NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1955 (IGLD 55). LOW WATER DATUM ZERO IS 576.9 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT JOHNSONS PT. NEEBISH ISLAND. DEPTHS ARE MEASURED USING A RESON SEABAT 8125 MULTIBEAM SONAR.

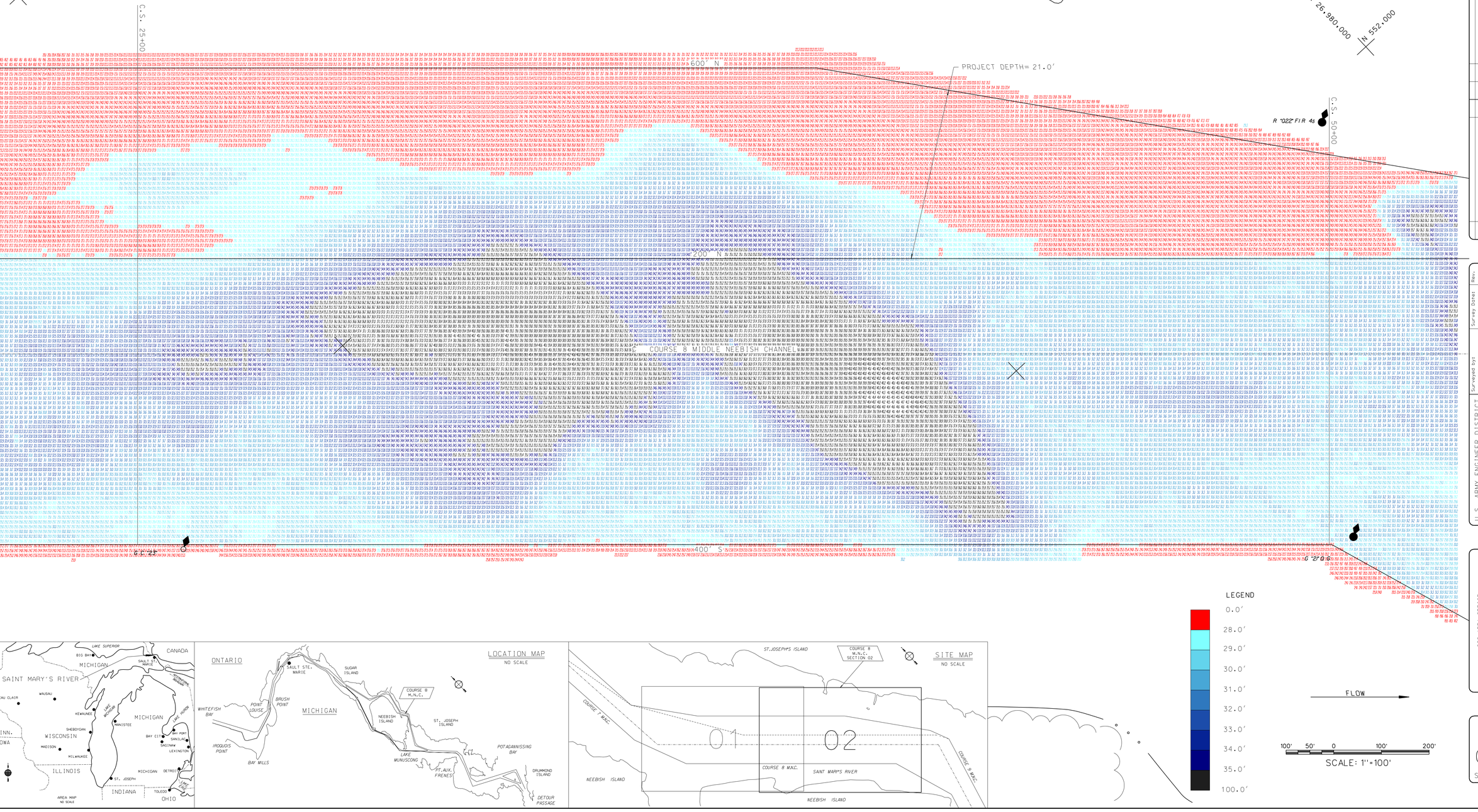
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 15-16, 2004 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.

4. HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC GPS. RTK CORRECTIONS ARE BEING PROVIDED BY A BASE STATION LOCATED AT JOHNSONS PT. NEEBISH ISLAND. THE GPS RECEIVER IS MANUFACTURED BY ASHTECH, INC. MODEL Z-12. THIS IS A DUAL FREQUENCY RECEIVER (L1, L2 CODE) WITH ADVERTISED POSITIONAL ACCURACY OF 1-6 CENTIMETERS RMS.

5. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET. CROSS SECTIONS AND RANGES ARE REFERRED TO COURSE 8 MIDDLE NEEBISH CHANNEL.

6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.0' BELOW LOW WATER DATUM.



LOCATION MAP
NO SCALE

SITE MAP
NO SCALE

US Army Corps of Engineers
Detroit District

Rev.	Description	Date Appr.	Symbol

Surveyed by: S. ALDRICH
Drawn by: T. C. S.
Ckd by:
Scanned by:
Checked by: CHIEF, SOUR SECTION
Chief, Plan. Mgmt.
Area Engr. Soo Office
Reviewed by: CHIEF, Plan. Mgmt.
Approved by: District Engineer
Approval Recommended

Survey Dated: JUNE 16, 2004
Design file name:
Drawing Codes:
File name:
Plot date:
Plot scale=1"=100'

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

SOO AREA OFFICE
SAINT MARY'S RIVER
FEDERAL NAVIGATION CHANNEL

CRSE.8 MIDDLE NEEBISH CHANNEL
C SURVEY SECTION 02
C.S. 25+00 to C.S. 50+00
CONDITION SURVEY

Sheet reference number:
C8M-02
Sheet 02 of 02