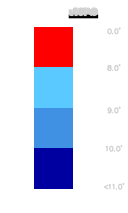


SAGINAW BAY

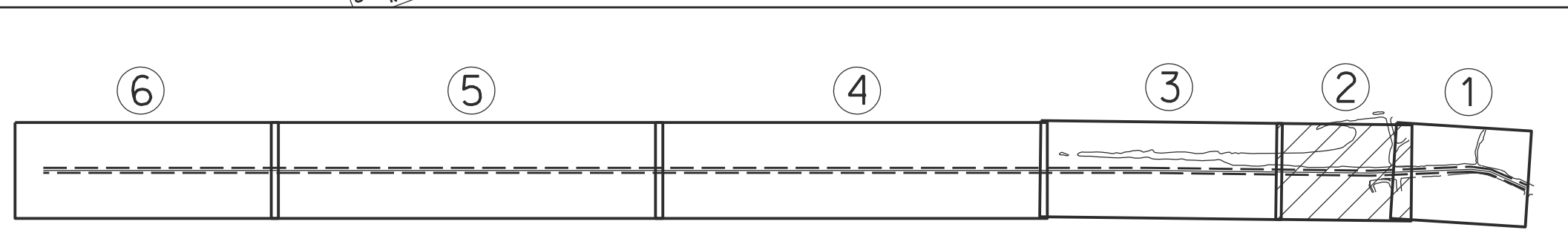


8.8 ft. PROJECT BATHYMETRY

CONTROL POINTS (C.P.S.)		
STATION	EAST	NORTH
S-28	13,361,970.23	816,177.50
PIPE A	13,361,698.42	816,725.54
PIPE B	13,360,646.13	817,119.44
DISPOSAL	13,361,560.30	816,396.47
S-29	13,361,842.41	816,576.77

CHANNEL LIMITS TURNING POINTS		
STATION	EAST	NORTH
CL 1B	13,361,616.88	816,505.13
CL 2B	13,361,639.77	816,571.31

CENTERLINE TURNING POINTS			
STATION		EAST	NORTH
10+00.14	CENTER POL	13,361,956.75	816,433.80
13+44.77	CENTER 1B	13,361,628.33	816,538.22



INDEX TO SHEETS SEBEWAING RIVER

- 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 SKIFF EMPLOYING THE FOLLOWING COMPONENTS:  
POSITIONING: TRIMBLE BLUE W/DGPS  
SONAR: ODOM CV-300  
SOFTWARE: HYDACK 2015
  - WATER LEVELS USED WERE REFERENCED TO TBM CDF LOCATED AT THE OLD U.S.A.C.E. CONFINED DISPOSAL FACILITY ALONG THE SEAWALL IDENTIFIED WITH ORANGE PAINT MARK. L.W.D.=577.5

	<b>UNITED STATES ARMY CORPS OF ENGINEERS</b> DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	<b>CONDITION SURVEY</b> <b>SEBEWAING RIVER, MI</b> CS 07+50 TO CS 26+00	
DRAWN BY: B. R.	CHECKED BY: C. V. L.	
DATE OF SURVEY: 3 MAY 2017		SCALE: 1"=50' 
		SHEET 2 OF 6