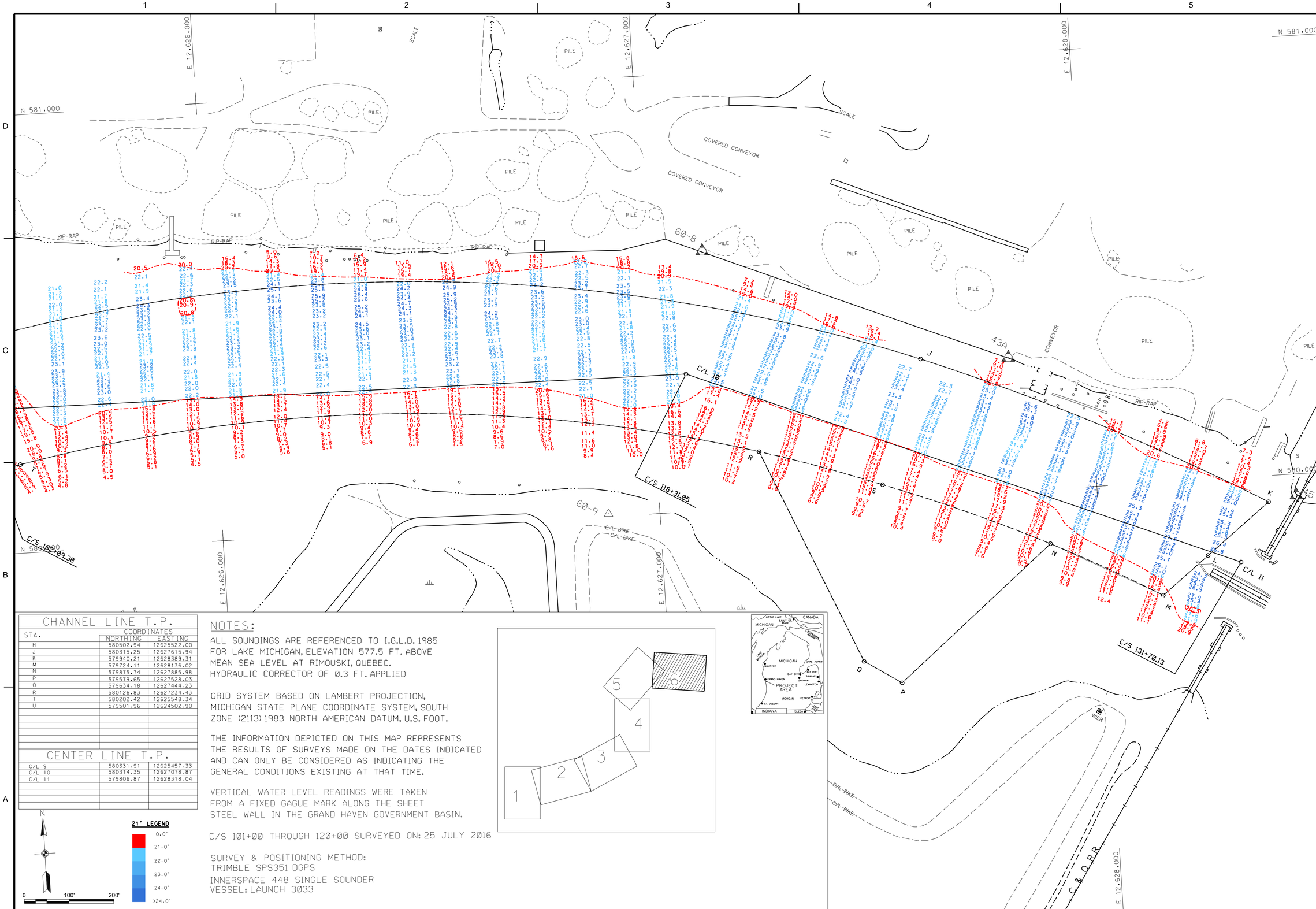

CHANNEL LINE T.P.		
STA.	COORDINATES NORTHING	EASTING
H	580502.94	12625522.00
J	580315.25	12627615.94
K	579940.21	12628389.31
M	579724.11	12628136.02
N	579875.74	12627885.98
P	579579.65	12627528.03
Q	579634.18	12627444.23
R	580126.83	12627234.43
T	580202.42	12625548.34
U	579501.96	12624502.90

CENTER LINE T.P.		
C/L 9	580331.91	12625457.33
C/L 10	580314.35	12627078.87
C/L 11	579806.87	12628318.04

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.

C/S 101+00 THROUGH 120+00 SURVEYED ON: 25 JULY 2016

SURVEY & POSITIONING METHOD:
TRIMBLE SPS351 DGPS
INNERSPACE 448 SINGLE SOUNDER
VESSEL: LAUNCH 3033

N

0 100' 200'

21' LEGEND

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

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DWN BY: EDS | CKD BY: EDS | DATE: 25-July-2016 | SUBMITTED BY: | REVIEWED BY: | CONTRACT NO.: | APPROVED BY: | DATE: | FILE NUMBER: | PLOT SCALE: 1" = 100' | IMAGE DATE: | FILE NAME: Grandhaven_July2016.dgn | SIZE: ANSI D | IMAGE SOURCE:

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

LAKE MICHIGAN AREA OFFICE
307 SOUTH HARBOR DR
GRAND HAVEN, MI 49417

GRAND HAVEN MICHIGAN

AFTER DREDGING
JULY 2016

SHEET IDENTIFICATION
VH-101
SHEET 6 OF 6