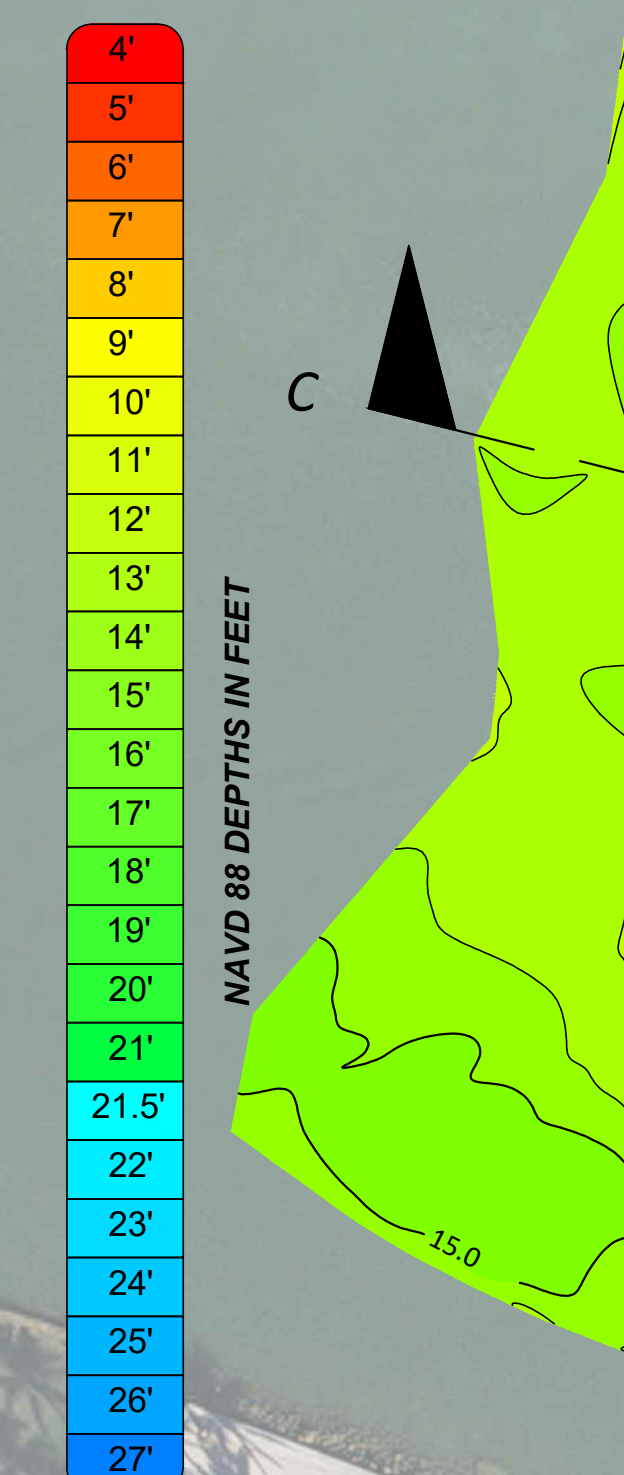


PREPARED FOR:

Ahtna
Marine & Construction Co.
444 W. BOYNTON BEACH BLVD
BOYNTON BEACH, FL 33435



CERTIFICATION:

JOSHUA LEE, PSM

FLORIDA REGISTRATION LS7322 - CERTIFICATE OF AUTHORIZATION NO. 7322

JUPITER INLET
SANDTRAP MAINTENANCE DREDGING & BEACH CONSTRUCTION
SANDTRAP INTERIM - SURVEY - APRIL 11, 2024
JUPITER - PALM BEACH COUNTY, FLORIDA

FLORIDA

PROJECT LOCATION

VICINITY MAP

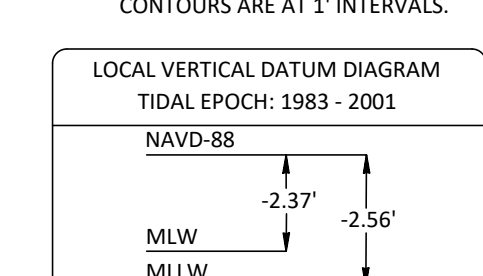
ATLANTIC OCEAN

SURVEY SITE

VICINITY MAPS
NOT TO SCALE



BATHYMETRIC DATA ARE RELATIVE TO NORTH
AMERICAN VERTICAL DATUM OF 1988 AND
REFERENCED TO FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION TIDE STATION
NUMBER 872-2495.



VOLUME ESTIMATE

102,150 CY OF MATERIAL REMAIN ABOVE
DESIGN DEPTH OF 21.50' NAVD 88

TOTAL REMOVED TO DATE 42,733 CY
(CALCULATION CONFINED TO LIMITS
OF THE SANDTRAP, AS SHOWN)

- SURVEY NOTES:**
1. THIS IS A BATHYMETRIC SURVEY AS DEFINED IN THE STANDARDS OF PRACTICE FOR SURVEYING AND MAPPING IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE.
 2. THIS SURVEY WAS CONDUCTED ON APRIL 11, 2024
 3. REFER TO SURVEY NO. 23-1783
 4. THIS SURVEY IS CERTIFIED TO AHNTA MARINE & CONSTRUCTION COMPANY
 5. 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 TERRACON, INC.
 6. 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 ANYTHING IS WRITTEN OR PRINTED OVER THE ORIGINAL SIGNATURE AND SEAL.
 7. THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1 INCH = 50 FEET OR SMALLER.
 8. UNDERGROUND UTILITIES WERE NOT LOCATED AT PART OF THIS SURVEY.
 9. GEOGRAPHIC AND PLANE COORDINATES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICA DATUM OF 1983, 1990 ADJUSTMENT (NAD83), FLORIDA STATE PLANE, EAST ZONE (0901), TRANSVERSE MERCATOR PROJECTION IN THE U.S. SURVEY FOOT UNIT OF MEASUREMENT.
 10. 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.
 11. THE SPECIFIC PURPOSE OF THIS SURVEY IS TO SHOW THE ACCUMULATION OF MATERIAL WITHIN JUPTER INLET SANDTRAP AND PROVIDE A QUANTITY OF MATERIAL ABOVE THE SANDTRAP DESIGN DEPTH FOR A CONTRACTED QUANTITY OF DREDGE.
 12. 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.
 13. HYDROGRAPHIC DATA ARE IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988.
 14. 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.
 15. THE SHOWN HEREON ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A PLUS (+).
 16. MARINE IMPROVEMENTS SHOWN HEREON WERE NOT FIELD LOCATED AND ARE SHOWN FOR GRAPHICAL PURPOSES ONLY.
 17. THIS SURVEY WAS PREPARED BY TERRACON TO THE MODEL CONTRACTOR/CLIENTS: WPAAC 2024 SOFTWARE

		<u>LEGEND:</u>	
<u>CERTIFICATION:</u>		APX	APPROXIMATE
I HEREBY CERTIFY THAT THE ATTACHED BATHYMETRIC SURVEY IS		CL	CENTERLINE
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF		LB	LICENSED BUSINESS
I SURVEYED UNDER MY DIRECTION ON APRIL 11, 2024, 1		PSM	PROFESSIONAL SURVEYOR AND MAPPER
FURTHER CERTIFY THAT THIS SPECIFIC PURPOSE SURVEY MEETS		MLW	MEAN LOW WATER
THE STANDARDS OF PRACTICE AS SET FORTH IN CHAPTER 5-M-17		MWD-88	NORTH AMERICAN VERTICAL DATUM OF 1988
ADOPTED BY THE FLORIDA BOARD OF SURVEYORS AND MAPPERS		MLWL	MEAN LOWER LOW WATER

[illegible]