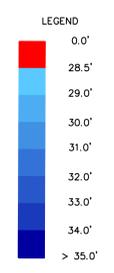


PROJECT DEPTH 27.5 FT.  
 C.L. AZ = 46° - 43' - 45.2"



- NOTES:
- THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.
  - THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:  
 HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.  
 VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
  - THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:  
 POSITIONING: APPLINX POS-MV4 W/DGPS CORRECTIONS, U.S.C.G. BEACON #838  
 MOTION COMPENSATION: APPLINX POS-MV4  
 SONAR: RSONIC 2024 (MULTIBEAM TRANSDUCER)  
 SOFTWARE: HYPACK 2015
  - TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:  
 LAKE ST CLAIR GAUGE, MI (#9034052)
  - THE EDITED MULTIBEAM DATA WAS SORTED INTO A 20 FT. BY 20 FT. MATRIX WHERE THE AVERAGE MINIMUM SOUNDING WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	EXISTING CONDITIONS PECHE ISLAND RANGE LAKE ST CLAIR, MI CS 288+00 TO CS 323+00	
DRAWN BY: J.K.P.	DATE OF SURVEY: 16 SEPTEMBER 2015	
CHECKED BY: C.V.L.	SCALE 1" = 100' 	
		SHEET 9 of 15