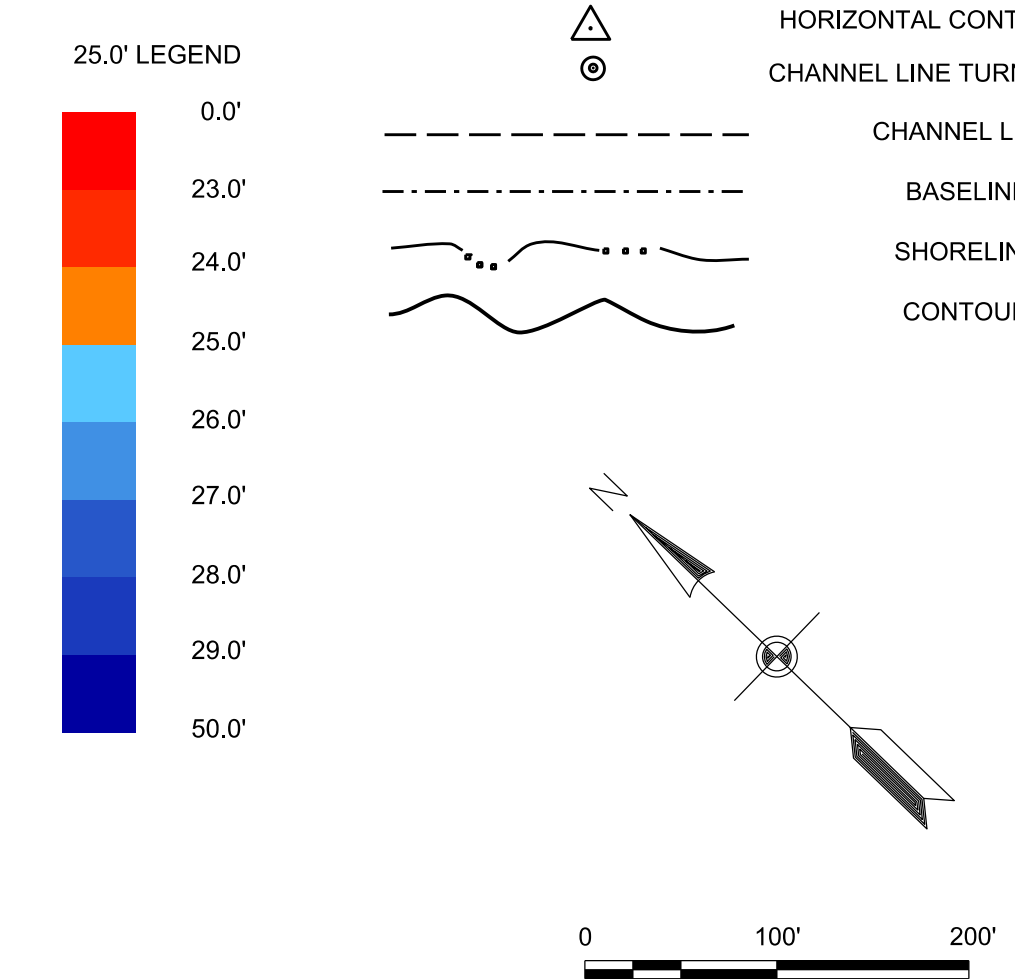


**NOTES**

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 05, 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 RIMOULSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A ROSS 8288 SINGLE BEAM DEPTH SOUNDER.
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 153. A PK WALL SET IN THE CONCRETE AT THE NORTH EAST SIDE OF A DOCK WALL AT KEWEENAW PARK ON NORTH ENTRY ROAD, NORTHERLY OF THE NORTHERN MOST BOLLARD. THE GPS RECEIVER IS MANUFACTURED BY APPLANK 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
ROCK PILE	ALUM. CAP	81143.9	25886713.1
DUNE	ALUM. CAP	81232.3	25887445.5
SHO	ALUM. CAP	81233.9	25884437.4
GRN L1 #17	NAVIG. AD	81233.8	2588501.4
RED L1 #16	NAVIG. AD	81265.5	25885066
PT. 27	E. CHANNEL LINE	819168.3	25879736.8
PT. 29	E. CHANNEL LINE	81947.9	2588693.2
PT. 3	CENTERLINE	82893.7	25878726.0
PT. 2	CENTERLINE	809435.6	25888517.2
PT. 22	W. CHANNEL LINE	81997.8	25878562.8
PT. 24	W. CHANNEL LINE	881922.7	25887853.4

US Army Corps of Engineers

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DATE: _____	SCALE: _____	REVISION:
DESCRIPTION: _____	DATE: _____	SCALE: _____
DATE: _____	SCALE: _____	REVISION: _____

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APPROVED BY: _____	DATE: _____	SCALE: _____

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PROJECT NAME: _____	DRAWN BY: _____	DATE: _____
CONTRACT NO.: _____	APPROVED BY: _____	SCALE: _____

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SHEET IDENTIFICATION  
KWW 20