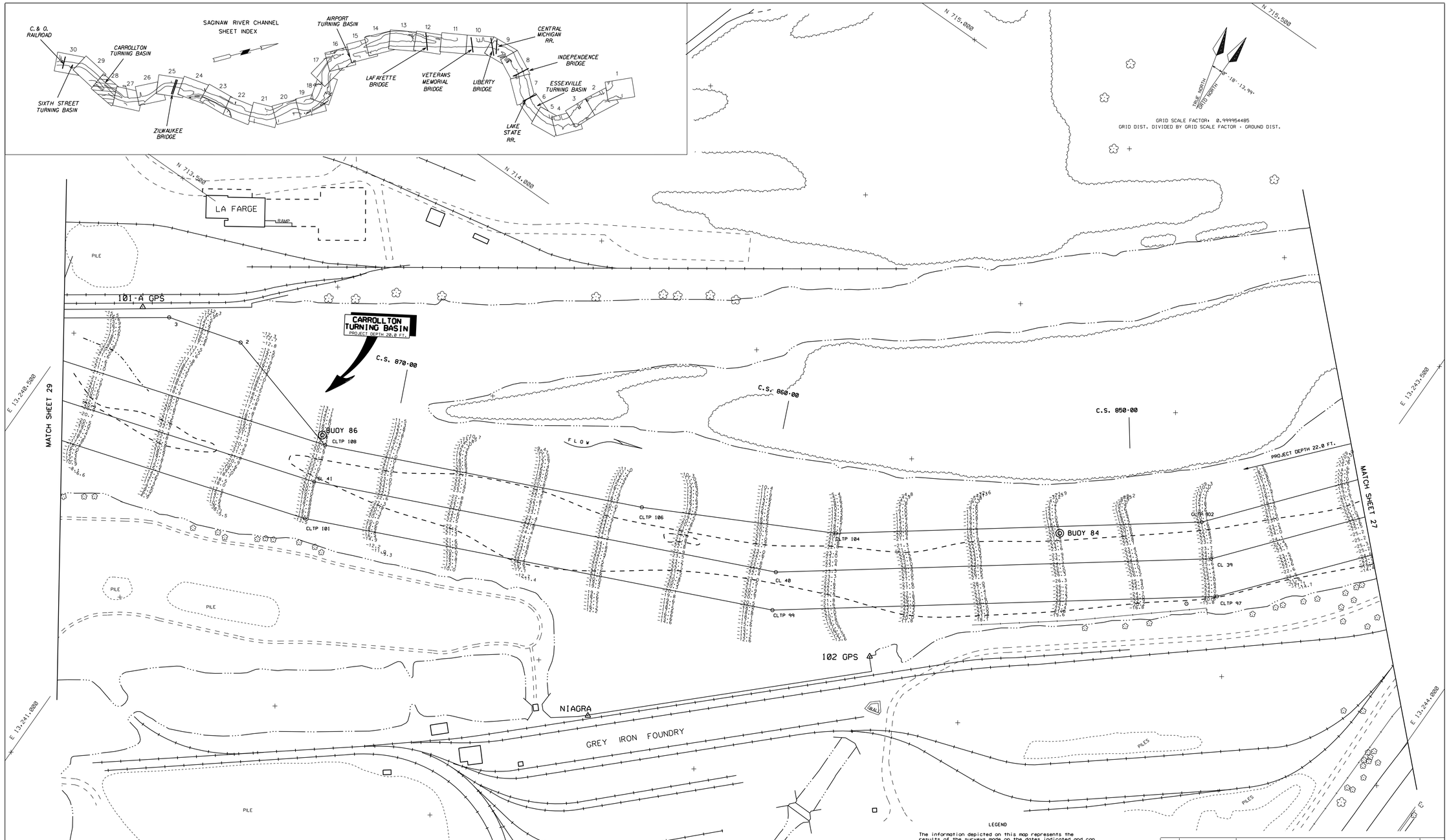

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
97	13,243,368.44	714,166.19
99	13,242,428.99	713,462.09
101	13,241,279.53	712,950.19
102	13,243,222.40	714,303.38
104	13,242,449.46	713,724.08
106	13,241,990.93	713,485.94
108	13,241,212.57	713,139.30

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
39	13,243,298.58	714,238.59
40	13,242,378.72	713,549.17
41	13,241,244.22	713,043.93

TURNING BASIN T.P.		
T.P.	EAST X	NORTH Y
1	13,241,212.57	713,139.30
2	13,240,874.45	713,232.80
3	13,240,681.89	713,178.75
4	13,240,389.50	712,971.20

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.

Navigation Buoys

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

Project Information

Project Depth - AS NOTED

20.0 Ft. contour shown thus
22.0 Ft. contour shown thus

Survey Information

Survey by R. DELESTOWICZ
Date of survey 8 SEPTEMBER, 2004

Position system Ashtech Z-12 & MRB-2A DGPS via Coast Guard System
Sonic sounder Innerspace 448
Transducer 208 KHz with 8.0 degree beam angle

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
APPROVED
PE
CHIEF, CONST-OPNS DIV

SAGINAW RIVER MI.

RIVER SECTION

CONDITION SEPTEMBER, 2004

SAGINAW FIELD OFFICE

APPROVAL RECOMMENDED:
CHIEF, OPER & MAINT BR
DATE
SCALE 1" = 100'
DRAWING NUMBER SGR2804C.DGN
SHEET 28 OF 30

DATE OF PHOTOGRAPHY
19 JULY 1992

THIS PLAN ACCOMPANIES CONTRACT NO.
MODIFICATION NO.

INVITATION NO.