

PROJECT DEPTH 27.5' (west half)

PROJECT DEPTH 21.0' (east half)

L.W.D. 569.8' L.W.D. 569.9'

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.

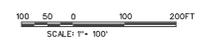
LOW WATER DATUM
 ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON THE SHEET. THEY ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985)

GRID COORDINATES
 GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE, (2115), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS
 ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.
 PROJECT DEPTHS ARE AS SHOWN ON DRAWING.
 THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY FRED LEOCH, PARTY CHIEF, ABOARD THE USACE SURVEY VESSEL WHEELER.

AUTOMATED EQUIPMENT USED
 POSITIONING SYSTEM: TRS POS-MV
 DATA PROCESSOR: DELL 350 PC
 SOFTWARE: HYPACK
 FLIGHTER: CAGNET 2
 MULTI-BEAM SONAR: RESON SEABAT 8125

- NOTES**
- GAGES WERE OBTAINED FROM CANADIAN GAGE AT AMHERSTBURG BY TELEPHONE AND A ESTABLISHED TEMPORARY BENCHMARK "LADDER" AT AMHERSTBURG COAST GUARD BASE.
 - POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON #184, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ. 200 BPS
 - DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY:	DETROIT AREA OFFICE		27 MAY 2004
DRAWN BY:	DETROIT RIVER, MICHIGAN		
CHECKED BY:	AMHERSTBURG CHANNEL		
REVIEWED BY:	CS 365+50 TO CS 400+50		
MULTI-BEAM SWEEP SURVEY RESULTS			
MINIMUM STRIKE PLOT			
SUBMITTED BY:	P.E.	APPROVAL RECOMMENDED:	P.E.
CHIEF, PROJ. OPS. SEC.	CHIEF, OPERATIONS TECHNICAL SUPPORT BRANCH	DATE	
CHIEF, CONSTRUCTION - OPERATIONS DIVISION			P.E.
SCALE AS SHOWN			DRAWING NUMBER
SHEET 9 OF 10			Ac9806504.dgn