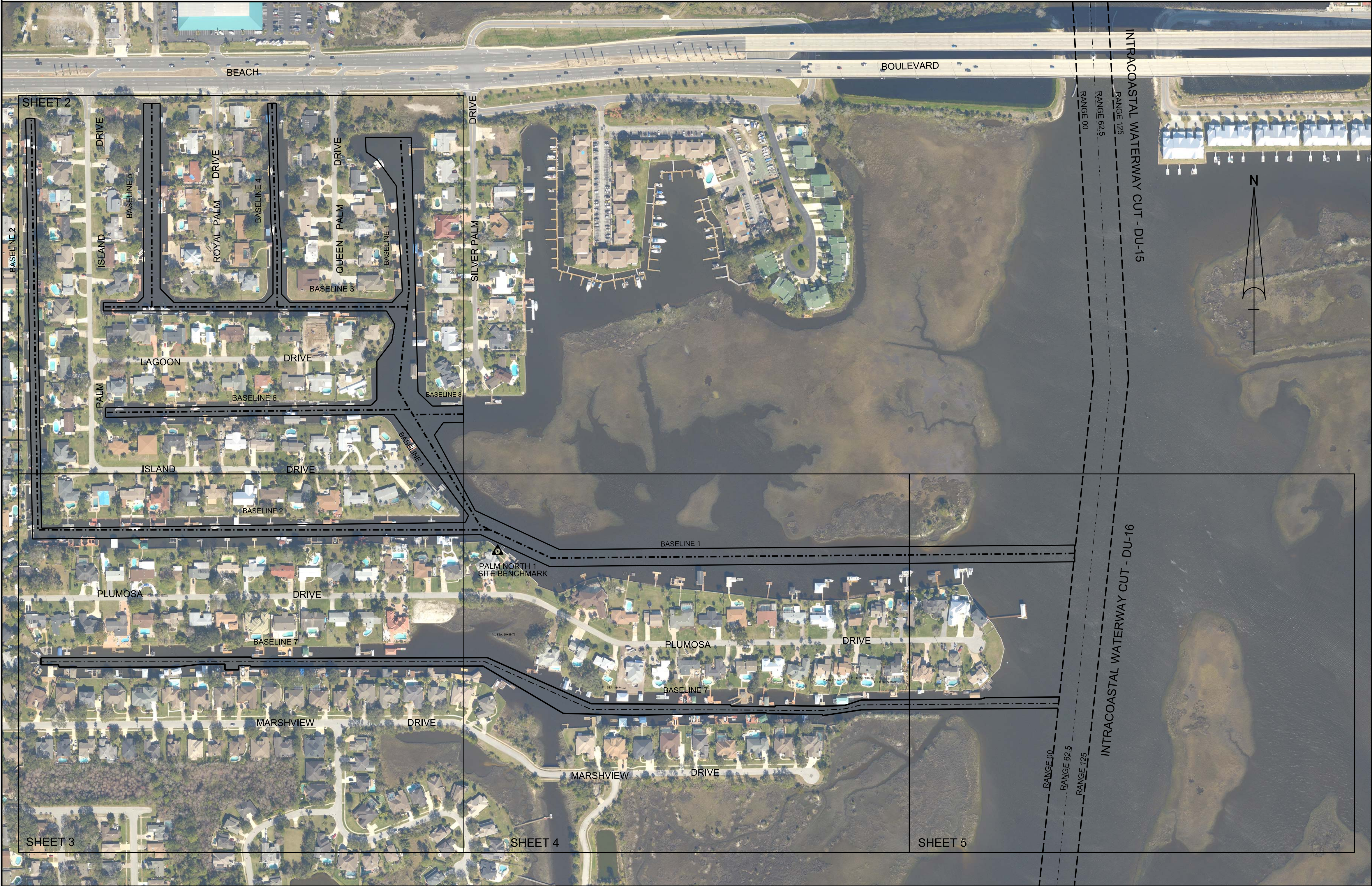
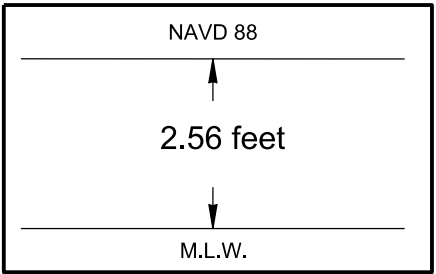


A MAP SHOWING A HYDROGRAPHIC SURVEY OF
A PORTION OF ISLE OF PALMS NORTH CANAL SYSTEM
LOCATED IN DUVAL COUNTY, FLORIDA



LEGEND/ABBREVIATIONS

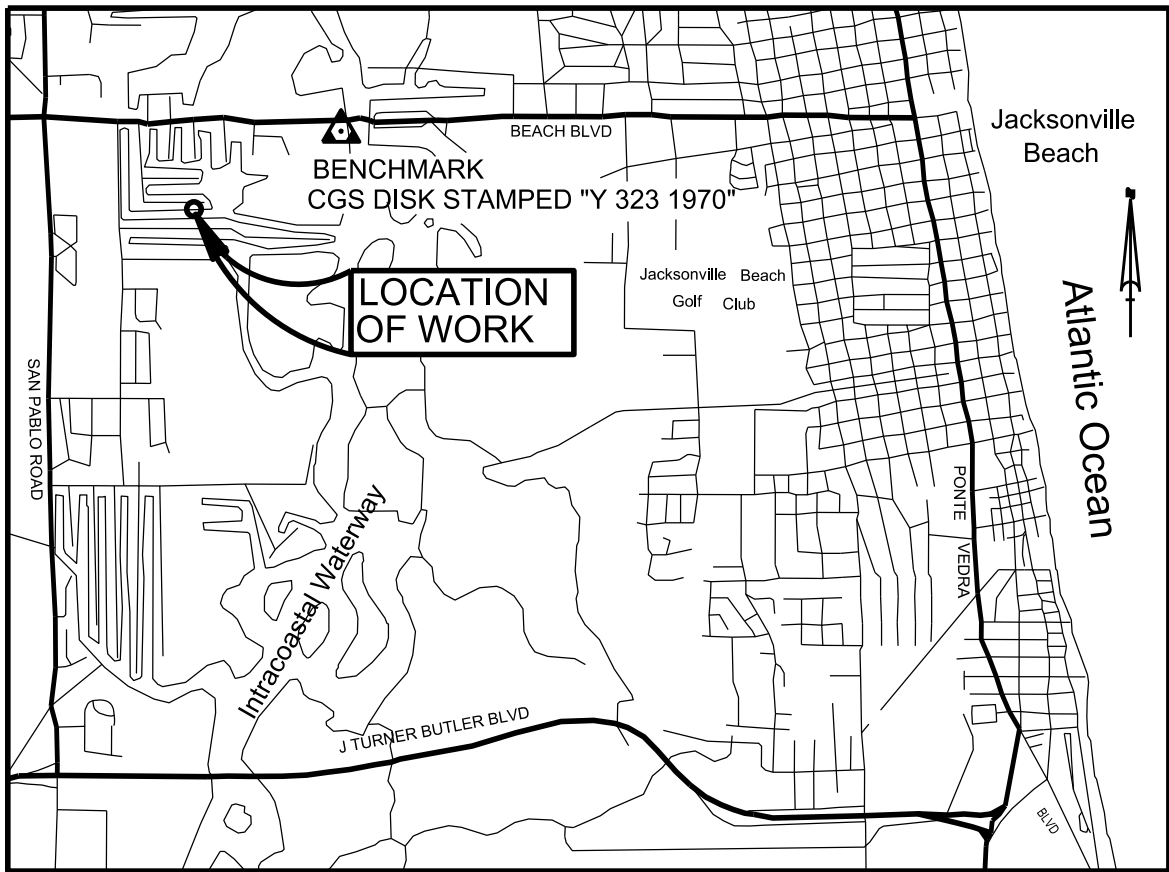
----- = CHANNEL CENTERLINE
——— = CHANNEL TOE
MLW = MEAN LOW WATER
NO. = NUMBER
P.I. = POINT OF INTERSECTION
POB = POINT OF BEGINNING
STA. = STATION
NAVD 88 = NORTH AMERICAN
VERTICAL DATUM 1988
ELEV. = ELEVATION
CGS = COASTAL GEODETIC SURVEY



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

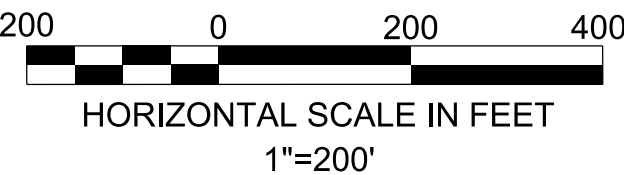
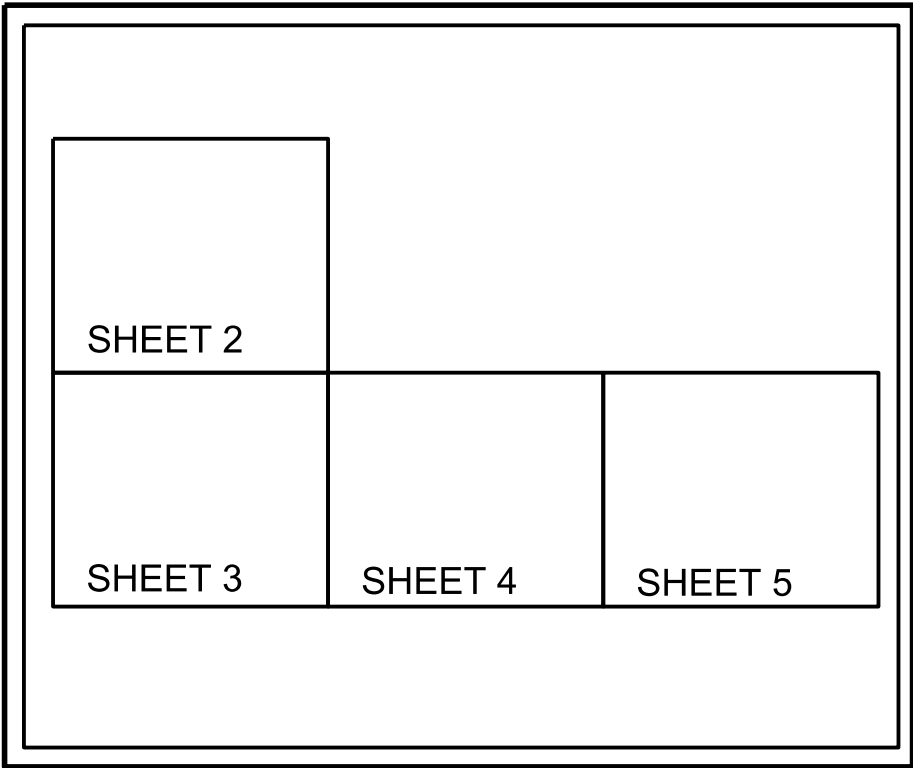
SURVEY NOTES:

- 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 DATES LISTED BELOW AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.

VESSEL	DATE OF SURVEY
GREY WITCH	NOVEMBER 11, 2022

- 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:

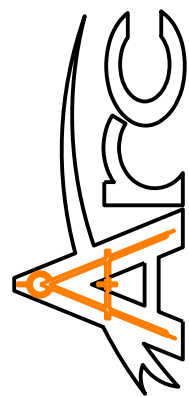
Isle of Palms North
Hydrographic Pre-Dredge Survey

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

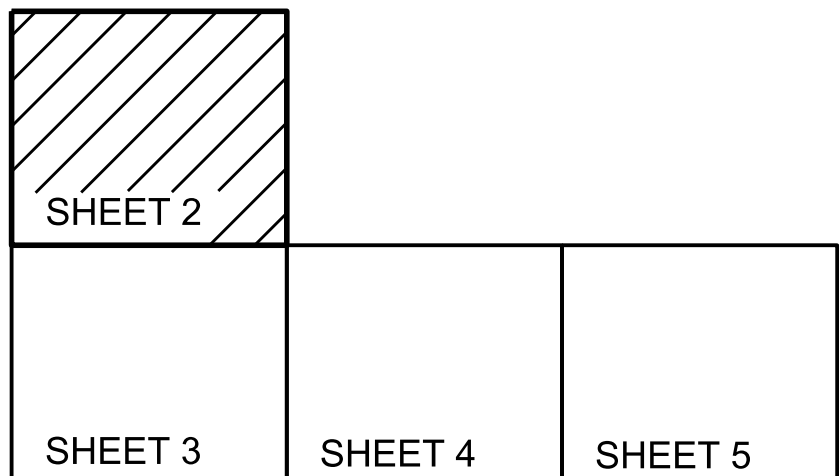


LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 11/22/22
File Name:
Fld Bk / Pg: 22-04/13
ARC Project No.:
22-273
SHEET: 1 OF: 18

DATE	BY	REVISION



SHEET INDEX



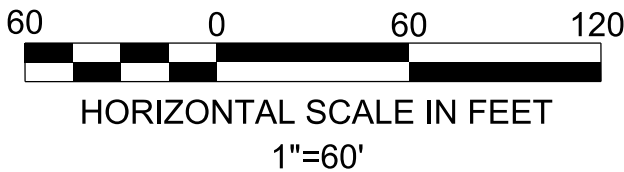
HYDROGRAPHIC ELEVATION CHART



LEGEND/ABBREVIATIONS

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 2. SEE SHEET NO.1 FOR SURVEY NOTES.

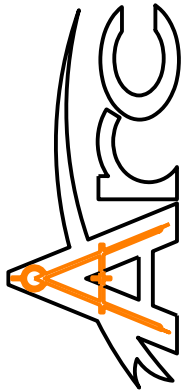


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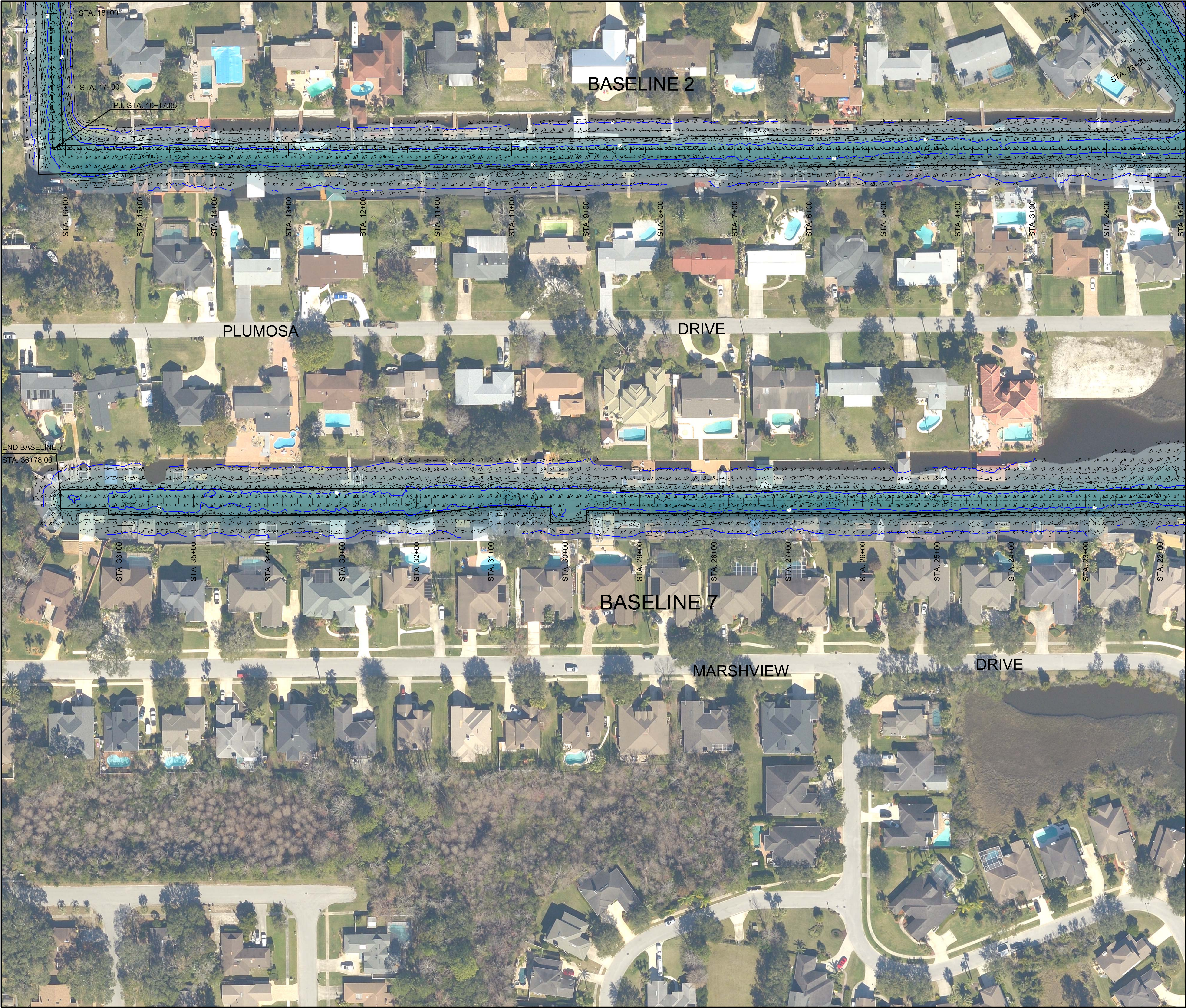
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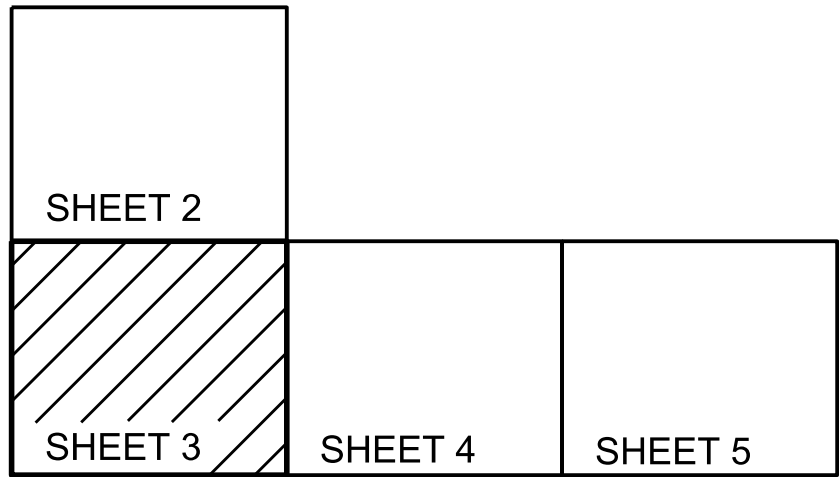
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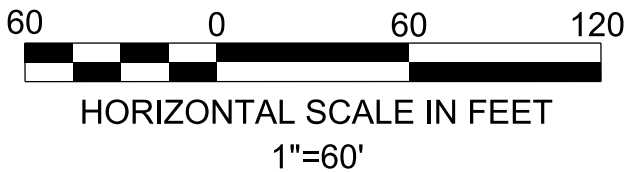
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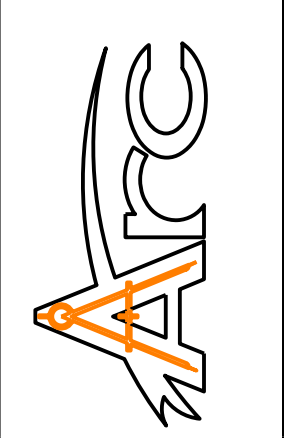


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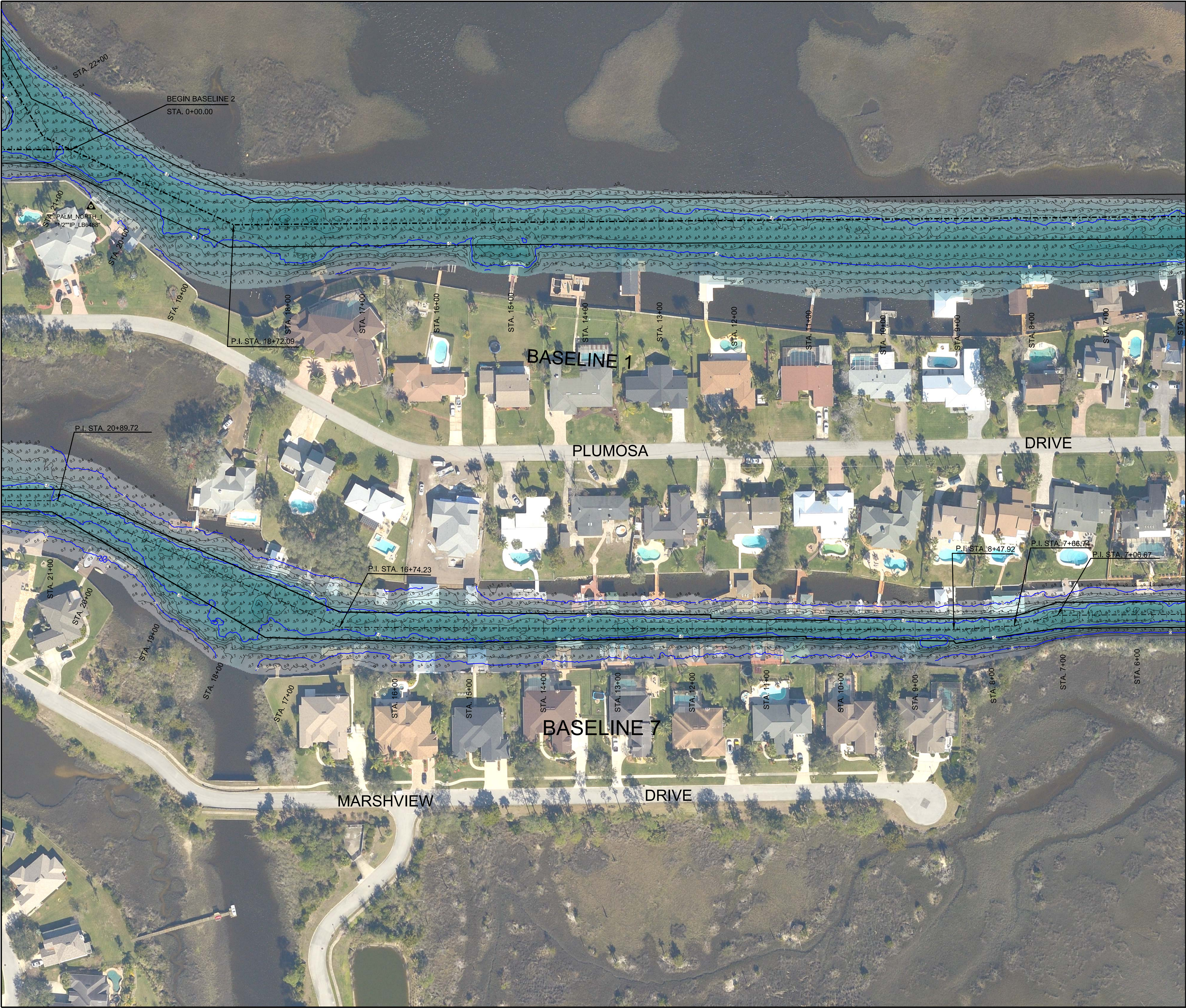
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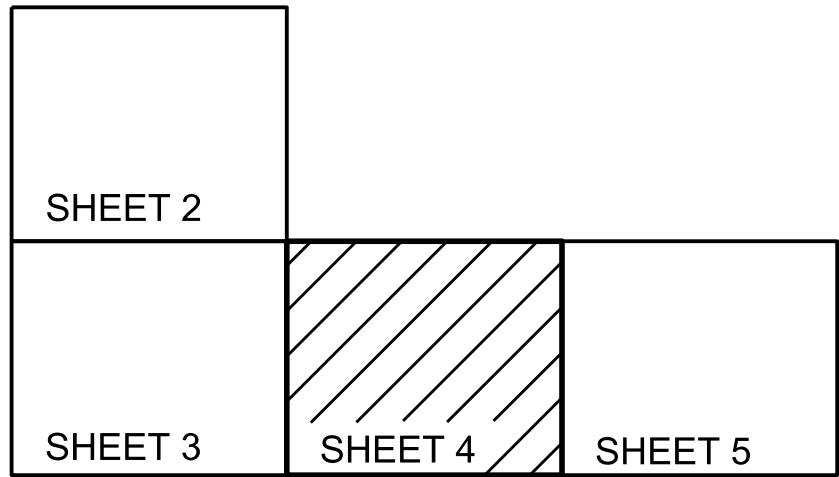
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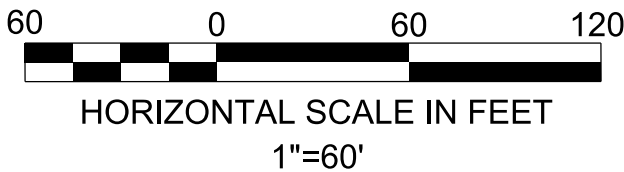
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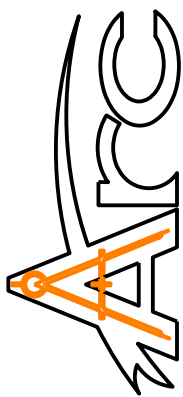


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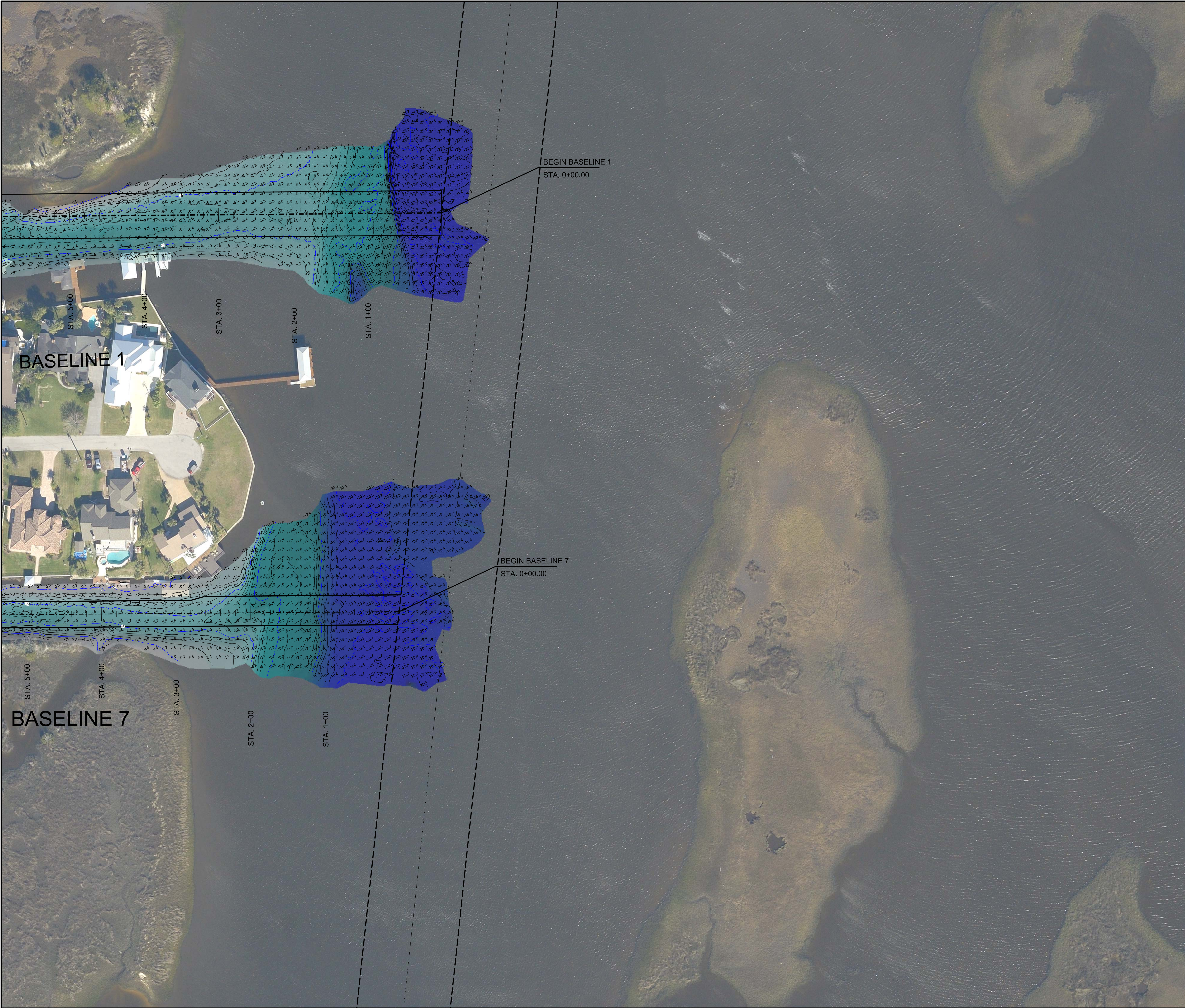
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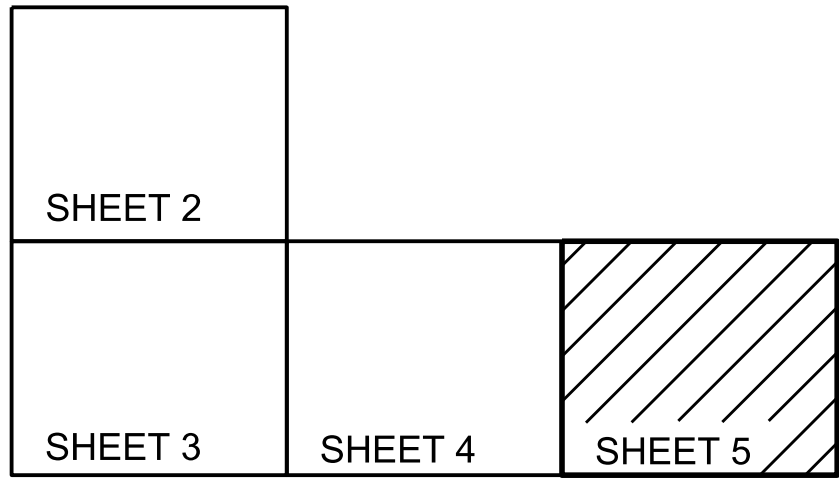
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Fld Bk / Pg: 22-04/13
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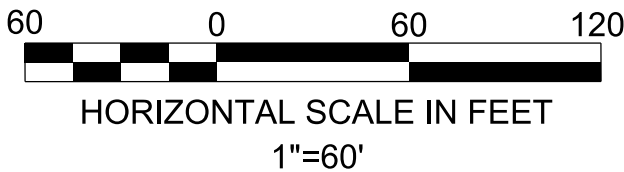
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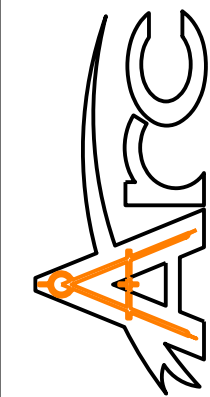


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Project Title:
Isle of Palms North
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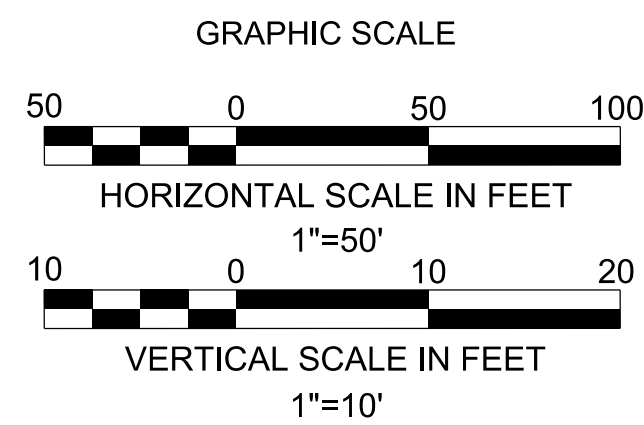
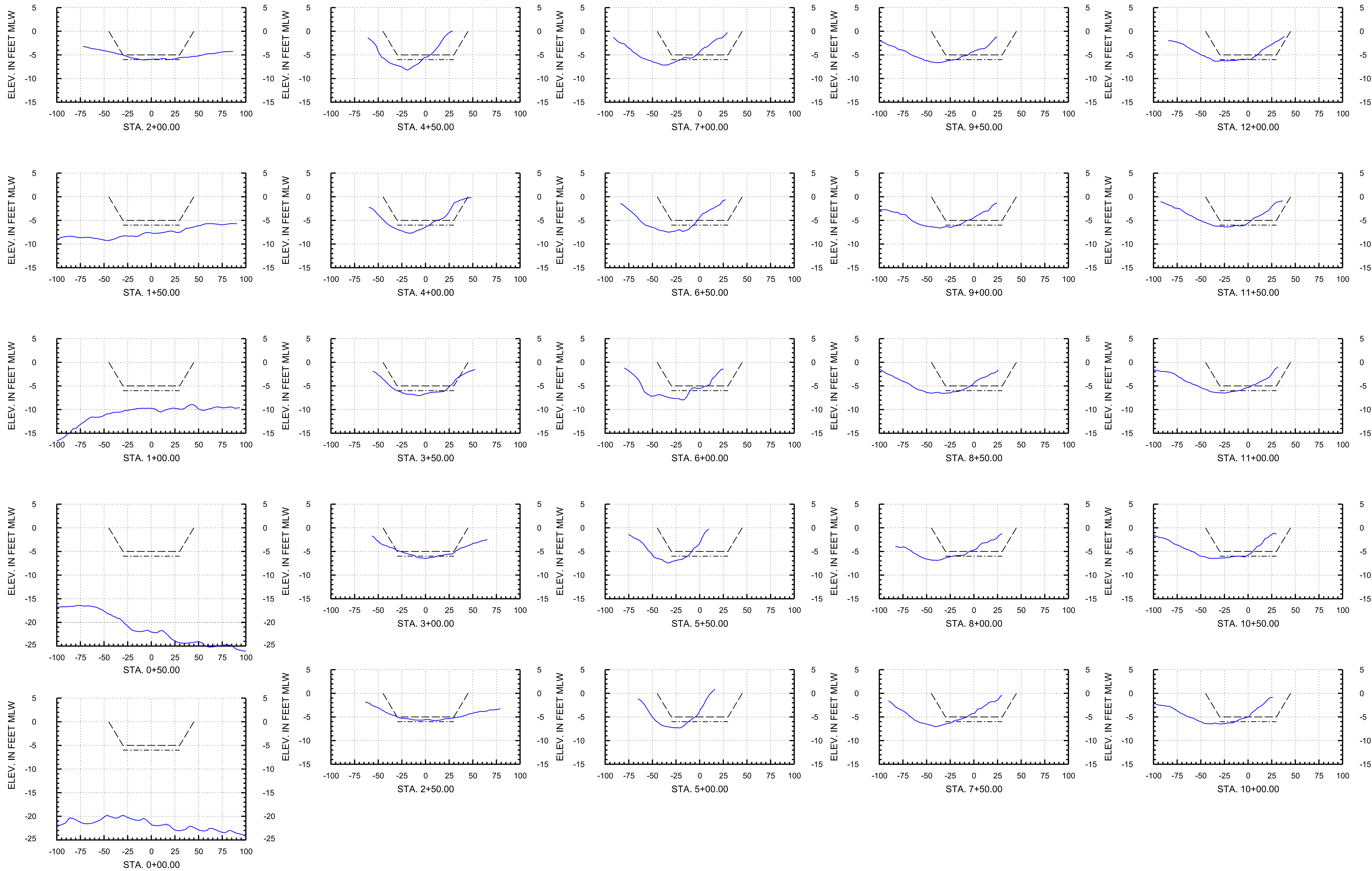
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Drawn By: M. SAWYER
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Plot Date: 11/22/22
File Name:
Fld Bk / Pg: 22-04/13
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Baseline 1



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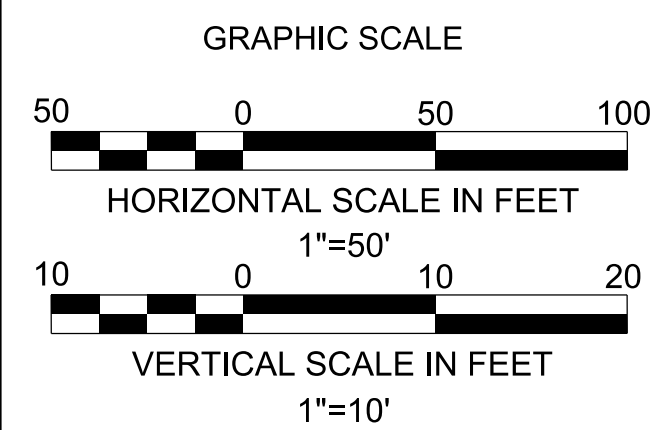
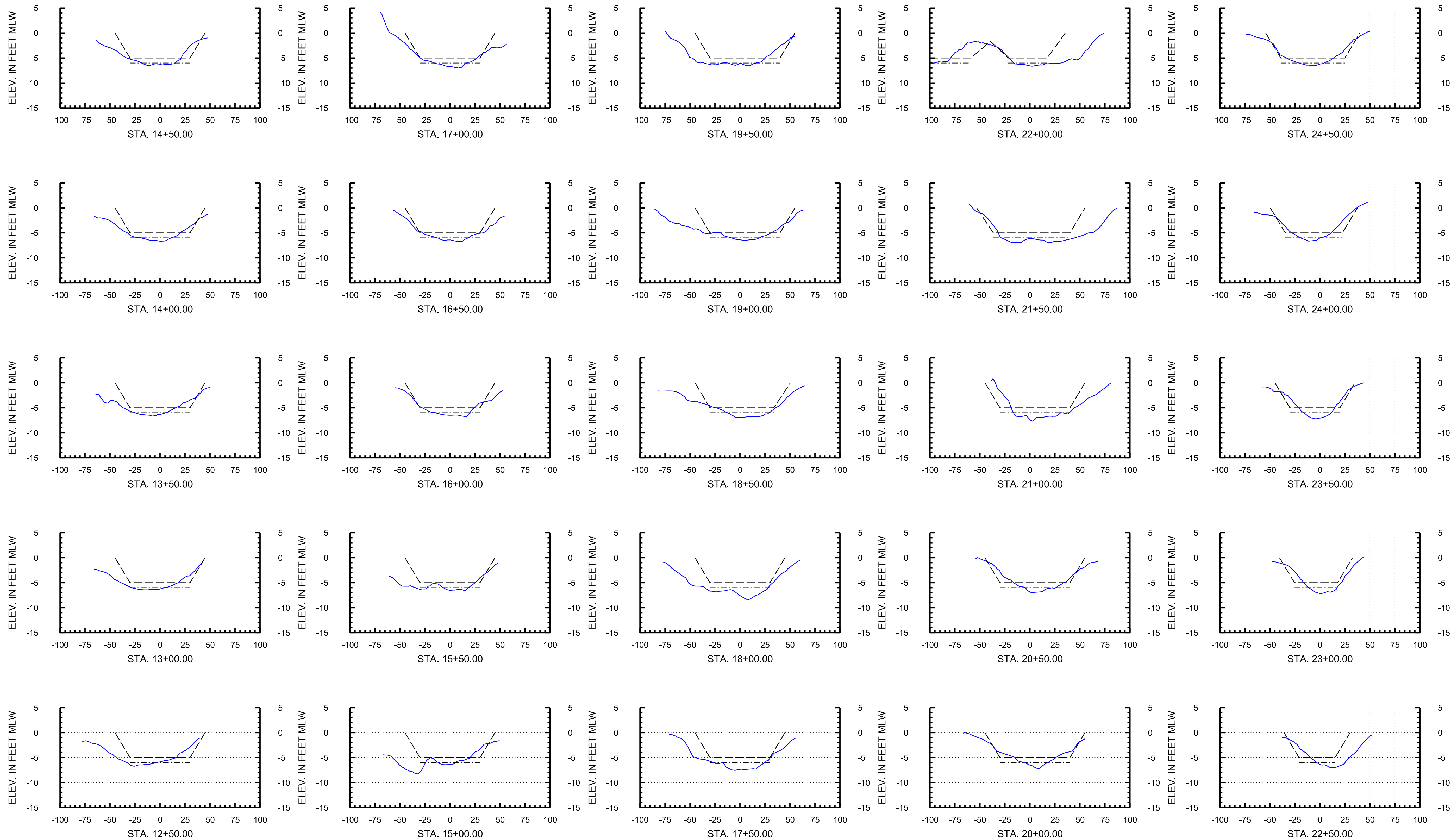
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Isle of Palms North
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LB No. 6487
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Baseline 1



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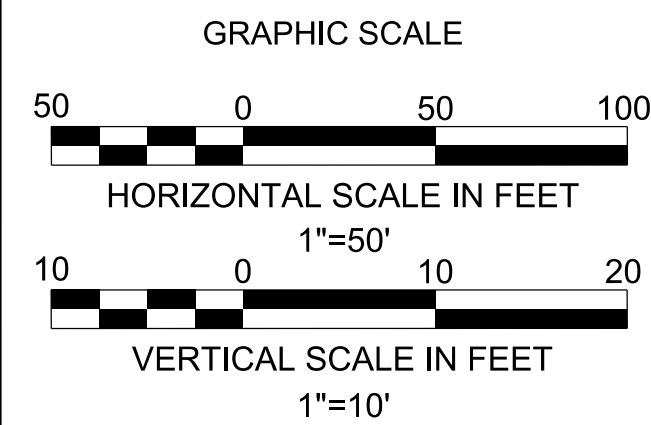
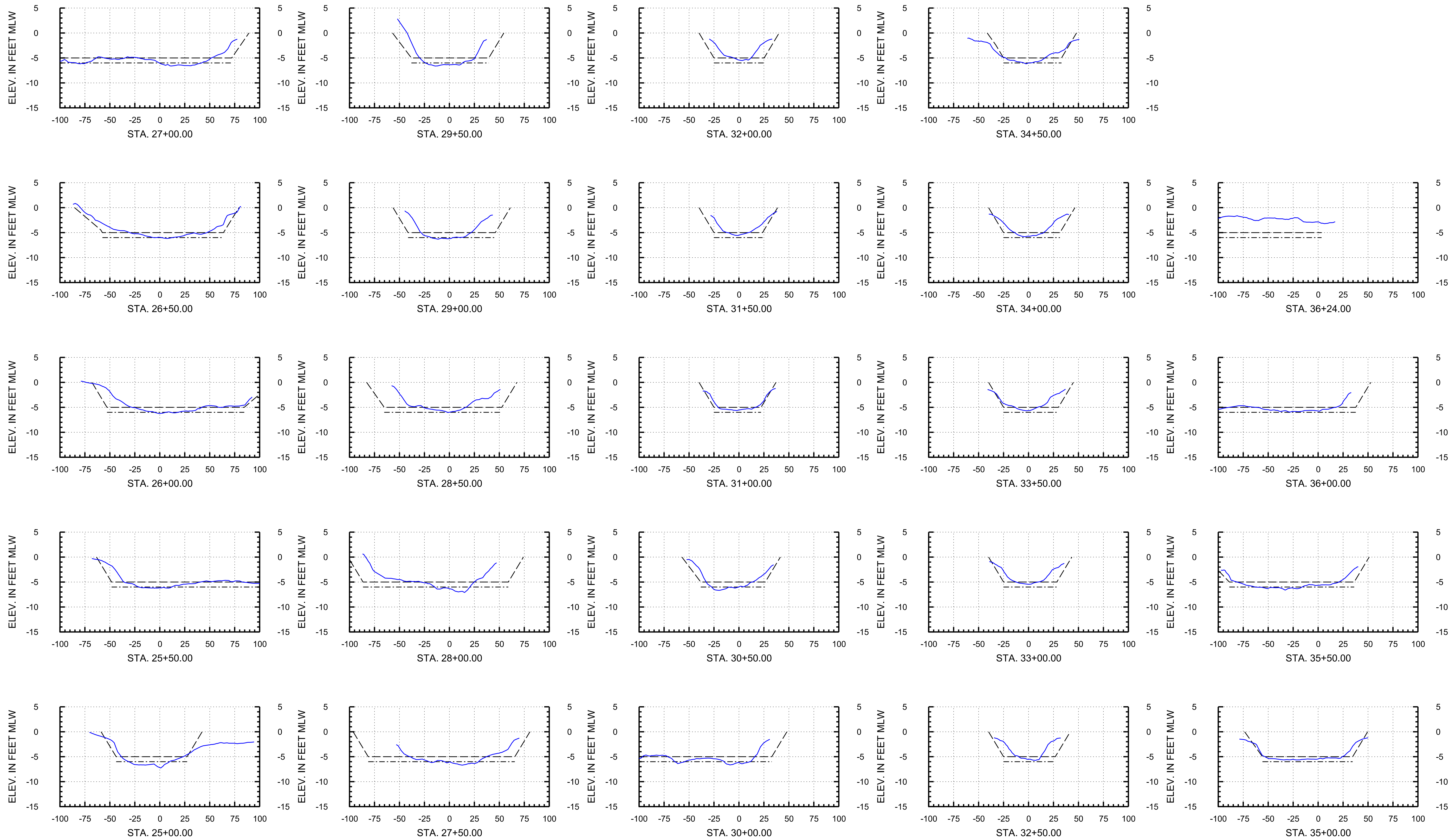
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Baseline 1



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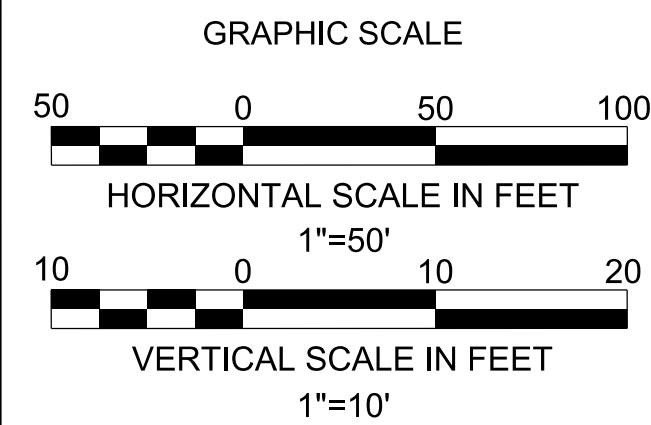
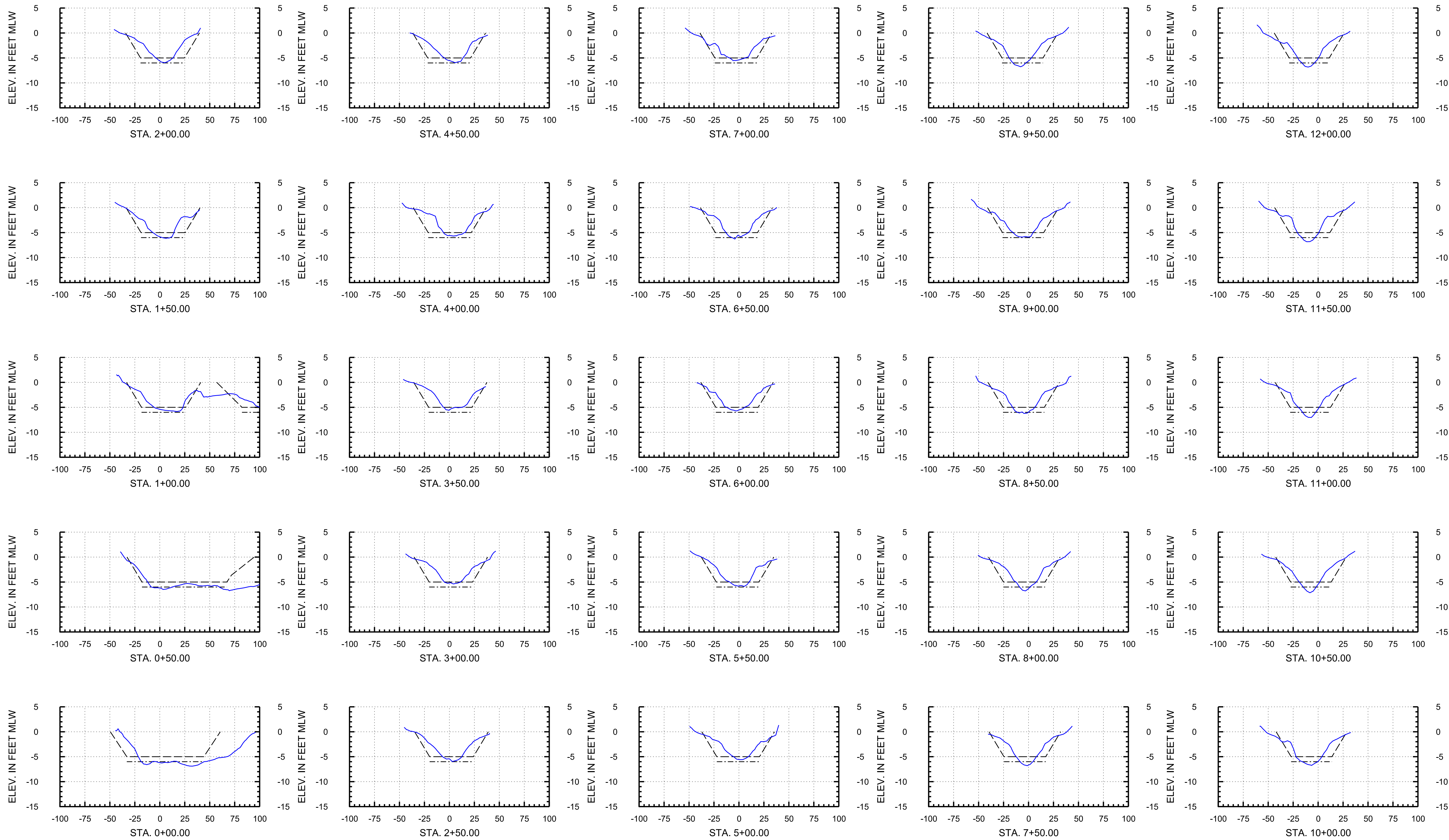
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Baseline 2



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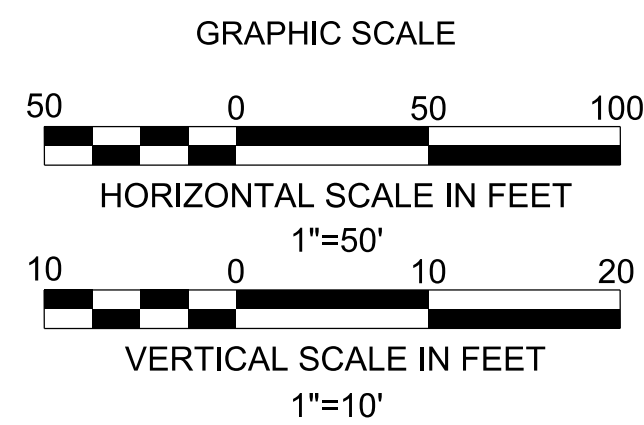
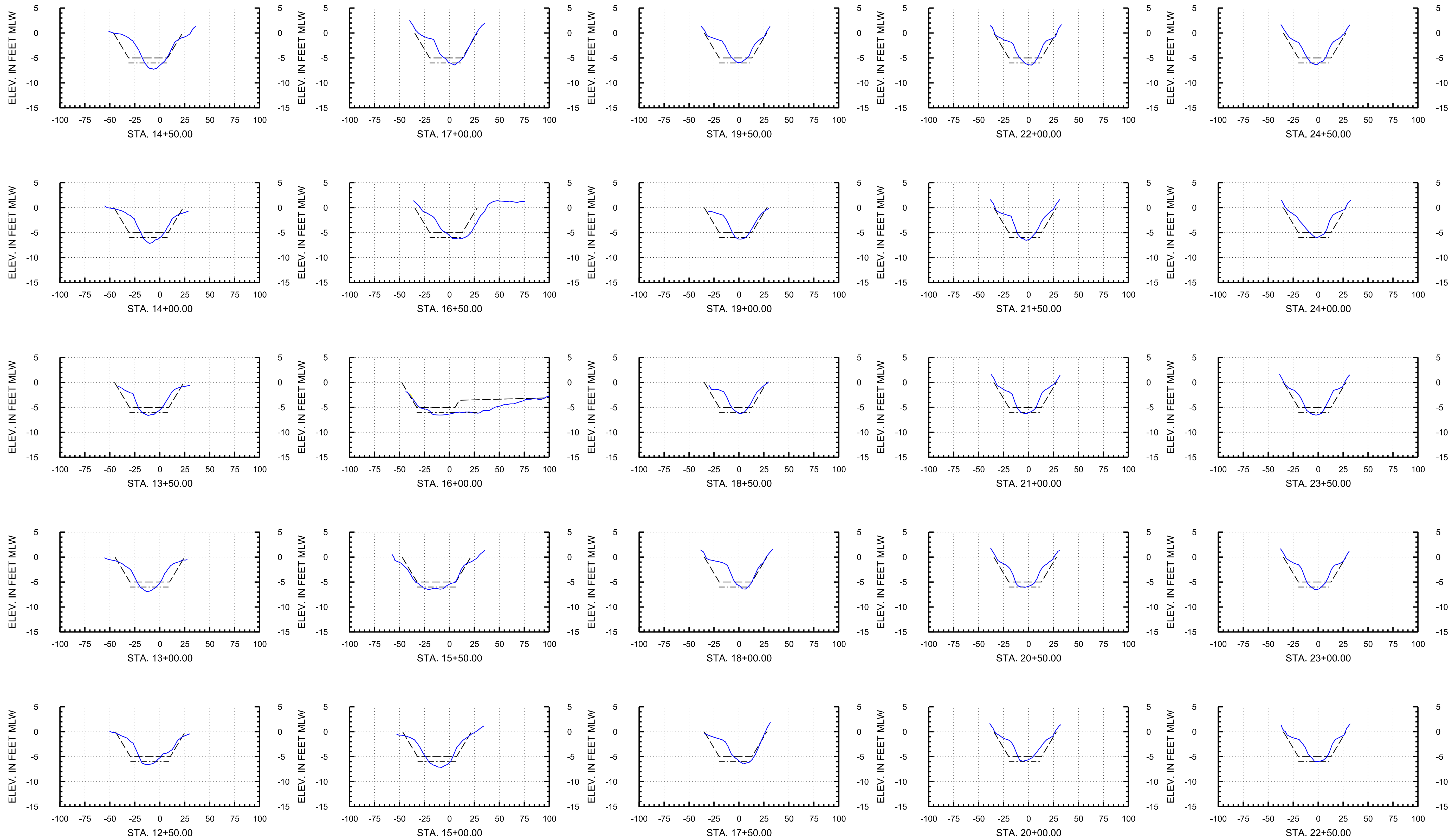
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Baseline 2



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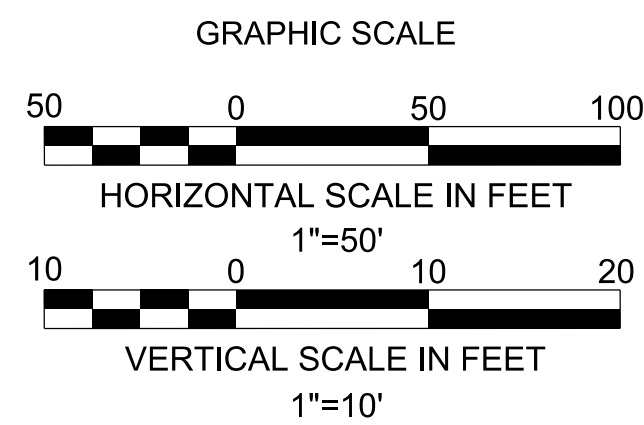
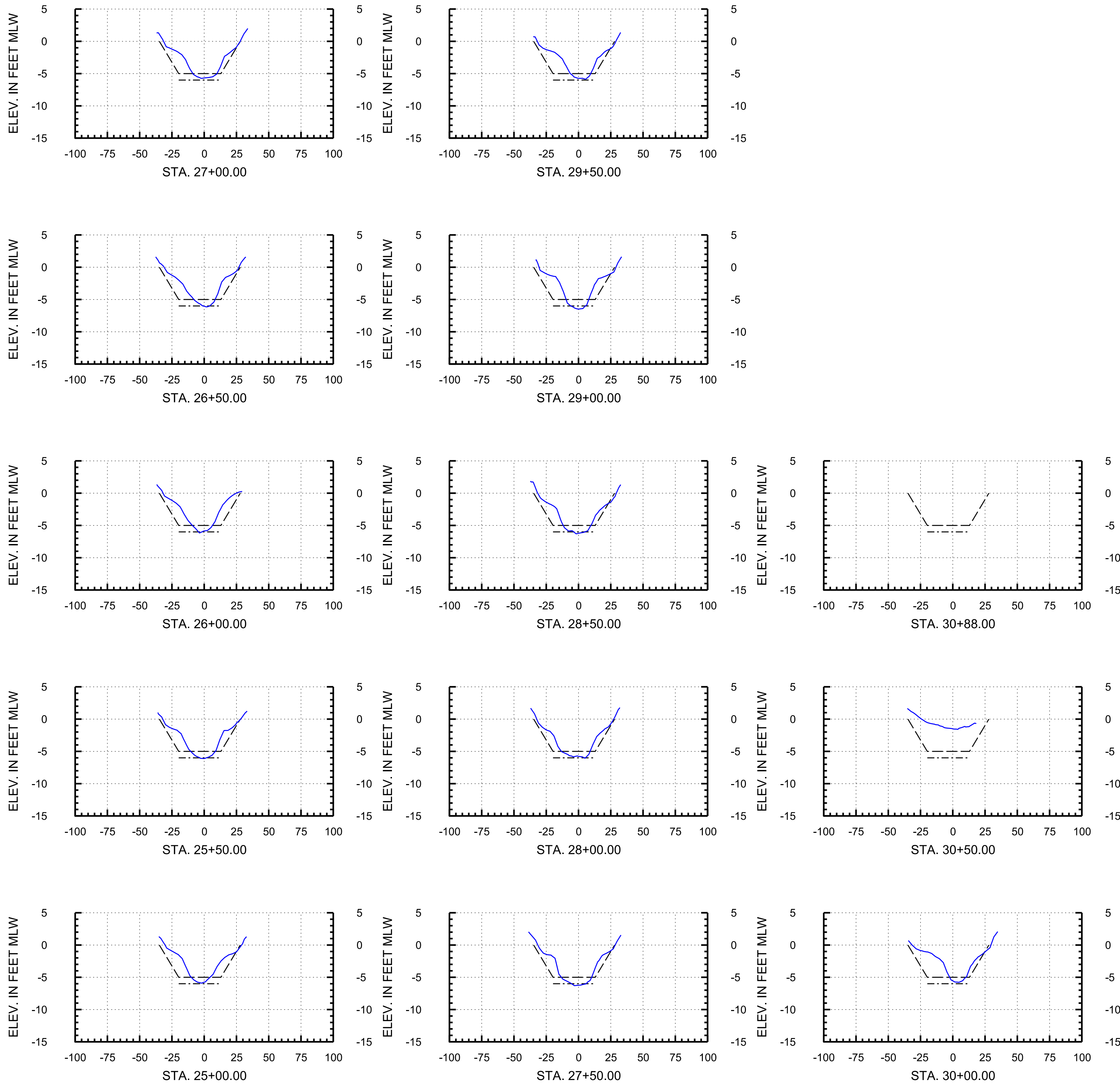
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Baseline 2



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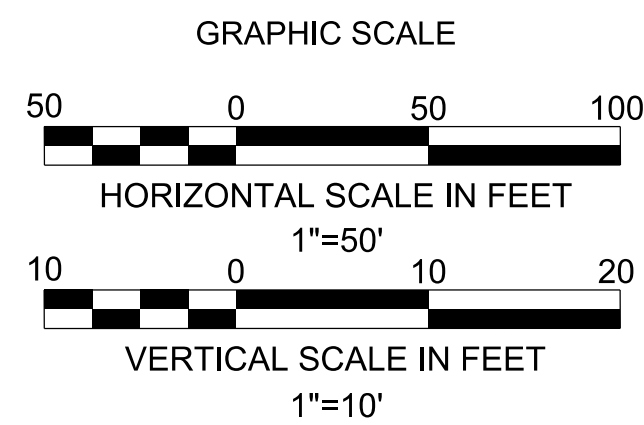
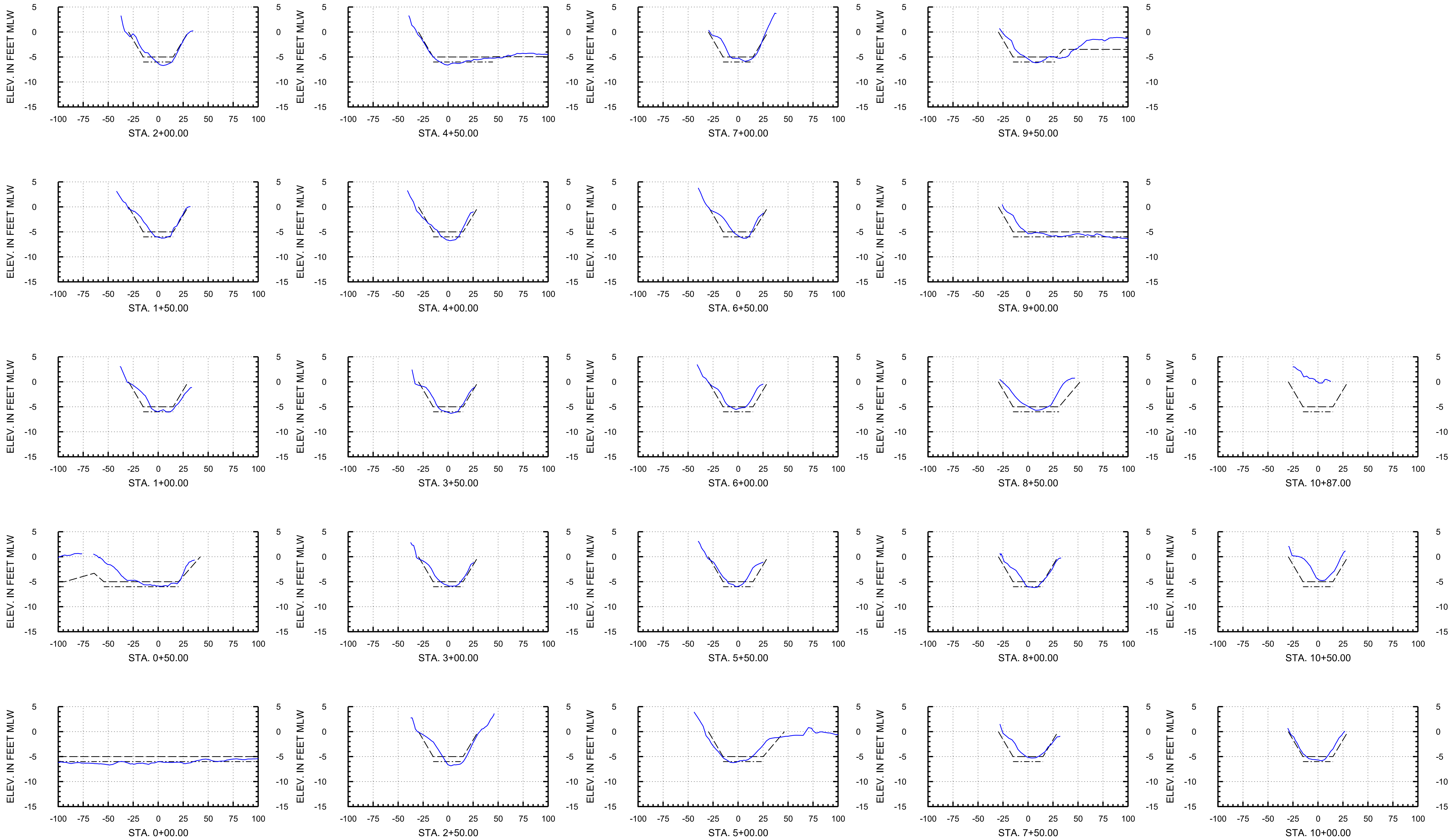
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Baseline 3



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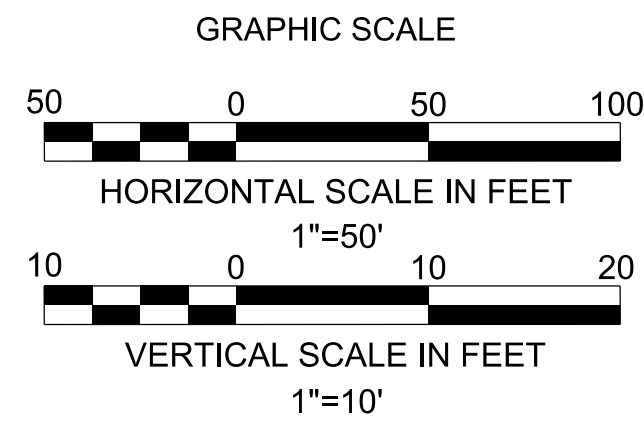
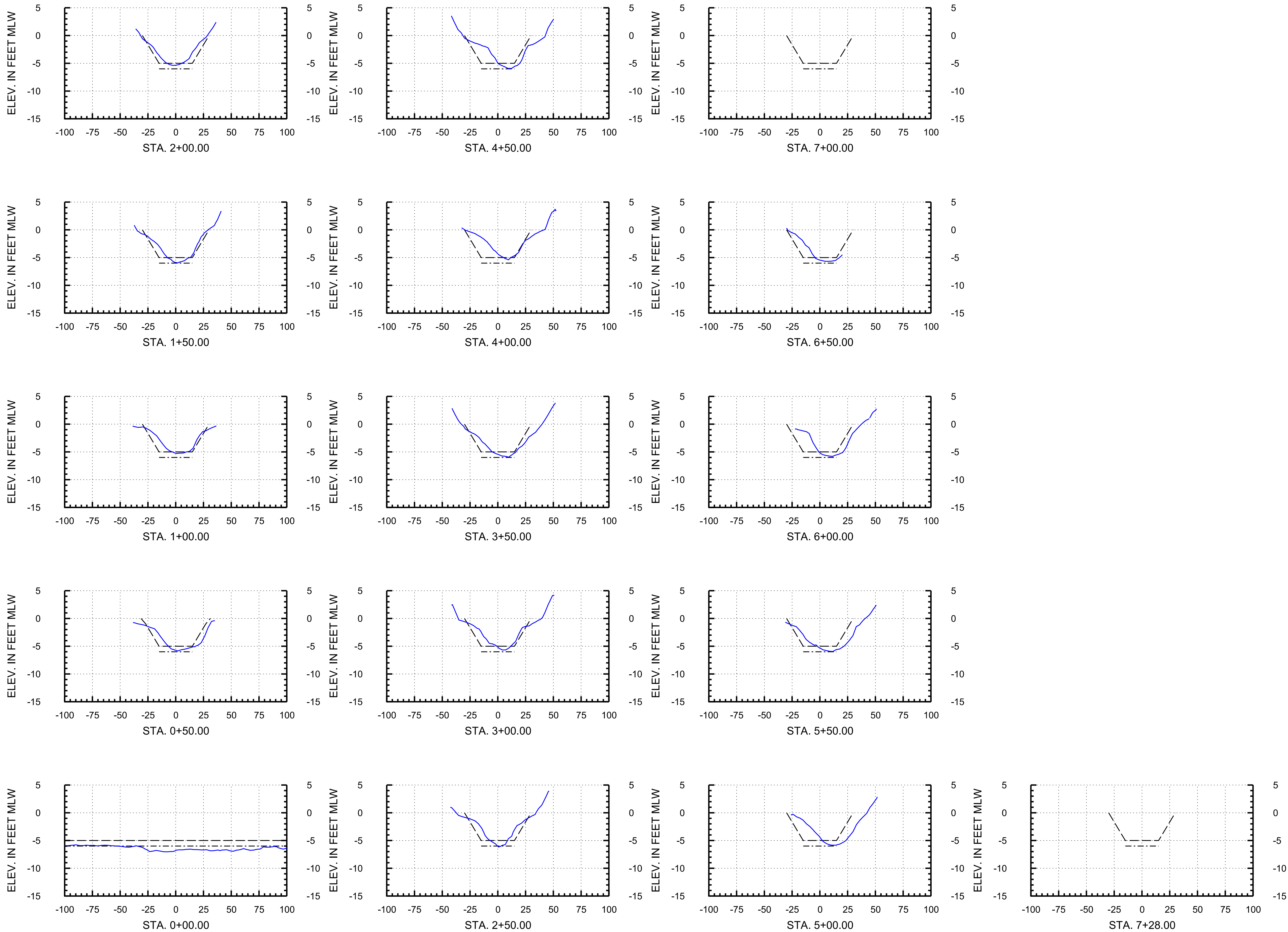
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File Name:
Fld Bk / Pg: 22-04/13
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22-273
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Baseline 4



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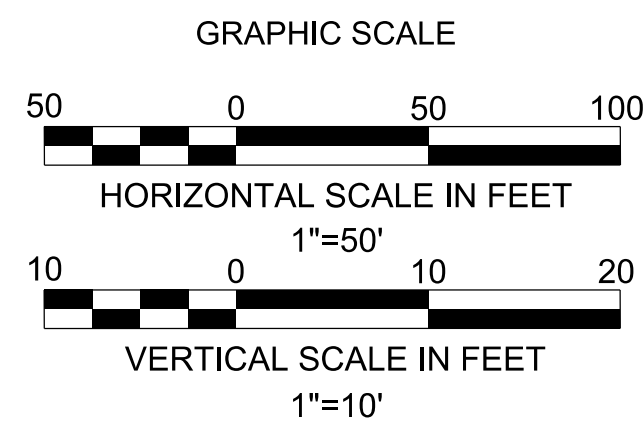
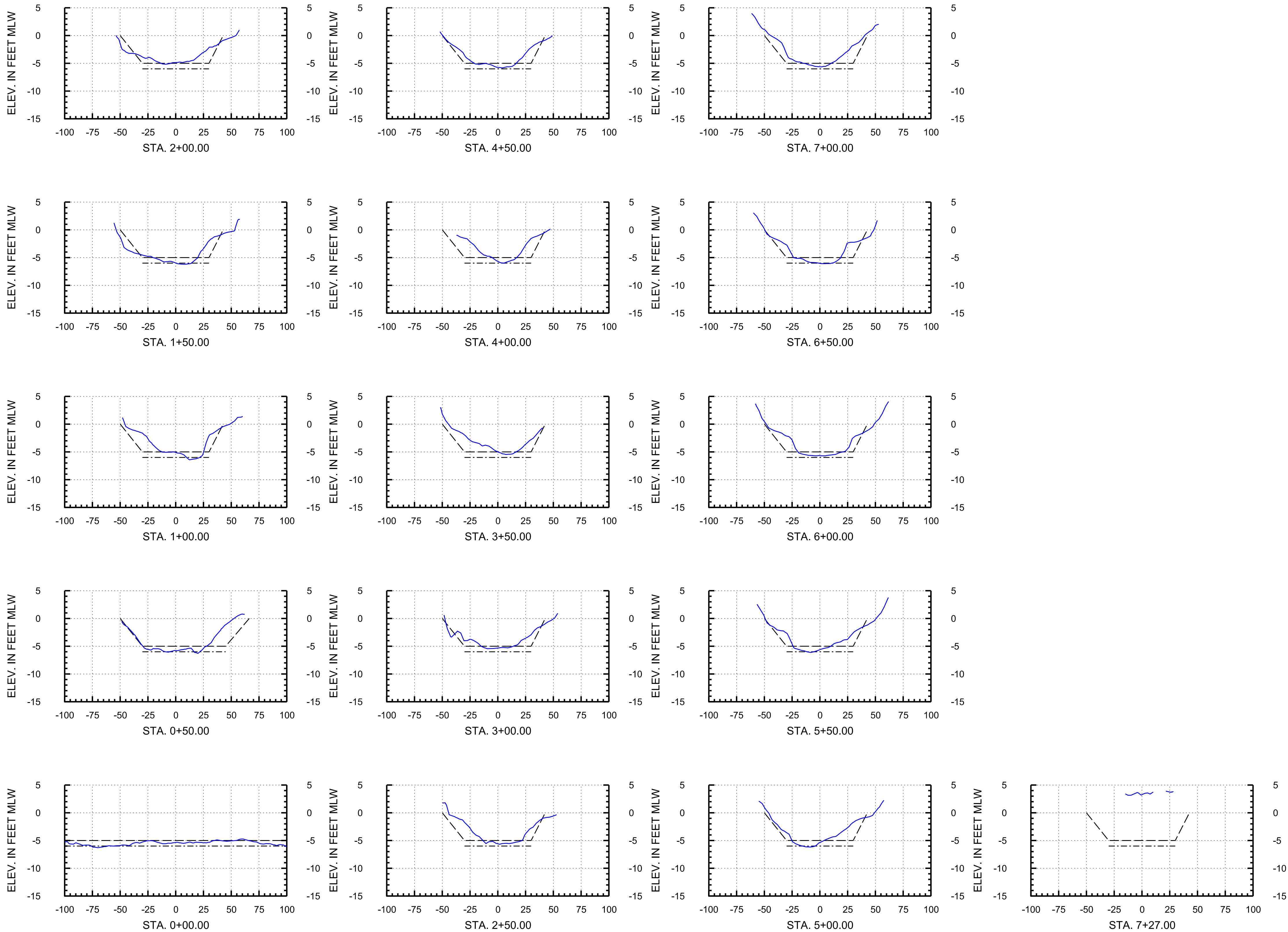
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Baseline 5



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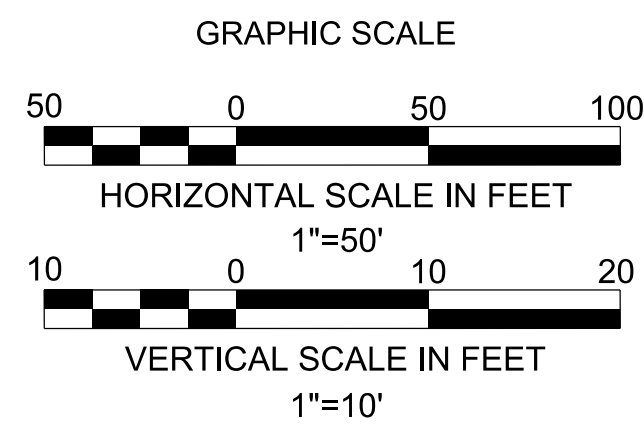
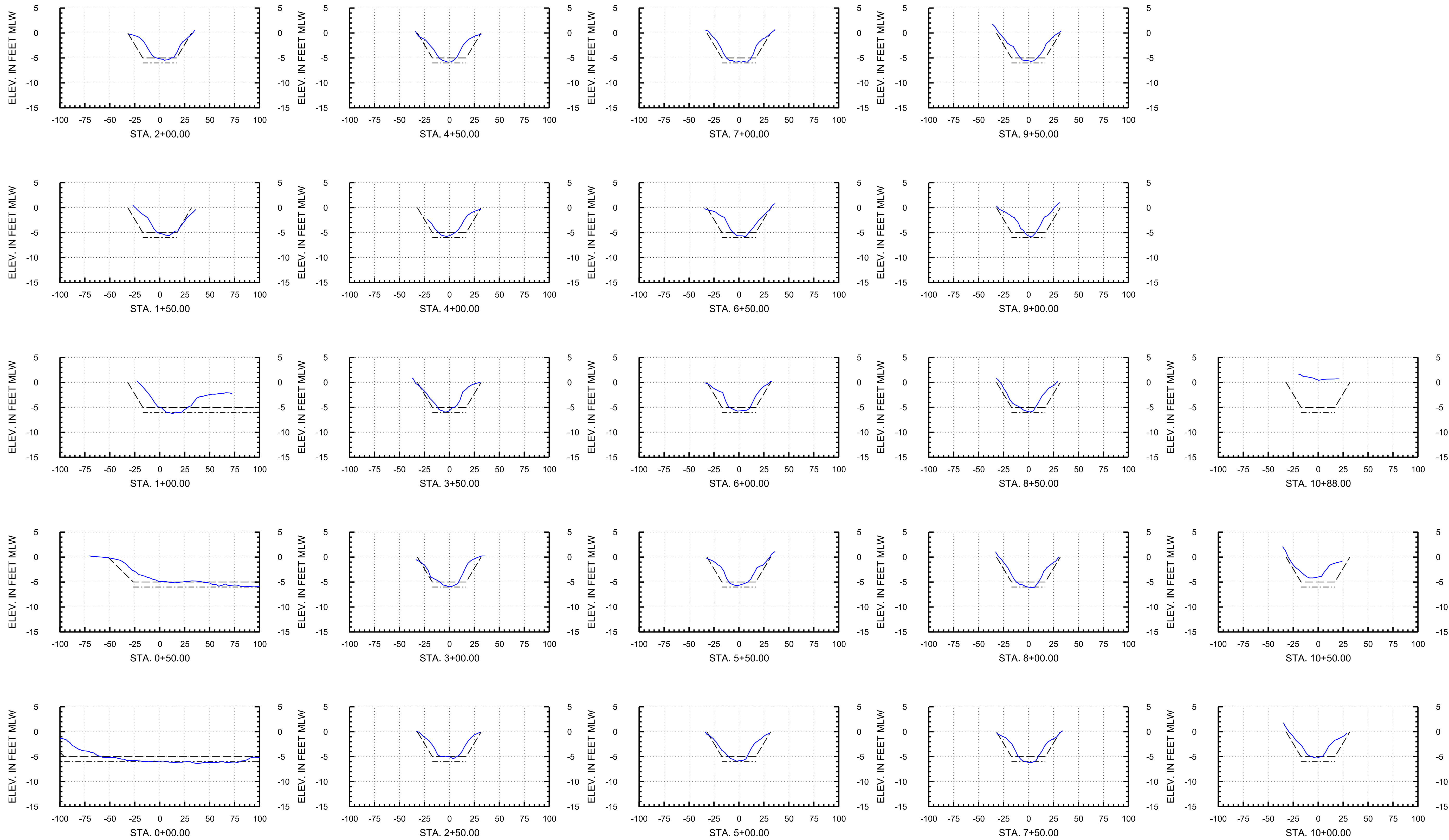
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Isle of Palms North
Hydrographic Pre-Dredge Survey

— = 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: 11/21/22
File Name:
Fld Bk / Pg: 22-04/13
ARC Project No.:
22-273
SHEET: 14 OF: 18

Baseline 6



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

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

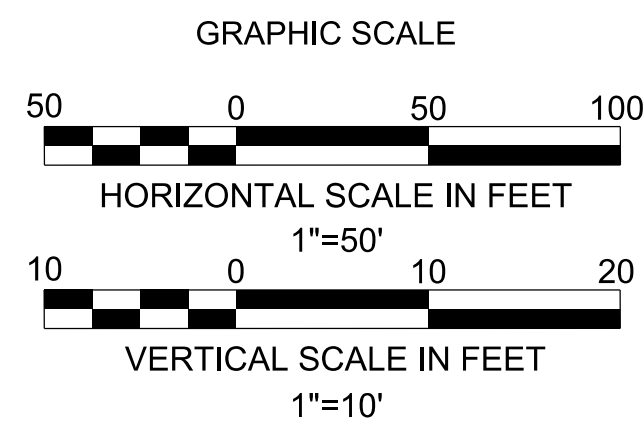
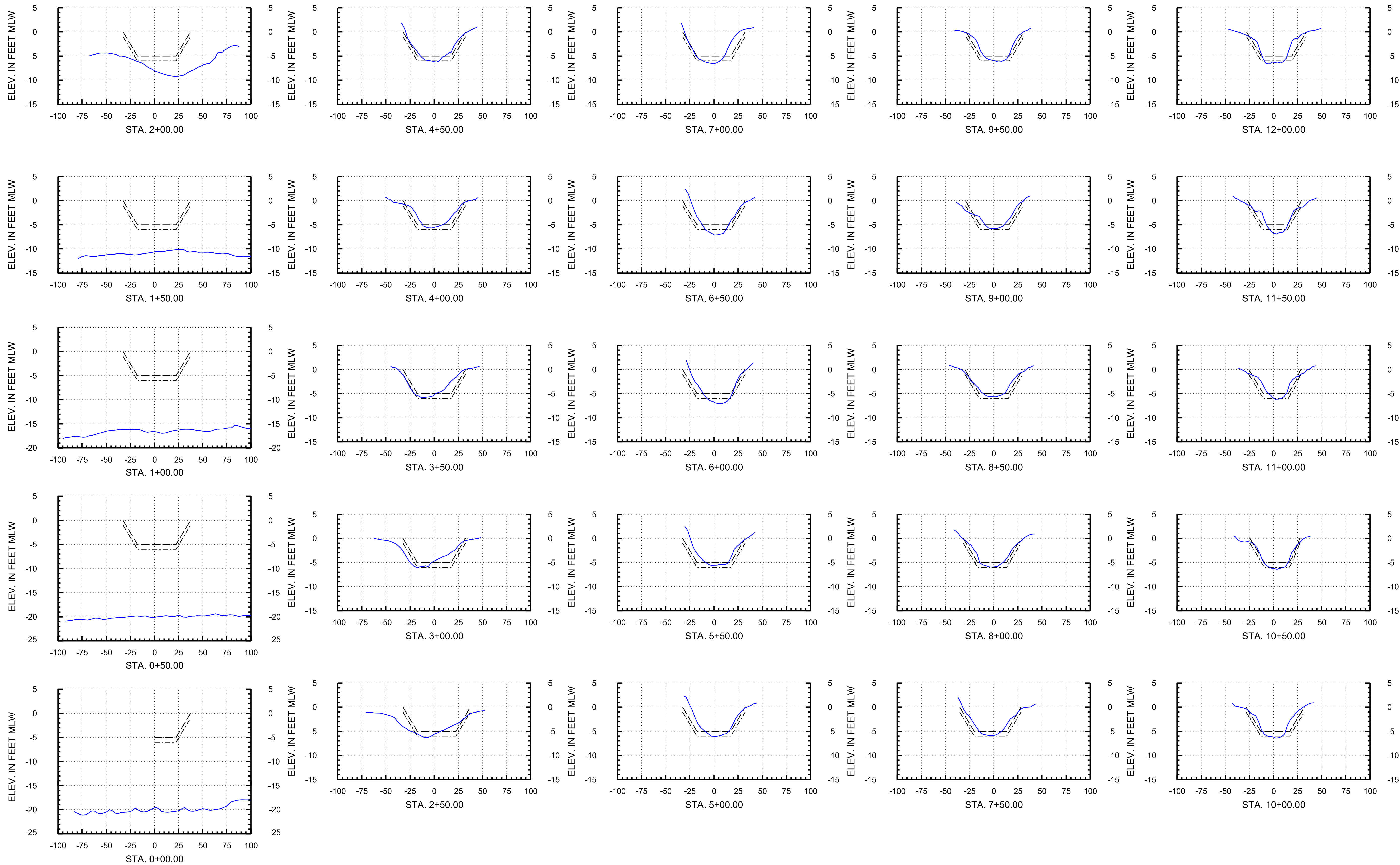
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Baseline 7



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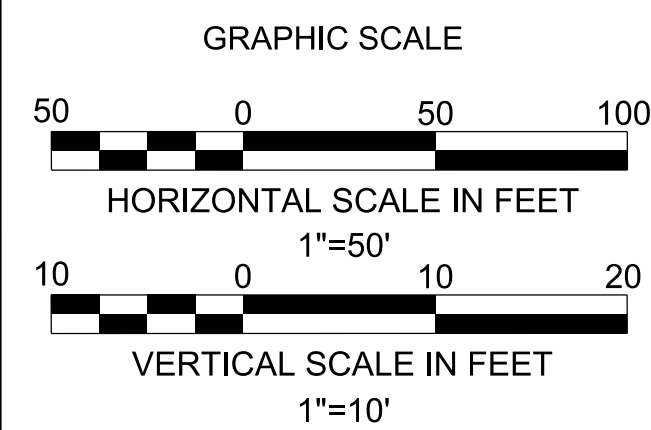
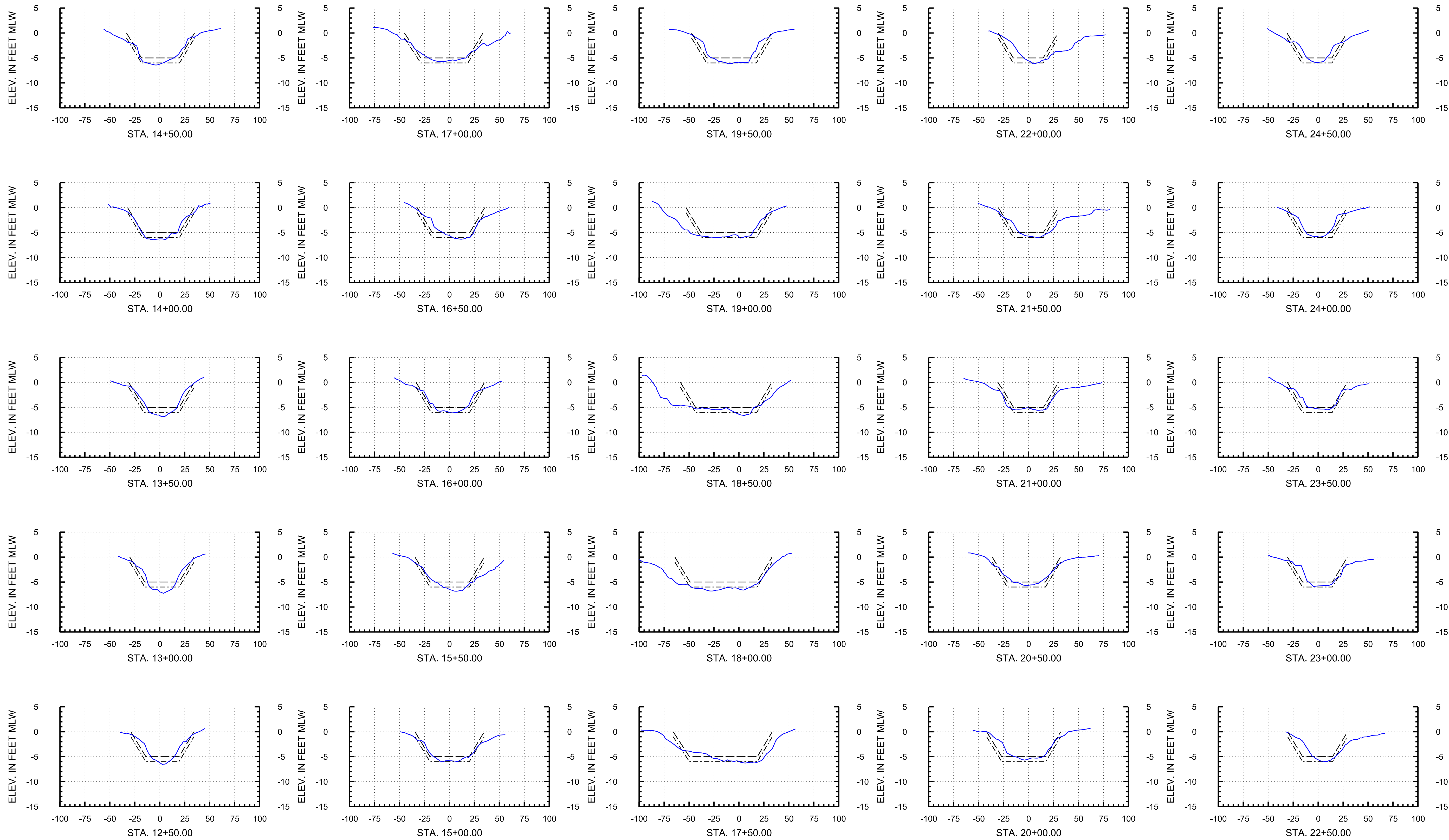
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Baseline 7



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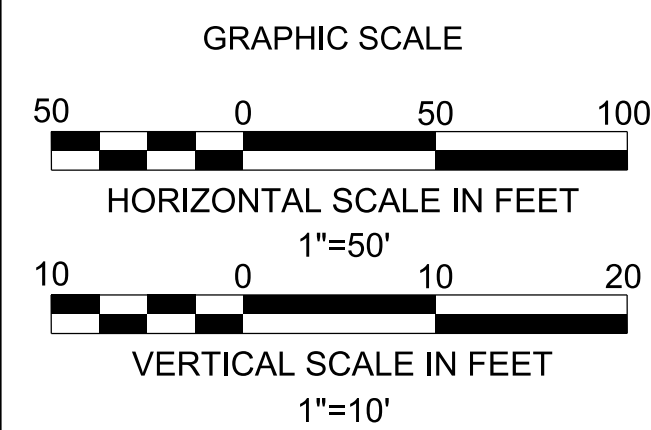
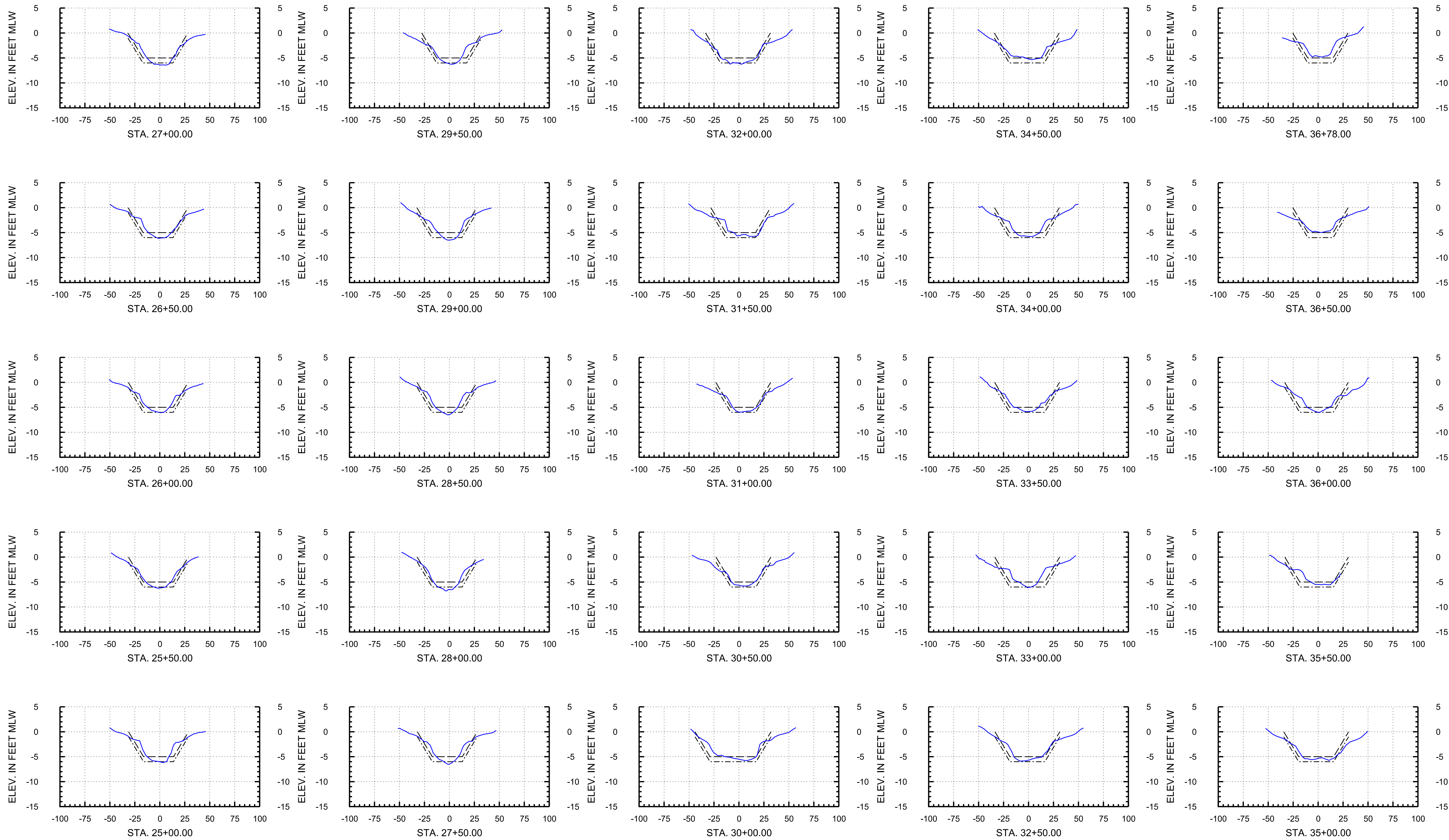
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