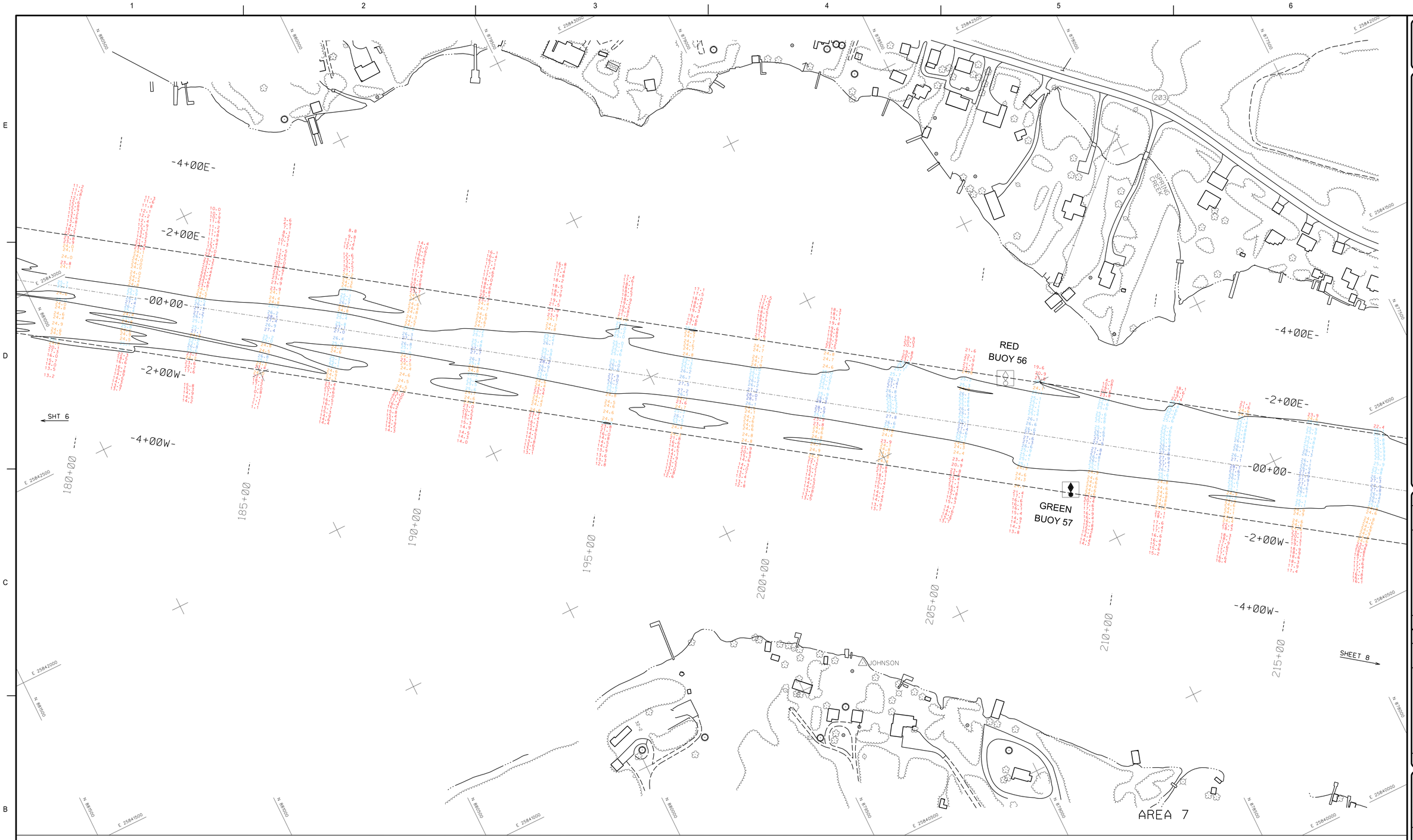

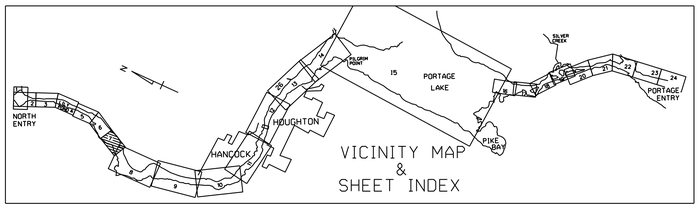

NOTES

1) 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 PRESENT AT THAT TIME.

2) ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 601.1 ABOVE MEAN SEA LEVEL, I.G.L.D. 1985. WATER LEVEL READINGS ARE FROM A TEMPORRARY GAUGE LOCATED AT THE EASTERLY END OF A DNR DOCK ADJACENT TO THE BOAT RAMP, ON THE NORTH WEST SIDE OF LILY POND. TOP OF DOCK ELEVATION IS 604.4' I.G.L.D. 1985

3) THE PROJECT DEPTH FOR THIS AREA IS 25 FT.

4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD 83), US SURVEY FOOT.

5) THE LOCATION OF NAVIGATION BUOYS REPRESENTS THE GENERAL LOCATION ON THE DATE OF THE SURVEY AND CANNOT BE CONSIDERED FOR NAVIGATION.

6) THE SURVEY SHOWN WAS CONDUCTED BY K. COOK & A. ALBERTSON ON 23 OCT 2015, USING D.G.P.S. POSITIONING, A ROSS 825B SOUNDER, AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

LEGEND

- CONTROL POINT
- CHANNEL LINE TURNING POINT
- CENTER LINE 00+00
- CHANNEL LINE
- SHORELINE
- PROJECT DEPTH CONTOUR
- 15+00 --- CENTER LINE STATIONS
- RED BUOY
- GREEN BUOY

25' LEGEND

- 0.0'
- 24.0'
- 25.0'
- 26.0'
- 27.0'
- 28.0'
- 29.0'
- 60.0'

0 100' 200'

COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
BARTON	ALUM. CAP	885261.035	25843395.923
CAP	BRASS CAP	882674.299	25844151.749
JOHNSON	ALUM. CAP	879312.835	25840996.461
SPONGE	ALUM. CAP	877880.888	25838578.431
RED LT*66	NAVIG. AID	885448.399	25844448.981
RED LT*68	NAVIG. AID	888418.659	25844436.963
CENTER LT	NAVIG. AID	882668.659	25844198.118
PT. 27	E. CHANNEL LINE	881476.0	25843549.5
PT. 29	E. CHANNEL LINE	879379.3	25839752.3
PT. 31	E. CHANNEL LINE	875218.6	25839281.4
PT. 33	E. CHANNEL LINE	874453.0	25838957.0
PT. 35	E. CHANNEL LINE	873686.2	25838948.0
PT. 37	E. CHANNEL LINE	872833.2	25839233.8
PT. 39	E. CHANNEL LINE	870481.4	25840782.5
PT. D	CENTERLINE	884547.8	25842212.9
PT. E	CENTERLINE	881549.3	25843411.2
PT. F	CENTERLINE	874551.8	25838983.2
PT. G	CENTERLINE	873479.0	25838571.6
PT. H	CENTERLINE	870411.3	25840589.2
PT. 30	W. CHANNEL LINE	881131.8	25842946.7
PT. 32	W. CHANNEL LINE	876149.8	25839585.4
PT. 34	W. CHANNEL LINE	875438.0	25838952.3
PT. 36	W. CHANNEL LINE	874615.3	25838383.8
PT. 38	W. CHANNEL LINE	873416.6	25838378.6
PT. 40	W. CHANNEL LINE	870758.8	25840120.9

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION

SURVEYOR: A.I.A. | DWN BY: A.I.A. | DATE OF SURVEY: 23-Oct-15 | SUBMITTED BY:
REVIEWED BY: | APPROVED BY: | CONTRACT NO.:
PLOT SCALE: 1" = 100' | IMAGE DATE: | DRAWING DATE: 14-Jan-16
SIZE: ANSI E | IMAGE SOURCE: | FILE NAME: VH107VH107.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
OCTOBER 2015

SHEET IDENTIFICATION
VH107
SHEET 7 OF 24