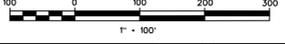




COORDINATE TABLE

STATION	DESCRIPTION	NORTHING	EASTING
CDM	ALIM. CAP.	814752.226	2882215.759
SOUP	ALIM. CAP.	816314.083	2882296.693
RED LT *18	NAVIC. AID.	816894.231	2882524.929
GRN LT *19	NAVIC. AID.	815813.588	2882353.135
PT 72	E. CHANNEL LINE	819169.4	2887479.8
PT 73	E. CHANNEL LINE	820427.8	2888296.2
PT S	CENTERLINE	820831.7	2887973.8
PT T	CENTERLINE	824299.6	2889517.7
PT 72	W. CHANNEL LINE	811951.9	2881854.9
PT 74	W. CHANNEL LINE	82922.7	2888786.4

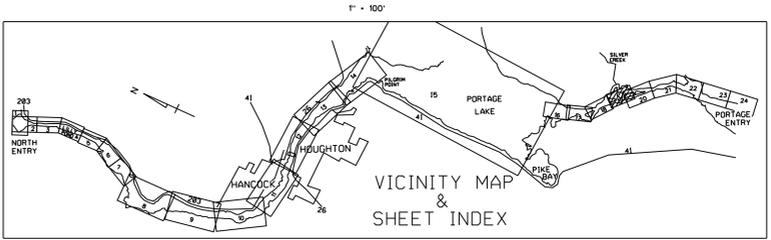
COMBINED GRID SCALE FACTOR = .9998353
 GRID DIST. DIVIDED BY COMBINED GRID SCALE FACTOR = GROUND DIST.



- 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.
 - 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 (2111), 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. GOLTZ, PARTY CHIEF DURING 17 SEPT. 2006, USING D.G.P.S. POSITIONING, AN INNERSPACE 448 SOUNDER, AND A HYPERACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

- LEGEND**
- HORIZONTAL CONTROL POINT G.P.S.
 - HORIZONTAL CONTROL POINT
 - DREDGING LIMIT 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:	KEWEENAW - WATERWAY MICHIGAN		
DRAWN BY:			
CHECKED BY:	CONDITION SURVEY - SEPTEMBER 2006		
REVIEWED BY:	DULUTH AREA OFFICE DULUTH, MN		
SUBMITTED BY:	APPROVAL RECOMMENDED:		
CHIEF, PROJ. OPS. SEC.	CHIEF, DTS BRANCH		
APPROVED:	DATE		
SCALE AS SHOWN 1" = 100'		DRAWING NUMBER	
CADD FILE NAME: KW219C06.DGN		SHEET 1 OF 1	



THIS PLAN ACCOMPANIES CONTRACT NO. MODIFICATION NO.

INVITATION NO. DACW.

KW 7570/19-14