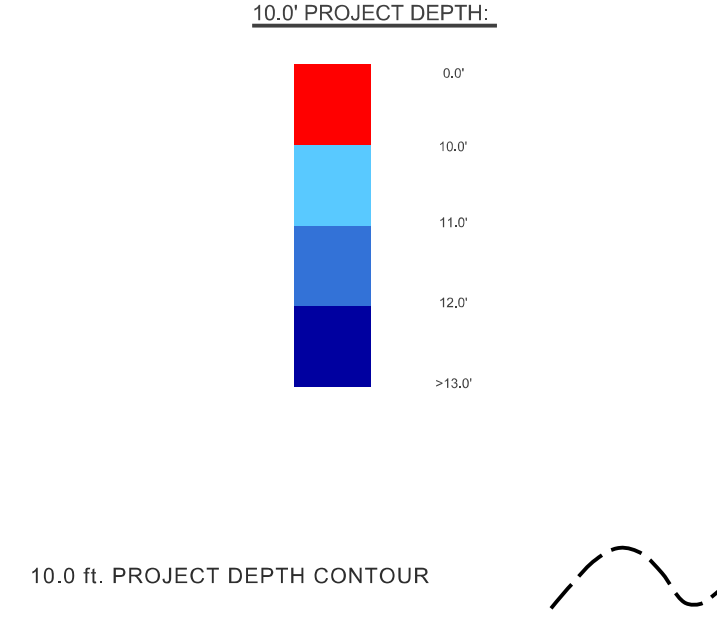


| CENTER LINE | | |
|----------------|-------------|---------------|
| STATION NUMBER | COORDINATES | |
| | NORTH | EAST |
| 0 | 921,449.83 | 13,304,265.94 |

| CHANNEL LINE | | |
|----------------|-------------|---------------|
| STATION NUMBER | COORDINATES | |
| | NORTH | EAST |
| 1 | 921,408.67 | 13,304,237.50 |
| 2 | 921,490.97 | 13,304,294.39 |

| HORIZONTAL GROUND CONTROL | | |
|---------------------------|-------------|---------------|
| STATION NUMBER | COORDINATES | |
| | NORTH | EAST |
| AUG-STATE | 920,895.68 | 13,305,838.29 |

- NOTES:
- THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.
 - THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:
 HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
 VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985, LWD+577.5
 - THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL BOULTON EMPLOYING THE FOLLOWING COMPONENTS:
 POSITIONING: APPLANIX POS-MV W/VRS-RTK
 MOTION COMPENSATION: POS-MV MRU
 SONAR: ODOM CV-300
 SOFTWARE: HYPACK 2017
 - TIDE CORRECTION VALUES REFERENCED FROM A PAINT MARK ON THE SEAWALL DESCRIBED AS "BM STEEL CORNER" LOCATED ON TOP OF A STEEL WALL AND AT THE DOWNSTREAM END OF SAID WALL (SHEET 3), IGLD 85 ELEVATION = 582.18'.



| NO. | DESCRIPTION | DATE | ISSUE | REVISION |
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| PROJECT NO. | |
| CONTRACT NO. | |
| DATE OF SURVEY | |
| FILE NUMBER | |
| DATE | |
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