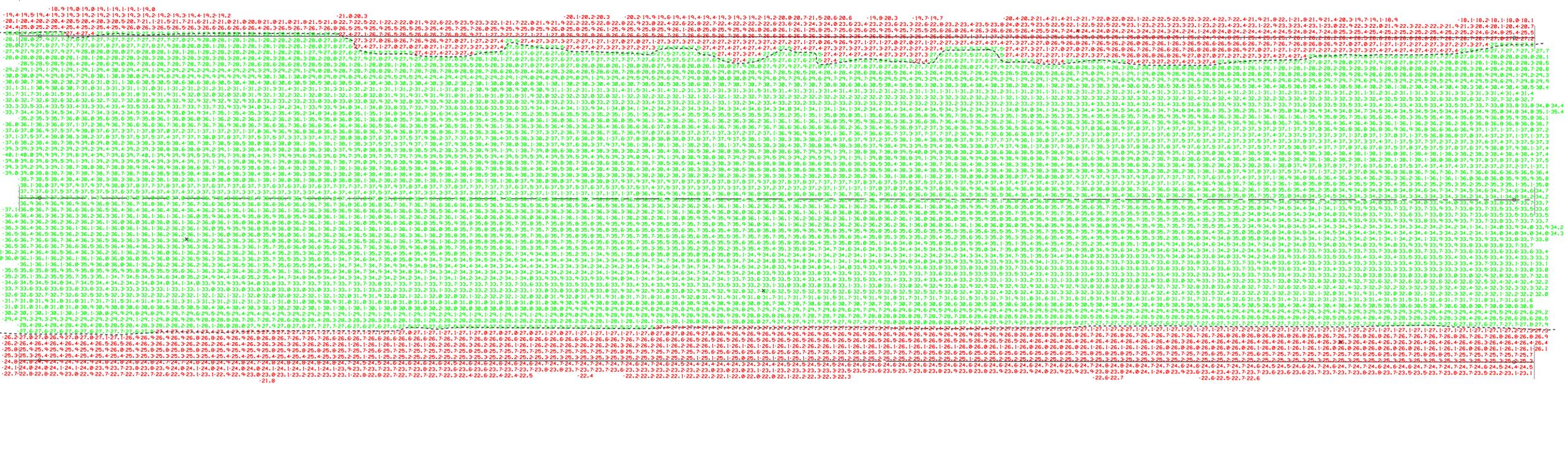
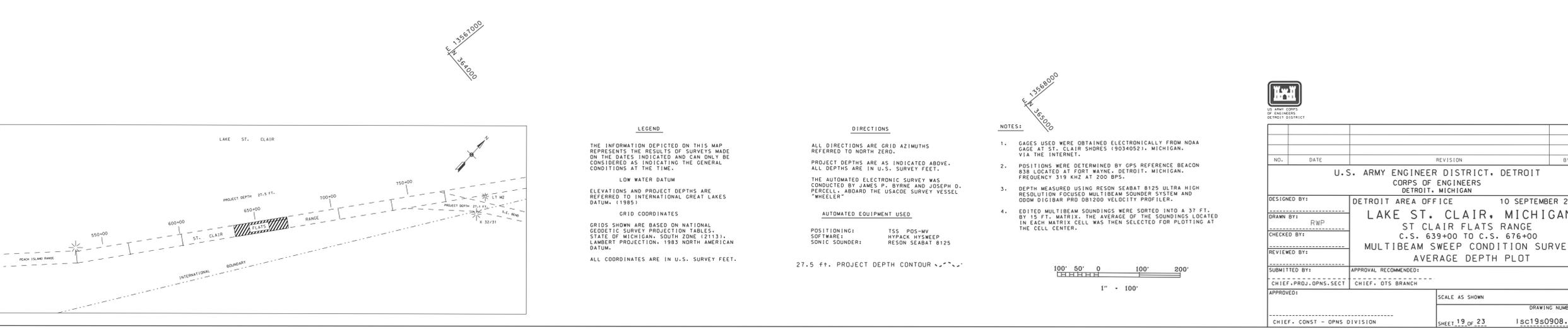




640+00 650+00 x 660+00 670+00 676+00



PROJECT DEPTH 27.5 FT. L.W.D. 572.3'



LEGEND

LOW WATER DATUM  
ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM.

GRID COORDINATES  
GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTIONS. STATE COORDINATE SYSTEM IS U.S. STANDARD LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

ALL COORDINATES ARE IN U.S. SURVEY FEET.

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 AT THE TIME.

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS INDICATED ABOVE. ALL DEPTHS ARE IN U.S. SURVEY FEET.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY JAMES P. BRINE AND JOSEPH D. PERCELLI ABOARD THE USACE SURVEY VESSEL "WHEELER".

POSITIONING: IGS POS-MV HYPERKINEMSEY SONIC SOUNDERS: RESON SEABAT 8125

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS INDICATED ABOVE. ALL DEPTHS ARE IN U.S. SURVEY FEET.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY JAMES P. BRINE AND JOSEPH D. PERCELLI ABOARD THE USACE SURVEY VESSEL "WHEELER".

POSITIONING: IGS POS-MV HYPERKINEMSEY SONIC SOUNDERS: RESON SEABAT 8125

NOTES:

1. GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA GAGE AT ST. CLAIR SHORES (19034052), MICHIGAN. VIA INTERNET.

2. POSITIONING WAS DETERMINED BY GPS REFERENCE BEACON BEACON LOCATED AT FORT WAYNE, DETROIT, MICHIGAN. FREQUENCY 319 KHZ AT 200 FPS.

3. DEPTH MEASURED USING RESON SEABAT 8125 ULTRA HIGH SOLUTION FOCUSED MULTIBEAM SOUNDING SYSTEM AND ODOM DIGIBAR PRO D1200 ZULOG PROFILER.

4. EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE AVERAGE OF THE SOUNDINGS LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

27.5 ft. PROJECT DEPTH CONTOUR



1" = 100'

DRAWING NUMBER: ISc19s0908.dgn

SHEET 19 OF 23