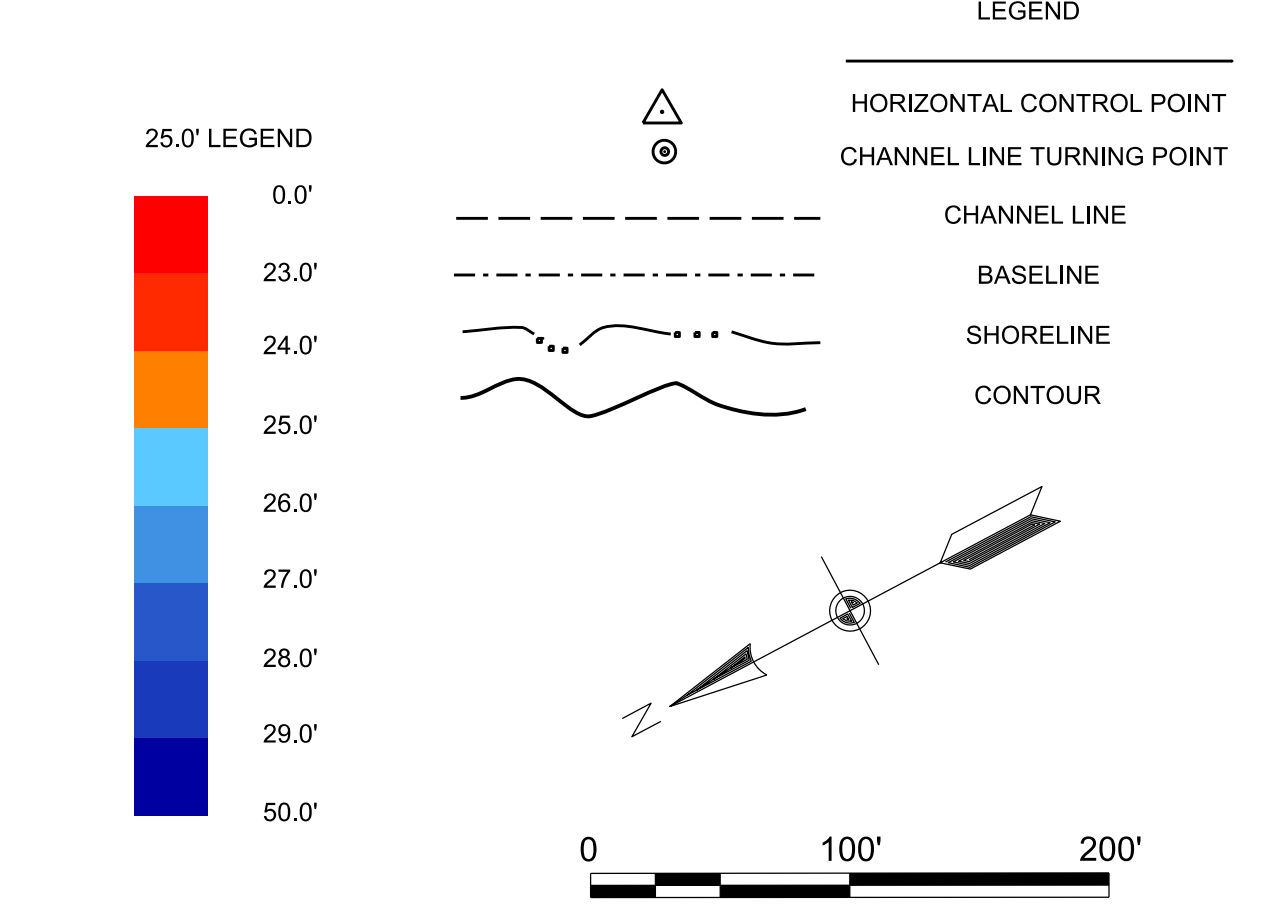


- NOTES**
1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON LINE OR, 2016 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
 2. SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM (LWD) ELEVATION IS 601.1 FEET ABOVE MEAN WATER LEVEL AT FIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A ROSS 8258 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 "NEWMAW 1991" SET IN CONCRETE AT THE BASE OF NAVIGATION AID NUMBER 63 AT THE END OF A PIER, ON THE SOUTH EAST SIDE OF LILY POND. THE GPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POSMV VER. 4.0.
 4. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2113), 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	ALUM. CAP	885261.036	25842995.323
CAP	BRASS CAP	885274.293	25844131.474
W. MARKMAN	ALUM. CAP	883895.174	25843368.223
KORPELA	ALUM. CAP	881511.885	25842985.320
RED LI+68	NAVIG. AID	888418.655	25844336.351
RED LI+70	NAVIG. AID	891531.162	25844272.221
PT 19	F. CHANNEL LINE	889897.5	25844655.1
PT 21	F. CHANNEL LINE	888423.7	25844405.7
PT 23	F. CHANNEL LINE	888332.5	25844484.4
PT 25	F. CHANNEL LINE	884291.1	25843563.0
PT 27	F. CHANNEL LINE	884376.8	25843545.5
PT 2	F. CHANNEL LINE	891137.7	25844265.3
PT 0	CENTERLINE	884434.8	25844212.0
PT 6	CENTERLINE	889548.3	25844417.2
PT 7	CENTERLINE	874551.8	25838583.2
PT 22	W. CHANNEL LINE	888335.8	25844184.7
PT 24	W. CHANNEL LINE	889151.5	25844065.5
PT 26	W. CHANNEL LINE	884808.5	25842913.0
PT 28	W. CHANNEL LINE	882153.8	25842428.9
PT 30	W. CHANNEL LINE	881131.8	25842346.7

US Army Corps of Engineers

PROJECT: NEWMAW WATERWAY
 DISTRICT: DETROIT DISTRICT
 LOCATION: DETROIT, MI
 CONTRACT NO.:
 DRAWING NO.:
 DATE: JUNE 2016
 SCALE: 1" = 400'

DESIGNER: US ARMY CORPS OF ENGINEERS
 CHECKED BY:
 APPROVED BY:
 DATE: JUNE 2016
 SCALE: 1" = 400'

FILE NAME: NEWMAW_SOUTH
 PROJECT: NEWMAW WATERWAY
 DISTRICT: DETROIT DISTRICT
 LOCATION: DETROIT, MI
 CONTRACT NO.:
 DRAWING NO.:
 DATE: JUNE 2016
 SCALE: 1" = 400'

CONDITION OF CHANNEL
 JUNE 2016

SHEET IDENTIFICATION
 KWWW 06
 SHEET 6 OF 14