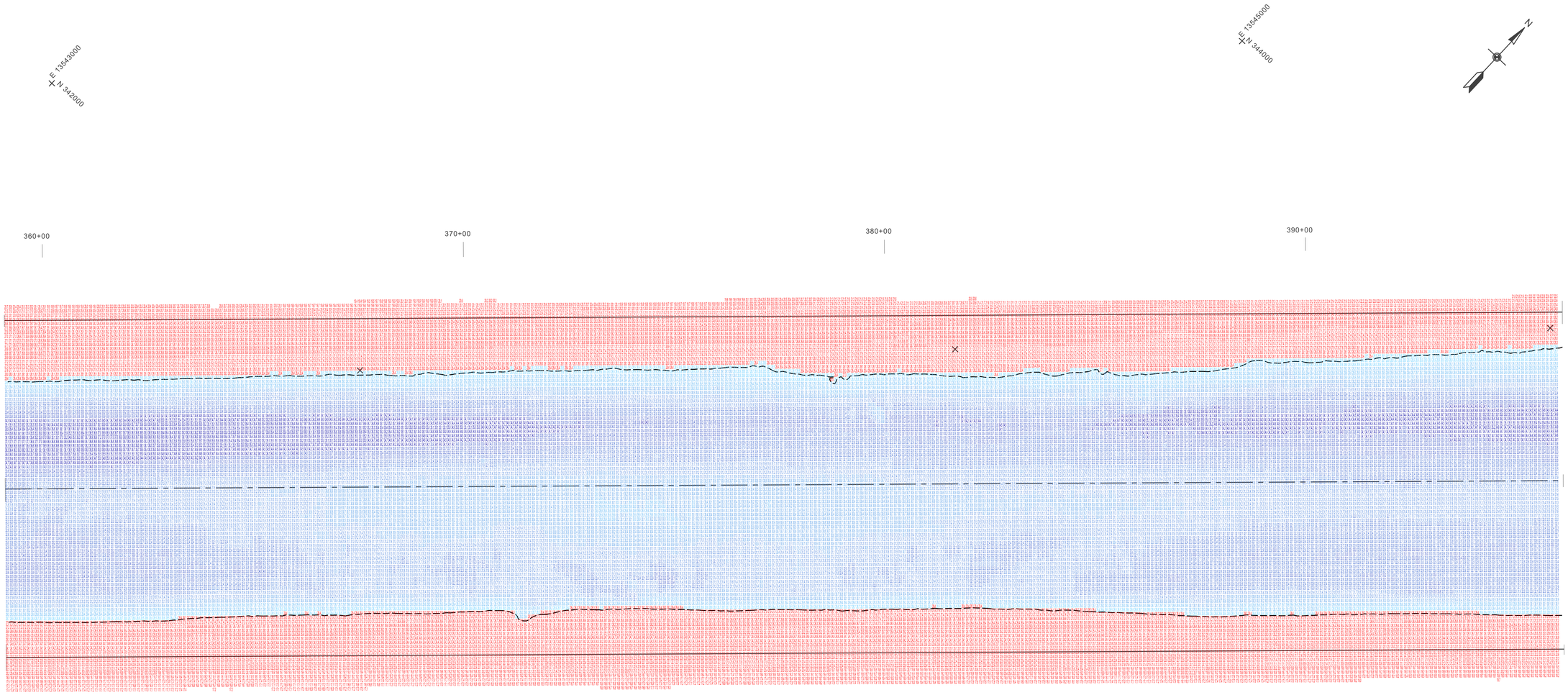
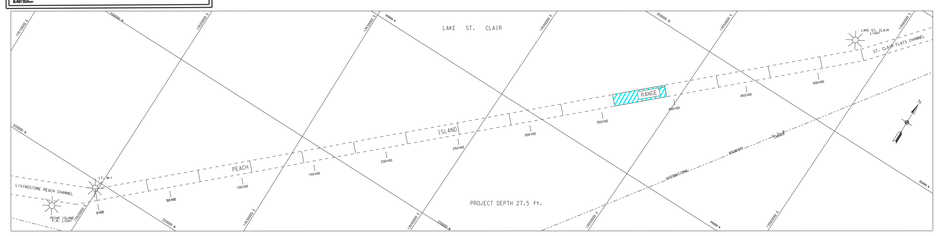


PROJECT DEPTH 27.5 FT.

C.L. AZ = 46 - 43' - 45.2"



LEGEND

0.0'
28.5'
29.0'
30.0'
31.0'
32.0'
33.0'
34.0'
> 35.0'

27.5 ft. PROJECT DEPTH CONTOUR

NOTES:

1) 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.

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 WHEELER EMPLOYING THE FOLLOWING COMPONENTS:
   POSITIONING: APPLANIX POS-MV4 W/MARINESTAR G2+ CORRECTIONS
   MOTION COMPENSATION: APPLANIX POS-MV4
   SONAR: R2SONIC 2024 (MULTIBEAM TRANSDUCER)
   SOFTWARE: HYPACK 2018

4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
   LAKE ST CLAIR GAUGE, LAKE ST CLAIR, MI (#9034052)

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: NB, BR, DM
DWN BY: BR
CKD BY:
SUBMITTED BY: Christopher V. Lindman
PLOT SCALE: 1" = 100'
PLOT DATE: 22JULY2019
SIZE: ANSI E
FILE NAME: 20190717PR SHEET 11.dgn
DATE OF SURVEY: 17JULY2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

PECHE ISLAND RANGE
MICHIGAN
CONDITION OF CHANNEL
17JULY2019

SHEET IDENTIFICATION

SHEET 11 OF 15