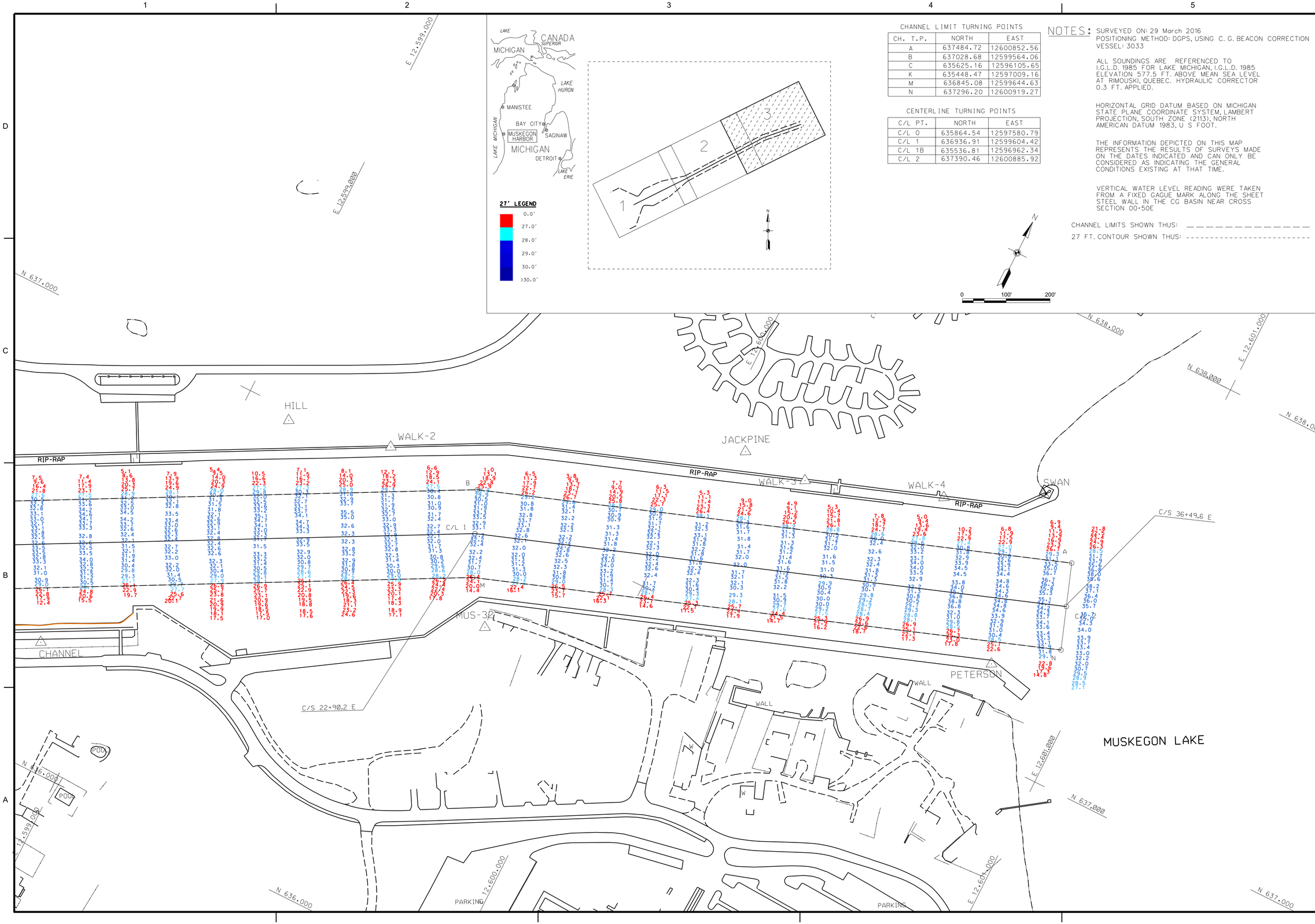

CHANNEL LIMIT TURNING POINTS

CH. T.P.	NORTH	EAST
A	637484.72	12600852.56
B	637028.68	12599564.06
C	635625.16	12596105.65
K	635448.47	12597009.16
M	636845.08	12599644.63
N	637296.20	12600919.27

CENTERLINE TURNING POINTS

C/L PT.	NORTH	EAST
C/L 0	635864.54	12597580.79
C/L 1	636936.91	12599604.42
C/L 1B	635536.81	12596962.34
C/L 2	637390.46	12600885.92

NOTES:

SURVEYED ON: 29 March 2016
POSITIONING METHOD: DGPS, USING C. G. BEACON CORRECTION
VESSEL: 3033

ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, I.G.L.D. 1985 ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR 0.3 FT. APPLIED.

HORIZONTAL GRID DATUM BASED ON MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE (2113), NORTH AMERICAN DATUM 1983, 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 READING WERE TAKEN FROM A FIXED GAGUE MARK ALONG THE SHEET STEEL WALL IN THE CG BASIN NEAR CROSS SECTION 00+50E

CHANNEL LIMITS SHOWN THUS: — — — — — — — — — — — —

27 FT. CONTOUR SHOWN THUS: - - - - - - - - - - - - - - - -

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MI

DWN BY: EDS | CKD BY: EDS | REVIEWED BY: | APPROVED BY: | PLOT SCALE: 1" = 100' | PLOT DATE: | SIZE: ANSI D

DATE: 29-Mar-2016 | SUBMITTED BY: | CONTRACT NO.: | IMAGE DATE: | IMAGE SOURCE: | FILE NUMBER: | FILE NAME: Muskegon2016.dgn

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

MUSKEGON HARBOR MICHIGAN

CONDITION OF CHANNEL
March 2016

SHEET IDENTIFICATION
V-103
SHEET 3 OF 3