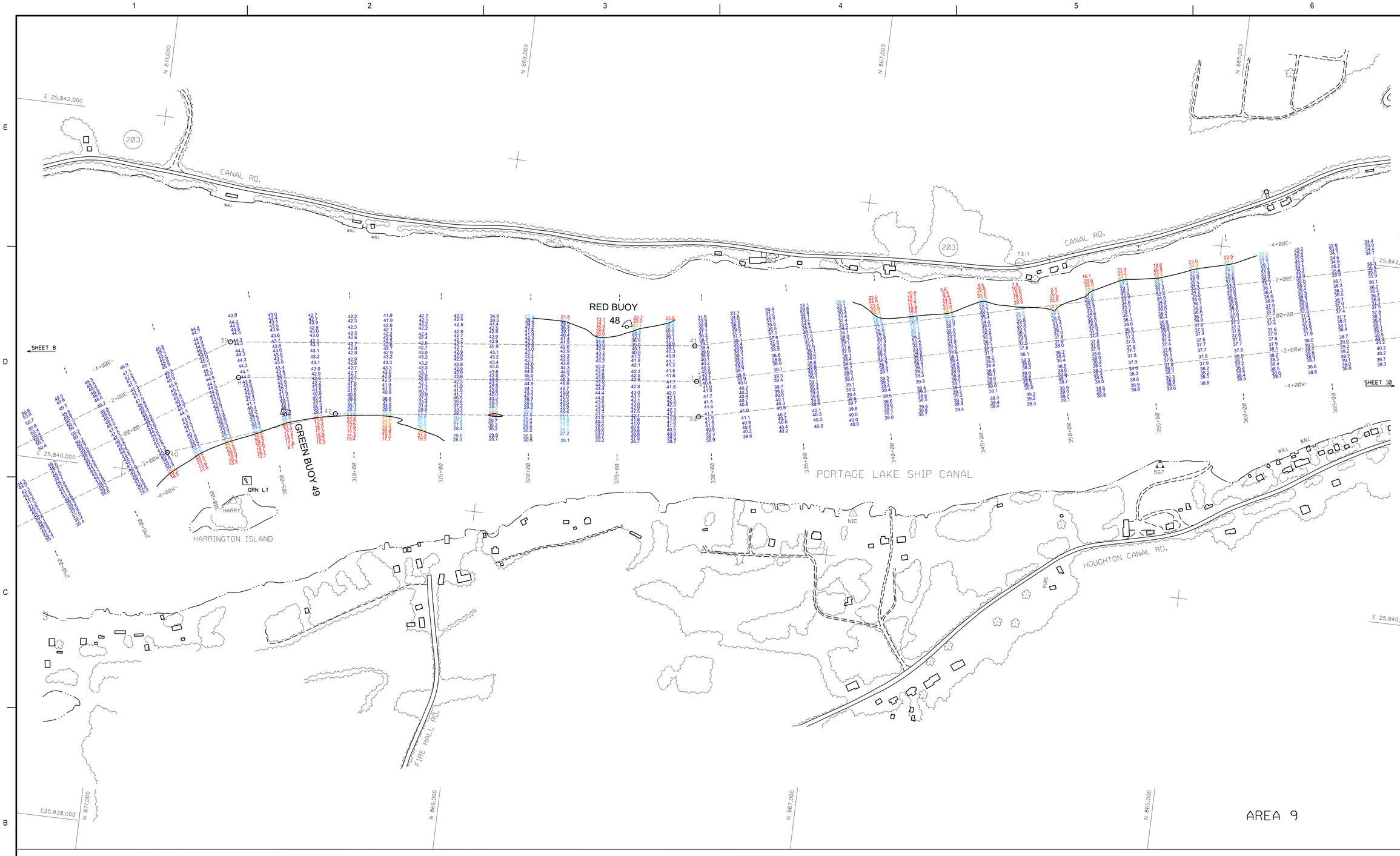

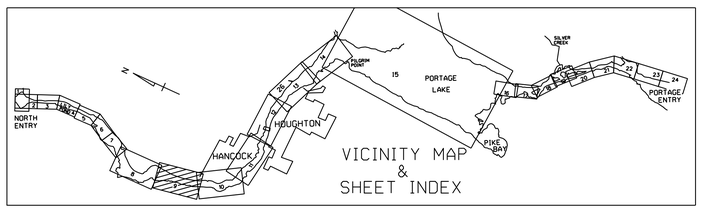

NOTES

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 07, 2018 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
2. SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM (LWD) ELEVATION IS 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A ROSS 825B SINGLE BEAM DEPTH SOUNDER.
3. HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC (RTK) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) CORRECTIONS FROM A BASE STATION LOCATED AT US ARMY CORPS OF ENGINEERS (USACE) CONTROL POINT 112, A PK NAIL SET IN THE ASPHALT GUTTER LINE NEAR THE EDGE OF THE PARKING LOT, AND SOUTHERLY OF THE BOAT RAMP, IN THE CITY OF HANCOCK PARK ON POWER DRIVE. THE GPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER. 4.0.
4. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
5. THE PROJECT DEPTH FOR THIS AREA IS 25'.

25.0' LEGEND

0.0'
23.0'
24.0'
25.0'
26.0'
27.0'
28.0'
29.0'
50.0'

LEGEND

- HORIZONTAL CONTROL POINT
- CHANNEL LINE TURNING POINT
- CHANNEL LINE
- BASELINE
- SHORELINE
- CONTOUR

N

0 200' 400'

COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES	
		NORTHING	EASTING
567	BRASS DISK	865193.486	25840731.919
HARRY	ALUM. CAP	870358.335	25839896.472
NIC	ALUM. CAP	866878.583	25840250.362
ZAC	ALUM. CAP	868784.290	25841551.755
GREEN LT	NAVIG. AID	870290.615	25840206.954
PT. 37	E. CHANNEL LINE	872833.2	25839233.8
PT. 39	E. CHANNEL LINE	870481.4	25840782.5
PT. 41	E. CHANNEL LINE	867879.3	25841079.4
PT. 43	E. CHANNEL LINE	861138.1	25842620.5
PT. 45	E. CHANNEL LINE	858345.8	25843284.3
PT. 47	E. CHANNEL LINE	855215.3	25844174.3
PT. 49	E. CHANNEL LINE	852988.1	25844495.7
PT. G	CENTERLINE	873475.8	25838571.6
PT. H	CENTERLINE	870411.3	25840585.2
PT. I	CENTERLINE	867844.6	25840882.0
PT. J	CENTERLINE	860558.0	25842625.7
PT. K	CENTERLINE	858468.4	25844275.1
PT. 38	W. CHANNEL LINE	873416.6	25839370.6
PT. 40	W. CHANNEL LINE	870758.8	25840120.9
PT. 42	W. CHANNEL LINE	867844.4	25840452.5
PT. 44	W. CHANNEL LINE	867889.2	25842684.8
PT. 46	W. CHANNEL LINE	860464.3	25842442.4
PT. 48	W. CHANNEL LINE	858283.5	25844326.3
PT. 50	W. CHANNEL LINE	857955.3	25846221.8

MARK	DESCRIPTION	DATE	APPR.	MARK

US Army Corps of Engineers®

SURVEYED: DRWN BY: ATA / KRC
RENEWED BY:
APPROVED BY:
PLOT SCALE: 1" = 200'
SIZE: E
DATE OF SURVEY: 07-JUN-2018
SUBMITTED BY:
CONTRACT NO.:
IMAGE DATE:
IMAGE SOURCE:
DRAWING DATE: 18-JUL-2018
FILE NAME: KWW09_2018.dgn

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

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MN 55802

KEWEENAW WATERWAY
MICHIGAN

CONDITION OF CHANNEL
JUNE 2018

SHEET IDENTIFICATION
KWW 09
SHEET 3 OF 24