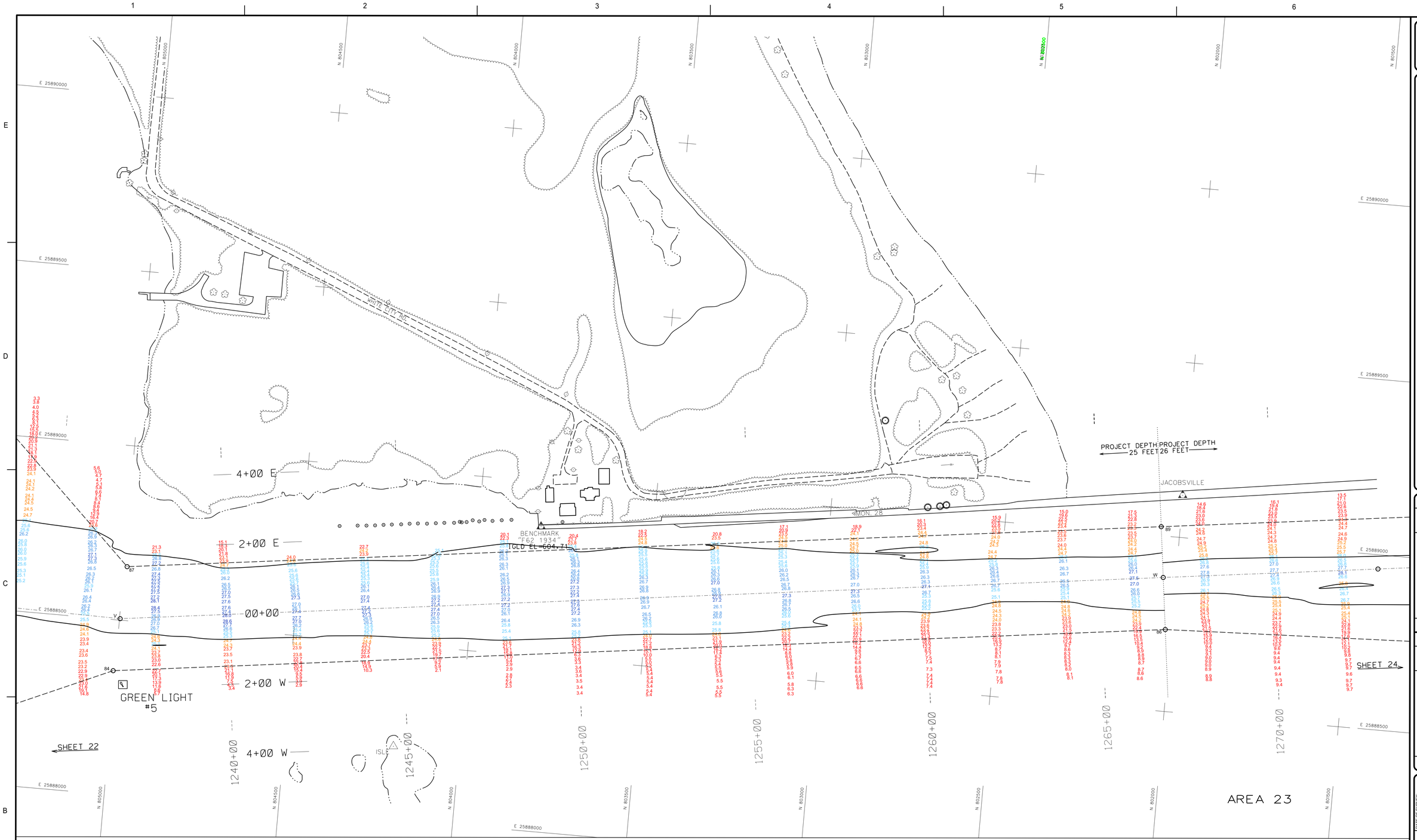

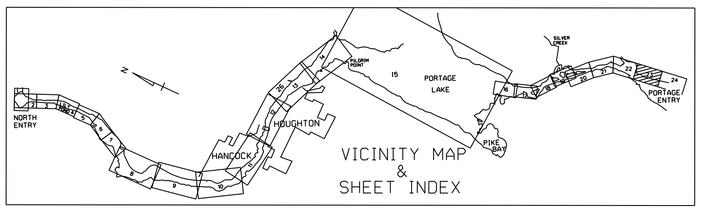

NOTES

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 05, 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 153, A PK NAIL SET IN THE CONCRETE AT THE NORTH EAST SIDE OF A DOCK WALL AT KEWEENAW PARK ON NORTH ENTRY ROAD, NORTHERLY OF THE NORTHERN MOST BOLLARD. 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 DEPTHS FOR THIS AREA ARE 25' AND 26'.

25.0' LEGEND

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

26.0' LEGEND

0.0'
24.0'
25.0'
26.0'
27.0'
28.0'
29.0'
30.0'
50.0'

LEGEND

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

0 100' 200'

COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES	
		NORTHING	EASTING
JACOBSVILLE	BRASS DISC	8820880.552	2588918.797
ISLE	ALUM. CAP	8841187.622	2588828.676
GRN LT #5	NAVIG. AID	8841973.221	2588831.798
MON. 26	BRASS DISC	8829332.16	2588986.89
PT. 85	E. CHANNEL LINE	8853356.2	2588980.1
PT. 87	E. CHANNEL LINE	8841491.2	2588868.2
PT. 89	E. CHANNEL LINE	8829553.8	2588982.8
PT. 91	E. CHANNEL LINE	8818062.2	2588911.5
PT. U	CENTERLINE	8877886.9	2588845.1
PT. V	CENTERLINE	8841988.2	2588834.2
PT. W	CENTERLINE	8820035.9	2588881.6
PT. X	CENTERLINE	8818044.8	2588908.8
PT. 82	W. CHANNEL LINE	8853135.4	2588829.3
PT. 84	W. CHANNEL LINE	8852805.1	2588354.3
PT. 86	W. CHANNEL LINE	8820117.2	2588873.8
PT. 88	W. CHANNEL LINE	8818141.1	2588773.8

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

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MN 55802

SURVEYOR: ATA, KBC
DRAWN BY: ATA
REVIEWED BY:
APPROVED BY:
PLOT SCALE: 1" = 100'
IMAGE DATE:
IMAGE SOURCE:
DATE OF SURVEY: 05-JUNE-2018
SUBMITTED BY:
CONTRACT NO.:
DRAWING DATE: 13-JUNE-2018
FILE NAME: KWW23.dgn
SIZE: ANSI D
SHEET: 1 OF 1

KEWEENAW WATERWAY
MICHIGAN

CONDITION OF CHANNEL
JUNE 2018

SHEET IDENTIFICATION
KWW 23
SHEET 23 OF 24

MARK	DESCRIPTION	DATE	APPR	DESCRIPTION