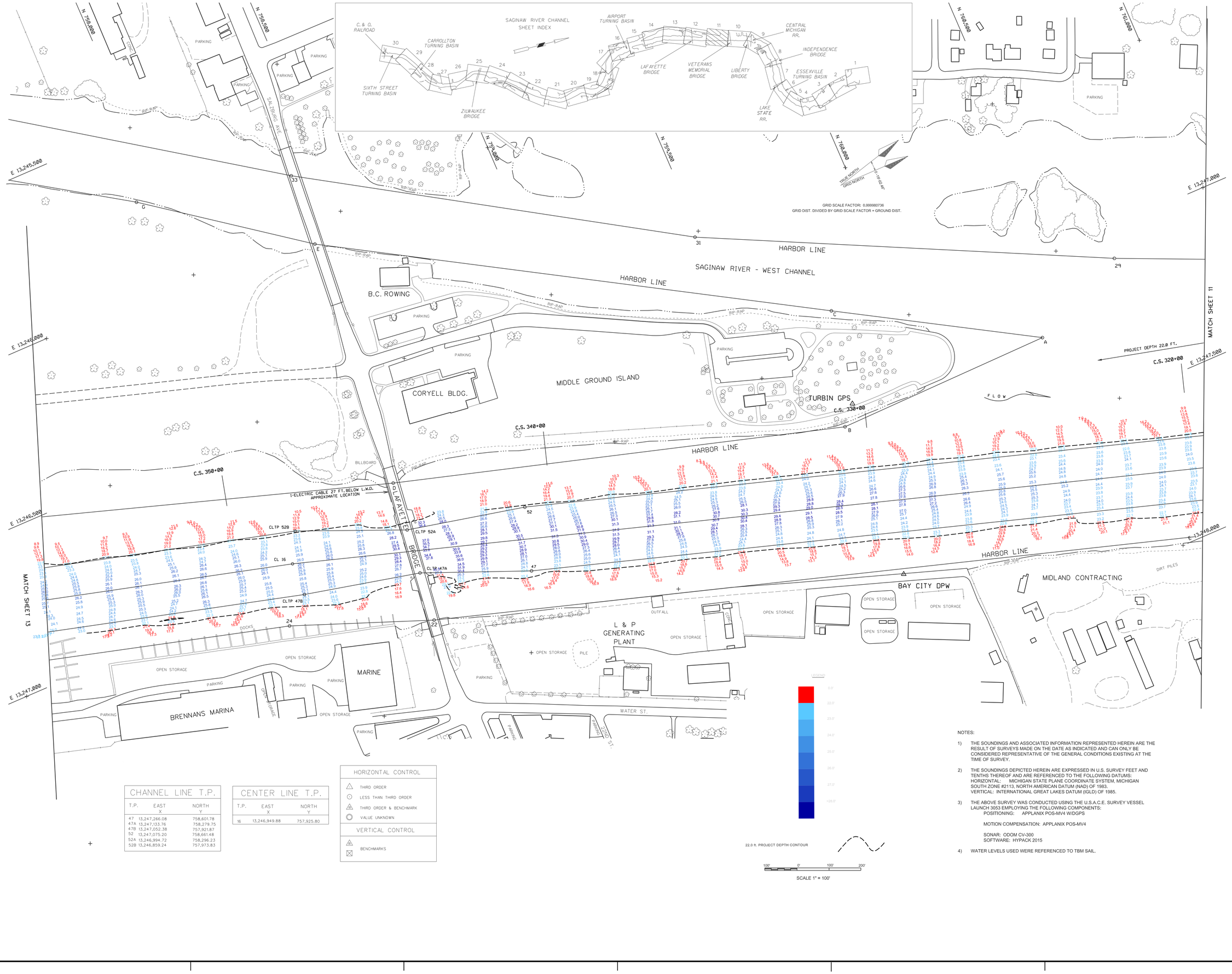

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
47	13,247,266.08	758,601.78
47A	13,247,133.76	758,279.75
47B	13,247,052.38	757,921.87
52	13,247,075.20	758,661.48
52A	13,246,994.72	758,296.23
52B	13,246,859.24	757,973.83

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
16	13,246,949.88	757,925.80

HORIZONTAL CONTROL
△ THIRD ORDER
⊙ LESS THAN THIRD ORDER
⧋ THIRD ORDER & BENCHMARK
◯ VALUE UNKNOWN
VERTICAL CONTROL
⧋ BENCHMARKS

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 LAUNCH 3053 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 W/DGPS
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2015

4) WATER LEVELS USED WERE REFERENCED TO TBM SAIL.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPD	MARK	DESCRIPTION

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: RS, RS
DRAWN BY: RS
CHKD BY:
DATE OF SURVEY: 20180427
SOLICITATION NO.:
SUBMITTED BY: Christopher D. Lenhart
CONTRACT NO.:
PLOT SCALE: 1" = 100'
PLOT DATE: 2018/05/16
FILE NAME: Saginaw River 12.dgn
FILE NUMBER:
SIZE: ANSI E

SAGINAW RIVER
MICHIGAN
CONDITION OF CHANNEL
APRIL 2018

SHEET IDENTIFICATION

SHEET 12 OF 30