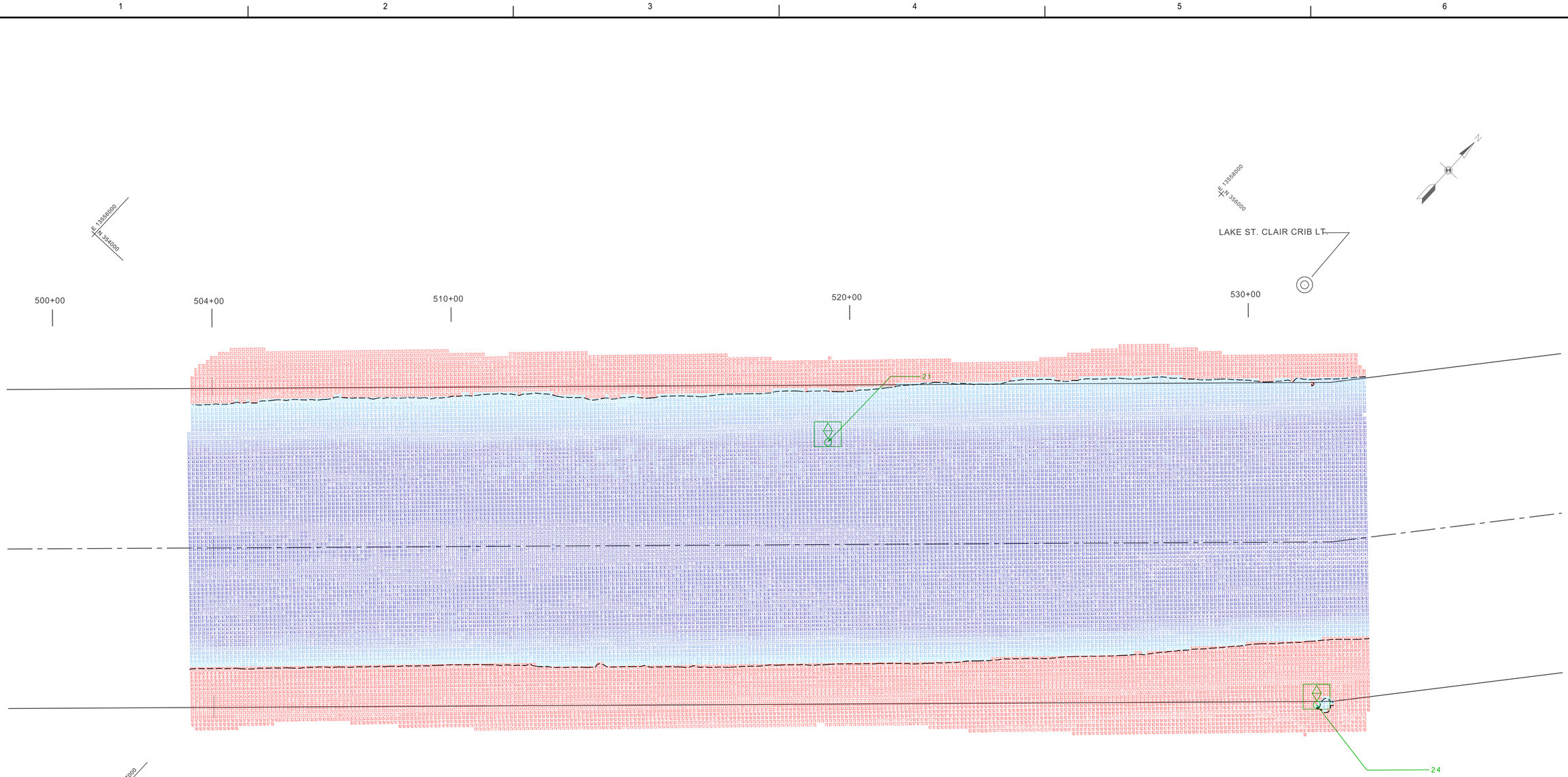
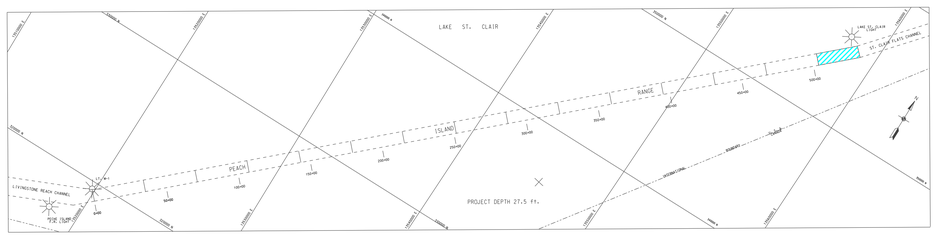


L.W.D. 572.3'

PROJECT DEPTH 27.5 FT.

C.L. AZ = 46°- 43' - 45.2"



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. L.W.D. = 572.3' 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) WATER LEVEL VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
ST CLAIR SHORES, MI - STATION ID: 9034052

LEGEND

0.0'
27.5'
28.0'
29.0'
30.0'
31.0'
32.0'
33.0'
> 34.0'

27.5 ft. PROJECT DEPTH CONTOUR

100' 0' 100' 200'

SCALE 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DATE OF SURVEY: 18 JUL 2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

SUBMITTED BY: BR, NB, DM
DWN BY: DM
CHD BY: BR
SUBMITTED BY: Christopher J Lawson
DATE: 22 JUL 2019
FILE NAME:
SIZE: ANSI E

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

DETROIT AREA OFFICE 6309 WEST JEFFERSON AVE DETROIT, MI 48209

PECHE ISLAND RANGE
LAKE ST CLAIR, MICHIGAN
CONDITION SURVEY JULY 2019

SHEET IDENTIFICATION

SHEET 15 OF 15