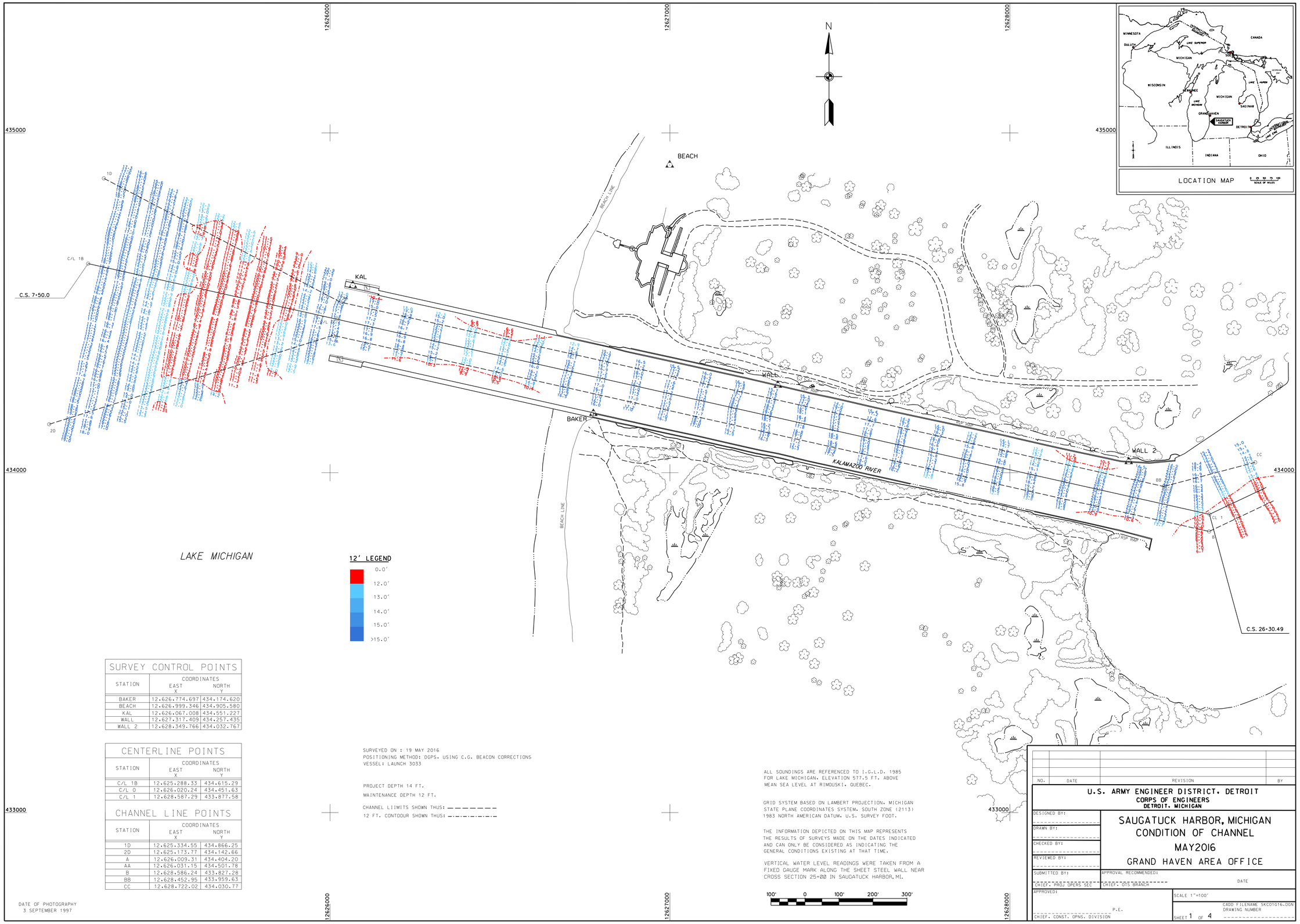

SURVEY CONTROL POINTS		
STATION	COORDINATES EAST X	NORTH Y
BAKER	12.626.774.697	434.174.620
BEACH	12.626.999.346	434.905.580
KAL	12.626.067.008	434.551.227
WALL	12.627.317.409	434.257.435
WALL 2	12.628.349.766	434.032.767

CENTERLINE POINTS		
STATION	COORDINATES EAST X	NORTH Y
C/L 1B	12.625.288.33	434.615.29
C/L 0	12.626.020.24	434.451.63
C/L 1	12.628.587.29	433.877.58

CHANNEL LINE POINTS		
STATION	COORDINATES EAST X	NORTH Y
1D	12.625.334.55	434.866.25
2D	12.625.173.77	434.142.66
A	12.626.009.31	434.404.20
AA	12.626.031.15	434.501.78
B	12.628.586.24	433.827.28
BB	12.628.452.95	433.959.63
CC	12.628.722.02	434.030.77

DATE OF PHOTOGRAPHY
3 SEPTEMBER 1997

SURVEYED ON : 19 MAY 2016
POSITIONING METHOD: DGPS. USING C.G. BEACON CORRECTIONS
VESSEL: LAUNCH 3033

PROJECT DEPTH 14 FT.

MAINTENANCE DEPTH 12 FT.

CHANNEL LIIMITS SHOWN THUS: — — — — — — — —
12 FT. CONTOOUR SHOWN THUS: —·—·—·—·—·—

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 COORDINATES SYSTEM. SOUTH ZONE (2113) 1983 NORTH AMERICAN DATUM. U.S. SURVEY 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 25+00 IN SAUGATUCK HARBOR, MI.

NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:
REVIEWED BY:
SUBMITTED BY:
CHIEF, PROJ OPERS SEC
APPROVAL RECOMMENDED:
CHIEF, OTS BRANCH
DATE
APPROVED:
P.E.
CHIEF, CONST. OPNS. DIVISION

SAUGATUCK HARBOR, MICHIGAN
CONDITION OF CHANNEL
MAY2016
GRAND HAVEN AREA OFFICE

SCALE 1"=100'
CADD FILENAME SKC01G16.DGN
DRAWING NUMBER
SHEET 1 OF 4