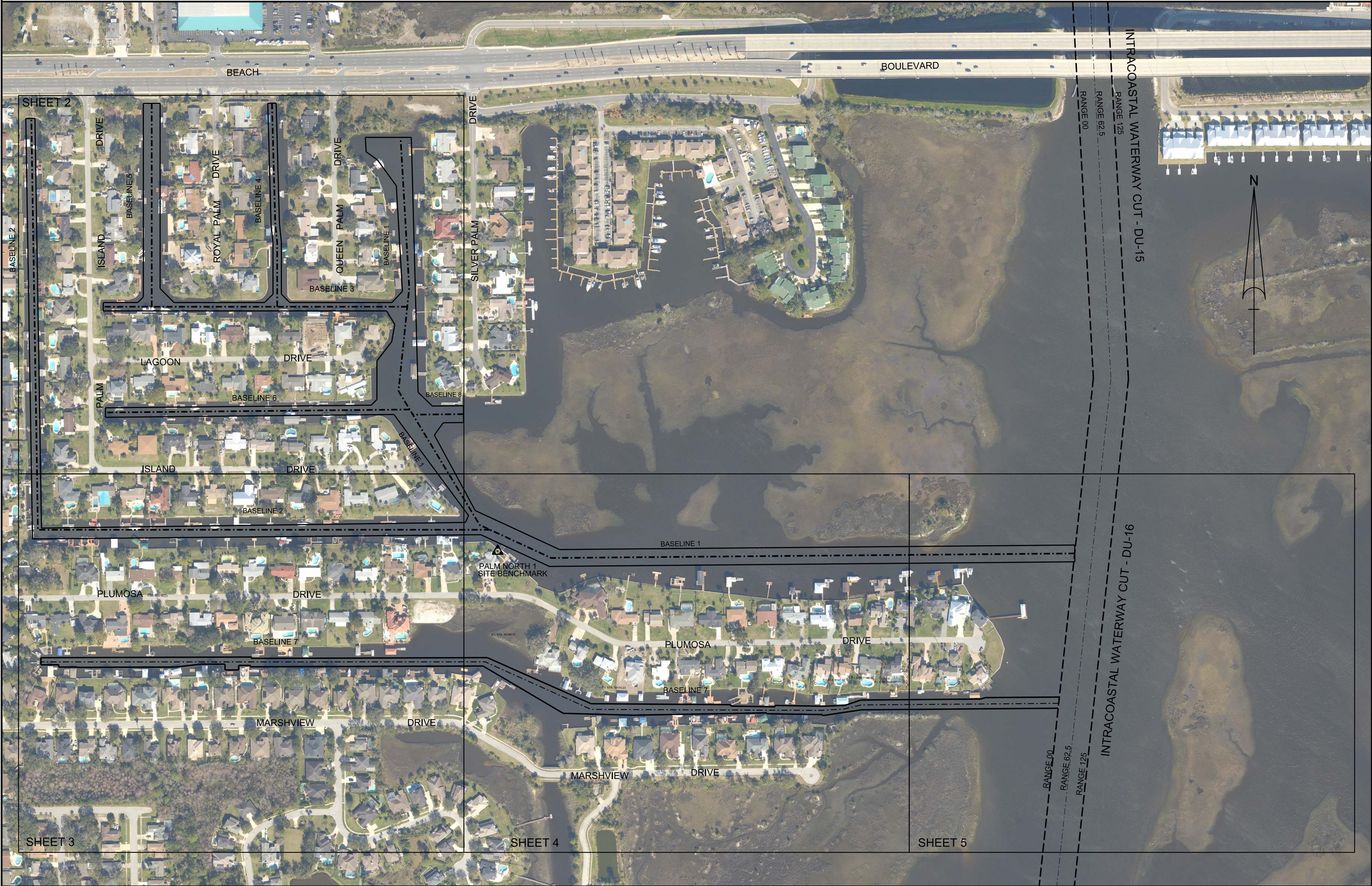
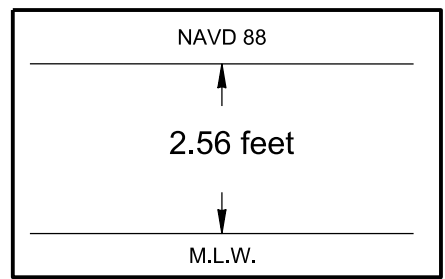


A MAP SHOWING A HYDROGRAPHIC SURVEY OF
A PORTION OF ISLE OF PALMS NORTH CANAL SYSTEM
LOCATED IN DUVAL COUNTY, FLORIDA



LEGEND/ABBREVIATIONS

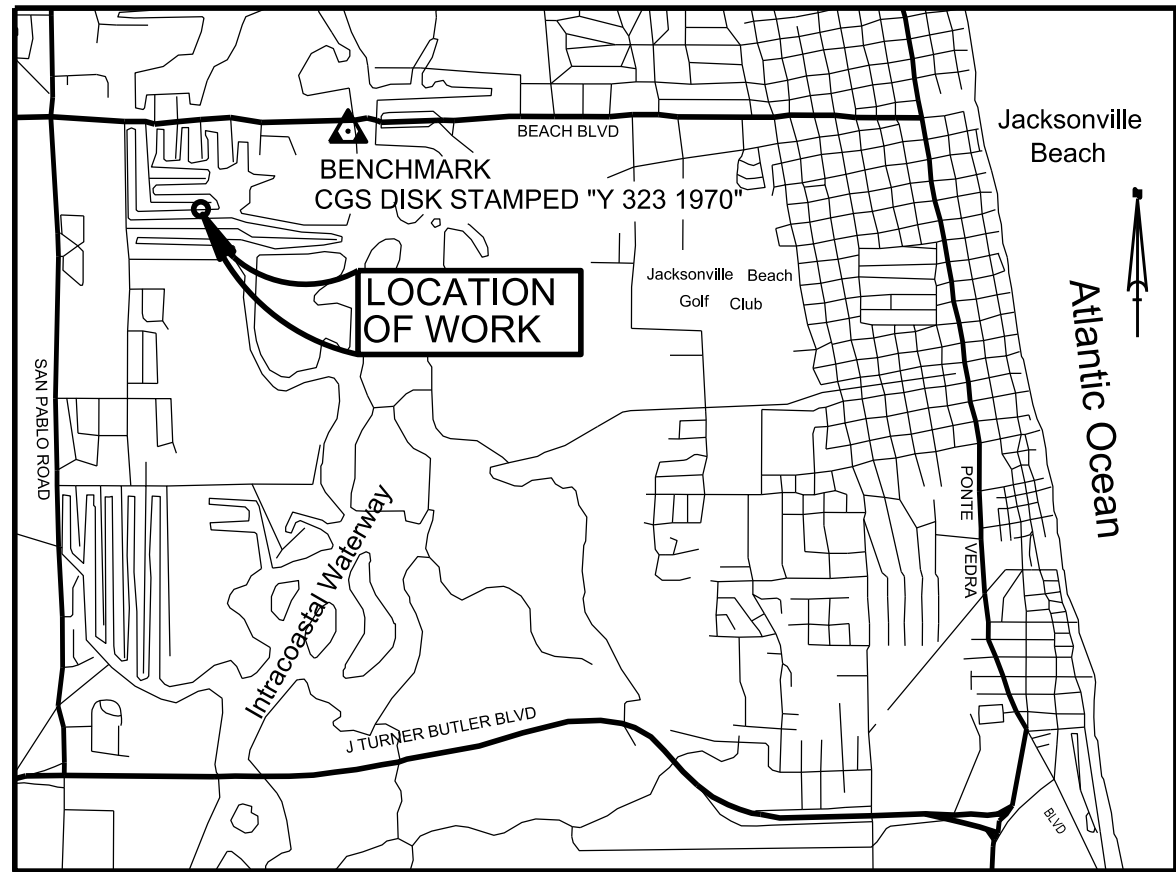
- = CHANNEL CENTERLINE
——— = CHANNEL TOE
- MLW = MEAN LOW WATER
NO. = NUMBER
P.I. = POINT OF INTERSECTION
POB = POINT OF BEGINNING
STA. = STATION
NAVD 88 = NORTH AMERICAN VERTICAL DATUM 1988
ELEV. = ELEVATION
CGS = COASTAL GEODETIC SURVEY



Relationship between NAVD 88
and Mean Low Water

BENCHMARKS	NAVD88 ELEV. (FT)	PLANE COORDINATES		DESCRIPTION
		X	Y	
Y 323	15.82	528,089.59	2,165,028.44	CGS BRASS DISK IN CONCRETE STAMPED Y 323 1970
PALM NORTH 1	4.60	521,064.20	2,163,201.96	SET 1/2" IRON PIPE W/ CAP LB# 6488

Richard J. Sawyer
Professional Surveyor and Mapper No. 6131
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED
SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

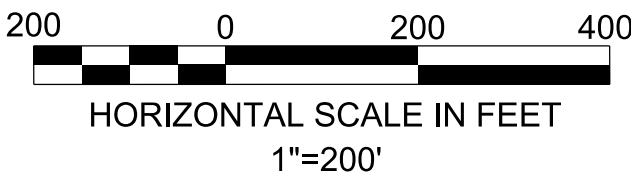
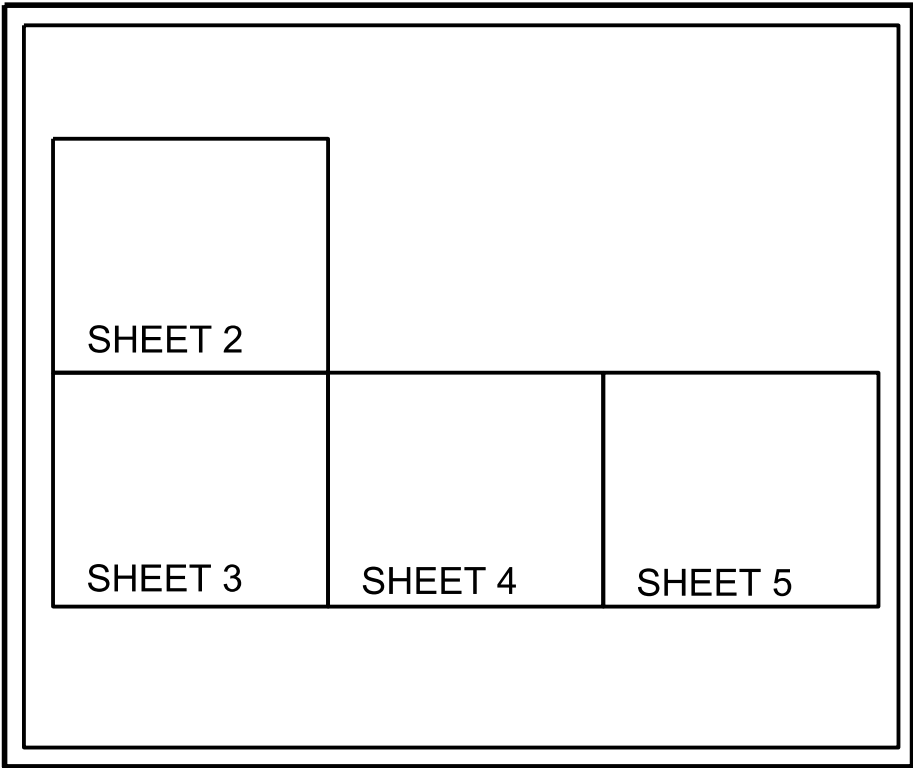


VICINITY MAP
NOT TO SCALE

SURVEY NOTES:

- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983/88, STATE PLANE COORDINATES, FLORIDA EAST ZONE.
 - VERTICAL DATUM: MEAN LOW WATER (MLW). SOUNDINGS ARE IN FEET AND TENTHS. MLW DATUM OBTAINED FROM LABINS POINT IDENTIFICATION NUMBER 3723.
 - UNITS: U.S. SURVEY FEET.
 - CONTOUR INTERVAL: 1 FOOT.
 - THIS HYDROGRAPHIC SURVEY WAS PERFORMED UTILIZING REAL-TIME KINEMATIC (RTK) GPS SURVEYING METHODS FOR HORIZONTAL POSITIONING.
 - SOUNDINGS WERE COLLECTED USING A TELEDYNE T20 MULTIBEAM SYSTEM. DATA PROCESSING WAS COMPLETED USING HYPACK HYSWEEP SOFTWARE.
 - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY PERFORMED ON THE DATE(S) LISTED BELOW AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
- | VESSEL | DATE OF SURVEY |
|------------|----------------|
| GREY WITCH | MAY 9-11, 2023 |
- SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS 1 HYDROGRAPHIC SURVEYS.
 - INTRACOASTAL CHANNEL LIMITS OBTAINED FROM A U.S. ARMY CORPS OF ENGINEERS MAP TITLED "INTRACOASTAL WATERWAY JACKSONVILLE TO MIAMI AND MIAMI TO KEY WEST. PROJECT CONDITION SURVEY 7, 10 & 12-FOOT PROJECT DEPTH". JOB NUMBER 04-021. NO ATTEMPT WAS MADE TO VERIFY THIS INFORMATION. IT IS NOT TO BE USED FOR NAVIGATION.
 - BACKGROUND PHOTOGRAPHY WAS OBTAINED FROM WWW.LABINS.ORG, DATED 2017.
 - SURVEY BASELINES AND TEMPLATE REVISIONS PER CLIENT MARKUPS, JULY 22, 2021

SHEET INDEX



Project Title:

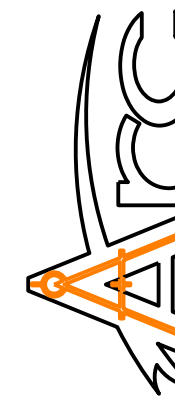
Isle of Palms North
Hydrographic After-Dredge Survey

Prepared For:

Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

Arc Surveying & Mapping, Inc.

Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.394.8377



LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 1 OF: 18



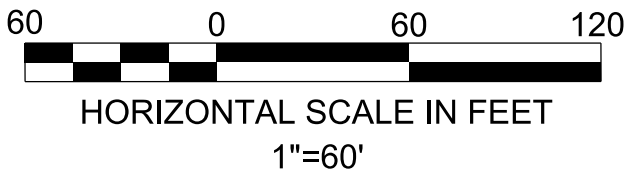
SHEET INDEX

SHEET 2			
SHEET 3	SHEET 4	SHEET 5	

LEGEND/ABBREVIATIONS

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NGVD	= NATIONAL GEODETIC VERTICAL DATUM
ELEV.	= ELEVATION

- NOTES:
1. REFER TO SURVEY NUMBER 22-320.
 2. SEE SHEET NO.1 FOR SURVEY NOTES.



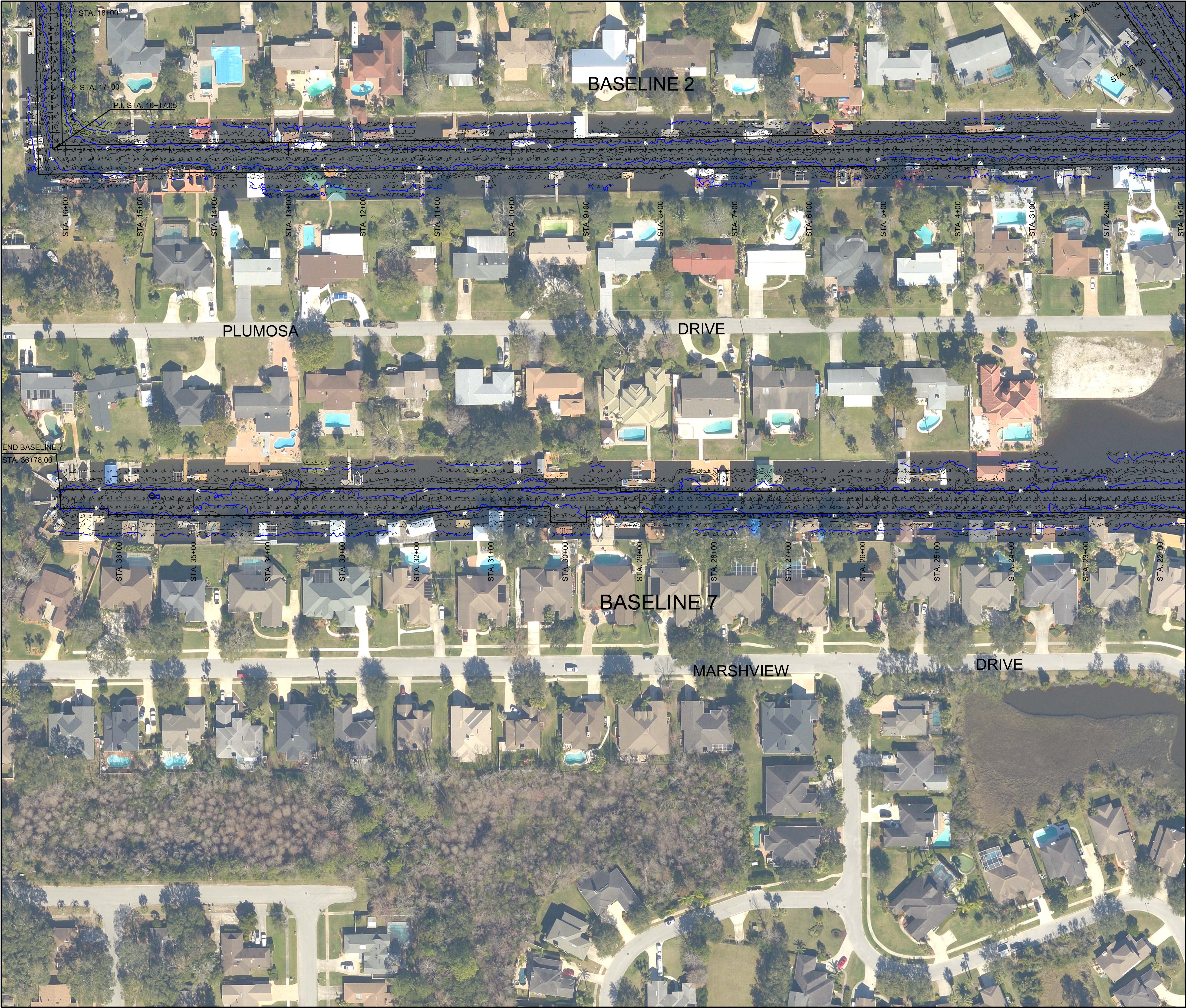
DATE	BY	REVISION

Project Title:
Isle of Palms North
Hydrographic After-Dredge Survey

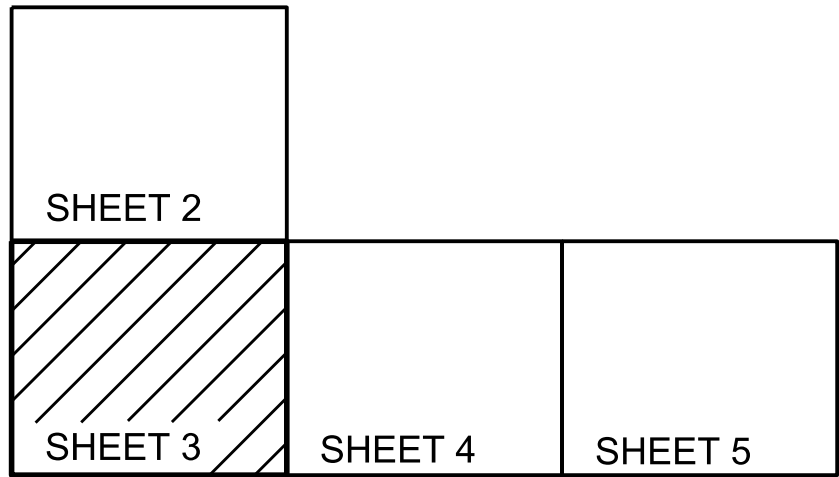
Prepared For:
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File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 2 OF: 18



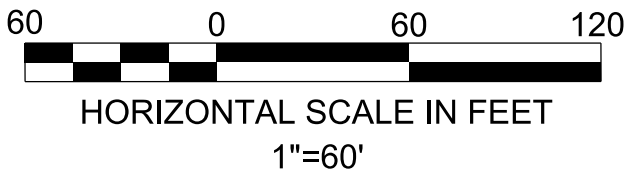
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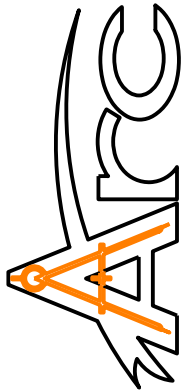


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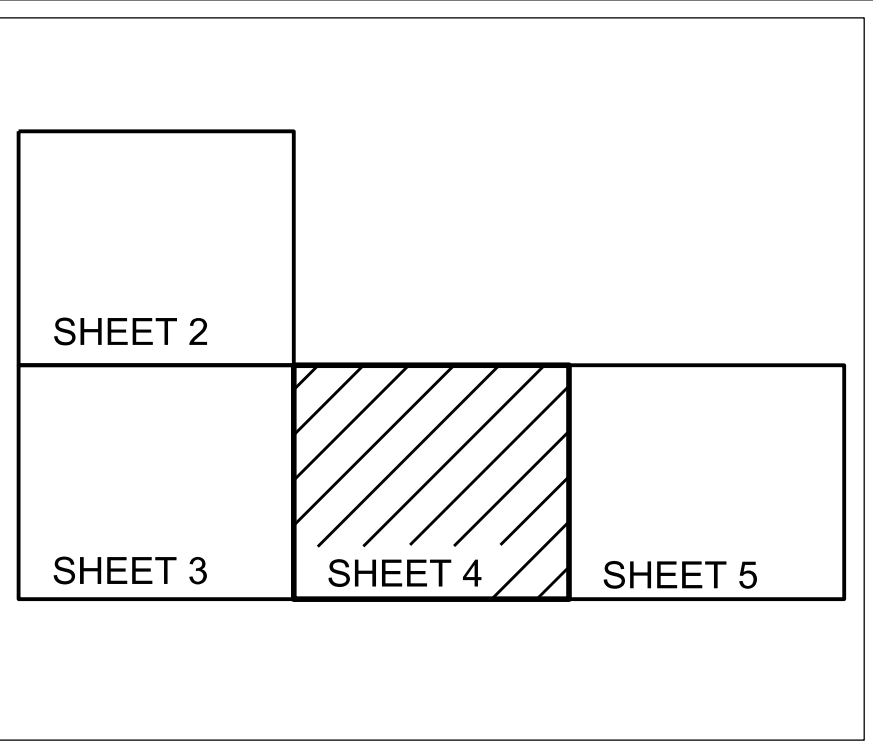
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LB No. 6487
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Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 3 OF: 18



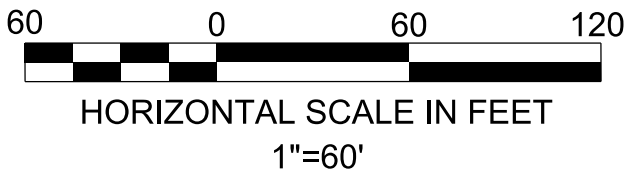
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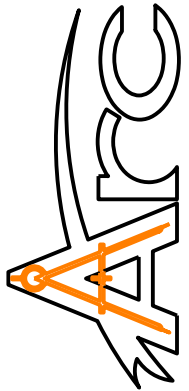


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Jacksonville, FL 32202

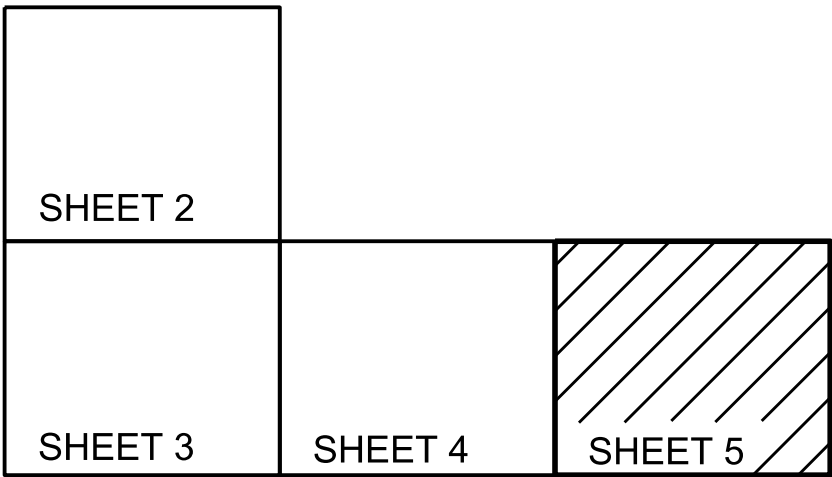
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Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 4 OF: 18



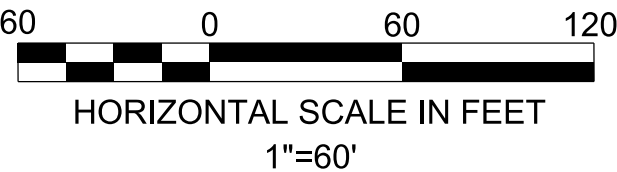
SHEET INDEX



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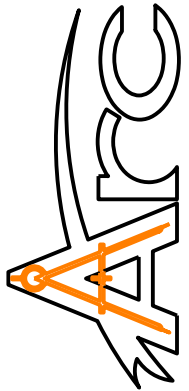
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DATE	BY	REVISION

Project Title:	Isle of Palms North Hydrographic After-Dredge Survey
Prepared For:	Isle of Palms Special District 501 Riverside Avenue Jacksonville, FL 32202

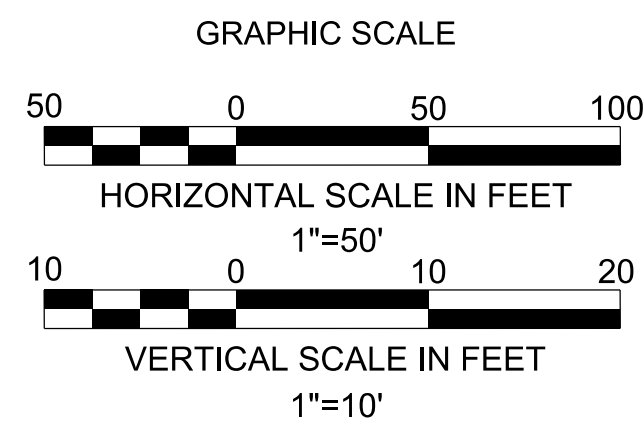
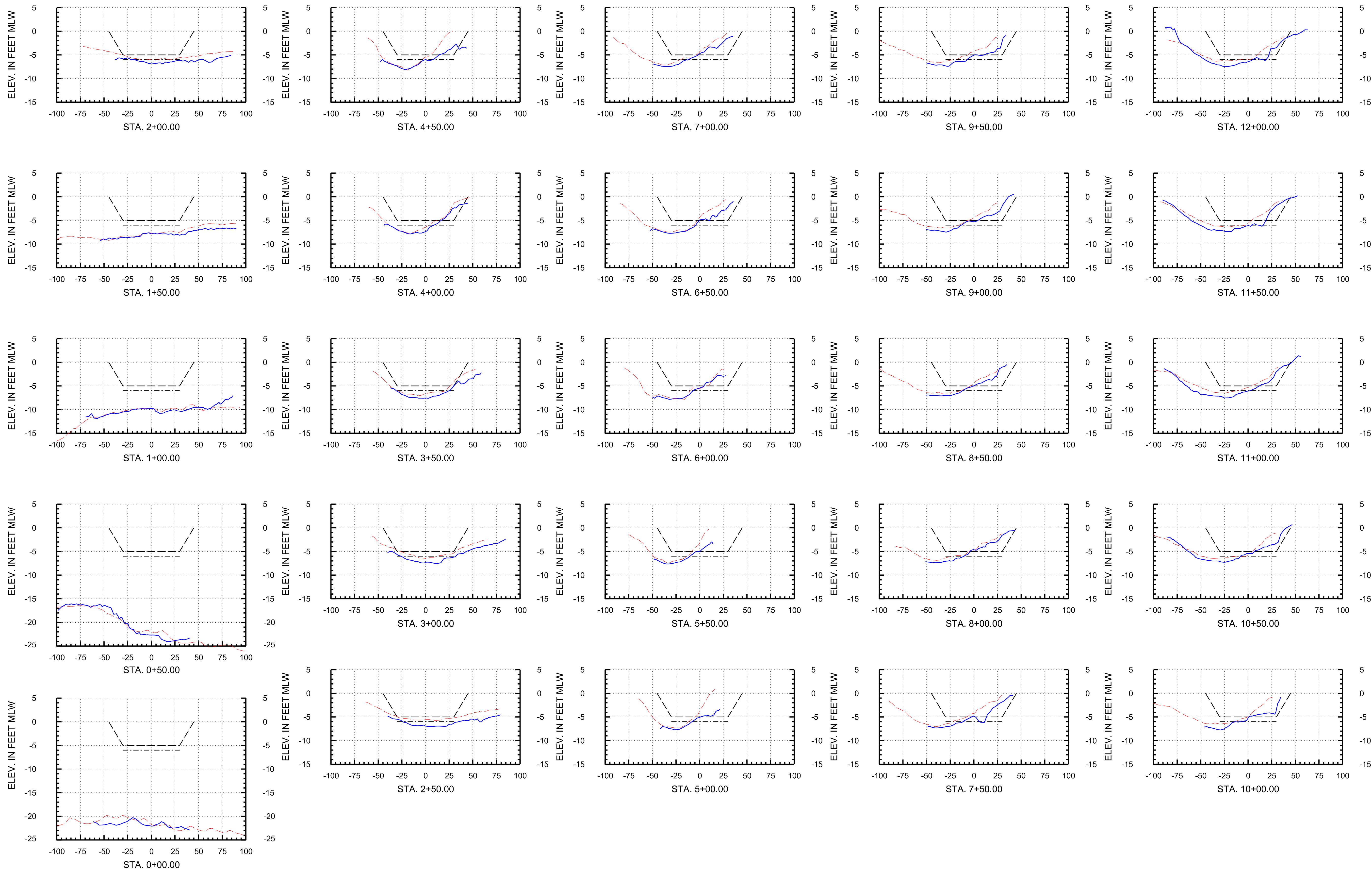
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LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 5 OF: 18

Baseline 1



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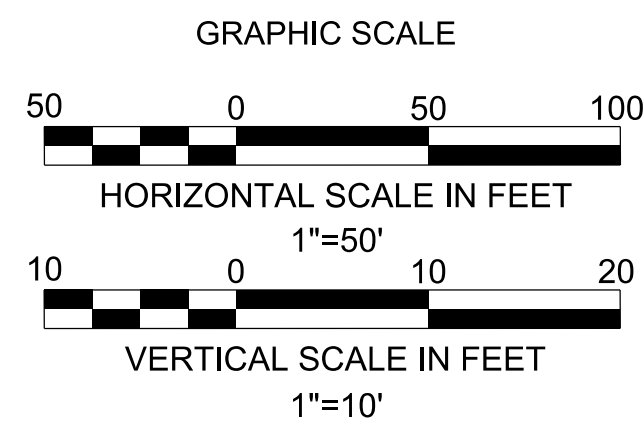
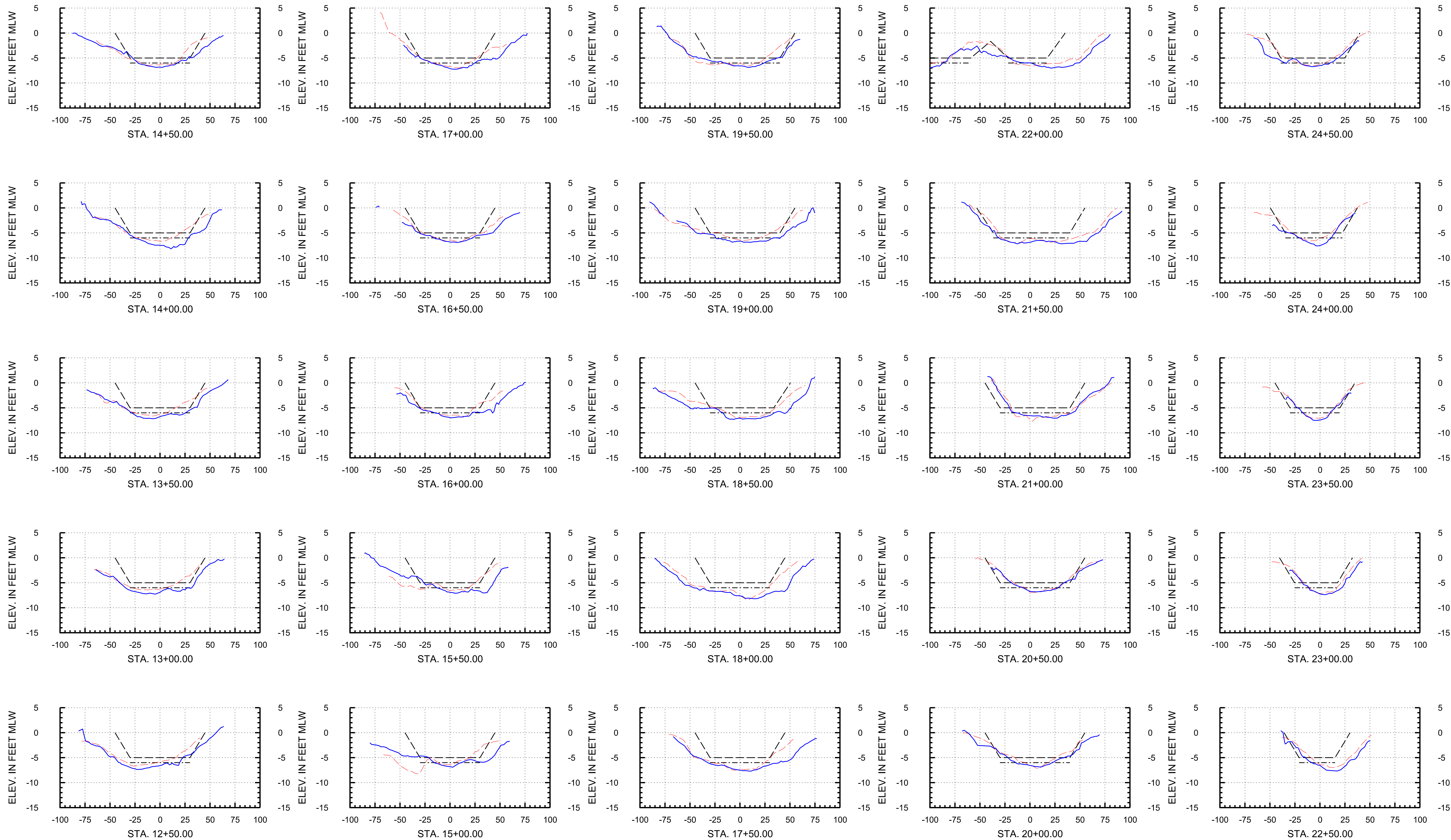
Project Title:
Isle of Palms North
Hydrographic After-Dredge Survey

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DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 6 OF: 18

Baseline 1



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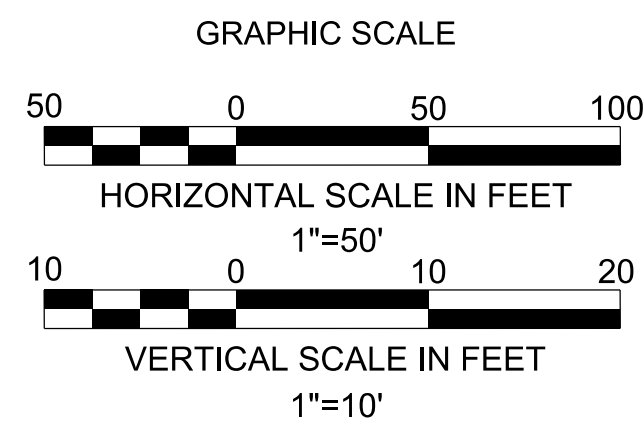
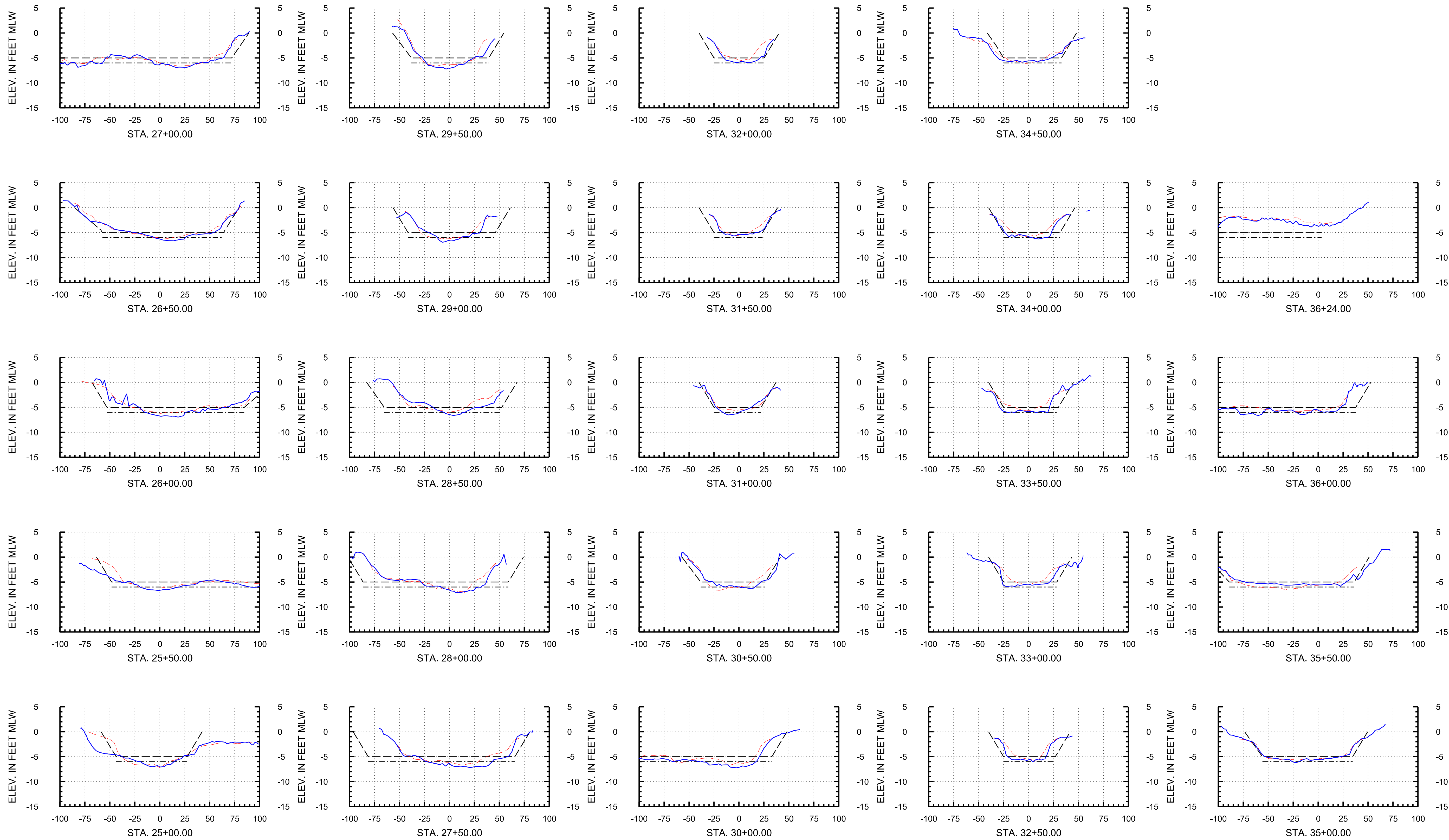
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Plot Date: 05/15/23
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Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 7 OF: 18

Baseline 1



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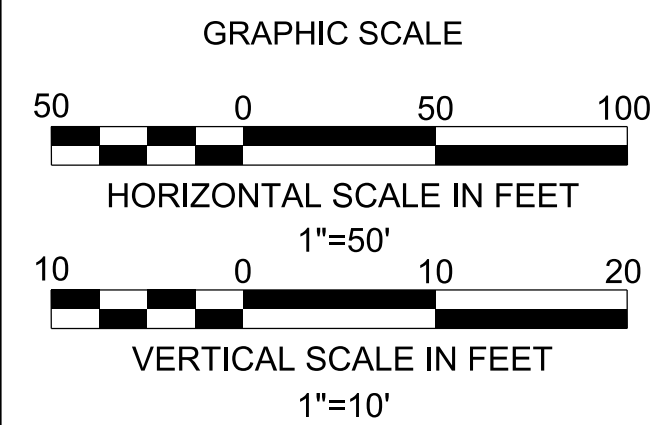
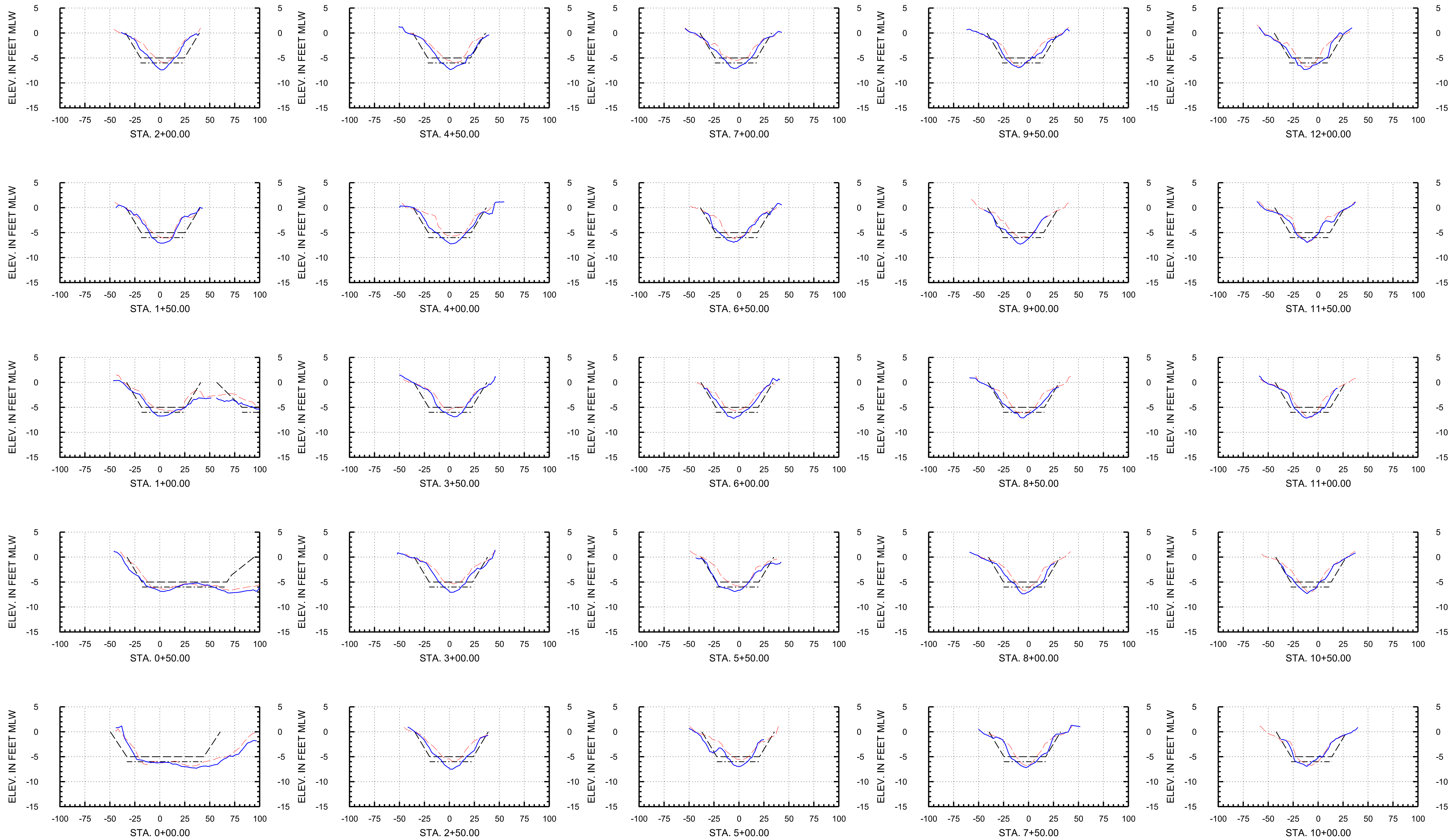
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Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 8 OF: 18

Baseline 2



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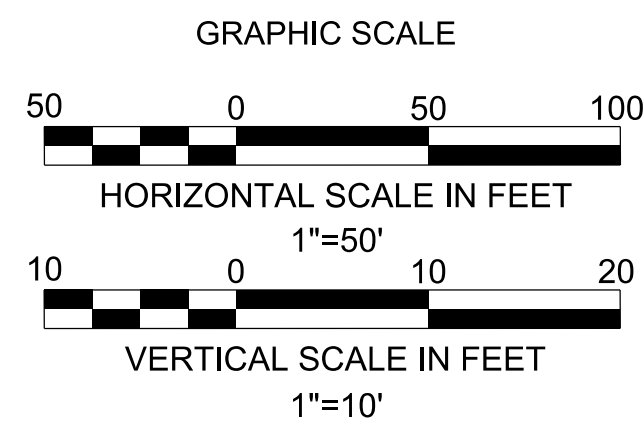
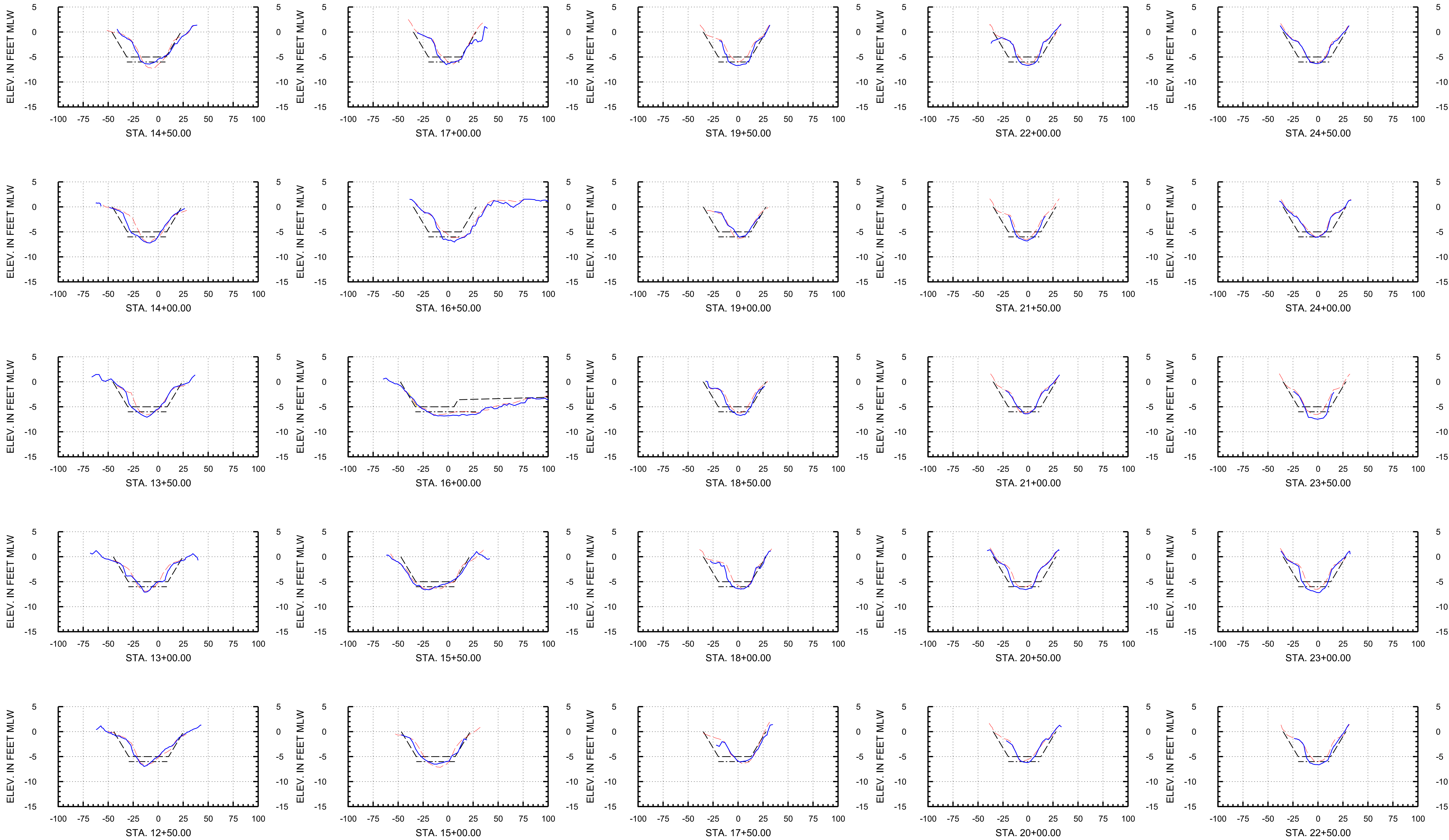
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LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 9 OF: 18

Baseline 2



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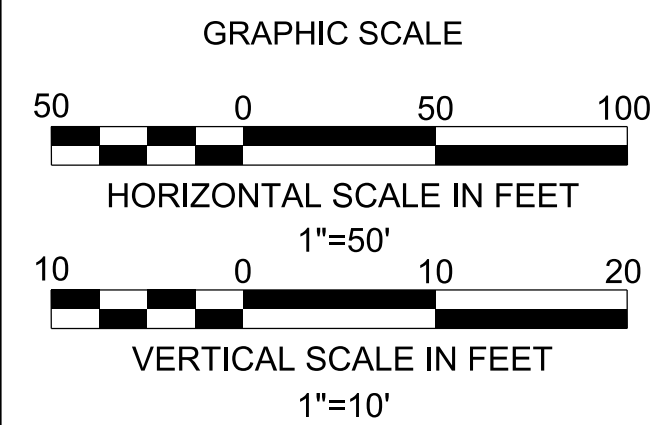
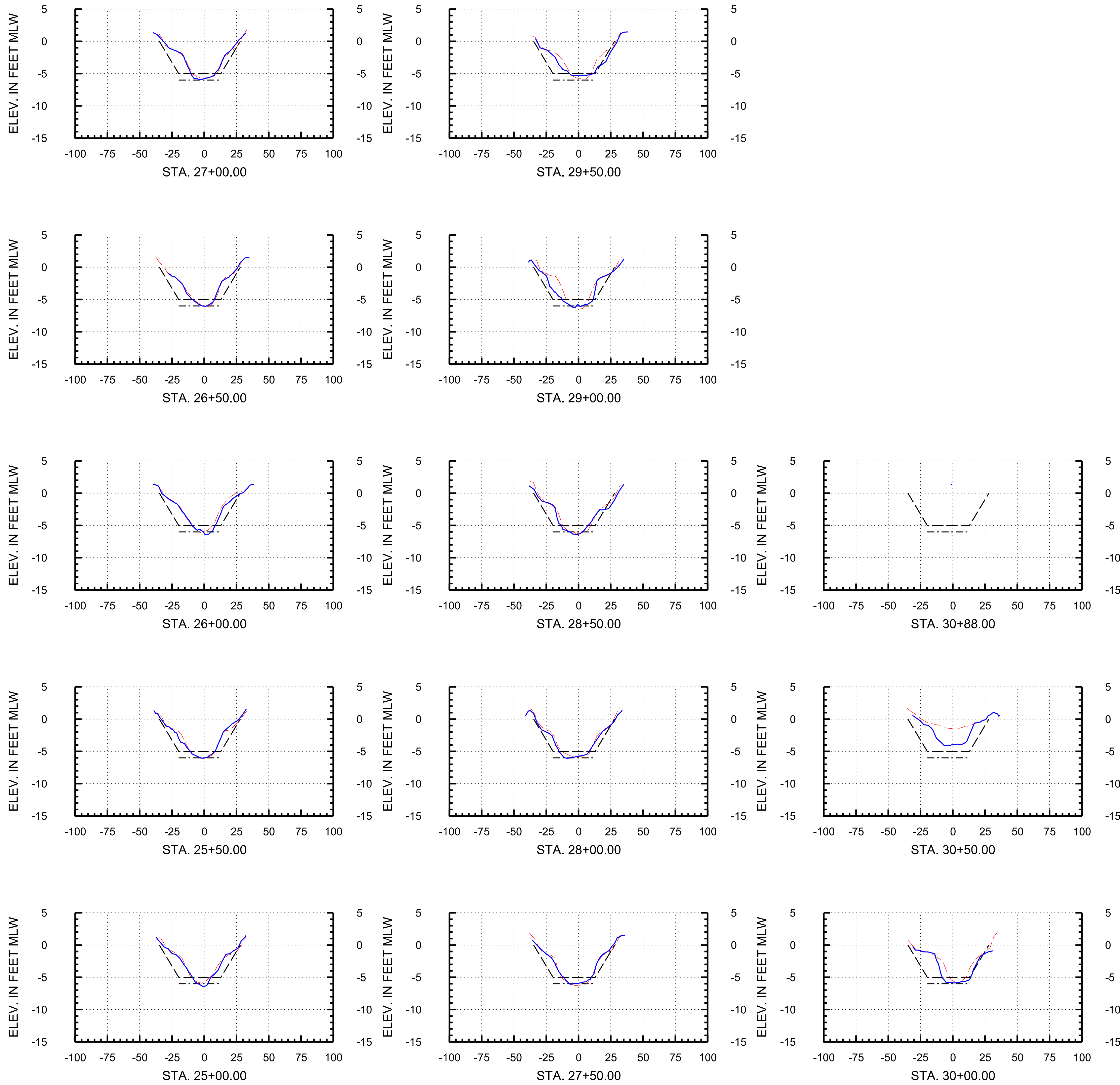
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Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 10 OF: 18

Baseline 2



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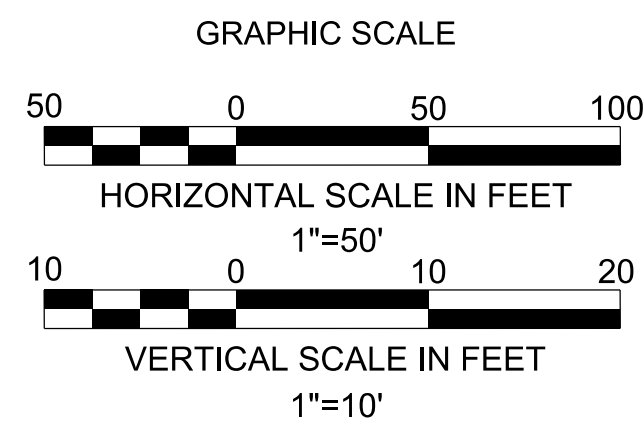
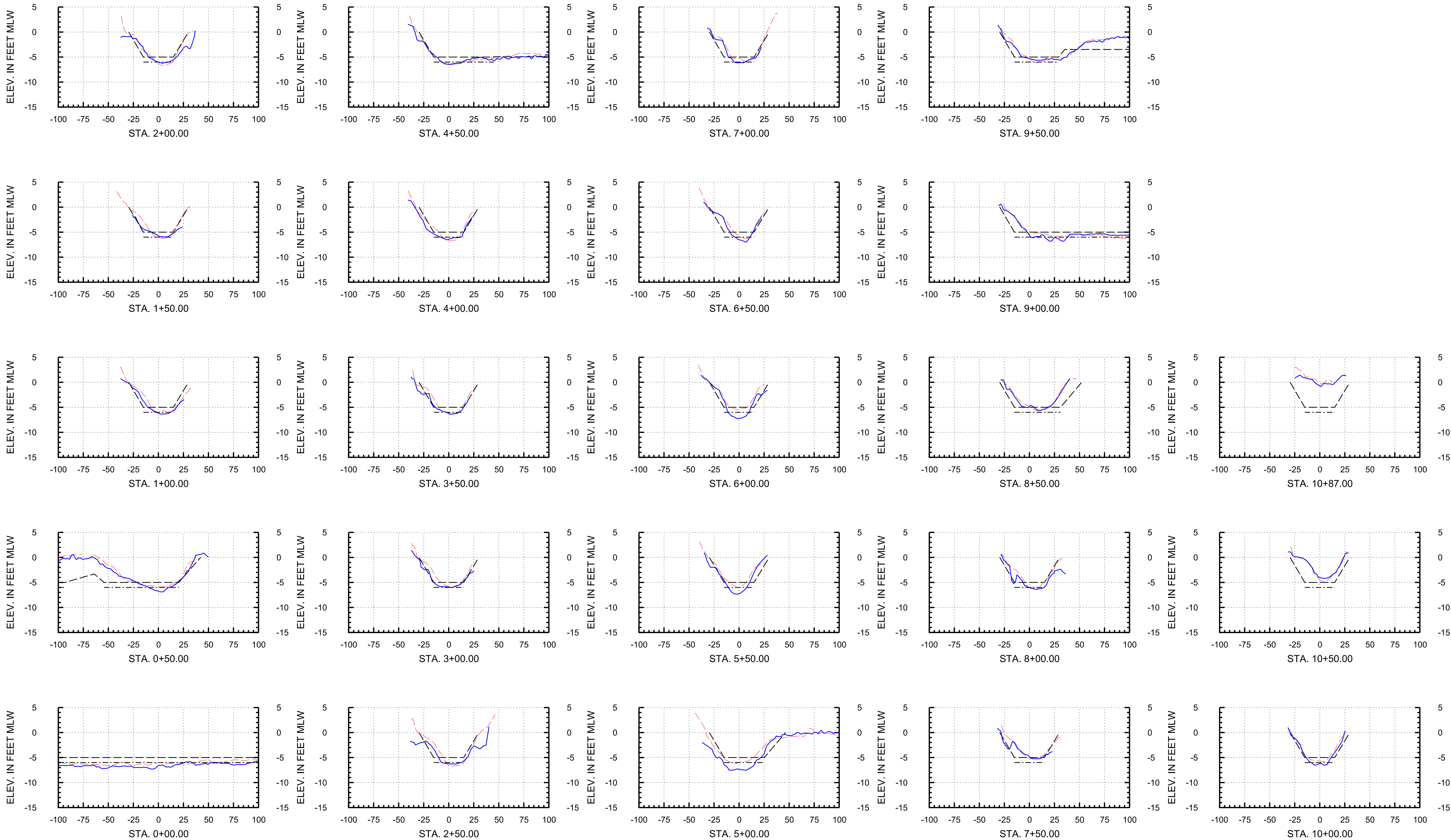
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Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 11 OF: 18

Baseline 3



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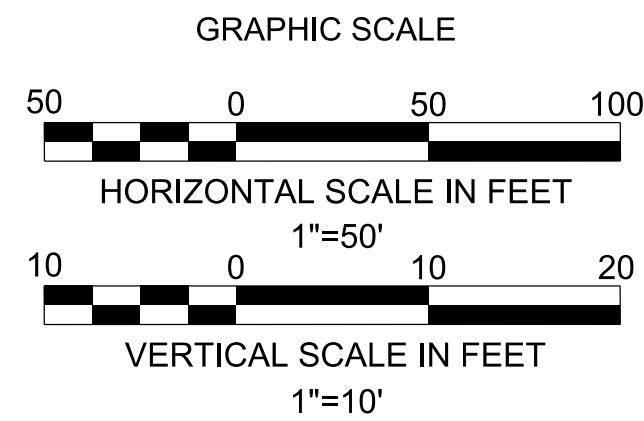
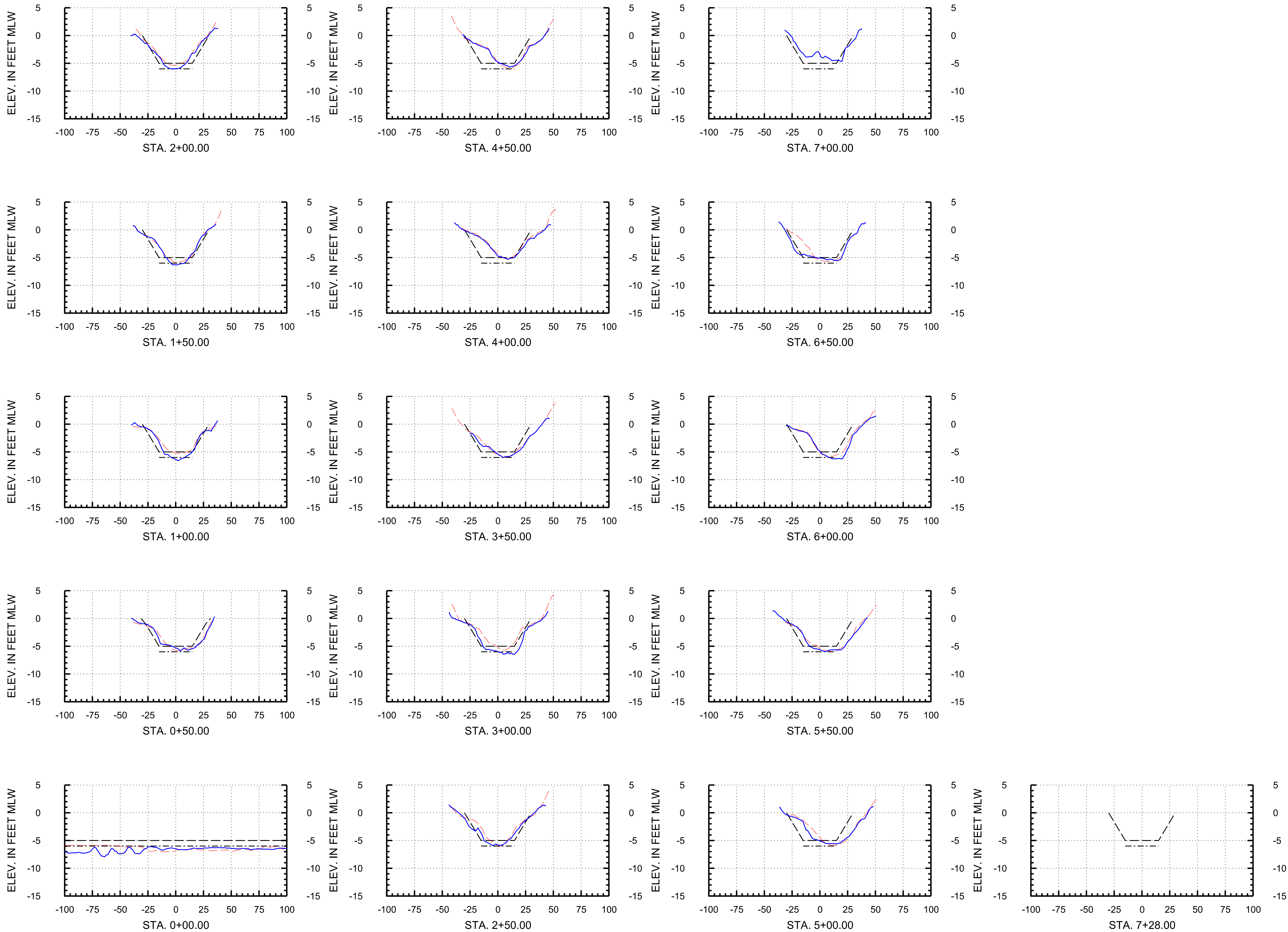
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Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 12 OF: 18

Baseline 4



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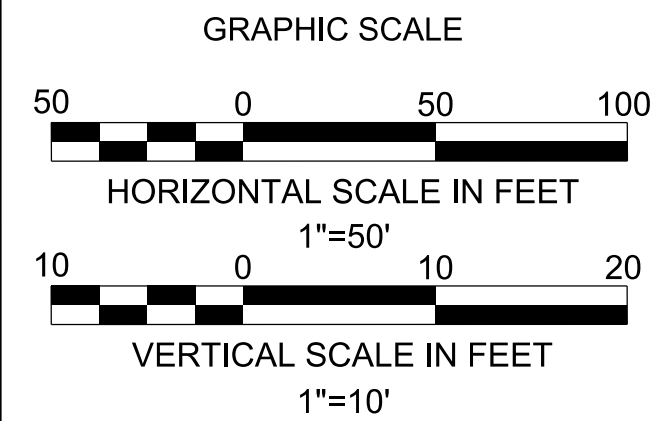
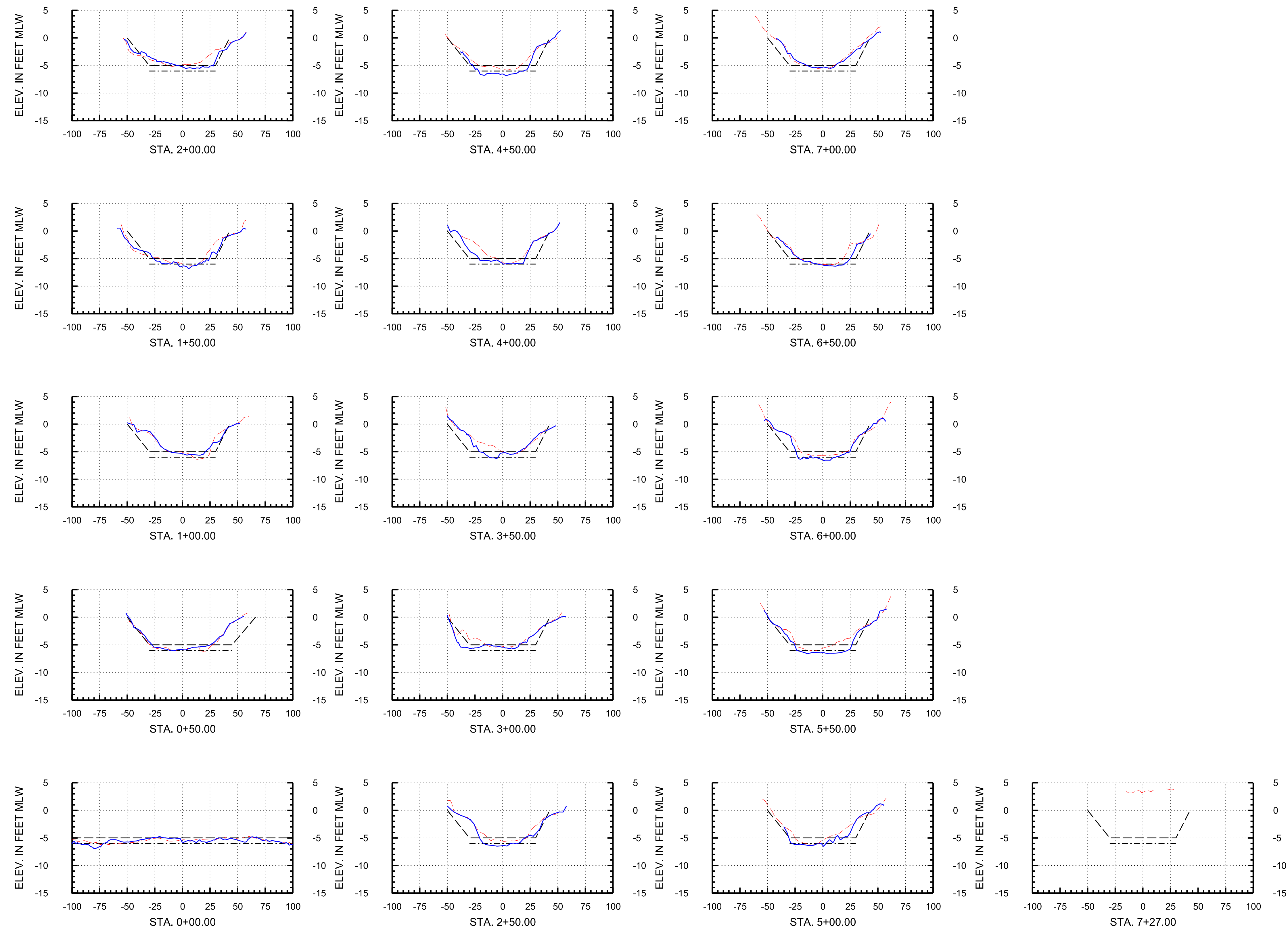
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Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 13 OF: 18

Baseline 5



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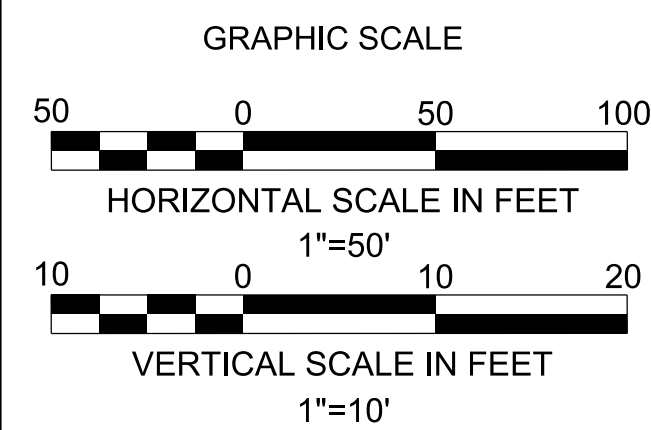
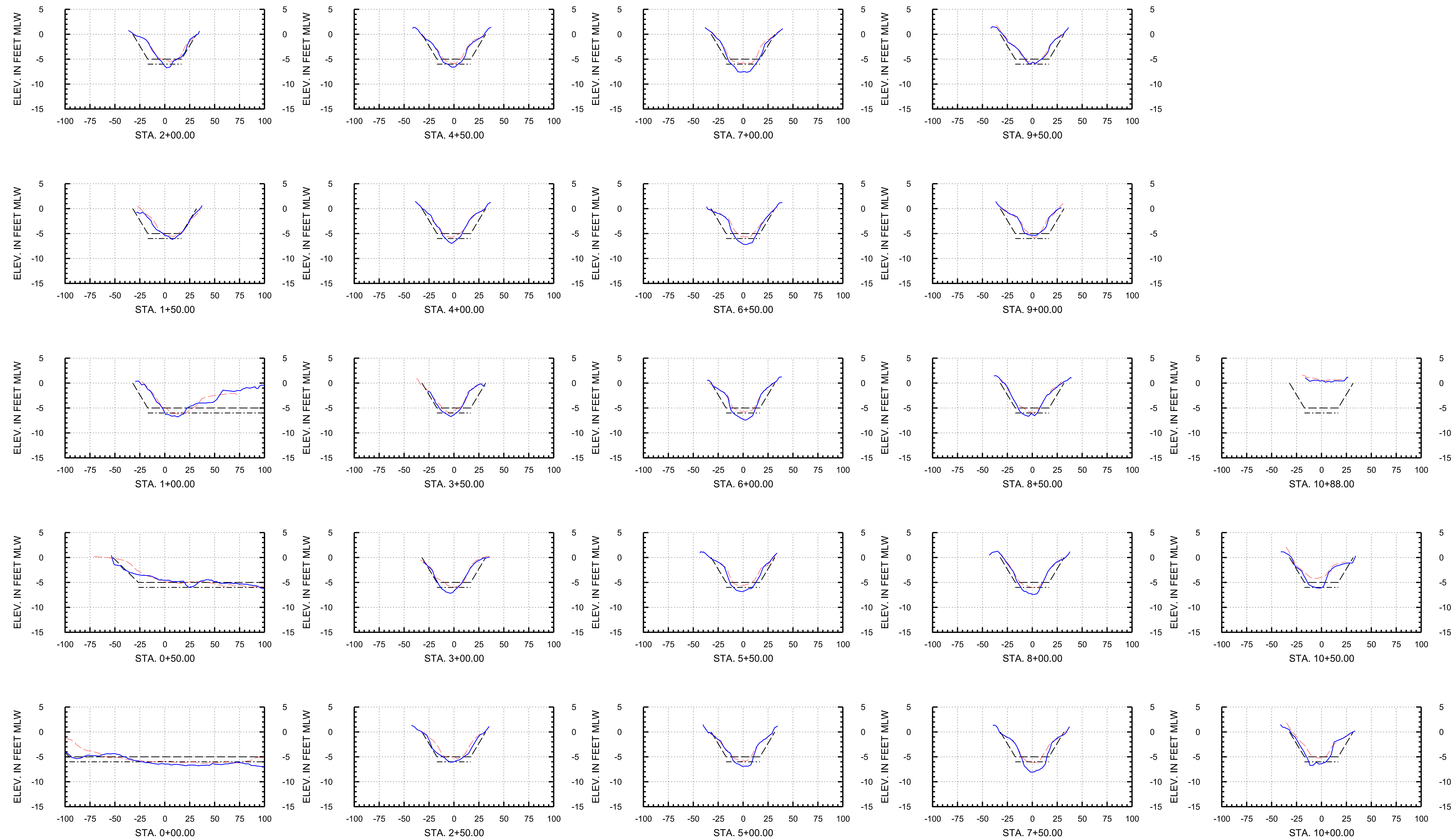
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Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 14 OF: 18

Baseline 6



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Prepared For:
Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

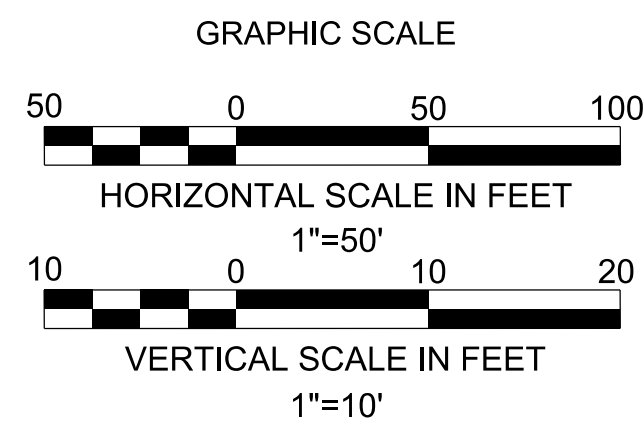
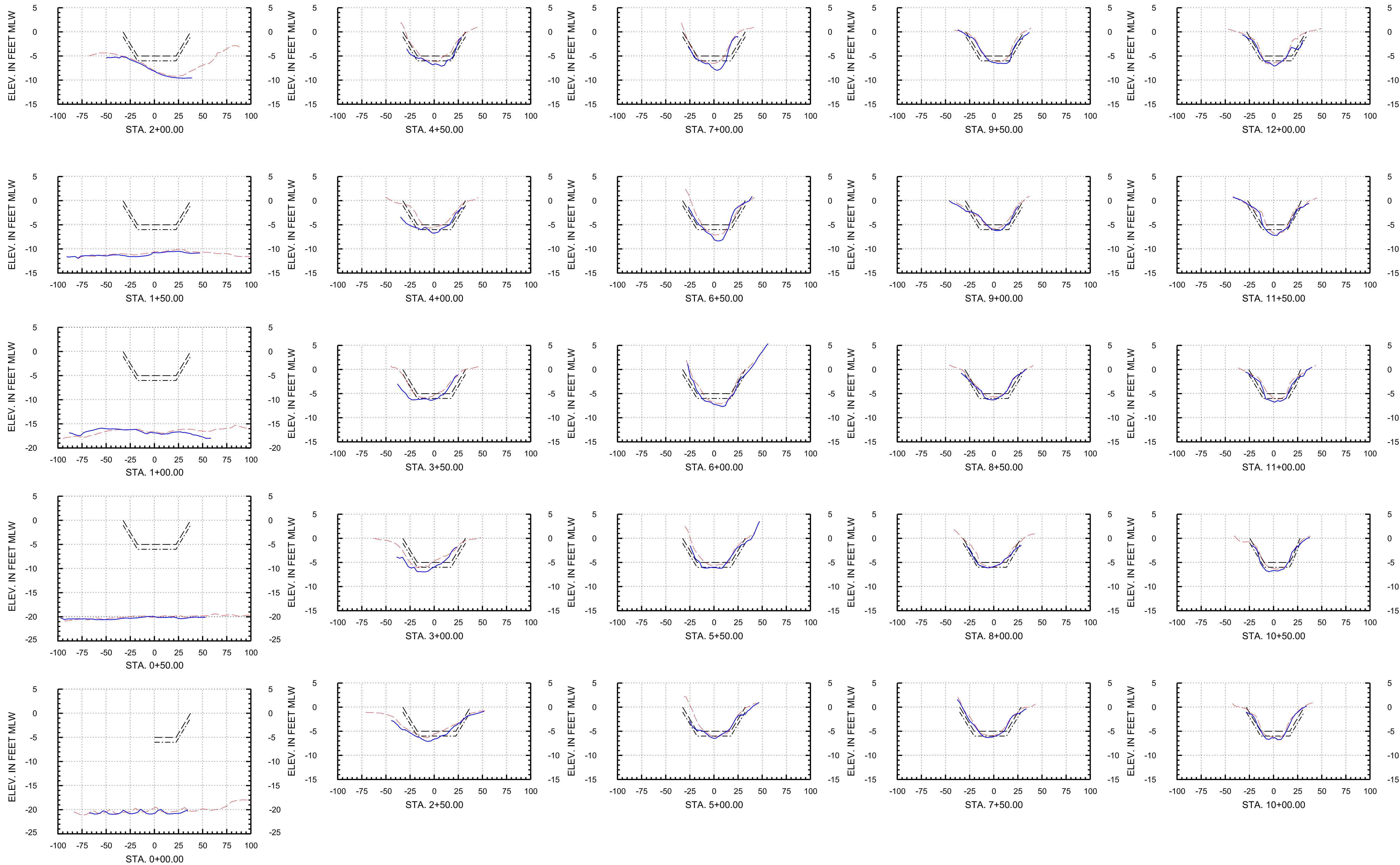
Project Title:
Isle of Palms North
Hydrographic After-Dredge Survey

— = HYDROGRAPHIC SURVEY: MAY 9-11, 2023
- - = HYDROGRAPHIC SURVEY: NOVEMBER 11, 2022
- - - = DREDGE TEMPLATE: -5.0 MLW
- - - - = DREDGE TEMPLATE: -6.0 MLW
MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 05/15/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-273
SHEET: 15 OF: 18

Baseline 7



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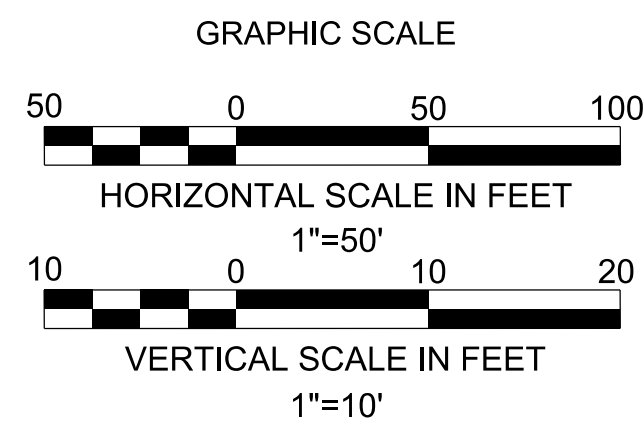
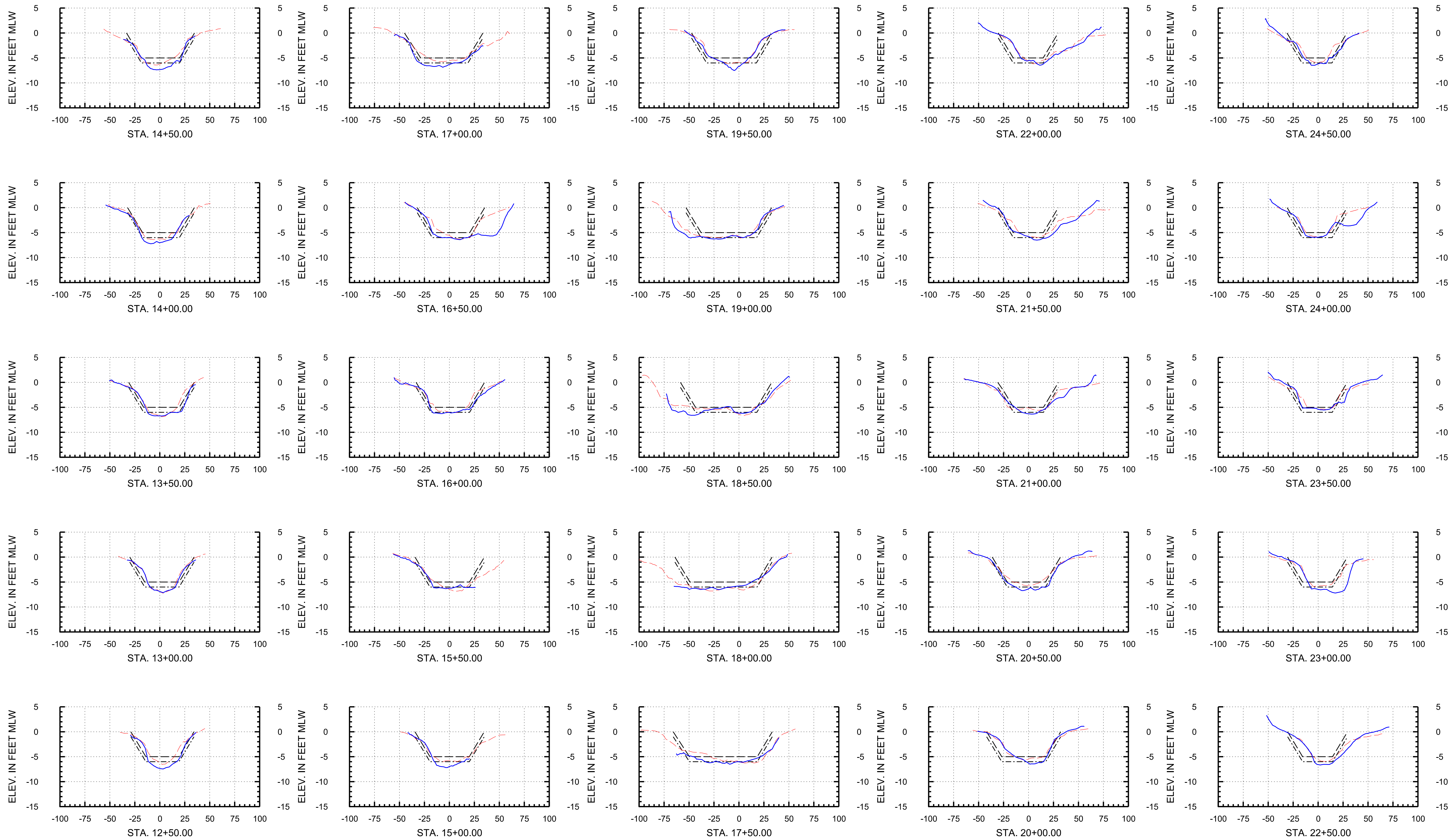
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ARC Project No.: 22-273		
SHEET: 16 OF: 18		
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Baseline 7



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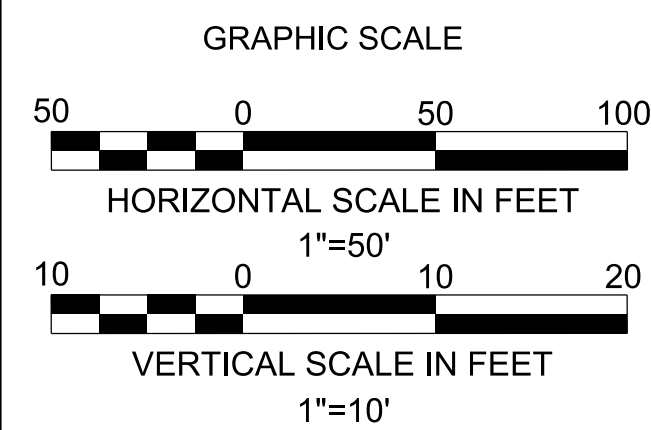
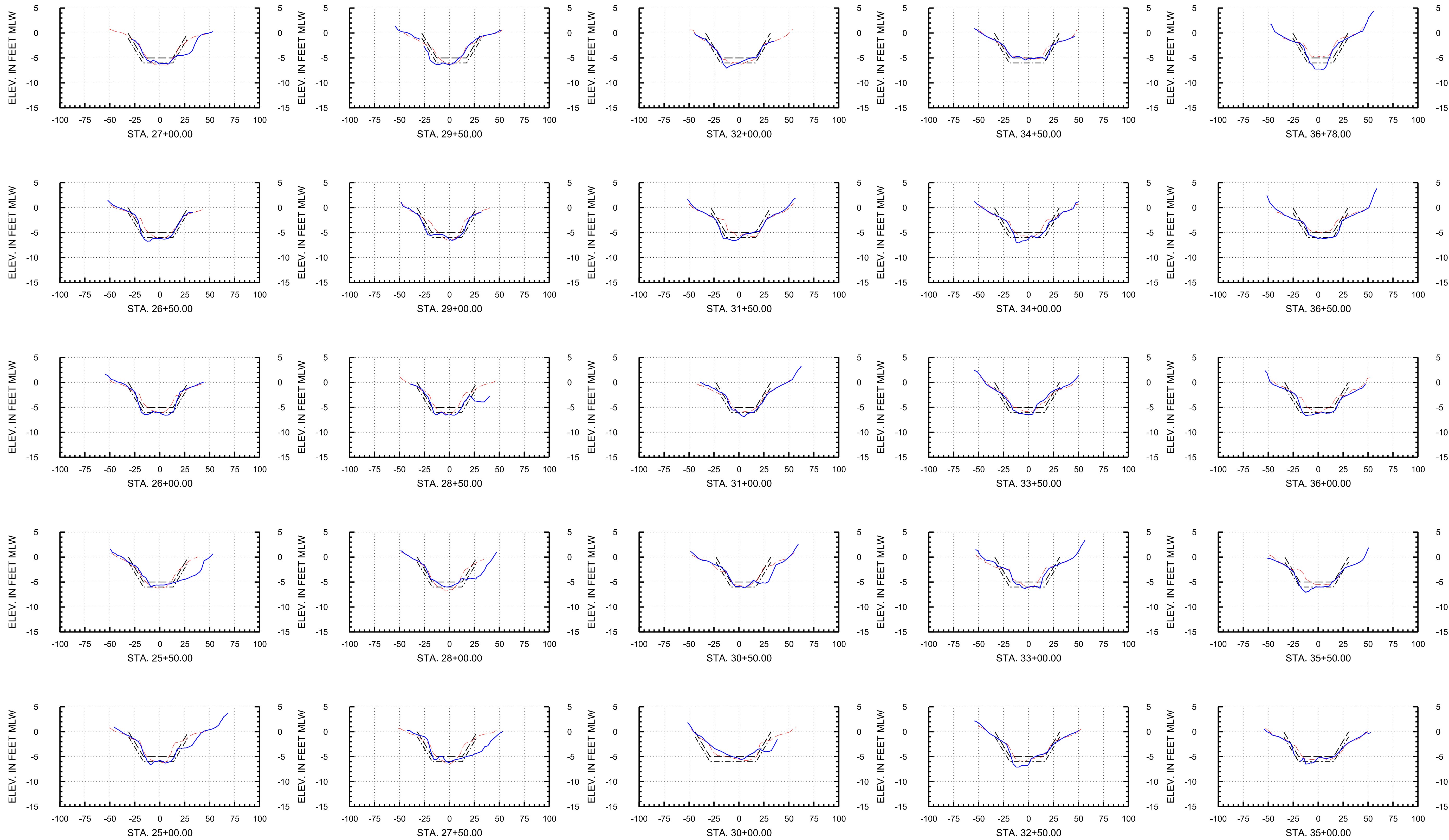
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Baseline 7



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