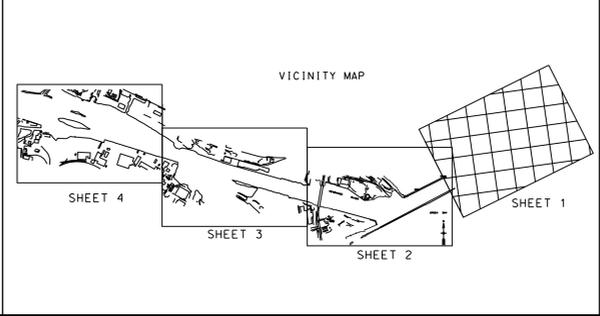
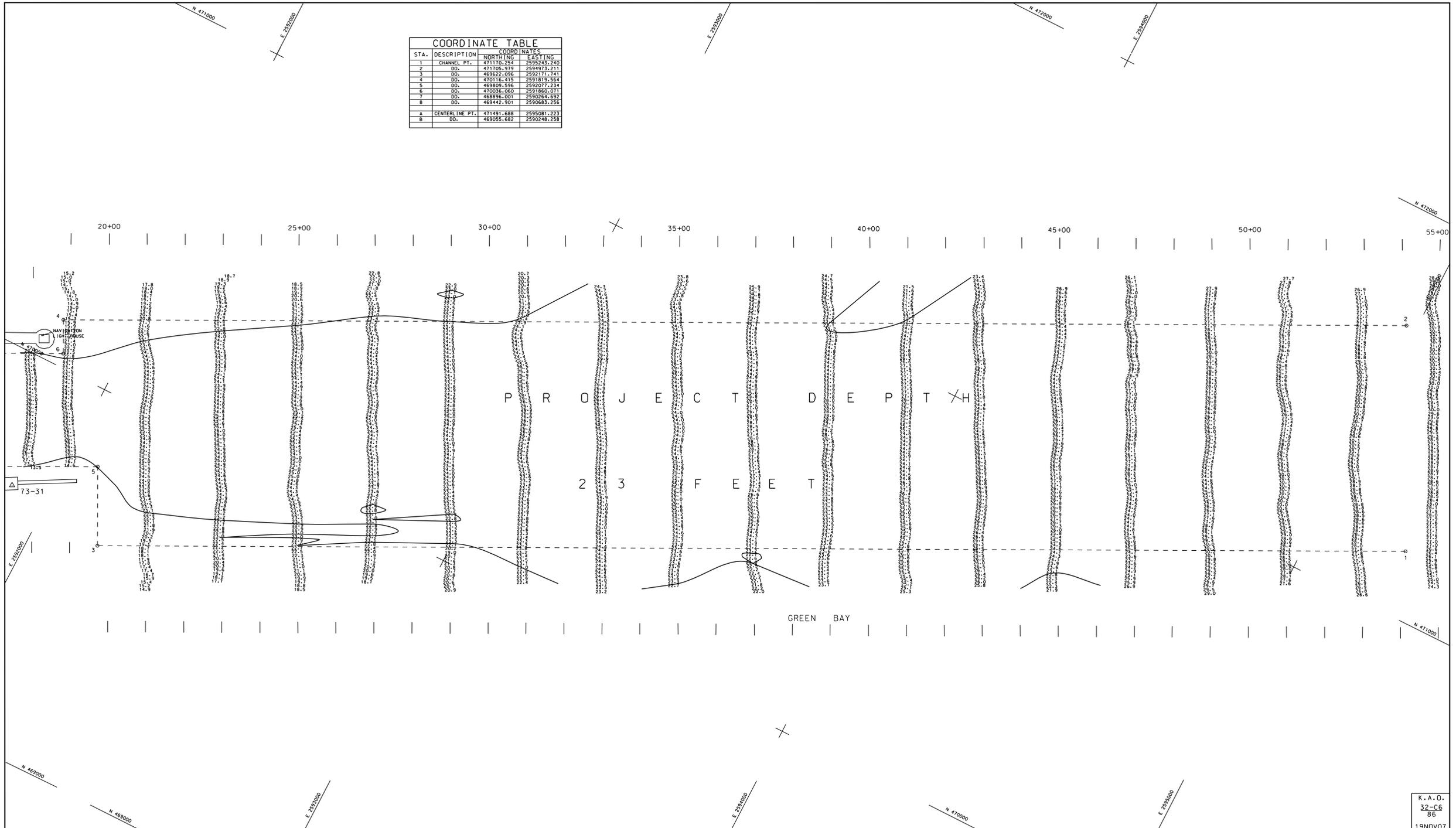


STA.	DESCRIPTION	COORDINATES	
		NORTHING	EASTING
1	CHANNEL PT.	471170.254	259543.240
2	DO.	471705.979	259493.211
3	DO.	469622.096	259271.747
4	DO.	470116.415	259189.564
5	DO.	469809.596	259207.234
6	DO.	470036.060	259186.071
7	DO.	468896.001	259026.692
8	DO.	469442.901	259068.256
A	CENTERLINE PT.	471481.688	2595081.223
B	DO.	469055.682	2590746.293



LEGEND:
 - - - - - PROJECT LIMITS
 - - - - - PROJECT DEPTH 23.0 FEET
 - - - - - DREDGED TO 23.0 FEET

△ GPS CONTROL MONUMENT
 ○ BRONZE DISK SET IN CONCRETE
 X PROJECT LIMIT POINT

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 08 NOVEMBER 2007 USING GPS POSITIONING, AN INNSPACE 448 SOUNDER, AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

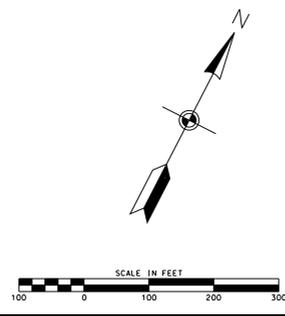
NOTES:
 SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB-OFFICE.

THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, CENTRAL ZONE (4802), NORTH AMERICAN DATUM 1983 (NAD83), US FOOT.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION, 577.5 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (INTERNATIONAL GREAT LAKES DATUM 1985).

PROJECT DEPTH FOR THIS AREA IS 23.0 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 THAT TIME.



NO.		DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN				
DRAWN BY:		M.E.S.		
DESIGNED BY:		R.D.M.		
CHECKED BY:		T.R.J.		
REVIEWED BY:		LAKE MICHIGAN AREA OFFICE		
SUBMITTED BY:		APPROVAL RECOMMENDED:		
CHIEF, PROD. OPS. SECTION		CHIEF, OPS. BRANCH		
APPROVED:		DATE		
CHIEF, ENGINEERING & TECHNICAL SERVICES		SCALE AS SHOWN		
SHEET 1 OF 4		DRAWING NUMBER		

K. A. O.
 32-66
 86
 19NOV07

DRAWING REVISED MARCH 2007