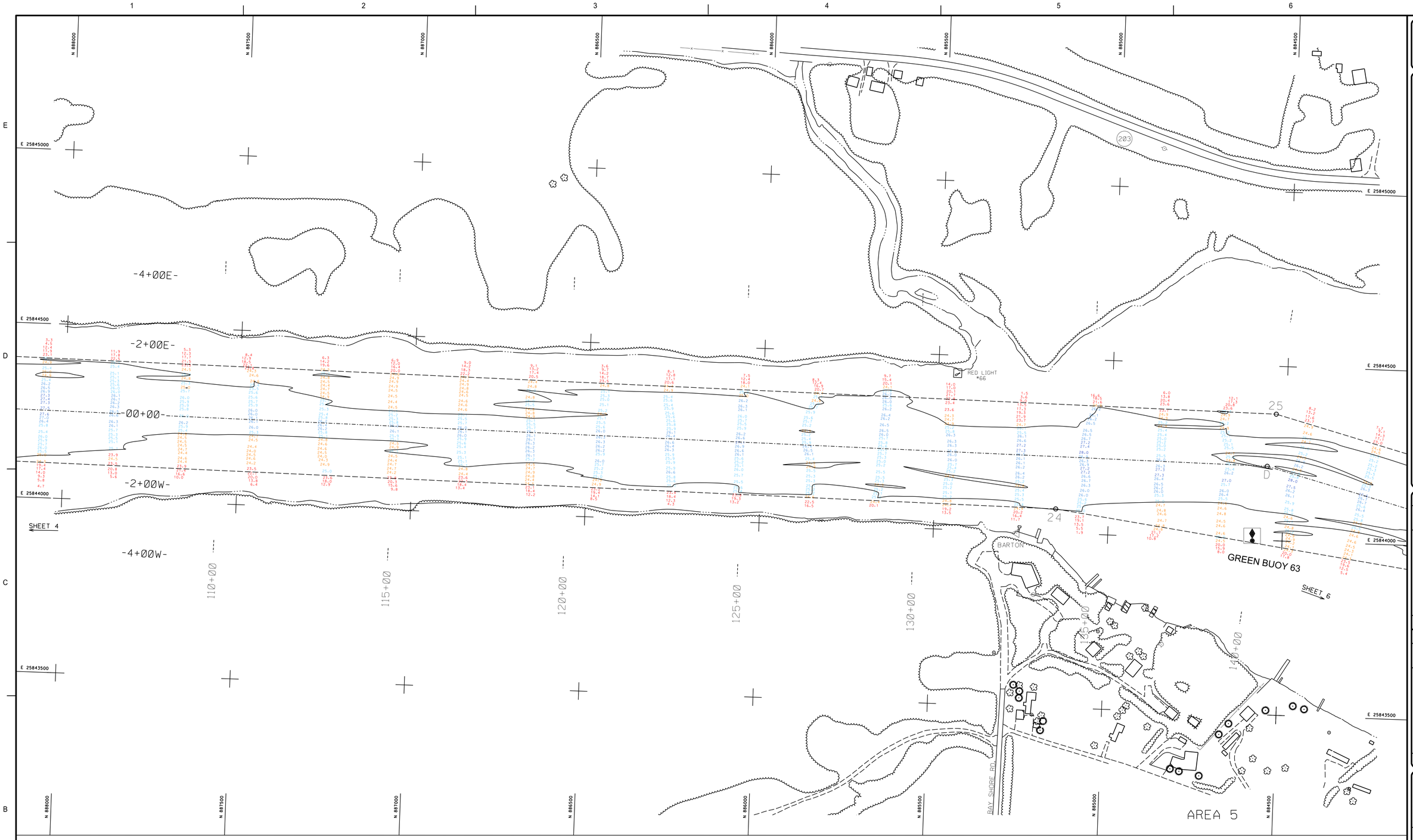

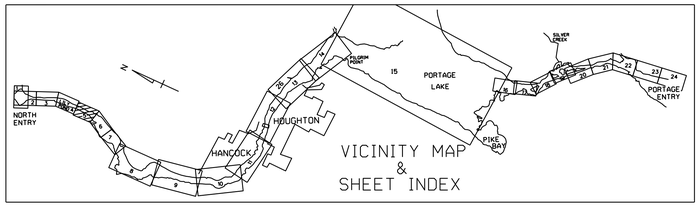

NOTES

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 21 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'

N

0 100' 200'

COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
BARTON	ALUM. CAP	885261.036	25843995.523
NEWMAN	BRASS CAP	888417.376	25844434.559
PIER	BRASS CAP	891543.043	25844293.598
CLARK	ALUM. CAP	892998.647	25843286.355
RED LT*70	NAVIG. AID	891531.162	25844272.921
GRN LT*71	NAVIG. AID	894958.463	25842345.114
PT. 19	E. CHANNEL LINE	889897.5	25844655.1
PT. 21	E. CHANNEL LINE	888423.7	25844495.6
PT. 23	E. CHANNEL LINE	888332.5	25844404.4
PT. 25	E. CHANNEL LINE	884529.1	25844363.0
PT. 27	E. CHANNEL LINE	881476.5	25843549.5
PT. C	CENTERLINE	891133.7	25844285.2
PT. D	CENTERLINE	884549.8	25844212.8
PT. E	CENTERLINE	881548.3	25843411.2
PT. F	CENTERLINE	881846.4	25843878.8
PT. 22	W. CHANNEL LINE	888335.5	25844184.6
PT. 24	W. CHANNEL LINE	885151.5	25844863.5
PT. 26	W. CHANNEL LINE	884008.5	25843913.4
PT. 28	W. CHANNEL LINE	882159.8	25843420.4
PT. 30	W. CHANNEL LINE	881131.8	25842946.7

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION

SURVEYOR: ENGR BY: ATA
REVIEWED BY: ATA
APPROVED BY:
PLOT SCALE: 1" = 100'
SIZE: ANSI E
DATE OF SURVEY: 20-Oct-15
SUBMITTED BY:
CONTRACT NO.:
IMAGE DATE:
IMAGE SOURCE:
DRAWING DATE: 13-Jan-15
FILE NAME: KWWVH105.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
VH105
SHEET 5 OF 24