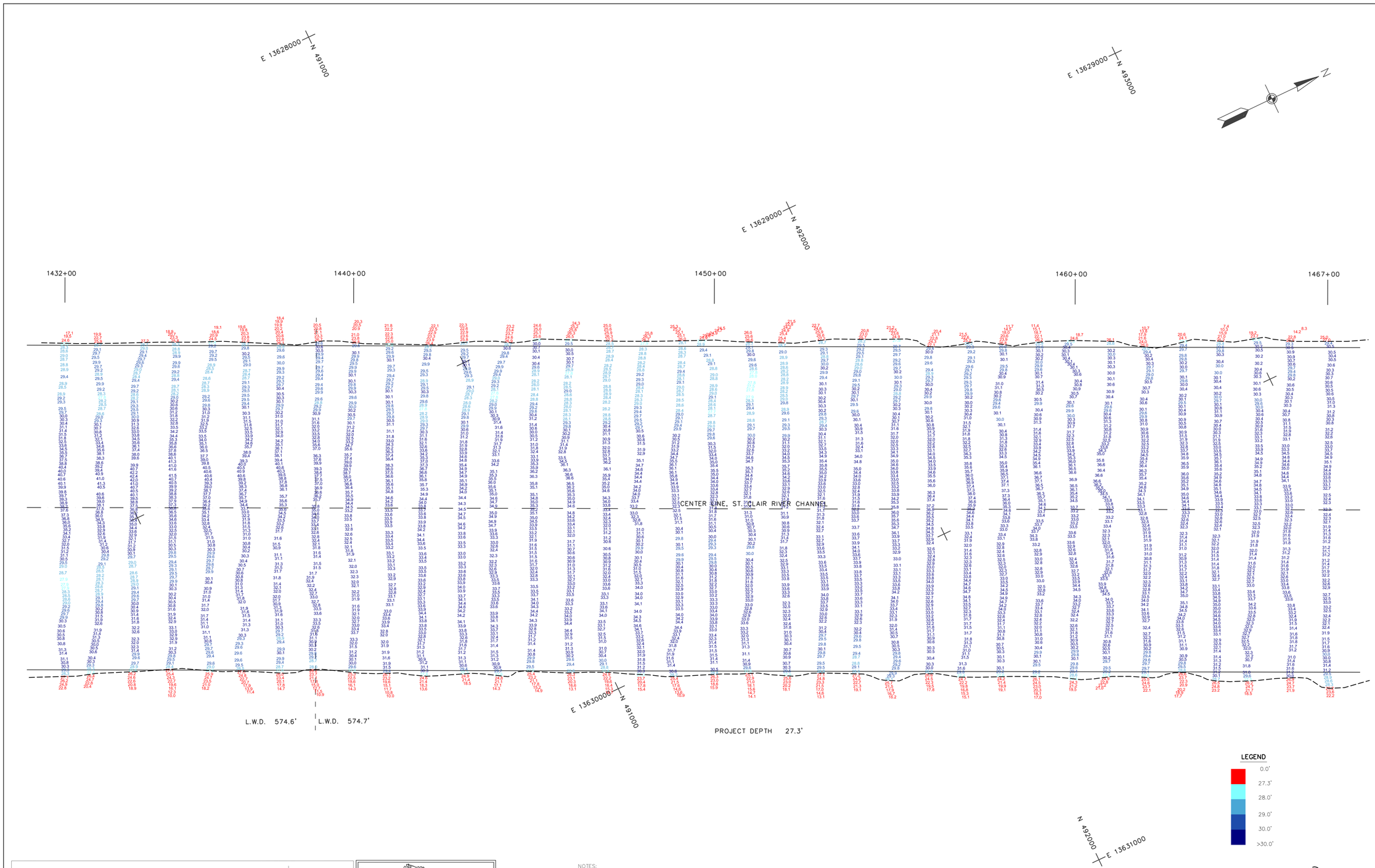

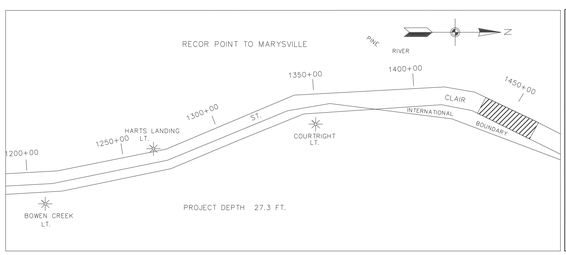

LEGEND

0.0'
27.3'
28.0'
29.0'
30.0'
>30.0'

27.3 ft. PROJECT DEPTH CONTOUR

NOTES:

1) THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.

2) THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:
HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICLE: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.

3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL LAUNCH 3053 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 W/DGPS CORRECTIONS, U.S.C.G. BEACON #838
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM-CV300 (SINGLE BEAM)
SOFTWARE: HYPACK 2013

4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
ST CLAIR POLICE, MI (#9014080) @ 91%
DRY DOCK, MI (#9014087) @ 09%

5) THE EDITED SINGLE BEAM DATA WAS SORTED INTO A 10 FOOT DATASET WITH THE RESULTING POINTS POSTED.

US ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

UNITED STATES ARMY CORPS OF ENGINEERS
DETROIT AREA OFFICE, DETROIT, MICHIGAN

CONDITION SURVEY
ST. CLAIR RIVER, MICHIGAN

ST. CLAIR RIVER CHANNEL (MIDDLE GROUND SHOAL)
CS 1432+00 TO CS 1467+00

DRAWN BY: N.B.
CHECKED BY: C.V.L.
DATE OF SURVEY: 03 AUGUST 2017

100' 0' 100' 200'
SCALE 1" = 100'

SHEET 34 OF 54