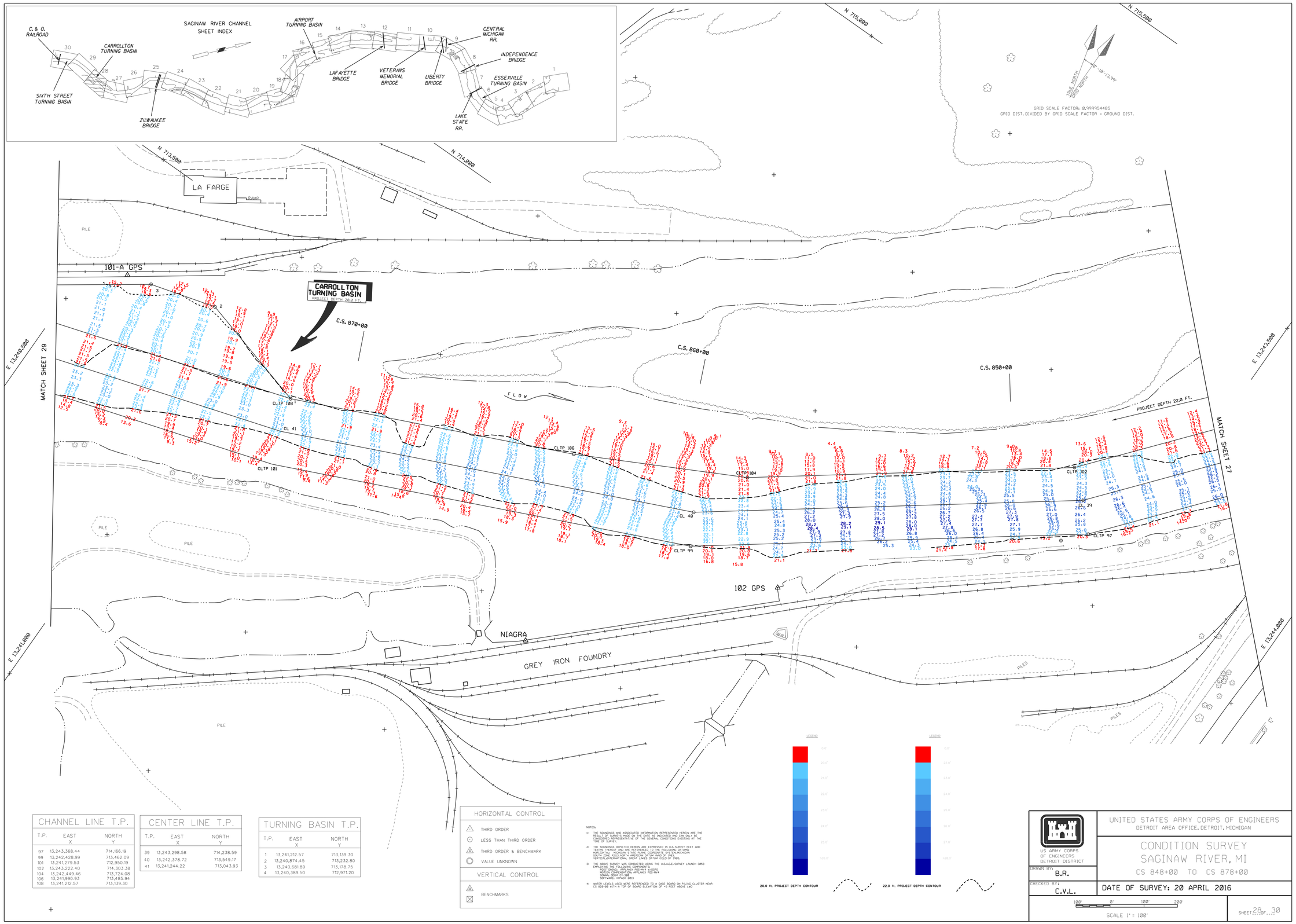

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
97	13,243,368.44	714,166.19
99	13,242,428.99	713,462.09
101	13,241,279.53	712,950.19
102	13,243,222.40	714,303.38
104	13,242,449.46	713,724.08
106	13,241,990.93	713,485.94
108	13,241,212.57	713,139.30

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
39	13,243,298.58	714,238.59
40	13,242,378.72	713,549.17
41	13,241,244.22	713,043.93

TURNING BASIN T.P.		
T.P.	EAST X	NORTH Y
1	13,241,212.57	713,139.30
2	13,240,874.45	713,232.80
3	13,240,681.89	713,178.75
4	13,240,389.50	712,971.20

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:NAD83 MICHIGAN STATE PLANE COORDINATES, MICHIGAN SOUTH ZONE, U.S. 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 LAUNCH 3853 EMPLOYING THE FOLLOWING COMPONENTS:
DGPS: TRIMBLE AGRIS RECEIVER W/DGPS
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2013

4) WATER LEVELS USED WERE REFERENCED TO A GAGE BOARD ON FILING CLUSTER NEAR CS 828+00 WITH A TOP OF BOARD ELEVATION OF +5 FEET ABOVE LWD

LEGEND

20.0 FT. PROJECT DEPTH CONTOUR

LEGEND

22.0 FT. PROJECT DEPTH CONTOUR

US ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

UNITED STATES ARMY CORPS OF ENGINEERS
DETROIT AREA OFFICE, DETROIT, MICHIGAN

CONDITION SURVEY
SAGINAW RIVER, MI

CS 848+00 TO CS 878+00

DRAWN BY: B.R.

CHECKED BY: C.V.L.

DATE OF SURVEY: 20 APRIL 2016

100' 0' 100' 200'

SCALE 1" = 100'

SHEET 28 OF 30