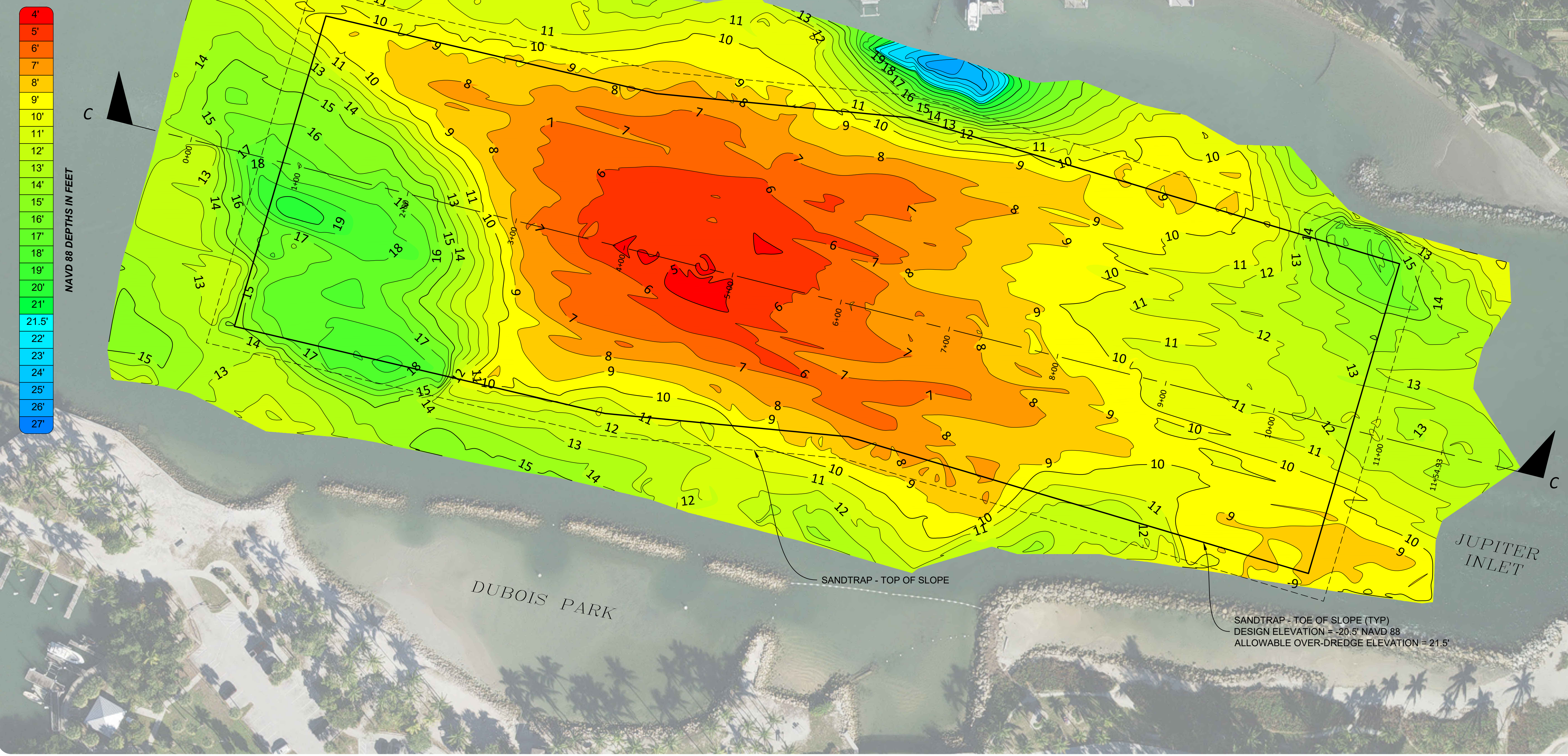
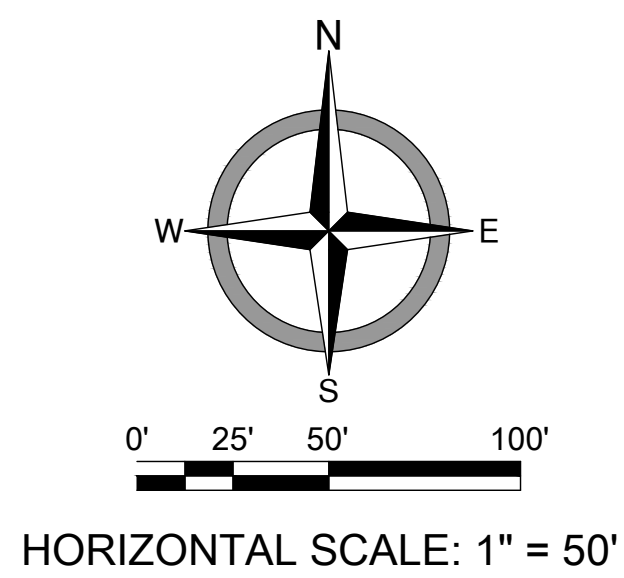


NOTICE: UNDERGROUND AND SUBAQUEOUS IMPROVEMENTS WERE NOT LOCATED AS PART OF THIS SURVEY

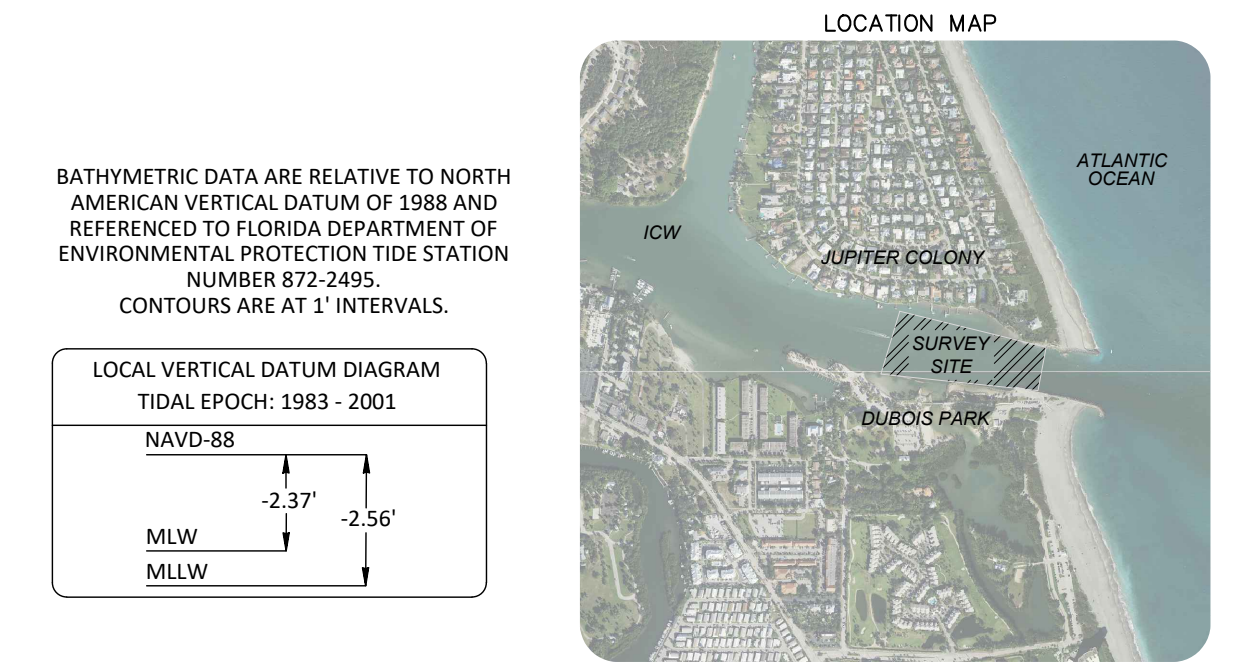
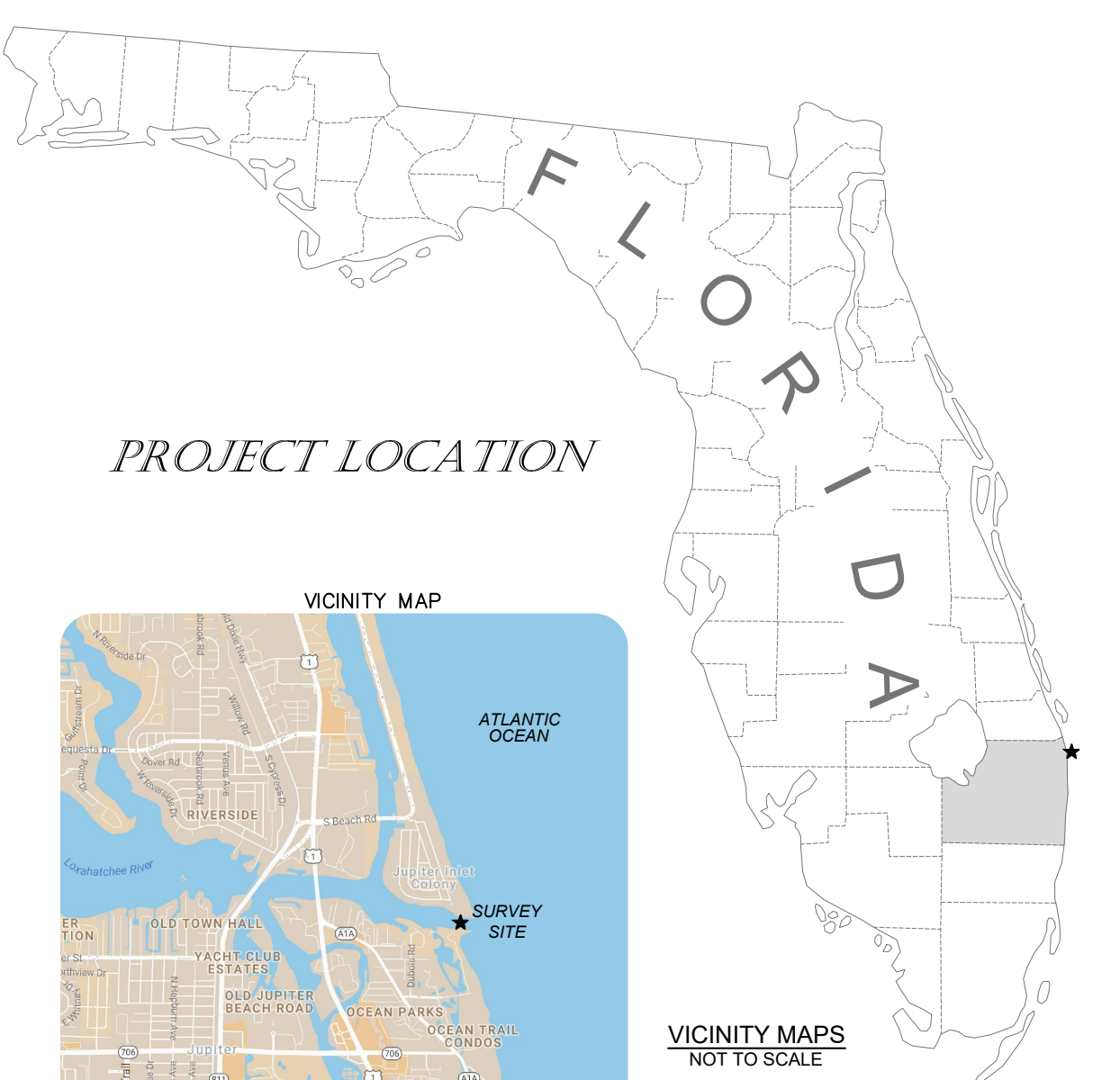
PREPARED FOR:
Ahtna
Marine & Construction Co.
444 W. BOYNTON BEACH BLVD. #E
BOYNTON BEACH, FL 33435

TERRAQUATIC
SURVEYING AND MAPPING
TERRAQUATIC, INC. - PHONE: (561) 806-6085
1220 TANGELO TERR, UNIT A12 - DELRAY BEACH, FLORIDA 33444

CERTIFICATION:
JOSHUA LEE, PSM
FLORIDA REGISTRATION LS7322 - CERTIFICATE OF AUTHORIZATION NO. 7324

JUPITER INLET
SANDTRAP MAINTENANCE DREDGING & BEACH CONSTRUCTION
SANDTRAP PRE-SURVEY - MARCH 14, 2024
JUPITER - PALM BEACH COUNTY, FLORIDA

BATHYMETRIC SURVEY



SHEET INDEX	
No.	DESCRIPTION
1	COVER / PLAN VIEW
2	CROSS SECTIONS
3	CROSS SECTIONS
3	CROSS SECTIONS

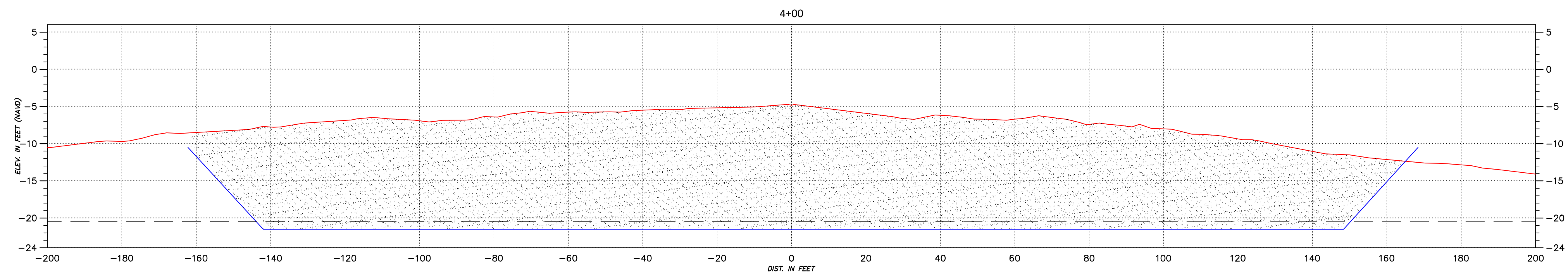
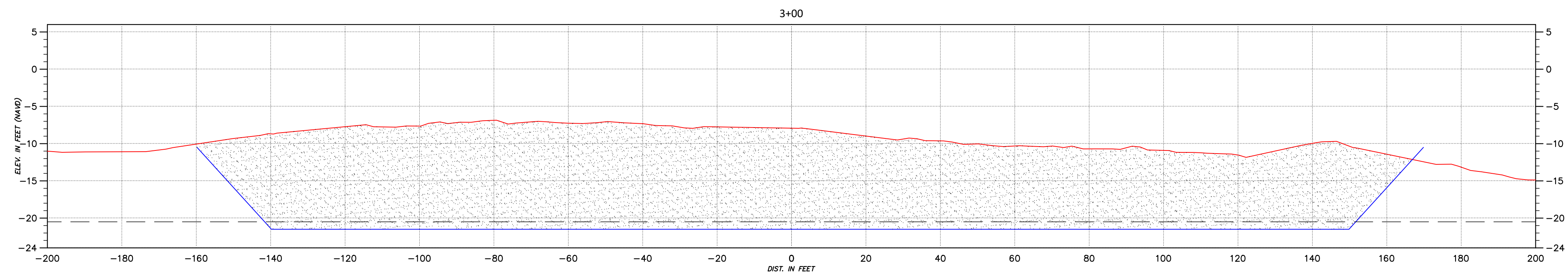
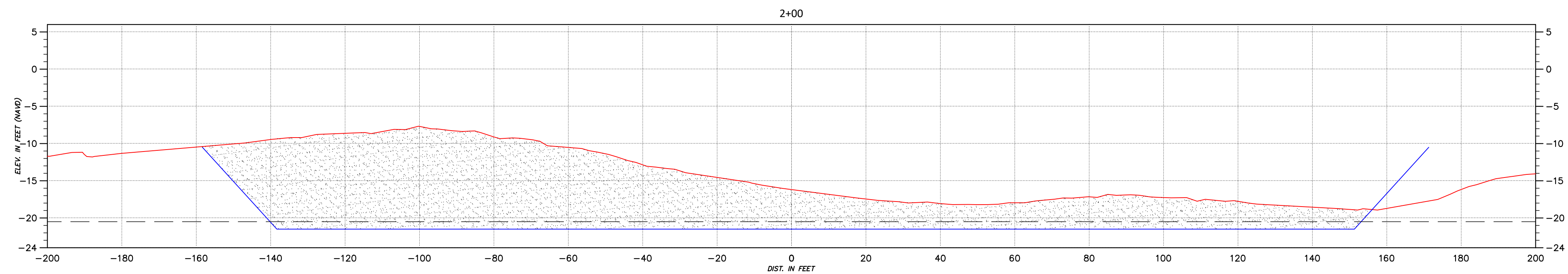
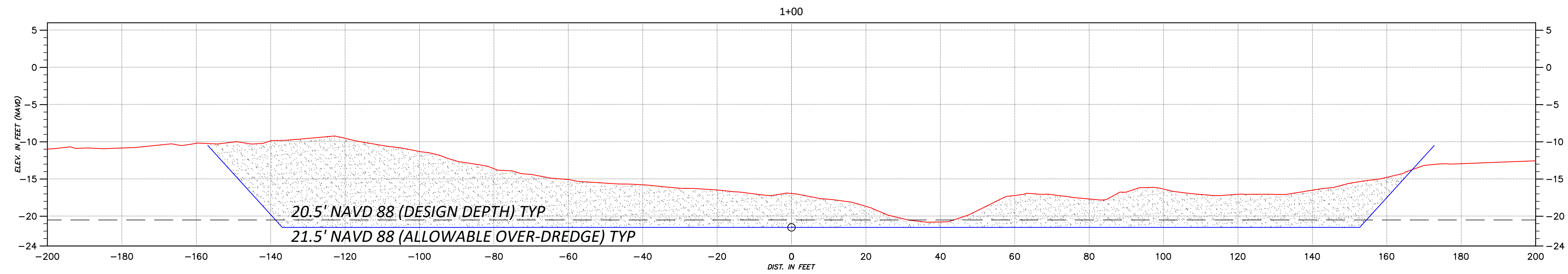
VOLUME ESTIMATE
139,039 CY OF MATERIAL ABOVE DESIGN DEPTH OF 21.50' NAVD 88 (CALCULATION CONFINED TO LIMITS OF THE SANDTRAP, AS SHOWN)

- SURVEY NOTES:**
- THIS IS A BATHYMETRIC SURVEY AS DEFINED IN THE STANDARDS OF PRACTICE FOR SURVEYING AND MAPPING IN CHAPTER 51-17 FLORIDA ADMINISTRATIVE CODE.
 - THIS SURVEY WAS CONDUCTED ON MARCH 14, 2024.
 - REFER TO SURVEY NO. 23-1781.
 - THIS SURVEY IS CERTIFIED TO AHTNA MARINE & CONSTRUCTION COMPANY.
 - THIS SURVEY IS INTENDED EXCLUSIVELY FOR THE USE BY THOSE TO WHOM IT IS CERTIFIED. IT IS NOT TO BE USED BY OTHERS FOR CONSTRUCTION, PERMITTING, DESIGN OR ANY OTHER USE WITHOUT THE WRITTEN CONSENT OF TERRAQUATIC, INC.
 - THIS SURVEY, AND ANY REPRODUCTION THEREOF, IS NOT VALID WITHOUT AN ORIGINAL OR VERIFIED DIGITAL SIGNATURE AND SEAL OF A FLORIDA REGISTERED SURVEYOR. ADDITIONALLY, THIS SURVEY IS NOT VALID IF PRINTED BEARING A DIGITAL SIGNATURE AND SEAL.
 - THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1 INCH = 80 FEET OR SMALLER.
 - UNDERGROUND UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY.
 - GEOGRAPHIC AND PLANE COORDINATES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICA DATUM OF 1983, 1990 ADJUSTMENT (NAD 83/90), FLORIDA STATE PLANE, EAST ZONE (0901), TRANSVERSE MERCATOR PROJECTION IN THE U.S. SURVEY FOOT UNIT OF MEASUREMENT.
 - LOCATIONS OF ALL IMPROVEMENTS WERE OBTAINED USING REAL TIME KINEMATIC GPS METHODOLOGIES WITH BROADCAST CORRECTIONS FROM THE TRIMBLE VIRTUAL REFERENCE NETWORK AND ARE ACCURATE TO THIRD ORDER, CLASS II.
 - THE SPECIFIC PURPOSE OF THIS SURVEY IS TO SHOW THE ACCUMULATION OF MATERIAL WITHIN JUPITER INLET SANDTRAP AND PROVIDE A QUANTITY OF MATERIAL ABOVE THE SANDTRAP DESIGN DEPTH FOR A CONTRACTED DREDGE PROJECT.
 - BATHYMETRIC DATA WERE COLLECTED UTILIZING AN ODOM CV100 SURVEY GRADE SOUNDER WITH A 200KHZ TRANSDUCER IN CONJUNCTION WITH REAL TIME KINEMATIC GPS METHODOLOGIES WITH BROADCAST CORRECTIONS FROM THE TRIMBLE VIRTUAL REFERENCE NETWORK AND ARE ACCURATE TO THIRD ORDER, CLASS II.
 - HYDROGRAPHIC DATA ARE IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988.
 - CONTOURS SHOWN HEREON WERE COMPUTER GENERATED AND INTERPOLATED FROM SURVEY DATA COLLECTED ALONG FIFTY FOOT (50') SPACED TRANSECTS AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL SEAFLOOR CONDITIONS EXISTING AT THE TIME OF THE SURVEY.
 - DEPTHS SHOWN HEREON ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A PLUS (+).
 - MARINE IMPROVEMENTS SHOWN HEREON WERE NOT FIELD LOCATED AND ARE SHOWN FOR GRAPHICAL PURPOSES ONLY.
 - ALL VOLUME CALCULATIONS PERFORMED BY TIN TO TIN MODEL COMPARISON USING HYPACK 2024 SOFTWARE.

CERTIFICATION:
I HEREBY CERTIFY THAT THE ATTACHED BATHYMETRIC SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED UNDER MY DIRECTION ON MARCH 14, 2024. I FURTHER CERTIFY THAT THIS SPECIFIC PURPOSE SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH IN CHAPTER 51-17 ADOPTED BY THE FLORIDA BOARD OF SURVEYORS AND MAPPERS PURSUANT TO FLORIDA STATUTE 472.027.

LEGEND:
APX APPROXIMATE
C CENTERLINE
LB LICENSED BUSINESS
PSM PROFESSIONAL SURVEYOR AND MAPPER
MLW MEAN LOW WATER
NAVD-88 NORTH AMERICAN VERTICAL DATUM OF 1988
MLLW MEAN LOWER LOW WATER
TYP TYPICAL

DRAWN BY: JRL	PROCESSED BY: BL	SHEET 1 of 4
JOB No.: 23-1781	DATE: 3/15/24	
REV	DESCRIPTION	
	DATE	



1 HORIZONTAL = 2 VERTICAL

PREPARED FOR:



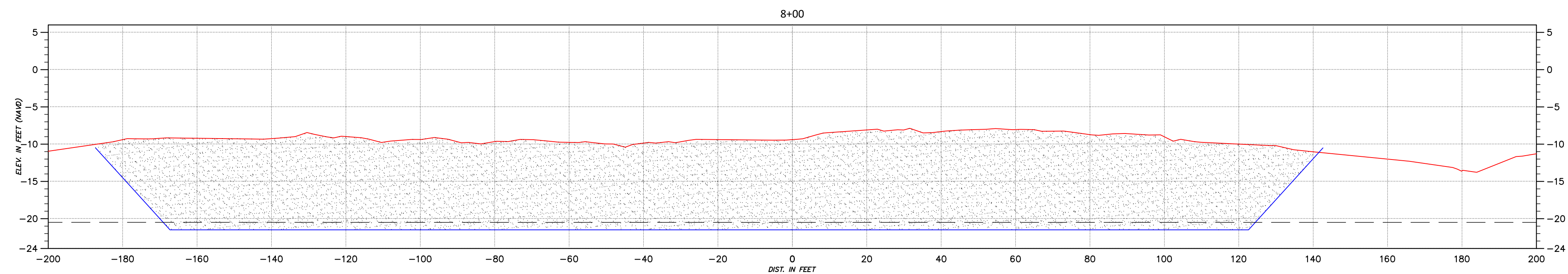
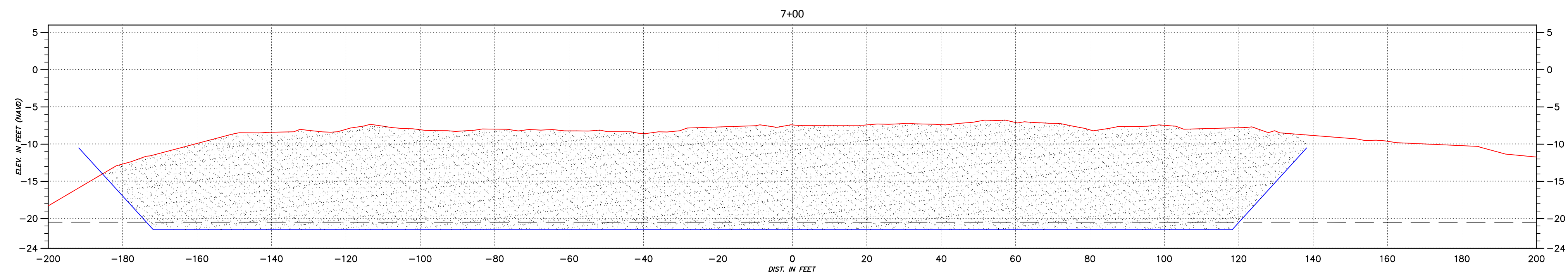
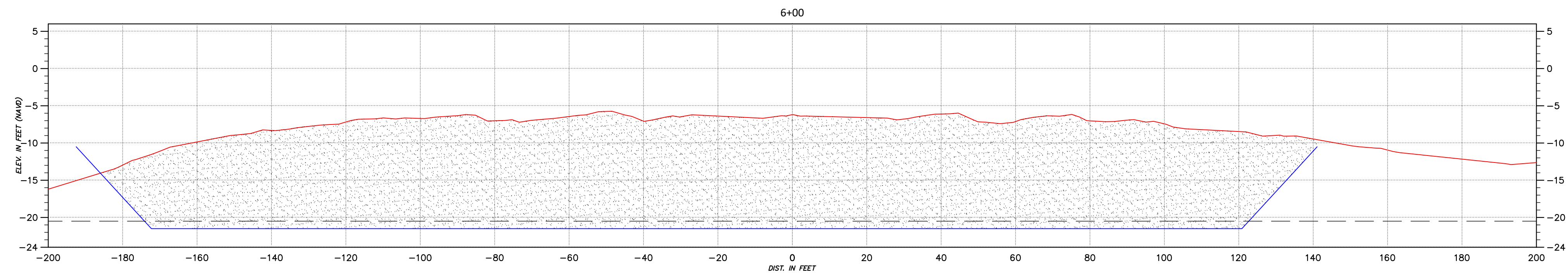
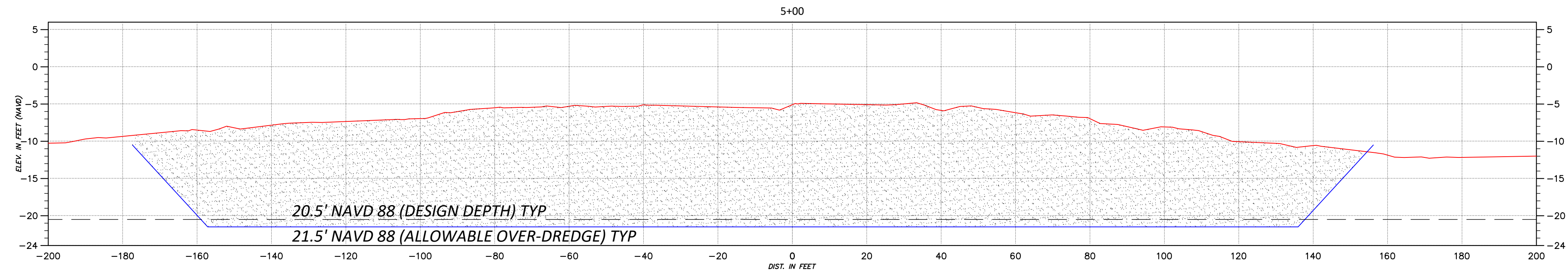
TERRAQUATIC, INC. - PHONE: (561) 806-6085
1220 TANGELO TERR, UNIT A12 - DELRAY BEACH, FLORIDA 33444

JUPITER INLET
SANDTRAP MAINTENANCE DREDGING & BEACH CONSTRUCTION
CROSS SECTIONS: 1+00 - 4+00
JUPITER - PALM BEACH COUNTY, FLORIDA

DRAWN BY: JRL		CHECKED BY: BL
JOB No.: 23-1781		DATE: 3/15/24
REV	DESCRIPTION	DATE

SHEET

2
of 4



1 HORIZONTAL = 2 VERTICAL

PREPARED FOR:

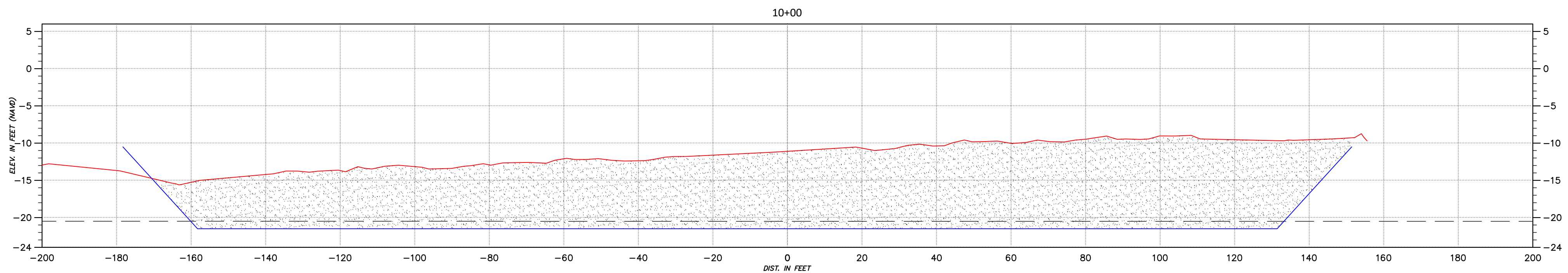
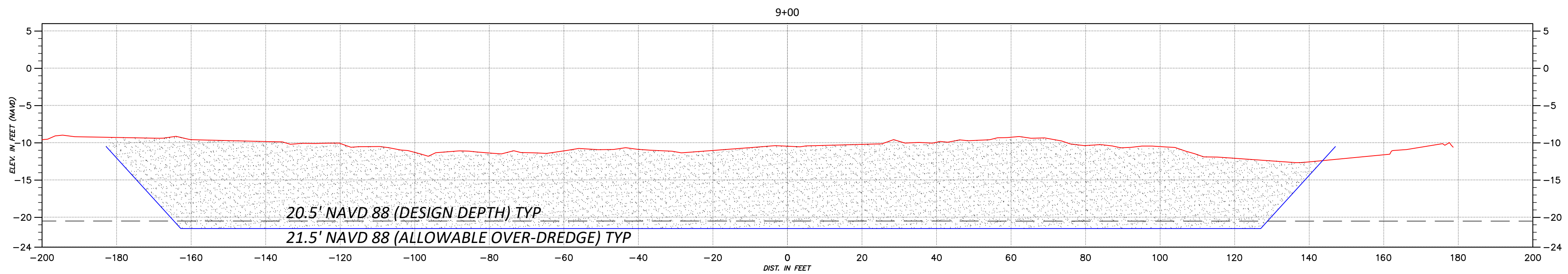


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JUPITER INLET
SANDTRAP MAINTENANCE DREDGING & BEACH CONSTRUCTION
CROSS SECTIONS: 5+00 - 8+00
JUPITER - PALM BEACH COUNTY, FLORIDA

DRAWN BY: JRL		CHECKED BY: BL
JOB No.: 23-1781		DATE: 3/15/24
REV	DESCRIPTION	DATE

SHEET
3
of 4



1 HORIZONTAL = 2 VERTICAL

PREPARED FOR:



TERRAQUATIC, INC. - PHONE: (561) 806-6085
1220 TANGELO TERR, UNIT A12 - DELRAY BEACH, FLORIDA 33444

JUPITER INLET
SANDTRAP MAINTENANCE DREDGING & BEACH CONSTRUCTION
CROSS SECTIONS: 9+00 - 10+00
JUPITER - PALM BEACH COUNTY, FLORIDA

DRAWN BY: JRL		CHECKED BY: BL
JOB No.: 23-1781		DATE: 3/15/24
REV	DESCRIPTION	DATE

SHEET
4
of 4