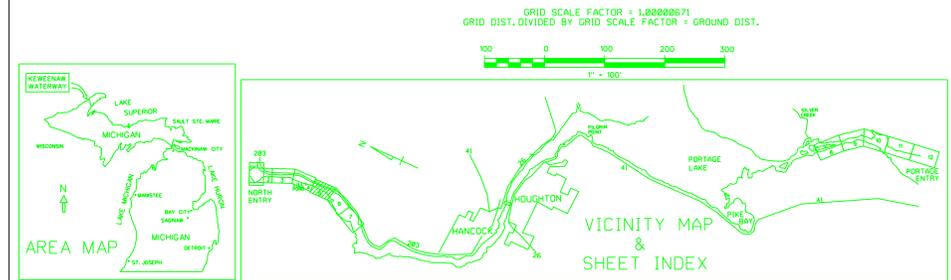
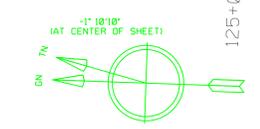


COORDINATE TABLE

STATION	DESCRIPTION	NORTHING	EASTING
BARTON	ALUM. CAP.	889258.036	25844318.723
NEWMAN	BRASS CAP.	888417.376	25844324.559
POE	BRASS CAP.	887643.893	25844318.958
CLARK	ALUM. CAP.	887498.527	25844328.320
REG. L1+70	NAVIC. BUOY	887631.657	25844322.421
GEN. L1+71	NAVIC. BUOY	884958.263	25844325.124
PT. 19	E. CHANNEL LINE	889997.5	25844455.1
PT. 21	E. CHANNEL LINE	888223.7	25844405.5
PT. 23	E. CHANNEL LINE	889332.9	25844484.4
PT. 25	E. CHANNEL LINE	884291.7	25844353.8
PT. 27	E. CHANNEL LINE	881476.6	25844361.5
PT. 7	CENTERLINE	88133.7	25844255.2
PT. 9	CENTERLINE	88478.3	25844212.8
PT. 15	CENTERLINE	88154.3	25844211.4
PT. 17	CENTERLINE	88186.4	25844276.9
PT. 22	W. CHANNEL LINE	889325.5	25844004.6
PT. 24	W. CHANNEL LINE	889201.5	25844351.9
PT. 26	W. CHANNEL LINE	884888.6	25844311.4
PT. 28	W. CHANNEL LINE	88125.9	25844328.9
PT. 30	W. CHANNEL LINE	88131.8	25844266.7



- 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 60.11 ABOVE MEAN SEA LEVEL, I.G.L.D. 1985.
 - 3) PROJECT DEPTHS FOR THIS AREA ARE 25 FT.
 - 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (211), NORTH AMERICAN DATUM 1983 (NAD 83), US 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 D.C. DOLTZ, PARTY CHIEF DURING 16 AUG., 2012. DGPS POSITIONING ODOM CV300 SOUNDER, AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

- Legend**
- horizontal control point g.p.s.
 - horizontal control point
 - dredging limit turning point
 - channel line turning point
 - CENTER LINE 00+00
 - channel line
 - dredging limit
 - shoreline
 - project depth contour
 - CENTER LINE STATIONS

NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

DESIGNED BY: *
DRAWN BY: *
CHECKED BY: *
REVIEWED BY: *
SUBMITTED BY: *

**KEWEENAW - WATERWAY
MICHIGAN**

CONDITION SURVEY - AUGUST 2012

DULUTH AREA OFFICE
DULUTH, MN

DATE: _____
APPROVAL AND RECOMMENDATION: _____
CHIEF, DTS BRANCH

SCALE AS SHOWN: 1" = 100'
CADD FILE NAME: KWE_05C_2012.DGN
DRAWING NUMBER: _____
SHEET 1 OF 1