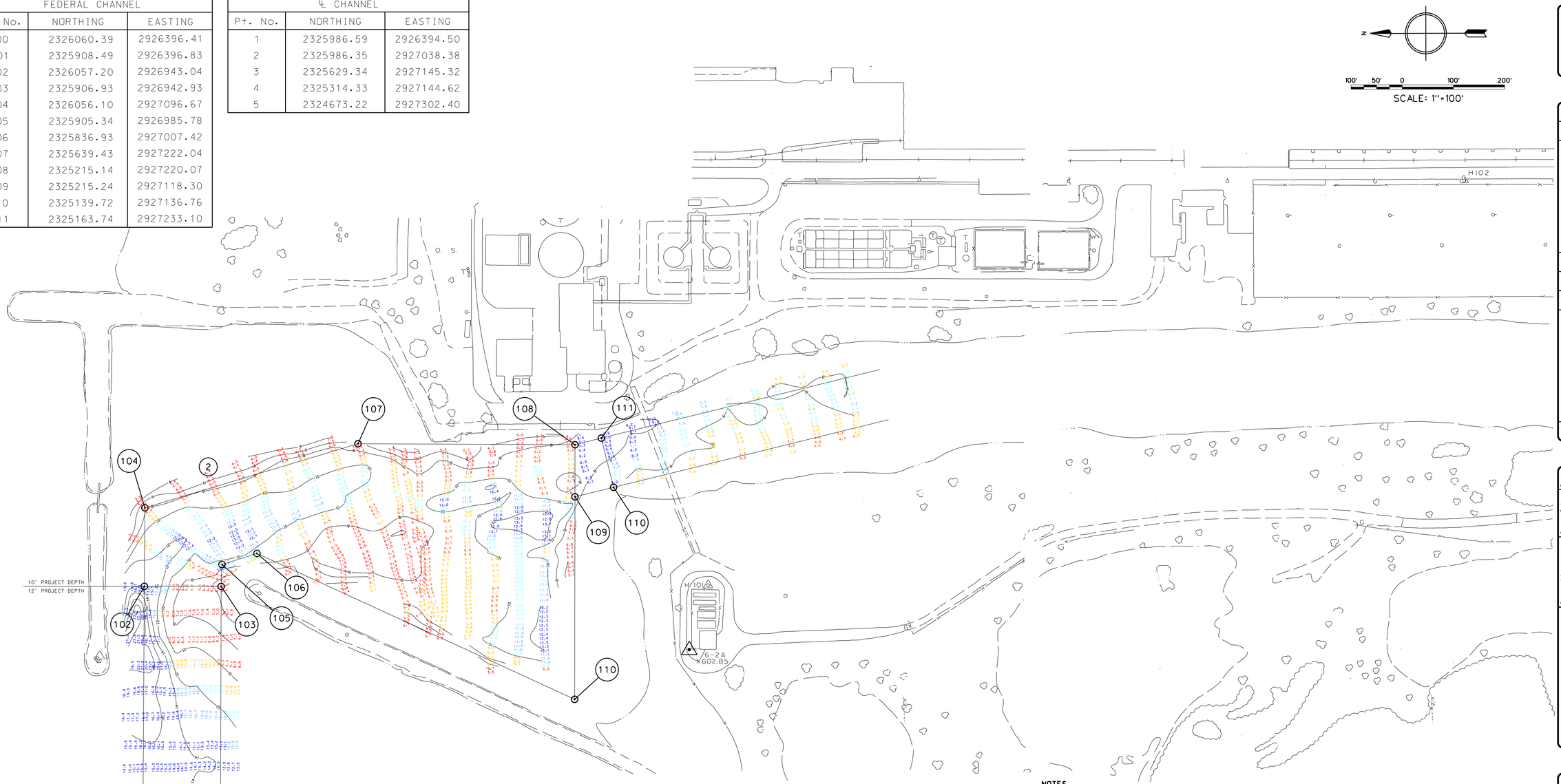
CONTROL POINTS FOR FEDERAL CHANNEL		
Pt. No.	NORTHING	EASTING
100	2326060.39	2926396.41
101	2325908.49	2926396.83
102	2326057.20	2926943.04
103	2325906.93	2926942.93
104	2326056.10	2927096.67
105	2325905.34	2926985.78
106	2325836.93	2927007.42
107	2325639.43	2927222.04
108	2325215.14	2927220.07
109	2325215.24	2927118.30
110	2325139.72	2927136.76
111	2325163.74	2927233.10

CONTROL POINTS FOR ℄ CHANNEL		
Pt. No.	NORTHING	EASTING
1	2325986.59	2926394.50
2	2325986.35	2927038.38
3	2325629.34	2927145.32
4	2325314.33	2927144.62
5	2324673.22	2927302.40



12' LEGEND	10' LEGEND	6' LEGEND
0.0'	0.0'	0.0'
12.0'	10.0'	6.0'
12.5'	10.5'	6.5'
13.0'	11.0'	7.0'
13.5'	11.5'	7.5'
14.0'	12.0'	8.0'
14.5'	12.5'	8.5'
15.0'	13.0'	9.0'
15.5'	13.5'	9.5'
50.0'	50.0'	50.0'

NOTES

1. THIS SURVEY INFORMATION IS ACCURATE AS OF THE DATE OF PUBLICATION. HYDROGRAPHIC SURVEY DATA IS SUBJECT TO CHANGE RAPIDLY DUE TO SEVERAL FACTORS INCLUDING, BUT NOT LIMITED TO, DREDGING ACTIVITY, NATURAL SHOALING, AND SCOURING PROCESSES. THE U.S. ARMY CORPS OF ENGINEERS ACCEPTS NO RESPONSIBILITY FOR CHANGES IN THE HYDROGRAPHICAL CONDITIONS WHICH DEVELOP AFTER THE DATE OF PUBLICATION.
2. THIS INFORMATION IS INTENDED FOR THE INTERNAL USE OF THE U.S. ARMY CORPS OF ENGINEERS AND IS BEING PROVIDED FOR EXTERNAL USE AS A PUBLIC SERVICE. THIS AGENCY ACCEPTS NO RESPONSIBILITY FOR ERRORS OR OMISSIONS CONTAINED IN THIS DATA. THE ACCURACY OF THIS DATA IS THEREFORE NOT GUARANTEED, AND PRUDENT MARINERS SHOULD NOT RELY SOLELY UPON IT.
3. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
4. GRID COORDINATES ARE BASED ON THE INDIANA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, INDIANA WEST (1302), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
5. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI, QUEBEC. WATER LEVEL READINGS ARE FROM A TIDE GAUGE BOARD LOCATED AT THE WEST END OF STEEL SHEET PILE WALL ON THE SOUTH SIDE OF THE CHANNEL. DEPTHS ARE MEASURED USING A INNERSPACE 448 SINGLEBEAM SONAR.
6. HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SPS351 12 CHANNEL DGPS RECEIVER.
7. UNLESS OTHERWISE NOTED PROJECT DEPTHS ARE 12', 10', AND 6' BELOW LOW WATER DATUM.

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

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

Surveyed by: ERIC SCHMIDT
Survey Date: 23 APR. 2013
Dwn by: E.O.S.
Chd by:
Design File name: BSBV01A091_2013.DGN
Drawing code:
Approval Recommended: Area Eng. Sup. Section
Reviewed by: Chief, Eng. Mgmt.
File name:
Plot code:
Approved by: Chief, Hydraulic Engineering
Submitted by: Chief, Sub. Section
Plot scale: 1" = 100'
Rev.

LAKE MICHIGAN AREA OFFICE
BURNS WATERWAY SMALL BOAT HARBOR

APRIL 2013
CONDITION SURVEY

Sheet reference number:
BSB-01
Sheet 1 of 1