





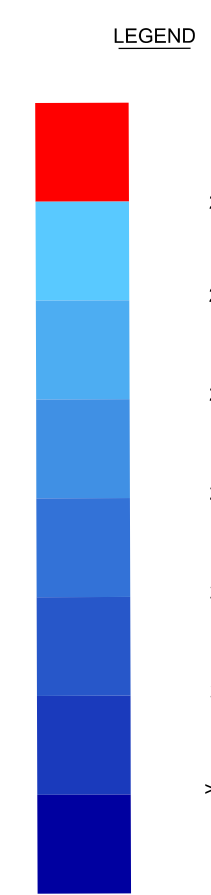


HORIZONTAL CONTROL	
	THIRD ORDER
	LESS THAN THIRD ORDER
	THIRD ORDER & BENCHMARK
	VALUE UNKNOWN
VERTICAL CONTROL	
	BENCHMARKS
	

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
69	13,251,127.11	738,459.50
71	13,251,081.41	737,953.94
74	13,250,837.02	738,156.23

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
25	13,251,028.31	738,477.31
26	13,250,980.51	737,948.54



NOTES:

- 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 HEREON 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 #613, NORTH AMERICAN DATUM (NAD) OF 1983.  
  
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.  
L.W.D. = 977.9 UNLESS OTHERWISE NOTED.
- 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:  
  
POSITIONING: APPLANIX POS-MV4 W/VR5-RTK OR MARINESTAR G2+  
MOTION COMPENSATION: APPLANIX POS-MV4  
SONAR: R2 SONIC 2024  
SOFTWARE: HYPACK 2018
- 4) WATER LEVELS USED WERE REFERENCED TO TBM ZILL RAMP AND TBM BLOCK.
- 5) THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT. DERIVED FROM A 1 FOOT BY 1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS NOT PROVIDED FOR STRIKES/SHOAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.