LEFT		
STATION	EASTING	NORTHING
0+000.00	1687234.80	328015.30
0+201.54	1687352.50	328178.90
3+001.62	1689256.40	330232.10
3+594.62	1689716.50	330606.20

HAWKS NEST SHOALS NANTICOKE RIVER		
CENTERLINE		
STATION	EASTING	NORTHING
0+000.00	1687179.80	328066.30
3+000.05	1689219.70	330266.10
3+600.03	1689684.90	330645.00

RIGHT		
STATION	EASTING	NORTHING
0+000.00	1687124.80	328117.30
0+201.58	1687279.20	328246.90
3+001.67	1689183.10	330300.10
3+608.63	1689653.40	330683.80

TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK "0378-1". BENCH MARK IS A STANDARD C.O.E. DISK MARKED "037-B1" TO ARRIVE AT BENCHMARK: TAKE ROUTE 50 EAST AND CROSS OVER THE CHESAPEAKE BAY BRIDGE.FOLLOW ROAD TO RIGHT AT THE ROUTE 301/ROUTE 50 SPLIT. GO APPROX.65.2 MILES AND EXIT ONTO US-13 BUS NORTH.KEEP RIGHT AT THE FORK AND FOLLOW AND FOLLOW SIGNS FOR US-13 NORTH AND MERGE ONTO US-13 BUS.NORTH.CONTINUE ON US 13 NORTH FOR APPROX.6.9 MILES AND TURN LEFT ONTO DE-24 WEST (EAST MARKET STREET).FOLLOW FOR APPROX.0.7 MILES AND TAKE A SLIGHT RIGHT ONTO EAST MARKET STREET. AFTER 0.5 MILES TURN RIGHT ONTO RD 492 (WEST SIXTH STREET).FOLLOW ROAD FOR APPROX.3.3 MILES AND TURN LEFT ONTO RD 493 (SHELL BRIDGE ROAD). AFTER APPROX.0.1 MILES TAKE A SLIGHT RIGHT ONTO RD 496 (PHILLIPS LANDING ROAD). WHEN YOU ENTER CHERRY WALK PARK CONTINUE AROUND THE LAST BOAT RAMP. THE SURVEY POINT IS BETWEEN THE EDGE OF THE BOAT RAMP AND THE SHRUB LINE. THE SURVEY POINT IS ABOUT 20 FEET SOUTHEAST OF THE BOAT RAMP DUE TO HEAVY VEGETATION COVERING THE BULKHEAD. THE SURVEY POINT IS ABOUT ONE INCH BELOW THE GROUND.

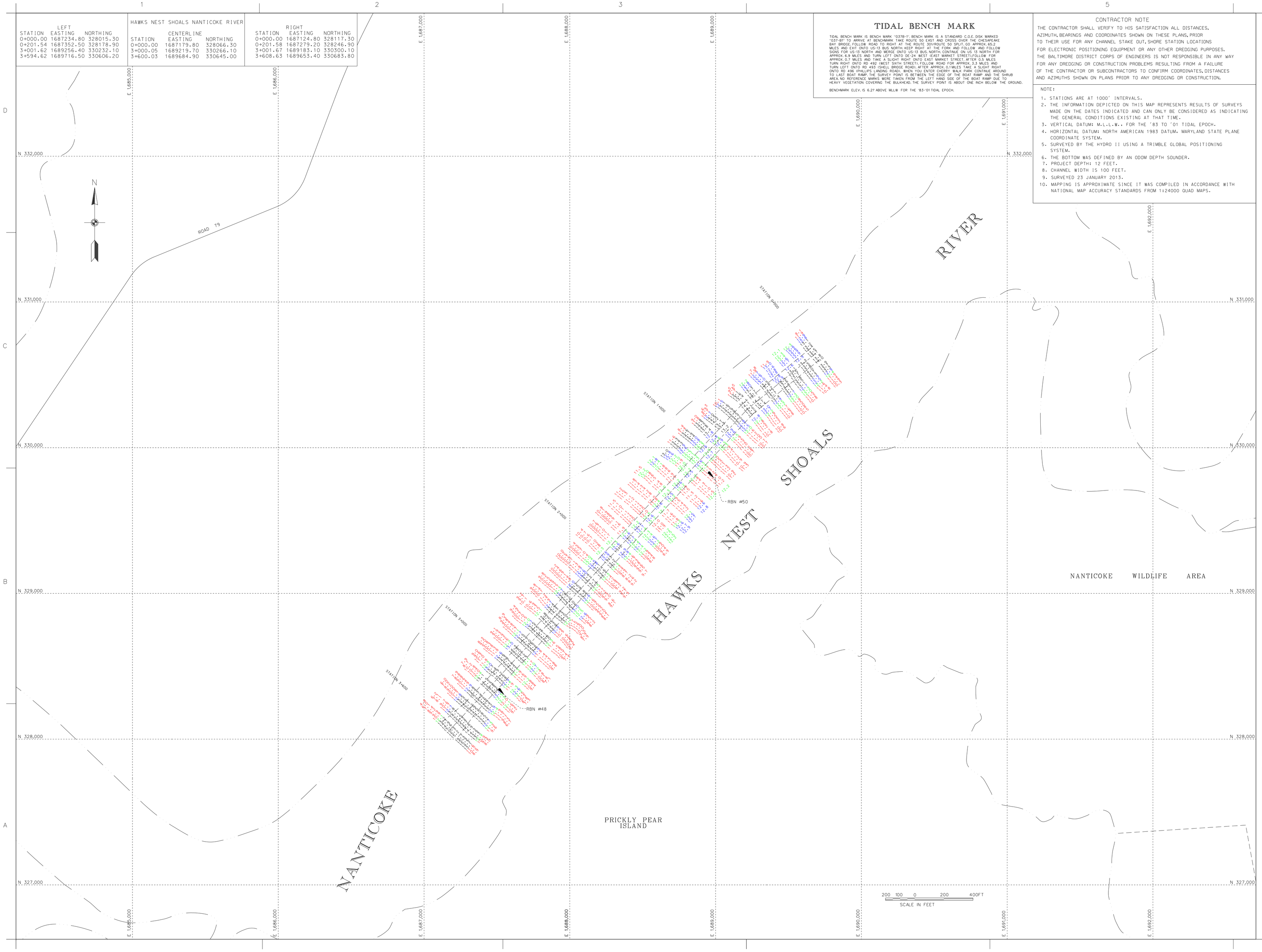
BENCHMARK ELEV.IS 6.27 ABOVE MLLW FOR THE '83-01 TIDAL EPOCH.

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 DEPTH SOUNDER.
7. PROJECT DEPTH: 12 FEET.
8. CHANNEL WIDTH IS 100 FEET.
9. SURVEYED 23 JANUARY 2013.
10. MAPPING IS APPROXIMATE SINCE IT WAS COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM 1:24000 QUAD MAPS.



US Army Corps of Engineers
Baltimore District

Mark	Appr.	Date	Description

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date: FEB. '13
Rev.
Drawn by: Jul-Aug-13-S-041
Checked by: SMG
Supervised by:
Date: Nov. Branch
Dwg. file no.
Drawing name:
File name:P:\CO\SJ\Hydro\
Plot date:
Plot scale:

SUSSEX COUNTY, DELAWARE
DORCHESTER AND WICOMICO COUNTIES
MARYLAND

CONDITION SURVEY
NANTICOKE RIVER
AT HAWKS NEST SHOALS
STATION 0+000 TO 3+600

Sheet reference number:
V-101
Sheet 1 of 1