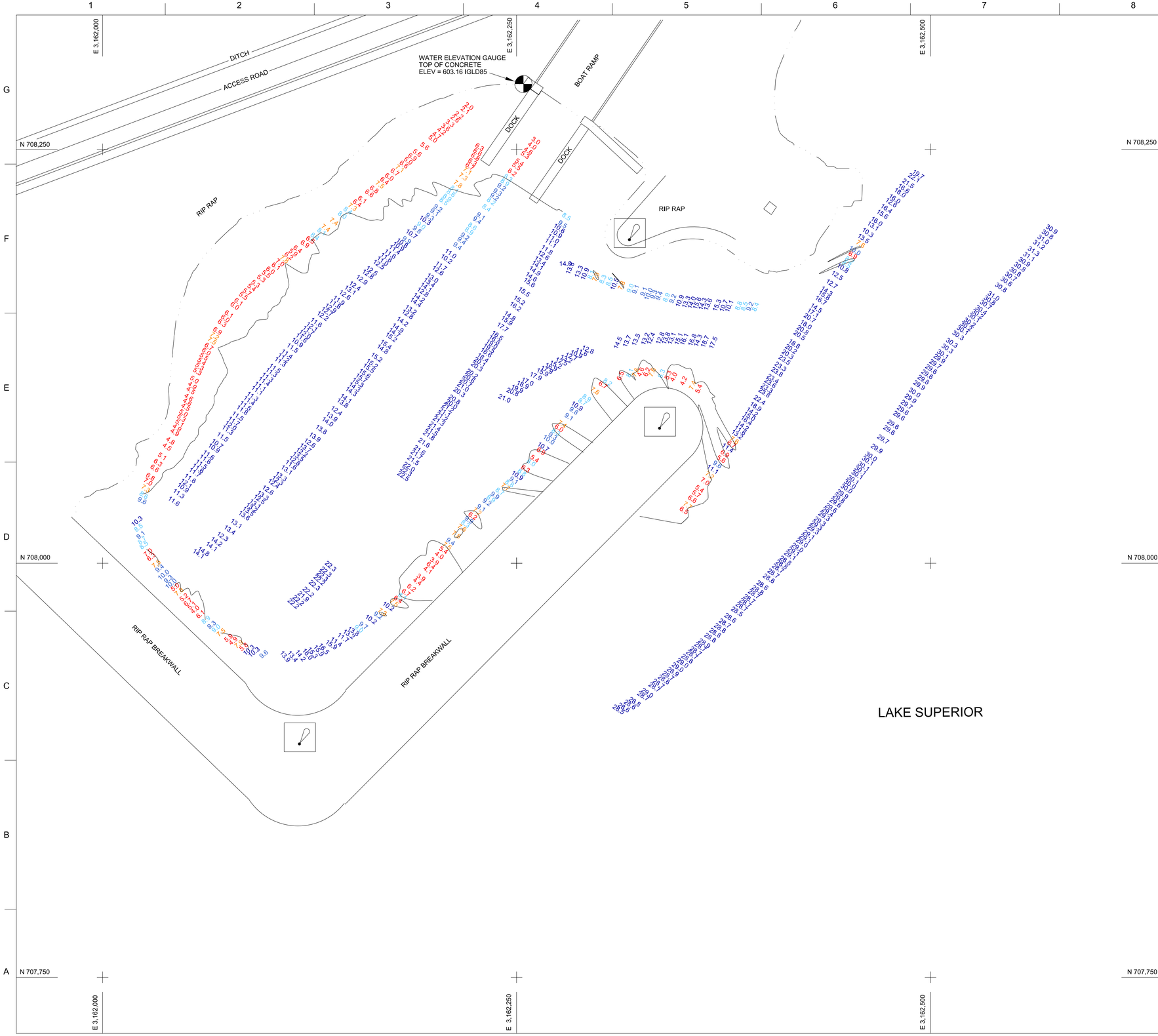

NOTES

1) THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON OCTOBER 15, 2015 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.

2) SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM ELEVATION 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM A TEMPORARY STAFF SET AT THE WESTERLY CORNER OF THE CONCRETE PAD WEST OF THE DOCK ON THE WEST SIDE OF THE BOAT RAMP. ELEVATION DETERMINED BY RTK GPS OBSERVATION USING MNDOT VRS. TOP OF CONCRETE ELEV = 613.16 FT IGLD85. DEPTHS ARE MEASURED USING A ROSS LABORATORIES MODEL 825C PORTABLE SURVEY SOUNDER.

3) THE CONTOUR DEPTH FOR THIS AREA IS 8'.

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), U.S. SURVEY FOOT.

5) THE LOCATION OF NAVIGATION AIDS REPRESENTS THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.

6) HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POTITIONING SYSTEM (DGPS). THE DIFFERENETIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS LOCATED AT WISCONSIN POINT, SUPERIOR, WISCONSIN.

LEGEND

- LIGHTED BEACON
- WATER ELEVATION GAUGE
- GPS CONTROL POINT
- HORIZONTAL CONTROL POINT
- NO. — CHANNEL LINE TURNING POINT
- CHANNEL LINE
- SHORELINE
- PROJECT DEPTH CONTOUR

8' LEGEND

- 0.0'
- 7.0'
- 8.0'
- 9.0'
- 10.0'
- 30.0'

N

0 30' 60'

US Army Corps of Engineers Detroit District

LOCATION MAP

NO SCALE

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

SURVEYED BY: K. COOK	ISSUE DATE: 29-Feb-16
DRAWN BY: K. COOK	DATE OF SURVEY: 15-Oct-15
REVIEWED BY: S. BROSSART	CONTRACT NO.:
APPROVED BY:	DRAWING NUMBER:
SIZE: ANSI D	FILE NAME: TACVH101C151.dgn

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MINNESOTA 55802

TACONITE HARBOR OF REFUGE
MINNESOTA

CONDITION OF CHANNEL
OCTOBER 2015

SHEET ID

VH101