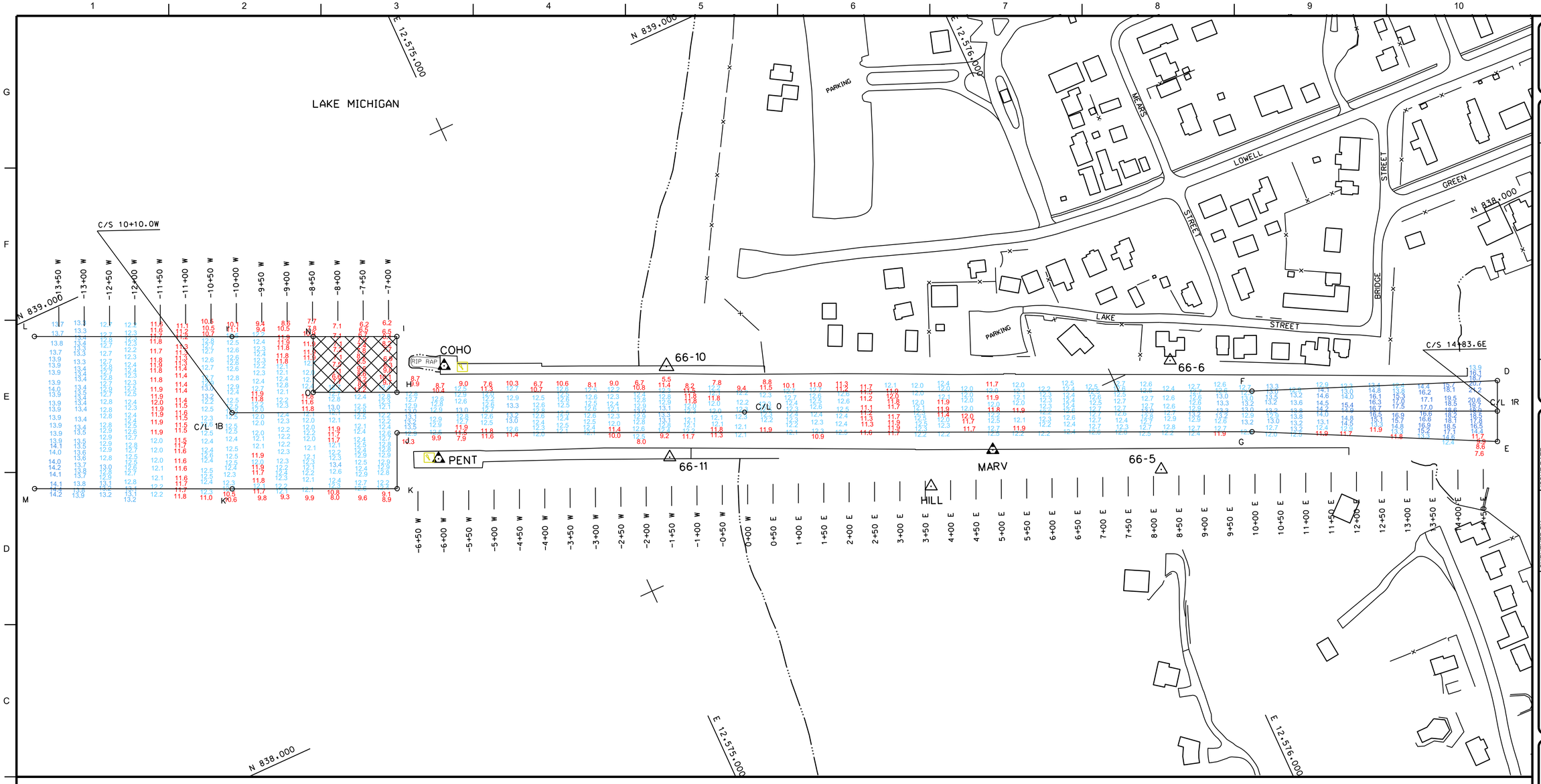

ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC.

GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (2113) 1983 NORTH AMERICAN DATUM, U.S. FOOT.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

VERTICAL WATER LEVEL READINGS WERE TAKEN FROM A FIXED GAUGE MARK ALONG THE SHEET STEEL WALL NEAR CROSS SECTION 14+50E IN PENTWATER LAKE, MI.

SURVEYED ON: 12 JUNE 2019
POSITIONING METHOD: APPLANIX POS M/V W/DGPS CORRECTIONS
MOTION COMPENSATION: APPLANIX OCEAN MASTER POS M/V
EQUIPMENT: ODOM CV 300 SINGLE BEAM SOUNDER
SOFTWARE: HYPACK
VESSEL: LAUNCH 3058

CHANNEL LINE TURNING POINTS		
STATION NUMBER	COORDINATES NORTH	EAST
D	837,685.18	12,576,687.56
E	837,575.96	12,576,637.86
F	837,867.30	12,576,239.10
G	837,794.48	12,576,205.97
H	838,565.25	12,574,705.46
I	838,665.37	12,574,751.01
F	838,800.00	12,574,455.21
J	838,492.44	12,574,672.32
K	838,392.32	12,574,626.75
K'	838,526.94	12,574,330.95
L	838,962.20	12,574,101.18
M	838,689.14	12,573,976.91
N	838,733.72	12,574,600.84
O	838,633.60	12,574,555.27

CENTERLINE		
STATION NUMBER	COORDINATES NORTH	EAST
C/L 1B	838,663.47	12,574,393.08
C/L 0	838,245.11	12,575,312.35
C/L 1R	837,630.56	12,576,662.71

12' Legend

- 0.0'
- 12.0'
- 13.0'
- 14.0'
- 15.0'
- 15.0'+

No Dredge Area
Large Stones

0 100' 200'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: 13-June-19
SOLICITATION NO.:
CONTRACT NO.:
DRAWING NUMBER:
SURVEYED BY: E.D.S.
DRAWN BY: E.D.S.
REVIEWED BY:
APPROVED BY:
SIZE: ANSI D
FILE NAME: pentwater 2019 after.dgn

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

LAKE MICHIGAN AREA OFFICE
307 SOUTH HARBOR DR
GRAND HAVEN, MI 49417

PENTWATER HARBOR
MICHIGAN
AFTER DREDGING

CONDITION OF CHANNEL JUNE 2019

SHEET ID

VH101