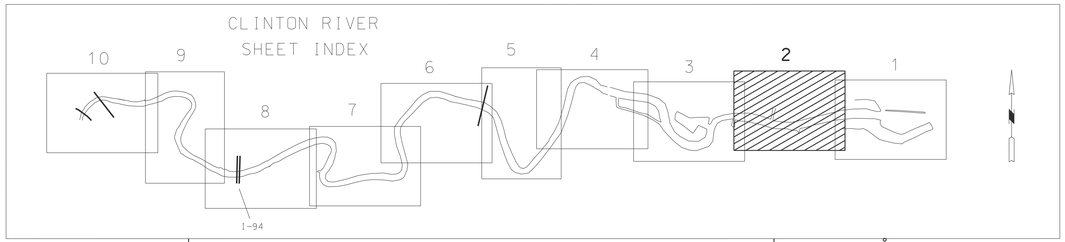
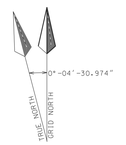
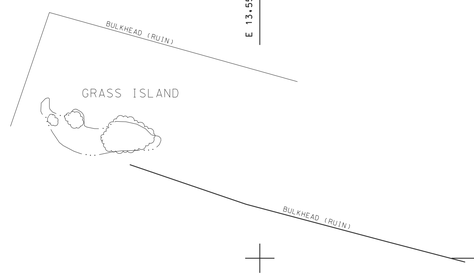
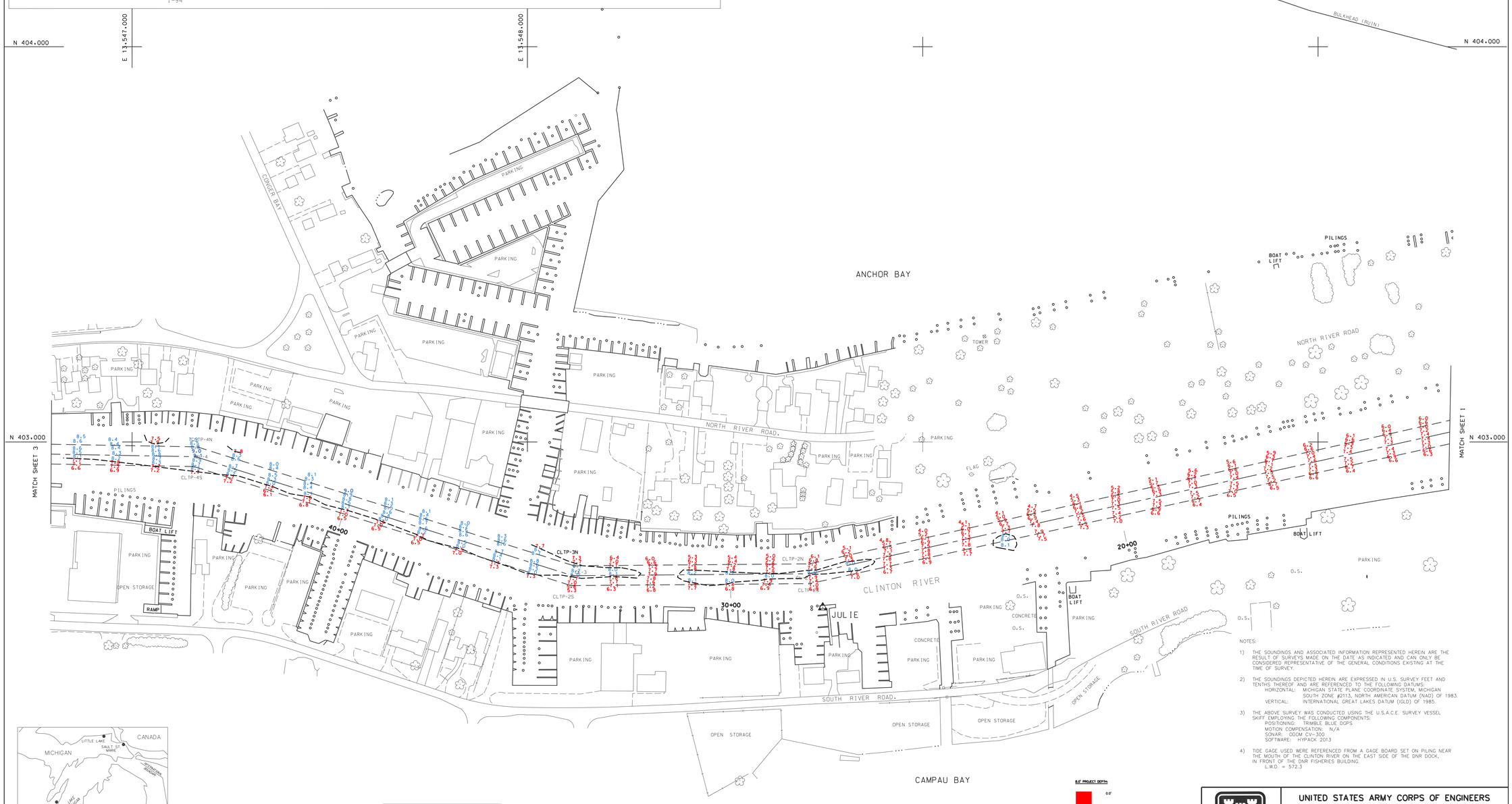




GRID SCALE FACTOR: 0.99991973
GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.





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.
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.

3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL SKIFF EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: TRIMBLE BLUE DGPS
MOTION COMPENSATION: N/A
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2013

4) TIDE GAGE USED WERE REFERENCED FROM A GAGE BOARD SET ON PILING NEAR THE MOUTH OF THE CLINTON RIVER ON THE EAST SIDE OF THE DNR DOCK, IN FRONT OF THE DNR FISHERIES BUILDING.
L.W.D. = 572.3

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
2	13,548.714.06	402.666.82
3	13,548.114.13	402.661.80
4	13,547.160.59	402.962.82

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
2N	13,548.711.22	402.691.80
2S	13,548.716.89	402.641.85
3N	13,548.117.88	402.686.84
2S	13,548.110.38	402.636.77
4N	13,547.164.66	402.987.74
4S	13,547.156.52	402.937.88

8.0' PROJECT DEPTH

- 0.0'
- 8.0'
- 9.0'
- 10.0'
- >11.0'

8.0 FL PROJECT DEPTH CONTOUR

US ARMY CORPS OF ENGINEERS DETROIT DISTRICT

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

CONDITION SURVEY
CLINTON RIVER, MI
CS 11+00W TO CS 48+00W

DRAWN BY: B.R.
CHECKED BY: C.V.L.
DATE OF SURVEY: 19 JULY 2016

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

SHEET 2 OF 10