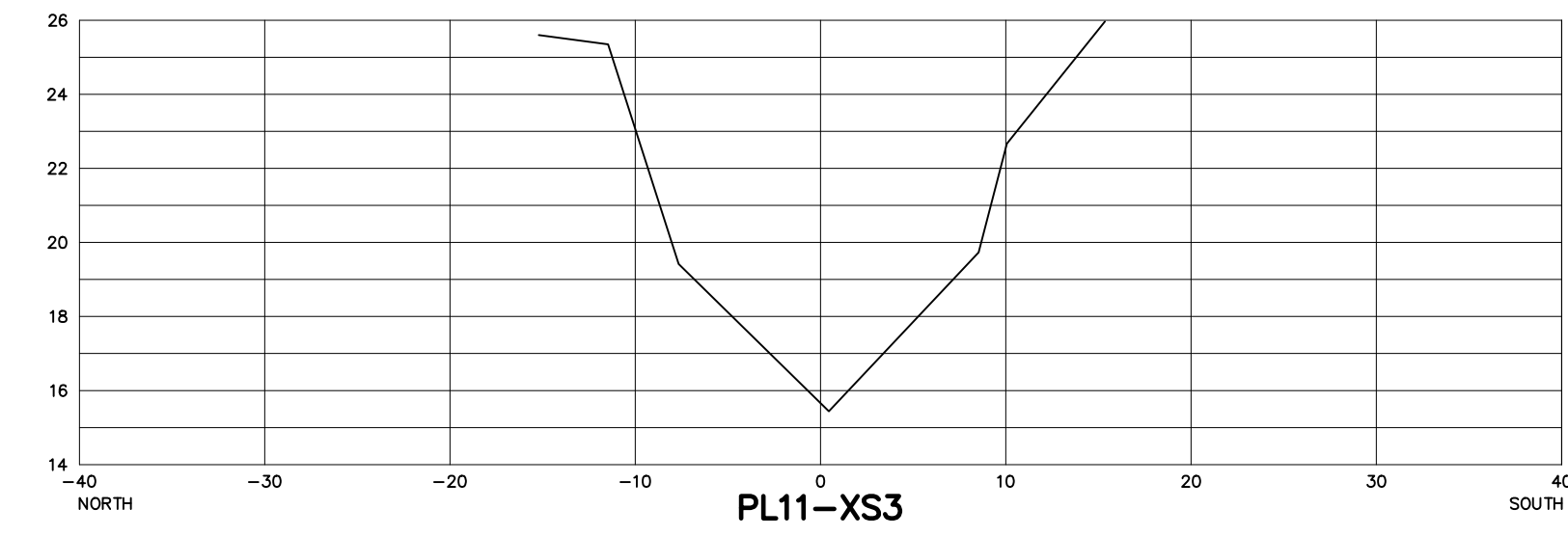
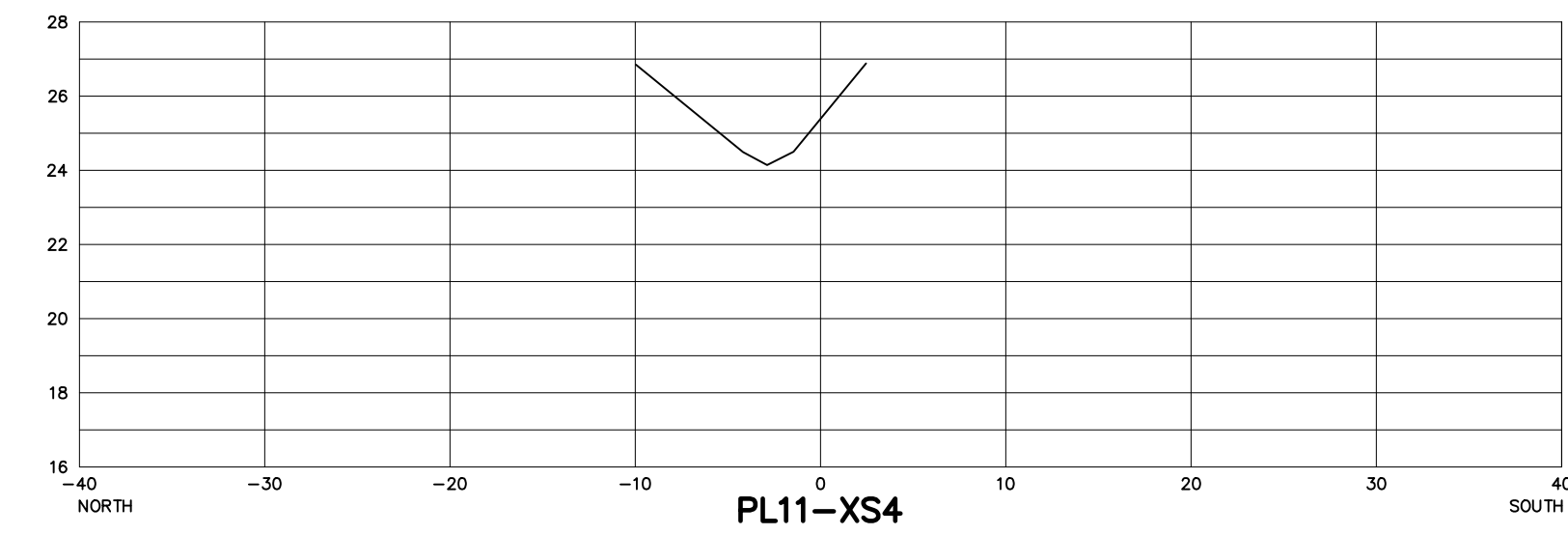
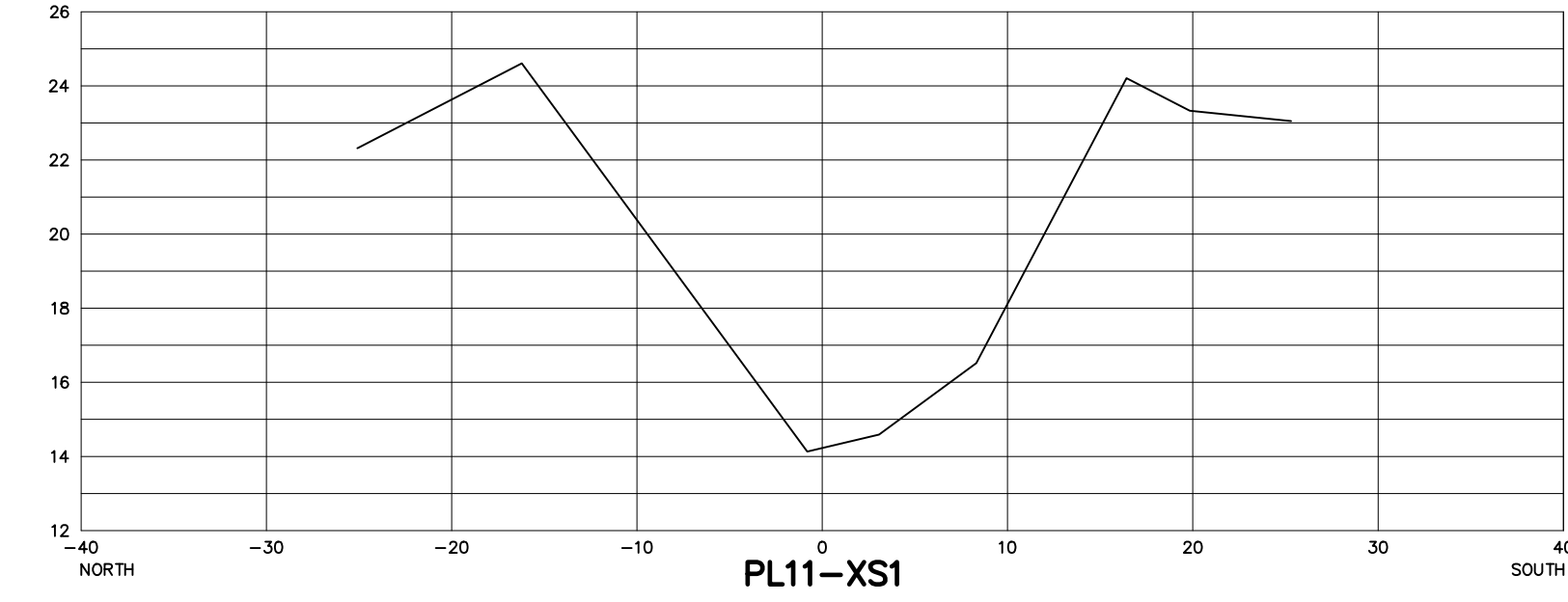
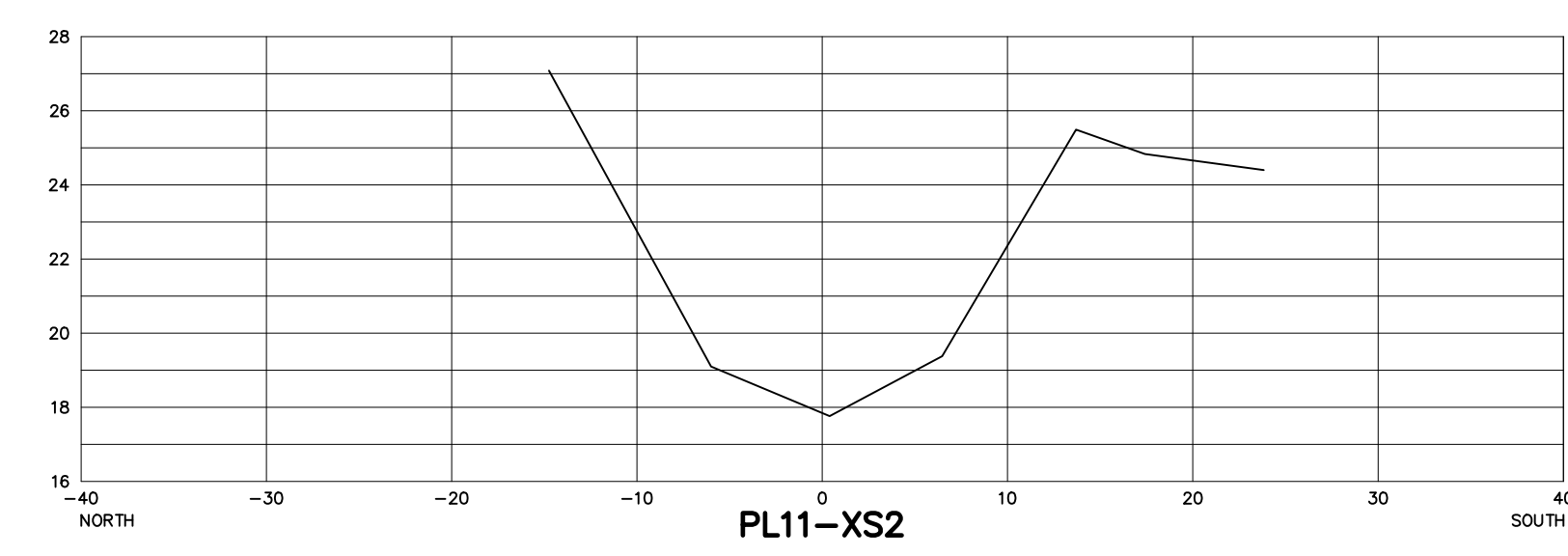
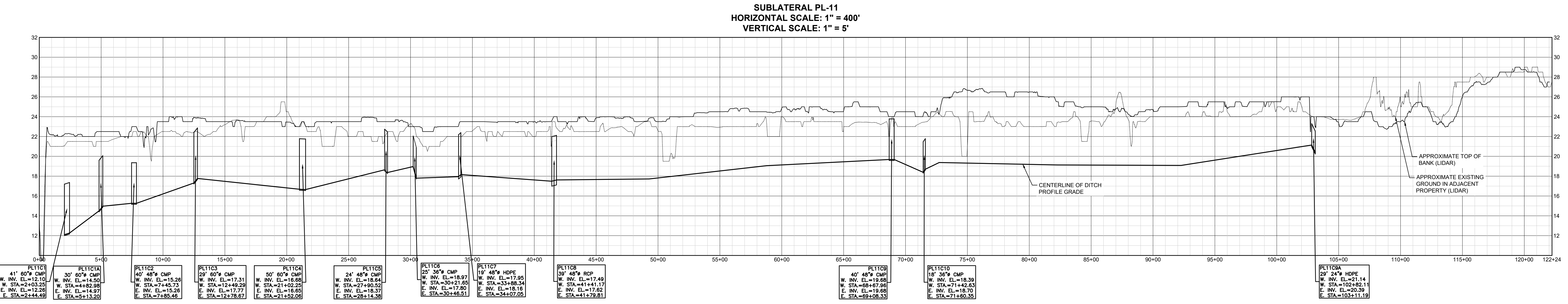
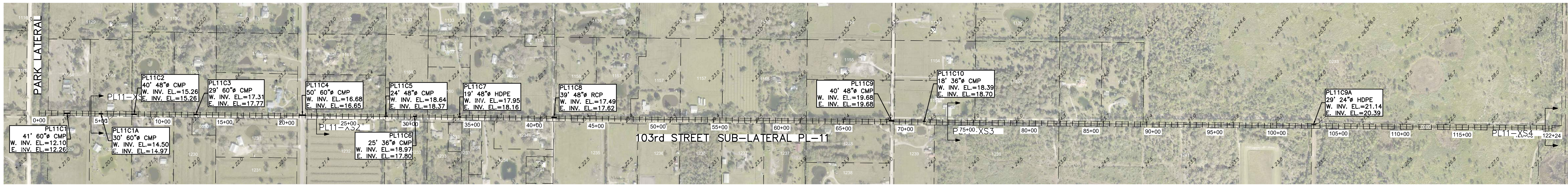
NO.	REVISION	DATE
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THIS SURVEY CONSISTS OF
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-11 103RD ST**

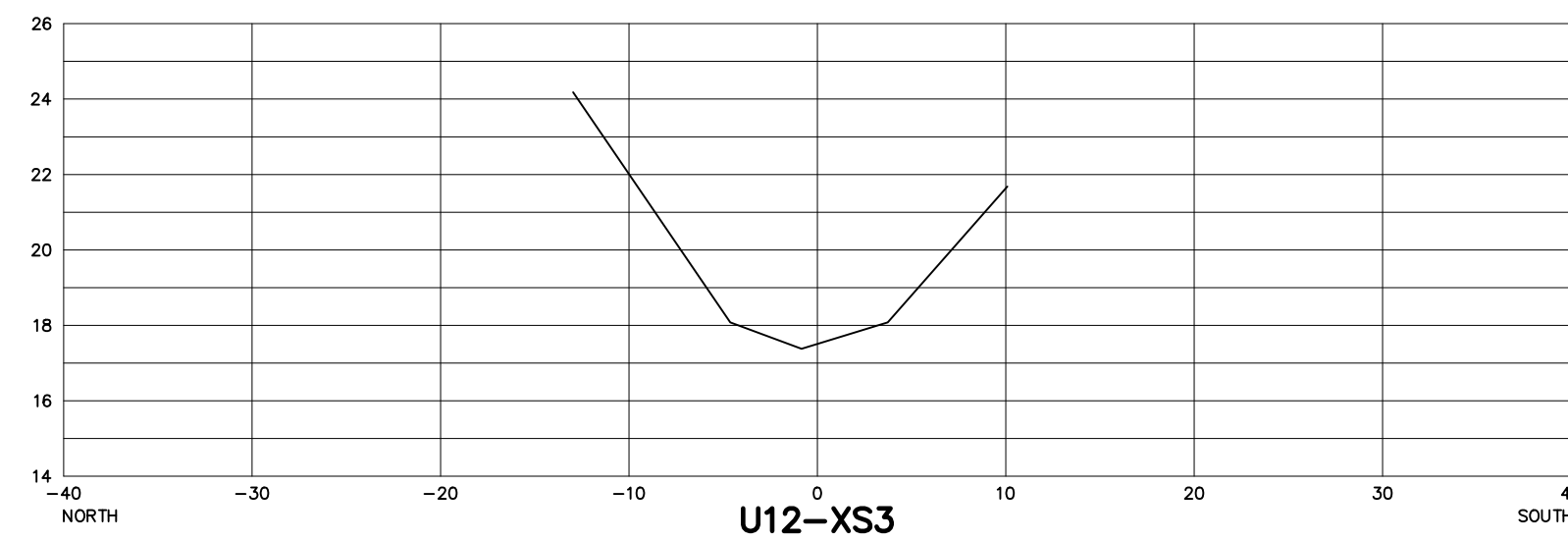
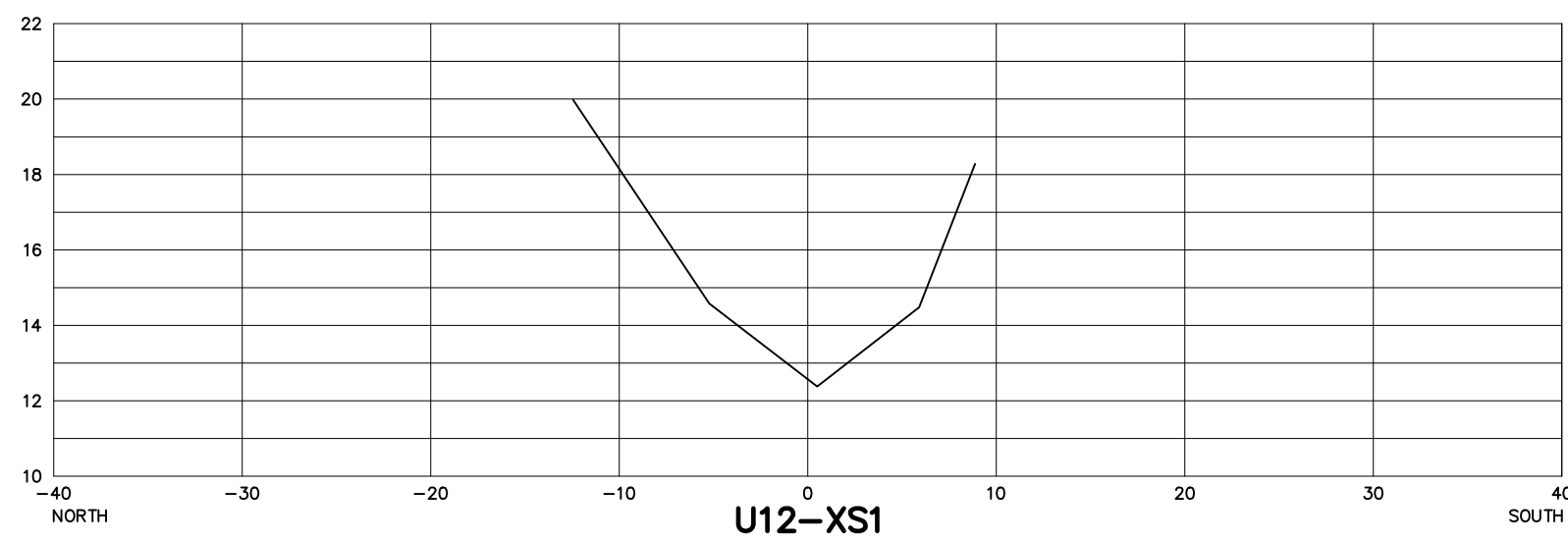
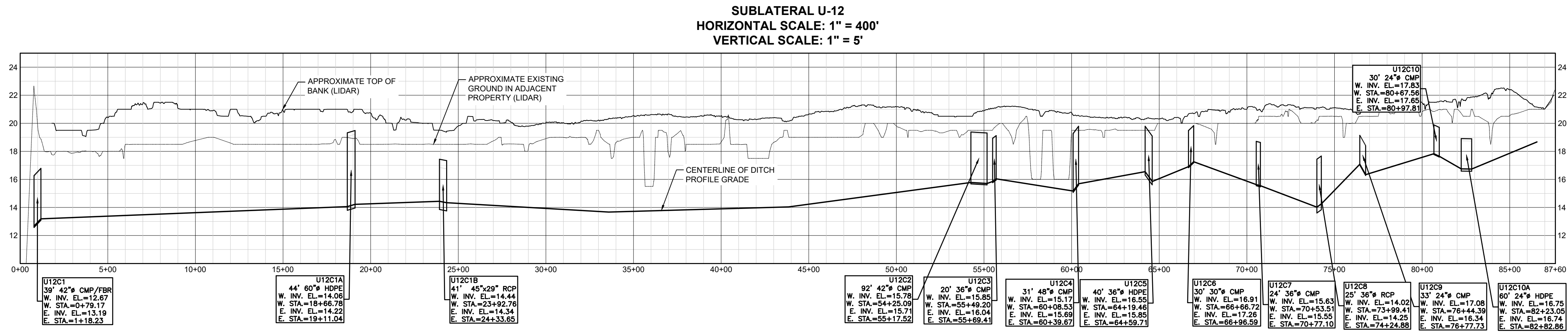
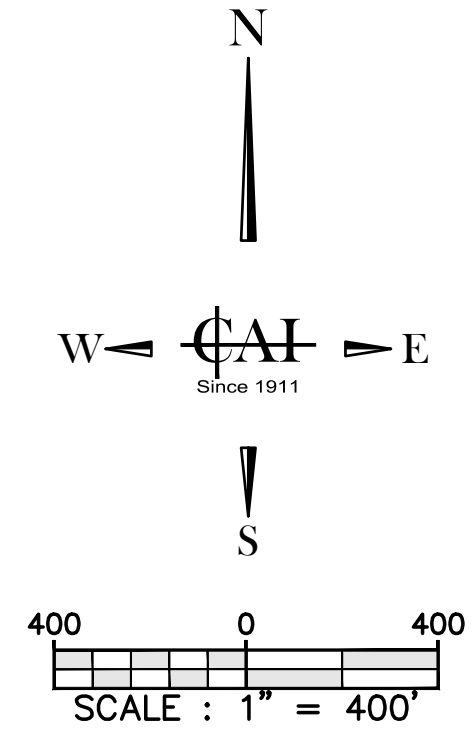
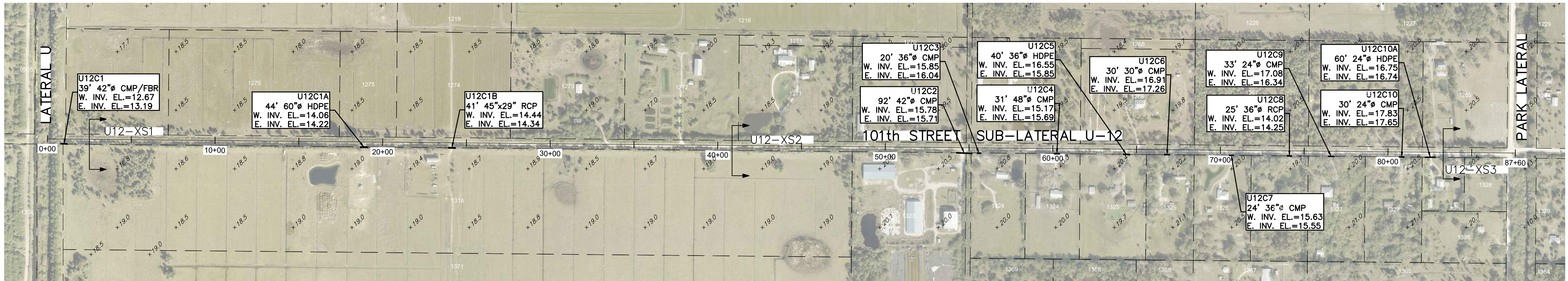
SHEET
C-22
DWG. NO:



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'
SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
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NAVD'88 USING A CONVERSION FACTOR OF -1.42



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
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VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

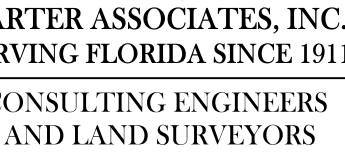
NO.	REVISION	DATE
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THIS SURVEY CONSISTS OF
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UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-12 101ST ST**

SHEET
C-23
DWG. NO:



TEL: (772) 562-4191
EMAIL: DLuethje@Carterassoc.com

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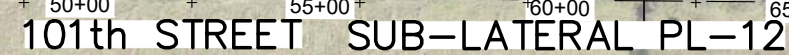
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INDIAN RIVER COUNTY, FLORIDA

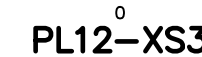
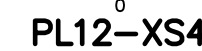
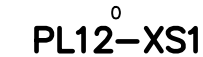
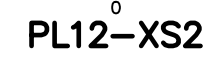
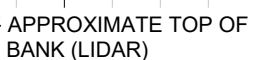
DATE : Jun 2024
 PROJ. # : 90-09E
 DRAWN BY: GTM
 TUM : SEE SURVEY
 F. # : 01-83E
 3. & PG. : FWCD MM/1+

SHEET

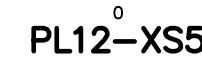
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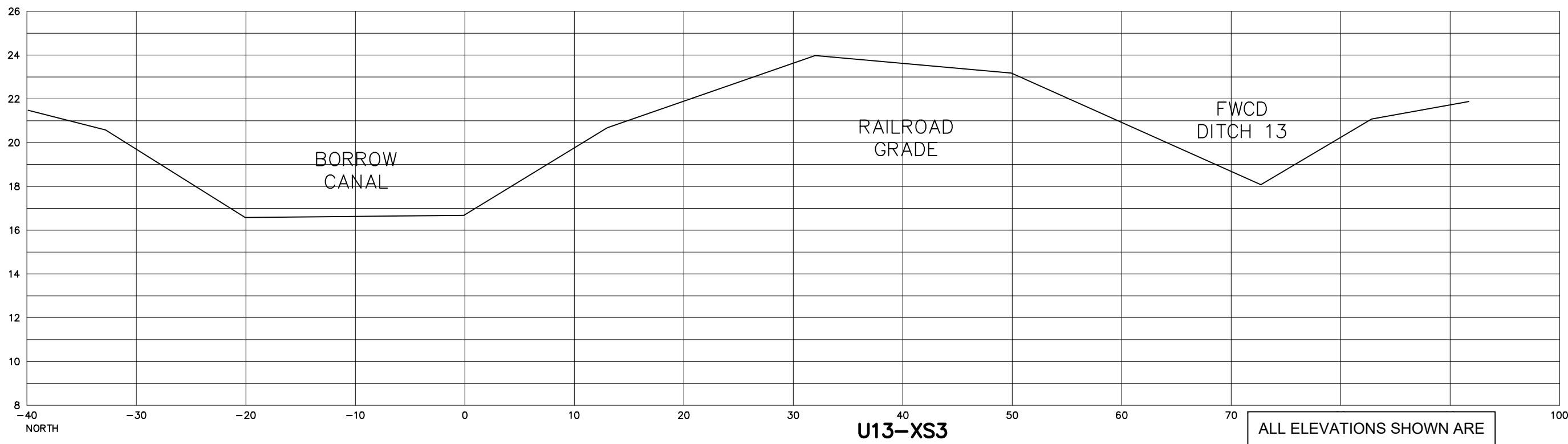
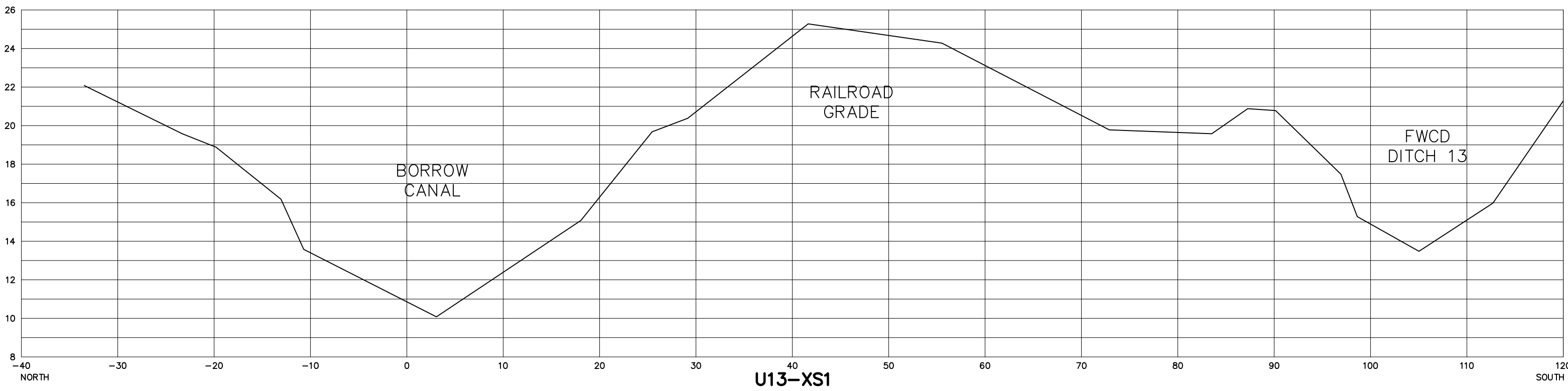
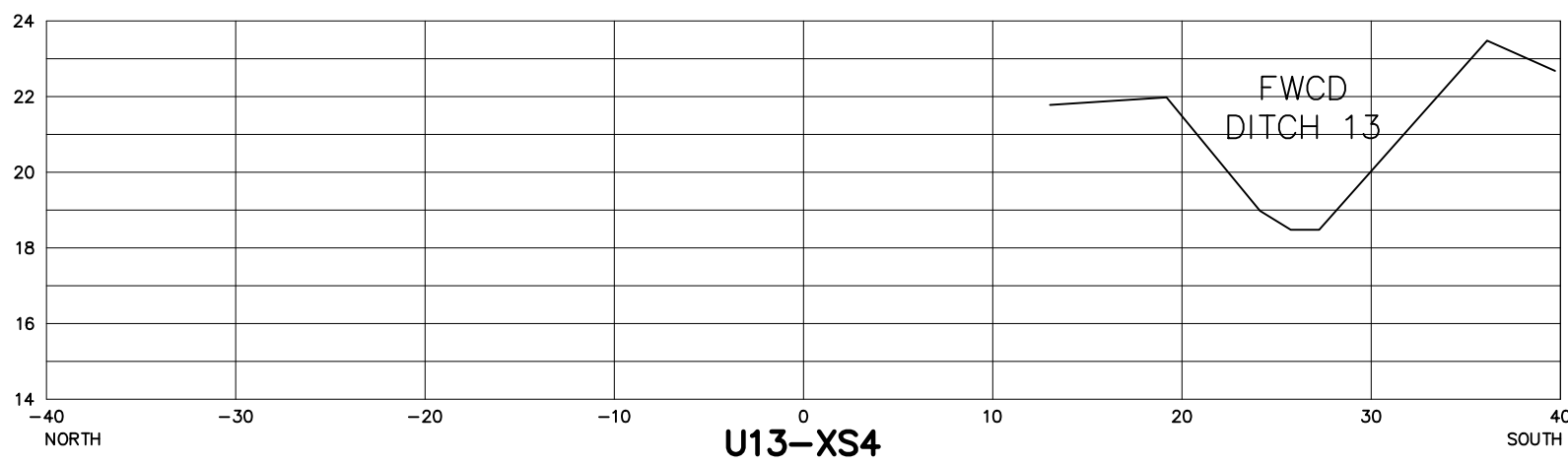
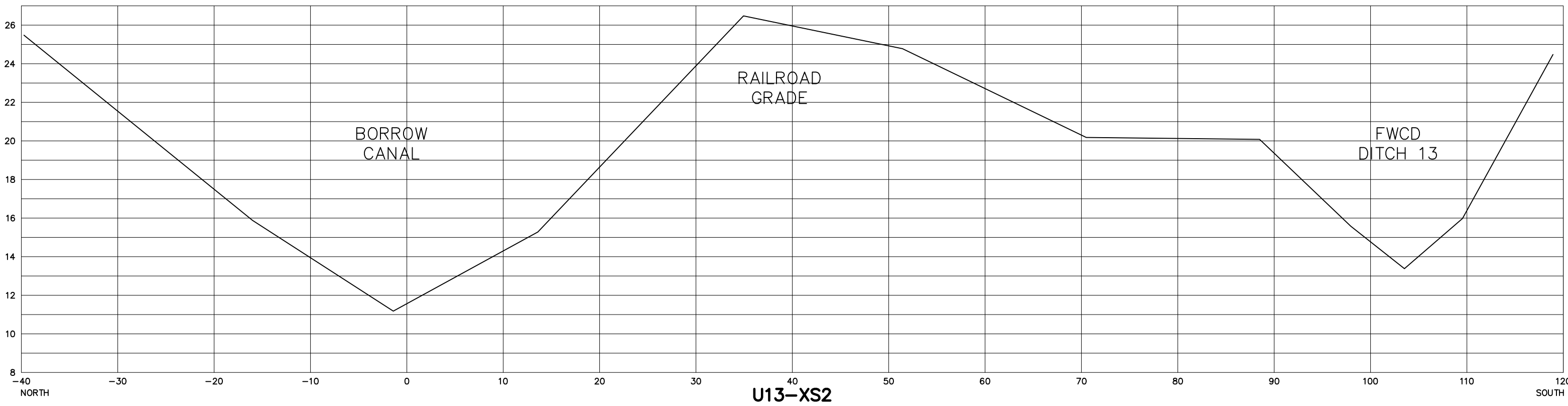
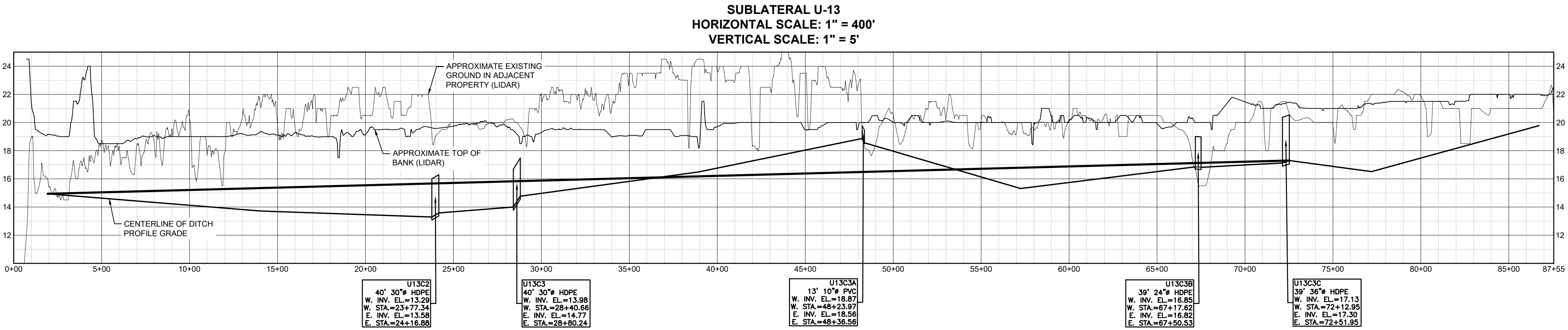
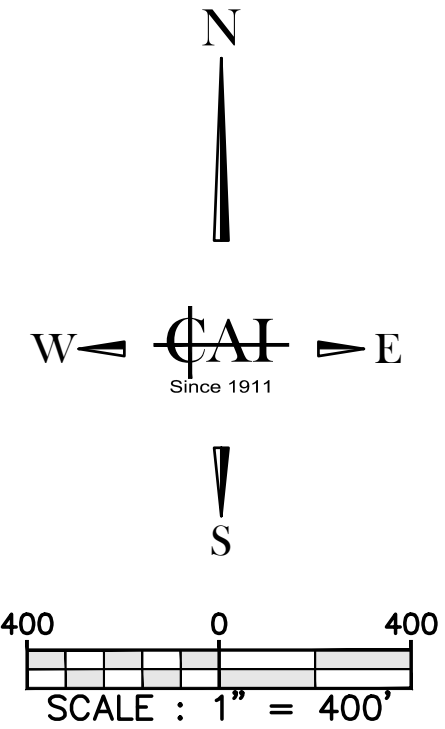
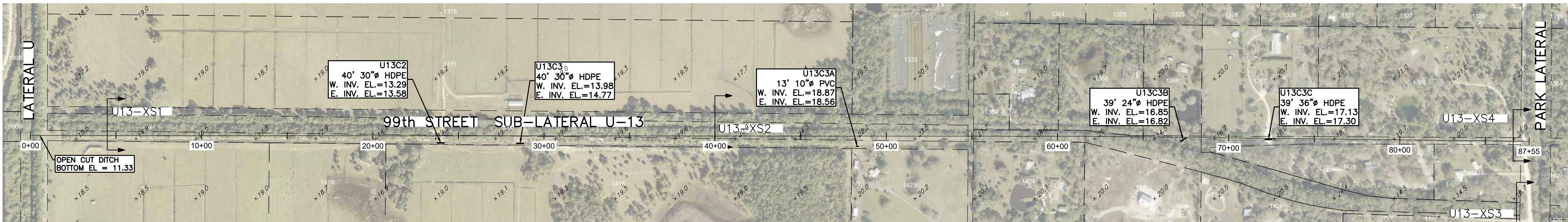
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SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42



VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
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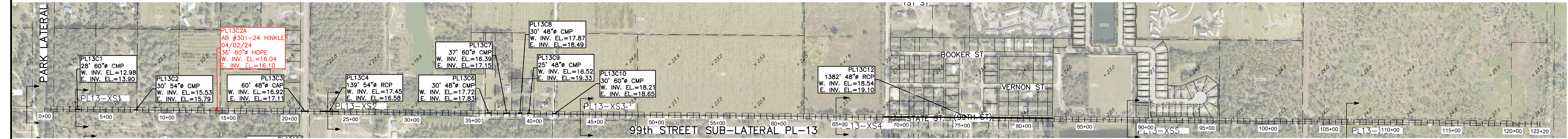
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-13 99TH ST**

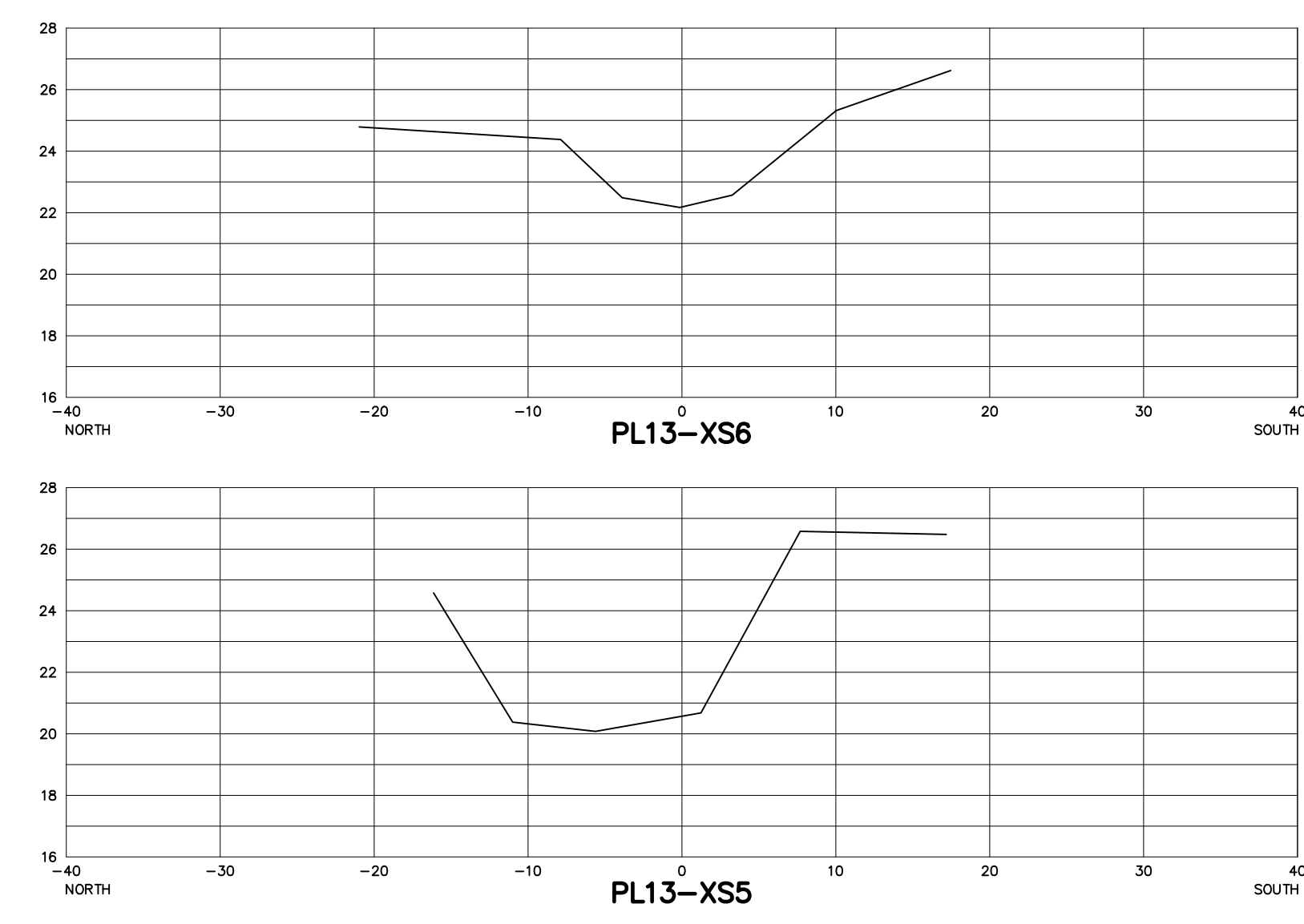
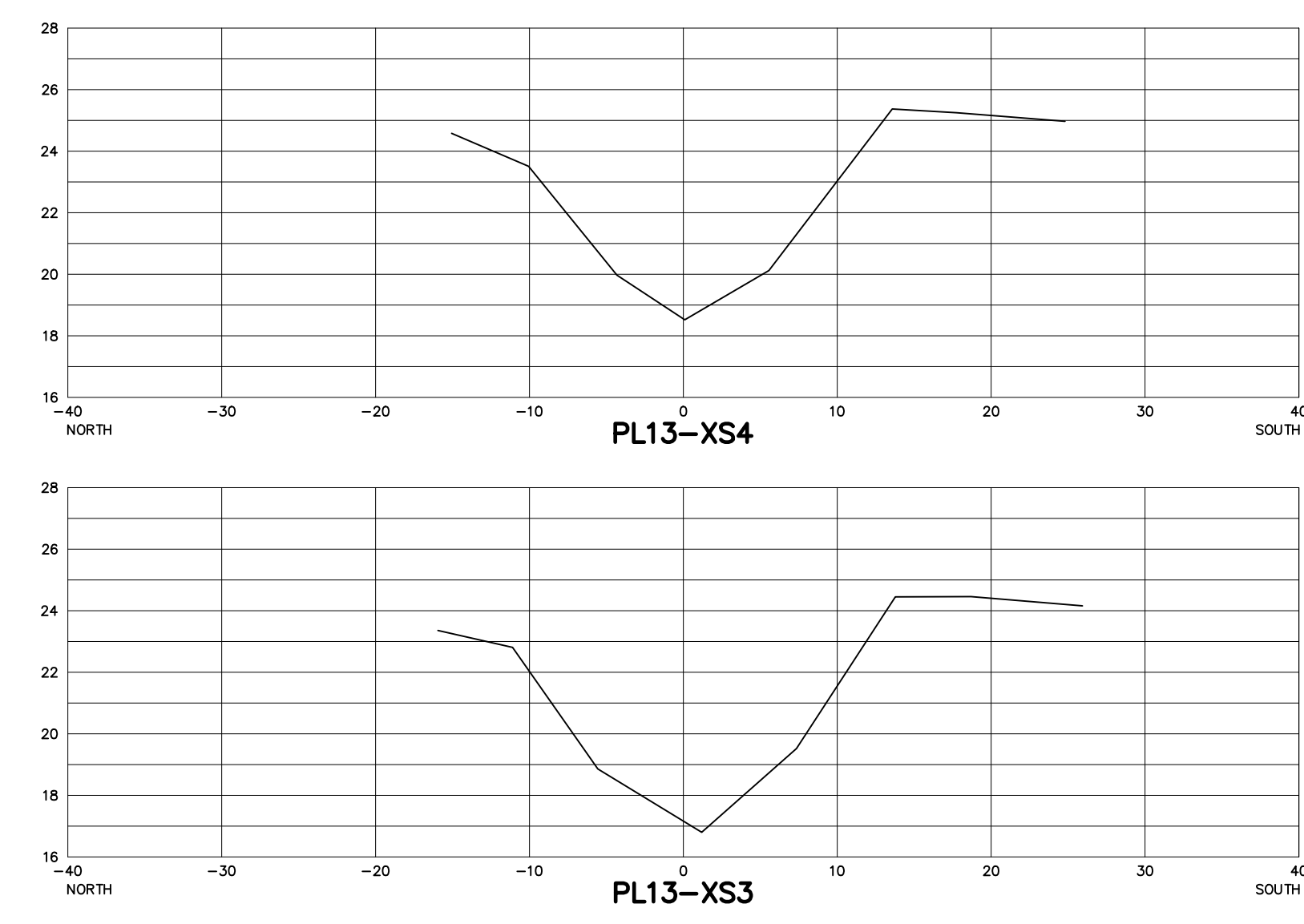
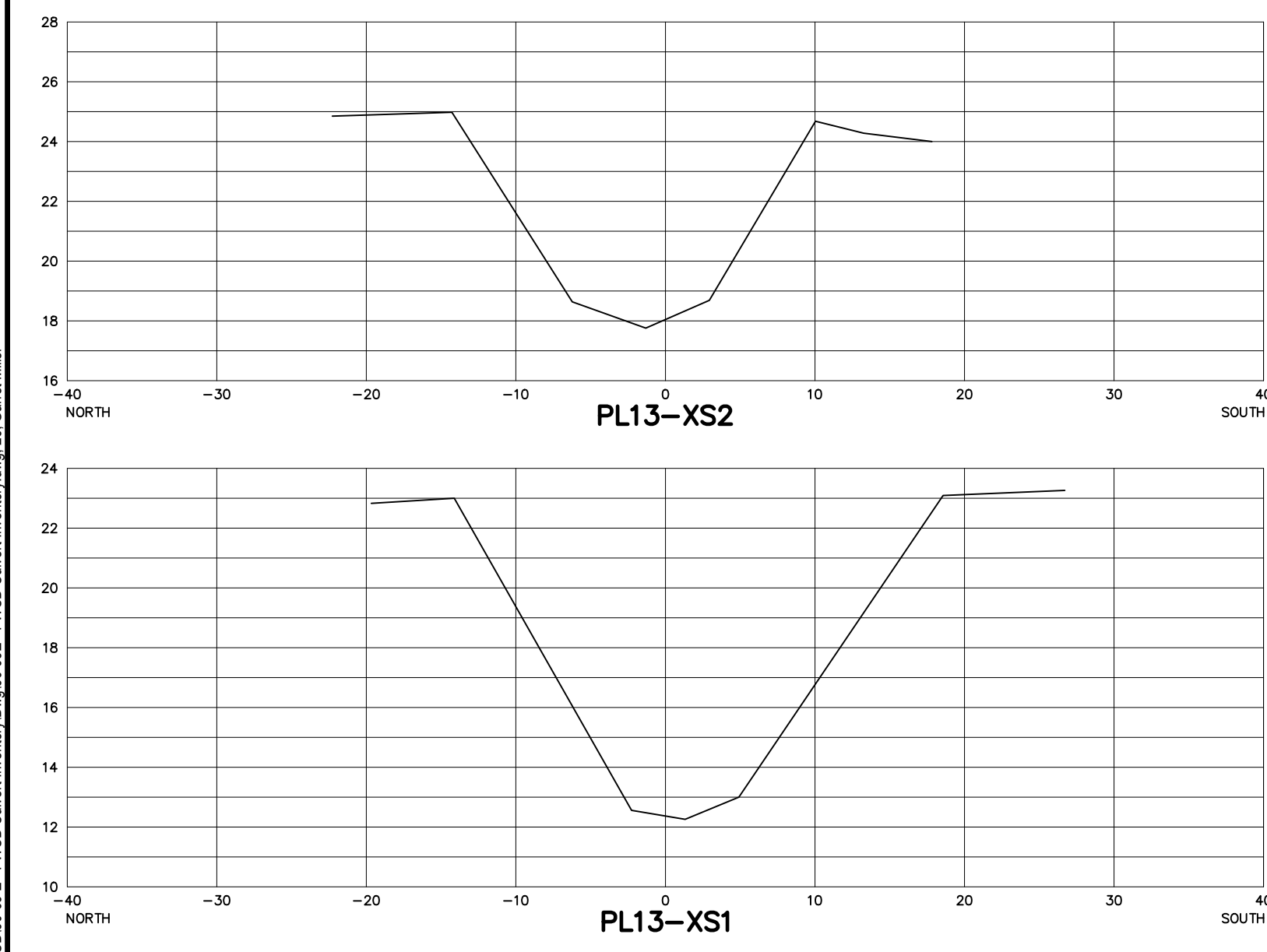
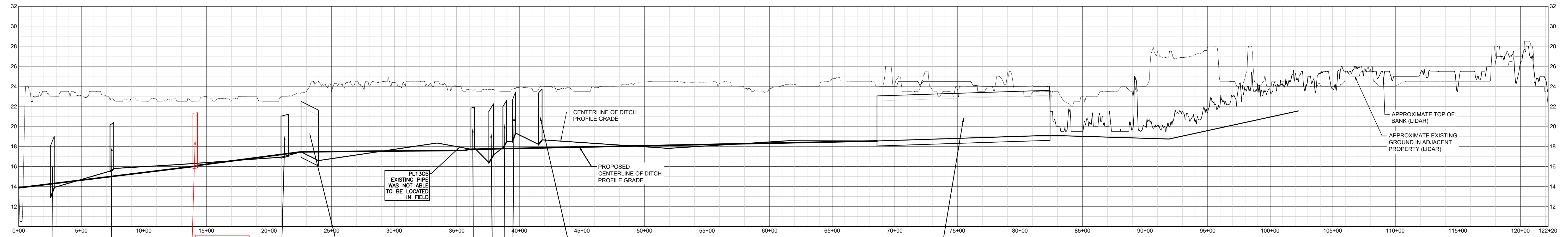
SHEET
C-25

DWG. NO:

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Jun 28, 24, 1:25 PM

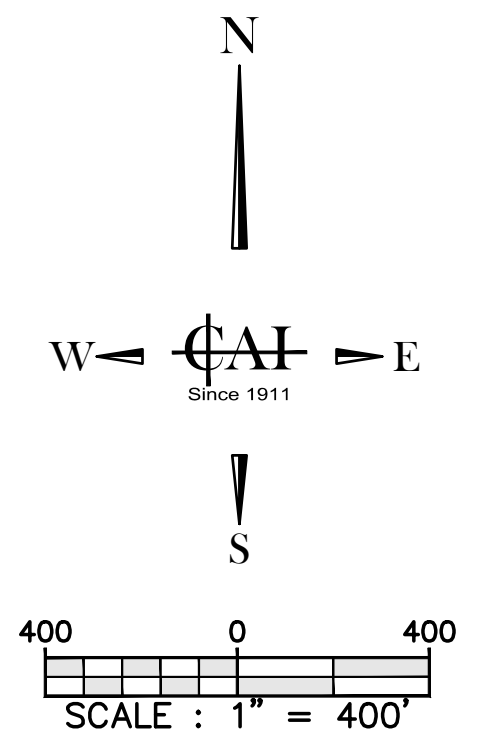


SUBLATERAL PL-13
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

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VERO BEACH, FL 32960
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EMAIL: DLach@Carterassoc.com
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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0940

NO.	REVISION	DATE

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-13 99TH ST**

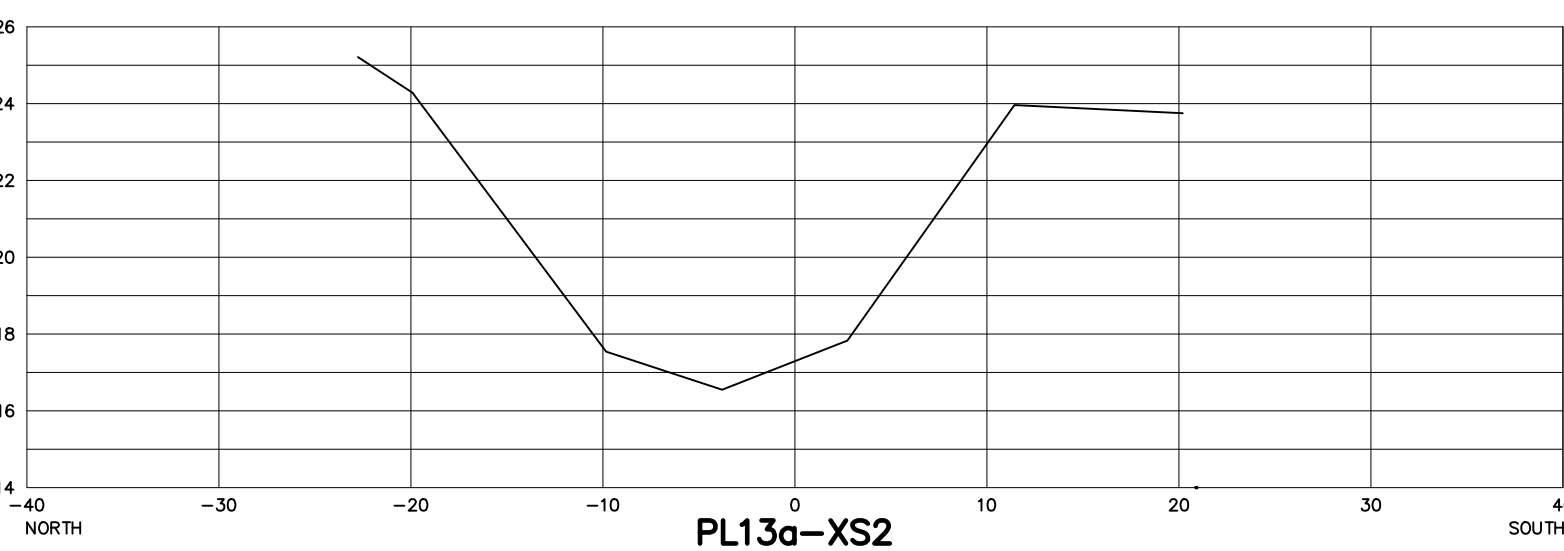
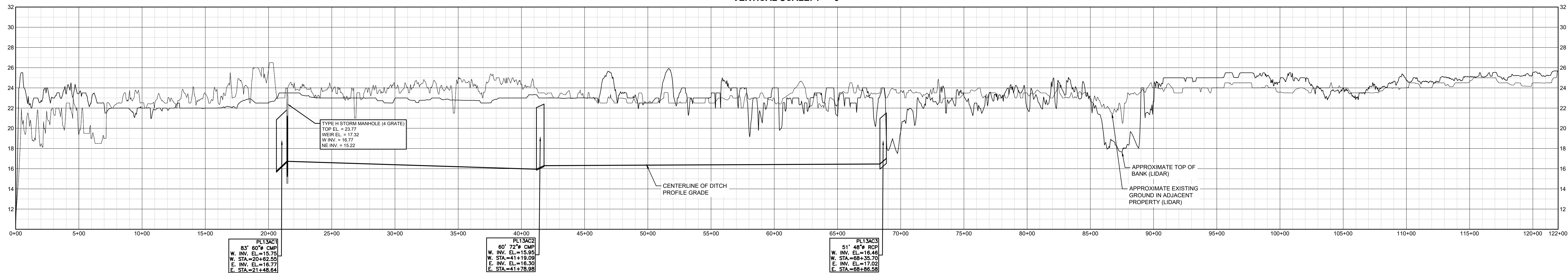
SHEET
C-26
DWG. NO:

P:\FWCD\0608 E - FWCD Culvert Inventory\DWG\0608 E - FWCD Culvert Inventory.dwg 26a Garrett Miller

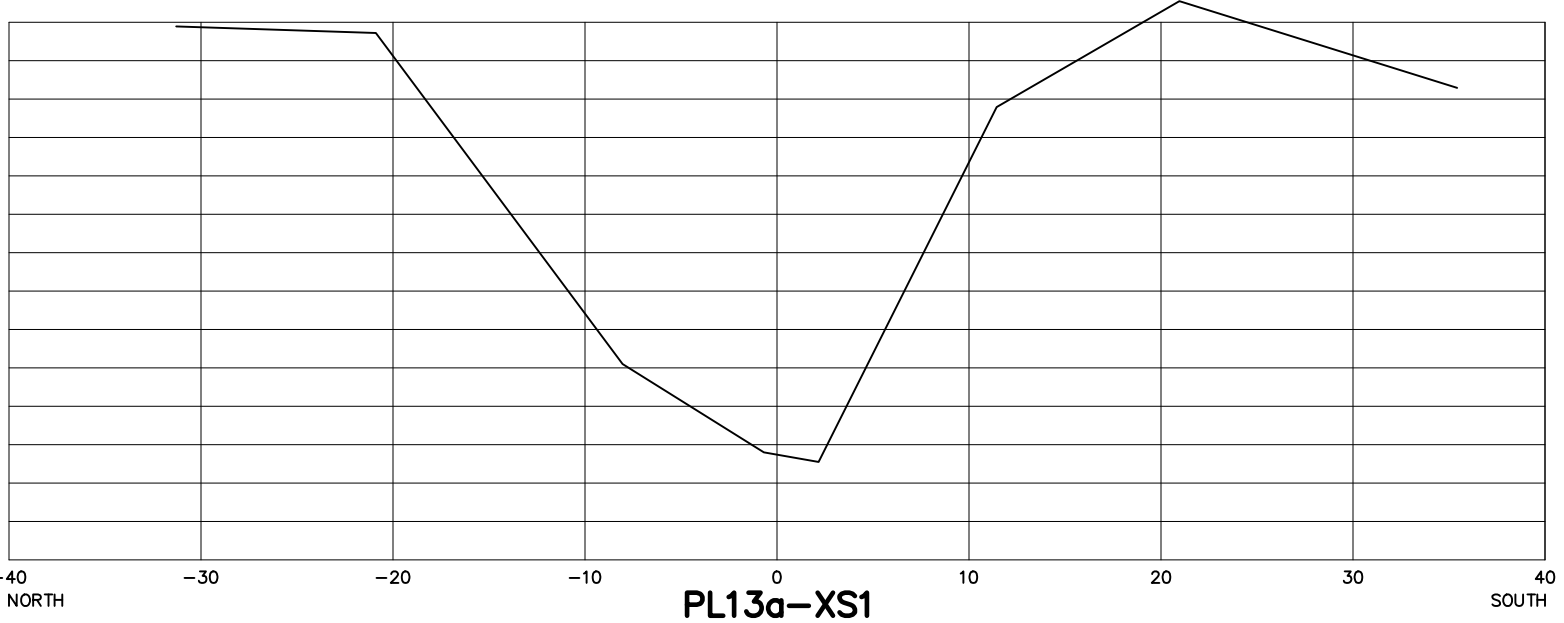
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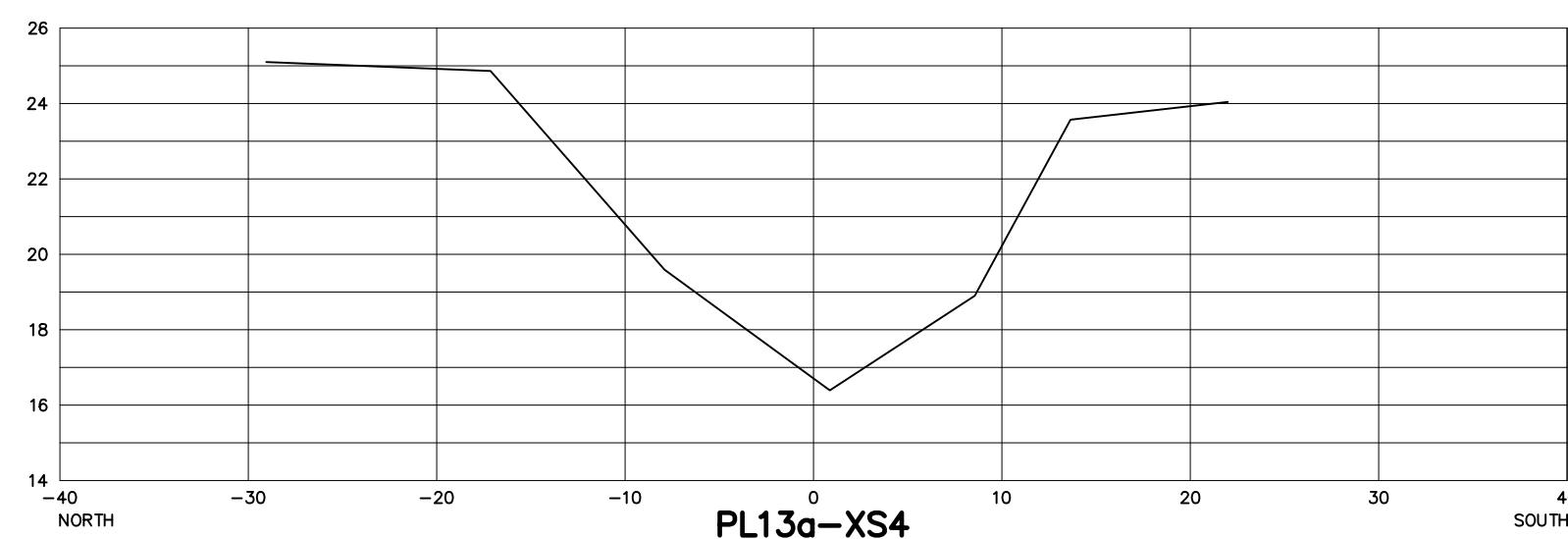
SUBLATERAL PL-13A
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



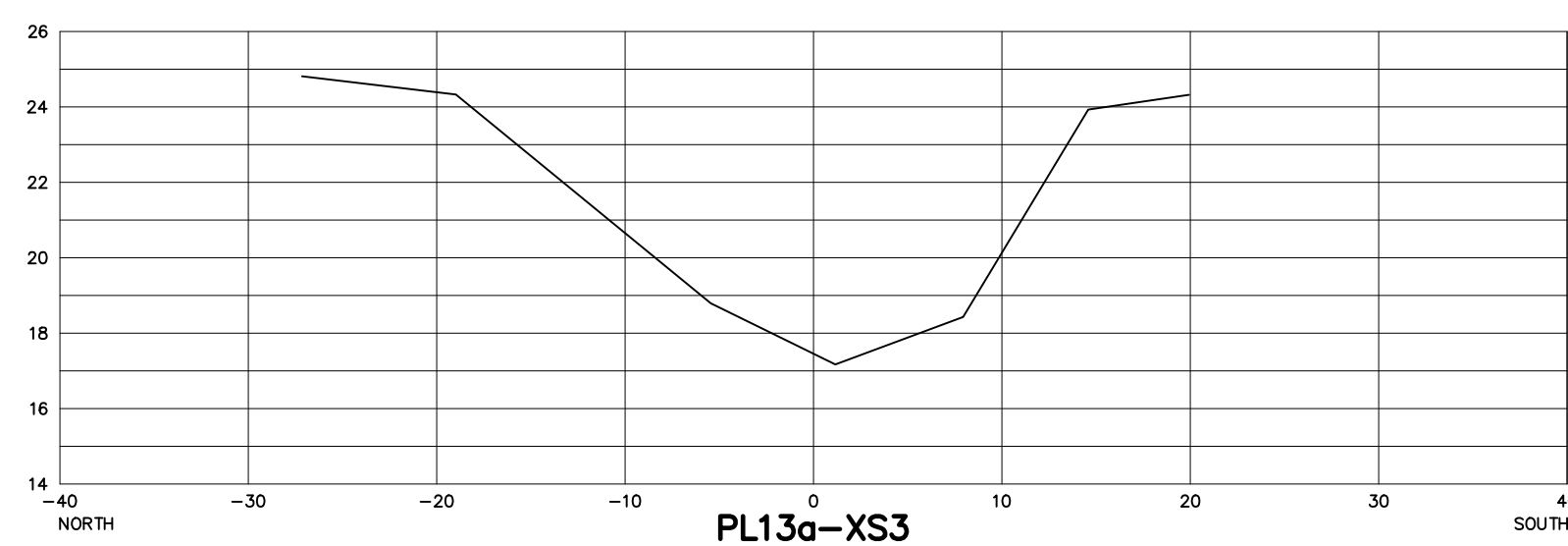
PL13a-XS2



PL13a-XS1



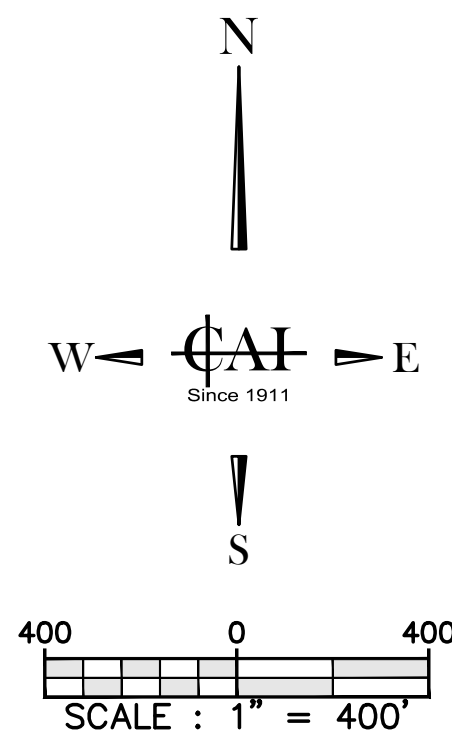
PL13a-XS4



PL13a-XS3

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

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VERTICAL DATUM NOTE:
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REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
1		
2		
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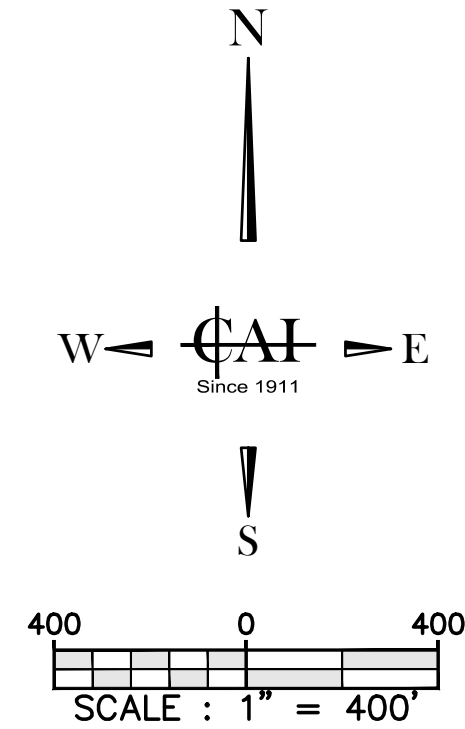
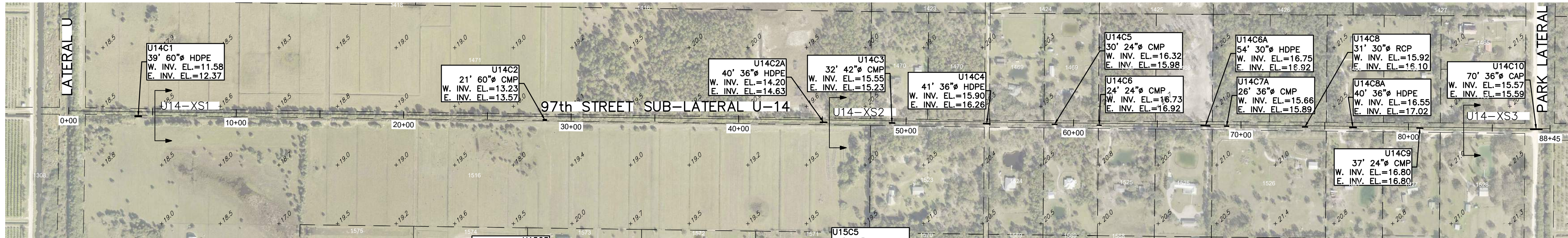
THIS SURVEY CONSISTS OF
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-13A**

SHEET
C-26A
DWG. NO:

Jun 28, 24, 1:25 PM P:\FVCD\0608 E - FVCD Culvert Inventory\Drawings\06 E - FVCD Culvert Inventory\Jing 27, Garrett Miller



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CONTROL DISTRICT
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TEL: 772-571-0640

NO.	REVISION	DATE

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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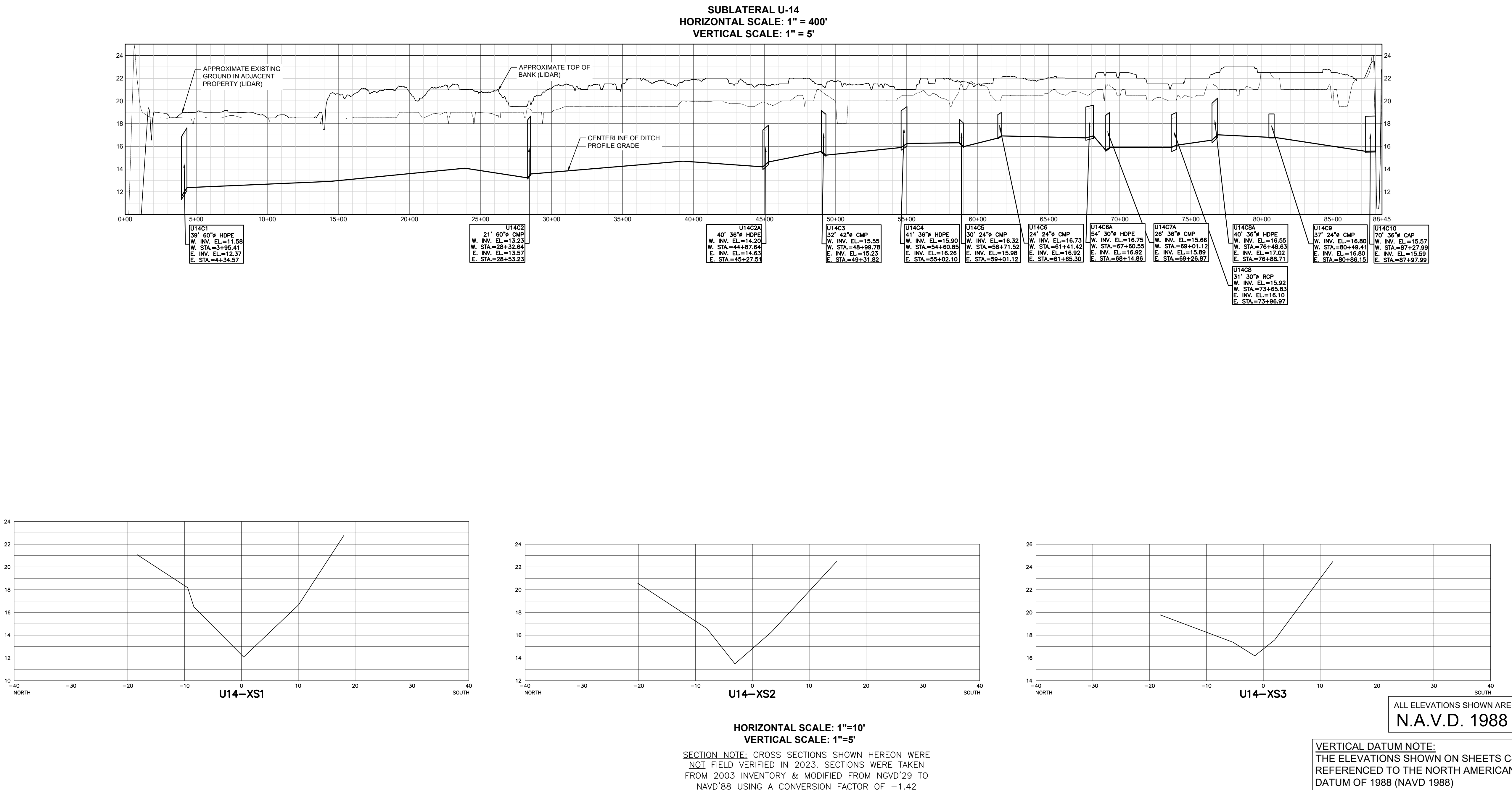
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-14 97TH ST**

SHEET

C-27

DWG. NO:



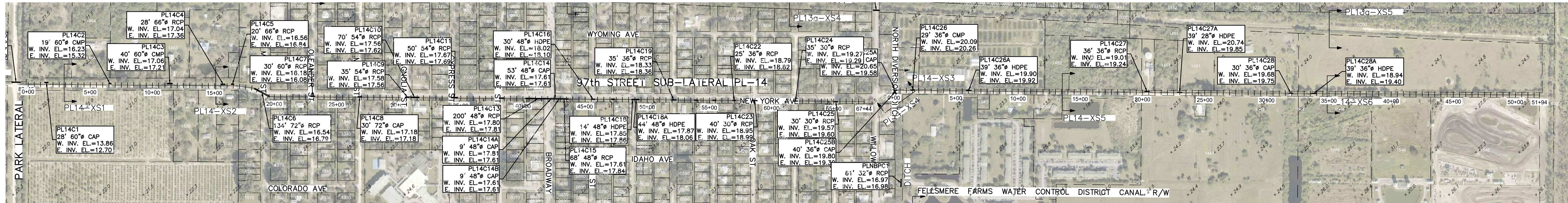
NO.	REVISION	DATE

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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : OTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

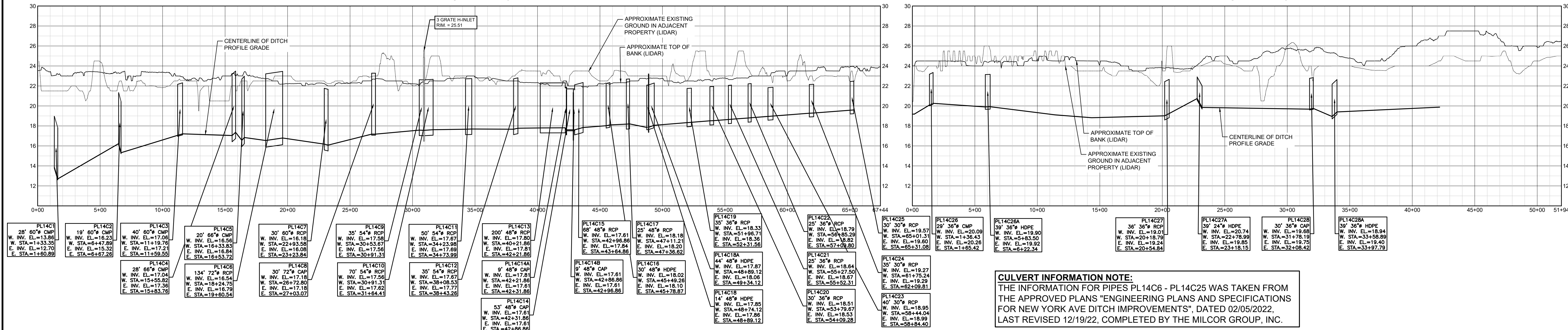
SHEET TITLE:
**SUBLATERAL
PL-14 97TH ST**

SHEET
C-28
DWG. NO:

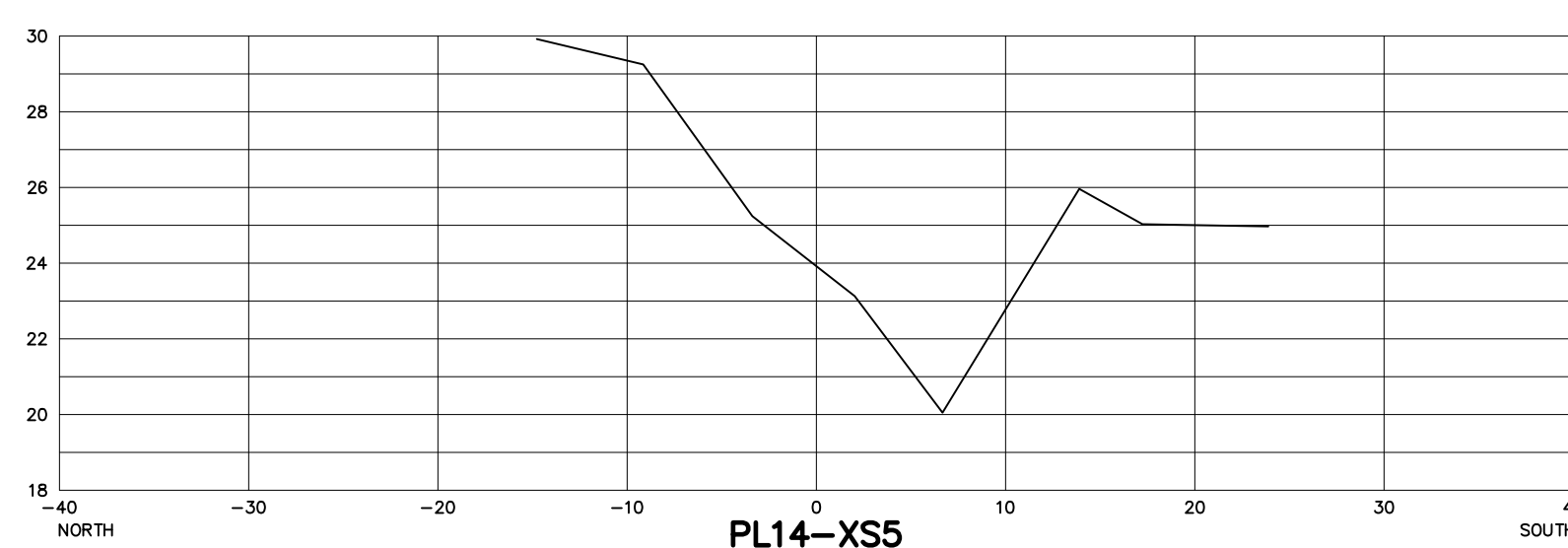
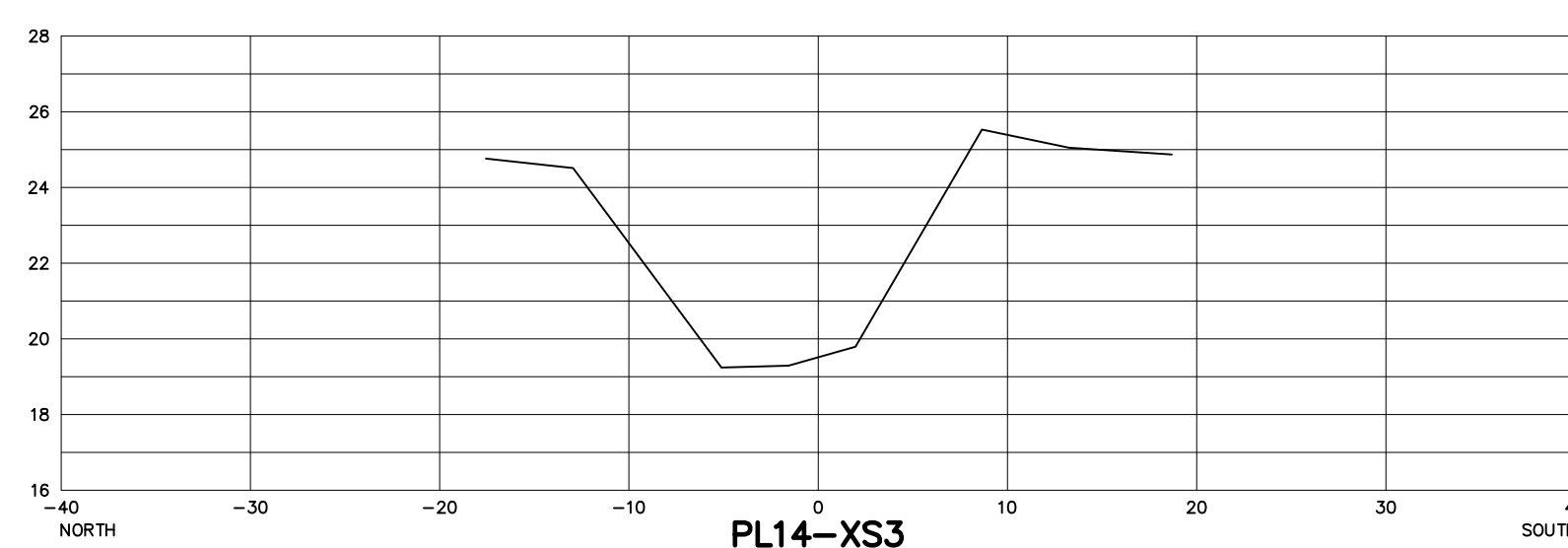
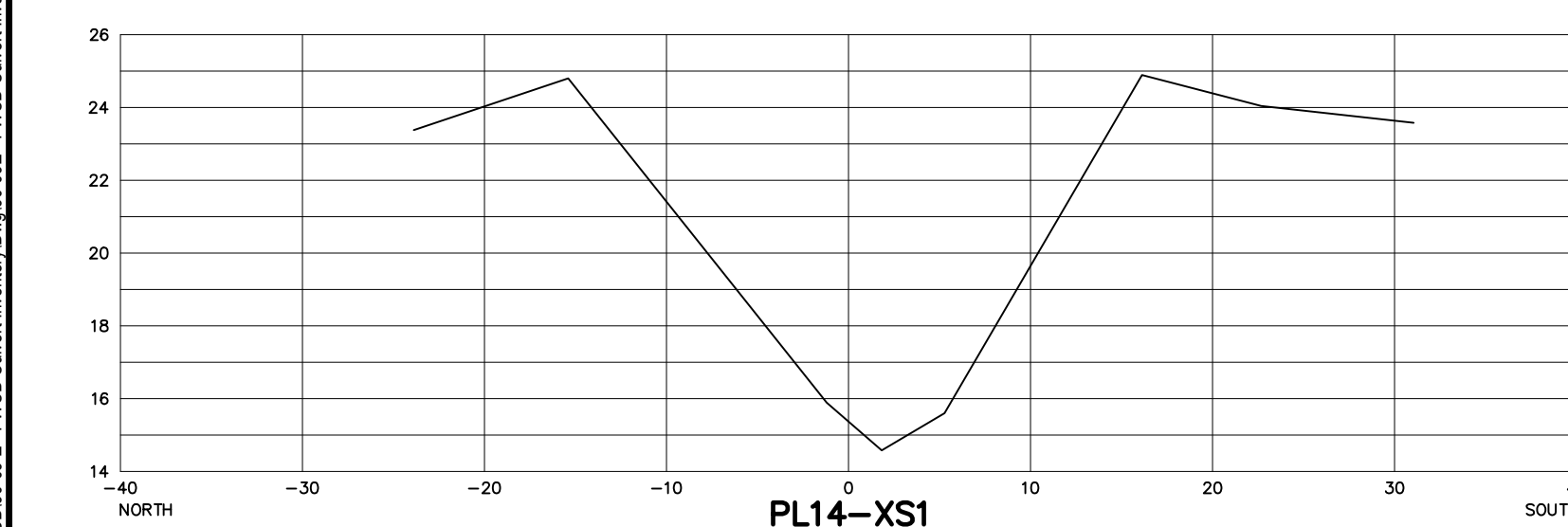
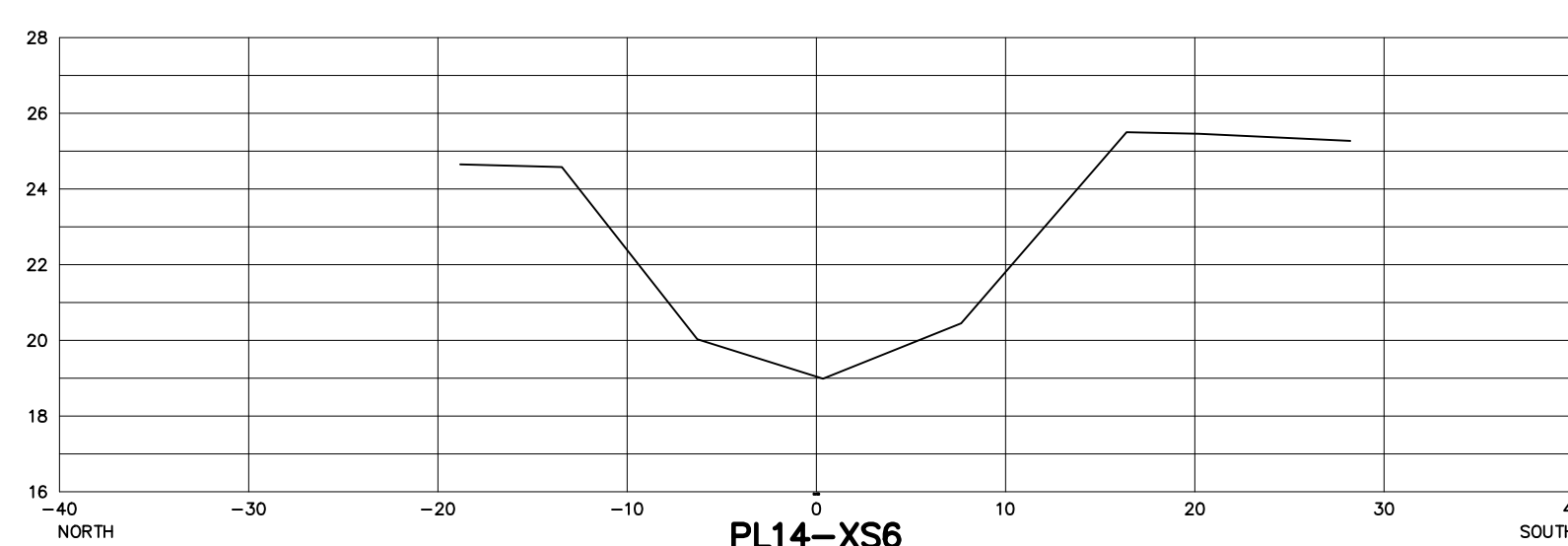
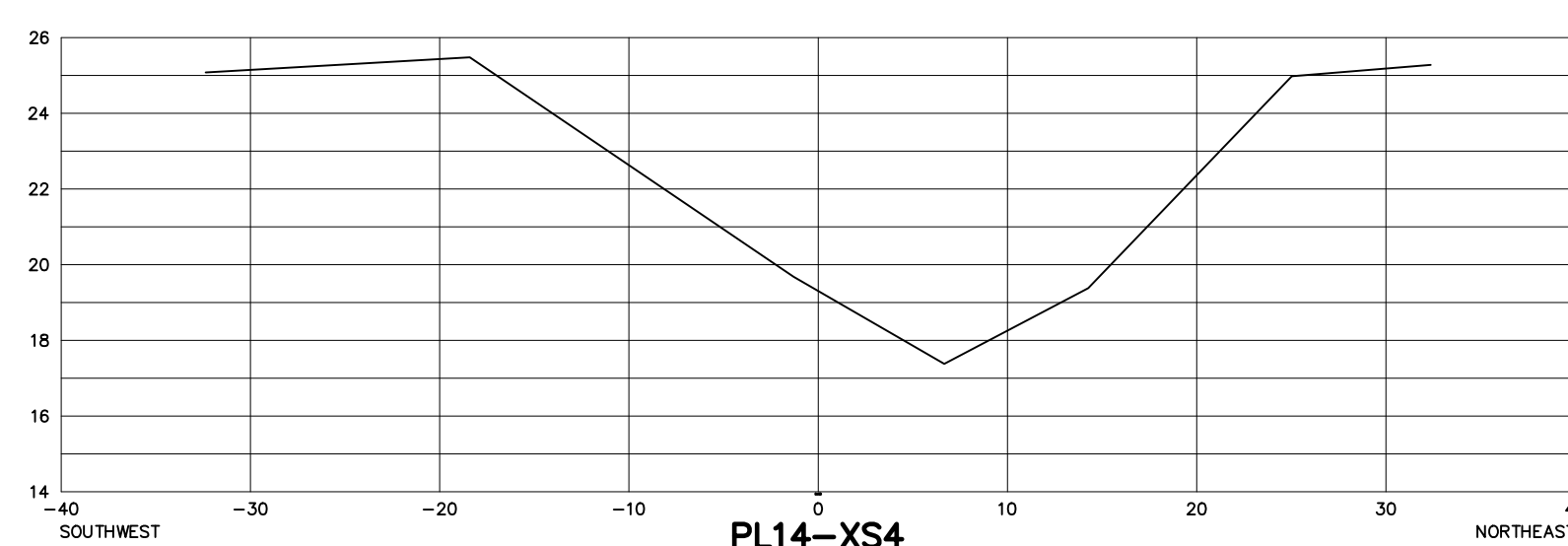
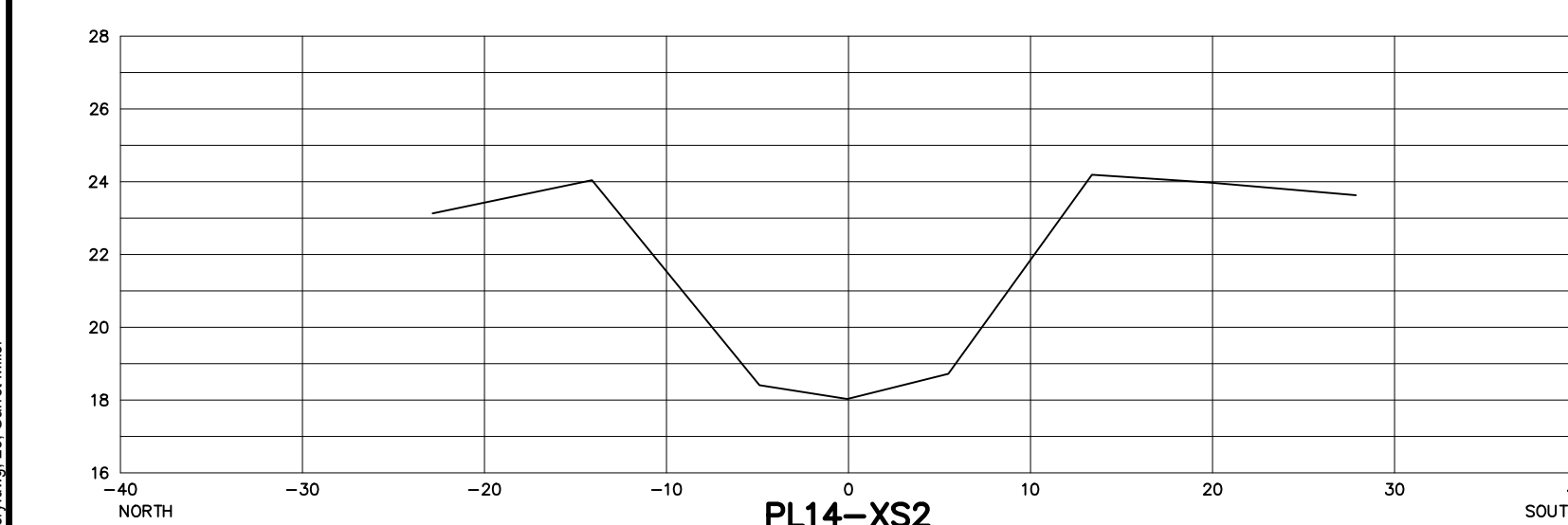
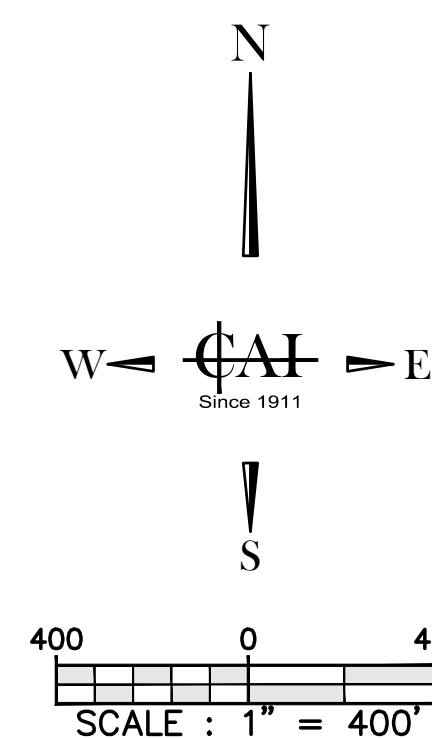


SUBLATERAL PL-14
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'

SUBLATERAL PL-14B
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



CULVERT INFORMATION NOTE:
THE INFORMATION FOR PIPES PL14C6 - PL14C25 WAS TAKEN FROM THE APPROVED PLANS "ENGINEERING PLANS AND SPECIFICATIONS FOR NEW YORK AVE DITCH IMPROVEMENTS", DATED 02/05/2022. LAST REVISED 12/19/22, COMPLETED BY THE MILCOR GROUP, INC.



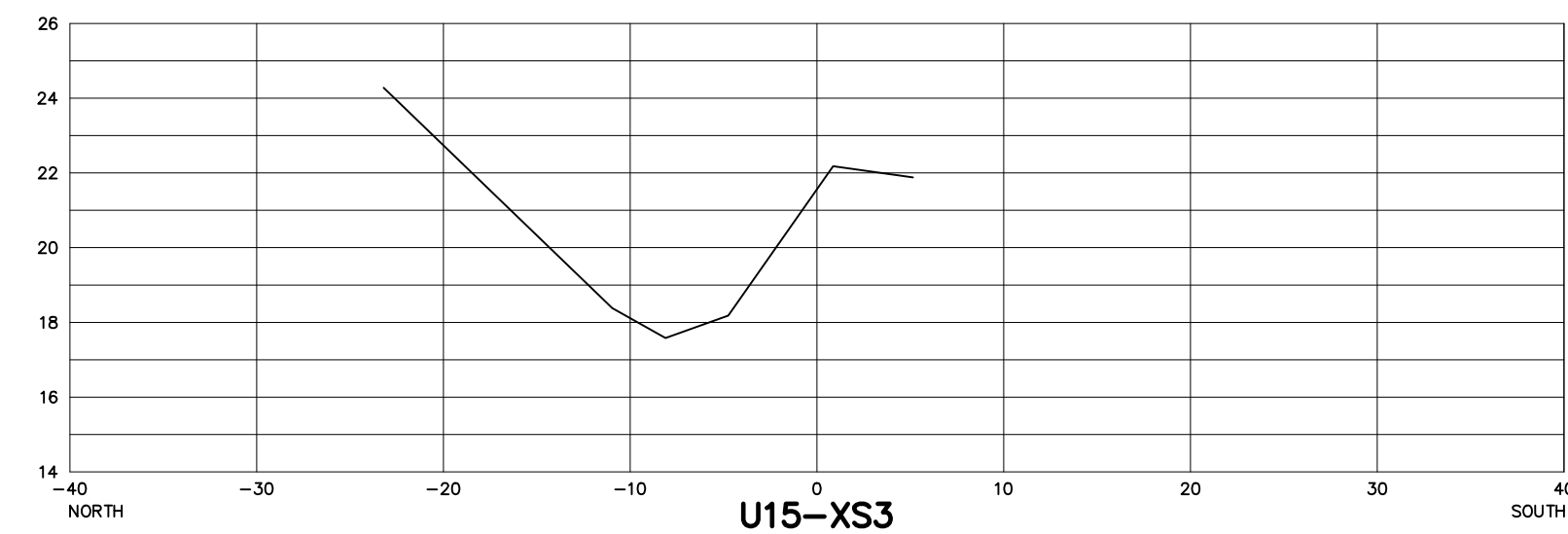
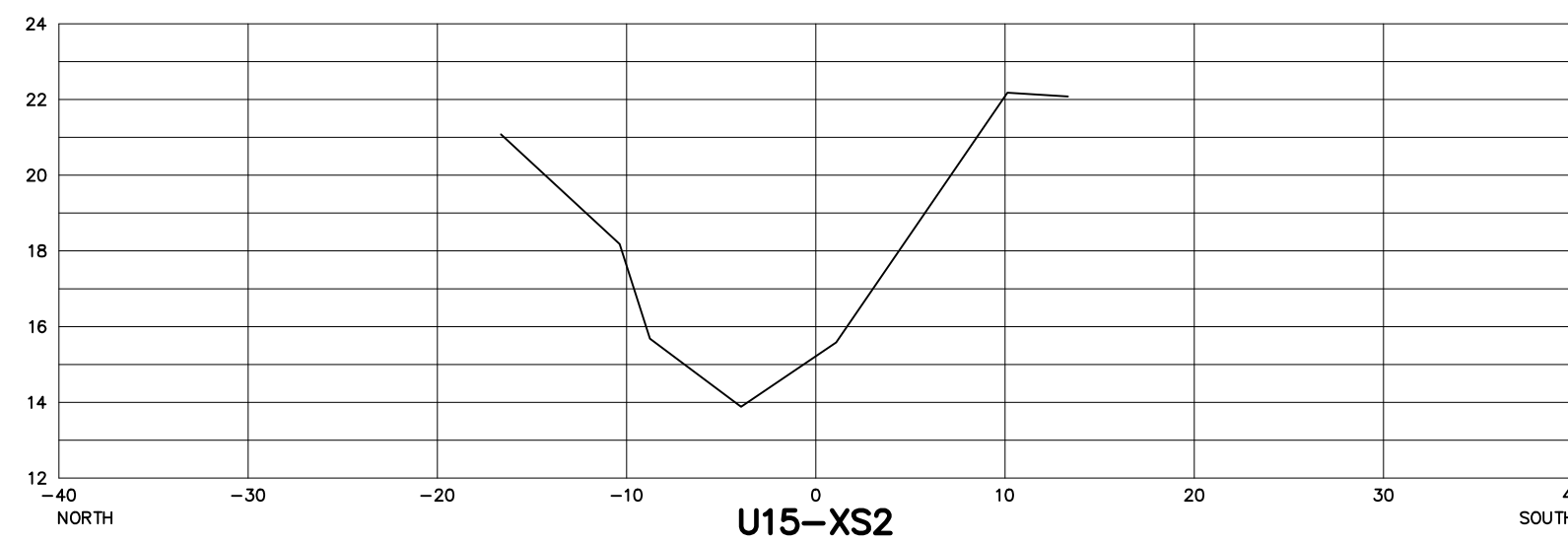
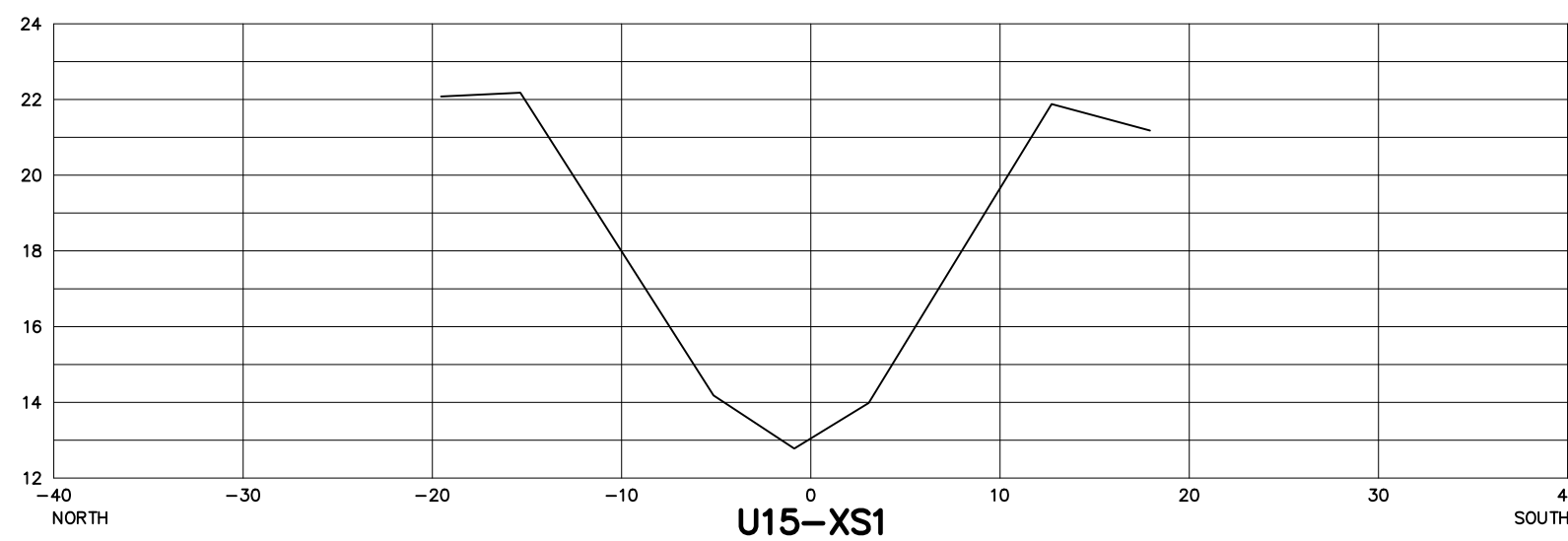
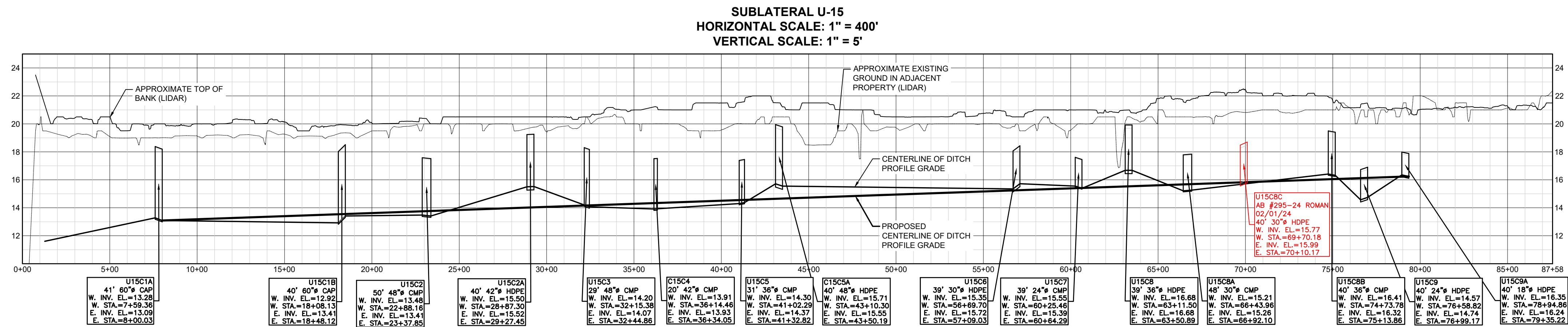
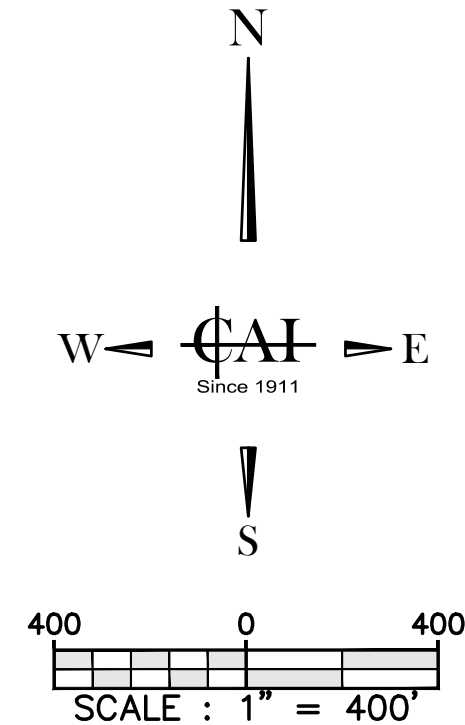
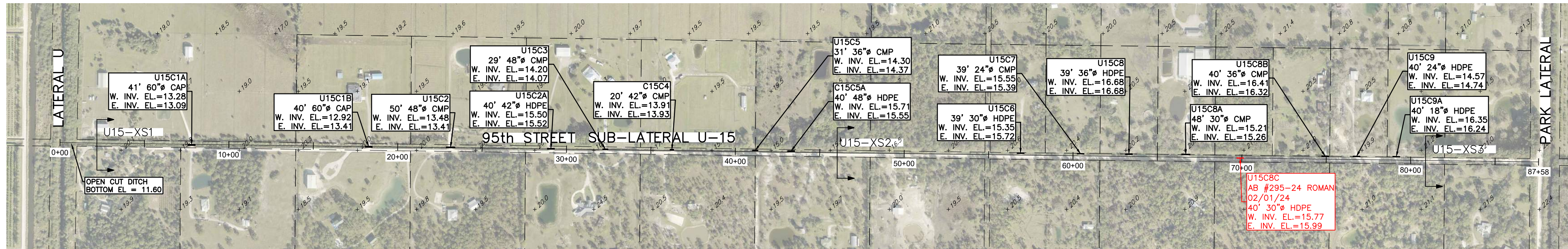
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

S:\CA\Project\FWCD\9509 E - FWCD Culvert Inventory\Drawings\9509 E - FWCD Culvert Inventory.dwg, 29, Garrett Miller
Jun 28, 24, 1:37 PM



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
1		
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10		

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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-15 95TH ST**

SHEET
C-29
DWG. NO:



CARTER ASSOCIATES, INC.
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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948

EMAIL: tsakuma@csdinc.org

TEL: 772-571-0940

NO.	REVISION	DATE

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

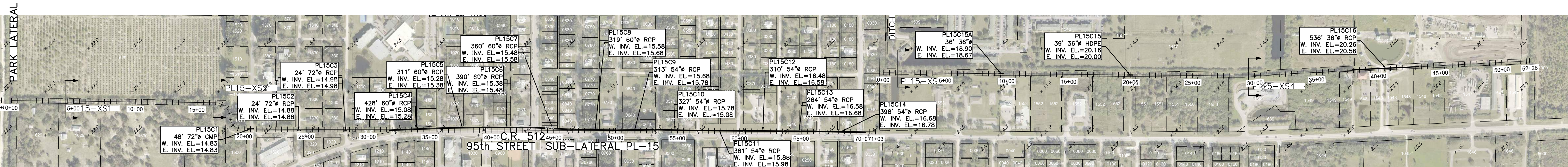
THIS SURVEY CONSISTS OF
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

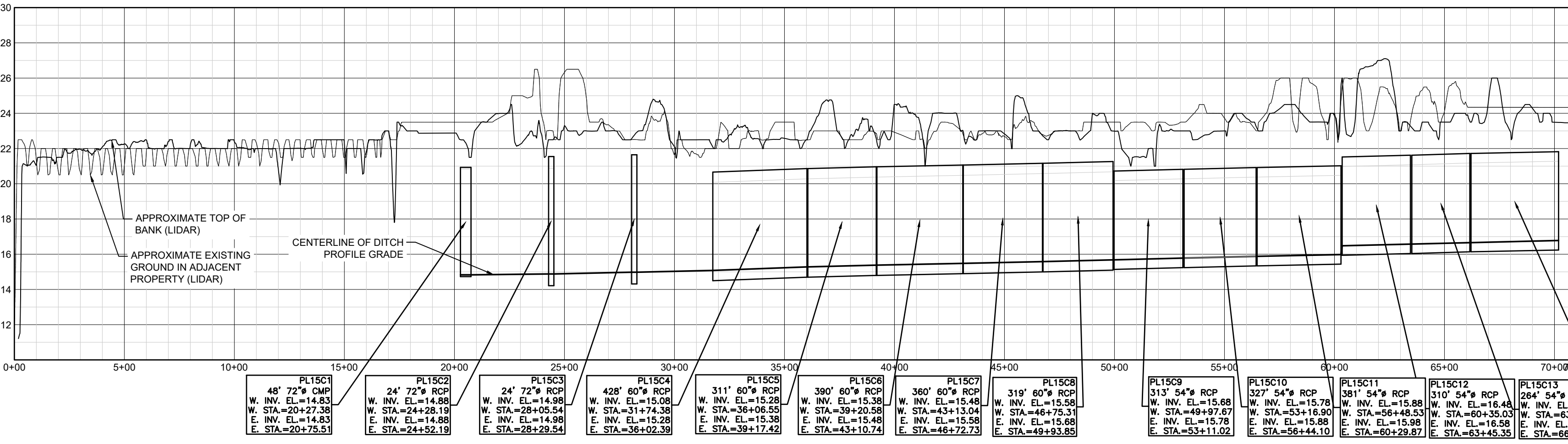
SHEET TITLE:
**SUBLATERAL
PL15 C.R. 512**

SHEET
C-30

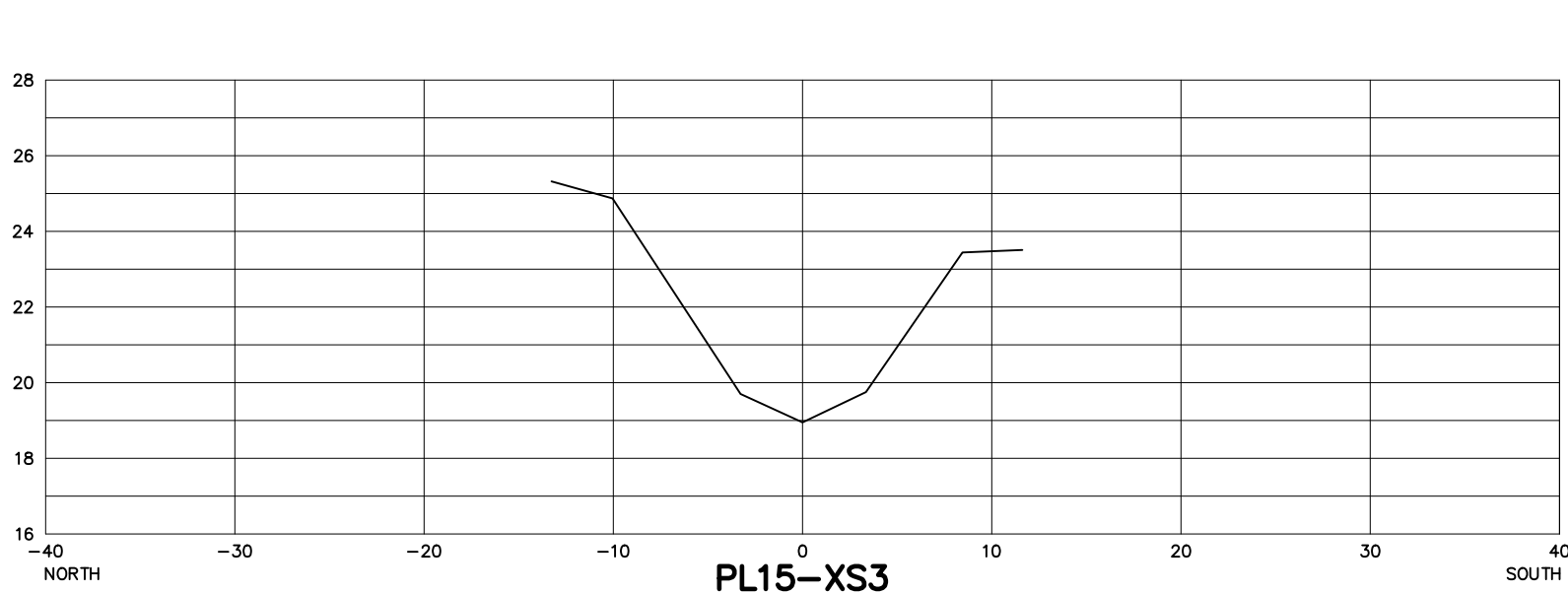
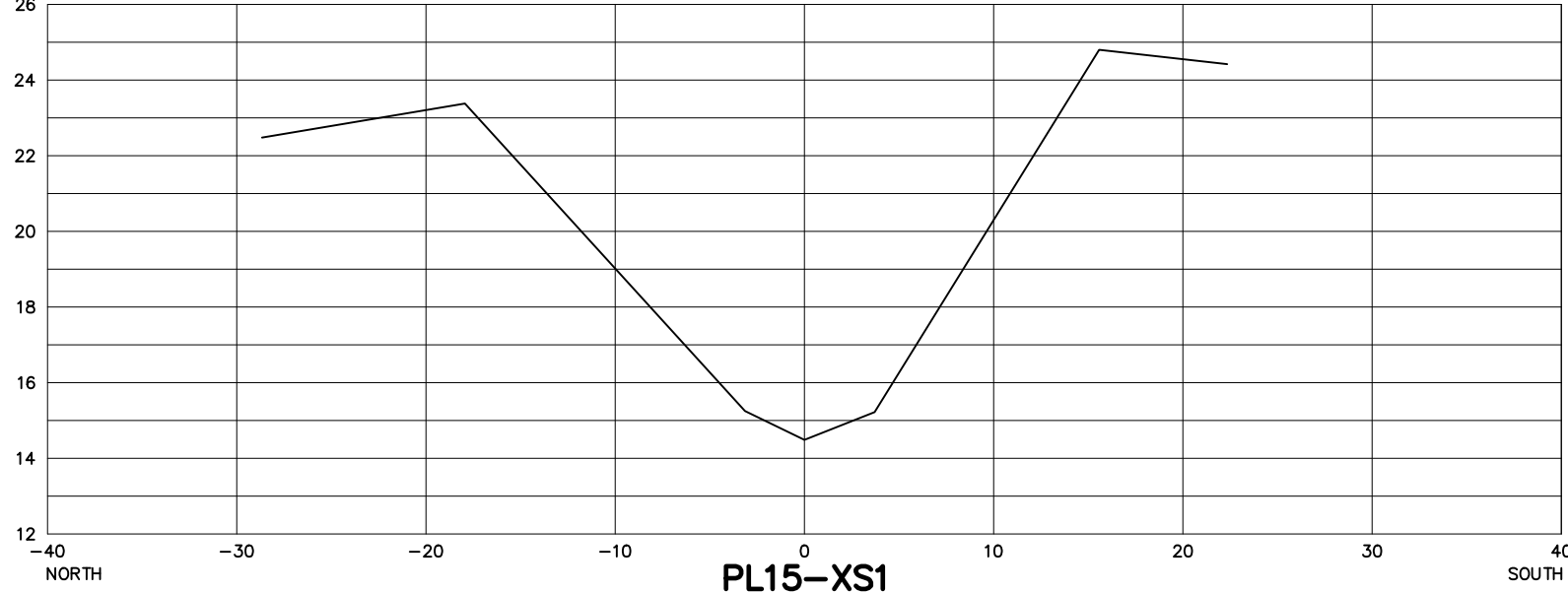
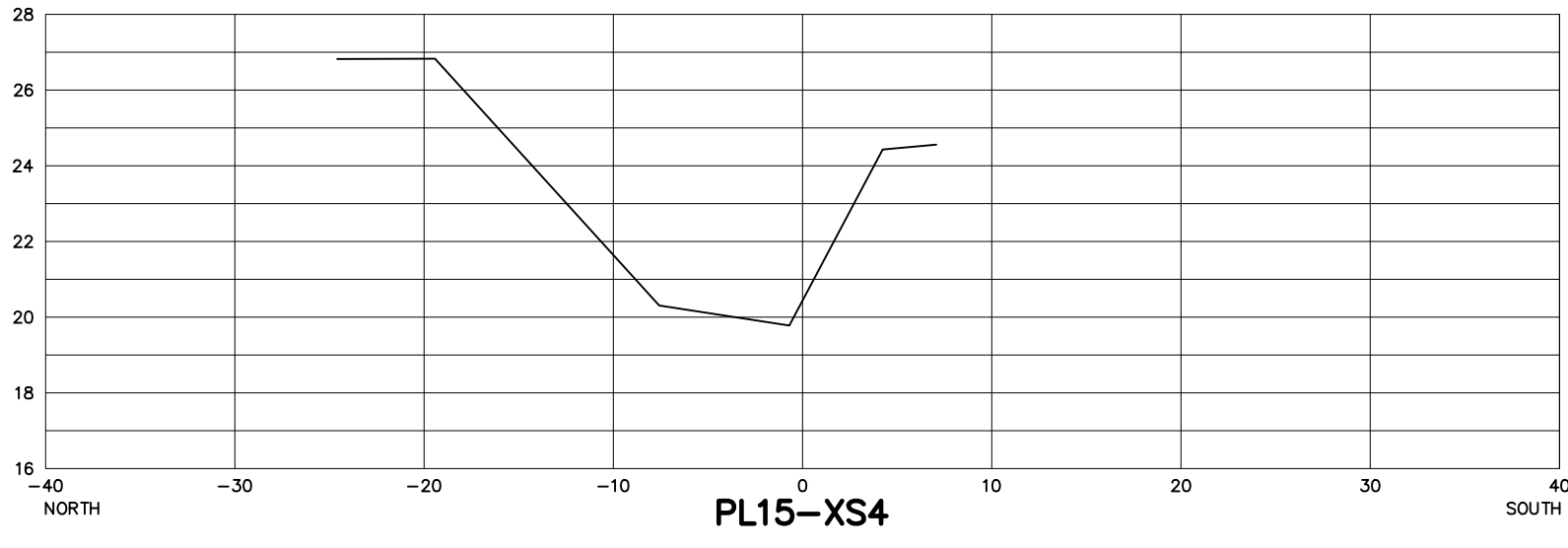
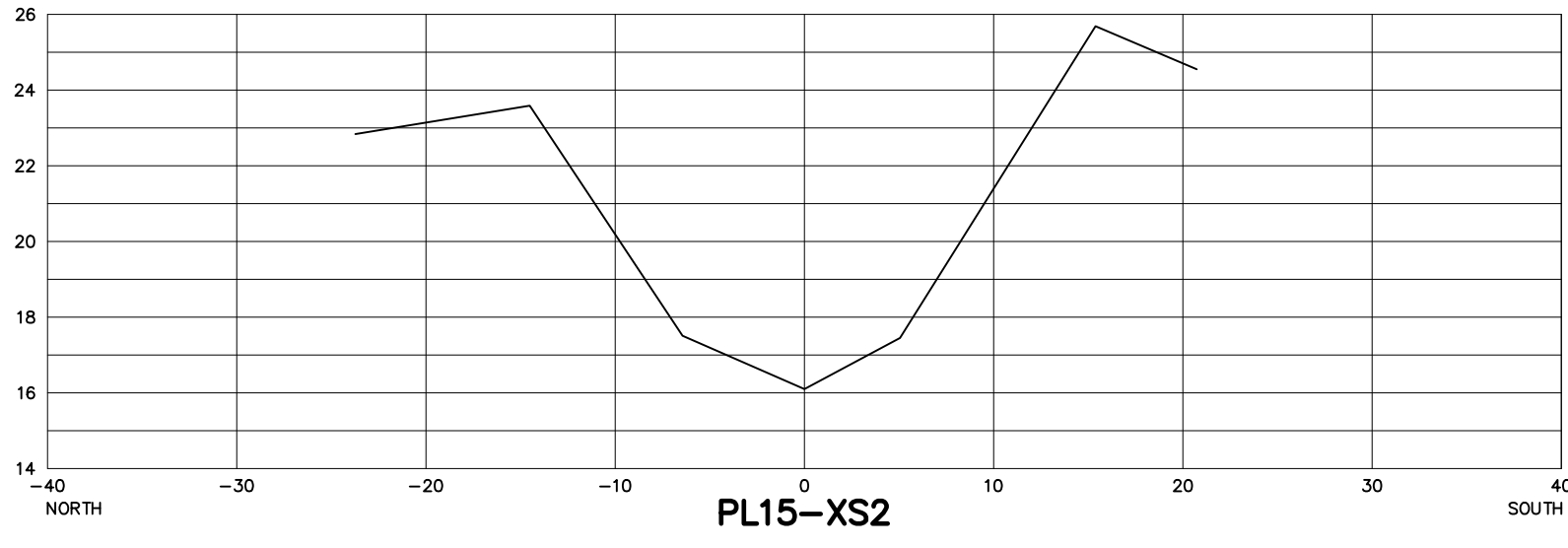
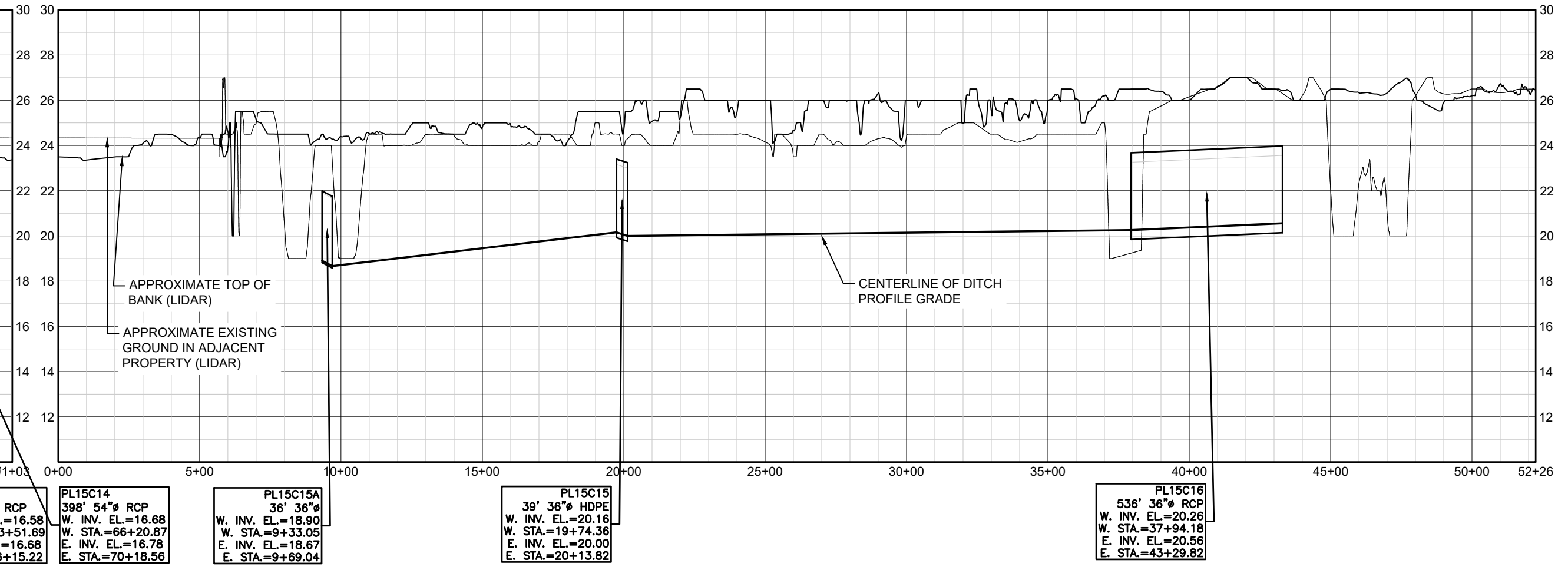
DWG. NO:



SUBLATERAL PL15-A
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



SUBLATERAL PL15-B
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



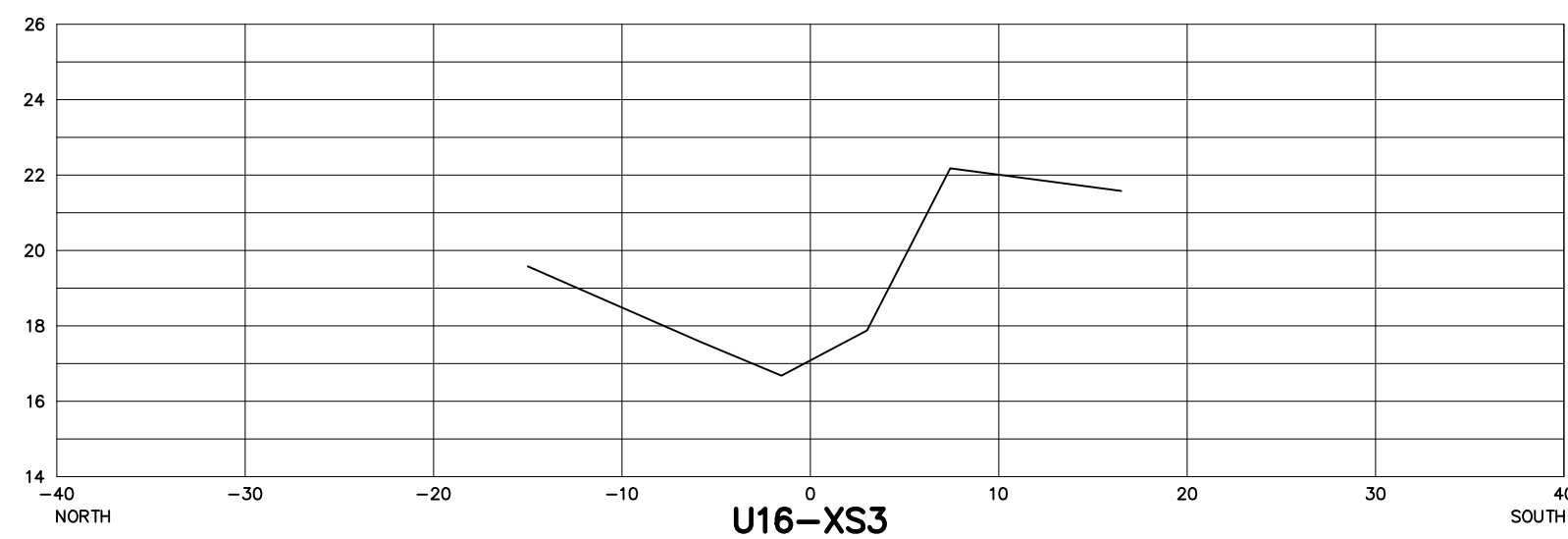
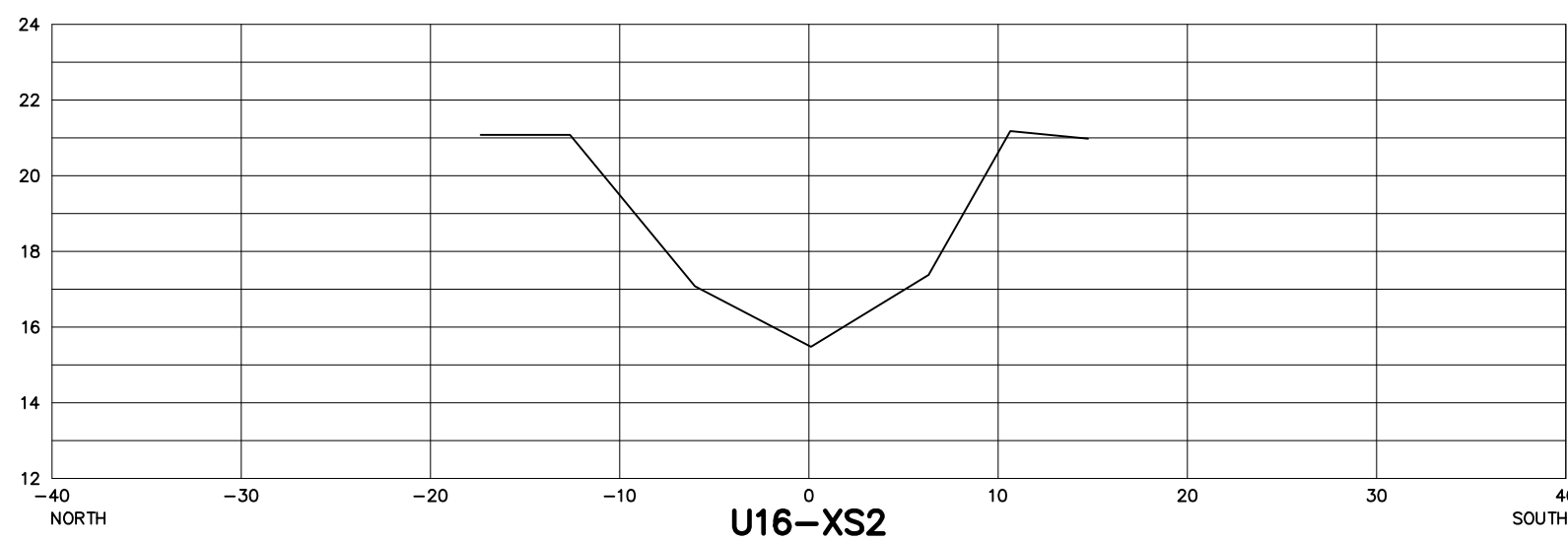
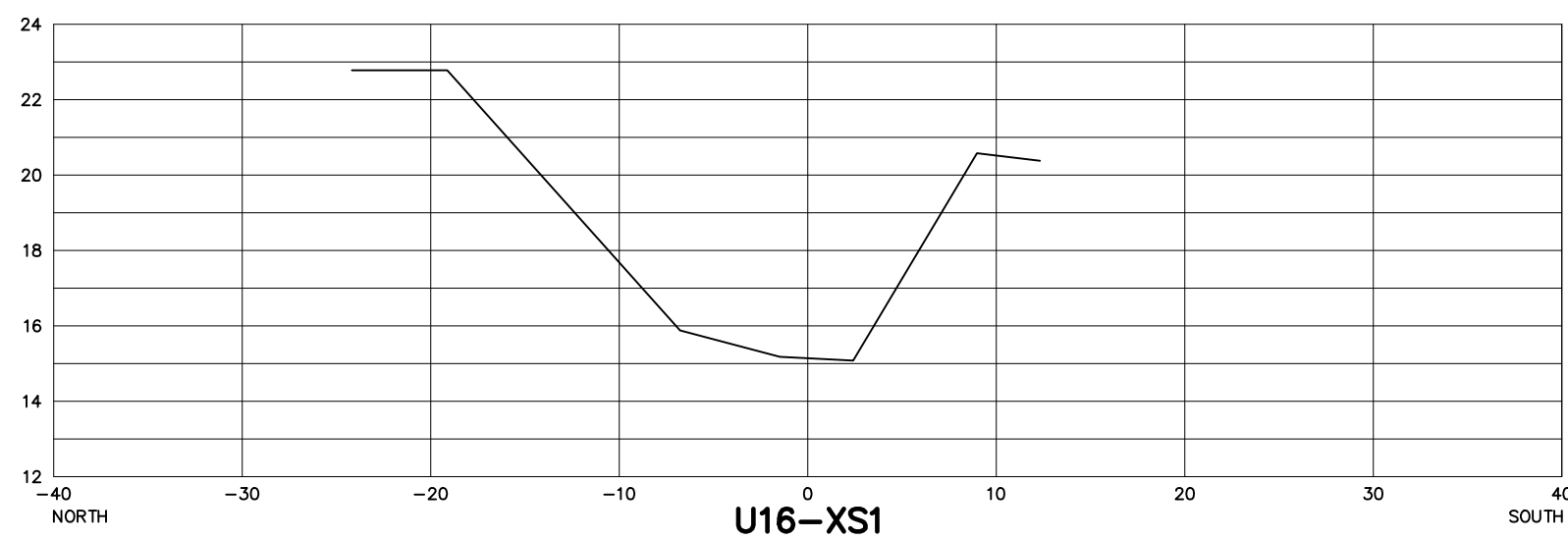
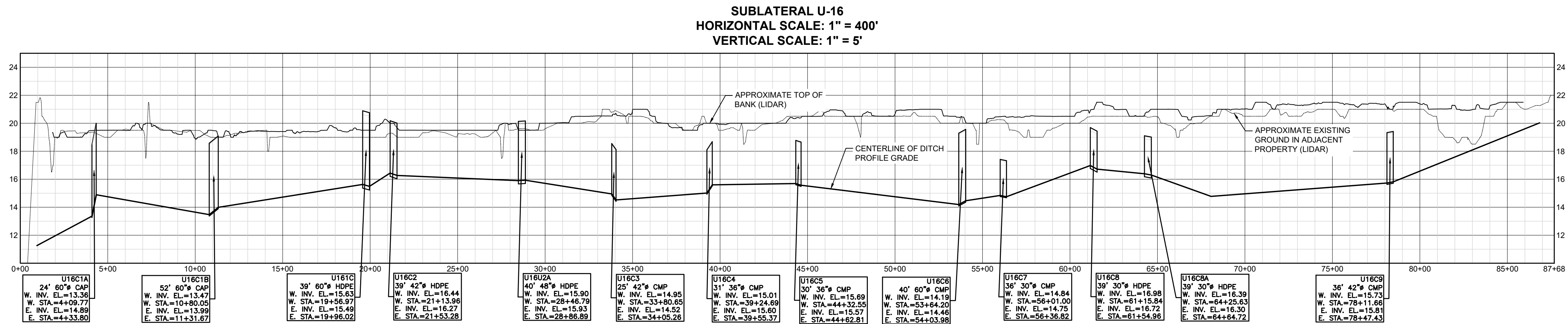
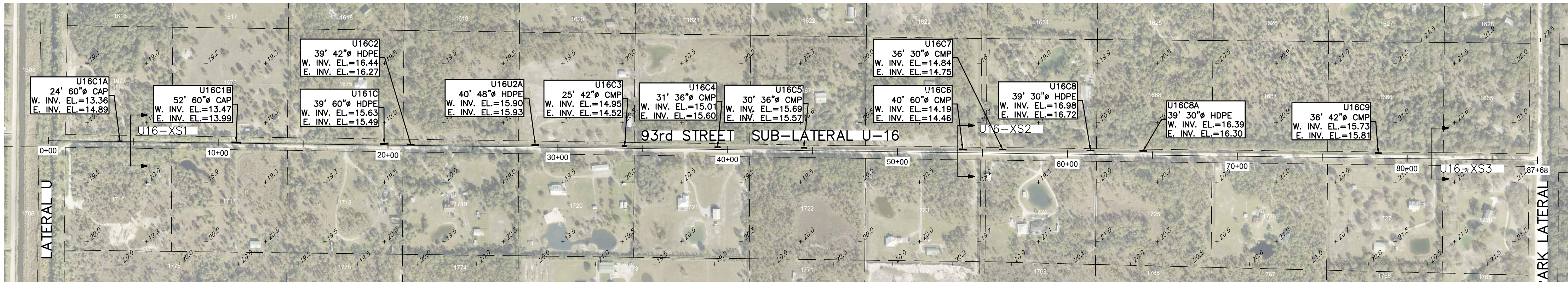
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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Jun 28, 24, 1:25 PM



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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109 WILLOW STREET
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EMAIL: lisa.kuma@sdsinc.org
TEL: 772-571-0640

NO.	REVISION	DATE
1		
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10		

FELLSMERE WATER CONTROL DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
SUBLATERAL U-16 93RD ST

SHEET
C-31
DWG. NO:

FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0640

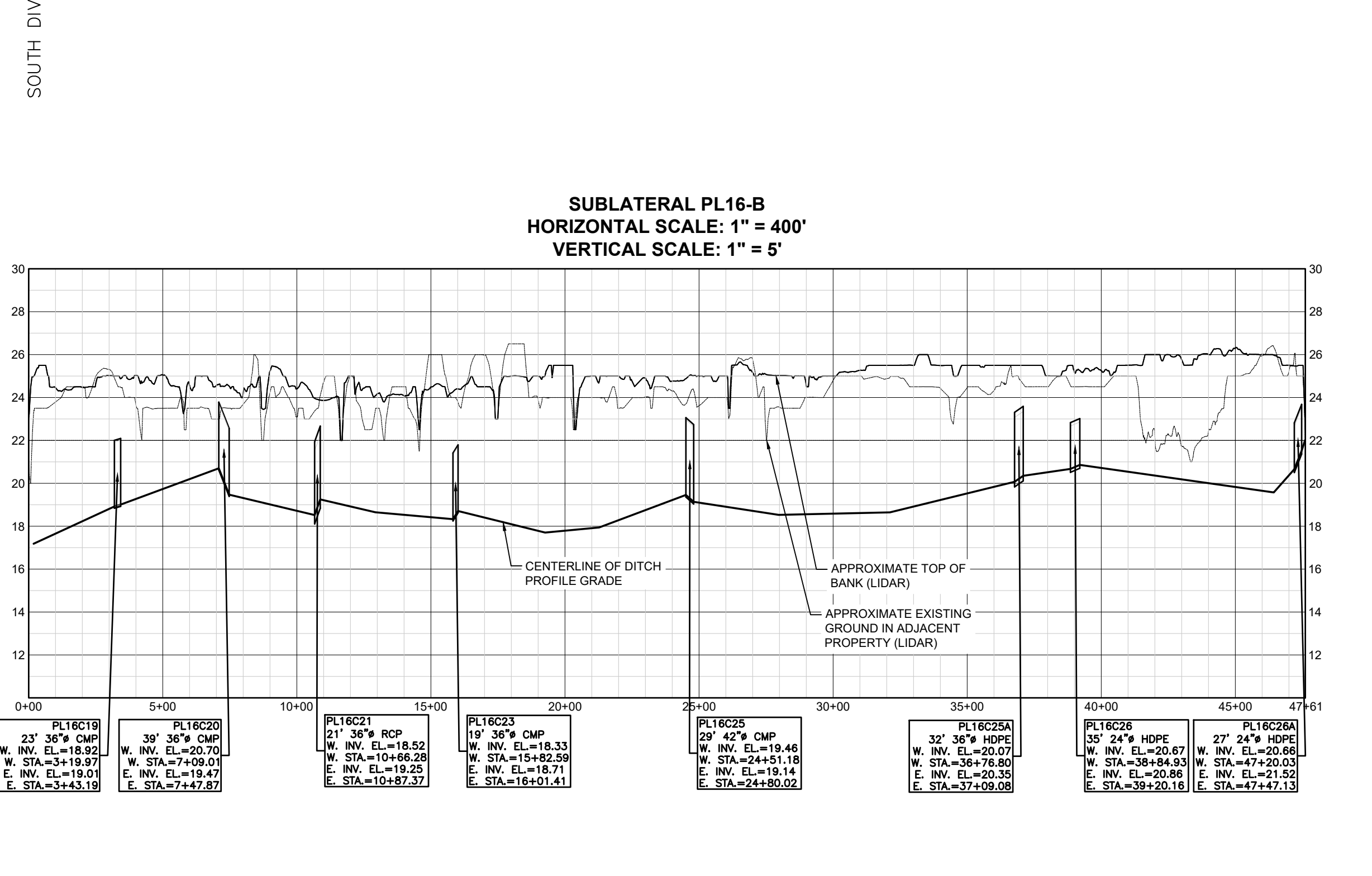
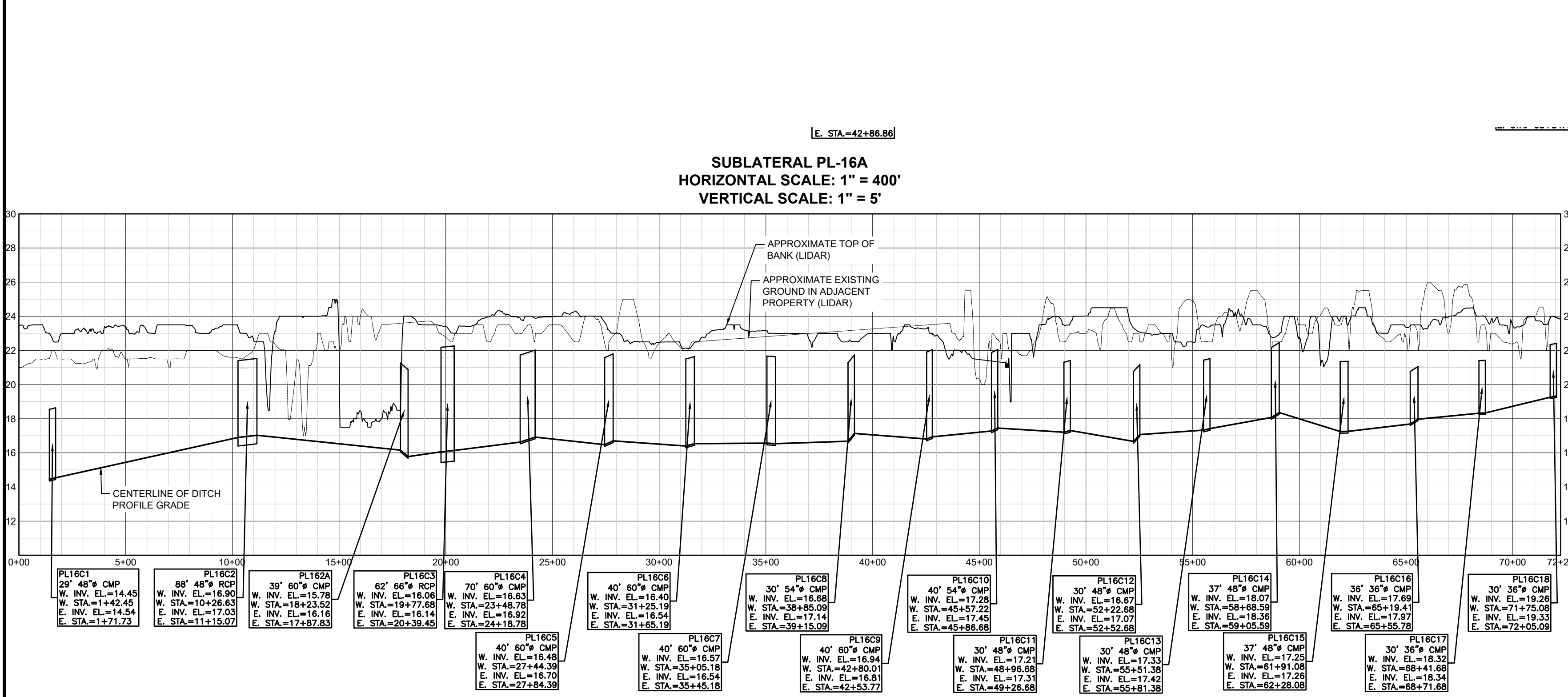
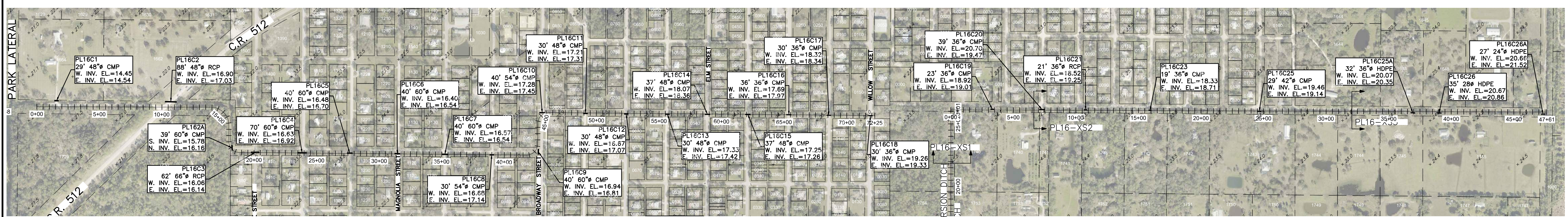
NO.	REVISION	DATE

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

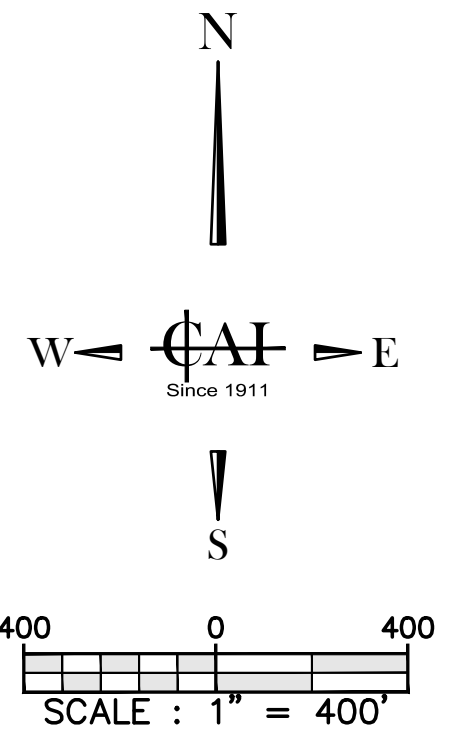
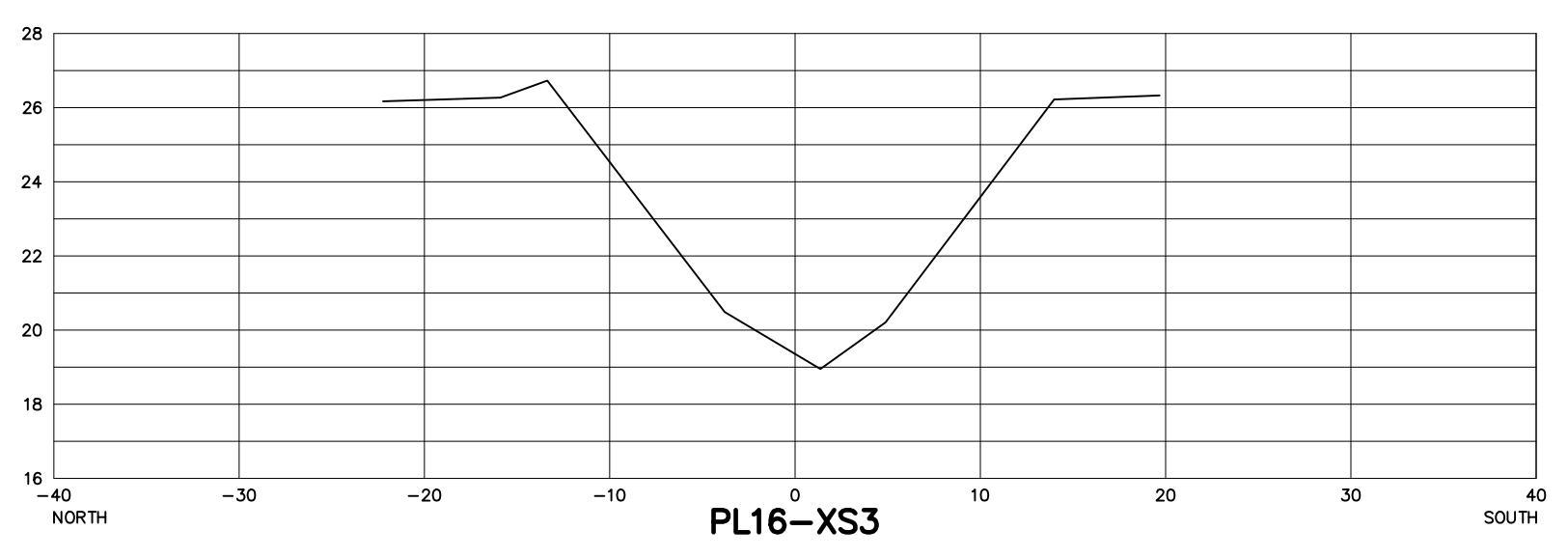
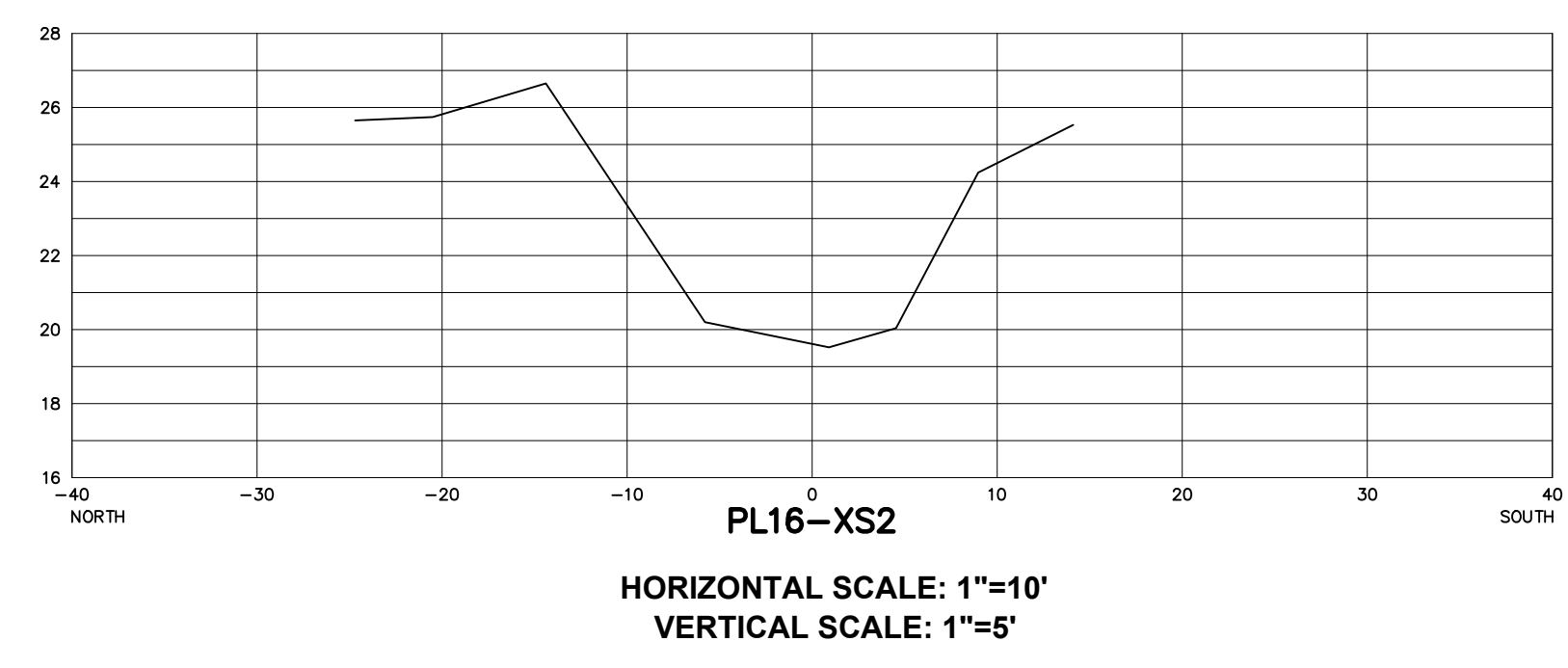
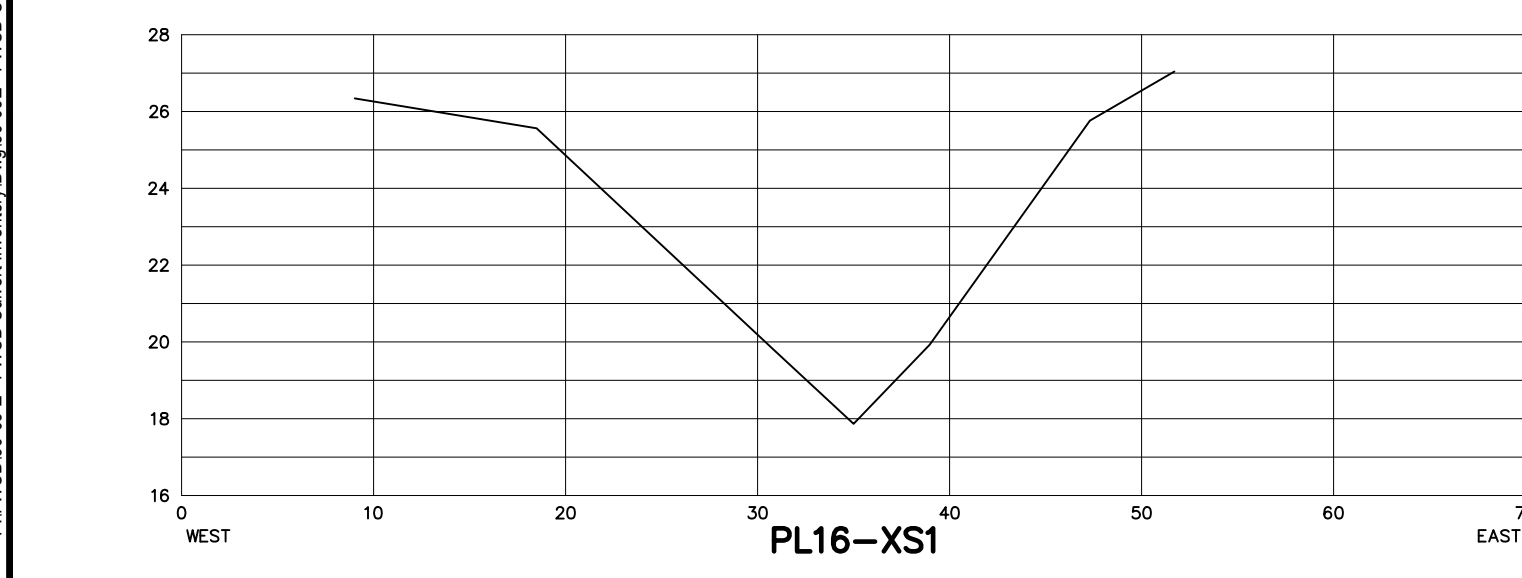
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PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-16 CANAL
BLVD**
SHEET
C-32
DWG. NO:

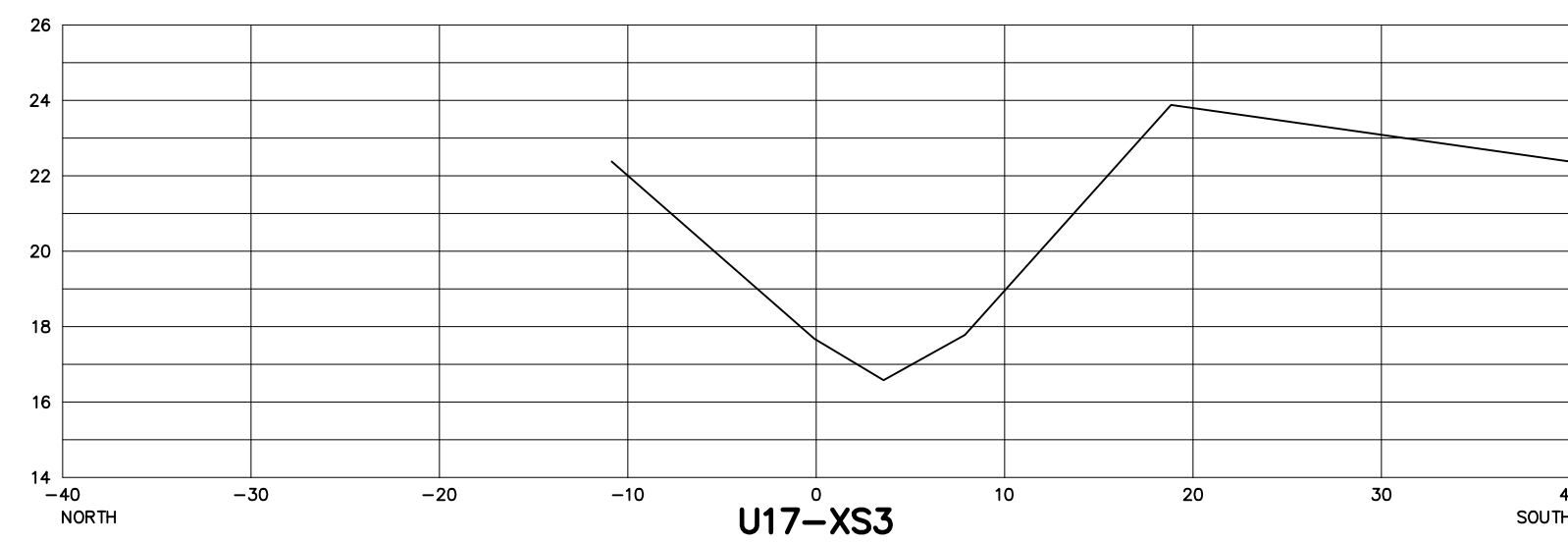
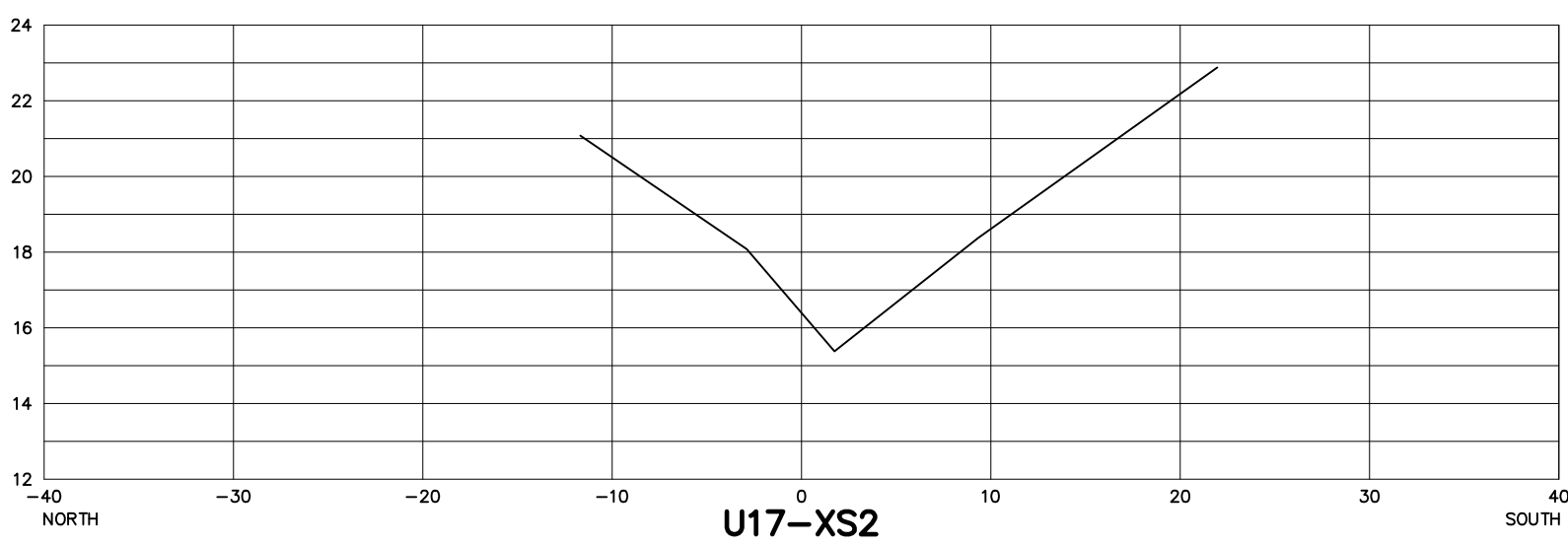
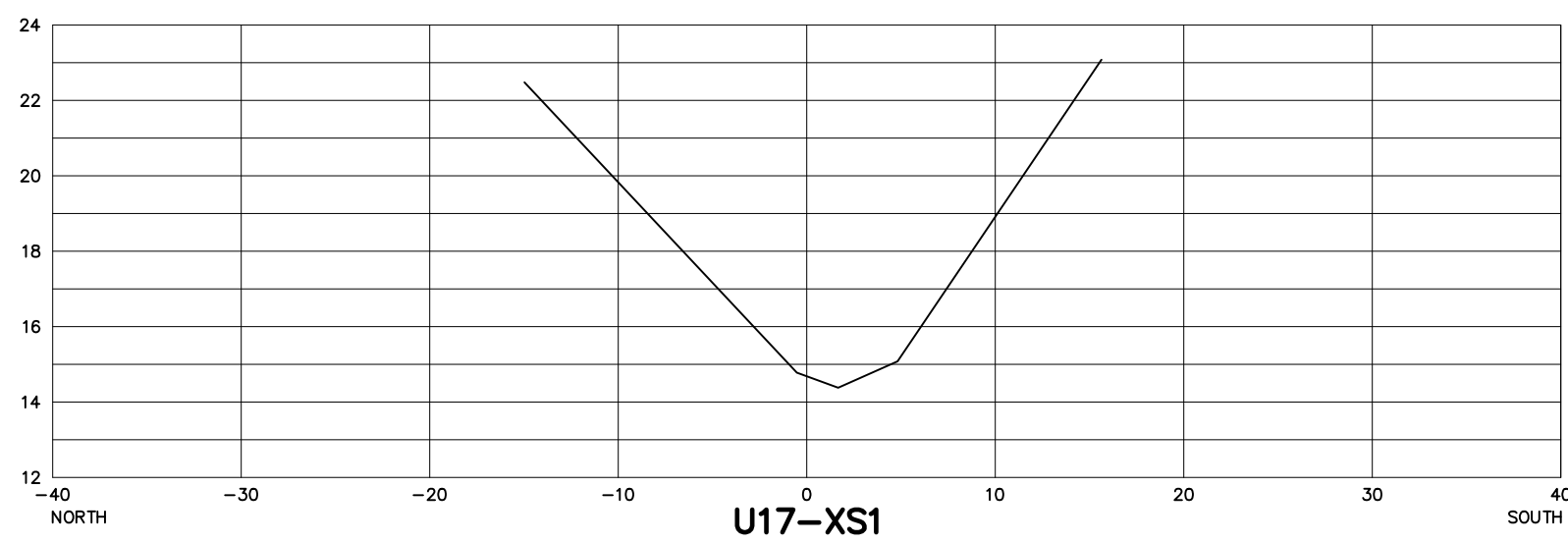
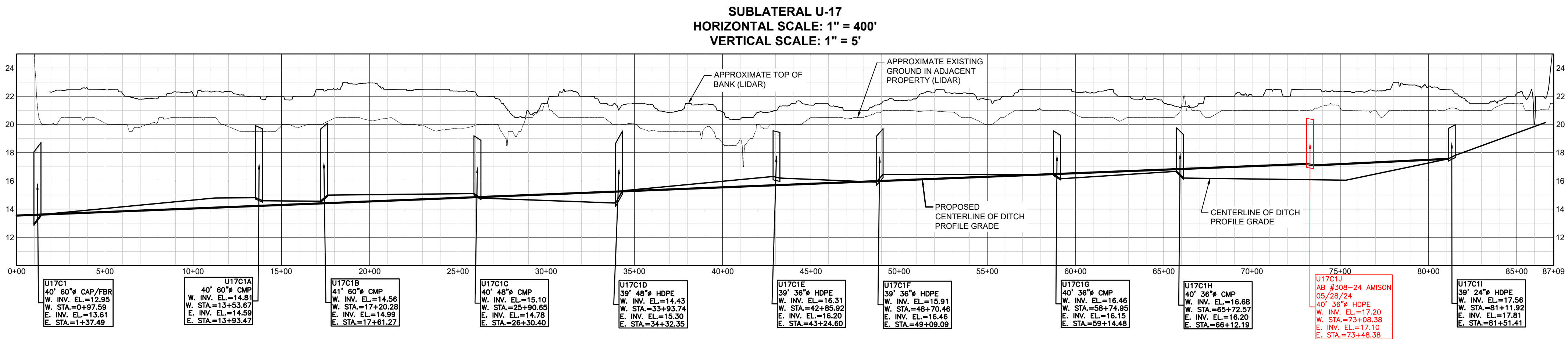
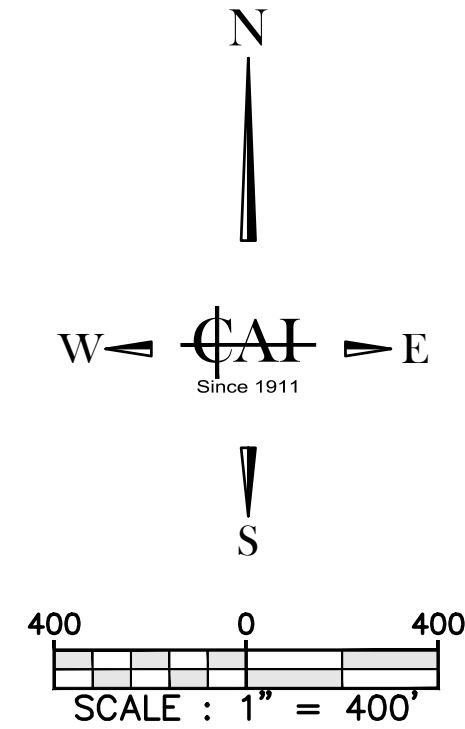
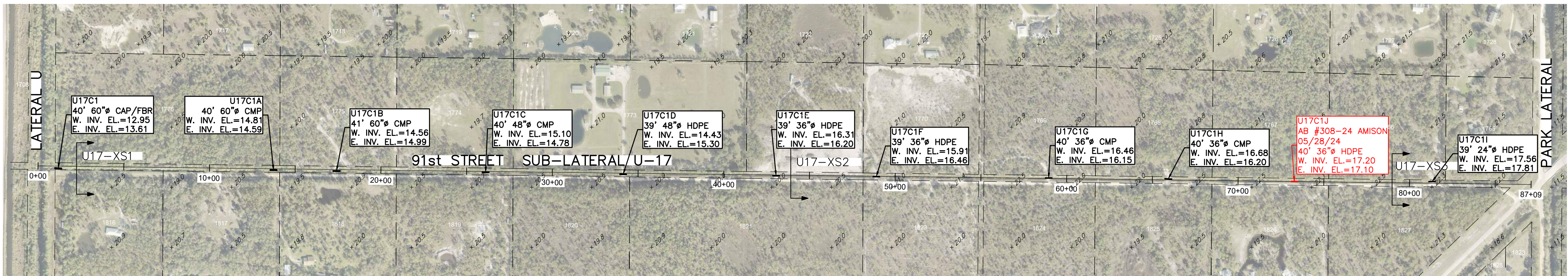


CULVERT INFORMATION NOTE:
THE INFORMATION FOR PIPES PL16C4 - PL16C18 WERE NOT FIELD VERIFIED IN 2023. THE PIPES WERE TAKEN FROM 2003 INVENTORY & CONVERTED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42'.



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
1		
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

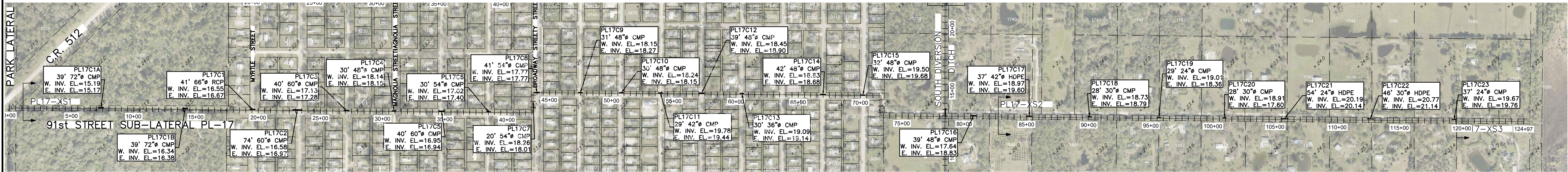
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-17 91ST ST**

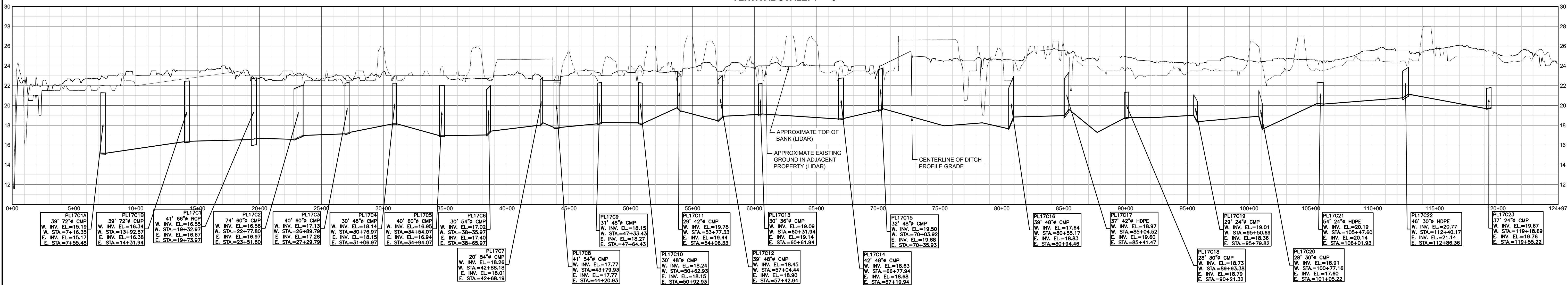
SHEET
C-33

DWG. NO:

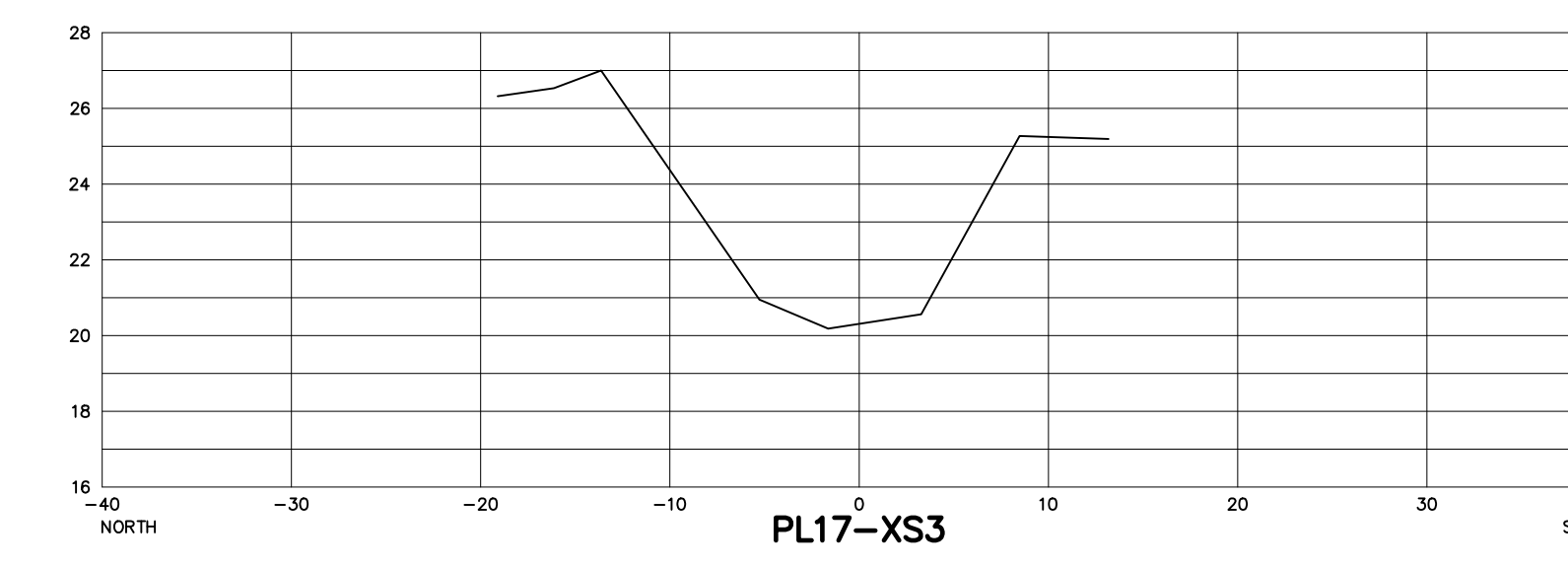
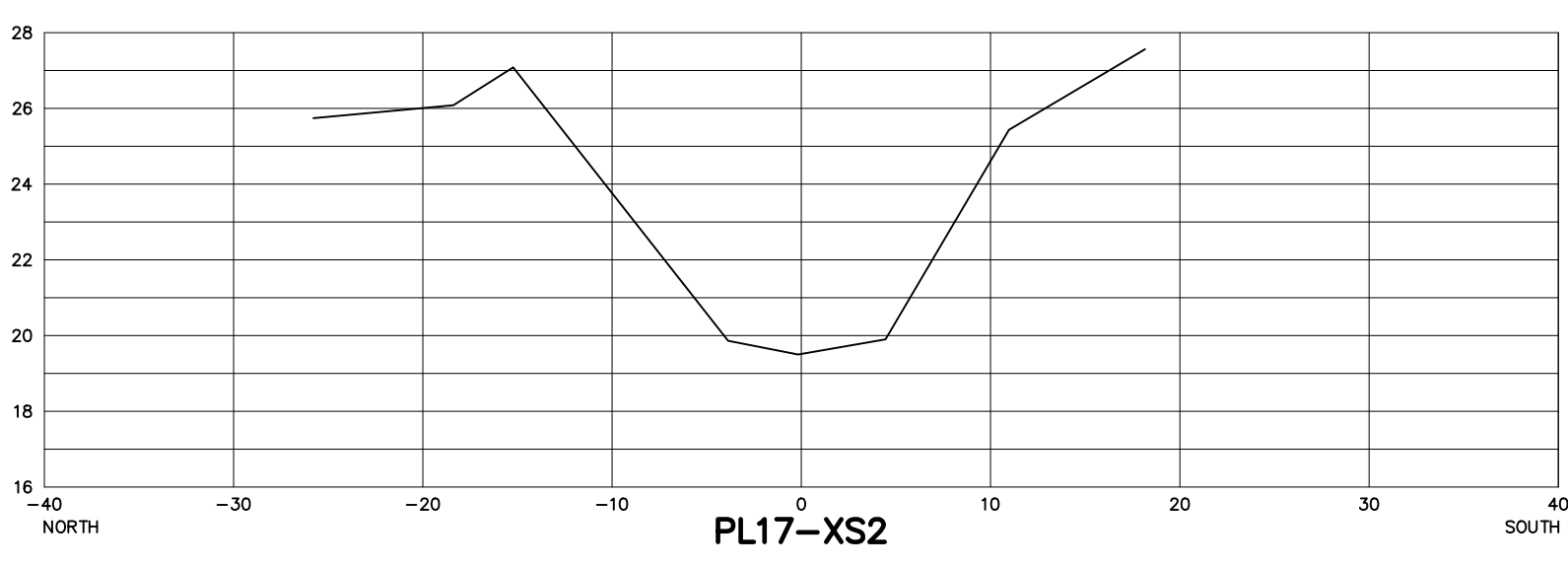
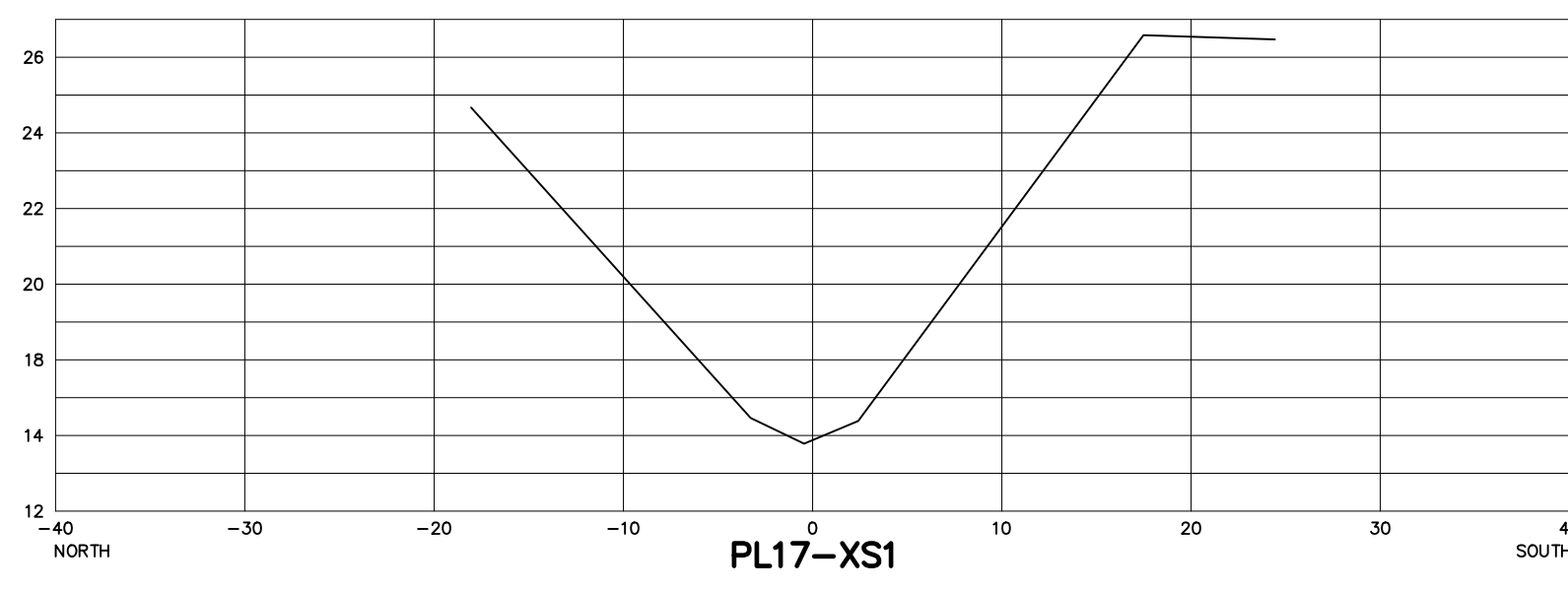
P:\FVCD\050.08 E - FVCD Culvert Inventory\Drawings\050.08 E - FVCD Culvert Inventory.dwg, 34, Garrett Miller
Jun 28, 24, 1:28 PM



SUBLATERAL PL-17
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'

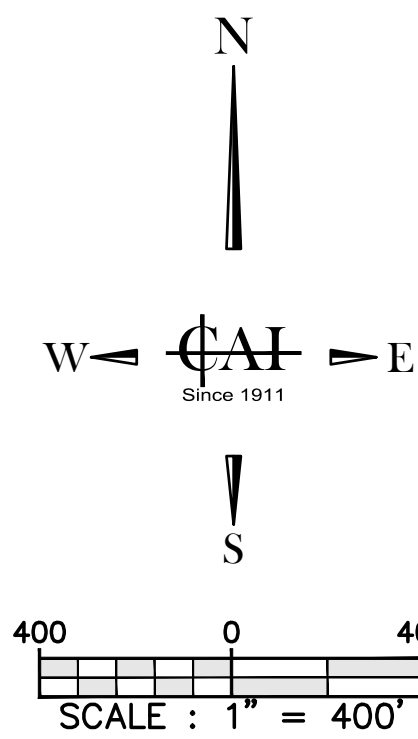


CULVERT INFORMATION NOTE:
THE INFORMATION FOR PIPES PL17C2 - PL17C14 WERE NOT FIELD VERIFIED IN 2023. THE PIPES WERE TAKEN FROM 2003 INVENTORY & CONVERTED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42'.



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)



CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911

CONSULTING ENGINEERS
AND LAND SURVEYORS

1708 21ST STREET
VERO BEACH, FL 32960

TEL: (772) 562-1191
EMAIL: DLach@Carterassoc.com

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FELLSMERE WATER
CONTROL DISTRICT

109 WILLOW STREET
FELLSMERE, FL 32948

EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0640

NO.	REVISION	DATE

FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY

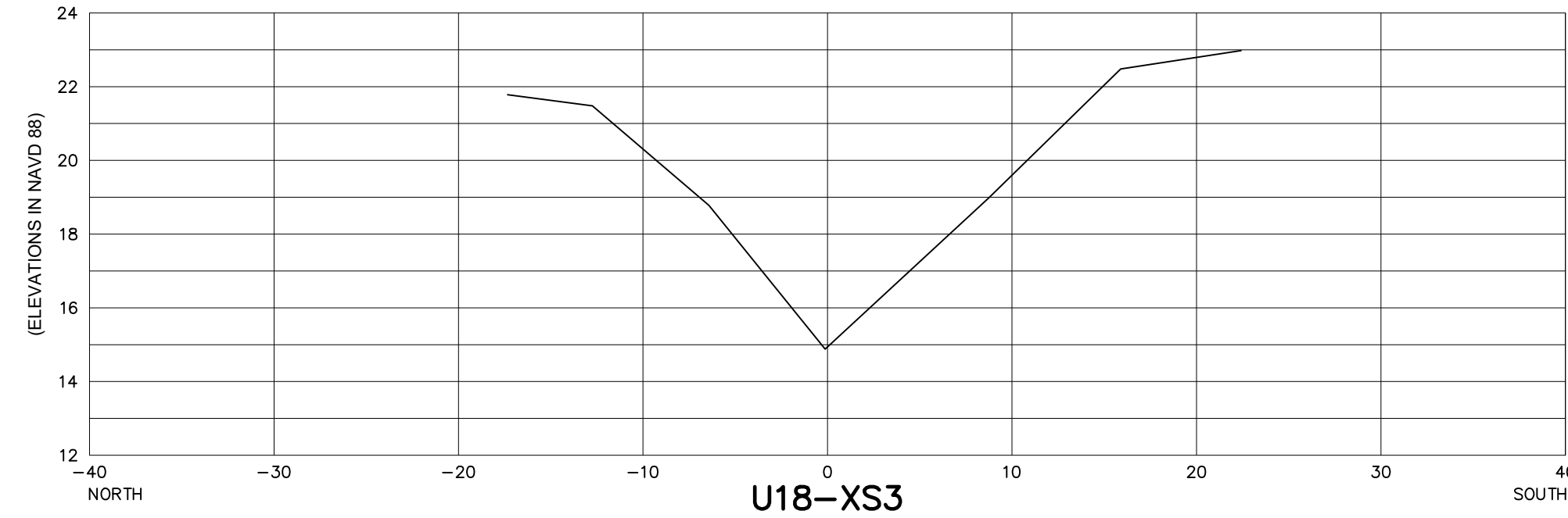
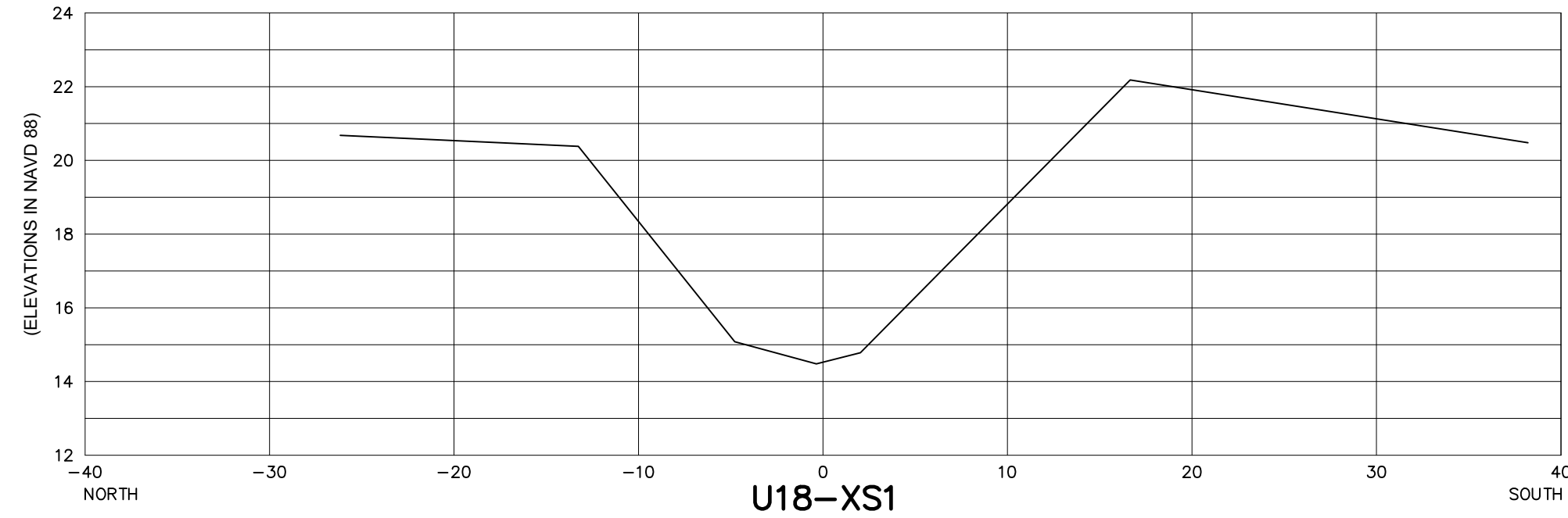
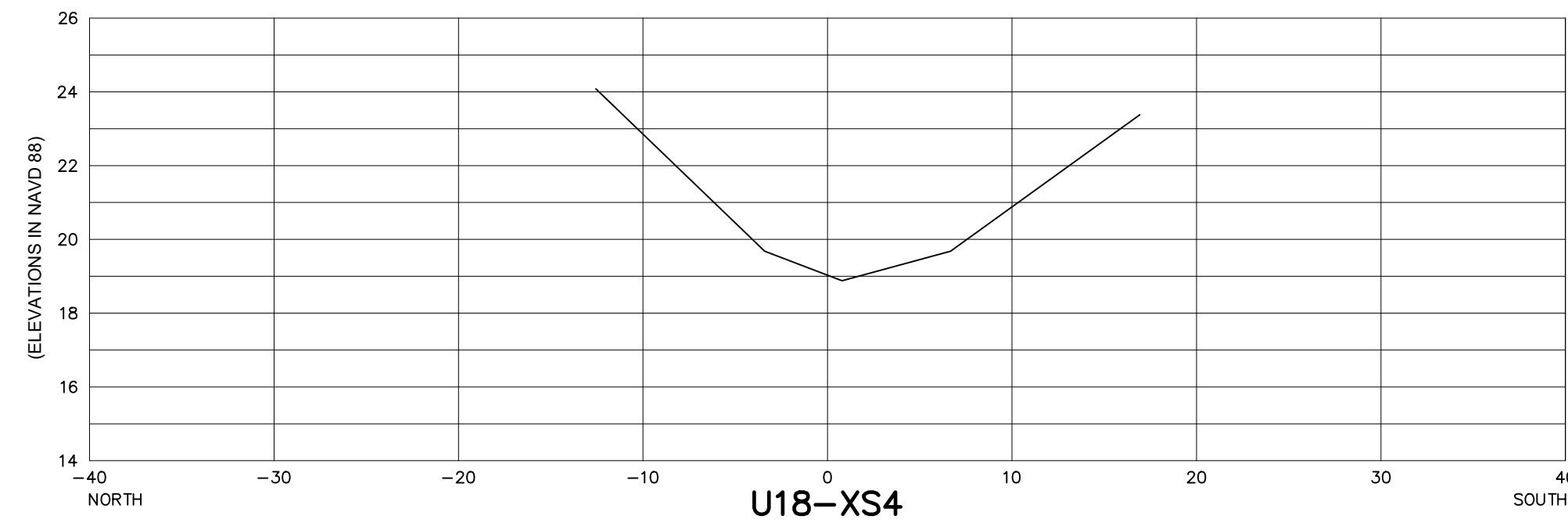
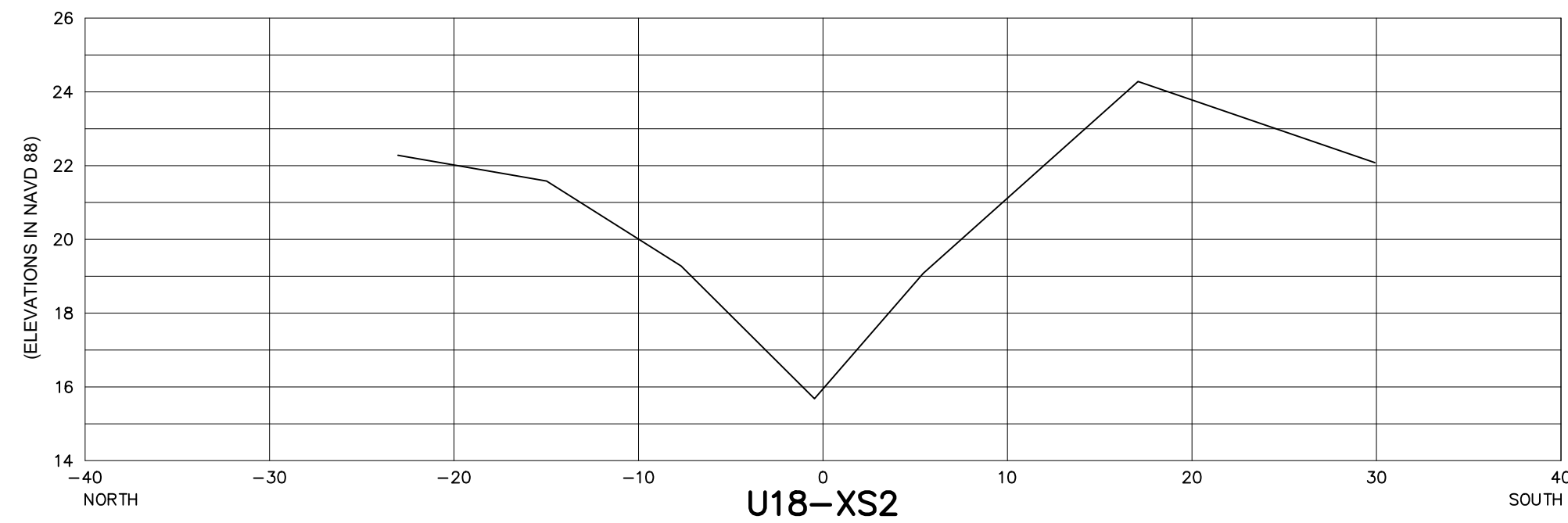
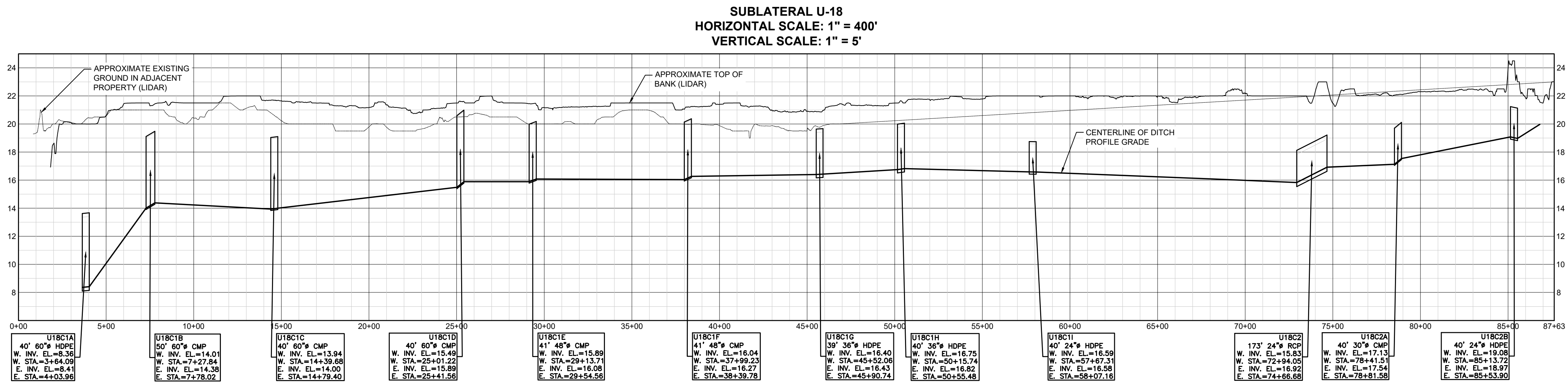
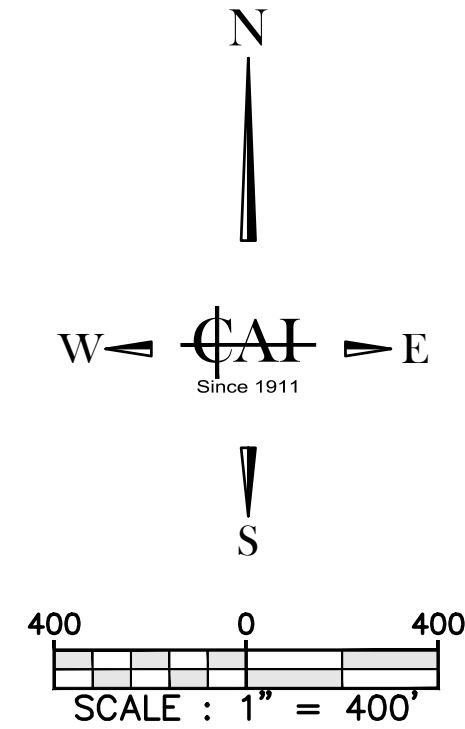
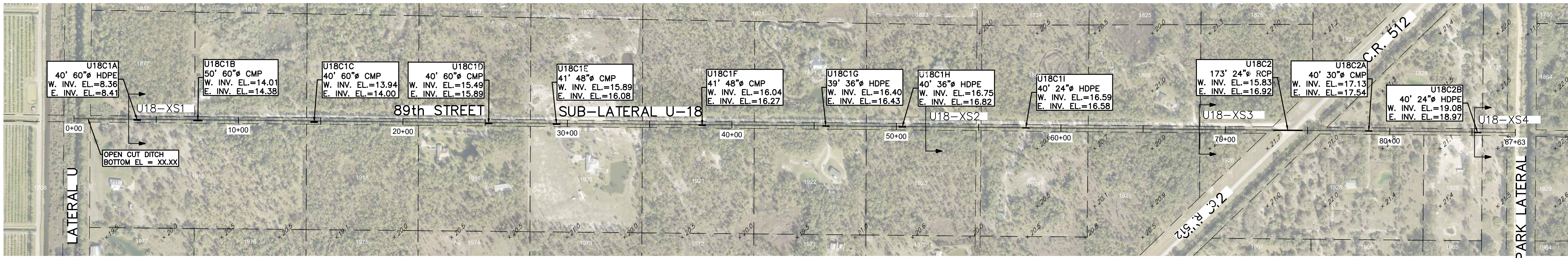
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

DATE : Jun 2024
PROJ.# : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF.# : 01-83E
F.B. & PG.: FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-17 91ST ST**

SHEET
C-34
DWG. NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NAVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
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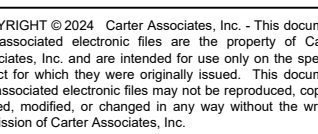
THIS SURVEY CONSISTS OF
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PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-18 89TH ST**

SHEET
C-35

DWG. NO:



TEL: 772-371-0640

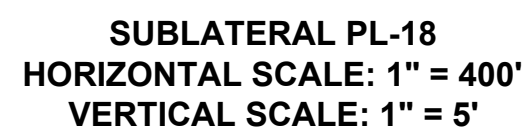
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THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

DATE : Jun 2024
 PROJ. # : 90-09E
 DRAWN BY: GTM
 TUM : SEE SURVEY
 F. # : 01-83E
 B. & PG. : FWCD MM/1+

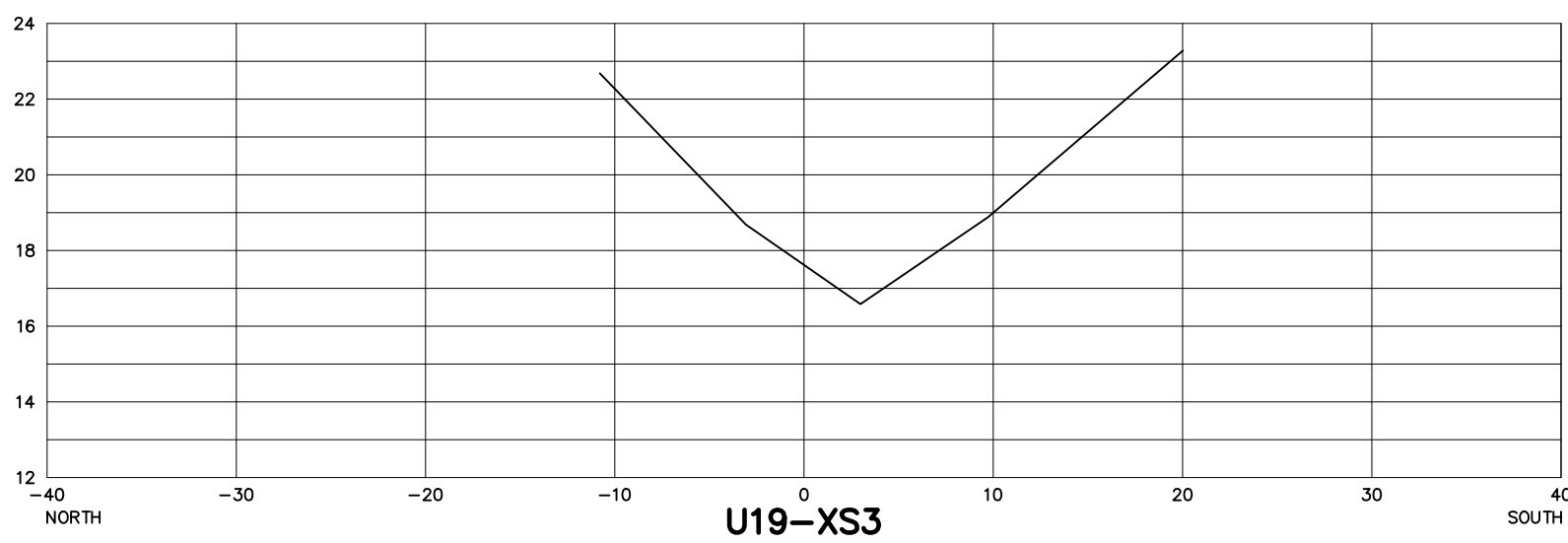
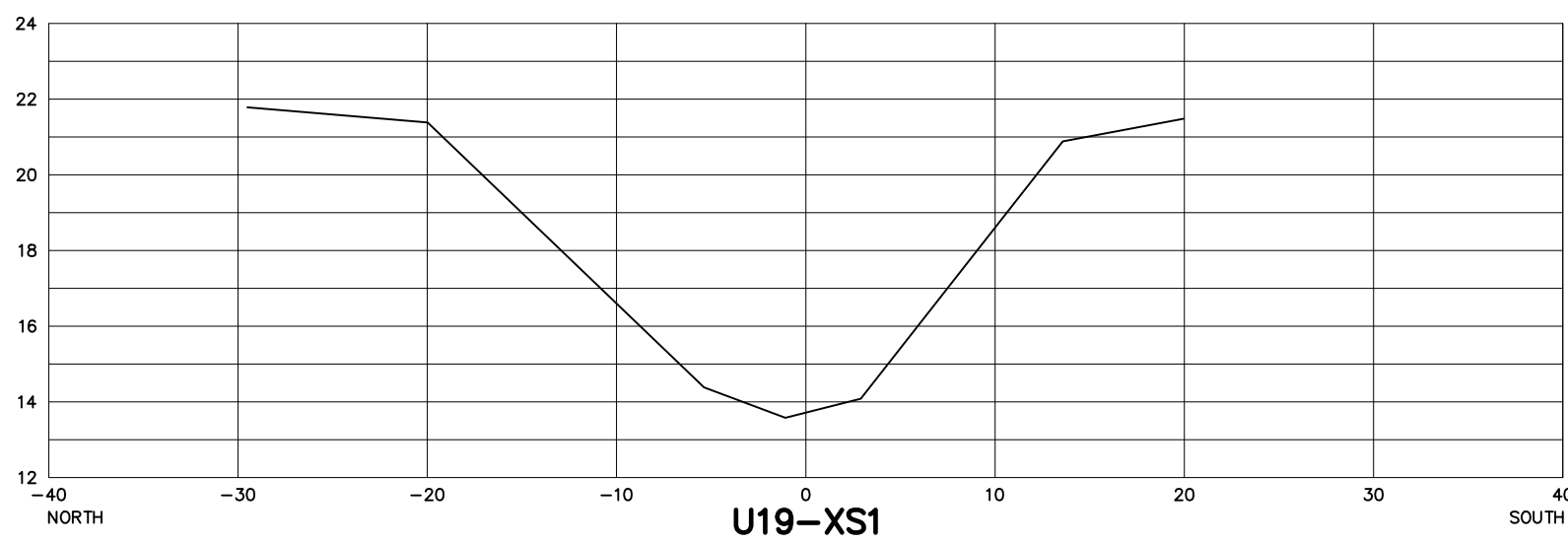
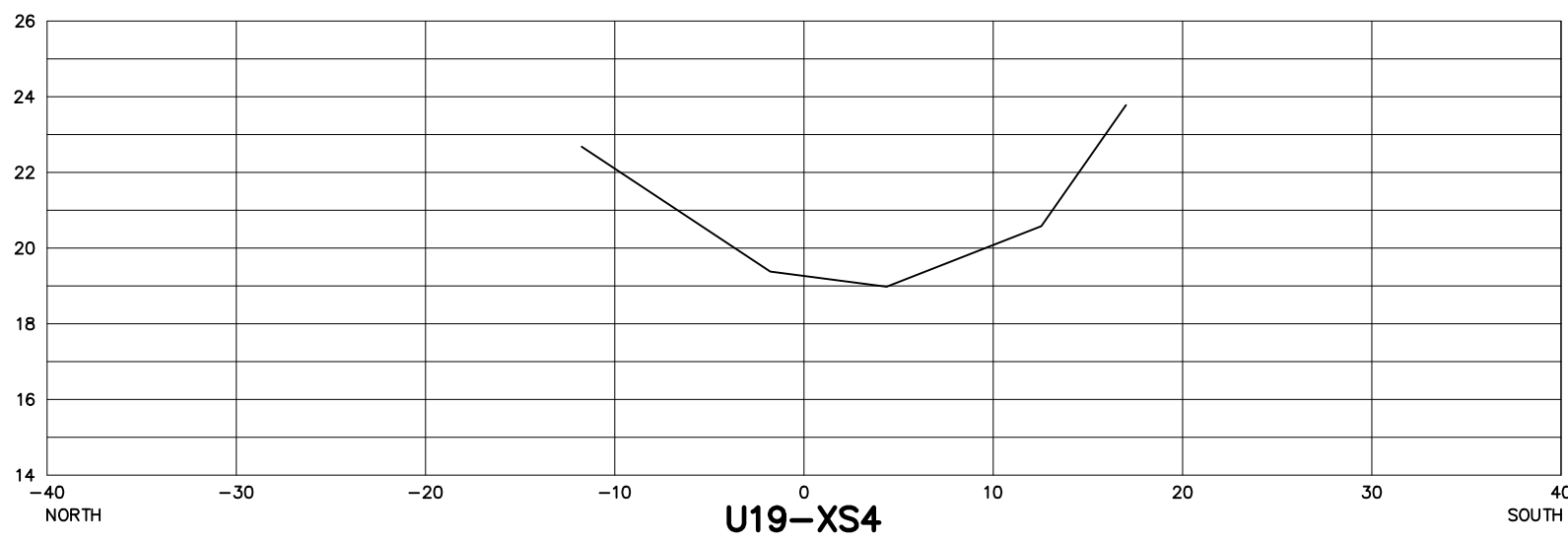
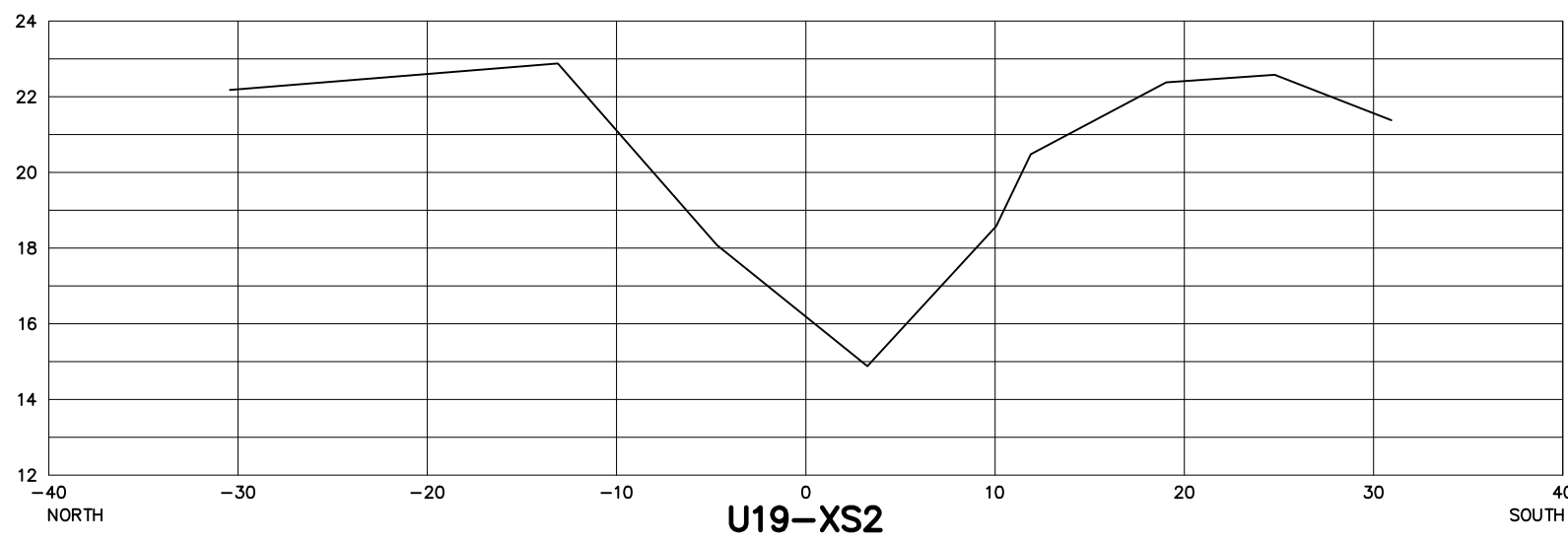
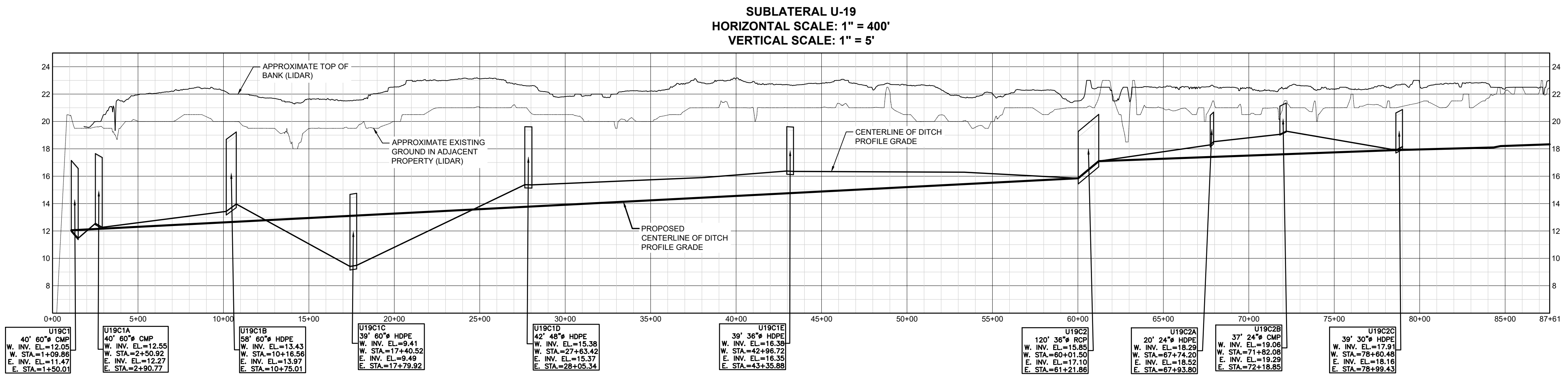
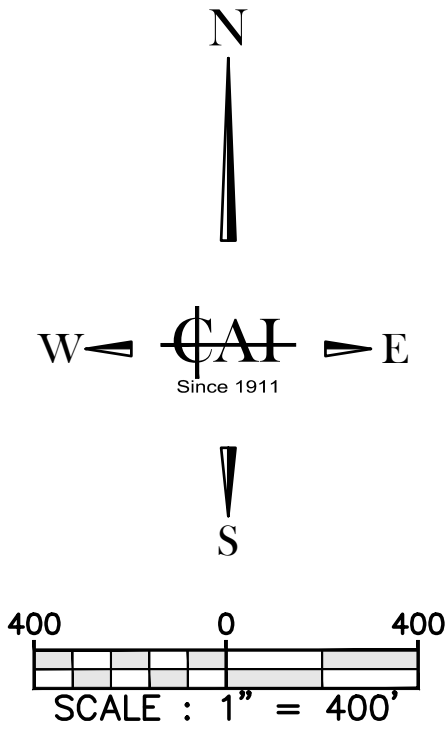
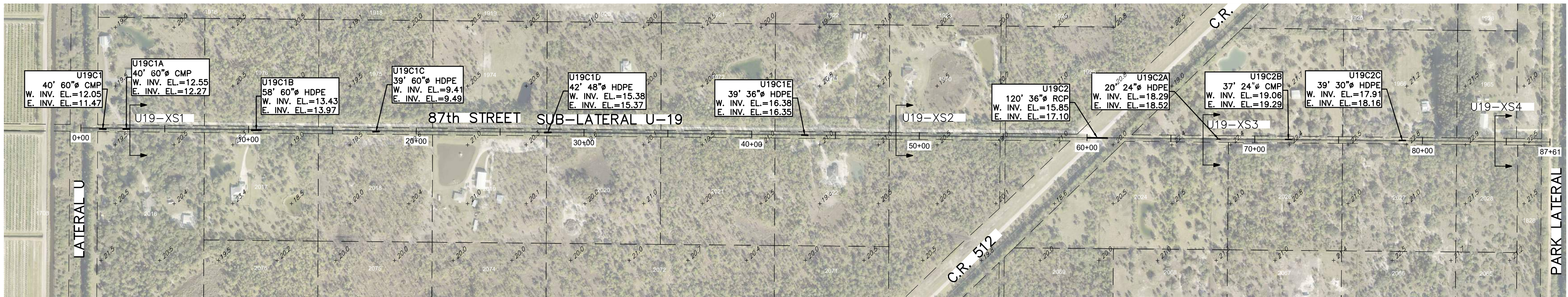
C-36

WG. NO:



VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'
SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
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DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

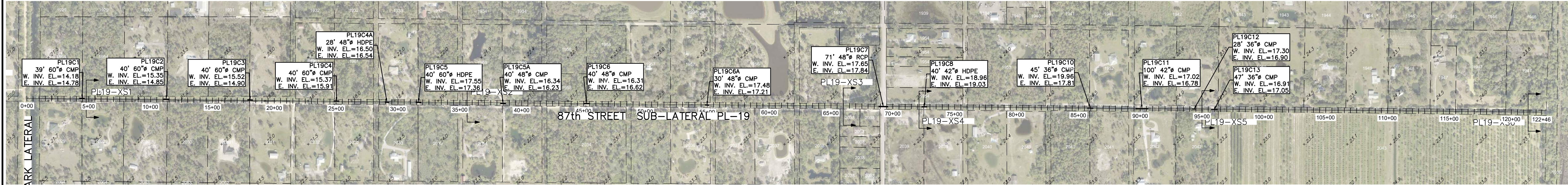
THIS SURVEY CONSISTS OF
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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

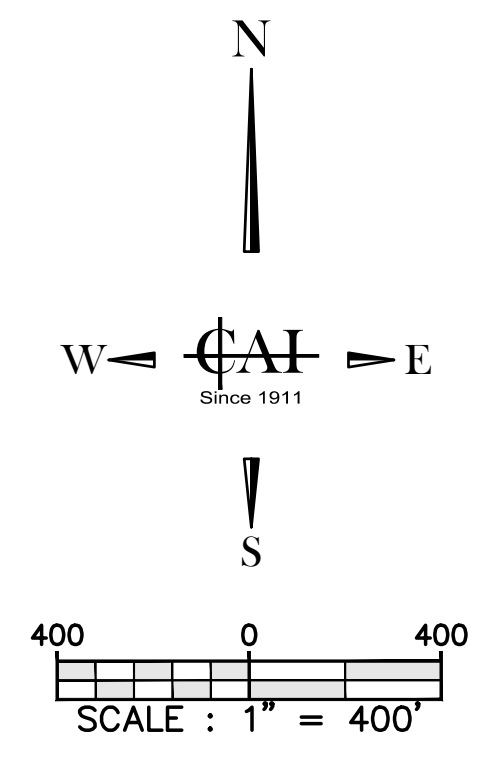
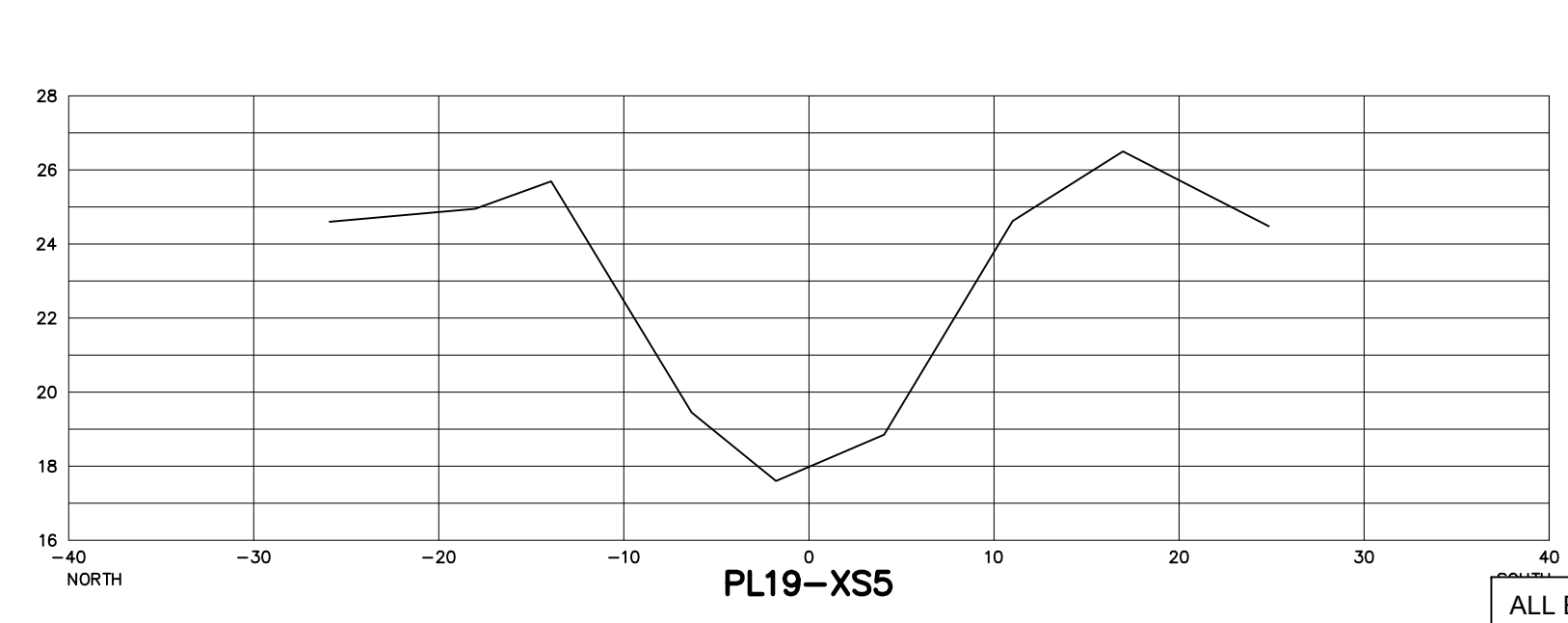
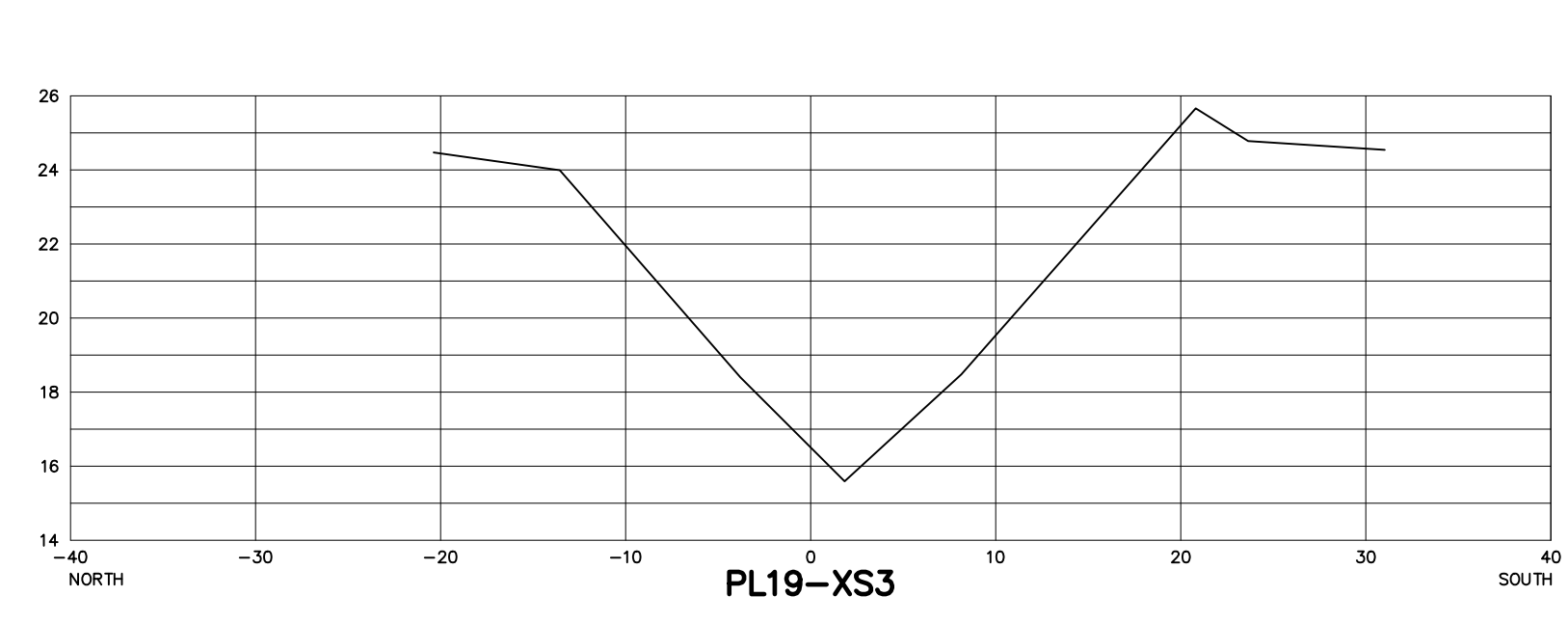
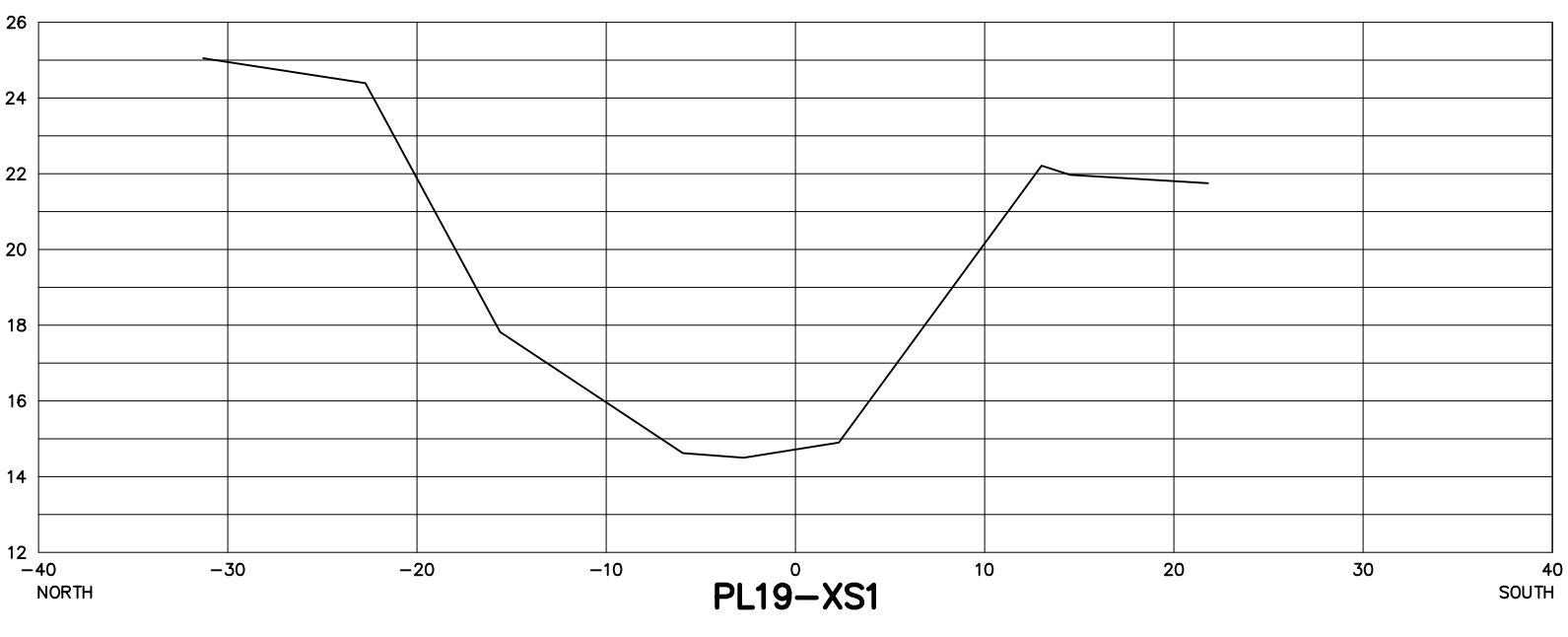
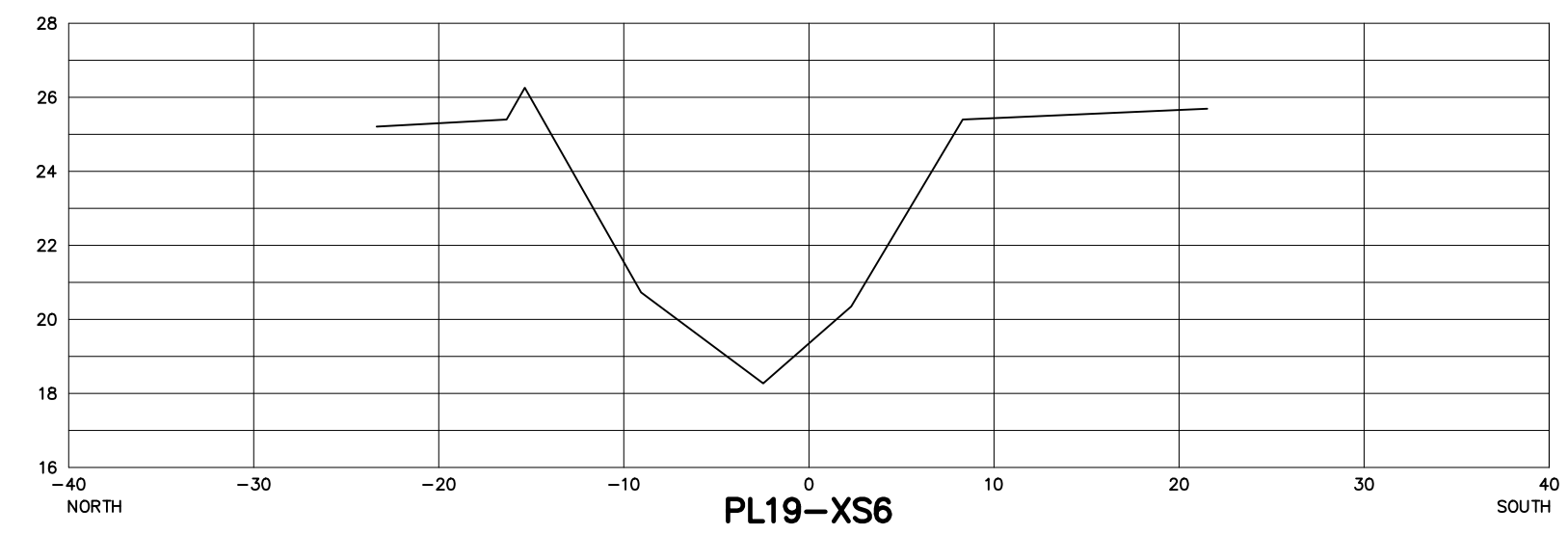
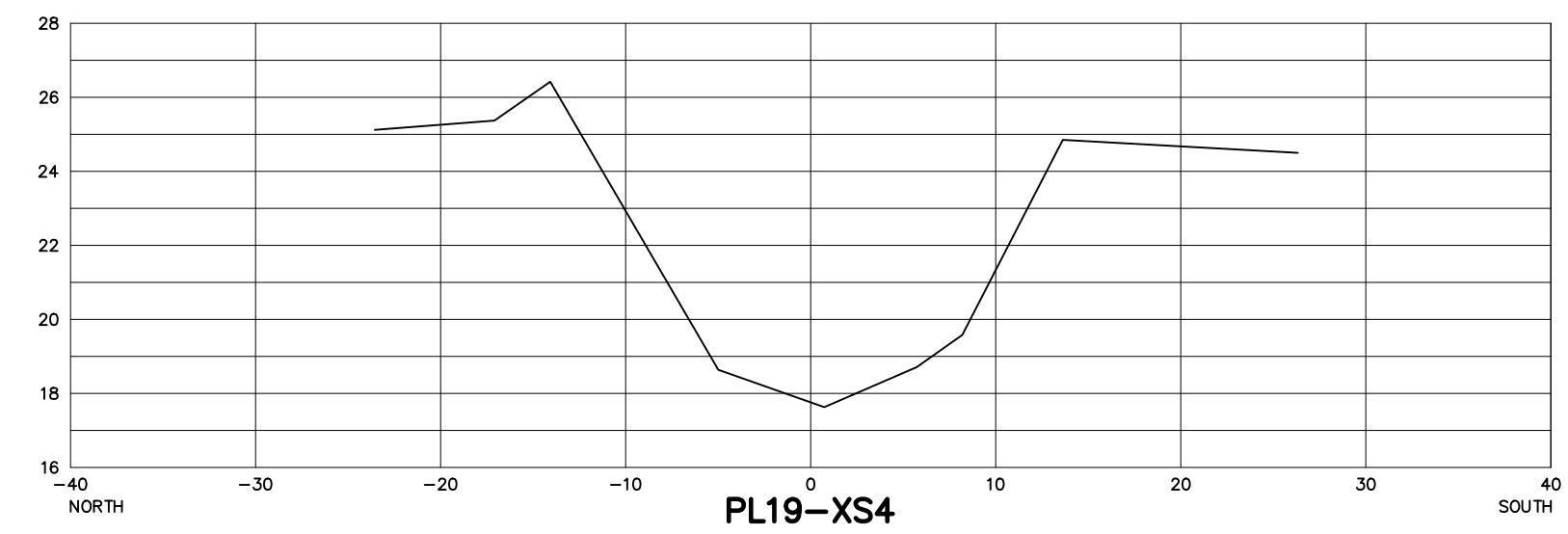
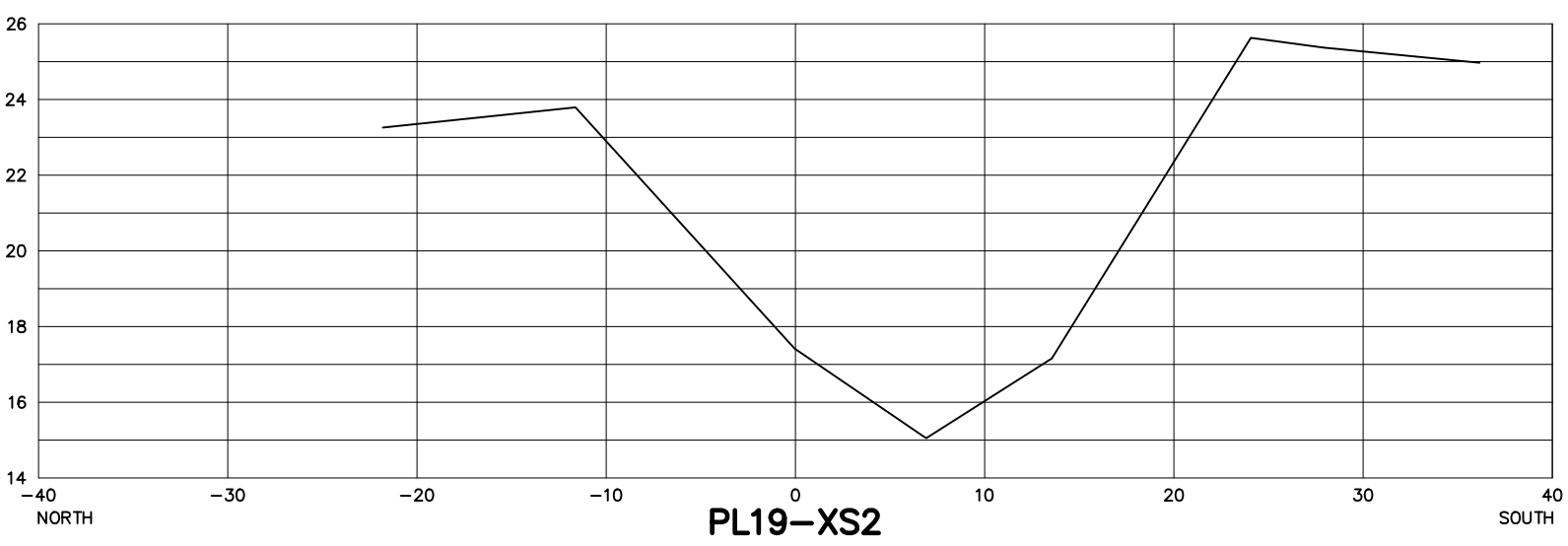
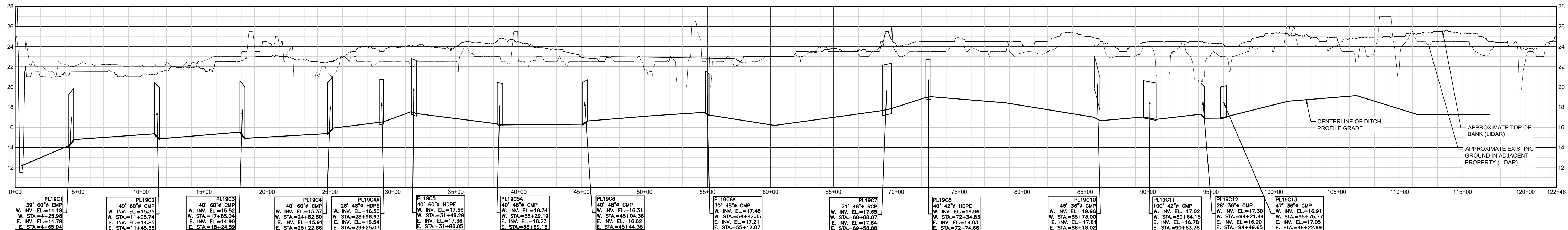
SHEET TITLE:
**SUBLATERAL
U-19 87TH ST**

SHEET
C-37
DWG. NO:

Jun 28, 24, 1:27 PM P:\FVCD\0608 E - FVCD Culvert Inventory\Drawings\06E - FVCD Culvert Inventory\Draw 38, Garrett Miller



SUBLATERAL PL-19
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

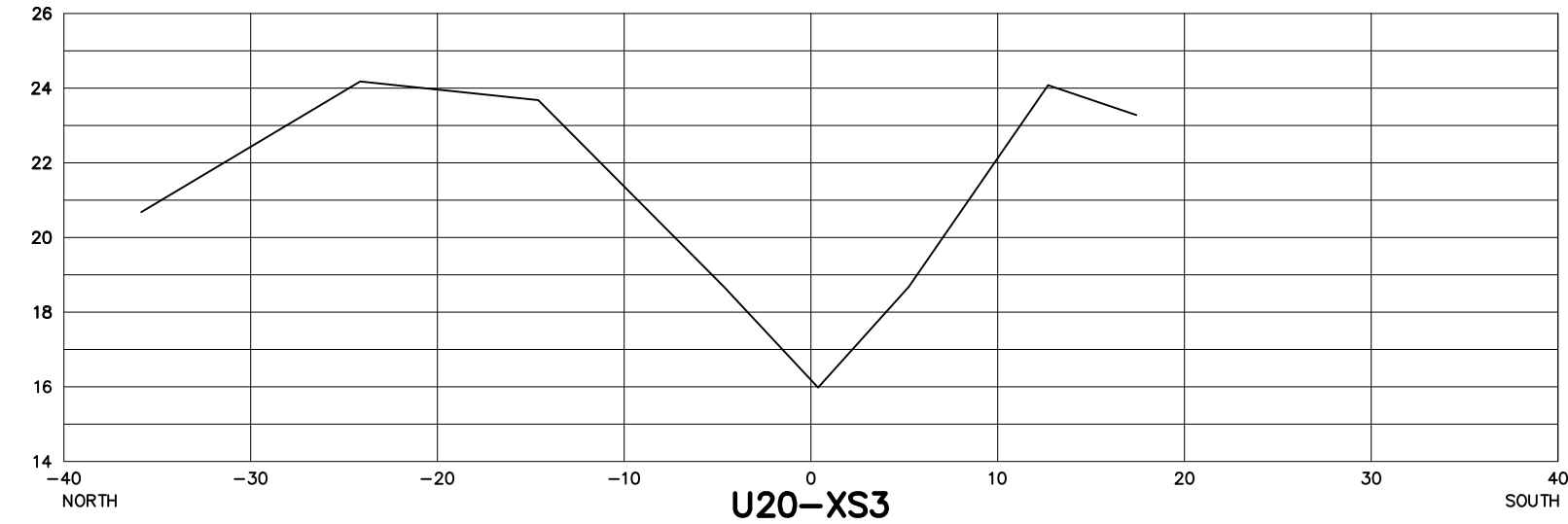
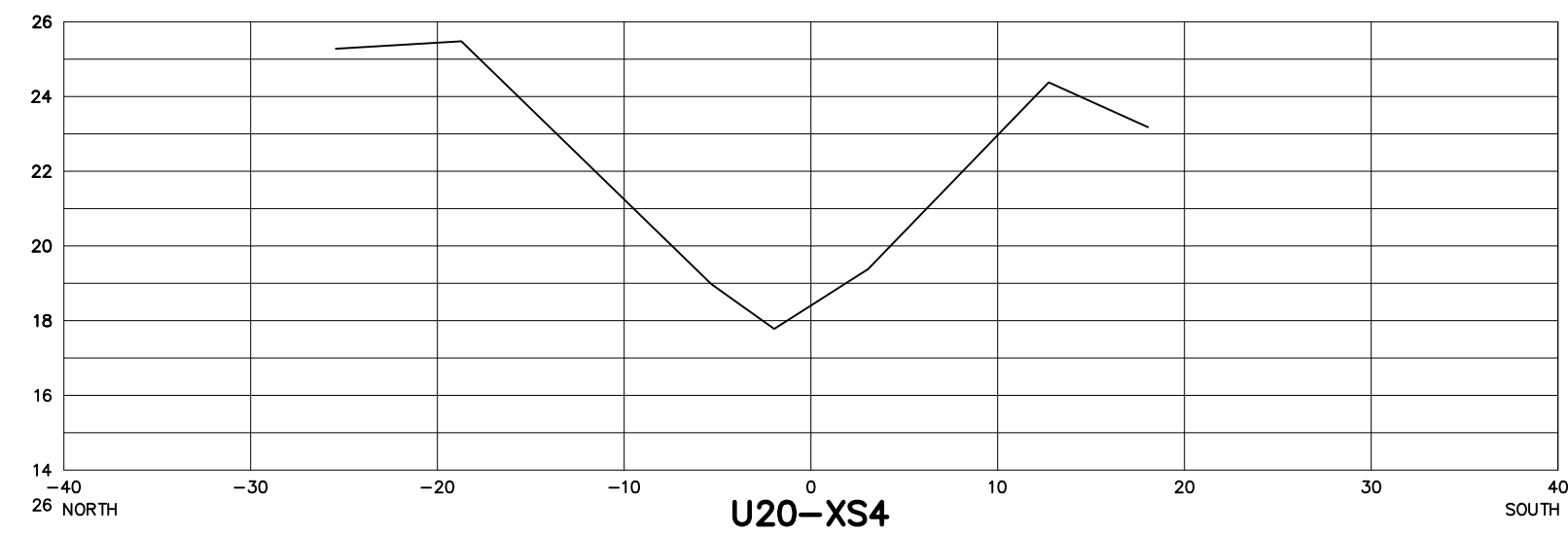
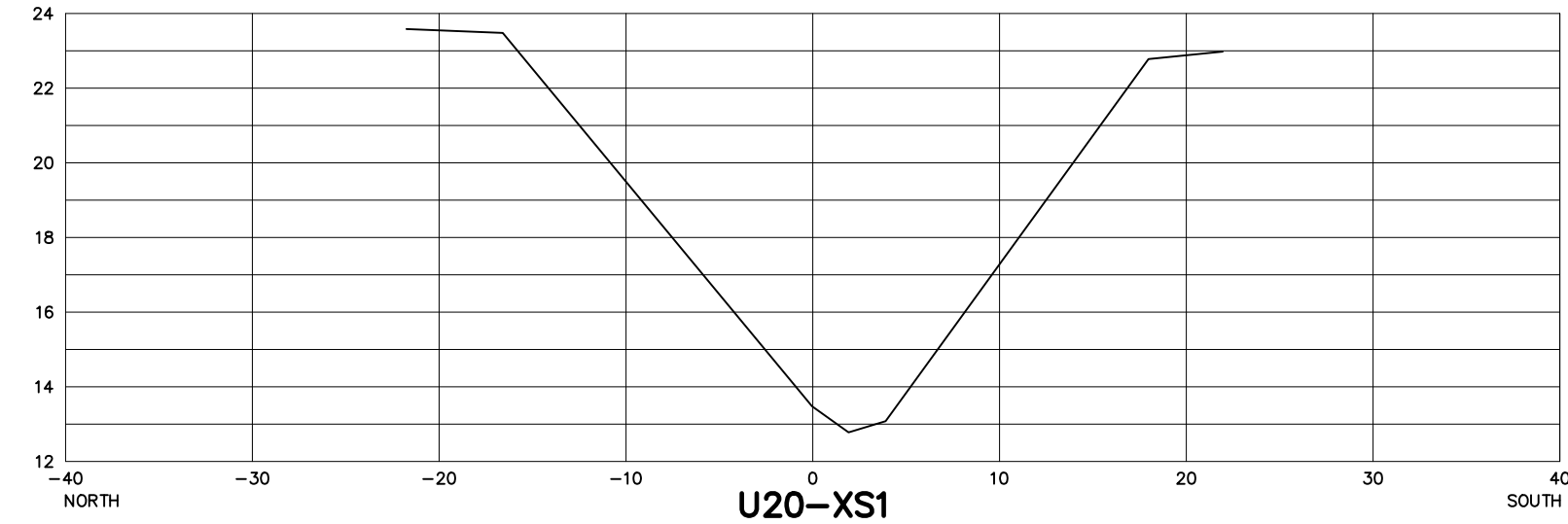
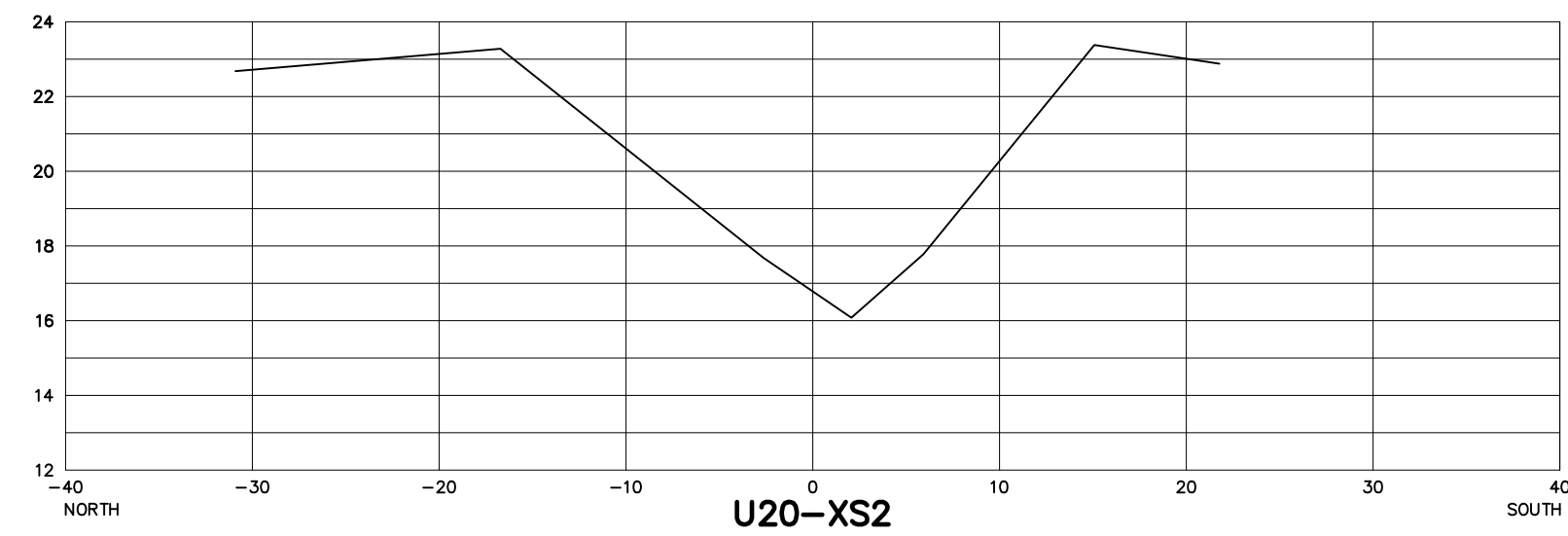
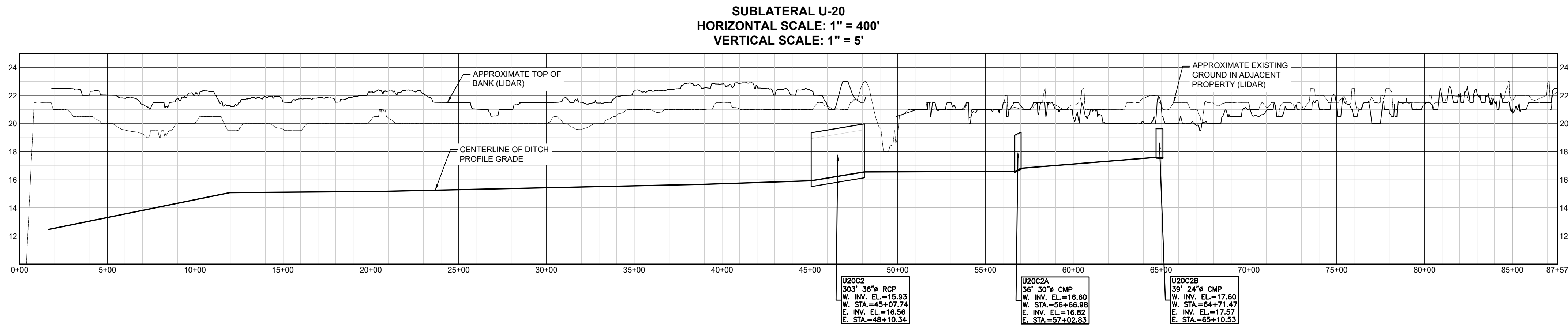
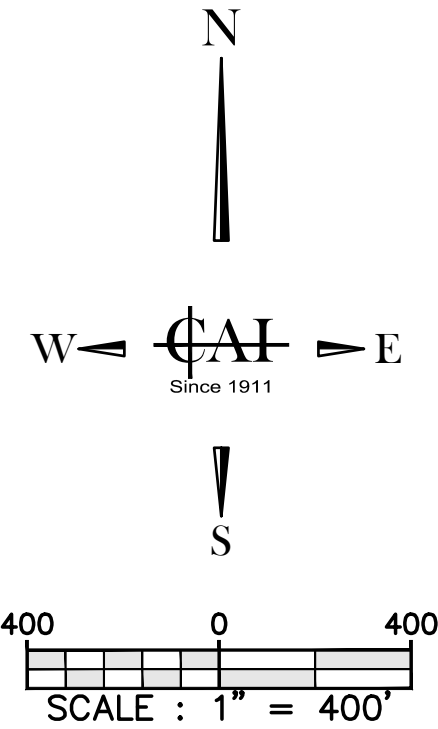
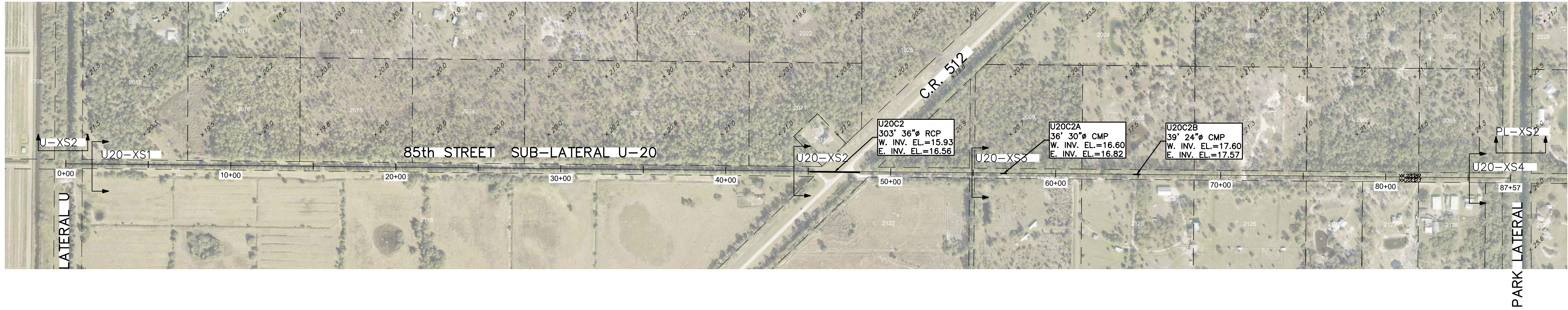
NO.	REVISION	DATE

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-19 87TH ST**

SHEET
C-38
DWG. NO:



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A CONVERSION FACTOR OF -1.42

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

NO.	REVISION	DATE
1		
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FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
U-20 85TH ST**

SHEET

C-39

DWG. NO:

NO.	REVISION	DATE

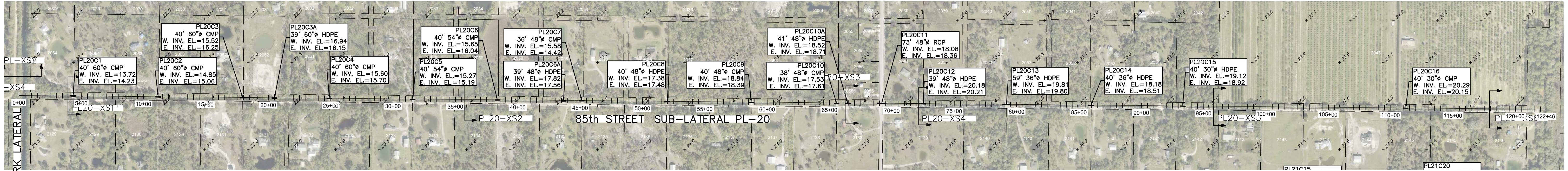
THIS SURVEY CONSISTS OF
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SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
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PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

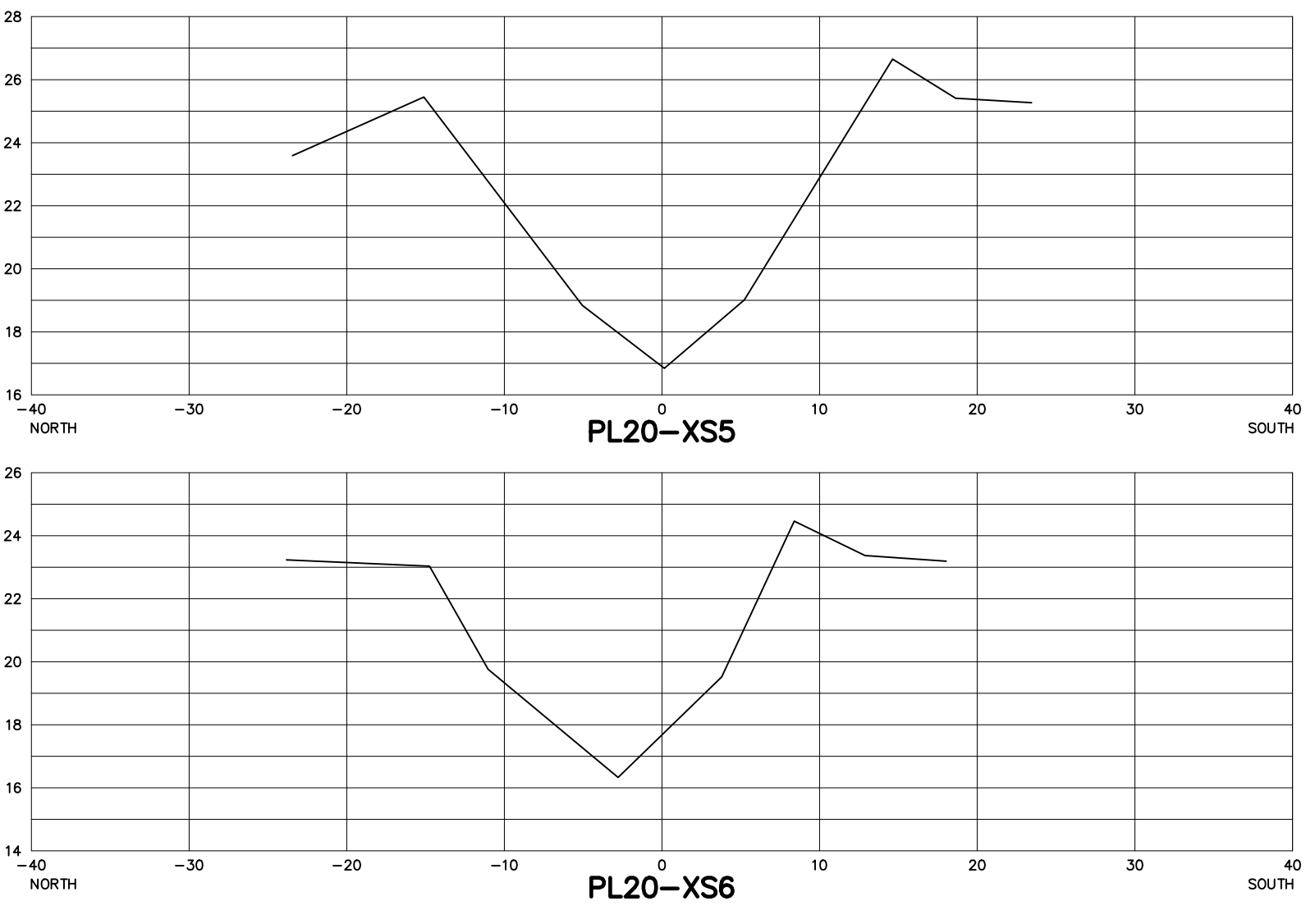
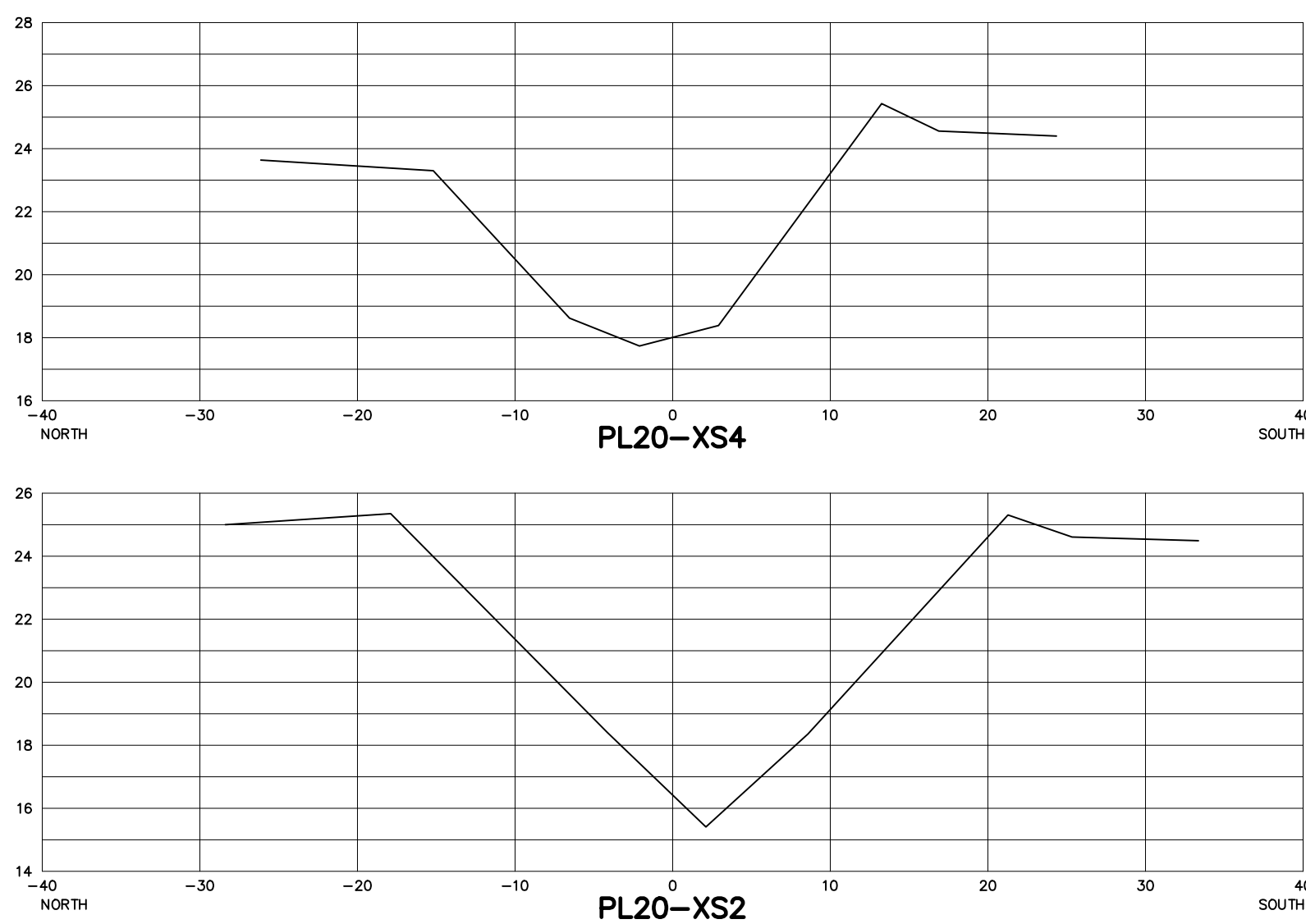
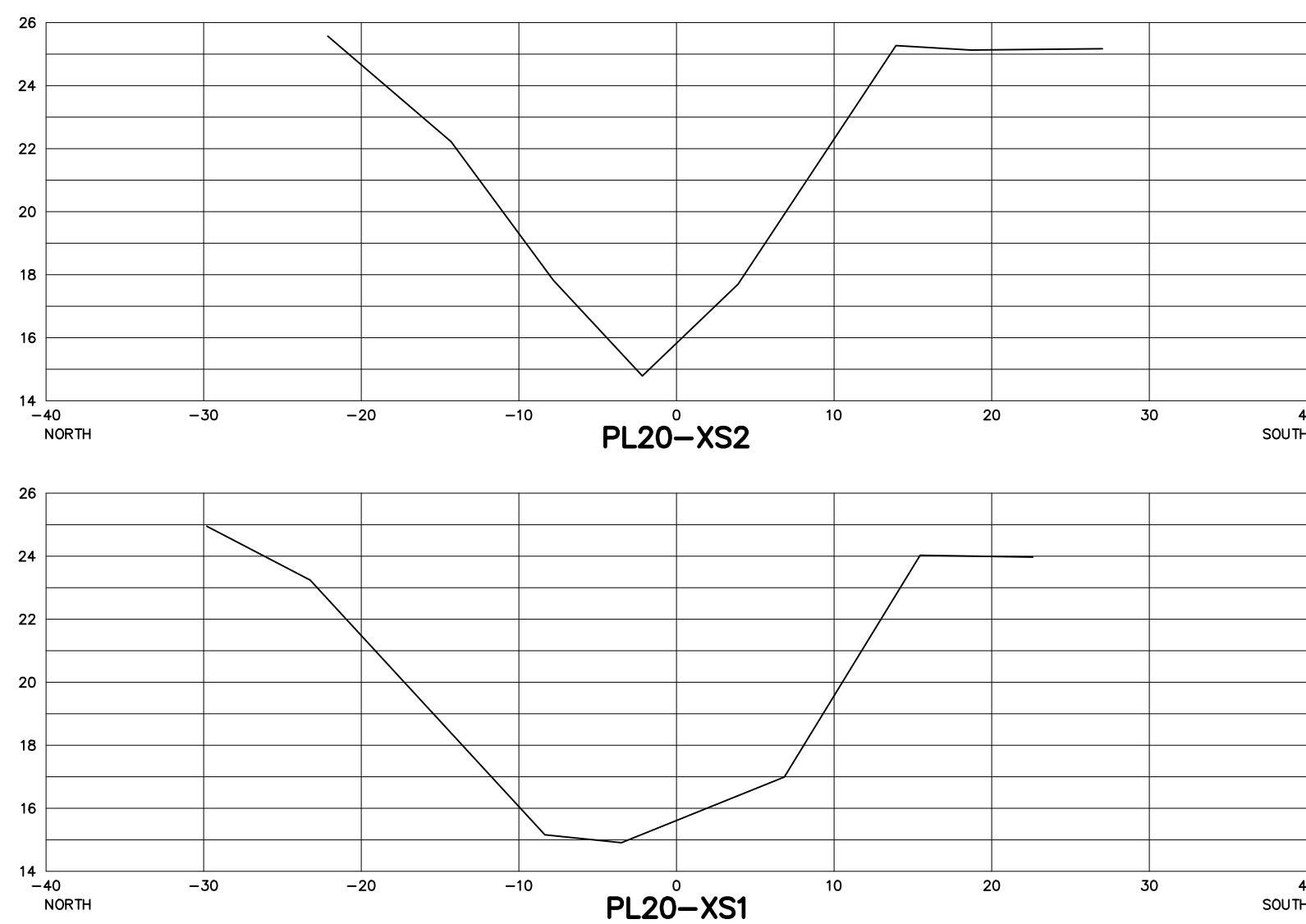
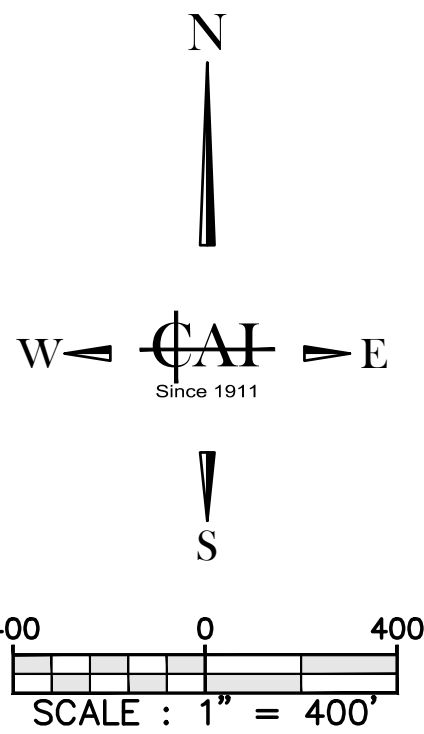
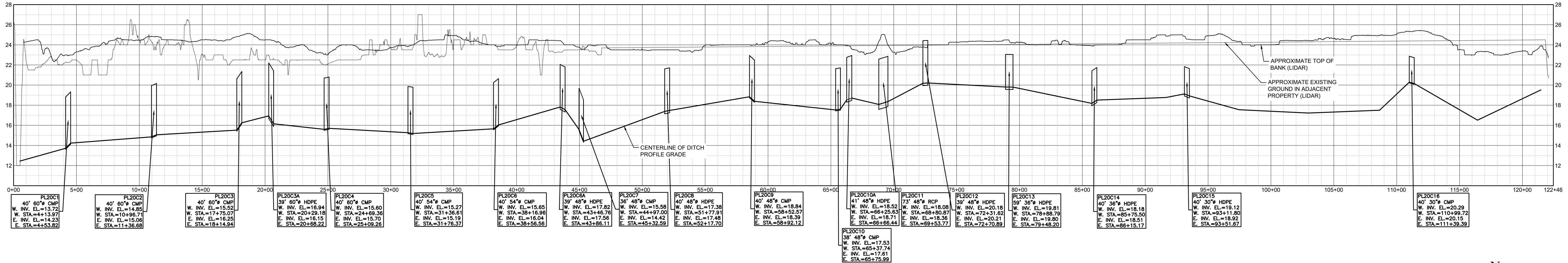
SHEET TITLE:
**SUBLATERAL
PL-20 85TH ST**

SHEET
C-40

DWG. NO:



SUBLATERAL PL-20
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'

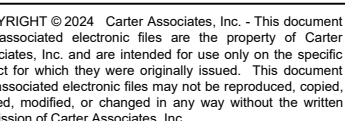


HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
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VERTICAL DATUM NOTE:
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DATUM OF 1988 (NAVD 1988)

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

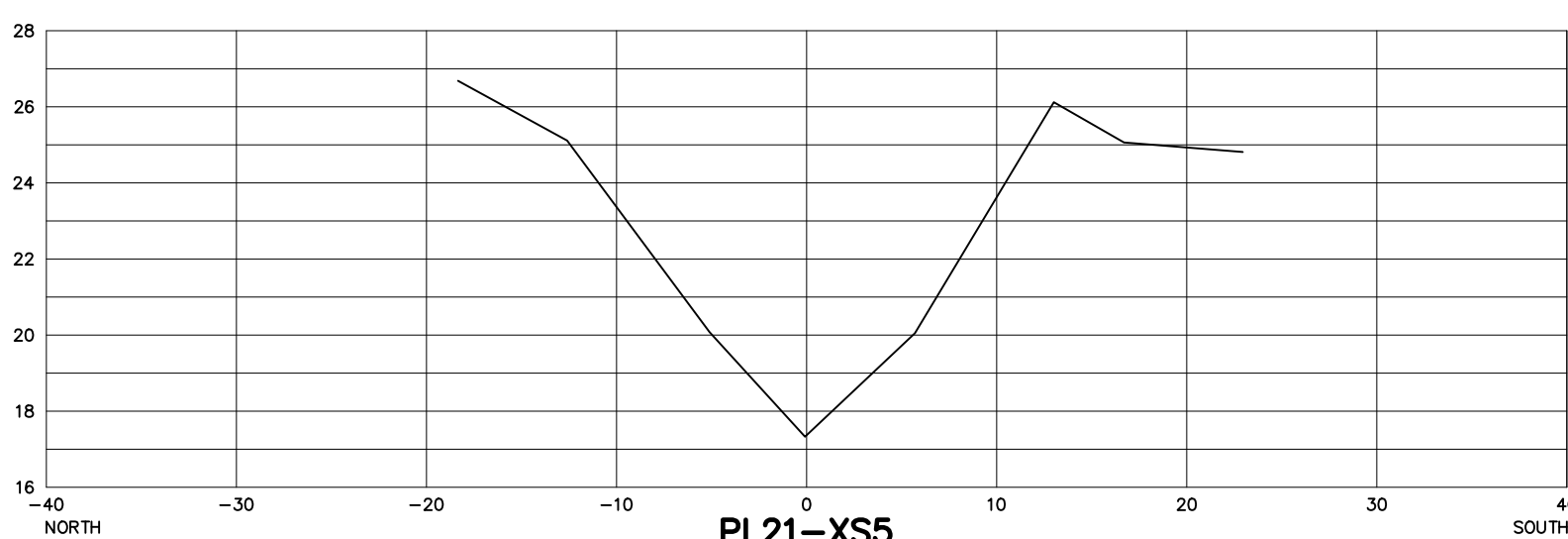
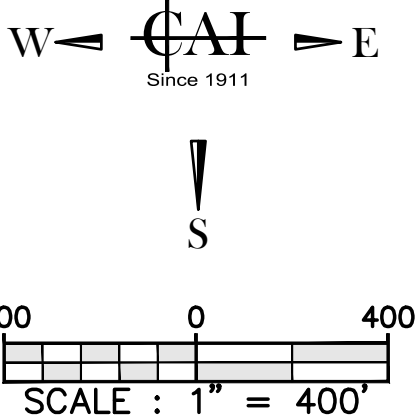
[illegible]

THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

DATE : Jun 2024
 PROJ. # : 90-09E
 DRAWN BY: GTM
 TITUM : SEE SURVEY
 F. # : 01-83E
 B. & PG. : FWCD MM/1*

C-4'

WG, NO:



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
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CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911
CONSULTING ENGINEERS
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1708 21ST STREET
VERO BEACH, FL 32960

TEL: (772) 562-4191
EMAIL: DLach@Carterassoc.com

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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org

NO.	REVISION	DATE
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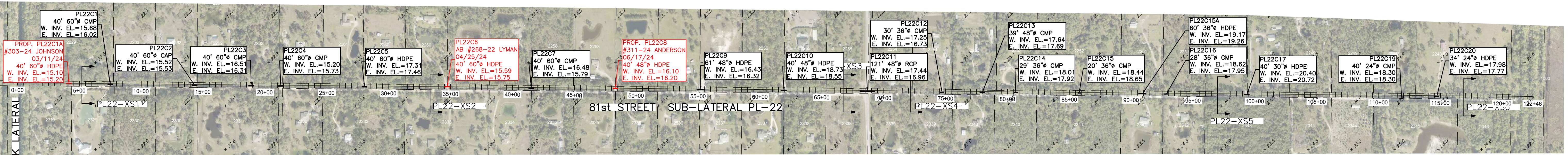
FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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PRESENT.

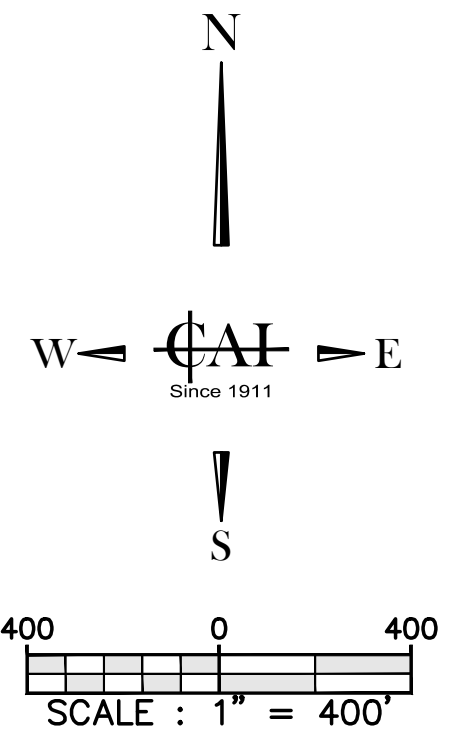
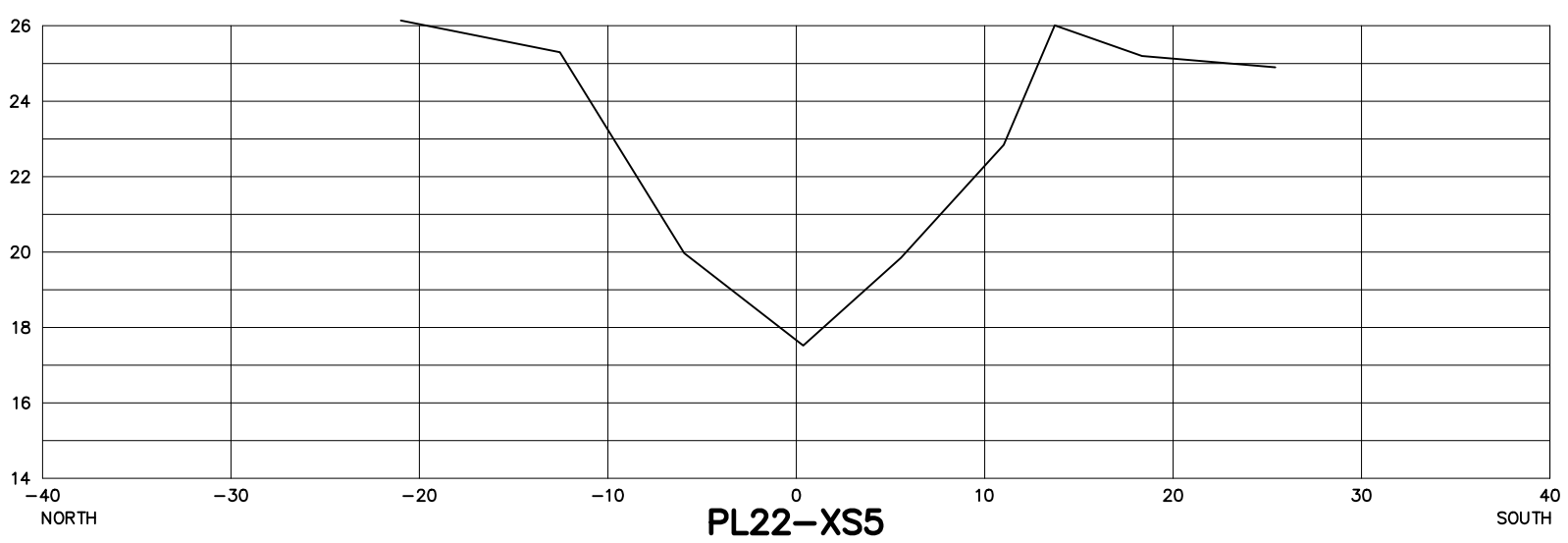
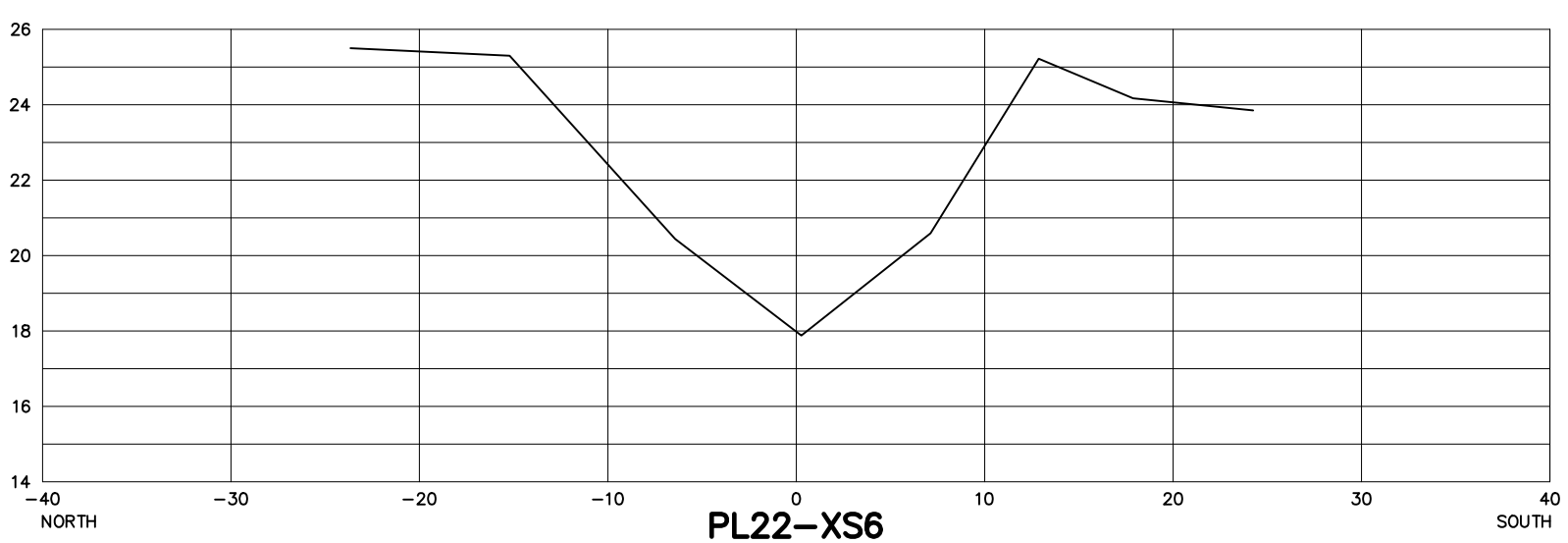
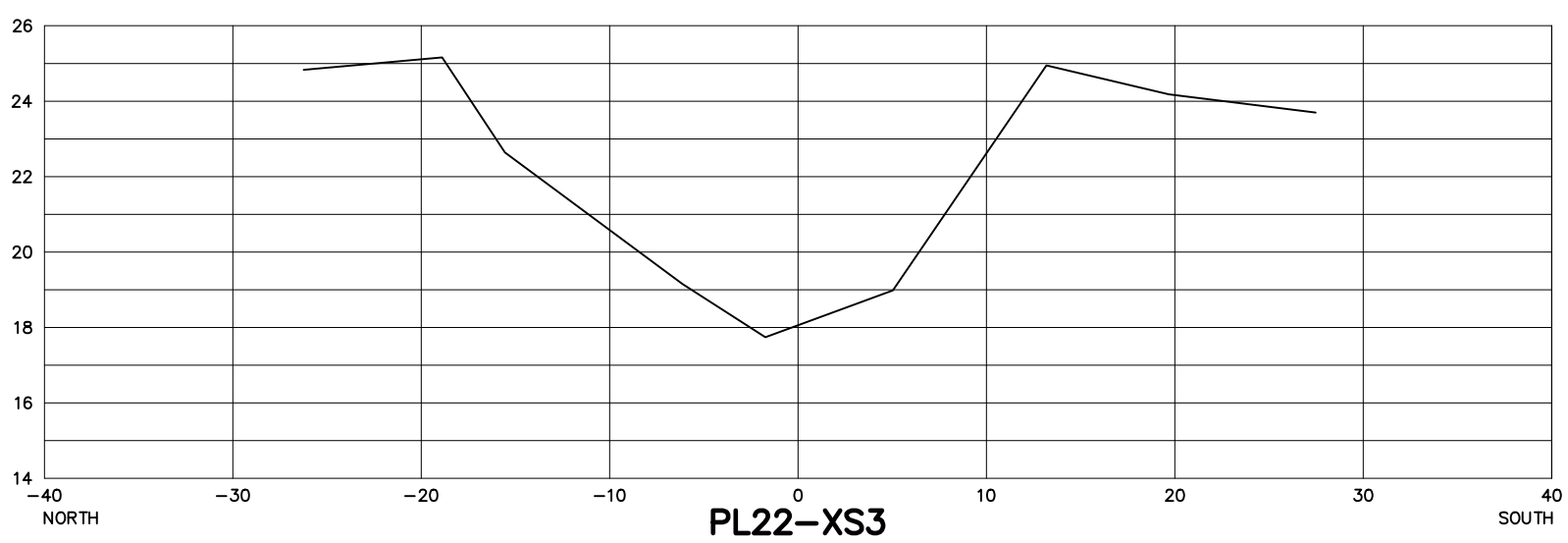
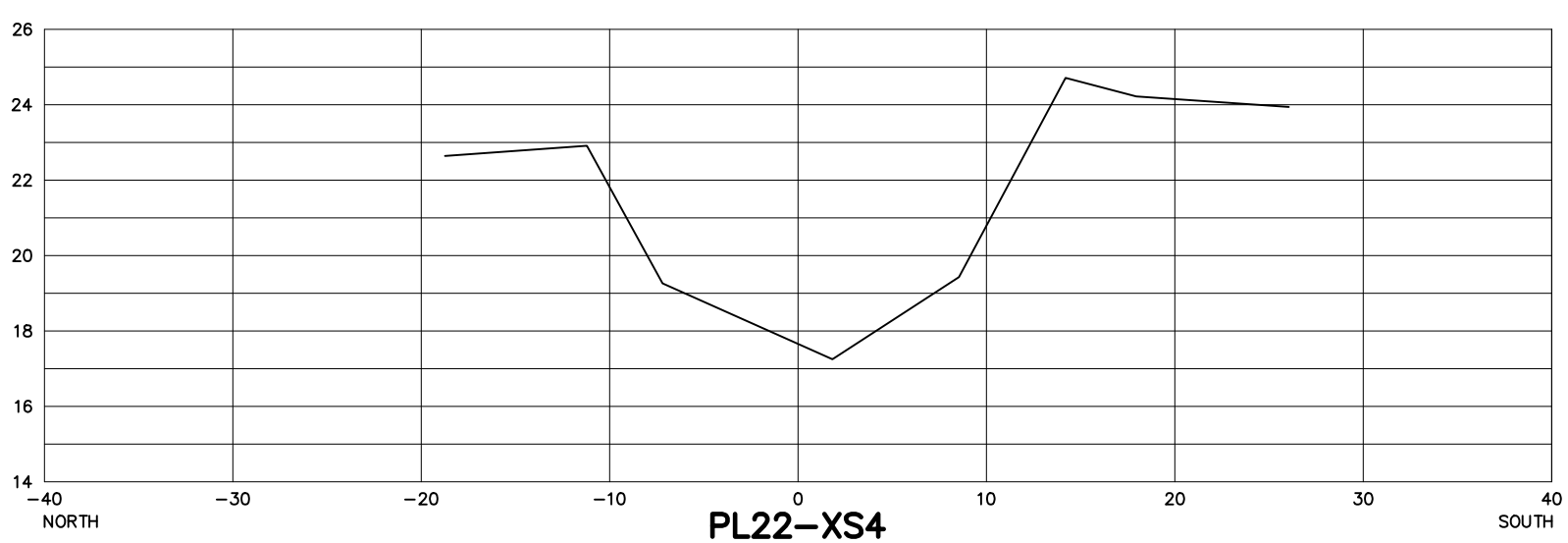
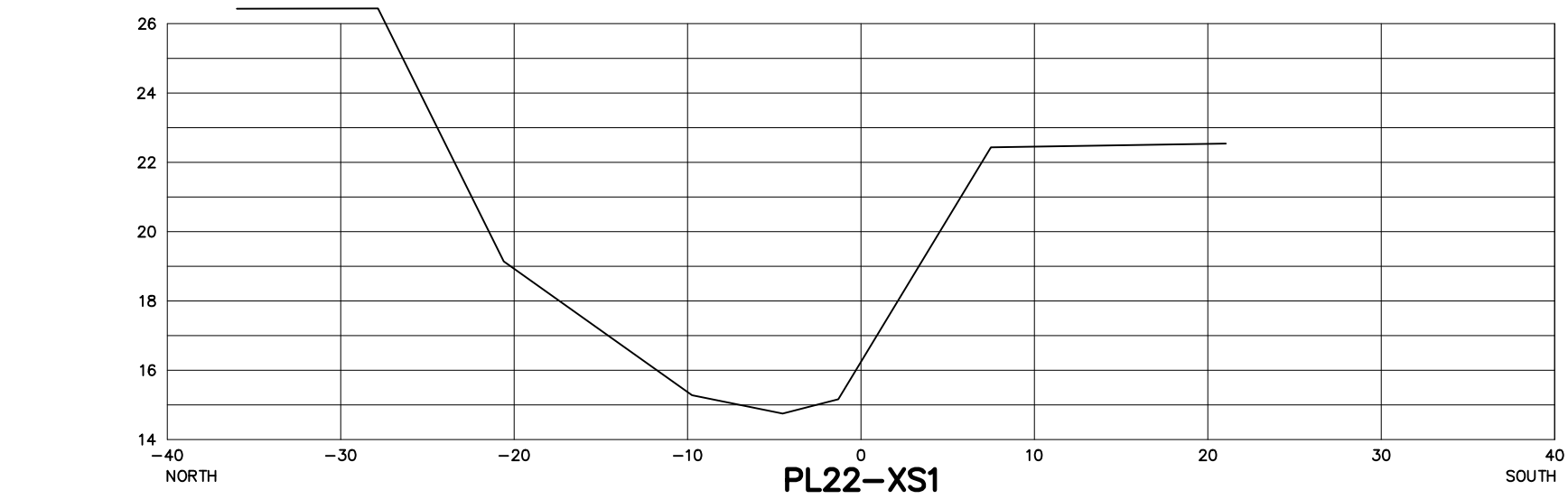
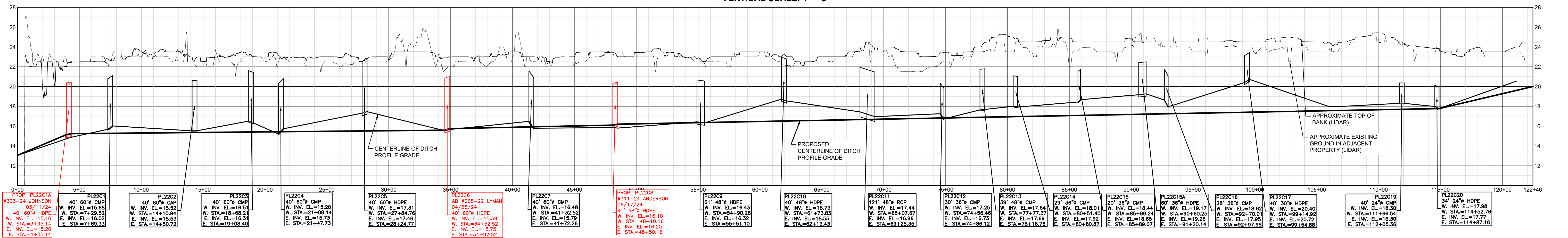
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-22 81ST ST**

SHEET
C-42
DWG. NO:



SUBLATERAL PL-22
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NAVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

P:\FWCD\90-09E - FWCD Culvert Inventory\Drawings\90-09E - FWCD Culvert Inventory\Draw 42, Gerald Miller
Jun 28, 24, 1:27 PM

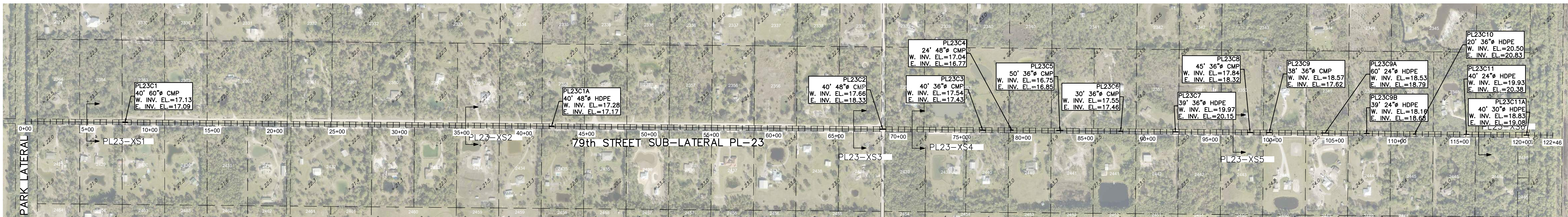
NO.	REVISION	DATE

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

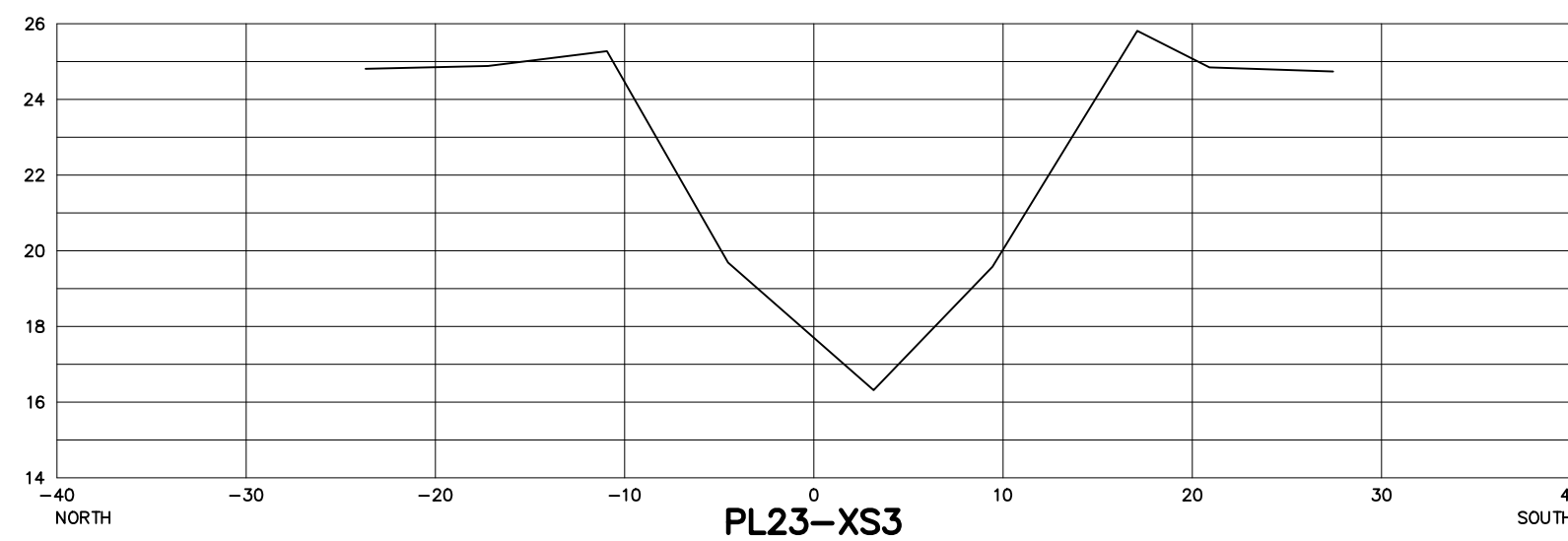
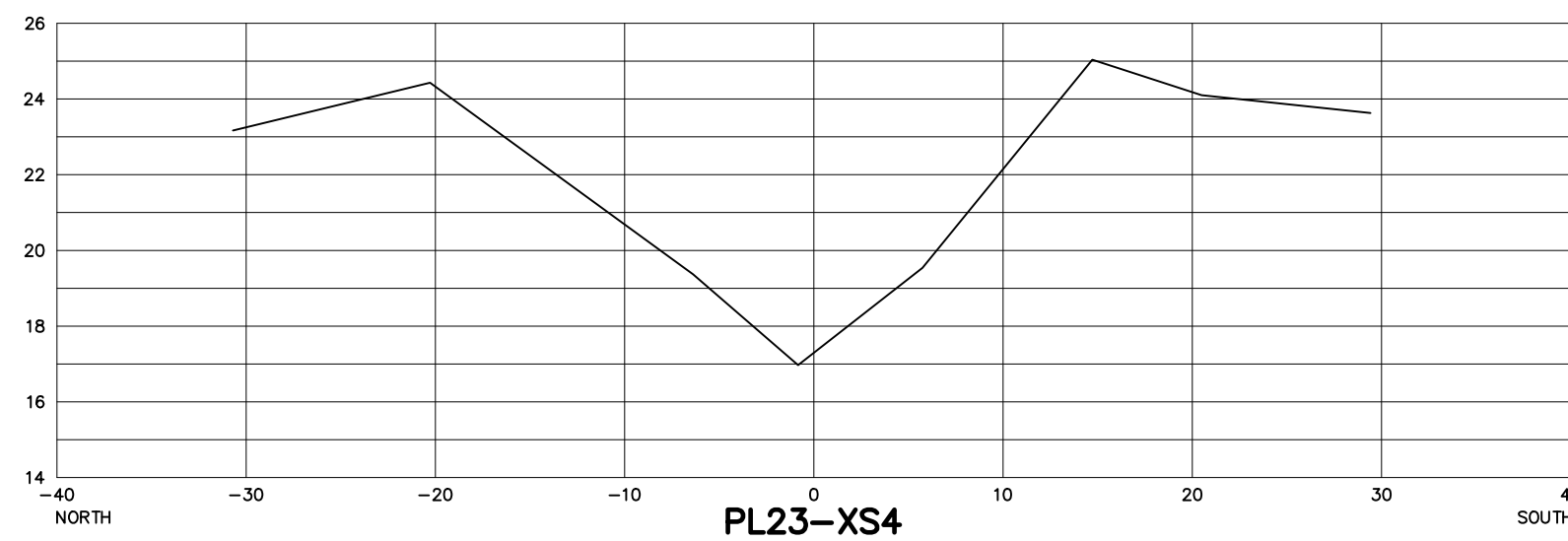
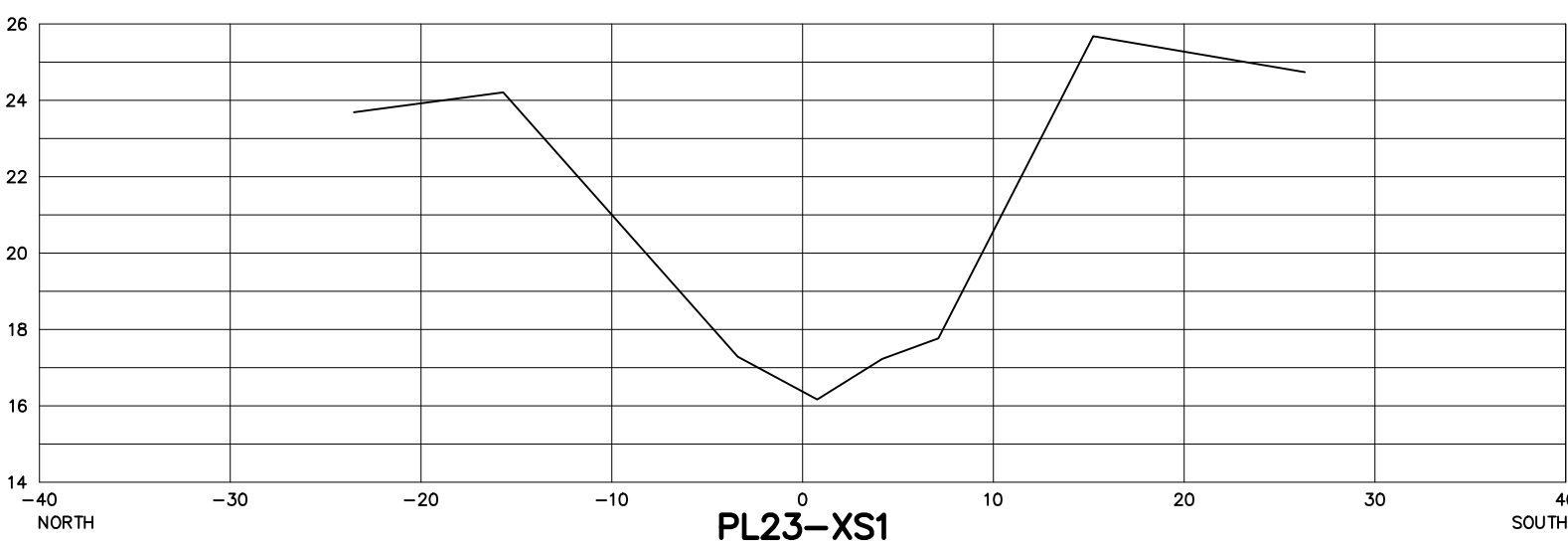
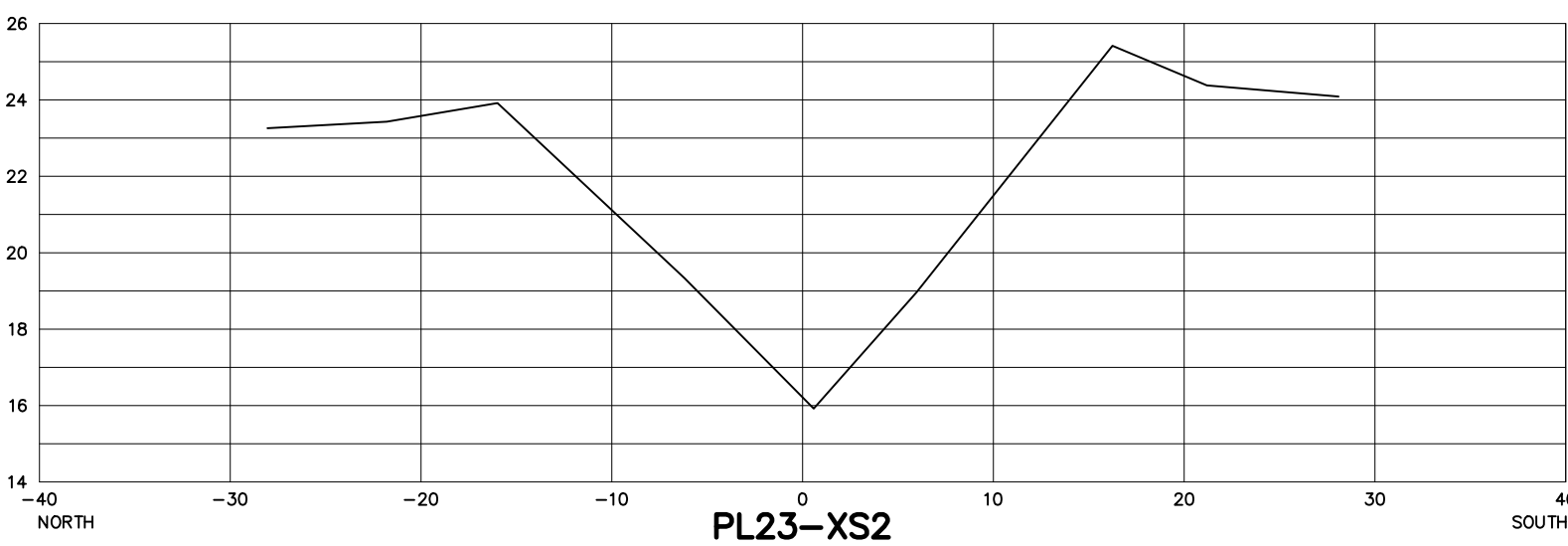
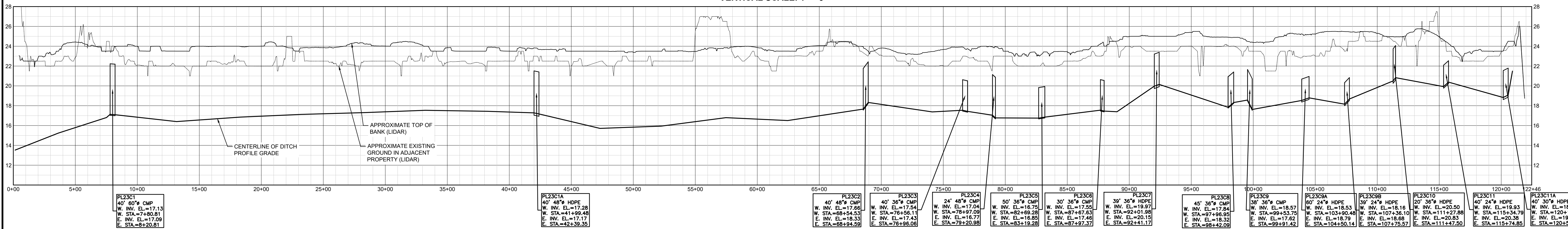
DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-23 79TH ST**

SHEET
C-43
DWG. NO:

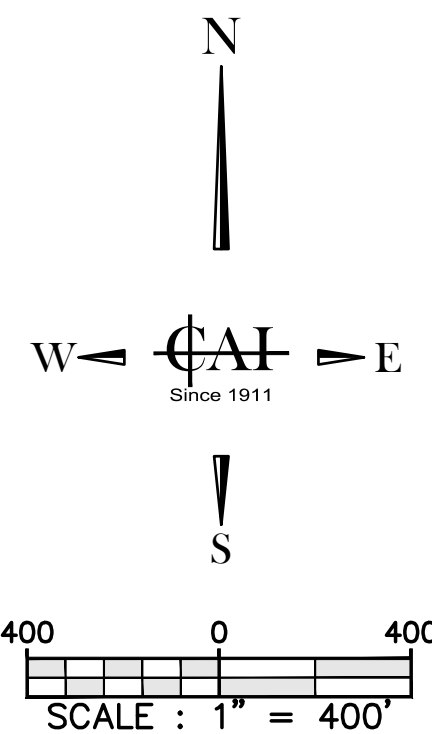
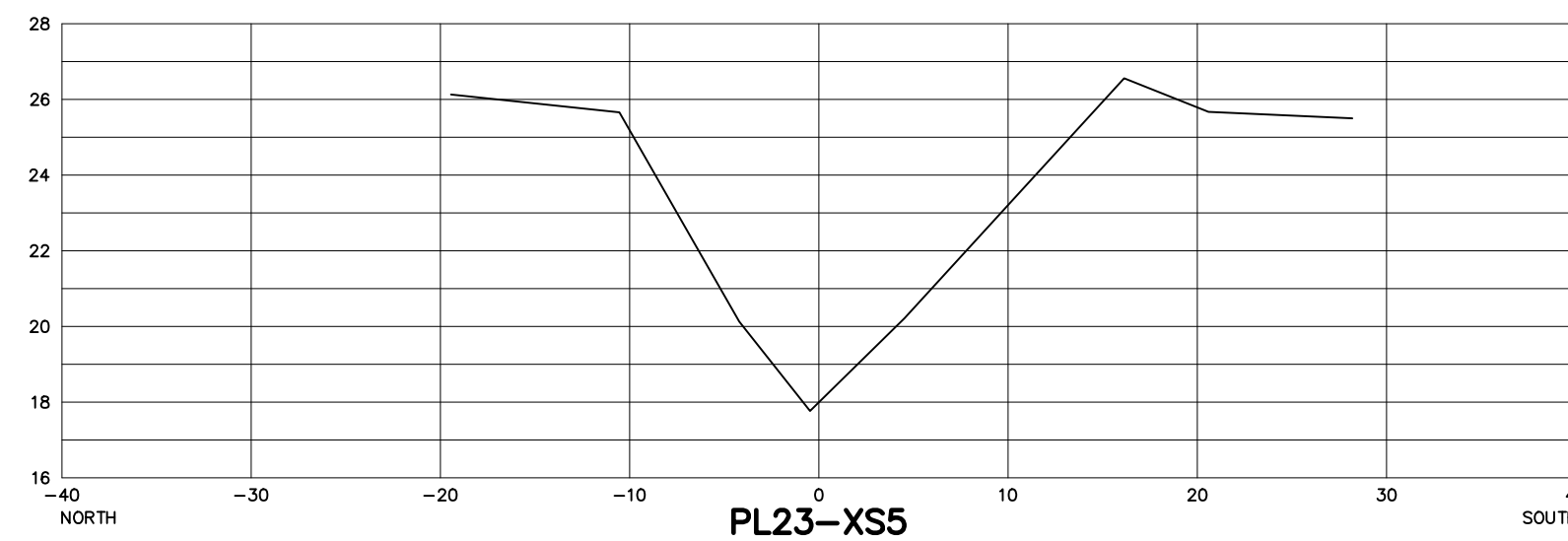
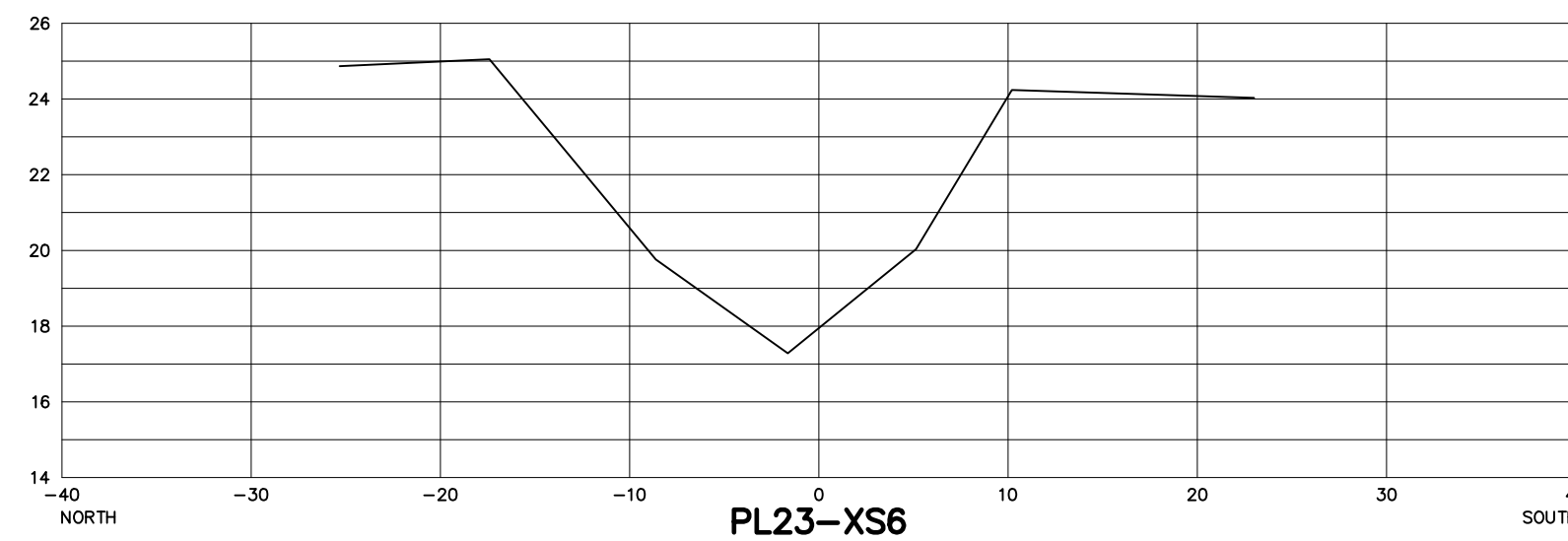


SUBLATERAL PL-23
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



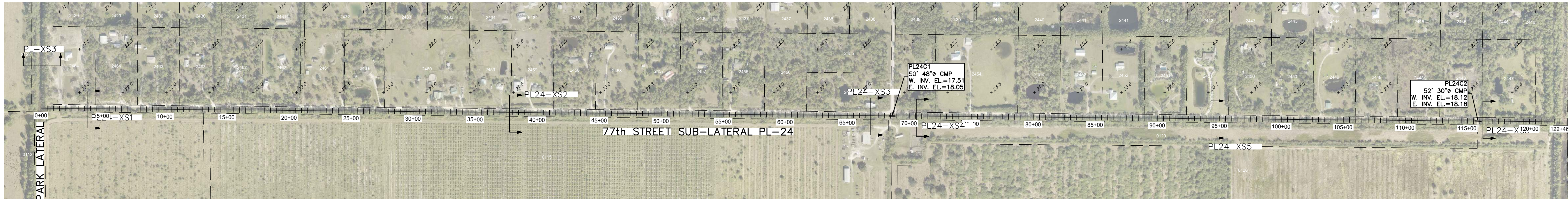
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NGVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

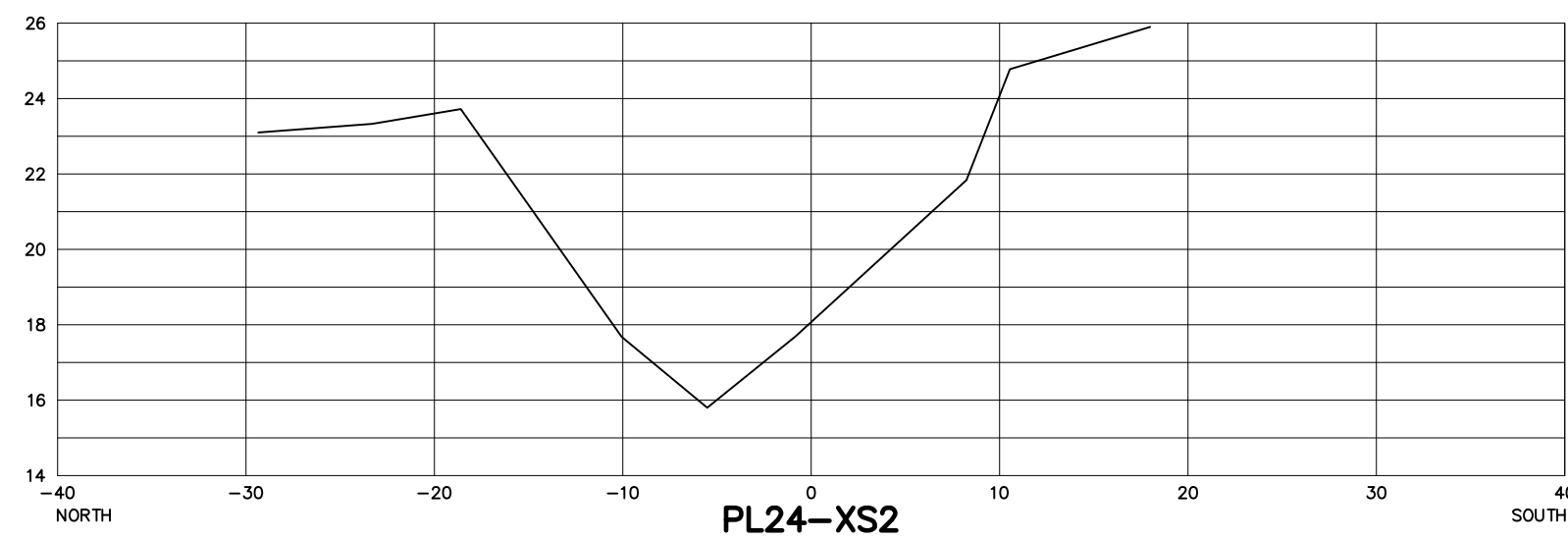
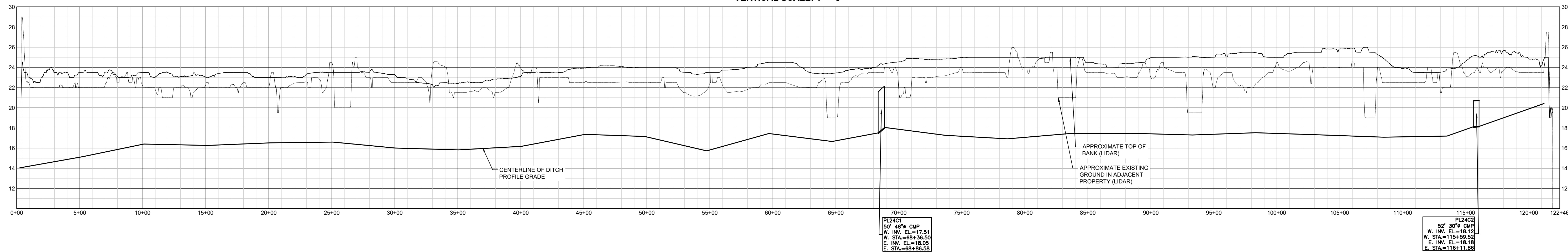


VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

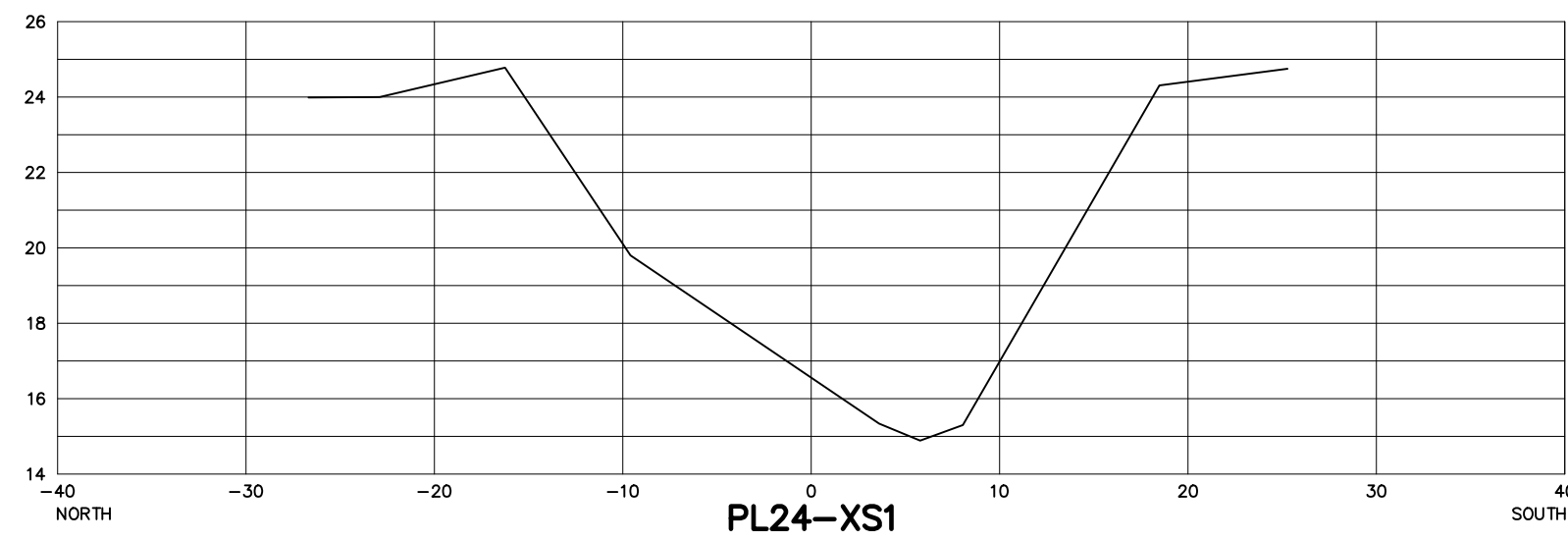
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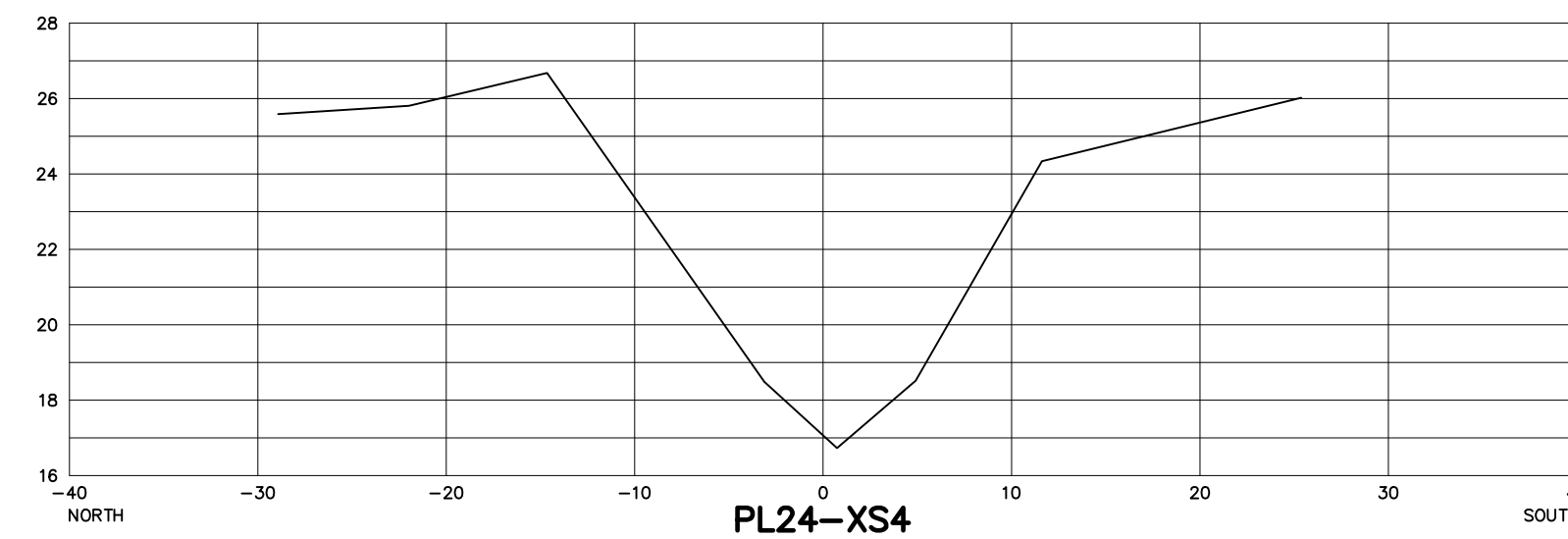
SUBLATERAL PL-24
HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 5'



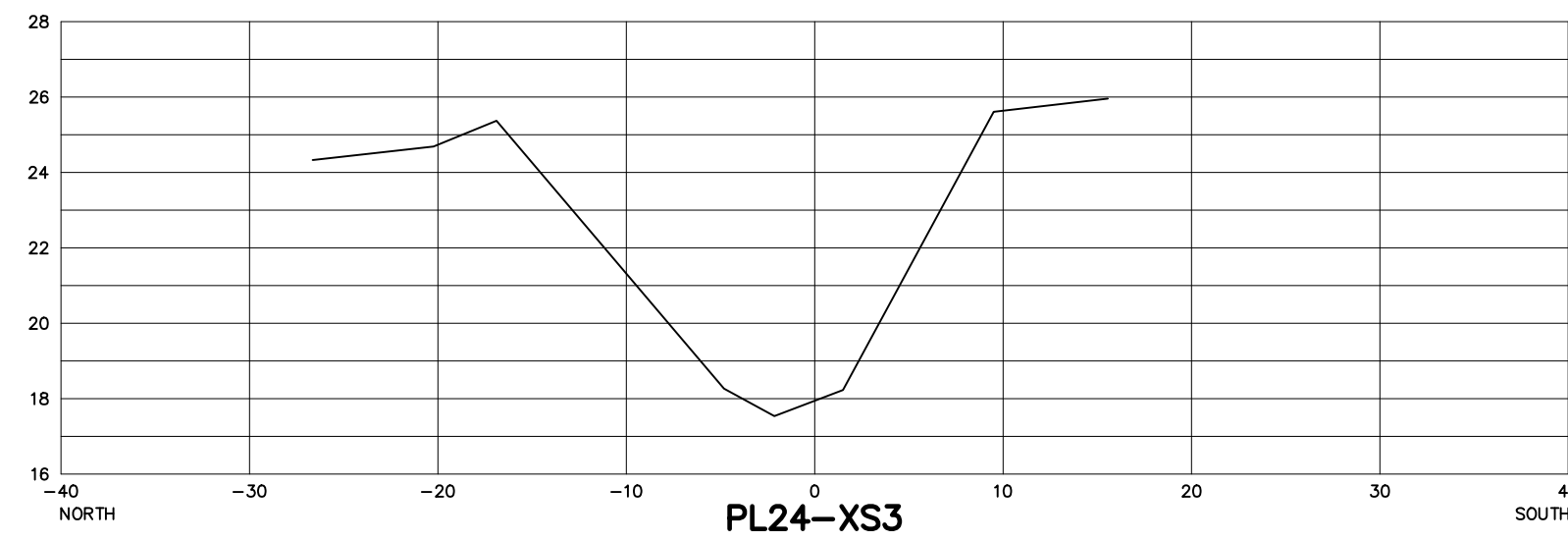
PL24-XS2



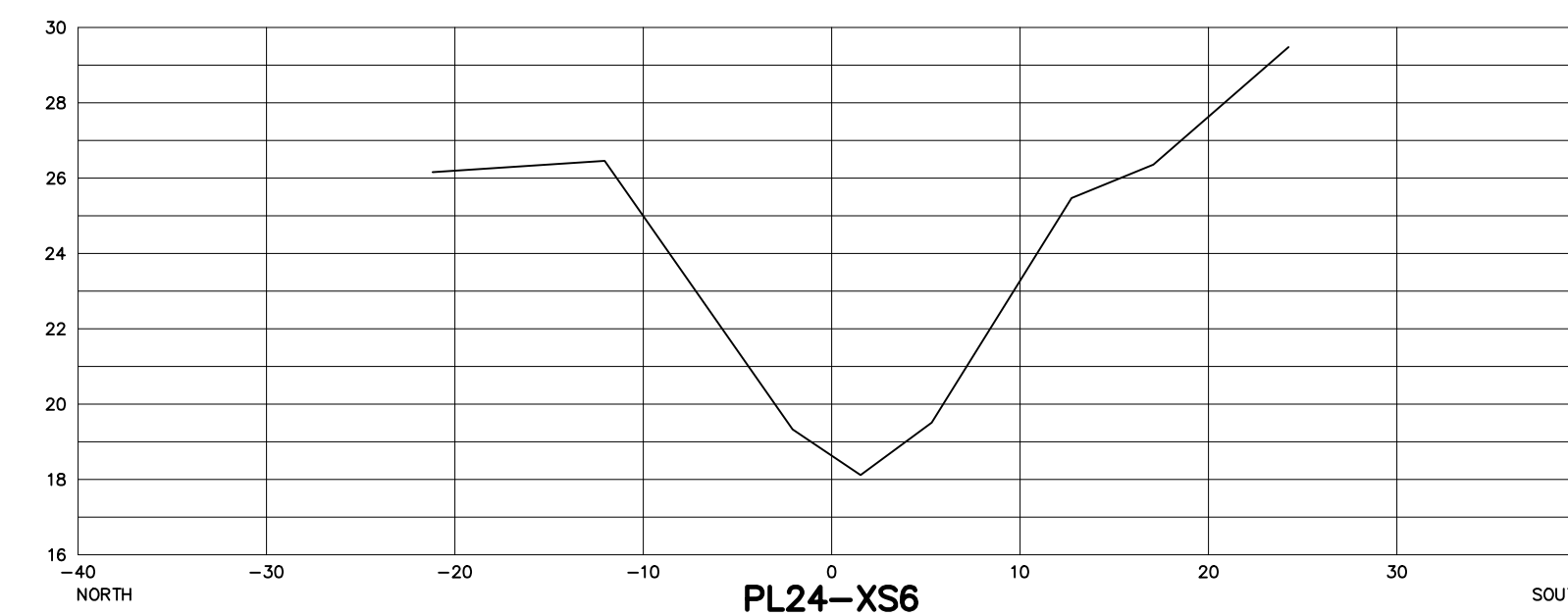
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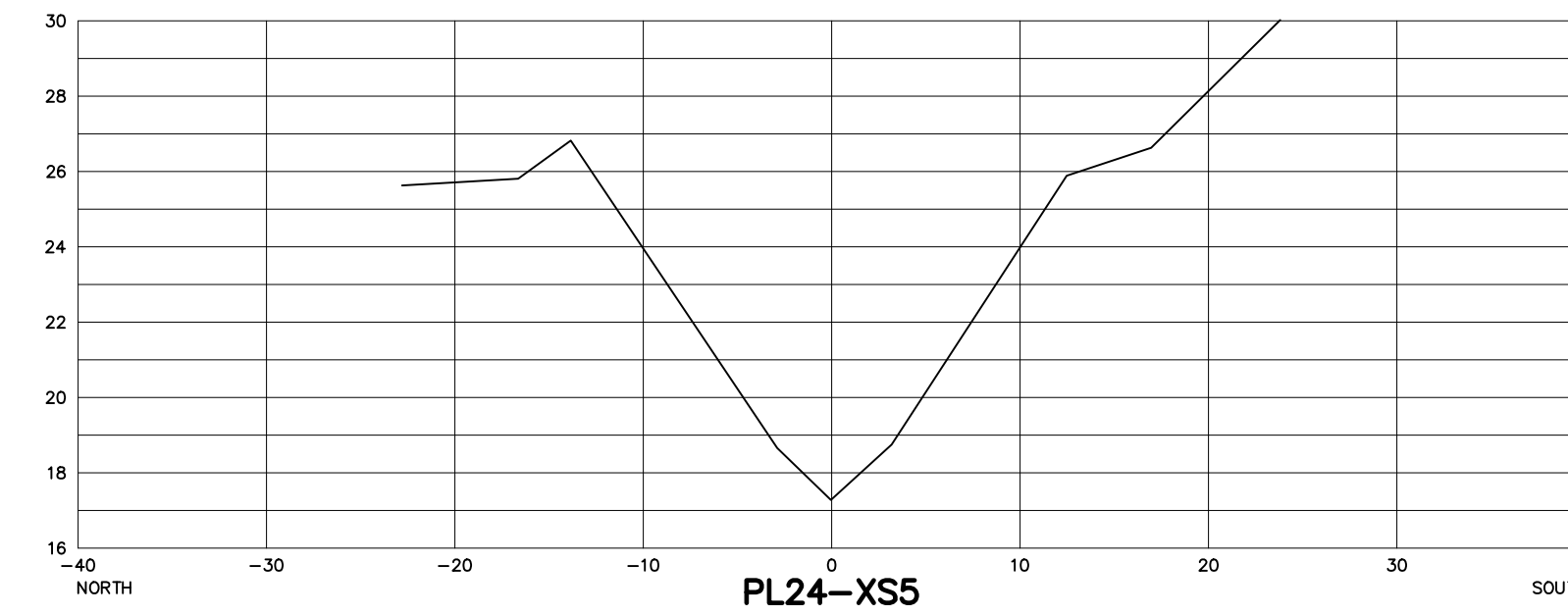
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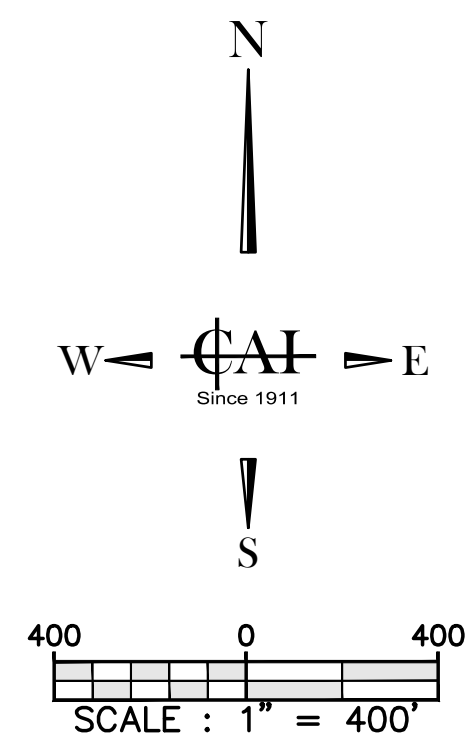
PL24-XS3



PL24-XS6



PL24-XS5



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE
NOT FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN
FROM 2003 INVENTORY & MODIFIED FROM NCVD'29 TO
NAVD'88 USING A CONVERSION FACTOR OF -1.42

NO.	REVISION	DATE
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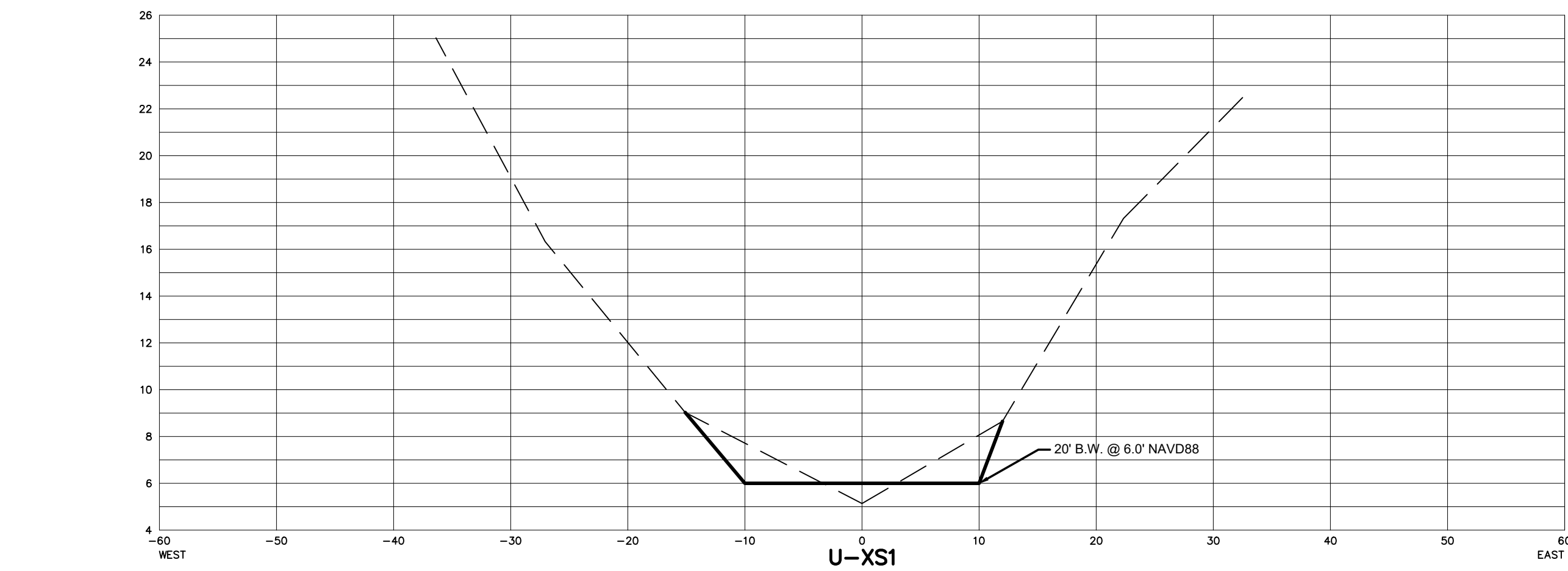
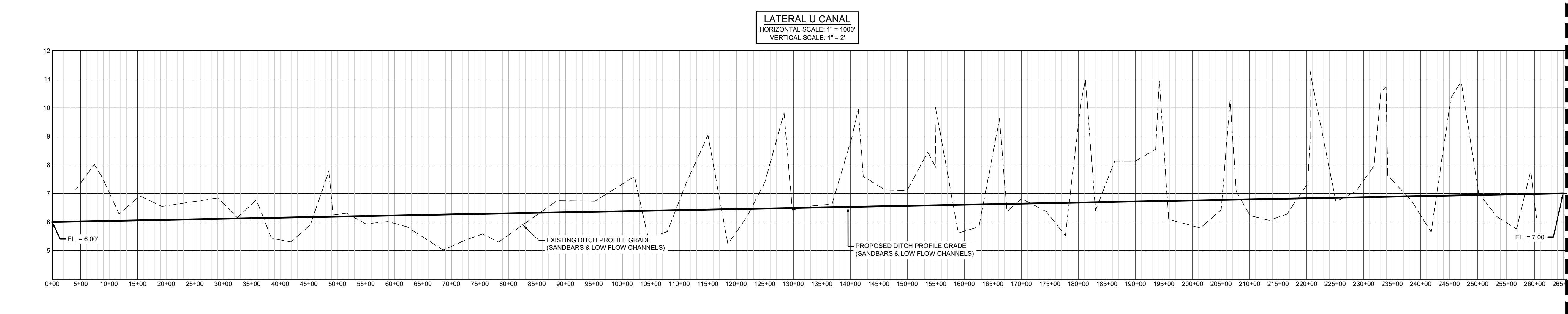
THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Jun 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FVCD MM/1+

SHEET TITLE:
**SUBLATERAL
PL-24 77TH ST**

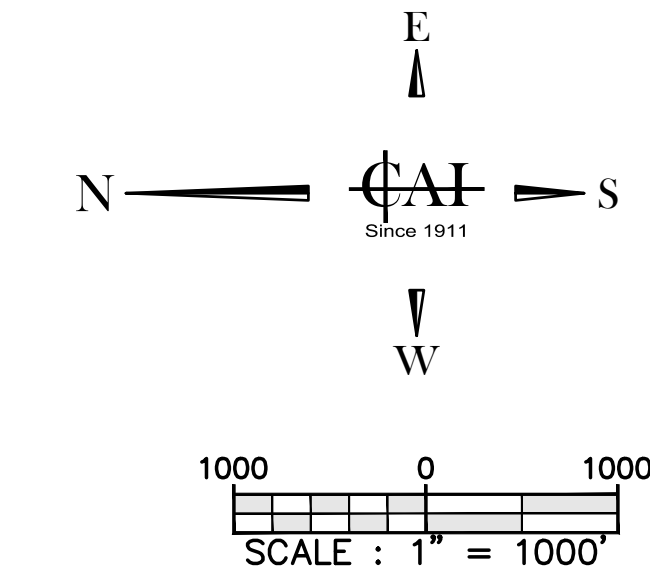
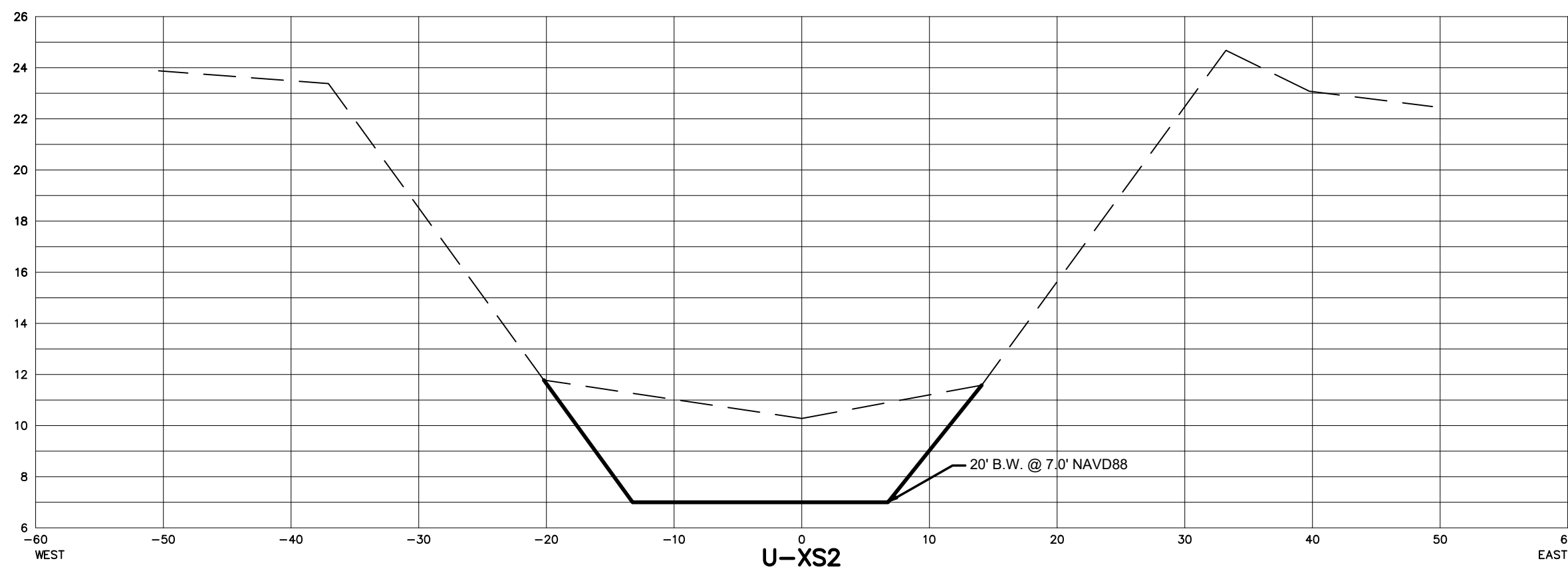
SHEET
C-44
DWG. NO:

S:\CA\Projects\FWCD\Inventory\Drawings\06 - FWCD Culvert Inventory\Drawings\06 - FWCD Culvert Inventory.dwg, 45-U, Gerrit Miller
Jun 28, 24, 1:28 PM



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

SECTION NOTE: CROSS SECTIONS SHOWN HEREON WERE NOT
FIELD VERIFIED IN 2023. SECTIONS WERE TAKEN FROM 2003
INVENTORY & MODIFIED FROM NGVD'29 TO NAVD'88 USING A
CONVERSION FACTOR OF -1.42



ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

CAI
CARTER ASSOCIATES, INC.
SERVING FLORIDA SINCE 1911
CONSULTING ENGINEERS
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1708 21ST STREET
VERO BEACH, FL 32960
TEL: (772) 562-4191
EMAIL: DLach@Carterassoc.com
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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
EMAIL: tsakuma@sdsinc.org
TEL: 772-571-0940

NO.	REVISION	DATE
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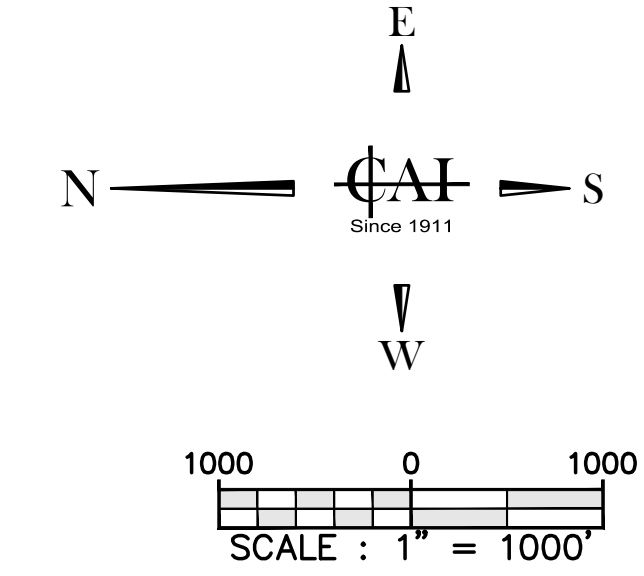
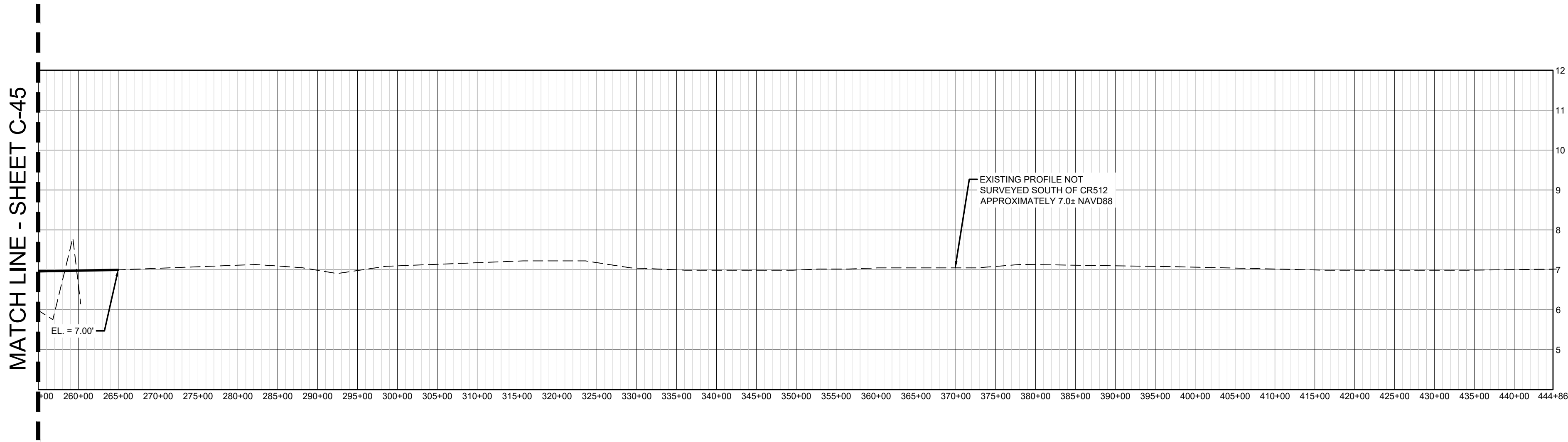
FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Feb 2024
PROJ # : 90-09E
DRAWN BY : GTM
DATUM : SEE SURVEY
REF # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**LATERAL U
CANAL**

SHEET
C-45
DWG. NO:



VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

DATE : Feb 2024
PROJ.# : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF.# : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
**LATERAL U
CANAL SOUTH**

SHEET
C-45A
DWG. NO:

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

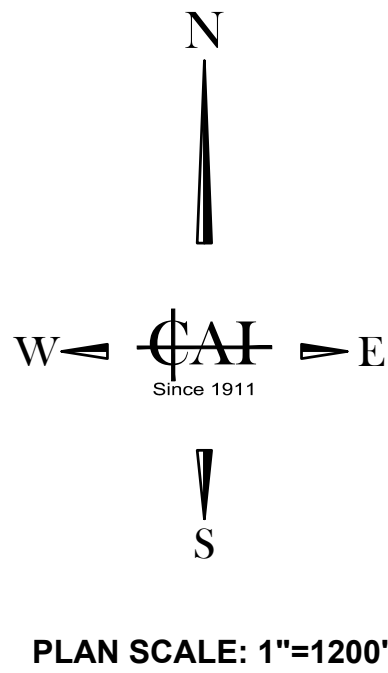
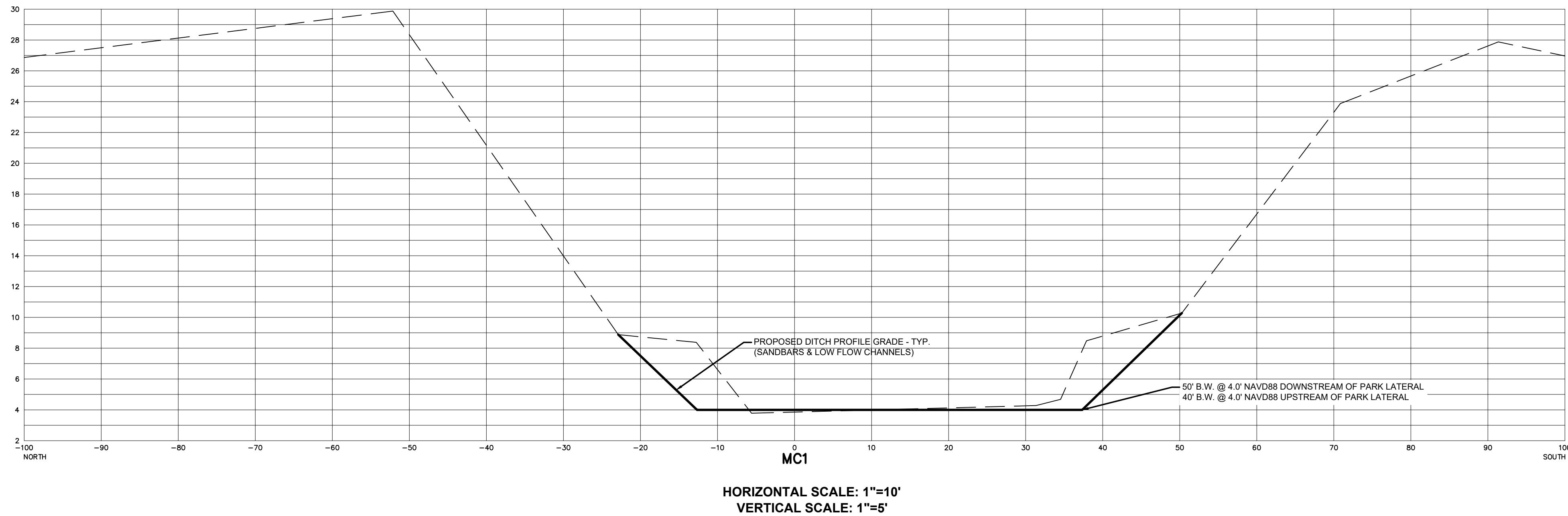
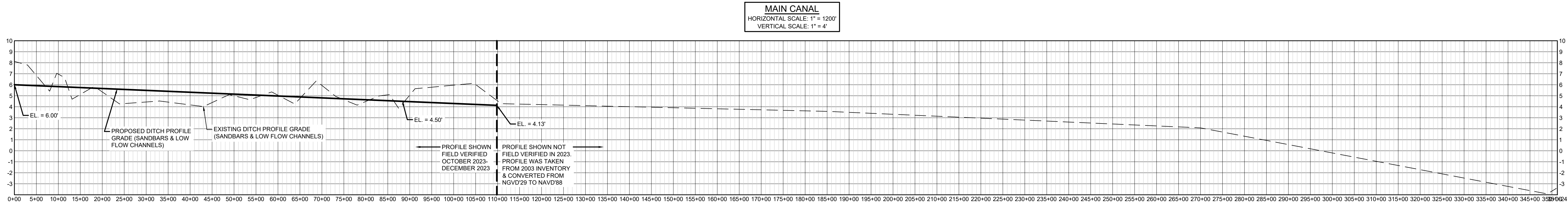
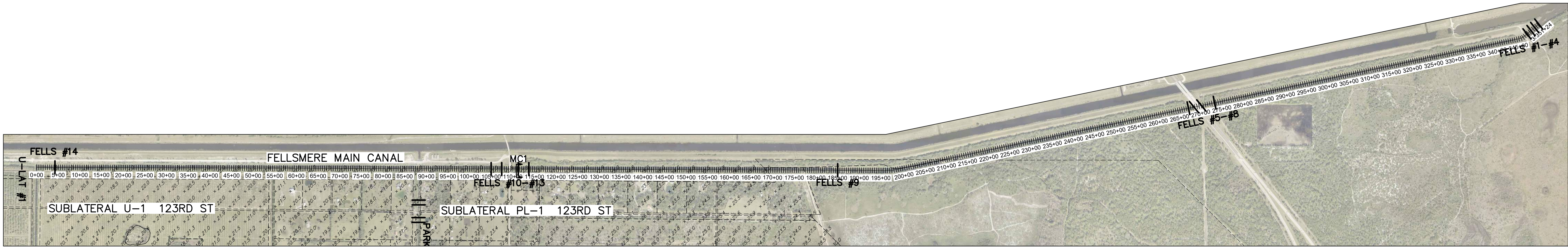
FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948

TEL: 772-571-0640 EMAIL: bsakuma@sdsinc.org

CAI
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ALL ELEVATIONS SHOWN ARE
N.A.V.D. 1988

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN ON SHEETS C-1 TO C-47 ARE
REFERENCED TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 1988)

CAI

an L.A. company

CARTER ASSOCIATES, INC.
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1708 21ST STREET
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FELLSMERE WATER
CONTROL DISTRICT
109 WILLOW STREET
FELLSMERE, FL 32948
TEL: 772-571-0940
EMAIL: tsakuma@sdsinc.org

NO.	REVISION	DATE
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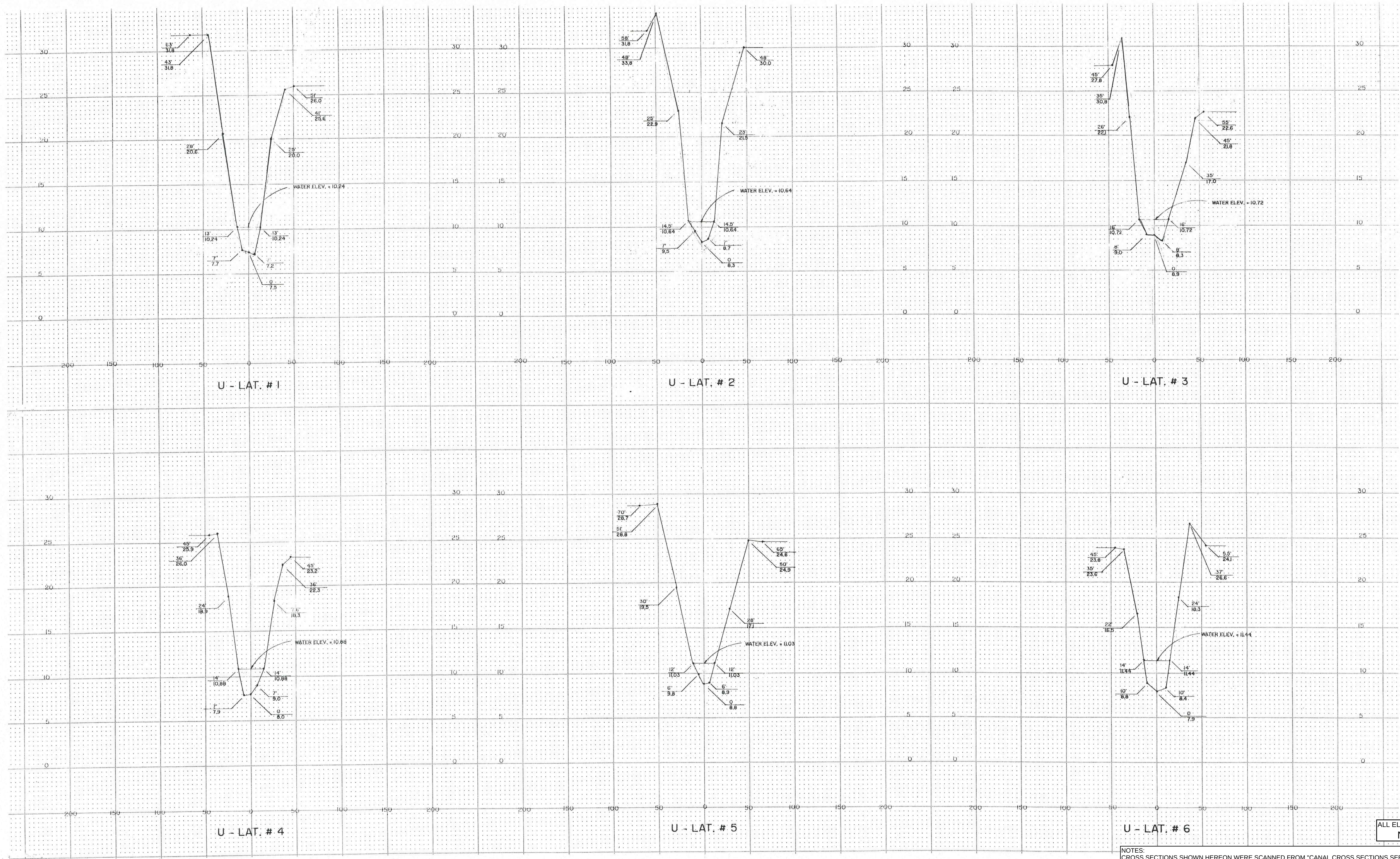
FELLSMERE WATER CONTROL
DISTRICT CULVERT INVENTORY
INDIAN RIVER COUNTY, FLORIDA

THIS SURVEY CONSISTS OF
THE COVER SHEET AND
SHEETS C-0 THROUGH C-54
AND SHALL NOT BE
CONSIDERED COMPLETE
UNLESS ALL SHEETS ARE
PRESENT.

DATE : Feb 2024
PROJ. # : 90-09E
DRAWN BY: GTM
DATUM : SEE SURVEY
REF. # : 01-83E
F.B. & PG. : FWCD MM/1+

SHEET TITLE:
MAIN CANAL

SHEET
C-47
DWG. NO:



ALL ELEVATIONS SHOWN ARE
N.G.V.D. 1929

VERTICAL DATUM NOTE:
THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929) AND ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF. SAID ELEVATIONS SHOWN ARE BASED ON A CLOSED DIFFERENTIAL LEVEL LOOP MEETING OR EXCEEDING ± 0.05 TIMES THE SQUARE ROOT OF THE DISTANCE OF THE LOOP IN MILES. GROUND ELEVATIONS SHOWN HEREON HAVE AN ESTIMATED ACCURACY OF 0.2 FEET $\pm$, AND HARD (WELL DEFINED) FEATURES HAVE AN ESTIMATED ACCURACY OF 0.1 FEET $\pm$.

NOTES:
CROSS SECTIONS SHOWN HEREON WERE SCANNED FROM "CANAL CROSS SECTIONS SEBASTIAN RIVER BASIN FELLSMERE WATER CONTROL DISTRICT AND THE SEBASTIAN RIVER WATER CONTROL DISTRICT" PREPARED FOR ST. JOHNS RIVER WATER MANAGEMENT DISTRICT BY HERRERA, WILLIAMS, & POWELL ARCHITECTS, ENGINEERS, SURVEYORS, PLANNERS.
THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

NO.	REVISION	DATE
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FELLSMERE WATER CONTROL DISTRICT
P.O. BOX 438
FELLSMERE, FL 32948
(772) 571-0640 (772) 571-0203 (FAX)

DATE: OCTOBER 2003
PROJ. NO. 01-83E
DRAWN BY: KLY
APP'D. BY: GAS
DRAW. NO. E-1230-03
FILENAME: 01-83E.DWG
F. B. NO. FWCD 01-83-E, 1-62

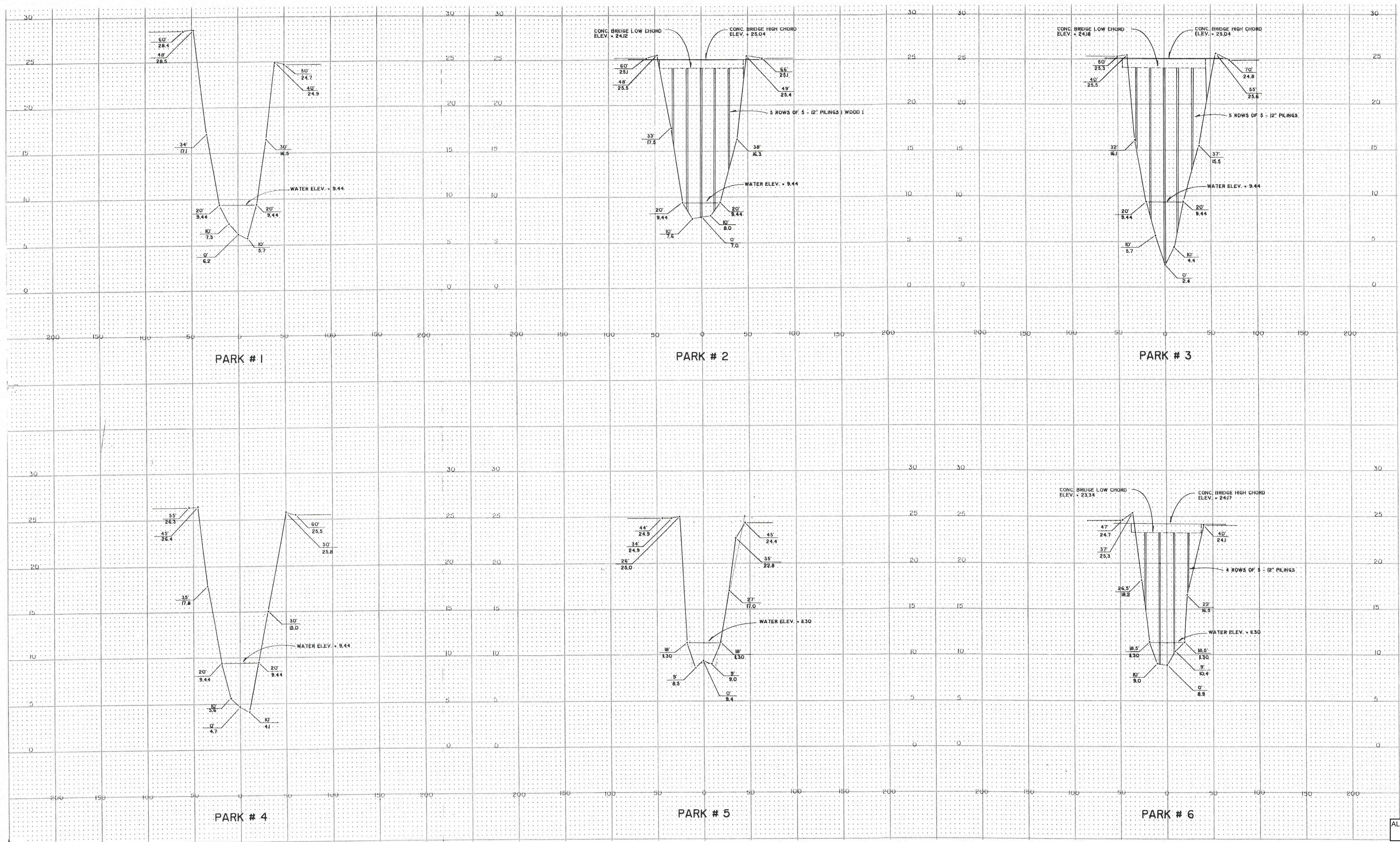
CARTER ASSOCIATES, INC.
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1708 21st STREET, VERO BEACH, FL 32960
PHONE: 772-562-4191 FAX: 772-562-7180

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SCALES:
HORIZ - 1" = 50'
VERT - 1" = 5'

FELLSMERE WATER CONTROL DISTRICT
EAST MASTER DRAINAGE PLAN
LATERAL U CANAL
CROSS SECTIONS

SHEET
C-48



ALL ELEVATIONS SHOWN ARE
N.G.V.D. 1929

VERTICAL DATUM NOTE:

THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929) AND ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF. SAID ELEVATIONS SHOWN ARE BASED ON A CLOSED DIFFERENTIAL LEVEL LOOP MEETING OR EXCEEDING ± 0.05 TIMES THE SQUARE ROOT OF THE DISTANCE OF THE LOOP IN MILES. GROUND ELEVATIONS SHOWN HEREON HAVE AN ESTIMATED ACCURACY OF 0.2 FEET $\pm$, AND HARD (WELL DEFINED) FEATURES HAVE AN ESTIMATED ACCURACY OF 0.1 FEET $\pm$.

NOTES:

CROSS SECTIONS SHOWN HEREON WERE SCANNED FROM "CANAL CROSS SECTIONS SEBASTIAN RIVER BASIN FELLSMERE WATER CONTROL DISTRICT AND THE SEBASTIAN RIVER WATER CONTROL DISTRICT" PREPARED FOR ST. JOHNS RIVER WATER MANAGEMENT DISTRICT BY HERRERA, WILLIAMS, & POWELL ARCHITECTS, ENGINEERS, SURVEYORS, PLANNERS. THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

NO.	REVISION	DATE
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FELLSMERE WATER CONTROL DISTRICT
P.O. BOX 438
FELLSMERE, FL 32948
(772) 571-0640 (772) 571-0203 (FAX)

DATE: OCTOBER 2003
PROJ. NO. 01-83E
DRAWN BY: KLY
APPD. BY: GAS
DRAW. NO. E-1230-03
FILENAME: 01-83E.DWG
F.B. NO. FWCD 01-83-E, 1-62

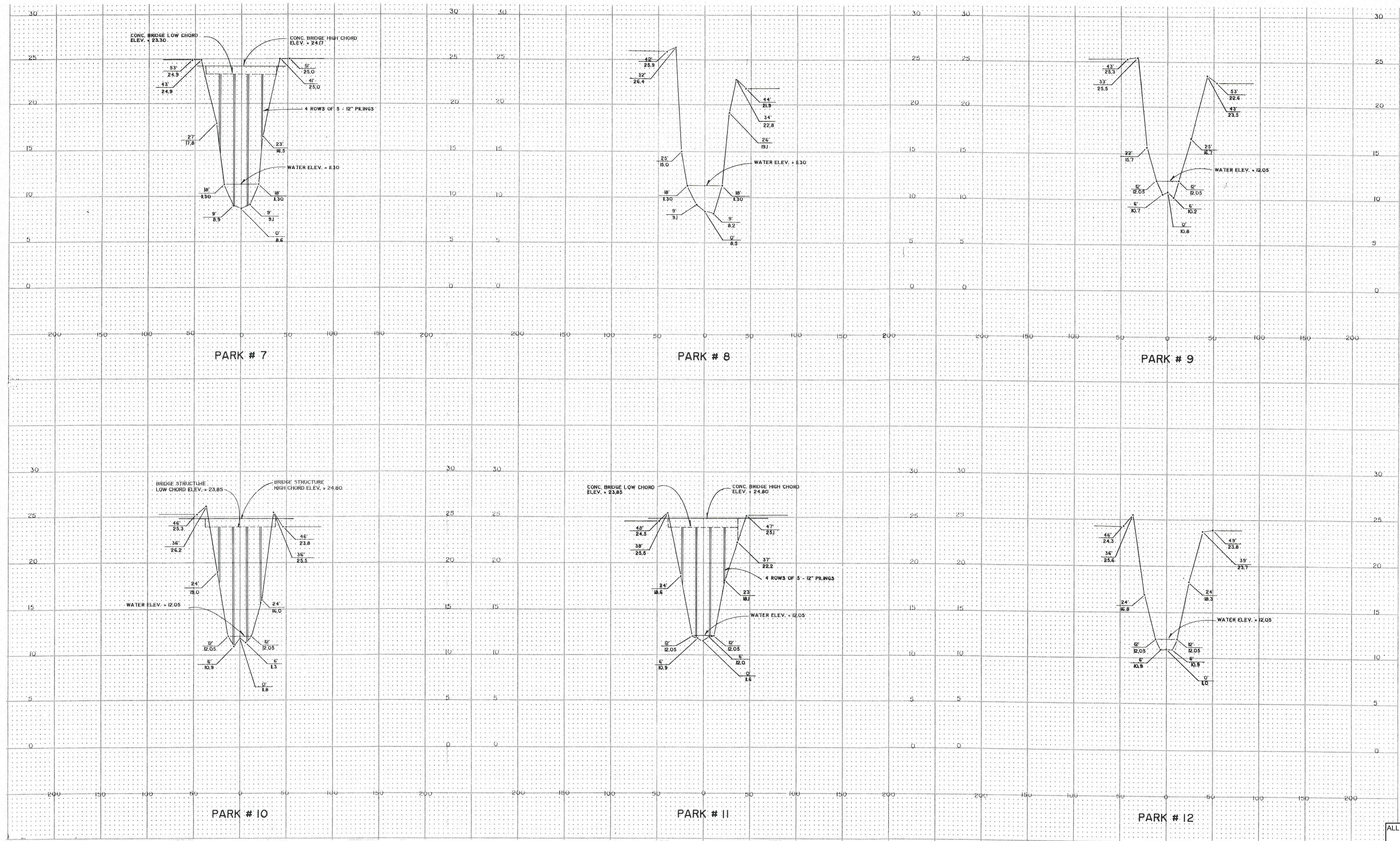
CARTER ASSOCIATES, INC.
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1708 21st STREET, VERO BEACH, FL 32960
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SCALES:
HORIZ - 1" = 50'
VERT - 1" = 5'

FELLSMERE WATER CONTROL DISTRICT
EAST MASTER DRAINAGE PLAN
PARK LATERAL CANAL
CROSS SECTIONS

SHEET
C-49



ALL ELEVATIONS SHOWN ARE
N.G.V.D. 1929

VERTICAL DATUM NOTE:

THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929) AND ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF. SAID ELEVATIONS SHOWN ARE BASED ON A CLOSED DIFFERENTIAL LEVEL LOOP MEETING OR EXCEEDING +/-0.05 TIMES THE SQUARE ROOT OF THE DISTANCE OF THE LOOP IN MILES. GROUND ELEVATIONS SHOWN HEREON HAVE AN ESTIMATED ACCURACY OF 0.2 FEET +/-, AND HARD (WELL DEFINED) FEATURES HAVE AN ESTIMATED ACCURACY OF 0.1 FEET +/-.

NOTES:
CROSS SECTIONS SHOWN HEREON WERE SCANNED FROM "CANAL CROSS SECTIONS SEBASTIAN RIVER BASIN
FELLSMERE WATER CONTROL DISTRICT AND THE SEBASTIAN RIVER WATER CONTROL DISTRICT" PREPARED FOR
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT BY HERRERA, WILLIAMS, & POWELL ARCHITECTS, ENGINEERS,
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NO.	REVISION	DATE
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FELLSMERE WATER CONTROL DISTRICT
P.O. BOX 438
FELLSMERE, FL 32948
(772) 571-0640 (772) 571-0203 (FAX)

DATE: OCTOBER 2003
PROJ. NO. 01-83E
DRAWN BY: KLY
APPD. BY: GAS
DRAW. NO. E-1230-03
FILENAME: 01-83E.DWG
F. B. NO. FWCD 01-83-E, 1-62

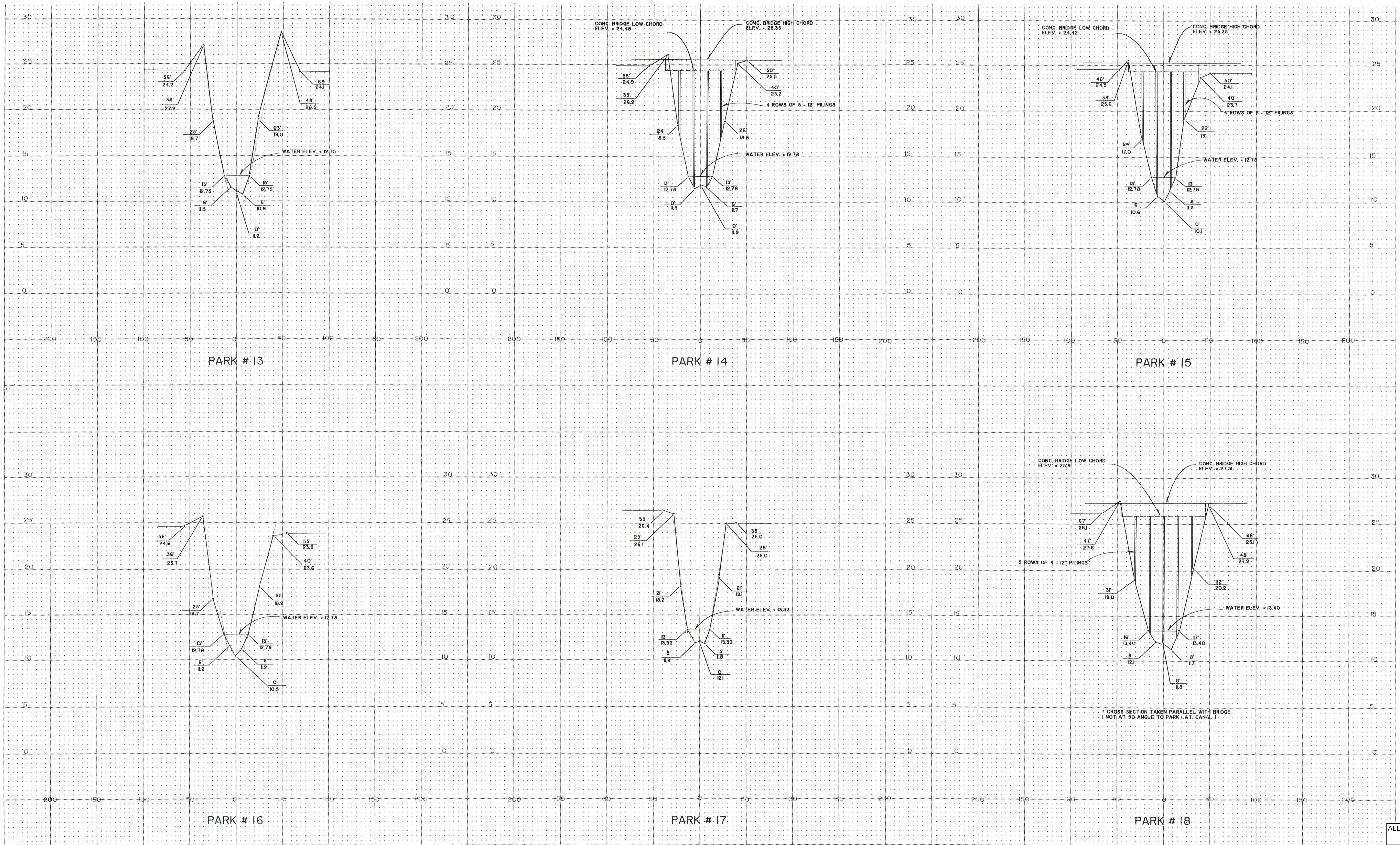
CARTER ASSOCIATES, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
1708 21st STREET, VERO BEACH, FL 32960
PHONE: 772-562-4191 FAX: 772-562-7180

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SCALES:
HORIZ - 1"=50'
VERT - 1"=5'

FELLSMERE WATER CONTROL DISTRICT
EAST MASTER DRAINAGE PLAN
PARK LATERAL CANAL
CROSS SECTIONS

SHEET
C-50



ALL ELEVATIONS SHOWN ARE
N.G.V.D. 1929

VERTICAL DATUM NOTE:
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NOTES:
CROSS SECTIONS SHOWN HEREON WERE SCANNED FROM "CANAL CROSS SECTIONS SEBASTIAN RIVER BASIN FELLSMERE WATER CONTROL DISTRICT AND THE SEBASTIAN RIVER WATER CONTROL DISTRICT" PREPARED FOR ST. JOHNS RIVER WATER MANAGEMENT DISTRICT BY HERRERA, WILLIAMS, & POWELL ARCHITECTS, ENGINEERS, SURVEYORS, PLANNERS.
THIS SURVEY CONSISTS OF THE COVER SHEET AND SHEETS C-0 THROUGH C-54 AND SHALL NOT BE CONSIDERED COMPLETE UNLESS ALL SHEETS ARE PRESENT.

NO.	REVISION	DATE
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FELLSMERE WATER CONTROL DISTRICT
P.O. BOX 438
FELLSMERE, FL 32948
(772) 571-0640 (772) 571-0203 (FAX)

DATE: OCTOBER 2003
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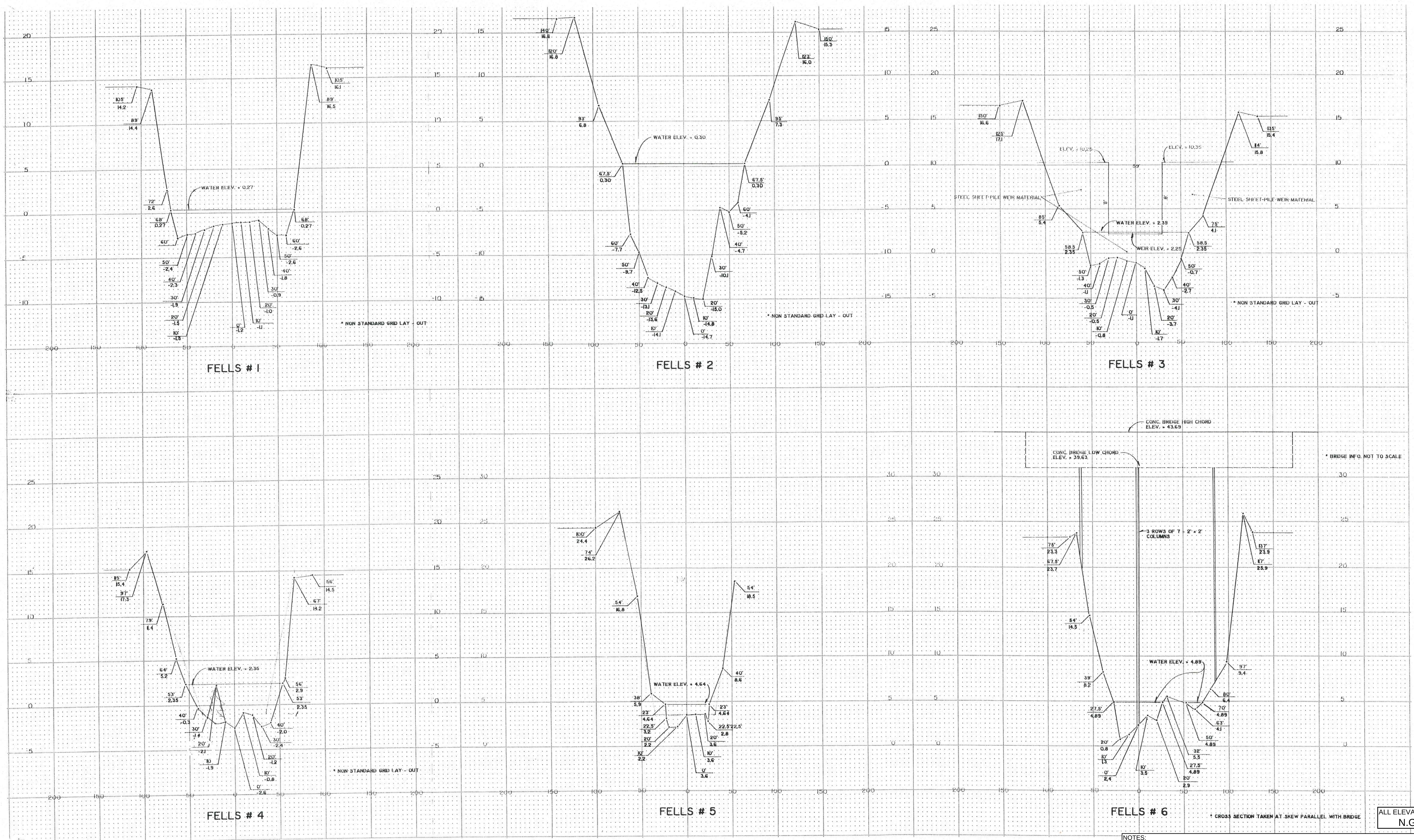
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SCALES:
HORIZ - 1"=50'
VERT - 1"=5'

FELLSMERE WATER CONTROL DISTRICT
EAST MASTER DRAINAGE PLAN
PARK LATERAL CANAL
CROSS SECTIONS

SHEET
C-51

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VERTICAL DATUM NOTE:
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P.O. BOX 438
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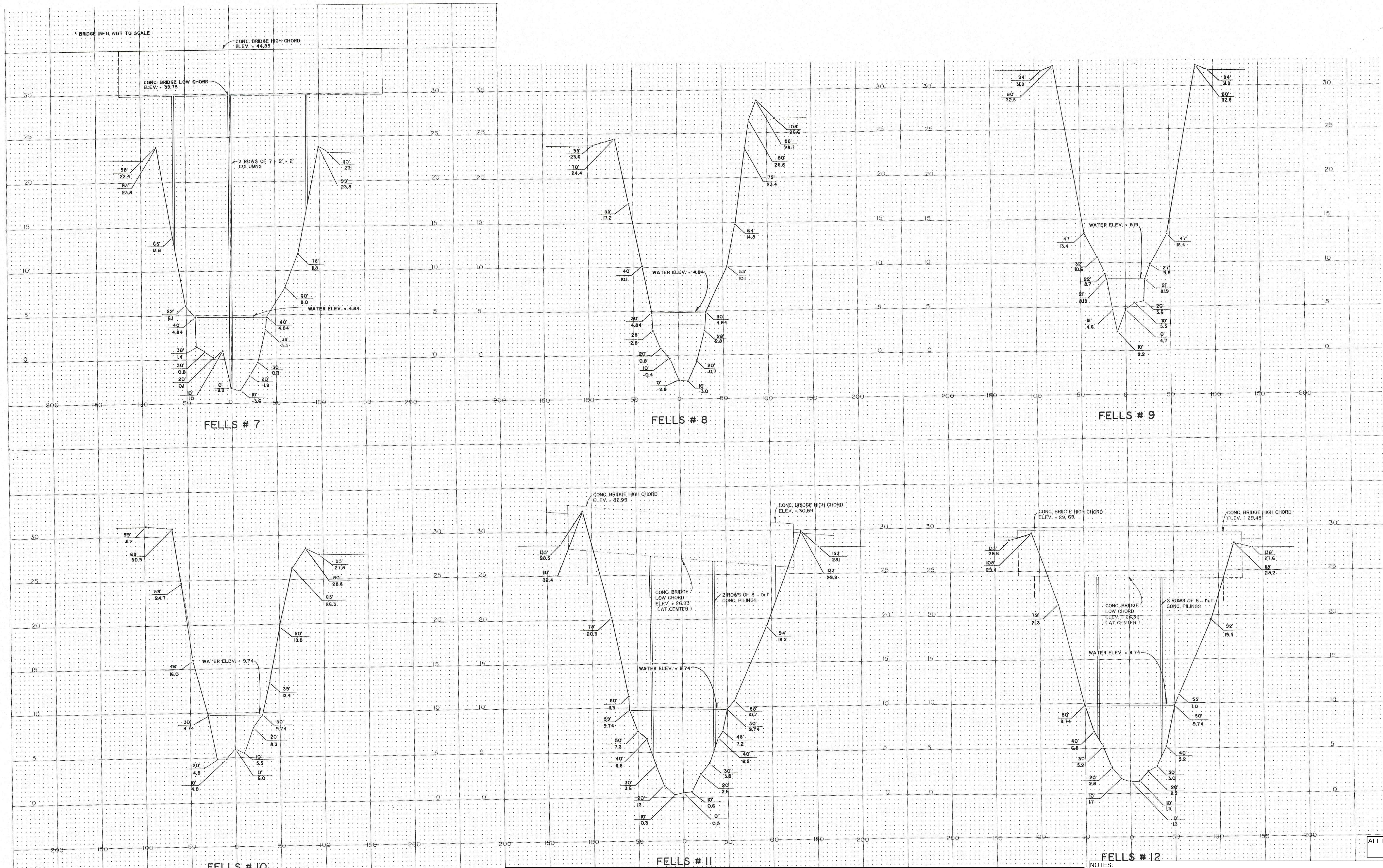
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SCALES:
HORIZ - 1"=50'
VERT - 1"=5'

FELLSMERE WATER CONTROL DISTRICT
EAST MASTER DRAINAGE PLAN
MAIN CANAL
CROSS SECTIONS

SHEET
C-52



ALL ELEVATIONS SHOWN ARE
N.G.V.D. 1929

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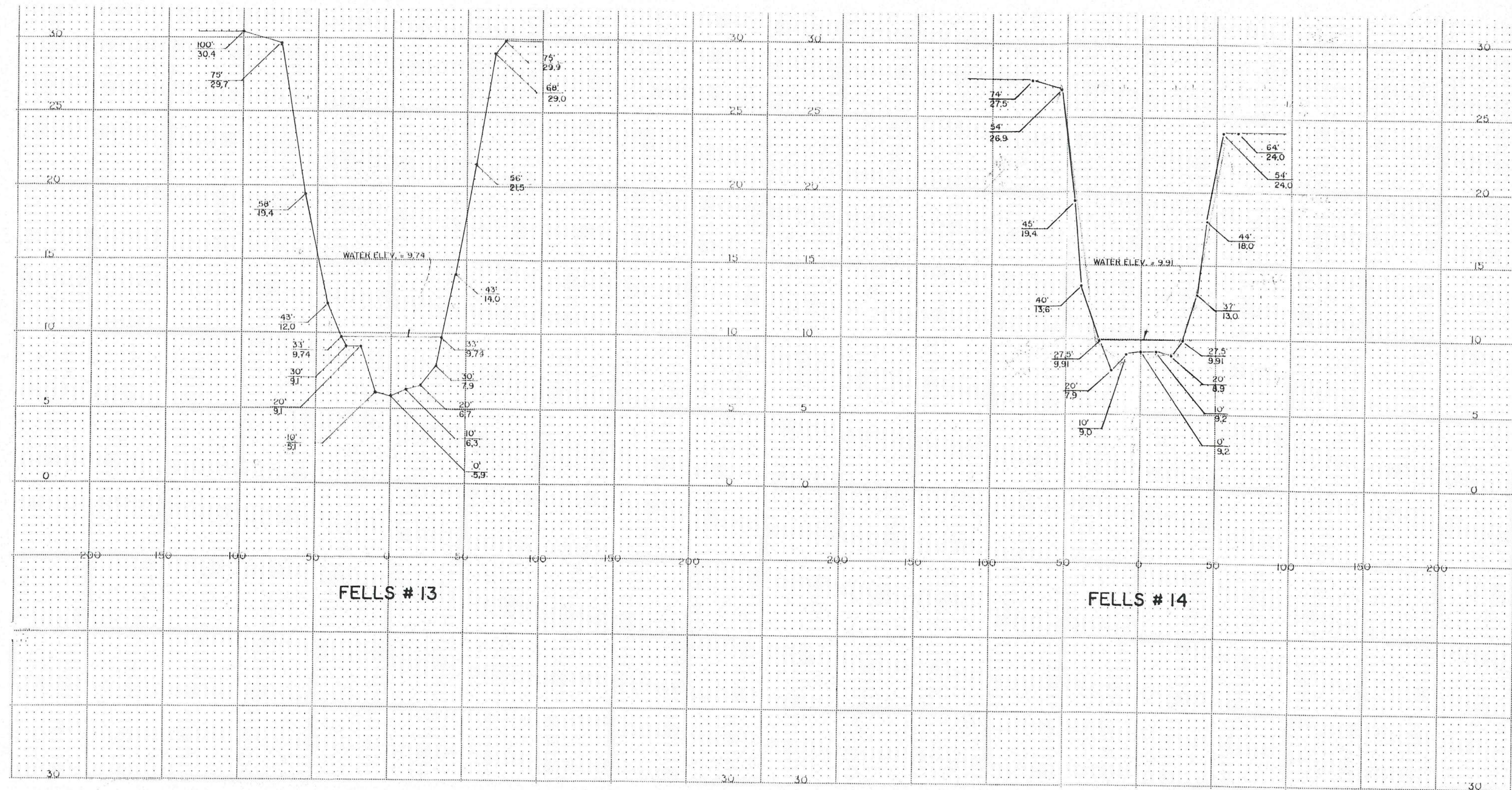
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SCALES:
HORIZ - 1" = 50'
VERT - 1" = 5'

FELLSMERE WATER CONTROL DISTRICT
EAST MASTER DRAINAGE PLAN
MAIN CANAL
CROSS SECTIONS

SHEET
C-53

S:\P01-830\dwg\SHTS\44-4.dwg, 4th, 10/31/2003 10:45:03 AM, CMP



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FELLSMERE WATER CONTROL DISTRICT
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MAIN CANAL
CROSS SECTIONS

SHEET
C-54