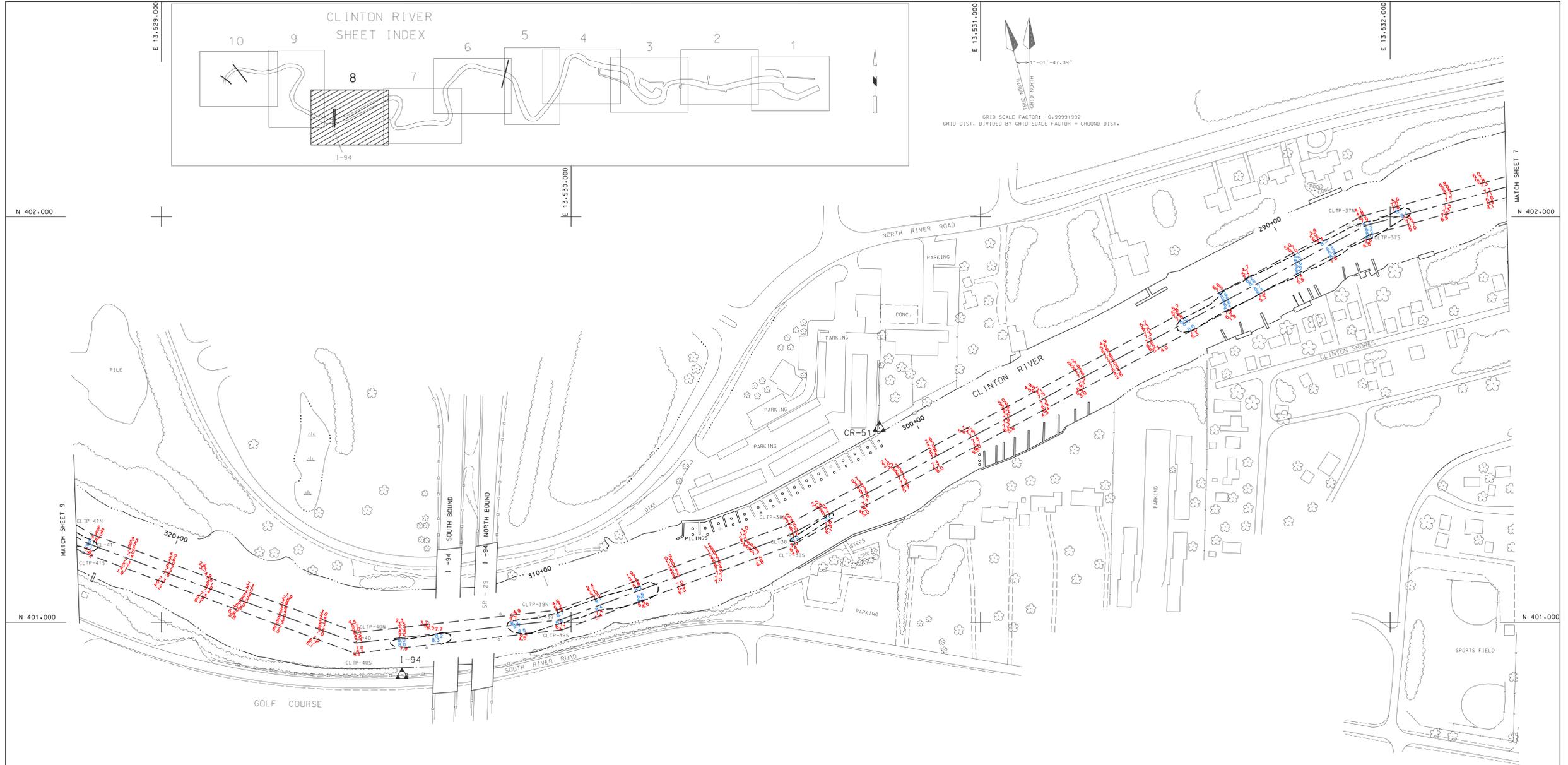
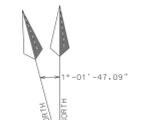


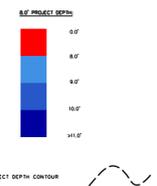
GRID SCALE FACTOR: 0.99991992
 GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.



CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
37	13,531,939.91	401,978.13
38	13,530,533.67	401,215.26
39	13,529,971.64	401,005.36
40	13,529,474.88	400,948.94
41	13,528,819.34	401,194.30

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
37N	13,531,930.50	402,001.46
37S	13,531,949.33	401,954.80
38N	13,530,523.28	401,238.07
38S	13,530,544.05	401,192.45
39N	13,529,965.77	401,029.86
39S	13,529,977.51	400,980.87
40N	13,529,478.02	400,974.46
40S	13,529,471.73	400,923.43
41N	13,528,830.15	401,216.95
41S	13,528,808.53	401,171.65

HORIZONTAL CONTROL		
STATION	COORDINATES	
	EAST X	NORTH Y
CR-51	13,530,752.80	401,479.06
I-94	13,529,587.15	400,869.70



- NOTES:
- 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.
 - 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.
 - THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL SHIP EMPLOYING THE FOLLOWING COMPONENTS:
 POSITIONING: TRIMBLE BLUE DGPS
 MOTION COMPENSATION: N/A
 SONAR: ODOM CV-300
 SOFTWARE: HYDRACK 2013
 - 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 284+00W TO CS 322+00W	
DRAWN BY: B.R.	DATE OF SURVEY: 25 JULY 2016	
CHECKED BY: C.V.L.	SCALE 1" = 100'	
		SHEET 8 OF 10