



N 404.000

N 403.000

N 402.000

E 13,540,000

E 13,541,000

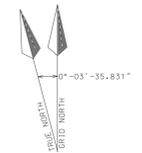
E 13,541,000

E 13,542,000

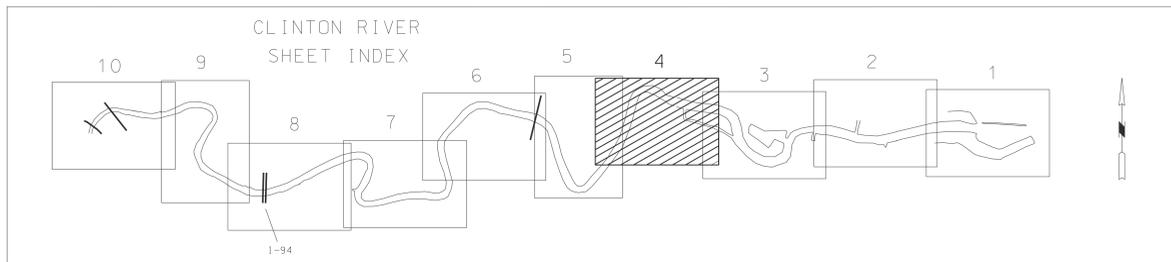
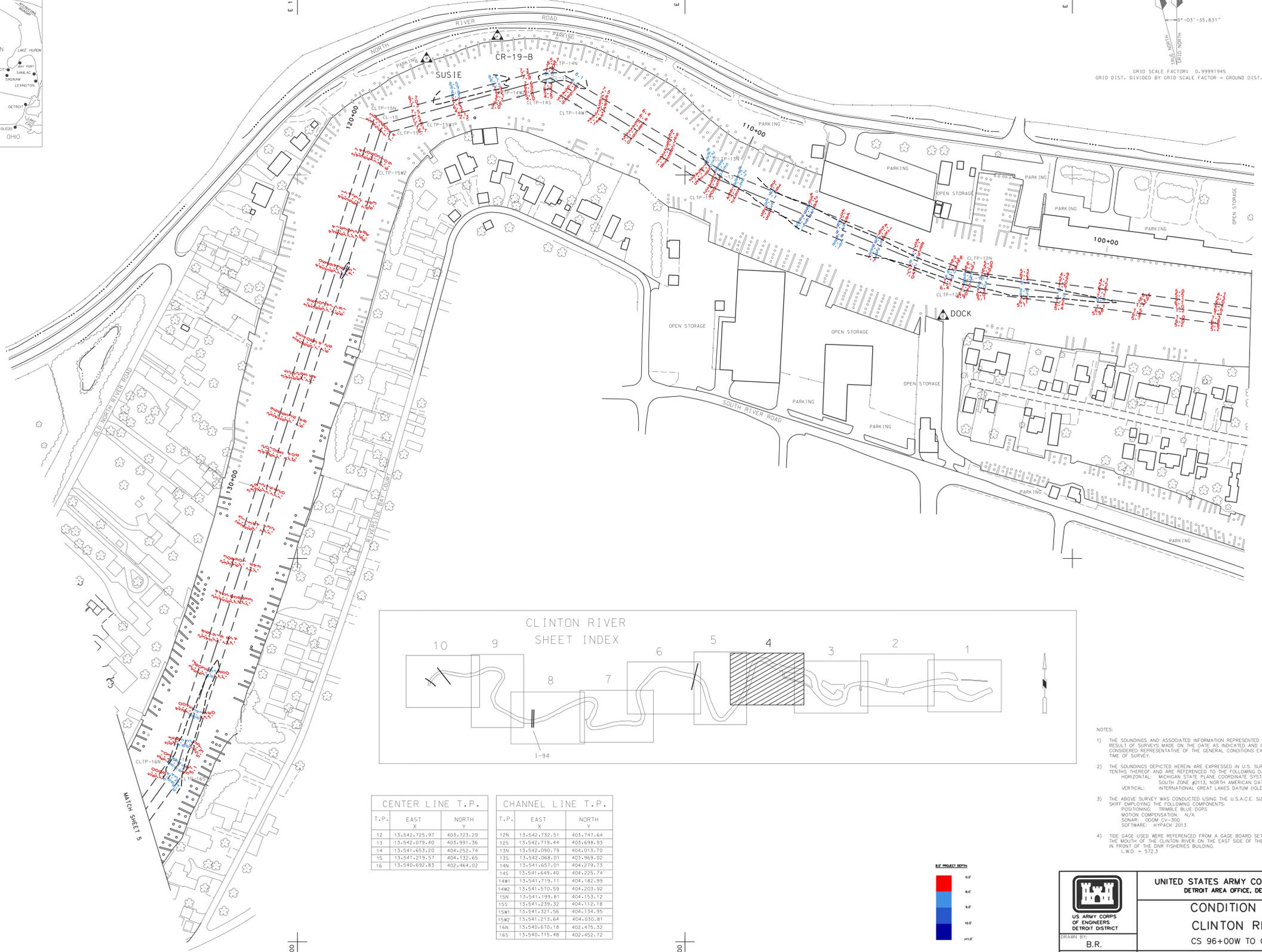
E 13,542,000

E 13,543,000

E 13,543,000

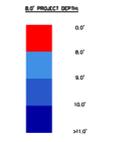


GRID SCALE FACTOR: 0.99991945
GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.



CENTER LINE T.P.		
T.P.	EAST X	NDRTH Y
12	13,542,725.97	403,723.29
13	13,542,079.40	403,991.36
14	13,541,653.20	404,252.74
15	13,541,219.57	404,132.65
16	13,540,692.83	402,464.02

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
12N	13,542,732.51	403,747.64
12S	13,542,719.44	403,698.93
13N	13,542,080.79	404,013.70
13S	13,542,068.01	403,969.02
14N	13,541,657.01	404,279.73
14S	13,541,649.40	404,225.74
14N1	13,541,719.11	404,182.99
14N2	13,541,510.59	404,203.92
15N	13,541,199.81	404,153.12
15S	13,541,239.32	404,112.18
15N1	13,541,321.56	404,134.95
15N2	13,541,213.64	404,030.81
16N	13,540,610.18	402,476.32
16S	13,540,715.48	402,452.72



AS SHOWN PROJECT DEPTH CONTOUR

- 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 SKIFF EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: TRIMBLE BLUE ZIPPIS
MOTION COMPENSATION: N/A
SONAR: 1200M C/O-300
SOFTWARE: HYPERACK 2013
 - 4) TIDE GAUGE USED WERE REFERENCED FROM A GAGE BOARD SET ON PILING NEAR THE MOUTH OF THE CLINTON RIVER ON THE EAST SIDE OF THE DNR DOCK, IN FRONT OF THE DNR FISHERIES BUILDING.
L.W.D. = 572.3

	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	CONDITION SURVEY CLINTON RIVER, MI CS 96+00W TO CS 139+00W	
DRAWN BY: B.R.	DATE OF SURVEY: 19 JULY 2016	
CHECKED BY: C.V.L.		
		SHEET 4 OF 10
SCALE 1" = 100'		