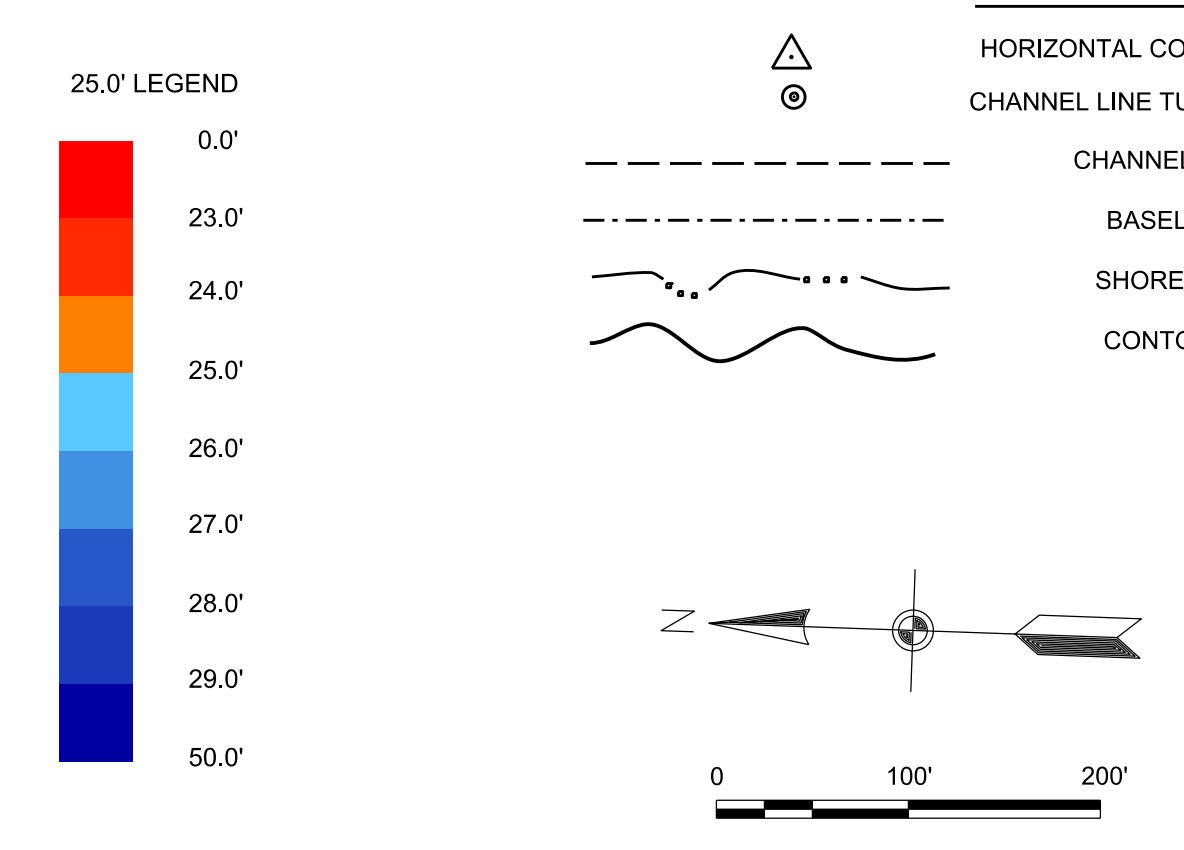


- NOTES
1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 06, 2018 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
  2. SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM (LWD) ELEVATION IS 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A ROSS 8285 SINGLE BEAM DEPTH SOUNDING.
  3. HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC (RTK) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) CORRECTIONS FROM A BASE STATION LOCATED AT US ARMY CORPS OF ENGINEERS (USACE) CONTROL POINT 103. A BRASS DISK STAMPED "NEWMAN 1991" SET IN CONCRETE AT THE BASE OF NAVIGATION AID NUMBER 68 AT THE END OF A PIER, ON THE SOUTH EAST SIDE OF LILY POND. THE GPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POSIMV VER. 4.0.
  4. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
  5. THE PROJECT DEPTH FOR THIS AREA IS 25'.



COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES	
		NORTHING	EASTING
BARTON	ALIM. CAP.	885261.036	25843955.923
NEWMAN	BRASS CAP.	888117.076	25844484.958
PIE	BRASS CAP.	884544.847	25844484.958
CLARK	ALIM. CAP.	892790.647	25843286.350
RED L1170	NAVIC. AID.	871311.162	25844229.221
GRN. L1171	NAVIC. AID.	894780.463	25842345.194
PT 19	E CHANNEL LINE	889897.5	25844655.1
PT 21	E CHANNEL LINE	888423.7	25844485.5
PT 23	E CHANNEL LINE	888117.076	25844484.958
PT 25	E CHANNEL LINE	884529.3	25844484.958
PT 27	E CHANNEL LINE	881176.5	25843649.5
PT C	CENTERLINE	871131.7	25844229.221
PT D	CENTERLINE	884544.8	25844212.8
PT E	CENTERLINE	885148.3	25844114.2
PT F	CENTERLINE	881846.4	25843878.0
PT 22	W CHANNEL LINE	888335.5	25844104.6
PT 24	W CHANNEL LINE	885151.5	25844025.5
PT 26	W CHANNEL LINE	884888.5	25843513.4
PT 28	W CHANNEL LINE	882135.8	25843425.4
PT 30	W CHANNEL LINE	881131.8	25842346.7

US Army Corps of Engineers

NEWMAN WATERWAY MICHIGAN

DETROIT DISTRICT DETROIT, MI

FILE NAME: KWW05.DWG  
 DATE: 06/06/2018  
 SCALE: 1" = 100'

CONTRACT NO.:  
 DRAWN BY:  
 CHECKED BY:  
 DATE: 06/06/2018  
 SCALE: 1" = 100'

SHEET IDENTIFICATION  
 KWW 05

CONDITION OF CHANNEL  
 JUNE 2018