



ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR 0.3 FT. APPLIED.

GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (2113) 1983 NORTH AMERICAN DATUM, U.S. SURVEY FOOT.

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 EXISTING AT THAT TIME.

VERTICAL WATER LEVEL READINGS WERE TAKEN FROM A FIXED GAGE MARK ALONG THE SHEET STEEL WALL NEAR CROSS SECTION 298+00E IN HOLLAND HARBOR, MI

21 FT. PROJECT DEPTH CHANNEL LIMITS SHOWN THUS:

21 FT. CONTOUR SHOWN THUS:

SURVEYED ON: 13 JUNE 2016
 POSITIONING METHOD: DGPS, USING C. G. BEACON CORRECTIONS
 VESSEL: LAUNCH 3033

NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DRAWN BY		HOLLAND HARBOR, MICHIGAN CONDITION OF CHANNEL JUNE 2016 GRAND HAVEN AREA OFFICE	
DESIGNED BY			
CHECKED BY			
REVIEWED:			
SUBMITTED:			
APPROVED		APPROVAL RECOMMENDED:	DATE
CHIEF, PROJ. OPERS. SEC.		CHIEF, DIST. BRANCH	
CHIEF, CONST. OPNS. DIVISION		SCALE 1" = 100'	
		CADD FILENAME: HOC0706.DGN DRAWING NUMBER	
		SHEET 7 OF 9	

DATE OF PHOTOGRAPHY
19 JULY 1992

