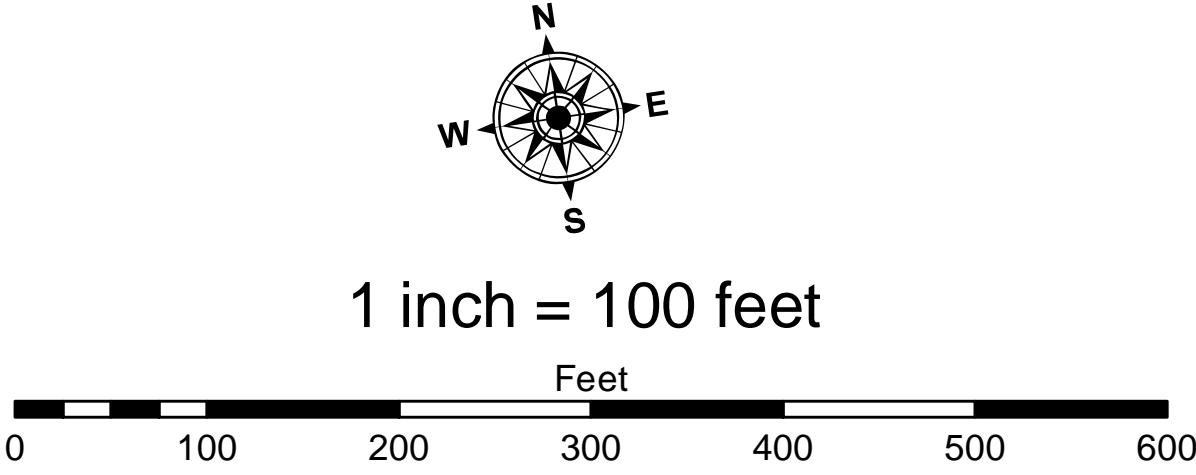


LEGEND	
.....	Cable Submarine
--	Cable Overhead
□	Channel Limits
⊥	Beacon, General
—	Contour Lines
□	Channel Limits

SOUNDING LEGEND	
■	LESS THAN PROJECT DEPTH
■	PROJECT DEPTH
■	PROJECT DEPTH +1'
■	PROJECT DEPTH +2'
■	PROJECT DEPTH +3'
■	PROJECT DEPTH +4'
■	PROJECT DEPTH +5'



- NOTES:
1. THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT. DERIVED FROM A 1 FOOT BY 1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SWAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
 2. GRIDS SHOWN ARE BASED ON THE NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, CENTRAL ZONE (212), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM, US SURVEY FOOT.
 3. ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC.
 4. VERTICAL WATER LEVEL READINGS WERE TAKEN FROM A FIXED GAGE MARK ALONG THE SHEET STEEL WALL NEAR CROSS SECTION 11+00E IN PORTAGE LAKE HARBOR, MI.
 5. PROJECT DEPTH = 12.0 FEET
 6. POSITIONING: APPLANIX POS M/V CORRECTIONS: COMSTAR GNSS G2 SONAR: RESONIC 2024 MULTIBEAM SOFTWARE: HYPACK 2018 VESSEL: LAUNCH 3058
- 2012 AERIAL PHOTOGRAPHY DATA SOURCE: NAIP

Portage Lake Harbor, MI
Portage Lake Harbor
PO_01_TGE_20200916_CS
16 September 2020

Sheet
Reference
Number
1 of 2

Revision Number:
4.1-20191015



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Plotted By:
Checked By:
Submitted:
Recommended:
Approved:

