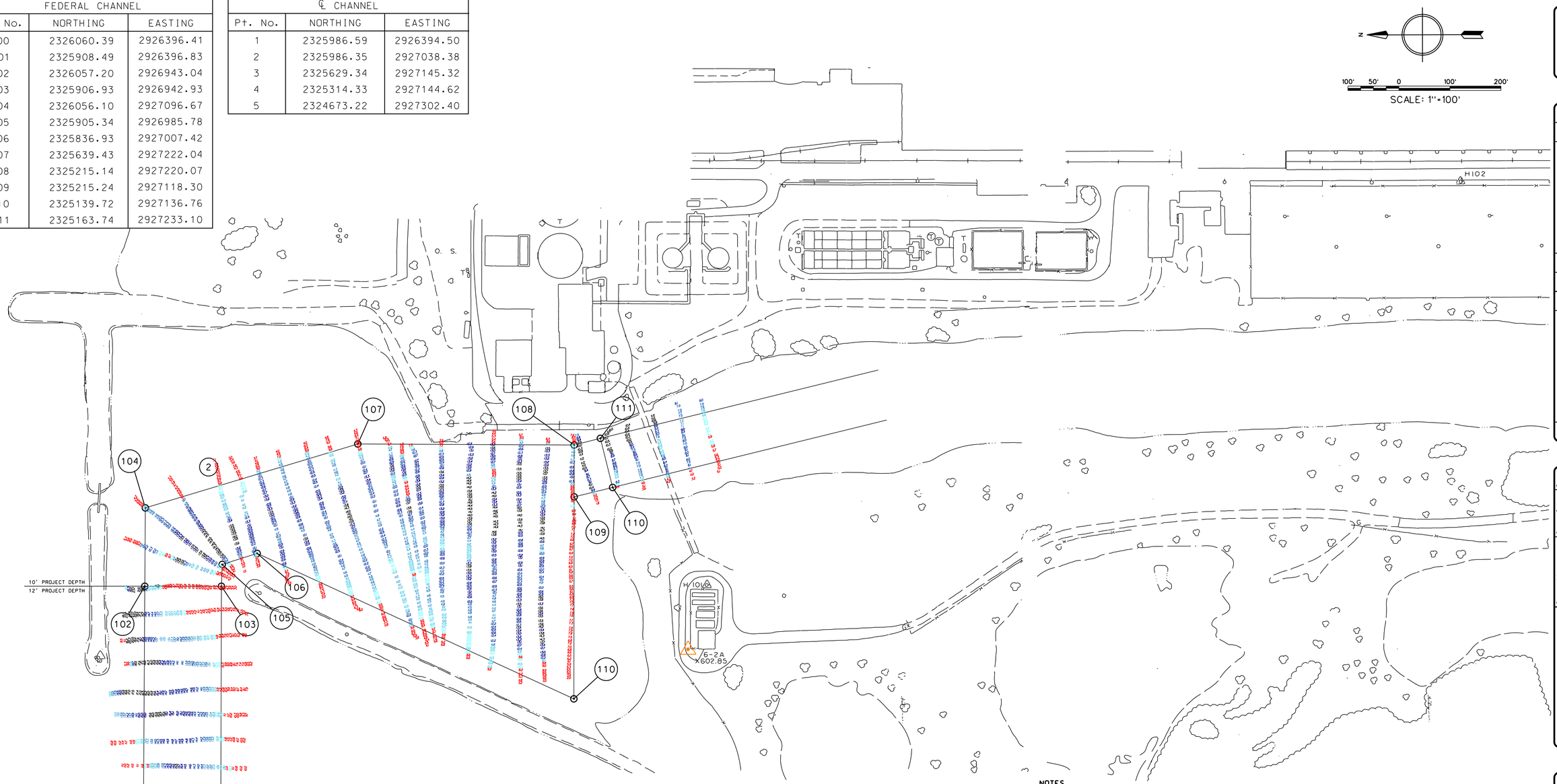
| CONTROL POINTS FOR FEDERAL CHANNEL | | |
|---|---|---|
| Pt. No. | NORTHING | EASTING |
| 100 | 2326060.39 | 2926396.41 |
| 101 | 2325908.49 | 2926396.83 |
| 102 | 2326057.20 | 2926943.04 |
| 103 | 2325906.93 | 2926942.93 |
| 104 | 2326056.10 | 2927096.67 |
| 105 | 2325905.34 | 2926985.78 |
| 106 | 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 |




US Army Corps of Engineers
Chicago District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: JIM MROZEK
Dwn by: M.R.S.
Ckd by: K.A.B.
Rev'ewed by:
Chief, Tec. Mgmt.
Submitted by:
Chief, SMP Section
Approval Recommended:
Area Eng., SOO Office
Approved by:
District Engineer

Survey Dates: 22 DEC. 2009
Rev.
Design File name: 09SOO0006
Drawing code:
File name:
Plot date:
Plot scale: 1" = 100'

SOO AREA OFFICE
BURNS WATERWAY SMALL BOAT HARBOR

DECEMBER 2009
AFTER DREDGE SURVEY

Sheet reference number:
BSB-01
Sheet 1 of 1

| 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.

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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 456XPE SINGLEBEAM SONAR.

6. HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SPS550 12 CHANNEL DGPS RECEIVER.

7. UNLESS OTHERWISE NOTED PROJECT DEPTHS ARE 12', 10', AND 6' BELOW LOW WATER DATUM.

7. SOUNDINGS/TOPO SHOWN AS -0.15 REFLECT ABOVE LOW WATER DATUM.