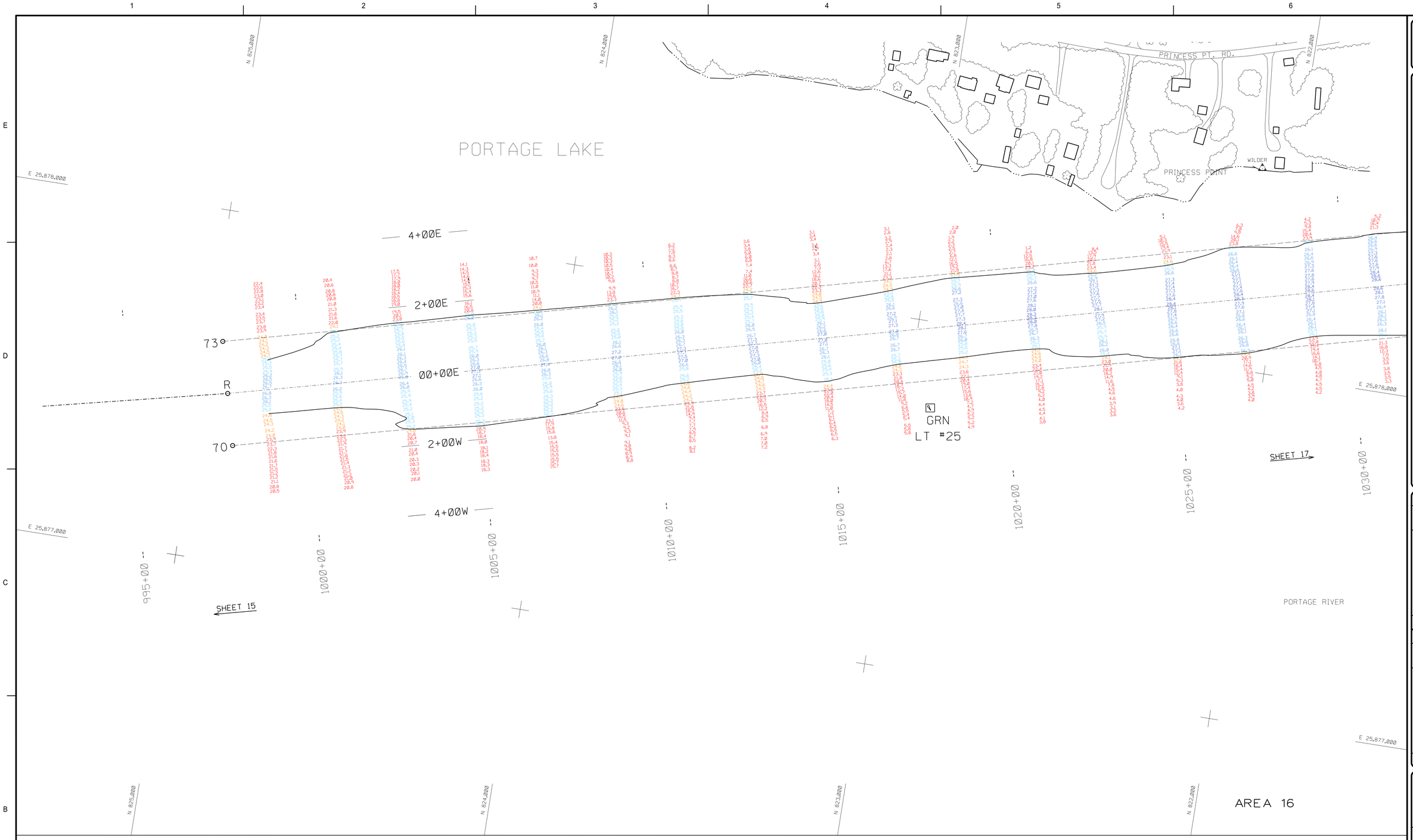

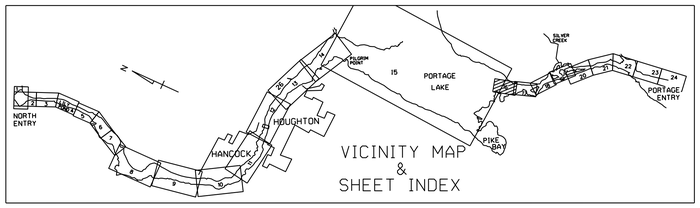

NOTES

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 TEMPORARY GAUGE SET AT CONTROL POINT "RANGE", LOCATED ON A CENTER CHANNEL RANGE MARKER NEAR STATION 1053+00.

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 8250 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
BREAK	ALUM. CAP	820639.002	25878279.789
RANGE	BRASS DISK	819601.209	25878843.215
WILDER	ALUM. CAP	822096.351	25878581.871
RED LT #22	NAVIG. AID	821350.931	25878598.888
GRN LT #25	NAVIG. AID	822927.997	25877749.167
PT. 73	E. CHANNEL LINE	824962.0	25877625.5
PT. 75	E. CHANNEL LINE	821349.5	25878546.7
PT. 77	E. CHANNEL LINE	819160.9	25879736.8
PT. 79	E. CHANNEL LINE	818467.8	25888692.2
PT. Q	CENTERLINE	825931.9	25871042.2
PT. R	CENTERLINE	824924.7	25877482.2
PT. S	CENTERLINE	820031.7	25878728.0
PT. T	CENTERLINE	818435.6	25888817.7
PT. 70	W. CHANNEL LINE	824887.4	25877334.9
PT. 72	W. CHANNEL LINE	819957.8	25878592.0
PT. 74	W. CHANNEL LINE	818922.7	25887863.4

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION

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

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MN 55802

SURVEYING: EDNS BY: ATA
PLOTTED BY: ATA
REVIEWED BY:
APPROVED BY:
PLOT SCALE: 1" = 100'
SIZE: ANSI E

DATE OF SURVEY: 23-Oct-15
SUBMITTED BY:
CONTRACT NO.:
DRAWING DATE: 23-June-16
IMAGE DATE:
IMAGE SOURCE:
FILE NAME: KWWCOND116.dgn

KEWEENAW WATERWAY
MICHIGAN

CONDITION OF CHANNEL
OCTOBER 2015

SHEET IDENTIFICATION
VH116
SHEET 16 OF 24