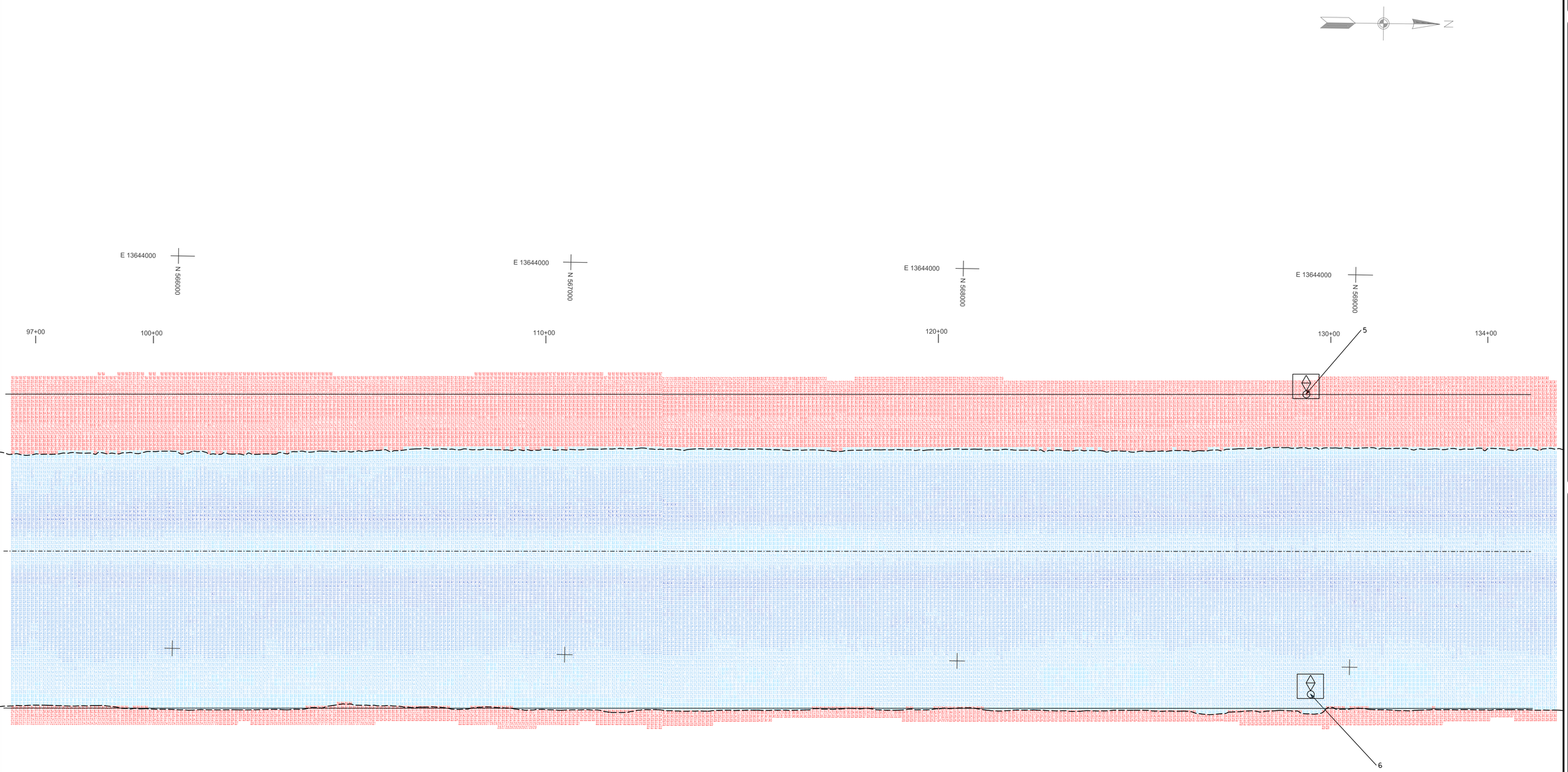

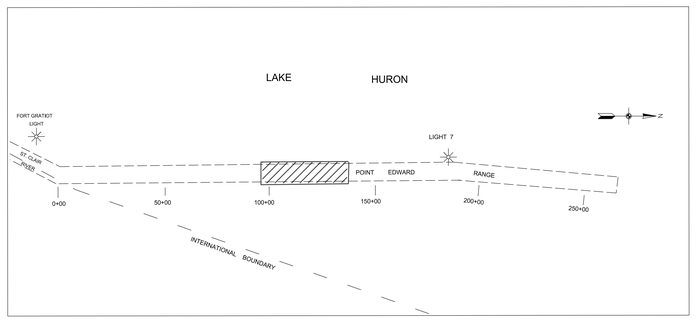

LOCATION MAP

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. L.W.D. = 577.5' UNLESS OTHERWISE NOTED.

3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:

POSITIONING: APPLANIX POS-MV4 W/VRS-RTK OR MARINESTAR G2+
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: R2 SONIC 2024
SOFTWARE: HYPACK 2018

4) TIDE CORRECTION VALUES DERIVED FROM THE FOLLOWING NOAA WATER LEVEL STATION(S):

FORT GRATIOT, MI (9014098): L.W.D. = 577.2' IGLD85

5) THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1 FOOT BY 1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

LEGEND

0.0'
30.0'
31.0'
32.0'
33.0'
34.0'
35.0'
36.0'
>37.0'

30.0 ft. PROJECT DEPTH CONTOUR

100' 0' 100' 200'

SCALE 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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

DETROIT AREA OFFICE
6309 WEST JEFFERSON AVE
DETROIT, MI 48209

SURVEYED BY: BR, JK
DWN BY: NB
CKD BY: BR
SUBMITTED BY: Christopher V. Lindman
PLOT SCALE: 1" = 100'
PLOT DATE: 23 OCT 2019
SIZE: ANSI E
FILE NAME:
DATE OF SURVEY: 19 SEP 2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

POINT EDWARD RANGE
ST. CLAIR RIVER, MICHIGAN

CONDITION SURVEY
SEPTEMBER 2019

SHEET IDENTIFICATION

SHEET 4 OF 8