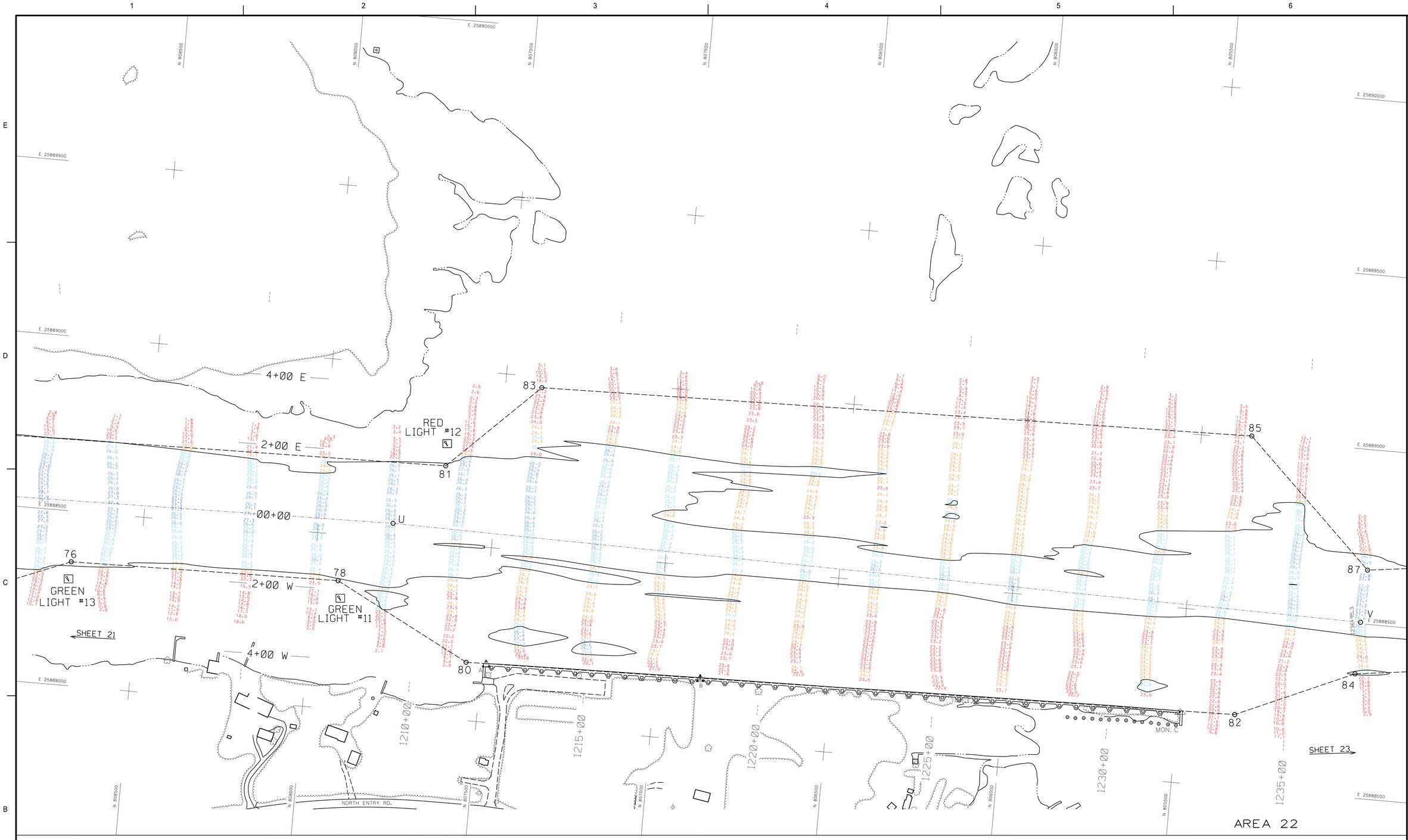

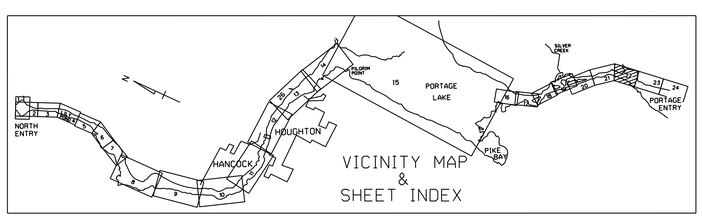

NOTES

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 SET AT A BENCHMARK STAMPED "E62 1934", LOCATED AT THE NORTH END OF A CONCRETE WALL, NEAR STATION 1250+00, ON THE EAST SIDE OF THE CHANNEL.

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 22 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	EASTING
MON. A	BRASS DISC	807485.793	25888164.786
MON. B	BRASS DISC	806870.771	25888176.935
MON. C	BRASS DISC	805493.35	25888202.42
GRN LT #13	NAVIG. AID	808699.858	25888300.277
GRN LT #11	NAVIG. AID	807918.121	25888312.332
RED LT #12	NAVIG. AID	807651.520	25888781.887
PT. 79	E. CHANNEL LINE	804467.8	25888692.2
PT. 81	E. CHANNEL LINE	807651.2	25888722.4
PT. 83	E. CHANNEL LINE	807795.8	25888963.7
PT. 85	E. CHANNEL LINE	805356.2	25889089.1
PT. 87	E. CHANNEL LINE	804991.2	25888654.2
PT. T	CENTERLINE	804435.6	25888517.7
PT. U	CENTERLINE	807766.9	25888545.1
PT. V	CENTERLINE	804798.2	25888584.2
PT. 76	W. CHANNEL LINE	808696.4	25888354.9
PT. 78	W. CHANNEL LINE	807929.5	25888367.7
PT. 80	W. CHANNEL LINE	807543.6	25888166.7
PT. 82	W. CHANNEL LINE	805335.4	25888018.3
PT. 84	W. CHANNEL LINE	805005.1	25888354.3
PT. 86	W. CHANNEL LINE	802017.2	25888733.8

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DATE OF SURVEY: 22-Oct-15
SUBMITTED BY:
CONTRACT NO.:
DRAWING DATE: 25-Jan-16
FILE NAME: 2015VT0122.dgn

SURVEYOR: DWR BY: ATA
REVIEWED BY: RE
APPROVED BY:
PLOT SCALE: 1" = 100'
SIZE: 22X34
IMAGE DATE:
IMAGE SOURCE:

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
VH122
SHEET 22 OF 24