



**L.W.D. 573.0'**

**PROJECT DEPTH 27.3'**

**LEGEND**

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

**LOW WATER DATUM**

ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON SHEET. THEY ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985)

**GRID COORDINATES**

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES. STATE OF MICHIGAN, SOUTH ZONE (1213), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

ALL COORDINATES ARE IN U.S. SURVEY FEET.

**DIRECTIONS**

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZER0.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING. ALL DEPTHS ARE IN U.S. SURVEY FEET.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY ROBERT R. SCHLEWEK AND JAMES P. BYRNE, ABOARD THE USACE SURVEY VESSEL "WHEELER".

**AUTOMATED EQUIPMENT USED**

POSITIONING: TSS POS-MV  
 SWATH: HYPACK W/SEMP  
 SOUNDING: RESON SEABAT 8125

**NOTES**

- GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA MICHIGAN GAGES AT ALCONAC [901470] (1985) AND ST. CLAIR SHORES [903405] (025). VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON B38, LOCATED AT FORT WYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ. 200 WPS
- DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM AND DOOM DIGIBAR PORT VELOCITY PROFILER.
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE SHALLOWEST SOUNDING LOCATED IN EACH CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

7.3' PROJECT DEPTH CONTOUR

SCALE 1" = 100'

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NO.	DATE	REVISION	BY
1.	16 OCT 2008	UPDATED NOTES	RWP
2.	16 OCT 2008	PLACED SOUNDINGS AND CONTOURED	RWP

  

DESIGNED BY:	DETROIT AREA OFFICE	19 AUG 2008	
DRAWN BY:	RWP		
CHECKED BY:			
REVIEWED BY:			
SUBMITTED BY:			
APPROVED:			

SCALE AS SHOWN

DRAWING NUMBER: SCT1060808.dgn

SHEET: 10 OF 54