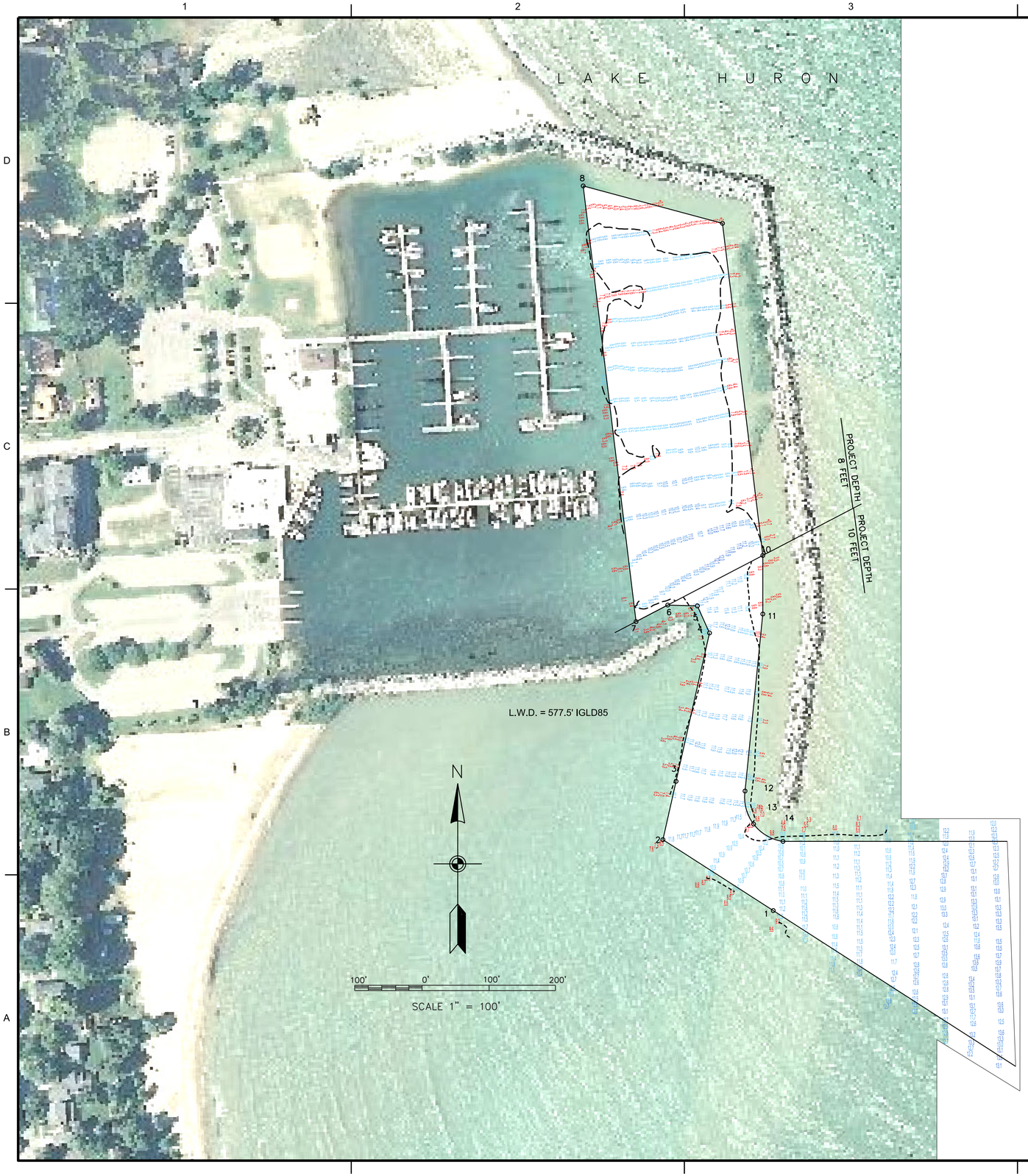
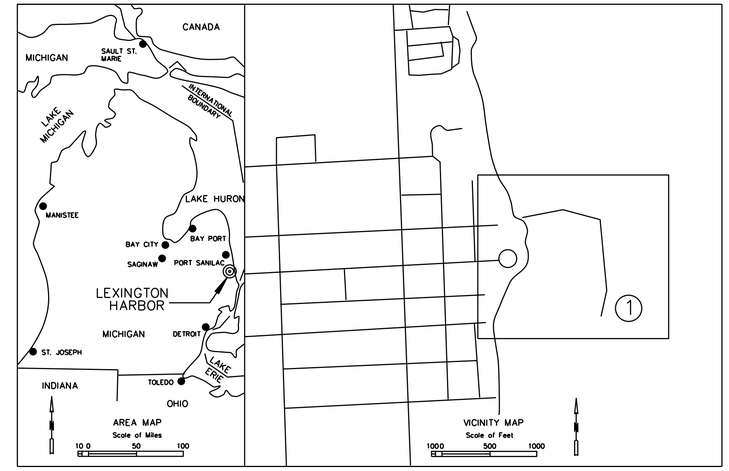




AIDS TO NAVIGATION		
DESCRIPTION	COORDINATES NORTH	EAST
R "6"	650,305	13,614,012
C "5"	649,466	13,614,082

SURVEY CONTROL DATA			
STATION NUMBER	COORDINATES NORTH	EAST	ELEV.
ZIP	649,193.52	13,614,403.27	587.89
E. BRK LT.	649,196.11	13,614,404.65	
EPISCOPAL CH.SP	648,763.17	13,612,207.14	
MUN.BLDG.BELFRY	650,000.92	13,612,233.59	
TANK	649,981.21	13,610,527.31	
W. BRK LT.	649,497.75	13,614,211.45	
DA	650,283.30	13,614,358.58	587.92
DAY	650,388.26	13,613,967.73	588.14
DOO	649,524.03	13,614,450.70	587.76
BM JAM-2			582.866
S-32 (1934)			621.155

CHANNEL CONTROL DATA			
STATION NUMBER	DESCRIPTION	COORDINATES NORTH	EAST
1	CHANNEL LINE	648,994.569	13,614,375.824
2	CHANNEL LINE	649,121.783	13,614,177.855
3	CHANNEL LINE	649,226.394	13,614,201.452
4	CHANNEL LINE	649,492.423	13,614,261.458
5	CHANNEL LINE	649,540.945	13,614,239.736
6	CHANNEL LINE	649,542.472	13,614,186.598
7	CHANNEL LINE	649,512.793	13,614,129.727
8	CHANNEL LINE	650,294.088	13,614,034.857
9	CHANNEL LINE	650,226.995	13,614,284.743
10	CHANNEL LINE	649,631.432	13,614,357.061
11	CHANNEL LINE	649,526.443	13,614,369.809
12	CHANNEL LINE	649,209.006	13,614,325.187
13	CHANNEL LINE	649,149.732	13,614,340.515
14	CHANNEL LINE	649,118.658	13,614,393.266

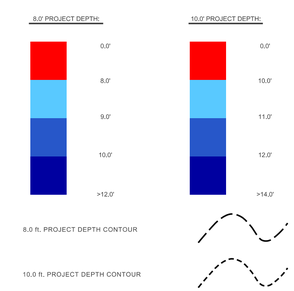
NOTES:

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 3053 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-M/V W/ DGPS BEACON
MOTION COMPENSATION: APPLANIX POS-M/V
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2015

4) GAGES USED WERE REFERENCED FROM A CHISELED MARK ON THE SEA WALL WHICH IS 6.0 FT ABOVE L.W.D. 577.5 LOCATED NEAR THE NE CORNER OF THE REST ROOMS NEXT TO THE MARINA'S PARKING AREA, THE MARK BEING REFERENCED FROM BENCH MARK "JAM2" ALSO LOCATED NEAR THE MARK ON THE SEA WALL.



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

SURVEYOR: BRK NB
DWN BY: NB
REVIEWED BY: CVM
APPROVED BY:
PLOT SCALE: 1:100
IMAGE DATE:
SIZE: ANSI - D
IMAGE SOURCE:
DRAWING DATE: 13 MAY 2019
SUBMITTED BY:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: Lexington Harbor.dgn

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MI

DETROIT AREA OFFICE
6309 WEST JEFFERSON AVE.
DETROIT, MICHIGAN 48209

LEXINGTON HARBOR MICHIGAN

POST DREDGE SURVEY
07 MAY 2019

SHEET IDENTIFICATION

SHEET 1 OF 1