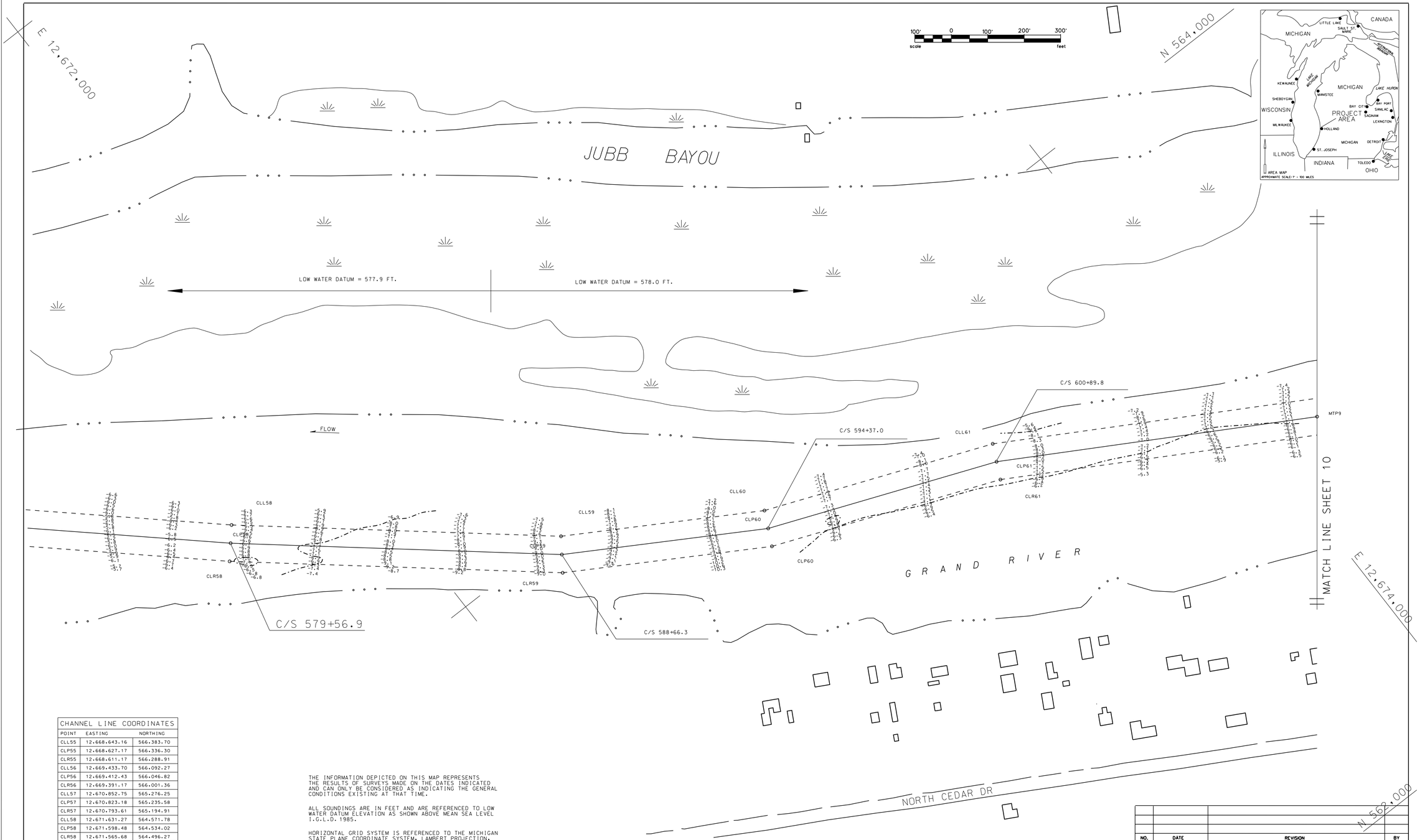

CHANNEL LINE COORDINATES		
POINT	EASTING	NORTHING
CLL55	12,668,643.16	566,383.70
CLP55	12,668,627.17	566,336.30
CLR55	12,668,611.17	566,288.91
CLL56	12,669,433.70	566,092.27
CLP56	12,669,412.43	566,046.82
CLR56	12,669,391.17	566,001.36
CLL57	12,670,852.75	565,276.25
CLP57	12,670,823.18	565,235.58
CLR57	12,670,793.61	565,194.91
CLL58	12,671,631.27	564,571.78
CLP58	12,671,598.48	564,534.02
CLR58	12,671,565.68	564,496.27
CLL59	12,672,325.39	563,992.01
CLP59	12,672,296.42	563,951.06
CLR59	12,672,267.44	563,910.12
CLL60	12,672,809.27	563,704.74
CLP60	12,672,787.16	563,659.71
CLR60	12,672,765.05	563,614.69
CLL61	12,673,415.89	563,464.40
CLP61	12,673,394.11	563,419.25
CLR61	12,673,372.33	563,374.09
MTP8	12,668,053.15	566,512.13
MTP9	12,674,164.02	562,976.59

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.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION AS SHOWN ABOVE MEAN SEA LEVEL I.G.L.D. 1985.

HORIZONTAL GRID SYSTEM IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE (2113), NORTH AMERICAN DATUM 1983 (NAD83). US FOOT.

THE BASE MAP FEATURES DEPICTED ON THIS MAP WERE DIGITIZED FROM EXISTING LINE DRAWINGS DATED APRIL 1976 AND ARE OUTDATED AND INACCURATE.

ALL NAD83 GRID AND COORDINATE DATA USED FOR THIS SHEET WERE CONVERTED FROM NAD27 COORDINATES USING CORPSCON VERSION 3.01 SOFTWARE.

SURVEYED ON: 1 NOVEMBER 2007
POSITIONING METHOD: DGPS. USING C. G. BEACON CORRECTION
VESSEL: LAUNCH 3033

PROJECT DEPTH 8 FT.

CHANNEL LIMITS SHOWN THUS: - - - - - - - - - - - - - - - -

7 FT. CONTOUR SHOWN THUS: -·-·-·-·-·-·-·-·-·-·-·-·-·-

DATE OF PHOTOGRAPHY
19 JULY 1992

NO.	DATE	REVISION	BY

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

DRAWN BY
DESIGNED BY
CHECKED BY
REVIEWED:
SUBMITTED:
CHIEF, PROJ. OPERS. SEC.

GRAND RIVER, MICHIGAN
CONDITION OF CHANNEL
NOVEMBER 2007
GRAND HAVEN AREA OFFICE

APPROVAL RECOMMENDED:
CHIEF, OPER. & MAINT BRANCH
DATE

APPROVED
CHIEF, CONST. OPNS. DIVISION

SCALE 1" = 100'
CADD FILENAME HOCO1G07.DGN
DRAWING NUMBER
SHEET 1 OF 9