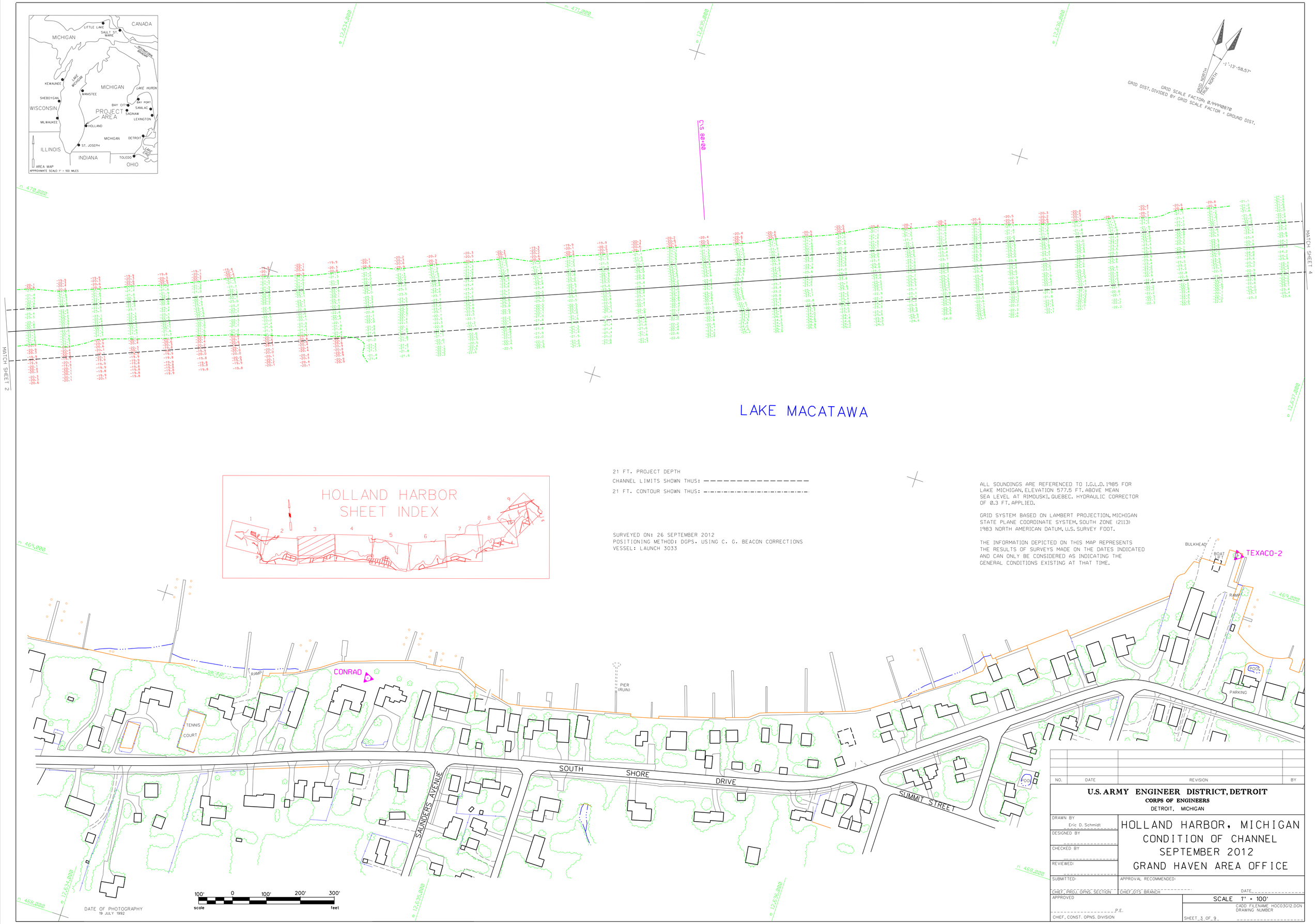
AREA MAP
APPROXIMATE SCALE: 1" = 100 MILES
CANADA
MICHIGAN
LITTLE LAKE
SAULT ST. MARIE
KEWAUNEE
SHEBOYGAN
MANISTEE
WISCONSIN
MILWAUKEE
HOLLAND
PROJECT AREA
BAY CITY
SAGINAW
BAY PORT
SANILAC
LEXINGTON
DETROIT
ST. JOSEPH
ILLINOIS
INDIANA
TOLEDO
OHIO
LAKE HURON
LAKE ERIE
GRID NORTH
TRUE NORTH
1°-13'-58.57"
GRID SCALE FACTOR: 0.99998878
GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.
C.S. BB+00
MATCH SHEET 2
MATCH SHEET 4
LAKE MACATAWA
HOLLAND HARBOR
SHEET INDEX
21 FT. PROJECT DEPTH
CHANNEL LIMITS SHOWN THUS:
21 FT. CONTOUR SHOWN THUS:
SURVEYED ON: 26 SEPTEMBER 2012
POSITIONING METHOD: DGPS. USING C. G. BEACON CORRECTIONS
VESSEL: LAUNCH 3033
ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR OF 0.3 FT. APPLIED.
GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE 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.
BULKHEAD
BOAT
TEXACO-2
RAMP
POOL
PARKING
CONRAD
TENNIS COURT
PIER (RUIN)
SOUTH SHORE DRIVE
SAUNDERS AVENUE
SUMMIT STREET
DATE OF PHOTOGRAPHY
19 JULY 1992
100' 0 100' 200' 300'
scale
feet
NO.
DATE
REVISION
BY
U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN
DRAWN BY
Eric D. Schmidt
DESIGNED BY
CHECKED BY
REVIEWED:
SUBMITTED:
CHIEF, PROJ. OPNS. SECTION
APPROVAL RECOMMENDED:
CHIEF, GTS BRANCH
DATE
APPROVED
P.E.
CHIEF, CONST. OPNS. DIVISION
HOLLAND HARBOR, MICHIGAN
CONDITION OF CHANNEL
SEPTEMBER 2012
GRAND HAVEN AREA OFFICE
SCALE 1" = 100'
CADD FILENAME HOC03G12.DGN
DRAWING NUMBER
SHEET 3 OF 9