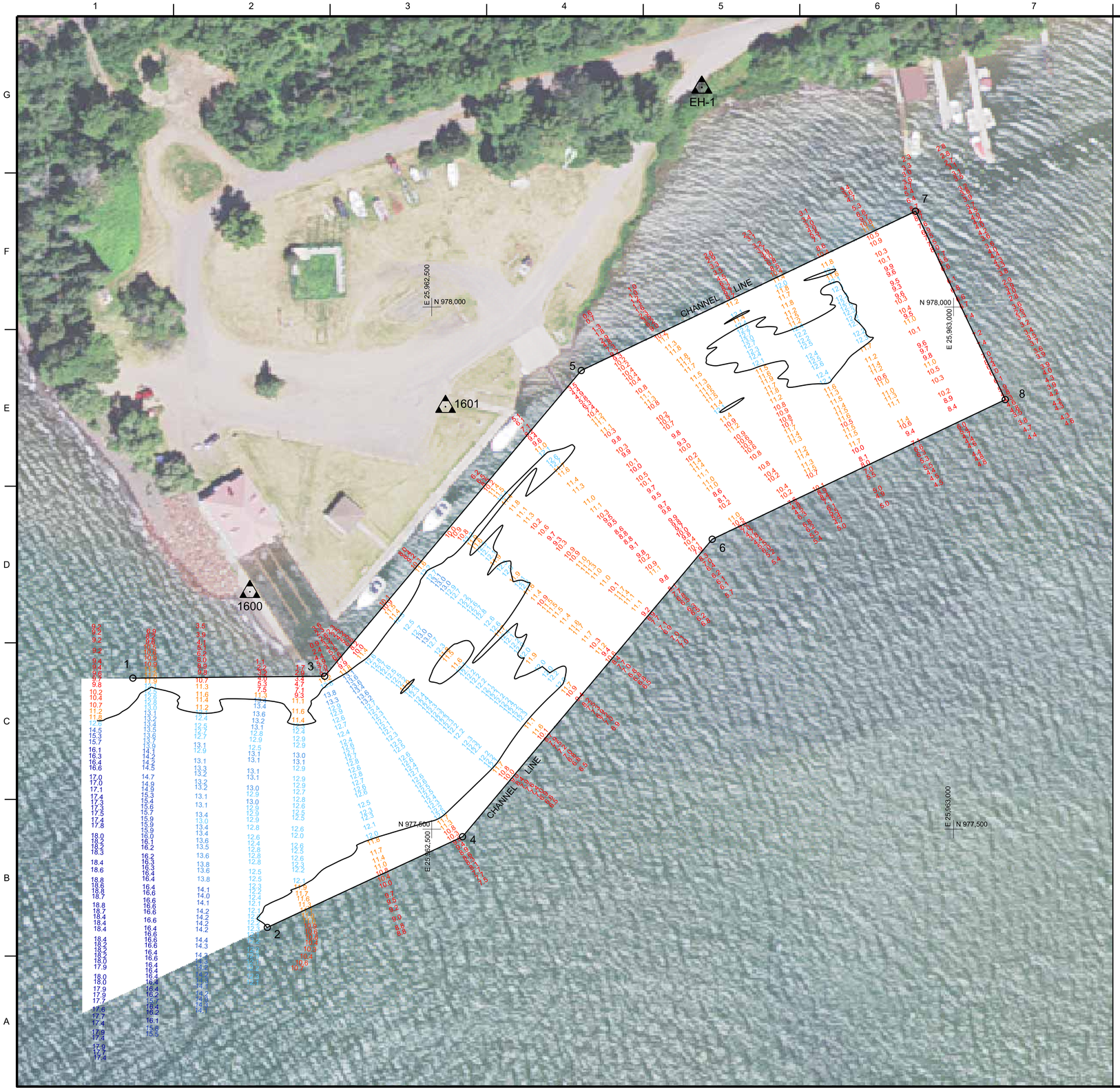

NOTES

1) THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON SEPTEMBER 17, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.

2) SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM ELEVATION 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES THAT HAVE BEEN VERIFIED TO MATCH A MANUAL TIDE READING. DEPTHS WERE MEASURED USING A ROSS LABORATORIES 825C SINGLE BEAM ECHOSOUNDER.

3) HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC (RTK) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) CORRECTIONS FROM A BASE STATION LOCATED AT USACE CONTROL POINT 1601, A PK NAIL SET IN CONCRETE.

4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2251), NORTH AMERICAN DATUM 1983 (NAD 83), US SURVEY FOOT.

5) THE PROJECT DEPTH FOR THIS AREA IS 12.0'.

12' LEGEND

0.0'
11.0'
12.0'
13.0'
14.0'
30.0'

N

0 50' 100'

LEGEND

- HORIZONTAL CONTROL POINT
- NO. — CHANNEL LINE TURNING POINT
- CHANNEL LINE
- PROJECT DEPTH CONTOUR

CONTROL POINTS

STA.	COORDINATES	
	NORTHING	EASTING
EH-1	978210.36	25962758.79
EH-2	977204.76	25964345.78
EH-3	976912.20	25963926.66
EH-4	976826.48	25963048.09
EH-5	976402.77	25961877.66
EH-6	976495.29	25961078.36
EH-7	976378.12	25960180.30
EH-8	977505.05	25959491.63
1600	977727.33	25962325.78
1601	977904.60	25962513.23

CHANNEL LINE POINTS

STA.	COORDINATES	
	NORTHING	EASTING
1	977644.639	25962213.70
2	977405.829	25962342.51
3	977646.415	25962397.46
4	977492.728	25962529.57
5	977939.233	25962643.29
6	977777.635	25962768.76
7	978091.807	25962963.54
8	977911.383	25963049.50

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

SURVEYED BY: KRC / ATA	DATE OF SURVEY: 17-Sep-19
DRAWN BY: KRC	SOURCE OF IMAGERY: NAIP
REVIEWED BY: CAW	DATE OF IMAGERY: 16-Jul-18
APPROVED BY: S. BROSSART	DRAWING DATE: 8-Oct-19
ANSI D	FILE NAME: EAGVH101C191.dgn

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MN 55802

EAGLE HARBOR
MICHIGAN

CONDITION OF CHANNEL
SEPTEMBER 2019

SHEET ID

EAG 1

SHEET 1 OF 1