

FORT MCHENRY

BREWERTON ANGLE

TIDAL BENCH MARK

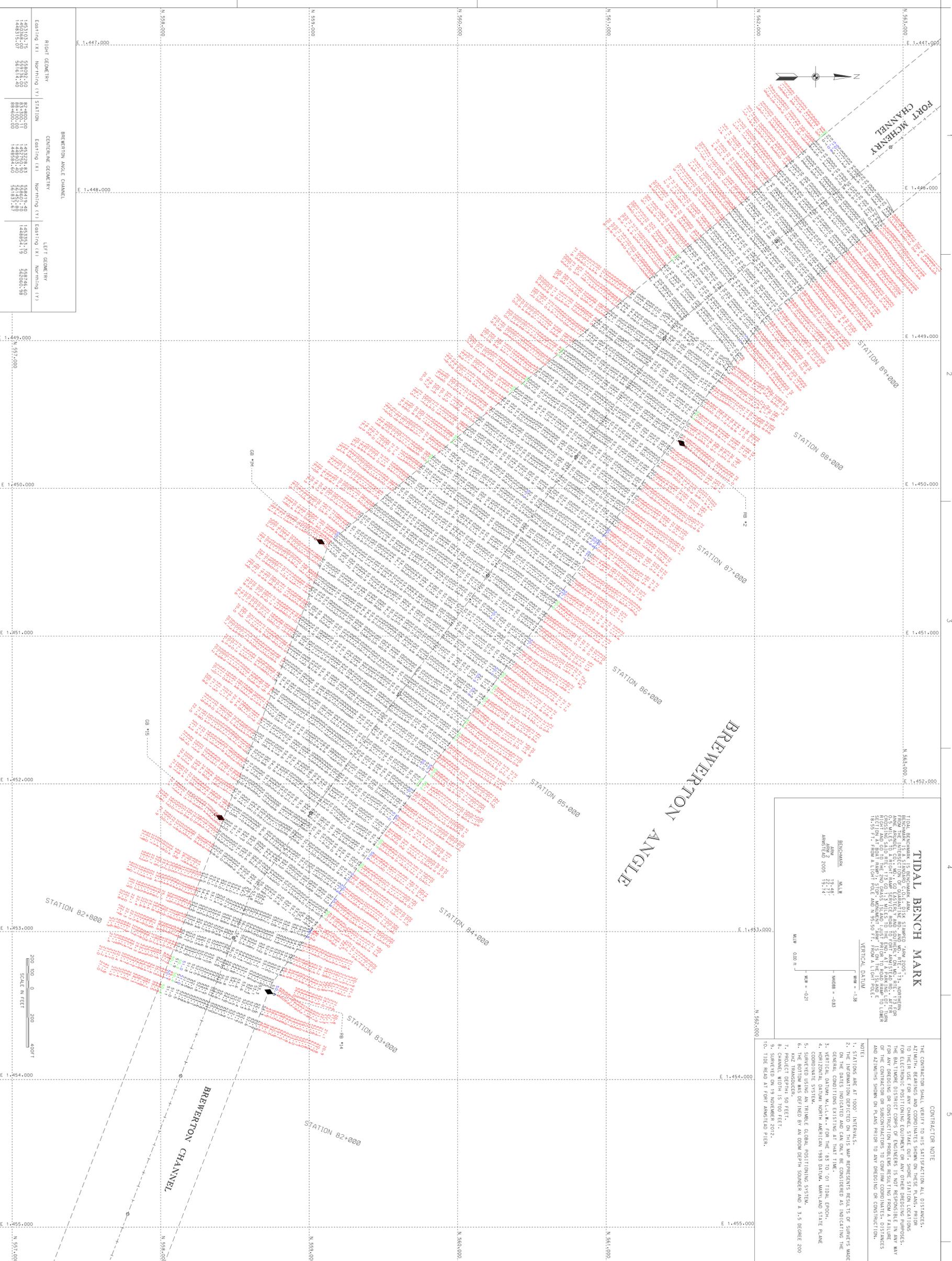
DESCRIPTION	MARK	HEIGHT
BENCHMARK	M.L.M.	HWMB = -0.83
MARK 2	12-75	HW = -0.21
MARK 2	13-74	HW = -0.21
MARK 2	13-74	HW = -0.21
MARK	0.00 H.	HW = -1.18

CONTRACTOR NOTE

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES, AZIMUTHS, BEARINGS AND COORDINATES SHOWN ON THESE PLANS, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DISTANCES, BEARINGS AND COORDINATES SHOWN ON THESE PLANS. THE BALTIMORE DISTRICT CORPS OF ENGINEERS IS NOT RESPONSIBLE IN ANY WAY FOR ANY ERRORS OR OMISSIONS IN THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DISTANCES, BEARINGS AND COORDINATES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DISTANCES, BEARINGS AND COORDINATES SHOWN ON THESE PLANS.

NOTE:

1. STATIONS ARE AT 100' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE UNDER THE FOLLOWING CONDITIONS:
3. HORIZONTAL DATUM: M.L.L.M. FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEY USING AN TRIANGLE GLOBAL POSITIONING SYSTEM.
6. WIZ TRANSDUCER.
7. PROJECT DEPTH: 50 FEET.
8. CHANNEL WIDTH: 15 TO 20 FEET.
9. SURVEYED ON 19 NOVEMBER 2012.
10. TIDE READ AT FORT AMBLETT PIER.



RIGHT GEOMETRY		CENTERLINE GEOMETRY		LEFT GEOMETRY	
STATION	Easting (X)	Station	Easting (X)	Station	Easting (X)
82+800.00	145228.83	82+800.00	145228.83	82+800.00	145228.83
83+100.00	145153.40	83+100.00	145153.40	83+100.00	145153.40
83+400.00	144884.19	83+400.00	144884.19	83+400.00	144884.19
83+700.00	144596.58	83+700.00	144596.58	83+700.00	144596.58
84+000.00	144282.00	84+000.00	144282.00	84+000.00	144282.00
84+300.00	143949.75	84+300.00	143949.75	84+300.00	143949.75
84+600.00	143592.50	84+600.00	143592.50	84+600.00	143592.50
84+900.00	143213.20	84+900.00	143213.20	84+900.00	143213.20
85+200.00	142812.90	85+200.00	142812.90	85+200.00	142812.90
85+500.00	142392.60	85+500.00	142392.60	85+500.00	142392.60
85+800.00	141952.30	85+800.00	141952.30	85+800.00	141952.30
86+100.00	141492.00	86+100.00	141492.00	86+100.00	141492.00
86+400.00	141011.70	86+400.00	141011.70	86+400.00	141011.70
86+700.00	140511.40	86+700.00	140511.40	86+700.00	140511.40
87+000.00	140001.10	87+000.00	140001.10	87+000.00	140001.10
87+300.00	139480.80	87+300.00	139480.80	87+300.00	139480.80
87+600.00	138950.50	87+600.00	138950.50	87+600.00	138950.50
87+900.00	138410.20	87+900.00	138410.20	87+900.00	138410.20
88+200.00	137860.00	88+200.00	137860.00	88+200.00	137860.00
88+500.00	137300.00	88+500.00	137300.00	88+500.00	137300.00

BALTIMORE HARBOR MARYLAND CONDITION SURVEY BREWERTON ANGLE STATION 82+700 TO 88+500	U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT	Designed by: JAH Checked by: SMG Reviewed by: SMG Submitted by: Chief, Nav. Branch	Date: JAN 13 Design file no.: FILE: 17 MAP: 13-042 Drawing code: File name: G:\PC\BMM\2012 Plot date: Plot size:	5/17/08 SMG																		
		Sheet reference numbers: 1-17 Sheet 17 of 59	<table border="1"> <thead> <tr> <th>Date</th> <th>Appr.</th> <th>Mark</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Date	Appr.	Mark	Description															
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