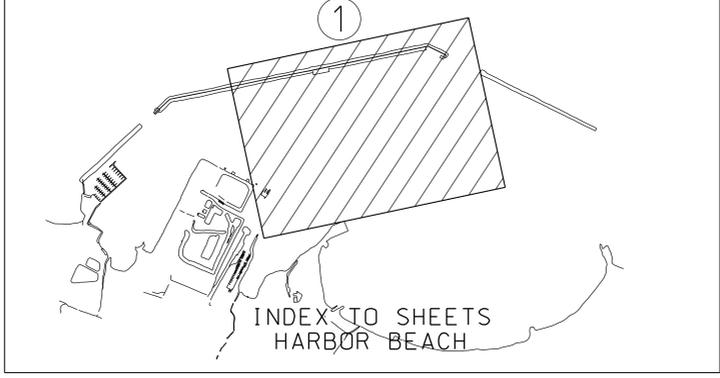


CONTROL POINTS (CORPSCON)			
STATION	EAST	NORTH	
1	13.581.202.38	859.618.94	
2	13.581.185.82	859.882.94	
3	13.581.021.62	860.062.84	
4	13.580.596.34	860.542.27	
5	13.579.701.76	861.540.64	
KURT	13.579.300.57	862.000.63	
IRON	13.581.190.20	859.577.94	
PT. C	13.581.174.52	859.878.09	

CONTROL POINTS (G.P.S.)			
STATION	EAST	NORTH	
CHAMPLAIN	13.578.133.07	859.603.53	

PROJECT LIMIT TURNING POINTS			
STATION	EAST	NORTH	
T.P. A	13.581.231.42	859.066.04	
T.P. B	13.581.093.15	858.958.75	
T.P. C	13.579.961.56	858.899.63	
T.P. D	13.579.919.81	859.498.18	
T.P. E	13.578.251.36	861.346.58	
T.P. F	13.579.067.95	862.083.61	
T.P. G	13.581.103.47	859.828.64	
T.P. H	13.581.051.40	859.557.30	
T.P. I	13.581.207.25	859.465.30	

NAVIGATIONAL AIDES			
STATION	EAST	NORTH	
L.L. 9505	13.581.143.6	859.592.0	



LEGEND

The information depicted on this map represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

LOW WATER DATUM
All depths and project depths are referred to Low Water Datum elevation 577.5 Ft. above Mean Water Level at Father Point, I.C.L.D., 1985.

GRID COORDINATES
Grids shown are based on the National Geodetic Survey Projection Tables, State of Michigan, South Zone (2113), Lambert Projection, 1983 North American Datum, US SURVEY FOOT.

Navigation Buoys
Location of navigation buoys represents that general location on the date of the survey and cannot be considered for navigation.

Project Information
Project Depth - AS NOTED
21.0 Ft. contour shown thus ---
23.0 Ft. contour shown thus - - - - -

Survey Information
Survey by: R. Delestowicz
Date of Survey: SEE NOTE
Position system: Starlink DGPS via Coast Guard System
Sonic sounder: Inrange 448
Transducer: 208 KHZ with 8.0 degree beam angle



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY:	HARBOR BEACH, MI		
DRAWN BY:	CONDITION JUNE, 2004		
CHECKED BY:	SAGINAW FIELD OFFICE		
REVIEWED BY:	APPROVAL RECOMMENDED: _____ DATE _____		
SUBMITTED BY:	CHIEF, CONSTRUCTION OPERATIONS DIVISION		
APPROVED:	CHIEF, OPERATIONS & MAINTENANCE BR		
SCALE: 1 INCH = 100 FT.		DRAWING NUMBER	
CADD FILE NAME: HBH0104C.DGN		SHT 1 OF 1	