



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 28' & 27'

.. NOTES ..  
SF = Baseline Stationing for Superior Front Baseline  
Baseline

4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2201), 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 DC GOLIZ PARTY CHIEF DURING 24 JULY, 2012 USING D.G.P.S. POSITIONING, AN ODOM CIV3 SOUNDER AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

**legend**

- horizontal control point
- dredging limit turning point
- channel line
- dredging limit
- shoreline
- project depth contour

SCALE IN FEET

REVISION		BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN		
DESIGNED BY:*	<b>DULUTH-SUPERIOR HARBOR</b> MINNESOTA-WISCONSIN CONDITION SURVEY JULY 2012 DULUTH AREA OFFICE DULUTH, MN	
DRAWN BY:*		
CHECKED BY:*		
REVIEWED BY:*		
SUBMITTED BY:*		
APPROVED:*	APPROVAL RECOMMENDED:*	DATE:*
CHIEF, PROJ. OPNS. SEC.	CHIEF, OTS BRANCH	
CHIEF, CONST.-OPNS. DIVN.		SCALE AS SHOWN 1" = 100'
* AS REQUIRED BY ENGINEERING CIRCULAR 1110-1-761		CADD FILE NAME DS.03C.2012.dgn
		DRAWING NUMBER
		SHEET 1 OF 1

THIS PLAN ACCOMPANIES CONTRACT NO. \_\_\_\_\_  
MODIFICATION NO. \_\_\_\_\_