

**BREWERTON CHANNEL COORDINATES (NORTH AMERICAN 1983 DATUM)**

STATION	BEARING	AZIMUTH	RIGHT SIDE	CENTERLINE	LEFT SIDE
58-623,30					
58-359,14 N 49° 58' 58.5 W	310 1 1.5		1474540.66 548722.31	1474240.16 548542.86	
52-008,32					
54-661,52 N 49° 58' 58.5 W	290 52 44.3		1473028.47 551237.78	1473200.39 552281.96	
55-034,37					
52-803,33					
83-311,56 N 49° 58' 58.5 W	305 32 23.2		1453353.26 558746.55	1452750.86 558601.73	1452628.12 558274.72

**CONTRACTOR NOTE**

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES, AZIMUTH, BEARINGS AND COORDINATES SHOWN ON THESE PLANS, PRIOR TO THEIR USE FOR ANY CHANNEL STAKE OUT, SHORE STATION LOCATIONS FOR ELECTRONIC POSITIONING EQUIPMENT OR ANY OTHER DREDGING PURPOSES. THE BALTIMORE DISTRICT CORPS OF ENGINEERS IS NOT RESPONSIBLE IN ANY WAY FOR ANY DREDGING OR CONSTRUCTION PROBLEMS RESULTING FROM A FAILURE OF THE CONTRACTOR OR SUBCONTRACTORS TO CONFIRM COORDINATES, DISTANCES AND AZIMUTHS SHOWN ON PLANS PRIOR TO ANY DREDGING OR CONSTRUCTION.

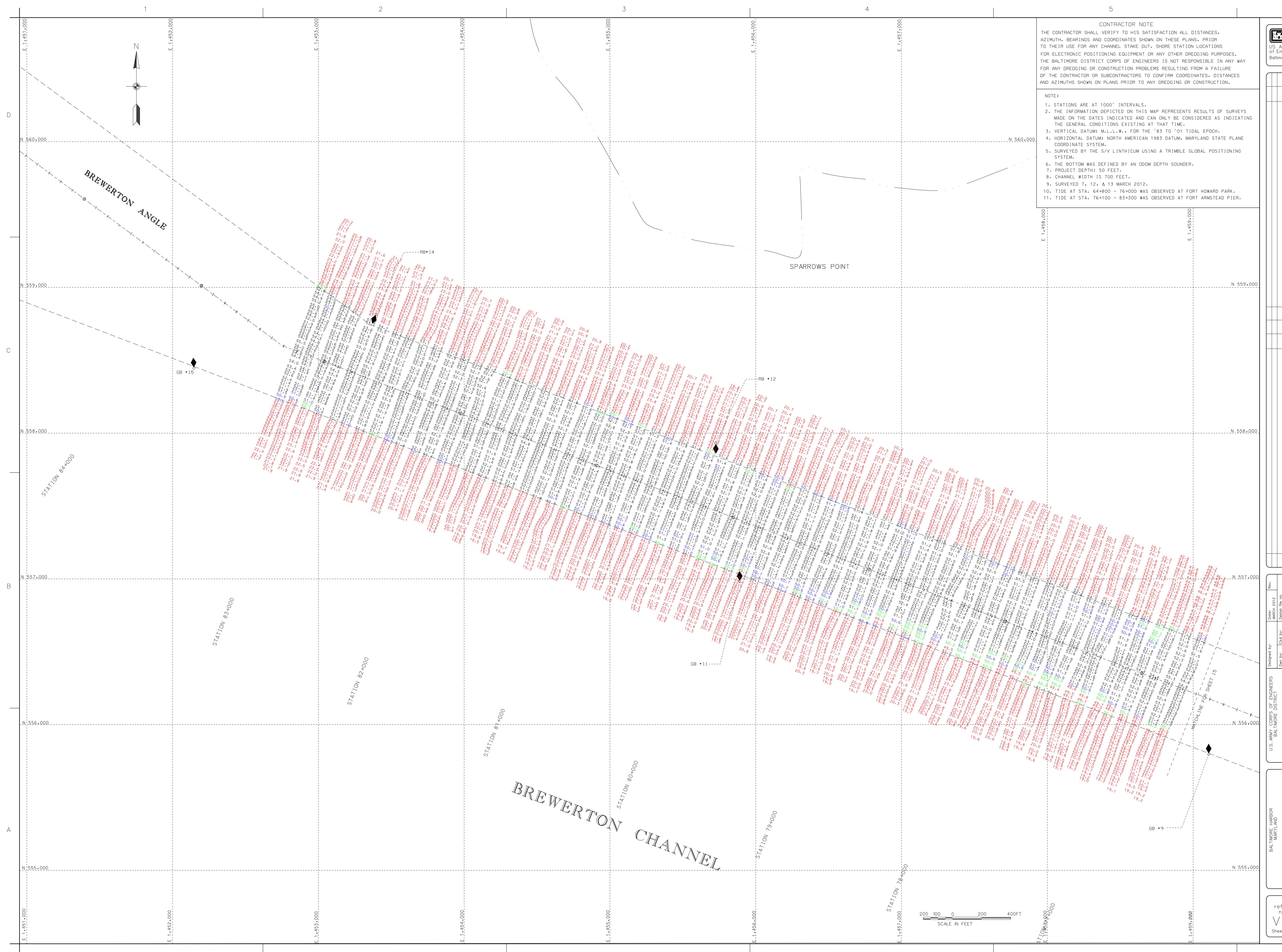
**NOTE:**

1. STATIONS ARE AT 1000' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M-L-L-W., FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE S/V LINTHICUM USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM DEPTH SOUNDER.
7. PROJECT DEPTH: 50 FEET.
8. CHANNEL WIDTH IS 100 FEET.
9. SURVEYED 7, 12, & 13 MARCH 2012.
10. TIDE AT STA. 64+000 - 76+000 WAS OBSERVED AT FORT HOWARD PARK.
11. TIDE AT STA. 76+100 - 83+500 WAS OBSERVED AT FORT ARMSTEAD PIER.

**U.S. ARMY CORPS OF ENGINEERS**  
BALTIMORE DISTRICT  
MD

**CONDITION SURVEY**  
DEFINITION CHANNEL  
STATION 71+000 TO 76+500

**Sheet reference number:** V-115  
**Sheet 15 of 59**



## CONTRACTOR NOTE

CONTRACTOR NOTE  
THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES,  
AZIMUTHS, BEARINGS AND COORDINATES SHOWN ON THESE PLANS, PRIOR  
TO THEIR USE FOR ANY CHANNEL STAKE OUT, SHORE STATION LOCATIONS  
OR ELECTRONIC POSITIONING EQUIPMENT OR ANY OTHER DREDGING PURPOSES.  
THE BALTIMORE DISTRICT CORPS OF ENGINEERS IS NOT RESPONSIBLE IN ANY WAY  
FOR ANY DREDGING OR CONSTRUCTION PROBLEMS RESULTING FROM A FAILURE  
OF THE CONTRACTOR OR SUBCONTRACTORS TO CONFIRM COORDINATES, DISTANCES  
AND AZIMUTHS SHOWN ON PLANS PRIOR TO ANY DREDGING OR CONSTRUCTION.

- NOTE:

  1. STATIONS ARE AT 1000' INTERVALS.
  2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
  3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
  4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
  5. SURVEYED BY THE S/V LINTHICUM USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
  6. THE BOTTOM WAS DEFINED BY AN ODOM DEPTH SOUNDER.
  7. PROJECT DEPTH: 50 FEET.
  8. CHANNEL WIDTH IS 700 FEET.
  9. SURVEYED 7, 12, & 13 MARCH 2012.
  10. TIDE AT STA. 64+800 - 76+000 WAS OBSERVED AT FORT HOWARD PARK.
  11. TIDE AT STA. 76+100 - 83+300 WAS OBSERVED AT FORT ARMSTEAD PIER.

U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT	Designed by:  Dwn by: MAD	Date: MARCH 2012	Rev.
	Ckd by: SMG	Design file no. FILE: 17 MAP: 12-123	
	Reviewed by: SMG	Drawing code:	
	Submitted by:	File name:St14_16C15MAR2012	Plot date: Printed:

BALTIMORE HARBOR  
MARYLAND

CONDITION SURVEY  
BREWERTON CHANNEL  
STATION 76+600 TO 83+300

Sheet reference number:  
**V - 116**

Sheet 16 of 59