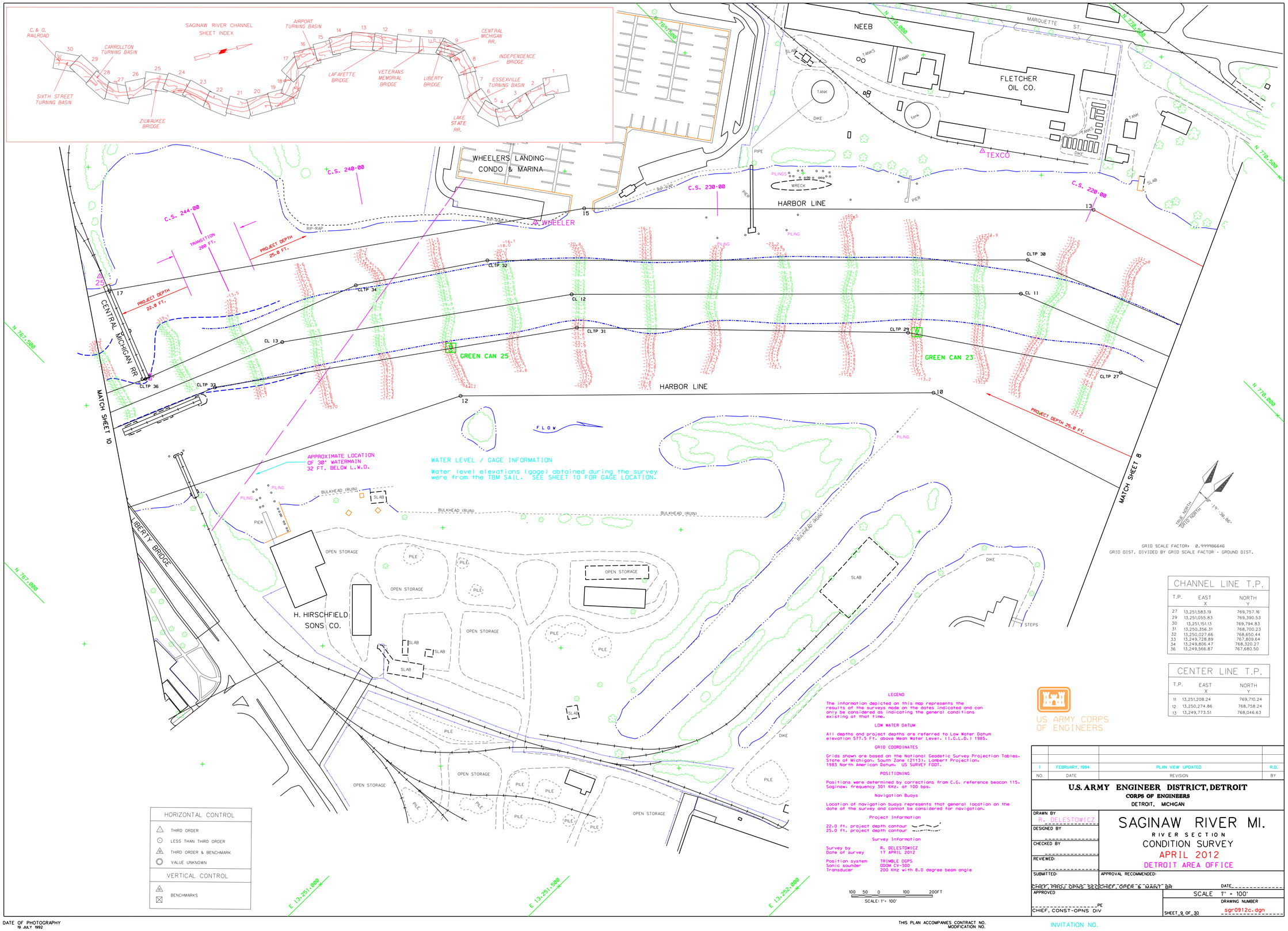

CHANNEL LINE T.P.

T.P.	EAST X	NORTH Y
27	13,251,583.19	769,757.16
29	13,251,055.83	769,390.53
30	13,251,151.13	769,794.83
31	13,250,356.31	768,700.23
32	13,250,027.66	768,650.44
33	13,249,728.89	767,809.64
34	13,249,806.47	768,320.27
36	13,249,566.87	767,680.50

CENTER LINE T.P.

T.P.	EAST X	NORTH Y
11	13,251,208.24	769,710.24
12	13,250,274.86	768,758.24
13	13,249,773.51	768,046.63

HORIZONTAL CONTROL

- THIRD ORDER
- LESS THAN THIRD ORDER
- THIRD ORDER & BENCHMARK
- VALUE UNKNOWN

VERTICAL CONTROL

- BENCHMARKS

LEGEND

The information depicted on this map represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

LOW WATER DATUM

All depths and project depths are referred to Low Water Datum elevation 577.5 ft. above Mean Water Level. (I.G.L.D.) 1985.

GRID COORDINATES

Grids shown are based on the National Geodetic Survey Projection Tables. State of Michigan. South Zone (2113). Lambert Projection. 1983 North American Datum. US SURVEY FOOT.

POSITIONING

Positions were determined by corrections from C.G. reference beacon 115. Saginaw. frequency 301 KHz. at 100 bps.

Navigation Buoys

Location of navigation buoys represents that general location on the date of the survey and cannot be considered for navigation.

Project Information

22.0 ft. project depth contour
25.0 ft. project depth contour

Survey Information

Survey by R. DELESTOWICZ
Date of survey 17 APRIL 2012

Position system TRIMBLE DGPS
Sonic sounder ODOM CV-300
Transducer 200 KHz with 8.0 degree beam angle

US ARMY CORPS OF ENGINEERS

NO.	DATE	REVISION	BY
1	FEBRUARY, 1994	PLAN VIEW UPDATED	R.D.

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

DRAWN BY R. DELESTOWICZ
DESIGNED BY
CHECKED BY
REVIEWED:
SUBMITTED: CHIEF, PROJ OPNS SEC
APPROVAL RECOMMENDED: CHIEF, OPER & MAINT BR
DATE
APPROVED PE CHIEF, CONST-OPNS DIV

SAGINAW RIVER MI.

RIVER SECTION
CONDITION SURVEY
APRIL 2012
DETROIT AREA OFFICE

SCALE 1" = 100'
DRAWING NUMBER sgr0912c.dgn
SHEET 9 OF 30

DATE OF PHOTOGRAPHY 19 JULY 1992

THIS PLAN ACCOMPANIES CONTRACT NO.
MODIFICATION NO.

INVITATION NO.