Coan River Channel Geometry

Station	Easting	Northing
Centerline Geometry		
0+00.00	12069139.3	6683775.44
8+74.98	12068803.14	6684583.24
Left Geometry		
0+00.00	12069111.68	6683763.91
8+74.98	12068775.44	6684571.71
Right Geometry		
0+00.00	12068830.84	6684594.77
8+74.98	12069167.07	6683786.97

TIDAL BENCH MARK

TIDAL BENCH MARK IS R462. BENCHMAKR IS A STANDARD DISK STAMPED R 462 1971. AT LEWISETTA. 176.0 FEET SOUTHEAST OF THE EAST CORNER OF THE J.W. TRIGG STORE AND POST OFFICE BUILDING. 85.0 FEET SOUTHWEST OF THE WEST CORNER OF A CONCRETE BLOCK HOUSE. 124 FEET SOUTH OF THE CENTER LINE OF A GRAVELED ROAD. 18 FEET NORTHWEST OF THE HIGH WATER LINE OF THE COAN RIVER. 8 1/2 FEET WEST-NORTHWEST OF A 16-INCH COTTONWOOD TREE WHICH IS THE MOST SOUTHWESTERLY OF 5 COTTONWOOD TREES. 225.0 FEET SOUTH OF BENCH MARK Q 462. 0.7 FOOT SOUTHEAST OF A METAL WITNESS POST. AND ON THE TOP OF A 4-FOOT SECTION OF COPPER COATED ROD THAT IS ATTACHED TO A METAL BASE PLATE. THE DISK IS 2 INCHES BELOW THE SURFACE OF THE GROUND AND IS PROTECTED BY A 4-INCH ORANGEBURG PIPE WHICH IS LEVEL WITH THE GROUND.

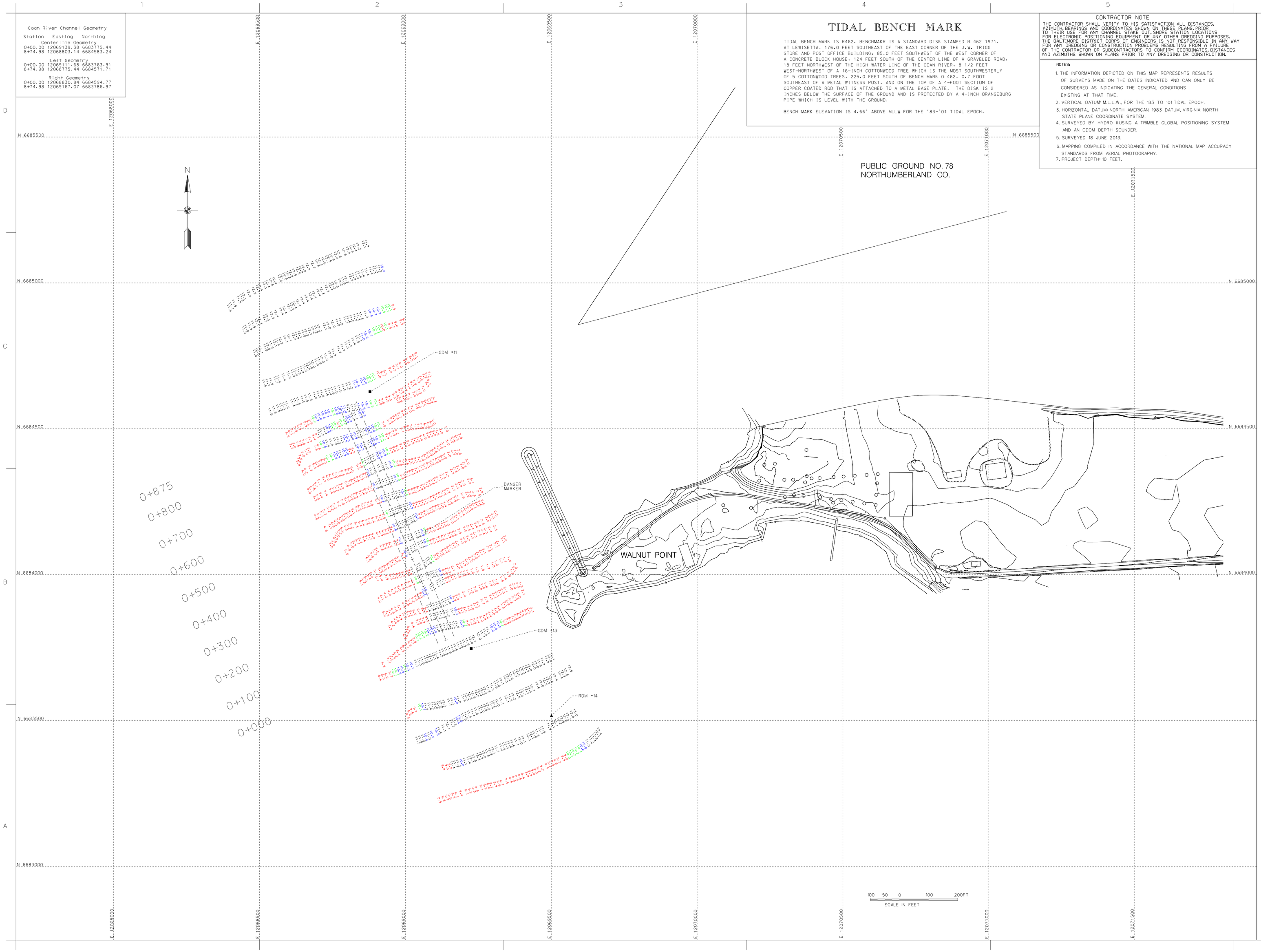
BENCH MARK ELEVATION IS 4.66' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH.

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.

NOTES:

1. 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.
2. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
3. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, VIRGINIA NORTH STATE PLANE COORDINATE SYSTEM.
4. SURVEYED BY HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM AND AN ODOM DEPTH SOUNDER.
5. SURVEYED 18 JUNE 2013.
6. MAPPING COMPILED IN ACCORDANCE WITH THE NATIONAL MAP ACCURACY STANDARDS FROM AERIAL PHOTOGRAPHY.
7. PROJECT DEPTH: 10 FEET.



US Army Corps of Engineers
District or Division

Mark	Description	Date	Appr.

Designed by:	Date:
Dwn by: JLB	Cad by: SMG
Reviewed by: SMG	Submitted by: Chief, Nav. Branch
Date: 2013	Rev.
Design file no: CoanRiver-13-001	
Drawing C-001	
File name: project1model203	
Plot date:	
Plot scale:	

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

NORTHUMBERLAND COUNTY
VIRGINIA

COAN RIVER CHANNEL
CONTINUING DETAIL
STATION 0+000 TO 0+875

Sheet reference number:
V-101
Sheet 1 of 1