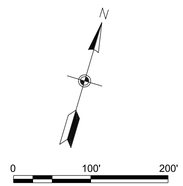
LOCATION MAP



CHANNEL LINE T.P.		
STA.	COORDINATES NORTHING	COORDINATES EASTING
A	573435.73	12618412.21
B	573672.04	12620508.92
BB	573634.27	12621262.68
C	573911.14	12621146.62
CC	573378.09	12620579.45
DD	573129.62	12618374.87
Z1	574160.24	12617877.92
W1	572303.70	12618014.68

CENTER LINE T.P.		
C/L B-1	573278.68	12518358.07
C/L 0	573446.33	12619845.64
C/L 1	573525.06	12620544.18
C/L 2	573772.71	12621204.65

23' LEGEND
- 0.0'
- 23.0'
- 24.0'
- 25.0'
- 26.0'
- >26.0'

21' LEGEND
- 0.0'
- 21.0'
- 22.0'
- 23.0'
- 24.0'
- >24.0'

NOTES:

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 OF 0.3 FT. APPLIED

GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (2113) 1983 NORTH AMERICAN DATUM, U.S. 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 GAGUE MARK ALONG THE SHEET STEEL WALL IN THE GRAND HAVEN GOVERNMENT BASIN.

SURVEYED ON: 31 MAY 2016
SURVEY & POSITIONING METHOD:
TRIMBLE SPS351 DGPS
INNERSPACE 448 SINGLE SOUNDER
VESSEL: LAUNCH 3033

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MI

Lake Michigan Area Office
307 South Harbor Dr
Grand Haven, MI 49417

SURVEYOR: E.D.S.
DWN BY: E.D.S.
REVIEWED BY:
APPROVED BY:
PLOT SCALE: 1" = 100'
IMAGE DATE: March 2008
IMAGE SOURCE: USGS
DRAWING DATE: 31-MAY-216
SUBMITTED BY:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: GrandHaven_May2016.dgn

GRAND HAVEN MICHIGAN

CONDITION OF CHANNEL
MAY 2016

SHEET IDENTIFICATION
VH-101
SHEET 2 OF 6