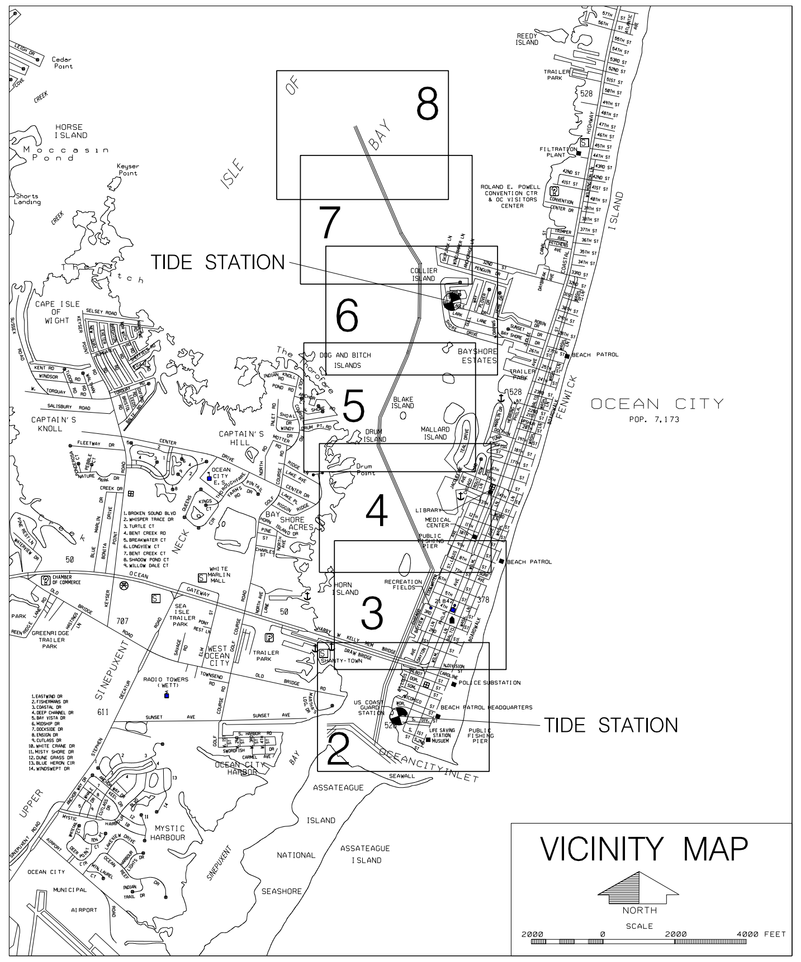
CONDITION SURVEY
ISLE OF WIGHT BAY
WORCESTER COUNTY, MD.



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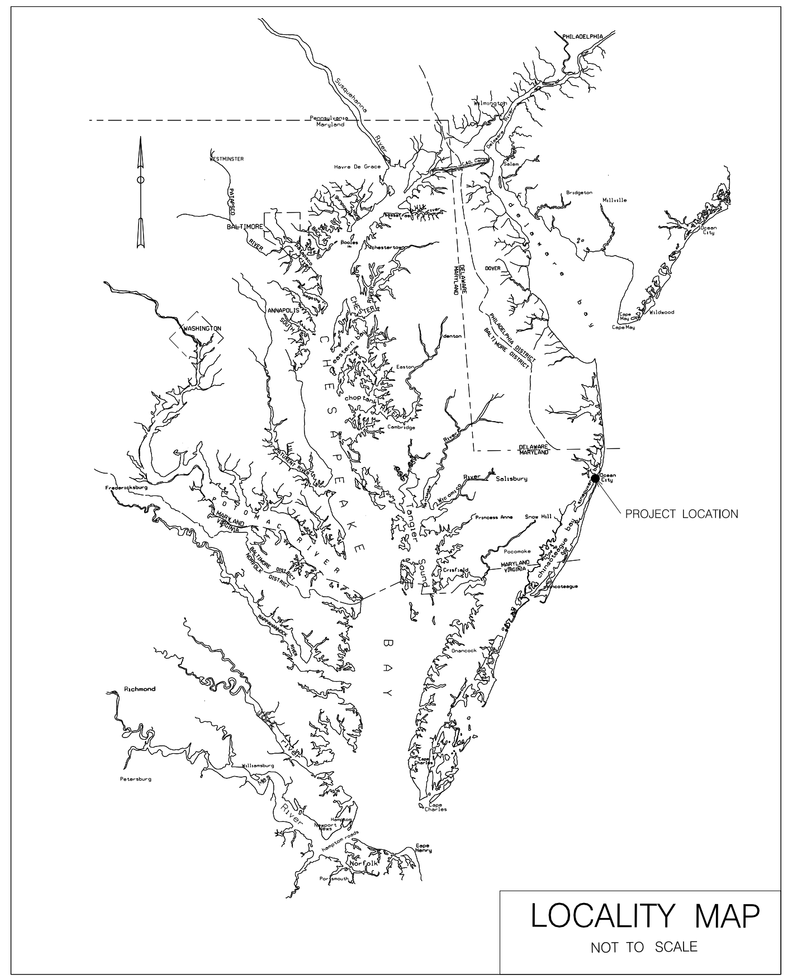

US Army Corps of Engineers Baltimore District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: DRS
Ckd by: GBC
Reviewed by: SMC
Submitted by:
Chief, Nav. Branch
Date: 2005/05/15
Rev.
Design file no.: 53-15-039
Drawing code:
File name: 0505CONDSURVWOO
Plot date:
Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
COVER SHEET

Sheet reference number:
V-101
Sheet 1 of 8

ISLE OF WIGHT CHANNEL REALIGNMENT COORDINATES

RIGHT SIDE EASTING	RIGHT SIDE NORTHING	STATION	CENTERLINE EASTING	CENTERLINE NORTHING	LEFT SIDE EASTING	LEFT SIDE NORTHING
1859515.90	245735.40	0+000.00	1859454.45	245746.88	1859393.02	145758.36
1859826.17	247395.93	1+695.46	1859765.86	247413.50	1859705.56	247431.05
1861128.70	250633.26	5+200.02	1861074.00	250664.76	1861019.31	250696.27
1859535.88	254276.79	9+134.66	1859487.85	254269.84	1859460.02	254263.09
1859570.79	254917.02	9+734.56	1859523.05	254934.88	1859496.64	254954.74
1860345.20	256676.31	11+719.50	1860310.02	256682.97	1860274.97	256702.92
1860748.08	257939.47	13+036.87	1860710.06	257946.54	1860673.23	257951.61
1860764.65	259214.65	14+295.60	1860727.01	259204.17	1860689.37	259193.69
1860231.30	260072.78	15+297.85	1860197.96	260055.38	1860162.35	260043.26
1858943.85	263068.88	18+561.65	1858909.40	263054.07	1858874.95	263039.27

CONTRACTOR NOTE

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NOTES:

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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. SOUNDINGS WERE OBTAINED USING A TRIMBLE GLOBAL POSITIONING SYSTEM AND AN ODOM DEPTH SOUNDER.
6. PROJECT DEPTH: 6 FEET.
7. CHANNEL WIDTH: 125 FEET.
8. STATIONS 0+000 TO 4+400 SURVEYED 12 & 14 FEBRUARY 2013.
9. STATIONS 4+500 TO 4+900 SURVEYED 5 & 6 NOVEMBER 2013.
10. STATIONS 5+000 TO 18+562 SURVEYED 2 & 23 APRIL 2015.
11. TIDE FOR STATIONS 0+000 TO 5+500 WAS OBSERVED AT OC COAST GUARD YARD.
12. TIDE FOR STATIONS 5+600 TO 18+562 WAS OBSERVED AT BAYSHORE DRIVE.
13. SHORELINE MAPPING IS DISPLAYED AS A GENERAL REFERENCE SINCE IT WAS COMPILED IN ACCORDANCE WITH THE NATIONAL MAP ACCURACY STANDARDS FOR AERIAL PHOTOGRAPHY TAKEN JUNE 1993.

TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK OC2. BENCH MARK IS A STANDARD DISK STAPMED "OC2". 117 FEET EAST OF THE EAST CURB OF BALTIMORE AVENUE, 21 FEET SOUTH OF THE SOUTH CURB OF SOMERSET STREET AND 10 INCHES ABOVE THE LEVEL OF THE GROUND. SET IN A DRILL HOLE IN THE CONCRETE FOUNDATION OF THE BRICK CHIMNEY AT THE NORTHWEST CORNER OF THE HOTEL ATLANTIC. 9 INCHES NORTH OF THE NORTH EDGE. 8 INCHES WEST OF THE WEST EDGE.

BENCHMARK ELEV. IS 8.22' ABOVE MLLW FOR THE 2010 TIDAL EPOCH. COMPUTED USING GEOID12B.

BENCHMARK	MLLW
857 0280 OC2	8.22'
857 0280 TIDAL 6	7.16'
857 0280 J	8.36'

VERTICAL DATUM

MHW = 2.38ft
NAVD88 = 1.75ft
MLW = 0.12ft
MLLW = 0.00ft

US Army Corps of Engineers
Baltimore District

Mark	Date	Description	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: JAS
Date: 04/02/15
Rev.
Drawn by: JAS
Cad by: DBS
Design file no.: 857-0280-0-0-0-040
Drawing code:
Reviewed by: SMC
Submitted by:
Chief, Nav. Branch
File name: 857-0280-0-0-0-040.DGN
Plot date:
Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
STATION 0+000 TO 2+400

Sheet reference number:
V-102
Sheet 2 of 8

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.

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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:
Dwn by: JAY
Ckd by: SBC
Reviewed by: SMG
Submitted by: Chief, Nav. Branch
Date: AUG 15
Design file no: 12CZ14-sdg-bat
Drawing code:
File name: 12CZ14_SDG_BATHYMETRY.DWG
Plot date:
Plot scale:
Rev.

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
STATION 2+600 TO 5+500

Sheet reference number:
V-103
Sheet 3 of 8

CONTRACTOR NOTE

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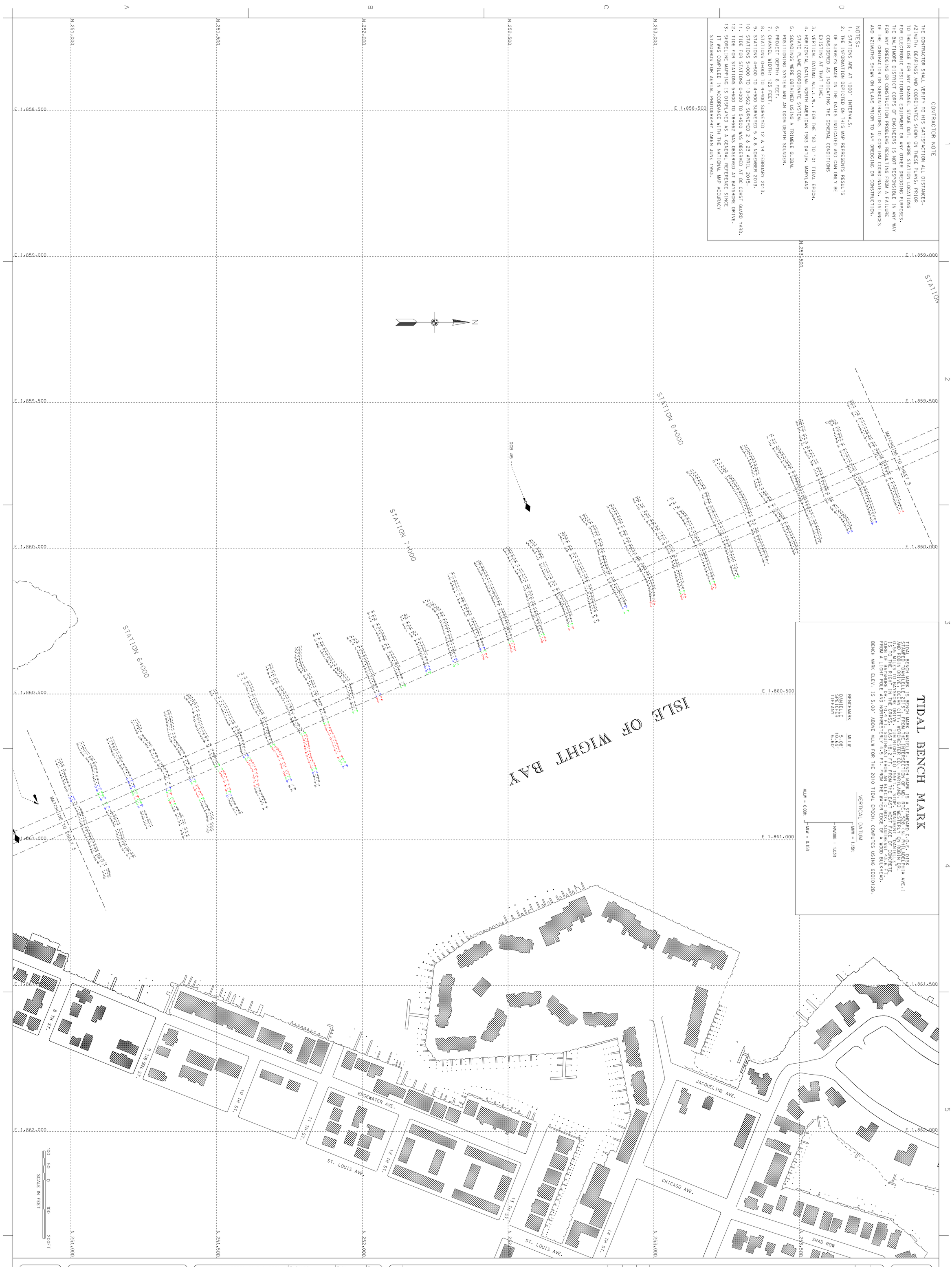


TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK DANIELLE. BENCH MARK IS A STANDARD C.O.E. DISK STAMPED "DANIELLE 2013". FROM THE INTERSECTION OF MD. RTE. 528 (N. PHILADELPHIA AVE.) AND ROBIN DRIVE, OCEAN CITY, WORCHESTER CO., MARYLAND, GO WESTERLY ON ROBIN DR. 0.35 MILES TO THE RIGHT IN THE GRASS. EAST 18.2 FT. FROM THE EAST MOST FACE OF CONCRETE CURB OF BAYSHORE DR. 10.4 FT. SOUTHEAST FROM AN ELECTRIC BOX. SOUTHEAST 43.6 FT. FROM A LIGHT POLE AND NORTHWESTERLY 4.5 FT. FROM THE WATER EDGE OF A WOOD BULKHEAD. BENCH MARK ELEV. IS 5.08' ABOVE MLLW FOR THE 2010 TIDAL EPOCH. COMPUTES USING GEOID12B.

BENCHMARK	MLLW
DANIELLE	5.08'
SAMANTHA	10.63'
TIFFANY	6.80'

VERTICAL DATUM

MHW = 1.15ft

NAVD88 = 1.03ft

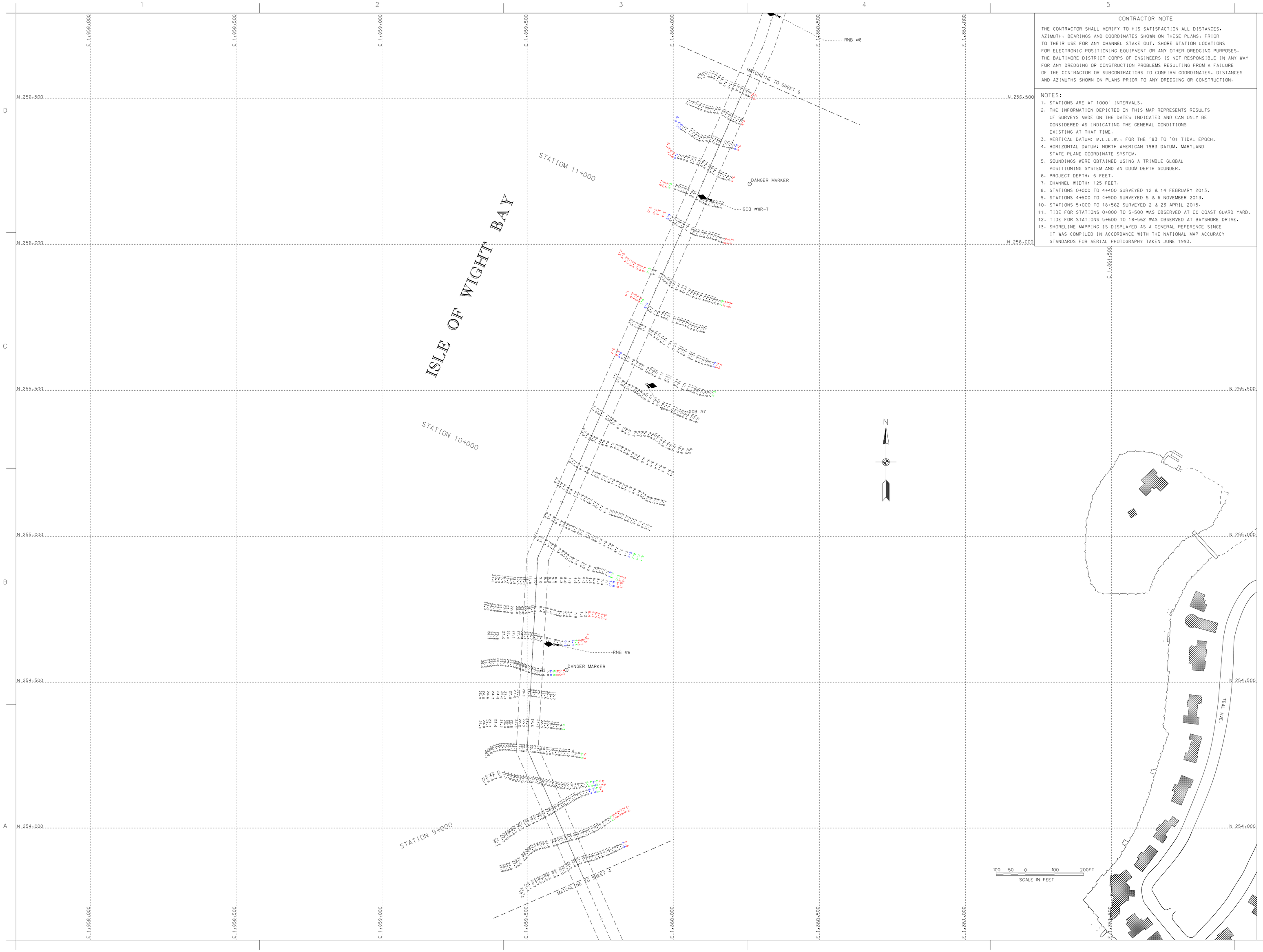
MLW = 0.15ft

MLLW = 0.00ft

Sheet reference number: V-104 Sheet 4 of 8	WORCESTER COUNTY MARYLAND CONDITION SURVEY ISLE OF WIGHT BAY STATION 5+600 TO 8+600	U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT	Designed by:	Date: AUG. '15	Rev.
			Dwn by: JAH / Ckd by: SMG	Design file no. FILE:53 MAP:15-043	
			Reviewed by: SMG	Drawing code:	
			Submitted by: Chief, Nav. Branch	File name:SH01_08C052W23APR2015 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers Baltimore District



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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:
Date by:
Drawn by: SMC
Checked by: SMC
Reviewed by:
Submitted by:
Chief, Nav. Branch

Date: 2015-05-15
Design file no.: CHES_14-09-043
Drawing scale:
File name/Rel. 2000NAD83NAVD88
Plot date:
Plot scale:
Rev.

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
STATION 8+700 TO 11+500

Sheet reference number:
V-105
Sheet 5 of 8

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.

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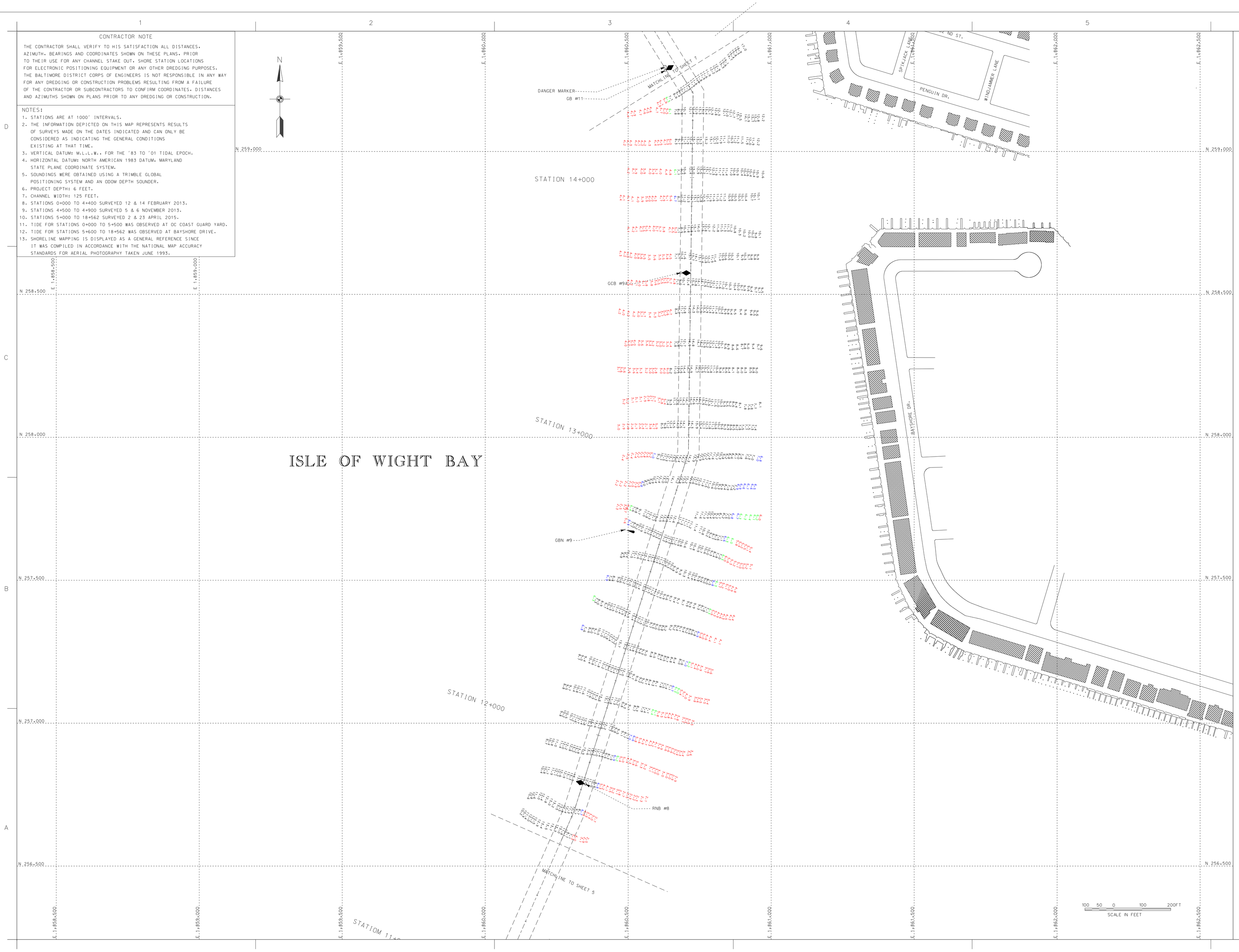


US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

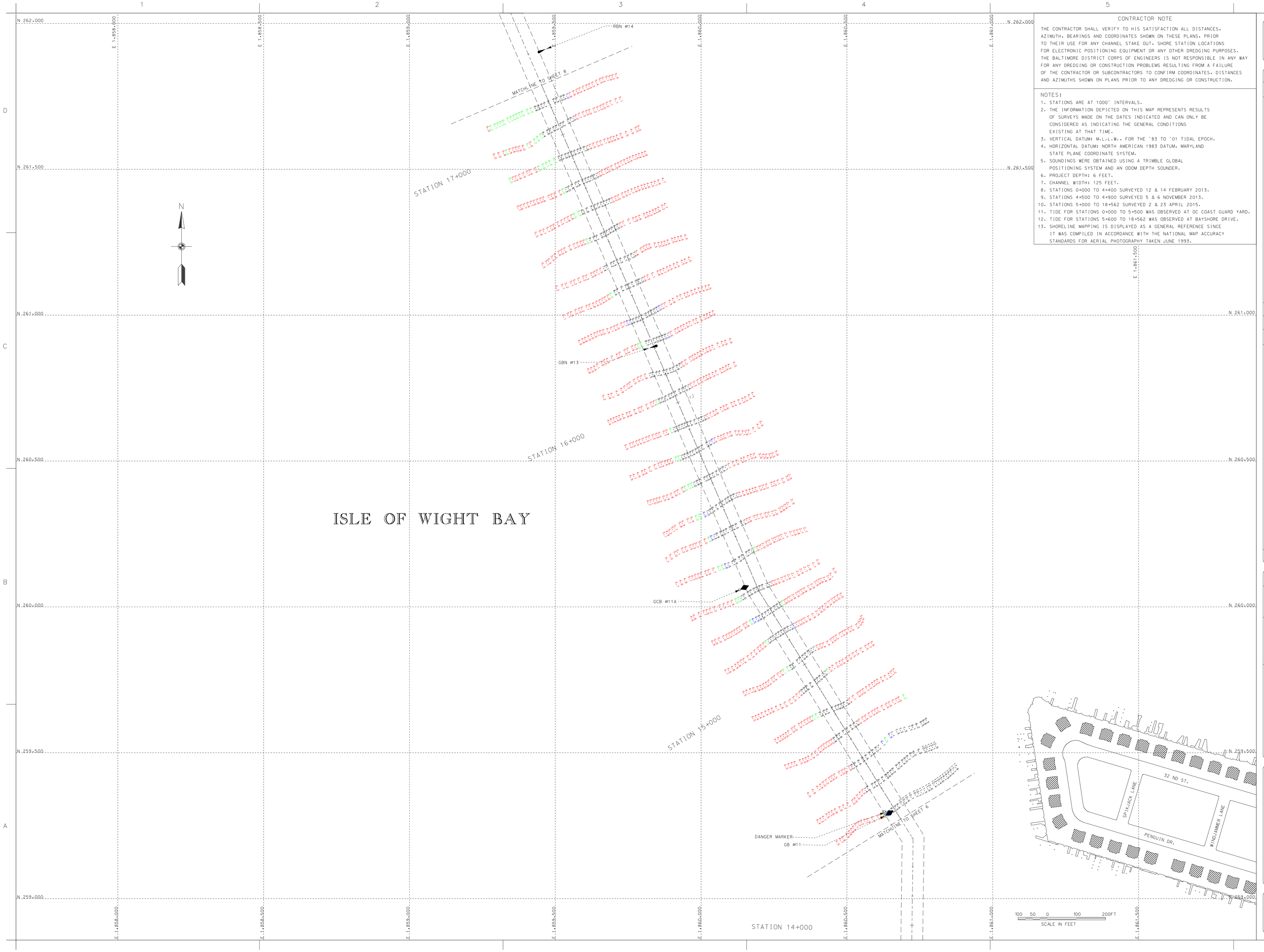
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date: 8/26/15
Drawn by: SMG
Cad by: SMG
Reviewed by: SMG
Submitted by: Chief, Nav. Branch
Rev.
Design file no.: ISLE OF WIGHT-D-044
Drawing code:
File name:
Proj. size:
Proj. type:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
STATION 11+600 TO 14+400

Sheet reference number:
V-106
Sheet 6 of 8



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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

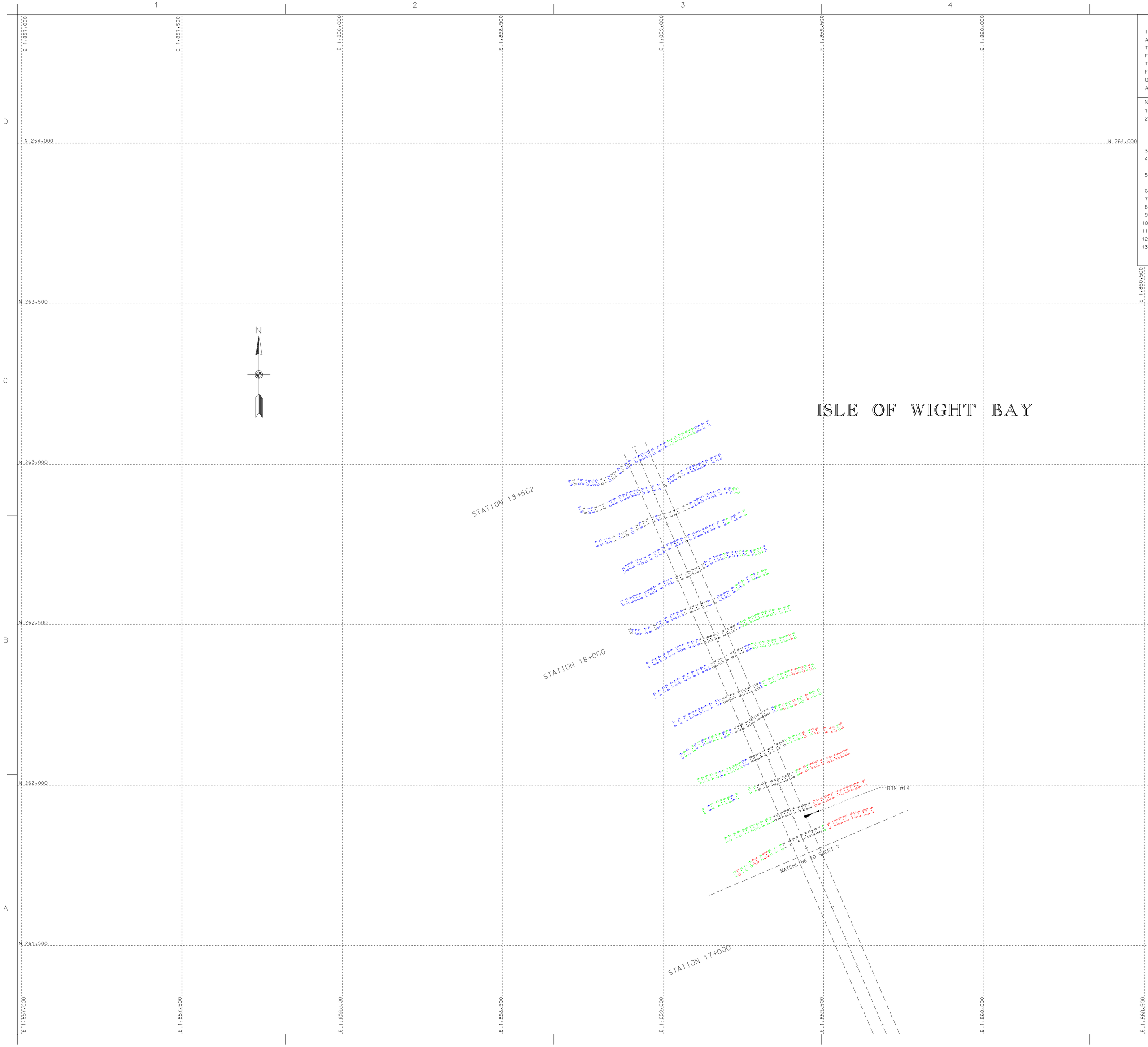
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date by: 10-1-15
Drawn by: SMC
Checked by: SMC
Reviewed by:
Submitted by:
Chief, Nav. Branch
Date: 10-1-15
Design file no.: 0000-00-0000-0-045
Drawing code:
File name/Ext.: 0000SEA0000
Plot size:
Plot scale:
Rev.

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
STATION 14+500 TO 17+200

Sheet reference number:
V-107
Sheet 7 of 8



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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: SMC
Ckd by: SMC
Reviewed by: SMC
Submitted by:
Chief, Nav. Branch
Date: May 15
Design file no: CHOP-1-1-09-048
Drawing code:
File name: PLOT-CHOP-1-1-09-048-V-108.DGN
Plot date:
Plot scale:
Rev.

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
ISLE OF WIGHT BAY
STATION 17+300 TO 18+562

Sheet reference number:
V-108
Sheet 8 of 8