NEALE SOUND CHANNEL COORDINATES

LEFT SIDE		CENTERLINE			RIGHT SIDE	
Easting (X)	Northing (Y)	Station	Easting (X)	Northing (Y)	Easting (X)	Northing (Y)
1350341.60	218680.10	0+000.00	1350377.20	218662.00	1350412.90	218644.00
1350978.80	219938.80	1+401.76	1351010.40	219912.60	1351041.90	219886.40
1351204.20	220104.50	1+651.76	1351208.80	220064.70	1351213.40	220025.00
1351420.50	220129.70	1+876.78	1351432.30	220090.80	1351444.10	220051.90
1355163.90	218336.70	6+000.00	1355151.00	218309.70	1355138.00	218282.60

TIDAL BENCHMARK

TIDAL BENCHMARK IS BENCHMARK 109-03.
BENCHMARK IS A STANDARD COE DISK STAMPED "109-03".
TO GET TO THE BENCHMARK FROM BALTIMORE TAKE I-97 SOUTH TO ROUTE 3, CONTINUE ON ROUTE 3 UNTIL IT TURNS INTO ROUTE 301, CONTINUE ON ROUTE 301 SOUTH AND 1 MILE PRIOR TO ROUTE 301 BRIDGE, MAKE A LEFT AT ROUTE 257, CONTINUE ON ROUTE 257 FOR ABOUT 11 MILES AND BEAR TO THE RIGHT AT ROUTE 254, CONTINUE ON ROUTE 254 AND IMMEDIATELY PRIOR TO THE COBB ISLAND BRIDGE MAKE A HARD LEFT INTO SHYMANSKIS RESTAURANT AND AN IMMEDIATE RIGHT TOWARDS THE BOAT RAMPS UPON MAKING THE RIGHT THE POINT IS SITUATED ALMOST IN THE CORNER BY THE GUARDRAIL OF THE BRIDGE. IT IS UP AND TOWARDS THE SECOND SUPPORT BEAM. IT IS ABOUT 2 INCHES BELOW THE GROUND.

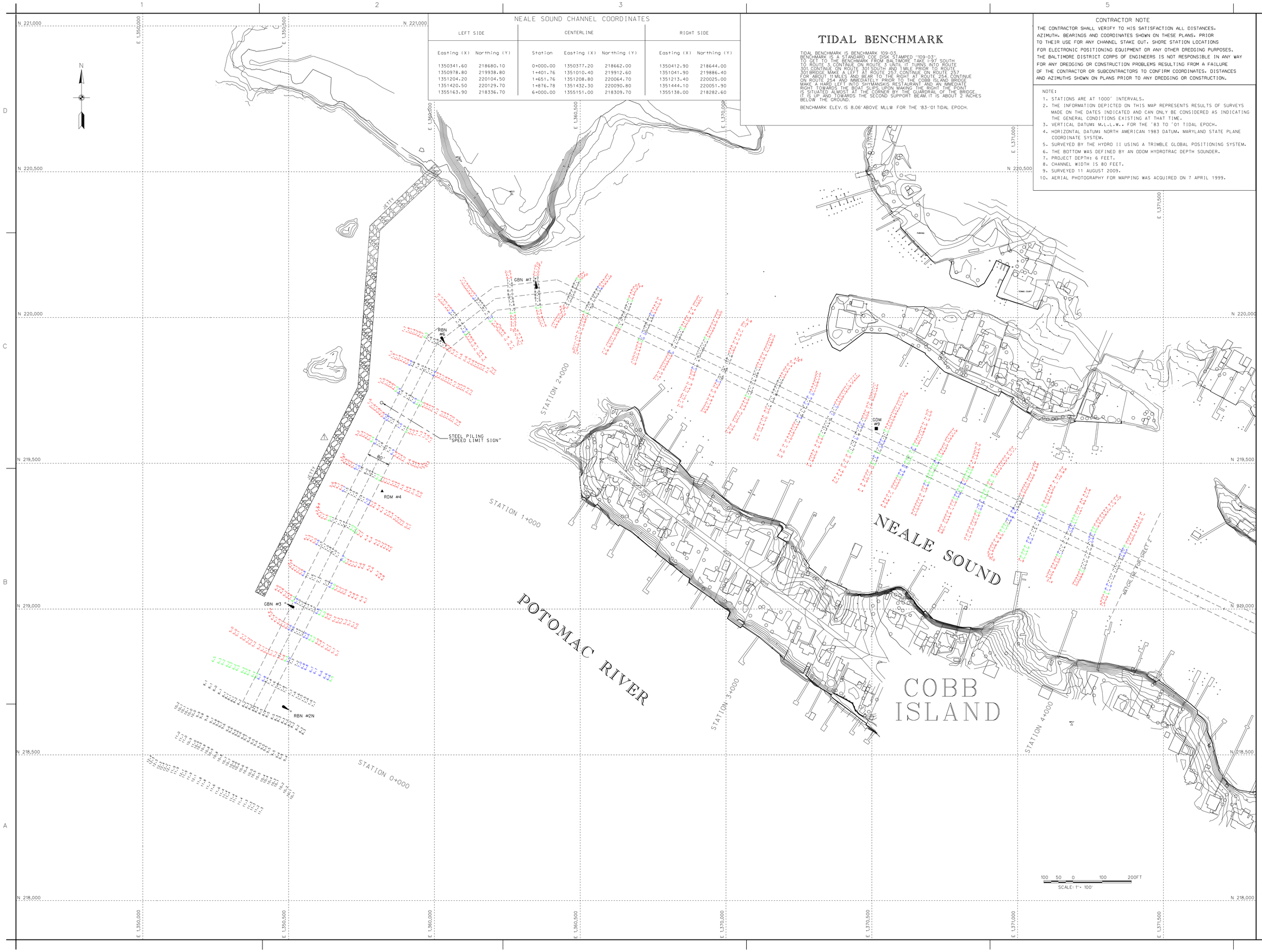
BENCHMARK ELEV. IS 8.06' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH.

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 HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM HYDROTRAC DEPTH SOUNDER.
7. PROJECT DEPTH: 6 FEET.
8. CHANNEL WIDTH IS 80 FEET.
9. SURVEYED 11 AUGUST 2009.
10. AERIAL PHOTOGRAPHY FOR MAPPING WAS ACQUIRED ON 7 APRIL 1999.



US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.
1	ADDED JETTY	8 DEC 2010	

Rev.

Date: AUGUST 09

Designed by: | Dwn by: JAH | Ckd by: SMG | Reviewed by: SMG | Approved by:

File name: PTL638-420 MAP19-001

Drawing code:

Plot date:

Plot scale:

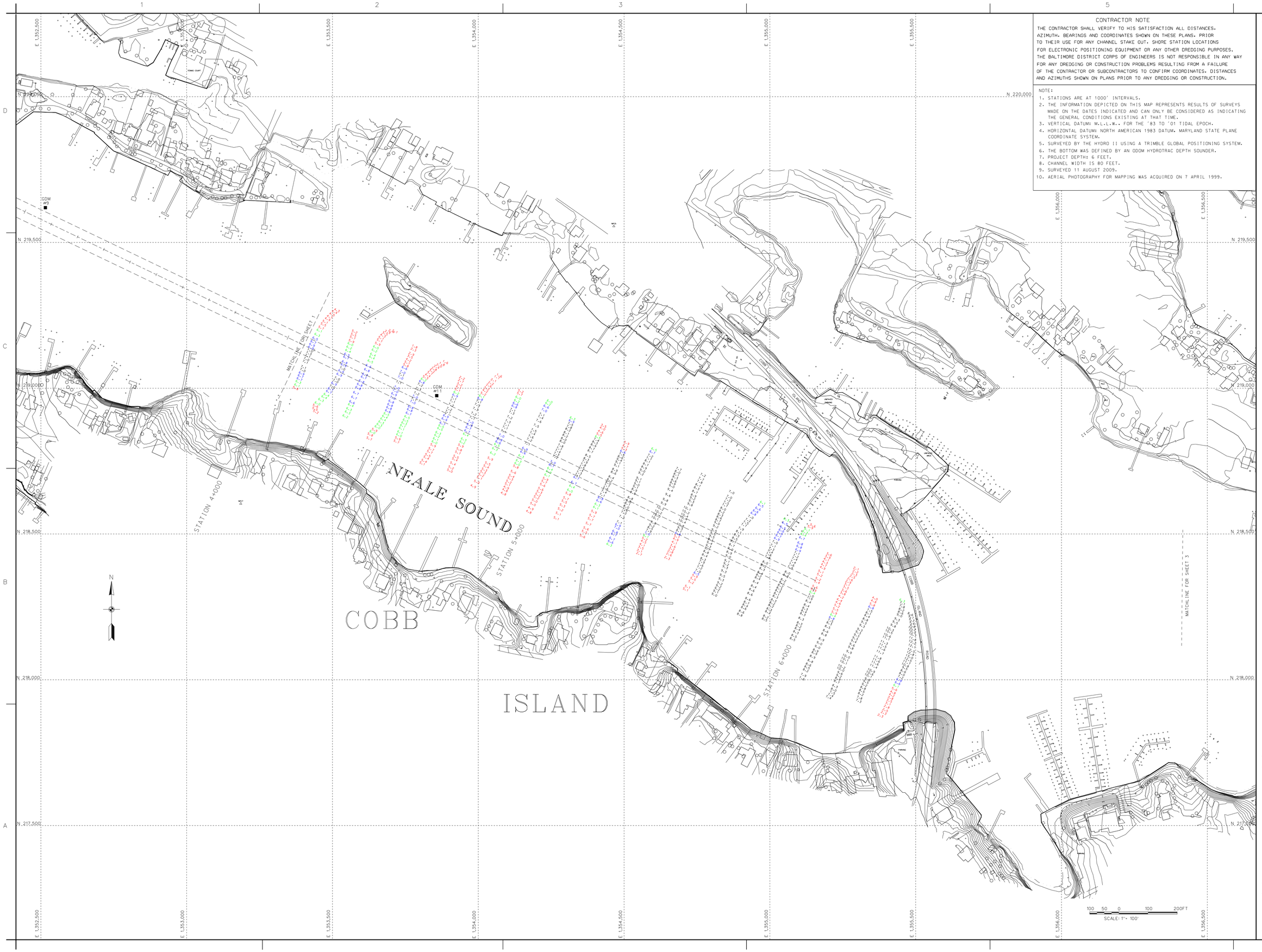
Color Mon. (Brown)

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

CHARLES COUNTY
MARYLAND

CONDITION SURVEY
NEALE SOUND
STATION 0+000 TO 4+000

Sheet reference number:
V 101
Sheet 1 of 3



CONTRACTOR NOTE

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NOTE:

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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.
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4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM. MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM HYDROTRAC DEPTH SOUNDER.
7. PROJECT DEPTH: 6 FEET.
8. CHANNEL WIDTH IS 80 FEET.
9. SURVEYED 11 AUGUST 2009.
10. AERIAL PHOTOGRAPHY FOR MAPPING WAS ACQUIRED ON 7 APRIL 1999.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

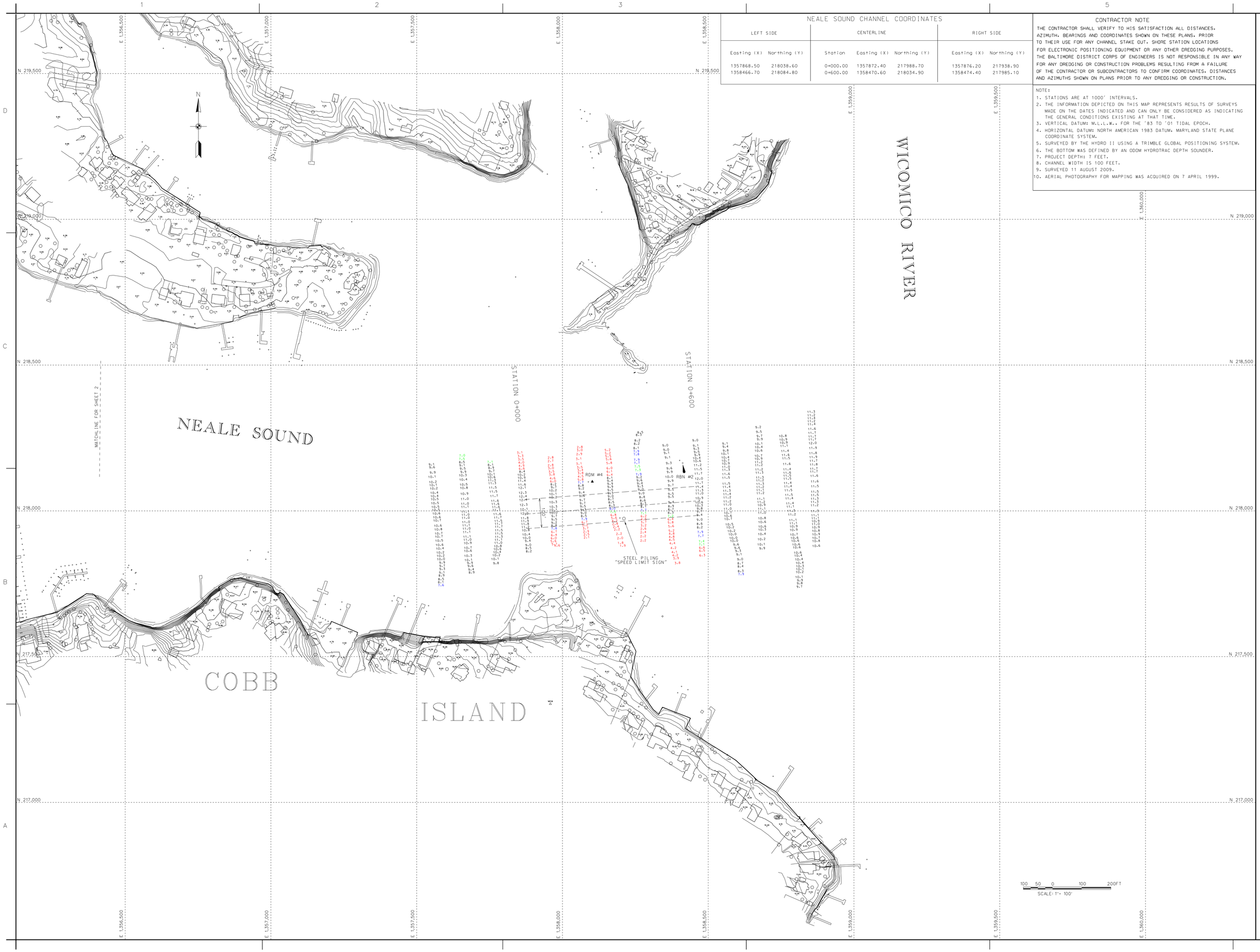
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Drawn by: JJH
Reviewed by: SJG
Submitted by:
Chief, Nav. Branch:
Date: AUGUST - 09
Scale: 1" = 100'
Drawing code: FILE:18-430 MAP-3-002
File name/PLOT_CODE/DRAWING
Plot date:
Plot scale:
Rev.:

CHARLES COUNTY
MARYLAND

CONDITION SURVEY
NEALE SOUND
STATION 4+100 TO 6+000

Sheet reference number:
V 102
Sheet 2 of 3



NEALE SOUND CHANNEL COORDINATES

LEFT SIDE		CENTERLINE			RIGHT SIDE	
Easting (X)	Northing (Y)	Station	Easting (X)	Northing (Y)	Easting (X)	Northing (Y)
1357868.50	218038.60	0+000.00	1357872.40	217988.70	1357876.20	217938.90
1358466.70	218084.80	0+600.00	1358470.60	218034.90	1358474.40	217985.10

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:

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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 HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM HYDROTRAC DEPTH SOUNDER.
7. PROJECT DEPTH: 7 FEET.
8. CHANNEL WIDTH IS 100 FEET.
9. SURVEYED 11 AUGUST 2009.
10. AERIAL PHOTOGRAPHY FOR MAPPING WAS ACQUIRED ON 7 APRIL 1999.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: JAH
Date: AUGUST 2009
Drawn by: JAH
Checked by: SMC
Reviewed by: SMC
Approved by:
Scale: 1"=100'
Drawing code: FT1C1B-435
File name: P450_CBCONSURVEY03
Plot date:
Plot scale:
Chief, Nav. Branch

CHARLES COUNTY
MARYLAND

CONDITION SURVEY
NEALE SOUND (LOWER)
STATION 0+000 TO 0+600

Sheet reference number:
V 103
Sheet 3 of 3