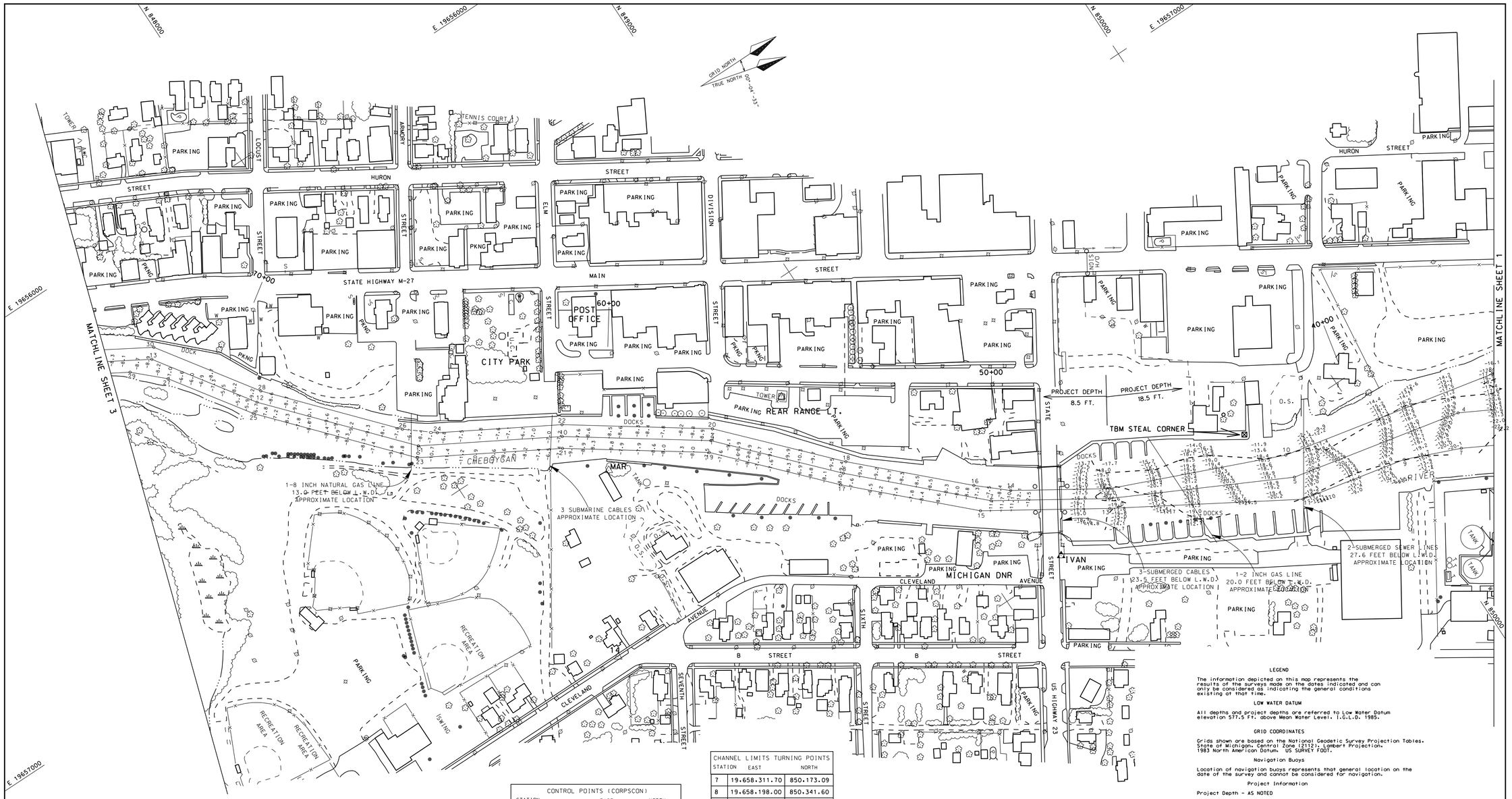


CONTROL POINTS (CORPSCON)		
STATION	EAST	NORTH
13	19.658.727.92	849.884.52
14	19.657.573.77	848.101.72
MAR	19.657.167.02	848.342.20
MICHELE	19.659.728.32	852.971.81
P/L COR. S.E.	19.658.995.73	851.858.55
P/L COR. S.W.	19.658.644.78	852.085.94
REAR RANGE LT.	19.657.252.84	848.809.95
RWTP 2	19.659.149.50	850.663.20

CENTERLINE TURNING POINTS			
STATION		EAST	NORTH
4	37+90.50	19.658.232.45	850.215.76
5	42+35.52	19.658.139.43	849.780.57
6	47+06.69	19.657.926.29	849.360.36
7	50+06.71	19.657.765.33	849.107.17
8	53+87.24	19.657.500.85	848.833.59
9	57+32.77	19.657.246.86	848.599.33
10	61+09.11	19.657.030.52	848.291.39
11	64+73.94	19.656.849.27	847.974.77
12	68+97.21	19.656.531.68	847.694.96
13	71+84.84	19.656.294.08	847.532.85

CHANNEL LIMITS TURNING POINTS		
STATION	EAST	NORTH
7	19.658.311.70	850.173.09
8	19.658.198.00	850.341.60
9	19.658.255.59	850.036.96
10	19.658.080.76	849.793.11
11	19.658.198.11	849.768.03
12	19.657.905.20	849.373.77
13	19.657.947.39	849.346.95
14	19.657.771.06	849.162.78
15	19.657.771.72	849.070.61
16	19.657.709.02	849.092.08
17	19.657.521.82	848.812.12
18	19.657.479.87	848.855.06
19	19.657.269.56	848.579.46
20	19.657.224.15	848.619.21
21	19.657.055.86	848.275.28
22	19.657.005.17	848.307.50
23	19.656.872.83	847.955.55
24	19.656.848.07	848.033.07
25	19.656.550.13	847.671.23
26	19.656.791.91	847.964.23
27	19.656.357.79	847.540.01
28	19.656.513.24	847.718.68
29	19.656.290.98	847.468.82
30	19.656.271.67	847.553.88

CONTROL POINTS (G.P.S.)		
STATION	EAST	NORTH
IVAN	19.657.978.97	849.178.31

WATER LEVEL / GAGE INFORMATION

Water level elevations (gage) obtained during the survey were from TMB STEAL CORNER. SEE SHEET 2 OF 4 FOR LOCATION.

TBM was established from NGS vertical control point BM RANGE (PID OK0021).

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. Central Zone (2112). 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

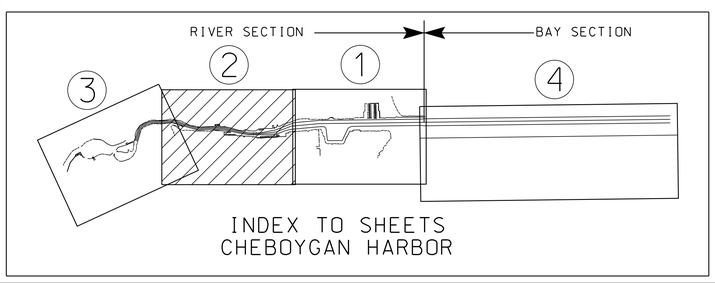
Project Depth - AS NOTED

8.5 Ft. contour shown thus
18.5 Ft. contour shown thus

Survey Information

Survey by: R. DELESTOWICZ
Date of Survey: 10, 11 June 2008

Position system: Starlink 212G DGPS via Coast Guard System
Sonic sounder: Innerspace 448
Transducer: 208 KHz with 8.0 degree beam angle



INDEX TO SHEETS
CHEBOYGAN HARBOR

NO.	DATE	REVISION	BY

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

DESIGNED BY:
DRAWN BY: R. DELESTOWICZ
CHECKED BY:
REVIEWED BY:
SUBMITTED BY:
CHIEF, PROJ OPNS SEC
APPROVED:
CHIEF, CONSTRUCTION-OPERATIONS DIVISION

CHEBOYGAN HARBOR, MI.

RIVER SECTION

CONDITION 10, 11 June 2008

SAGINAW FIELD OFFICE

APPROVAL RECOMMENDED:
CHIEF, OPERATIONS & MAINTENANCE BR
DATE

SCALE: 1 INCH = 100 FT.
CADD FILE NAME
DRAWING NUMBER CHR0208C.DGN
SHEET 2 OF 4