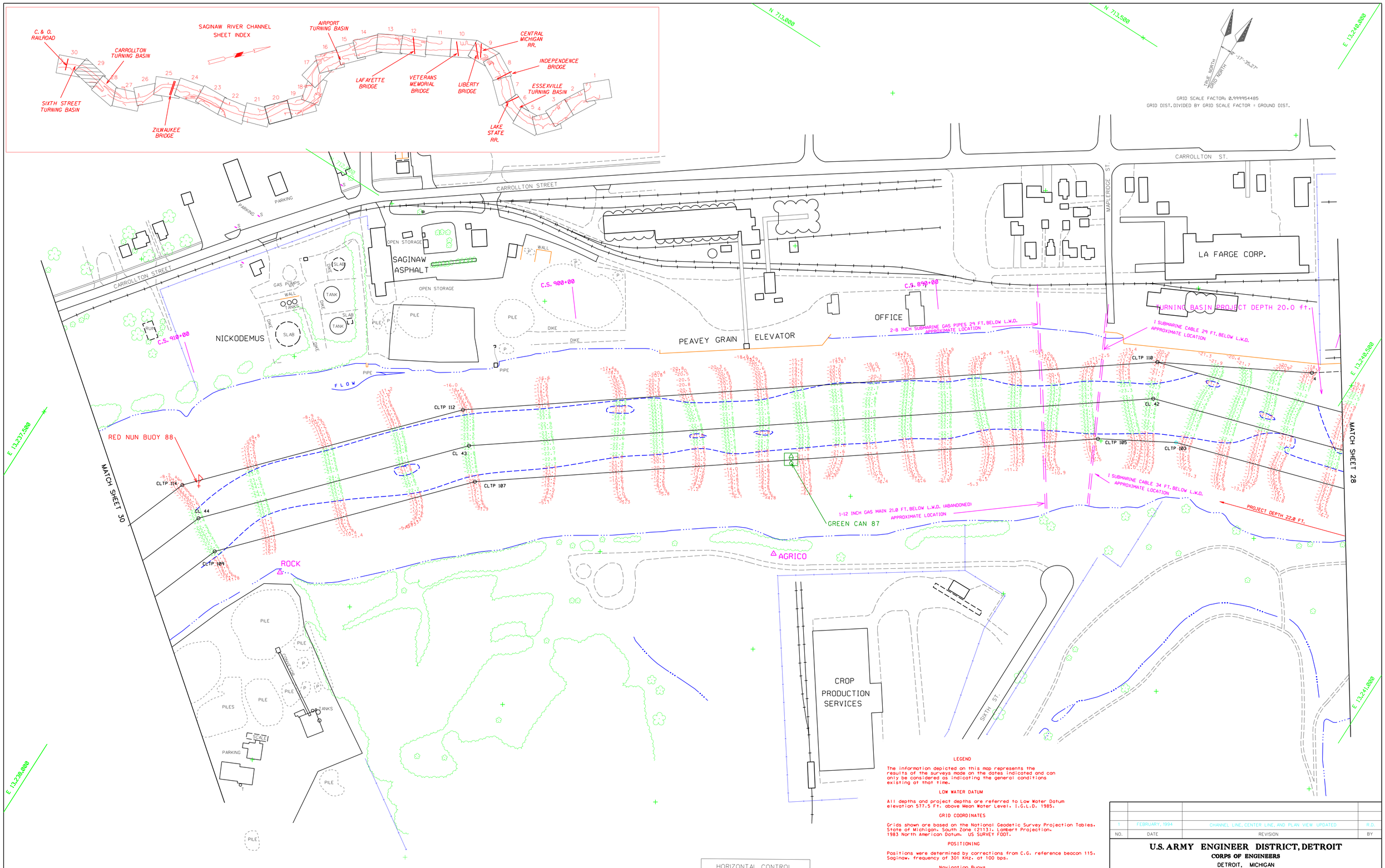

LEGEND

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 of 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

Survey Information

Survey by	R. DELESTOWICZ and J.D. PERCELL
Date of survey	9 APRIL 2012
Position system	TRIMBLE DGPS
Sonic sounder	ODOM CV-300
Transducer	200 KHz with 8.0 degree beam angle

100 50 0 100 200FT

SCALE: 1" = 100'

US Army Corps of Engineers

TURNING BASIN T.P.

T.P.	EAST X	NORTH Y
4	13,240,389.50	712,971.20

CENTER LINE T.P.

T.P.	EAST X	NORTH Y
42	13,240,059.05	712,675.93
43	13,238,538.03	711,551.52
44	13,238,017.05	710,981.97

CHANNEL LINE T.P.

T.P.	EAST X	NORTH Y
103	13,240,177.04	712,607.86
105	13,239,989.84	712,500.41
107	13,238,605.27	711,476.87
109	13,238,104.01	710,928.88
110	13,240,014.36	712,767.25
112	13,238,470.79	711,626.17
114	13,237,930.09	711,035.06

HORIZONTAL CONTROL

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

VERTICAL CONTROL

- BENCHMARKS

NO.	DATE	REVISION	BY
1	FEBRUARY, 1994	CHANNEL LINE, CENTER LINE, AND 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 CHIEF, OPER & MAINT BR
DATE

SAGINAW RIVER MI.

RIVER SECTION
CONDITION SURVEY
APRIL 2012
DETROIT AREA OFFICE

APPROVAL RECOMMENDED:

APPROVED
PE
CHIEF, CONST-OPNS DIV

SCALE 1" = 100'
DRAWING NUMBER
SHEET 29 OF 30 SGR2912C.DGN

DATE OF PHOTOGRAPHY
19 JULY 1992

THIS PLAN ACCOMPANIES CONTRACT NO.
MODIFICATION NO.

INVITATION NO.