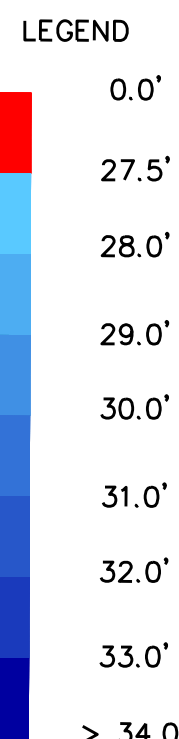




PROJECT DEPTH 27.5 FT.  
C.L. AZ° = 46-43'-45.2"



### 27.5 ft. PROJECT DEPTH CONTOUR

- 1) THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.
- 2) 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.
- 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:  
POSITIONING: AGPS, GPS, DGPS CORRECTIONS, U.S.C.G. BEACON #838  
MOTION COMPENSATION: APPLIX POS-MV4  
SONAR: R2SONIC 204A (MULTIBEAM TRANSDUCER)  
SOFTWARE: HYPACK 2015
- 4) TIDE CORRECTIONS VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) MEAN LEVEL STATION(S) AS FOLLOWS:  
ST CLAIR SHORES, MI (#9034052)
- 5) THE EDITED MULTIBEAM DATA WAS SORTED INTO A 20 FT. BY 20 FT. MATRIX WHERE THE MINIMUM SOUNDING WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

 <p>US ARMY CORPS OF ENGINEERS DETROIT DISTRICT</p>	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	EXISTING CONDITIONS PECHE ISLAND RANGE LAKE ST CLAIR, MI CS 00+00 TO CS 35+00	
DRAWN BY: B.R.		
CHECKED BY: C.V.L.	DATE OF SURVEY: 24 AUGUST 2017	
 <p>SCALE 1" = 100'</p>		SHEET <u>1</u> OF <u>15</u>