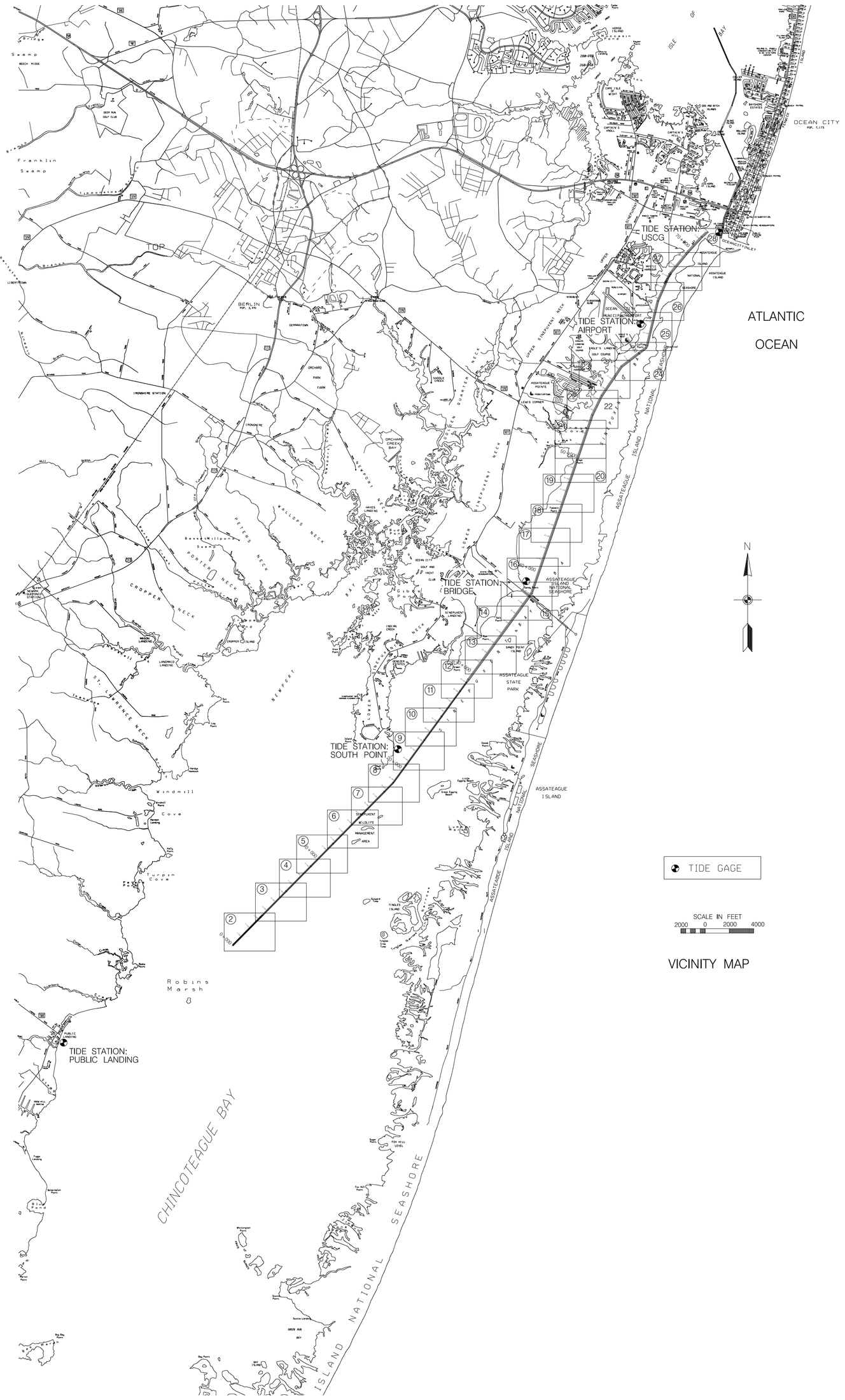
CONDITION SURVEY
SINEPUXENT BAY
WORCESTER COUNTY, MARYLAND



TITLE	FILE & MAP NO.	SHEET NO.
COVER SHEET	FILE: 53 MAP: 13-019	1
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SINEPUXENT BAY STATION 3+300 TO 6+200	FILE: 53 MAP: 13-021	3
SINEPUXENT BAY STATION 6+300 TO 9+100	FILE: 53 MAP: 13-022	4
SINEPUXENT BAY STATION 9+200 TO 11+700	FILE: 53 MAP: 13-023	5
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SINEPUXENT BAY STATION 64+200 TO 66+600	FILE: 53 MAP: 13-044	26
SINEPUXENT BAY STATION 66+700 TO 69+600	FILE: 53 MAP: 13-045	27
SINEPUXENT BAY STATION 69+700 TO 71+905	FILE: 53 MAP: 13-046	28

US Army Corps of Engineers
Baltimore District

Date | Appr. | Description | Mark

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: | Drawn by: | Checked by: | Submitted by: | Chief, Nav. Branch
Date: | Dwg. file no.: | Cad # dwg: | Drawing name: | For more info: | Plot date: | Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
COVER SHEET

Sheet reference number:
V-101
Sheet 1 of 28

TIDAL BENCH MARK

TIDAL BENCHMARK IS BENCH MARK 0536 A.
BENCHMARK IS A STANDARD N.O.S. DISK STAMPED "0563 A 1985".
THE PRIMARY BENCH MARK IS A DISK LOCATED ACROSS FROM THE BOAT RAMP, 80 FT SW OF A TALL PILE ON THE EAST SIDE OF THE BOAT RAMP, 57.6 FT NE OF THE WEST CORNER OF A 1-STORY DWELLING, AND 2.2 FT NW OF AND IN LINE WITH THE SOUTH FACE OF THE WHARF. THE BENCH MARK IS SET 0.5 FT BELOW THE GROUND, CRIMPED TO THE TOP OF A STAINLESS STEEL ROD DRIVEN 28 FT TO REFUSAL, AND ENCASED IN A 5-INCH PVC PIPE AND CONCRETE KICKBLOCK.

BENCHMARK ELEV. 2.26' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH

CONTRACTOR NOTE

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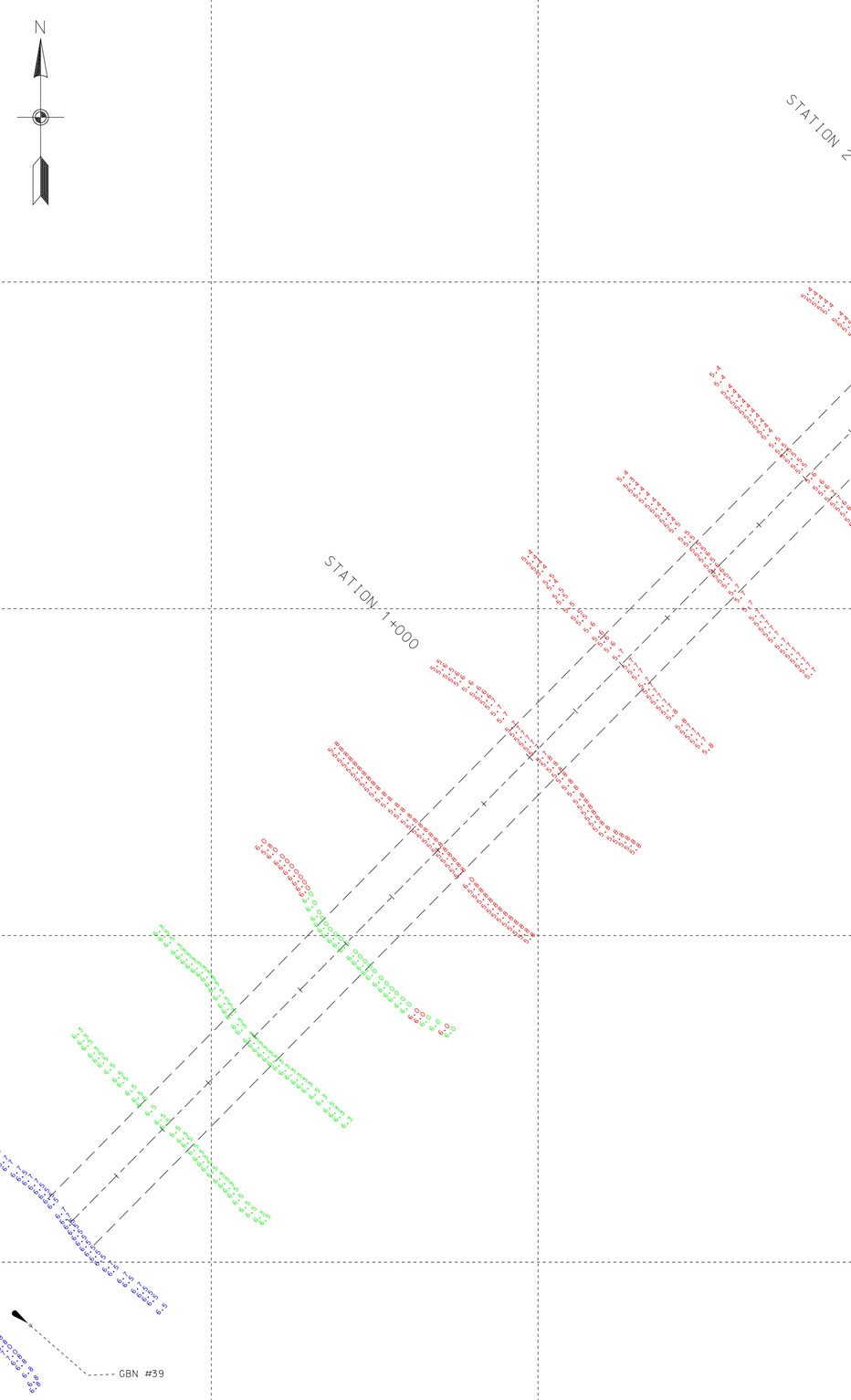
6. PROJECT DEPTH: 6 FEET.
7. CHANNEL WIDTH IS 100 AND 150 FEET.
8. SURVEYED 29, 30, & 31 JANUARY AND 5 MARCH 2013.
9. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM MARYLAND STATE HIGHWAY QUAD MAPS.
10. TIDE FOR STATION 0+000 TO 28+500 OBSERVED AT SOUTH POINT PIER.
11. TIDE FOR STATIONS 28+500 TO 53+000 OBSERVED AT BOAT RAMP AT VERRAZANO BRIDGE.
12. TIDE FOR STATIONS 53+000 TO 66+000 OBSERVED AT EAGLES NEST.
13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.



US Army Corps of Engineers
Baltimore District

No.	Description	Date	Appr.

Designed by:	Date: APRIL 13
Date for:	Drawn file No.:
Plotted:	Plot Scale: 1:1 AP-15-1200
Approved by:	Check Level:
Submitted by:	File name:M:\C_Data\Survey\2013\MAR2013\
Chief, Nav. Branch	Plot date:
	Plot name:

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
CONTRACT NO. 13-200
STATION 0+000 TO 71+200

Sheet reference number:
V-102
Sheet 2 of 28

CONTRACTOR NOTE

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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District

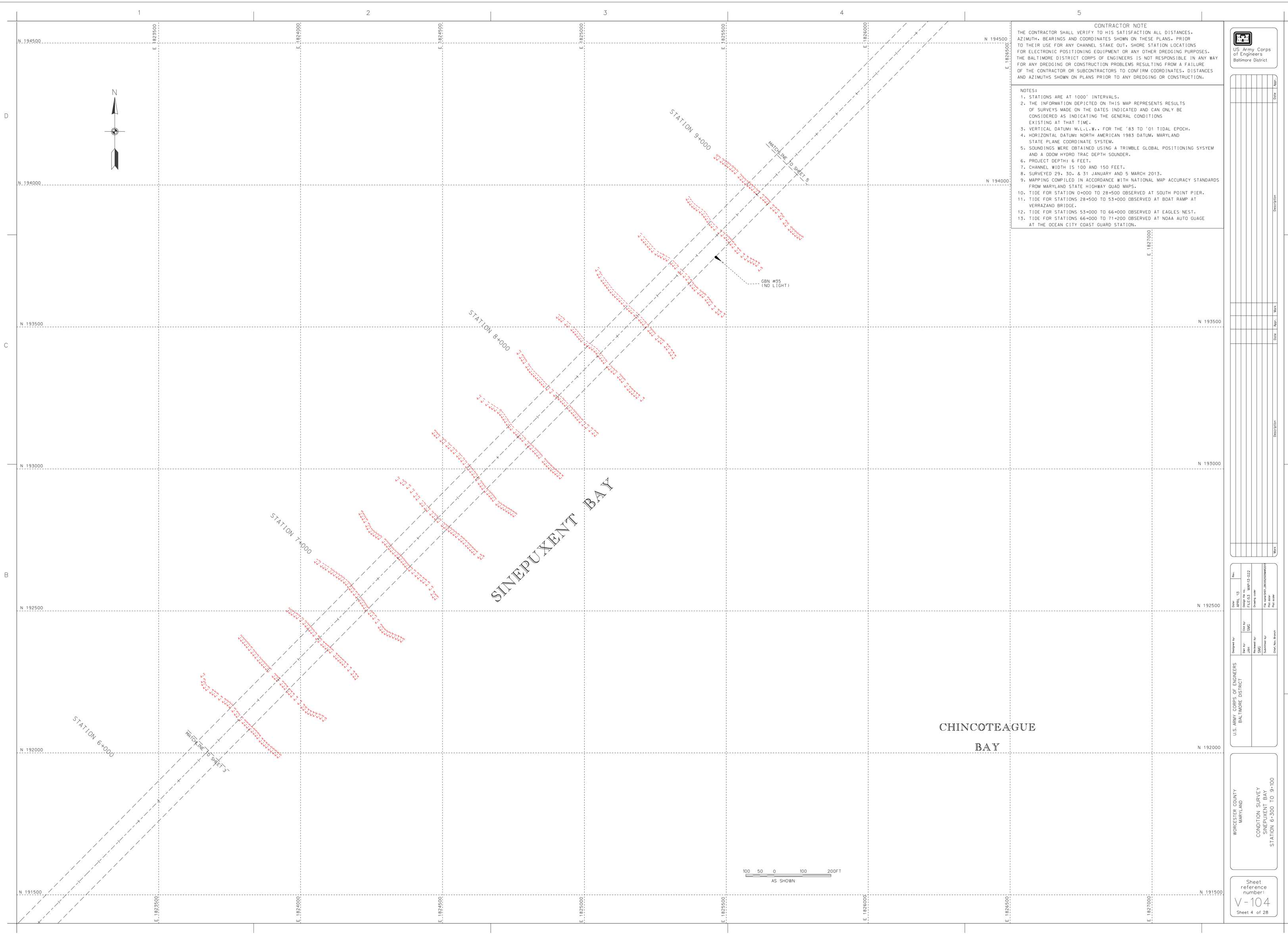
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date: APRIL '13
Rev.:	
Dwn by: JAH	Ckd by: SMG
Design file no.	FILE:53 MAP:13-021
Reviewed by: SMG	Drawing code:
Submitted by:	File name: SH01_28C052S05MAR2013
Chief, Nav. Branch	Plot date:
	Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 3+300 TO 6+200

Sheet reference number:
V-103
Sheet 3 of 28



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US Army Corps of Engineers
Baltimore District

Mark	Description	Appr	Date

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Surveyed by: SMC
Drawn by: JMH
Checked by: SMC
Submitted by:
Chief, Nav. Branch

Date: APRIL '13
Design File No.: 13-01-MAP15-022
Drawing Under:
File name=PWC-26705250MAP015
Proj. datum:
Proj. zone:
Proj.

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 6+300 TO 9+100

Sheet reference number:
V-104
Sheet 4 of 28

CONTRACTOR NOTE

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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

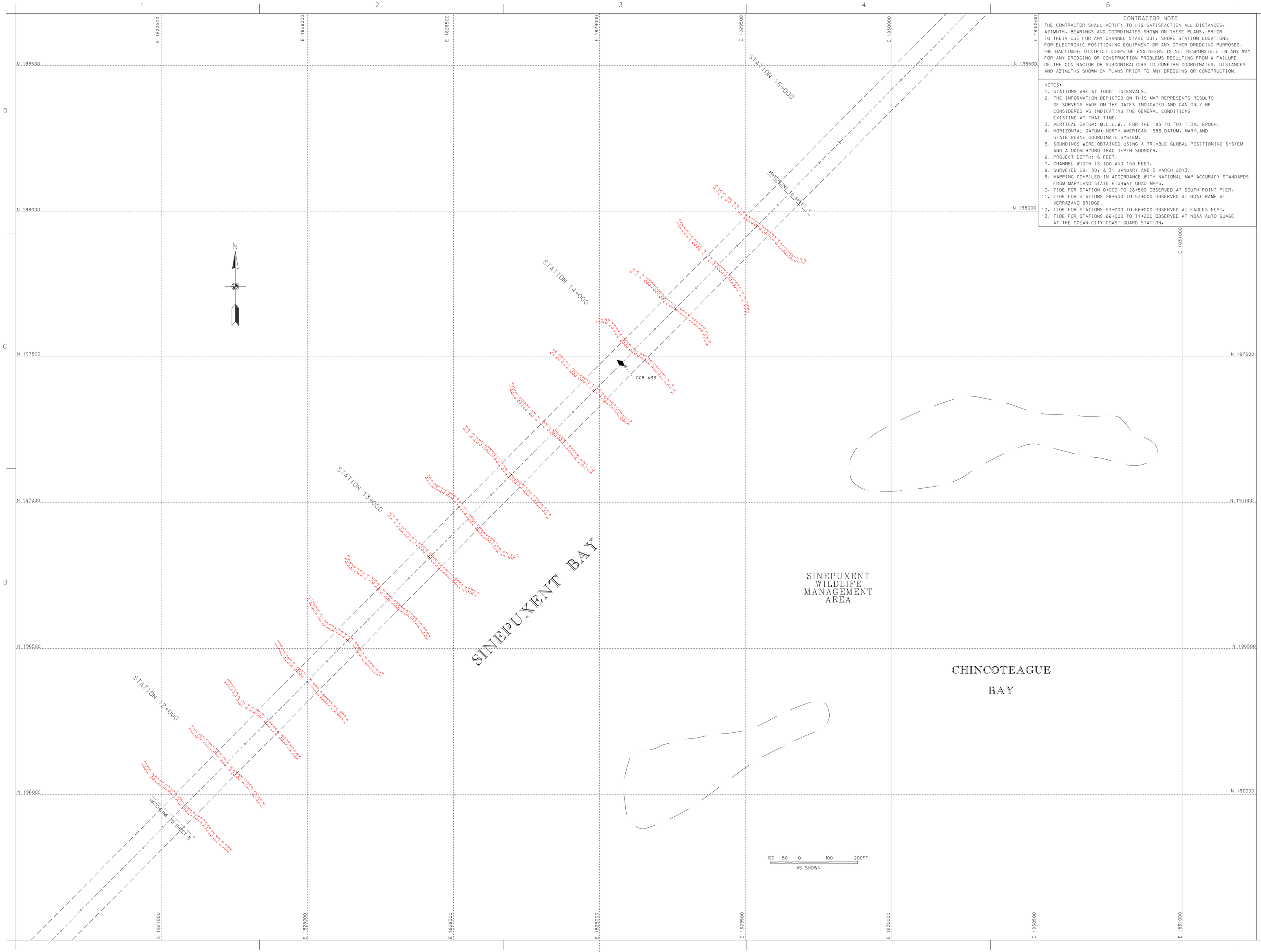
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE:53 MAP:13-023	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C052S5MAR2013 Plot date: Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 9+200 TO 11+700

Sheet reference number:
V-105
Sheet 5 of 28



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US Army Corps of Engineers
Baltimore District

No.	Date	Description	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: JUNE, '13	Rev.
Sect by: JAM	Dd by: SMC	Range No. no Ref'd # MAP15-024	
Plotted by: SMC		Drawing name:	
Submitted by: Chief, Nav. Branch		File name=PDC_DWG\Map\MAP015 Plot date: Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 11+800 TO 14+700

Sheet reference number:
V-106
Sheet 6 of 28

CONTRACTOR NOTE

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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

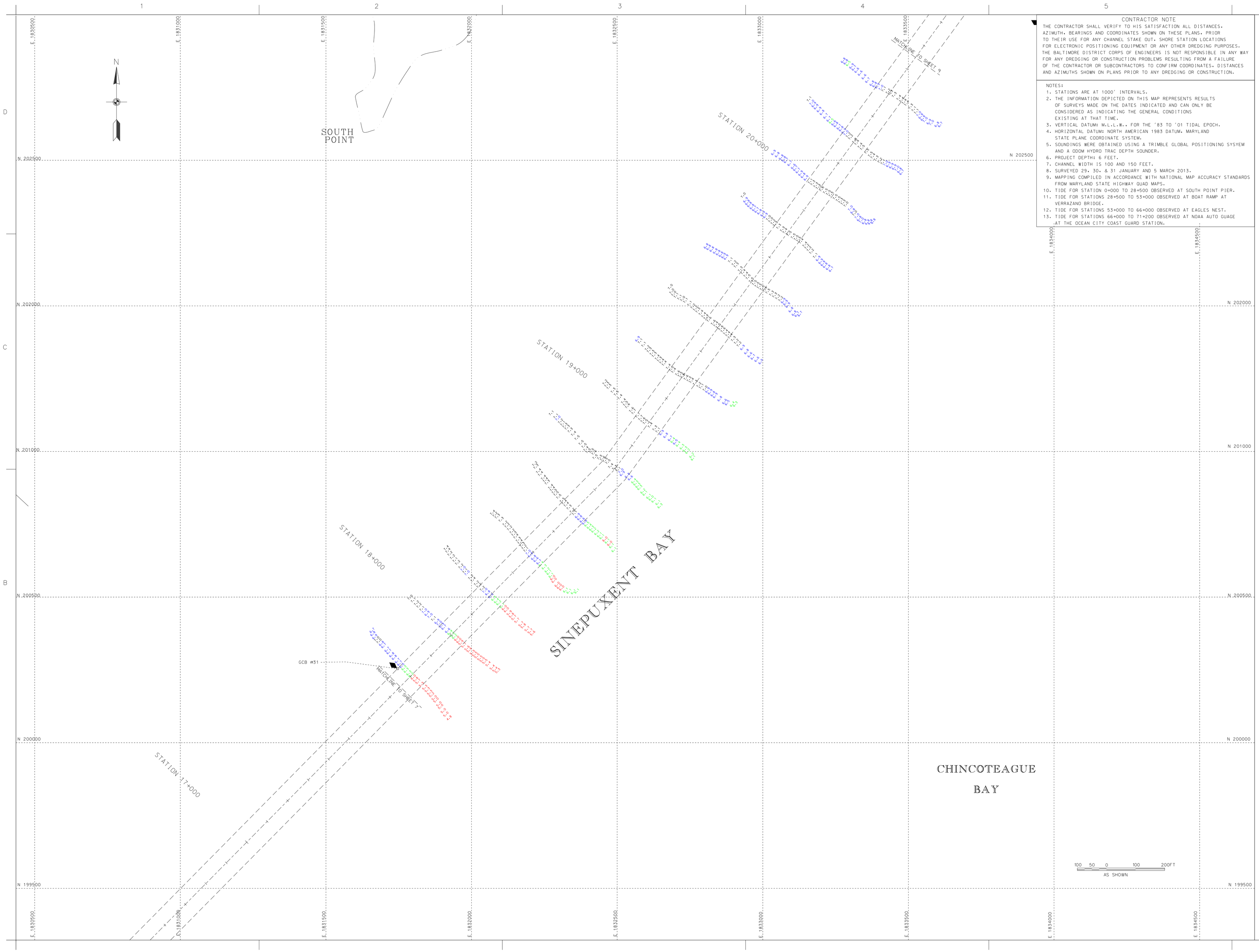
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date: APRIL '13 Rev.
Dwn by: JAH Ckd by: SMG	Design file no. FILE:53 MAP:13-025
Reviewed by: SMG	Drawing code:
Submitted by: Chief, Nav. Branch	File name:SH01_28C052S5MAR2013 Plot date: Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 14+800 TO 17+700

Sheet reference number:
V-107
Sheet 7 of 28



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US Army Corps of Engineers
Baltimore District

No.	Date	Description
1	Mar	
2	Apr	
3	Dne	
4	Apr	
5	Mark	

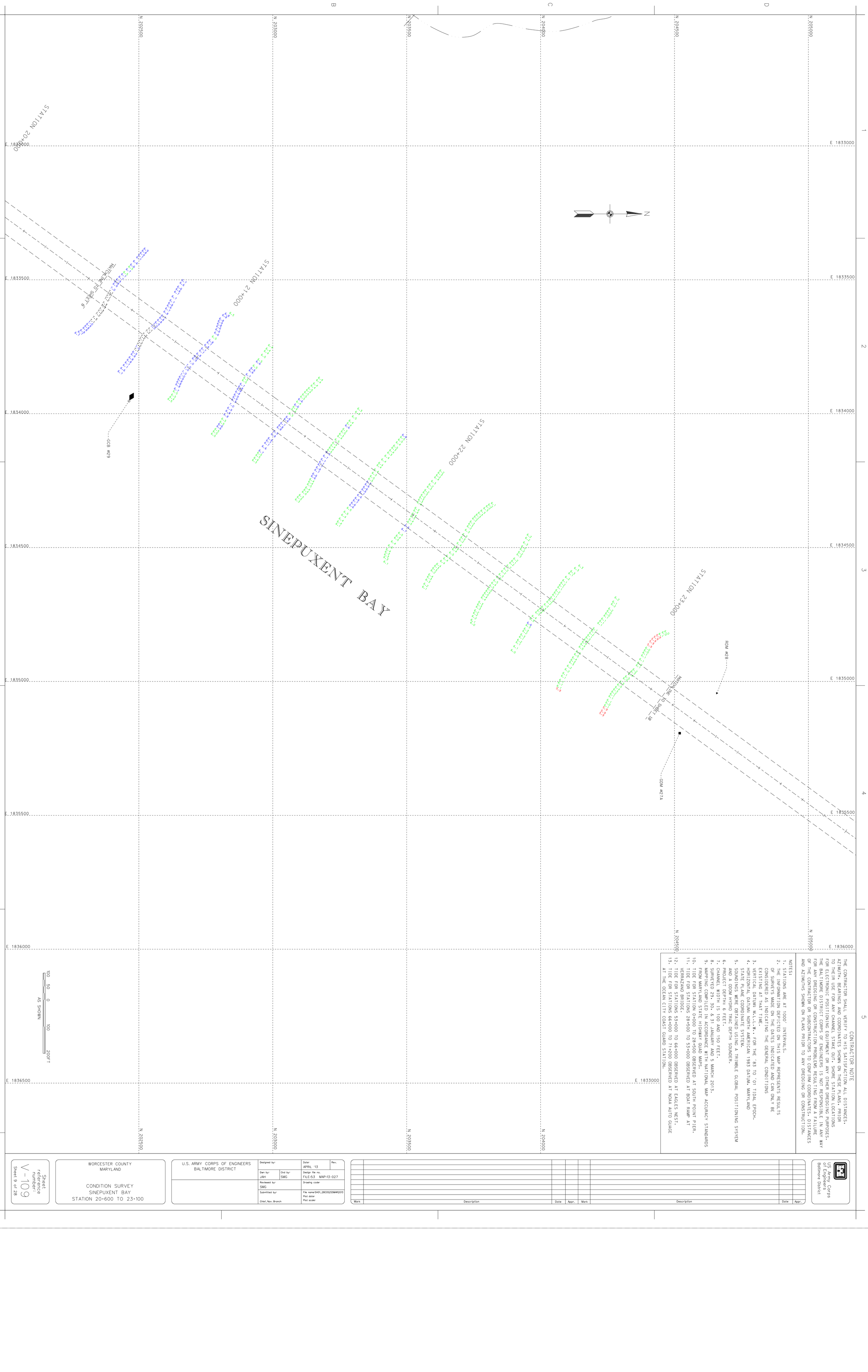
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: Ian Ivy / Jill Hall
Date: Dec 2013
Drawn by: Ian Ivy / SAIC
Date: Mar 2014
Reviewed by: SAIC
Submitted by: Chief, Nav. Branch
File Name: P:\DGN\PROJECTS\WORCESTER\MAP2013.DGN
Plot Scale:
Plot Date:
Drawing Name: MAP13-026
Dwg. No.:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 17+800 TO 20+500

Sheet reference number:
V-108
Sheet 8 of 28



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Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 20+600 TO 23+100

Sheet reference number:
V - 109
Sheet 9 of 28

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE:53 MAP:13-027	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28005255MAR2013 Plot date: Plot scale:	

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:

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3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
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5. SOUNDINGS WERE OBTAINED USING A TRIMBLE GLOBAL POSITIONING SYSYEM AND A ODOM HYDRO TRAC DEPTH SOUNDER.
6. PROJECT DEPTH: 6 FEET.
7. CHANNEL WIDTH IS 100 AND 150 FEET.
8. SURVEYED 29, 30, & 31 JANUARY AND 5 MARCH 2013.
9. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM MARYLAND STATE HIGHWAY QUAD MAPS.
10. TIDE FOR STATION 0+000 TO 28+500 OBSERVED AT SOUTH POINT PIER.
11. TIDE FOR STATIONS 28+500 TO 53+000 OBSERVED AT BOAT RAMP AT VERRAZANO BRIDGE.
12. TIDE FOR STATIONS 53+000 TO 66+000 OBSERVED AT EAGLES NEST.
13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

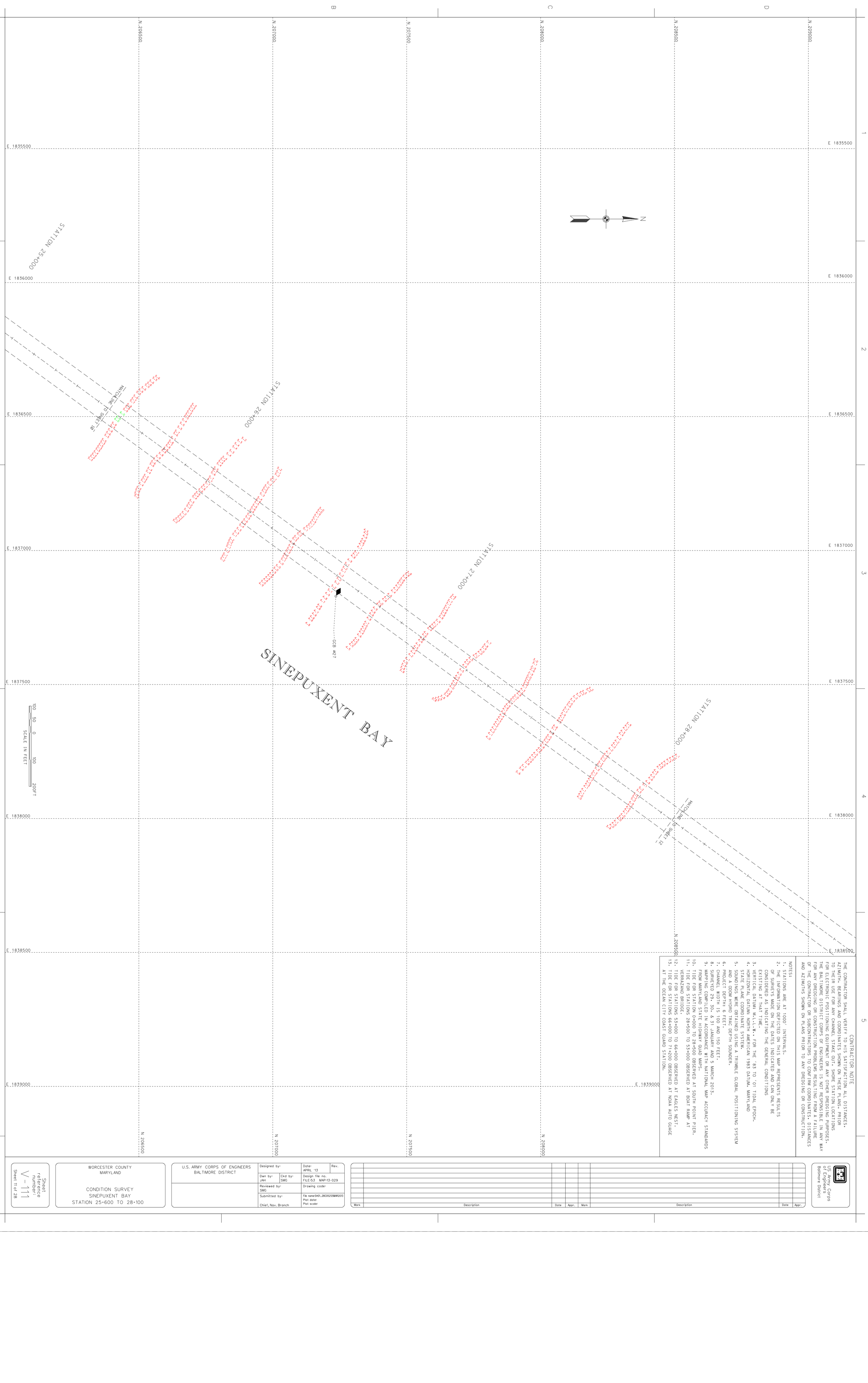
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13 / Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE:53 MAP:13-028
Reviewed by: SMG		Drawing code:
Submitted by: Chief, Nav. Branch		File name:SH01_28C082S5MAR2013 Plot date: Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 23+200 TO 25+500

Sheet reference number:
V-110
Sheet 10 of 28



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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Sheet reference number: V – 111
Sheet 11 of 28

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 25+600 TO 28+100

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE-53 MAP-13-029	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C0525SMAR2013 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District

TIDAL BENCH MARK

TIDAL BENCHMARK IS BENCH MARK U141.
BENCHMARK IS A STANDARD N.O.S. DISK STAMPED "U141 1977".
4.1 MI SOUTHEASTERLY ALONG STATE HIGHWAY 376 FROM THE JUNCTION OF U.S. HIGHWAY 113 IN BERLIN, THENCE 3.4 MI SOUTHERLY ALONG STATE HIGHWAY 611, IN TOP OF AND 3.0 FT SOUTHEAST OF THE NORTHWEST END OF THE NORTHEAST CURB OF THE HIGHWAY BRIDGE SPANNING SINEPUXENT BAY, 13.5 FT NORTHEAST OF THE HIGHWAY CENTERLINE, AND 0.7 FT ABOVE THE LEVEL OF THE HIGHWAY.

BENCHMARK ELEV. 13.2' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH

CONTRACTOR NOTE

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12. TIDE FOR STATIONS 53+000 TO 66+000 OBSERVED AT EAGLES NEST.
13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

GREEN POINT

STATION 31+000

STATION 30+000

STATION 29+000

STATION 28+000

SINEPUXENT BAY

GBN #25

MATCHLINE TO SHEET 13

MATCHLINE TO SHEET 11

N

SCALE IN FEET
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US Army Corps of Engineers
Baltimore District

No.	Description	Date	Appr.
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Designed by:	Date:	Chkd by:	Date:
Drawn by:	Date:	Approved by:	Date:
SMS		Submitted by:	Date:
		Chief, Nav. Branch	

Rev.
Date: 13 Mar 2013
Design file no.
Cad ref: Map12.dgn
Drawing name:
File name=PDC_DATA\Maps\12.dgn
Plot date:
Plot scale:

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 28+200 TO 30+700

Sheet reference number:
V-112
Sheet 12 of 28

CONTRACTOR NOTE

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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date: APRIL '13	Rev.
Dwn by: JAH / Ckd by: SMG	Design file no. FILE:53 MAP:13-031	
Reviewed by: SMG	Drawing code:	
Submitted by: Chief, Nav. Branch	File name:SH01_28C052S5MAR2013 Plot date: Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 30+800 TO 33+400

Sheet reference number:
V-113
Sheet 13 of 28

CONTRACTOR NOTE

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RUM POINTE SEASIDE GOLF LINKS

SALT POINT

RUM POINT

SINEPUXENT BAY

SANDY POINT ISLAND

STATION 36+000

STATION 35+000

STATION 34+000

STATION 33+000

RDM #20

GCB #21

MATCHLINE TO SHEET 15

MATCHLINE TO SHEET 13

RUM POINT LANE

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AS SHOWN

100 50 0 100 200FT

US Army Corps of Engineers Baltimore District

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U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date:
Drawn by: SMC	Chkd by: SMC
Traced by: SMC	Approved by: Chief, Nav. Branch
Date: APRIL 13	Rev:
Design file No.: C:\CAD\15-532	Drawing name:
File name: PHOL_20150532M0000	Plot date: Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 33+500 TO 36+200

Sheet reference number:
V-114
Sheet 14 of 28

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:	Rev.
Sam Ayr	Dat by: SMC	JUNE '13	
Drawn by:		Design file no.	
Mohamed Ayr		Grid ref.	MAP15-033
Checked by:		Drawing scale:	
SMC		File name=PDC-2500(20MAR2013)	
Submitted by:		Plot date:	
Chief, Nav. Branch		Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 36+300 TO 38+700

Sheet reference number:
V-115
Sheet 15 of 28

NATIONAL SEASHORE VISITOR CENTER AND HQ

STEPHEN DECATUR ROAD

611

RUM POINTE SEASIDE GOLF LINKS

SANDY POINT

STATION 39+000

STATION 38+000

STATION 37+000

STATION 36+000

MATCHLINE TO SHEET 16

MATCHLINE TO SHEET 14

VERRAZANO BRIDGE

GBN #19

RDM #20

SINEPUXENT BAY

ASSATEAGUE ISLAND

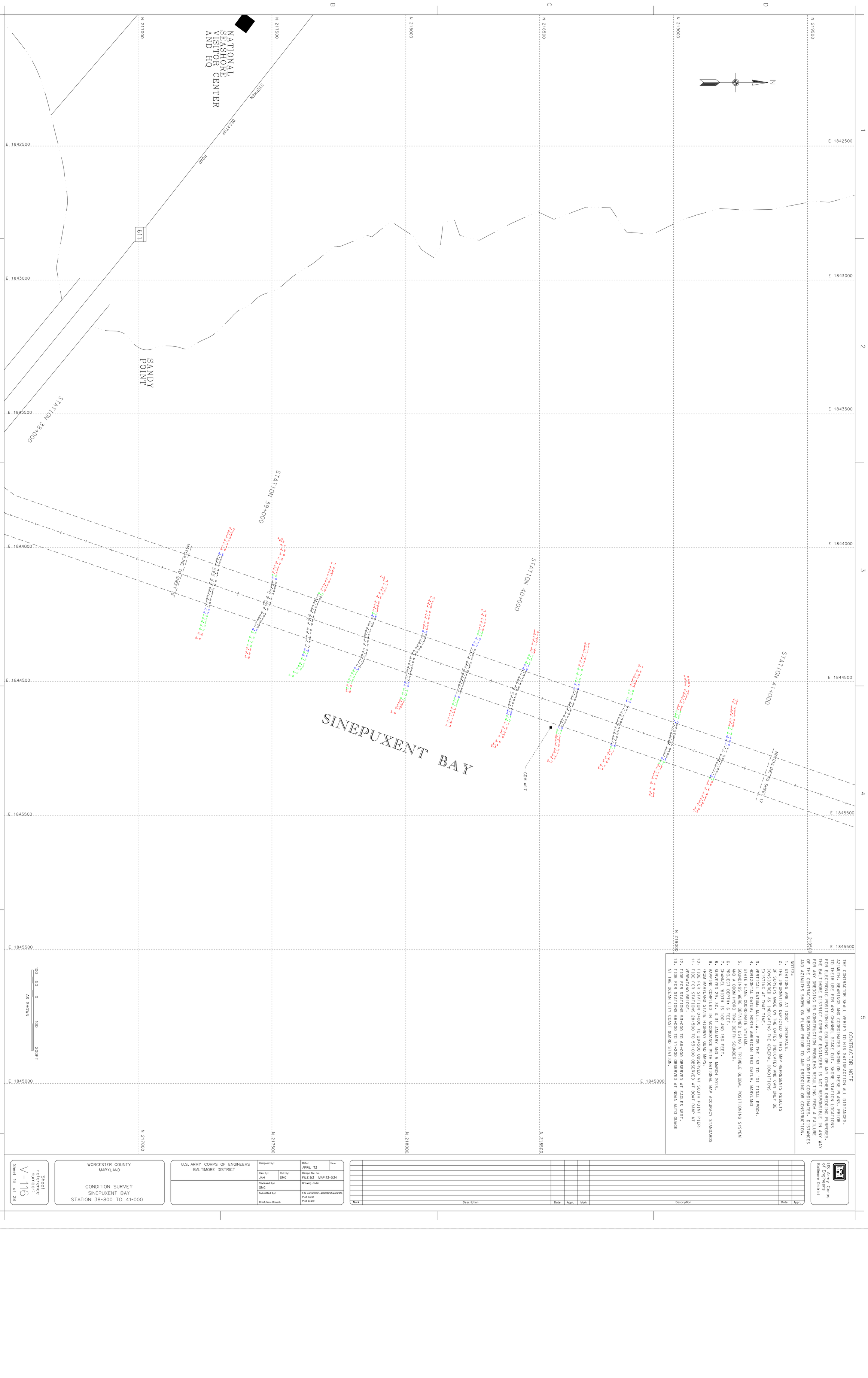
N

100 50 0 100 200FT
AS SHOWN

E 1842000 E 1842500 E 1843000 E 1843500 E 1844000 E 1844500 E 1845000 E 1845500

N 217500 N 217000 N 216500 N 216000 N 215500 N 215000

A B C D



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Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

Sheet reference number: V-116
Sheet 16 of 28

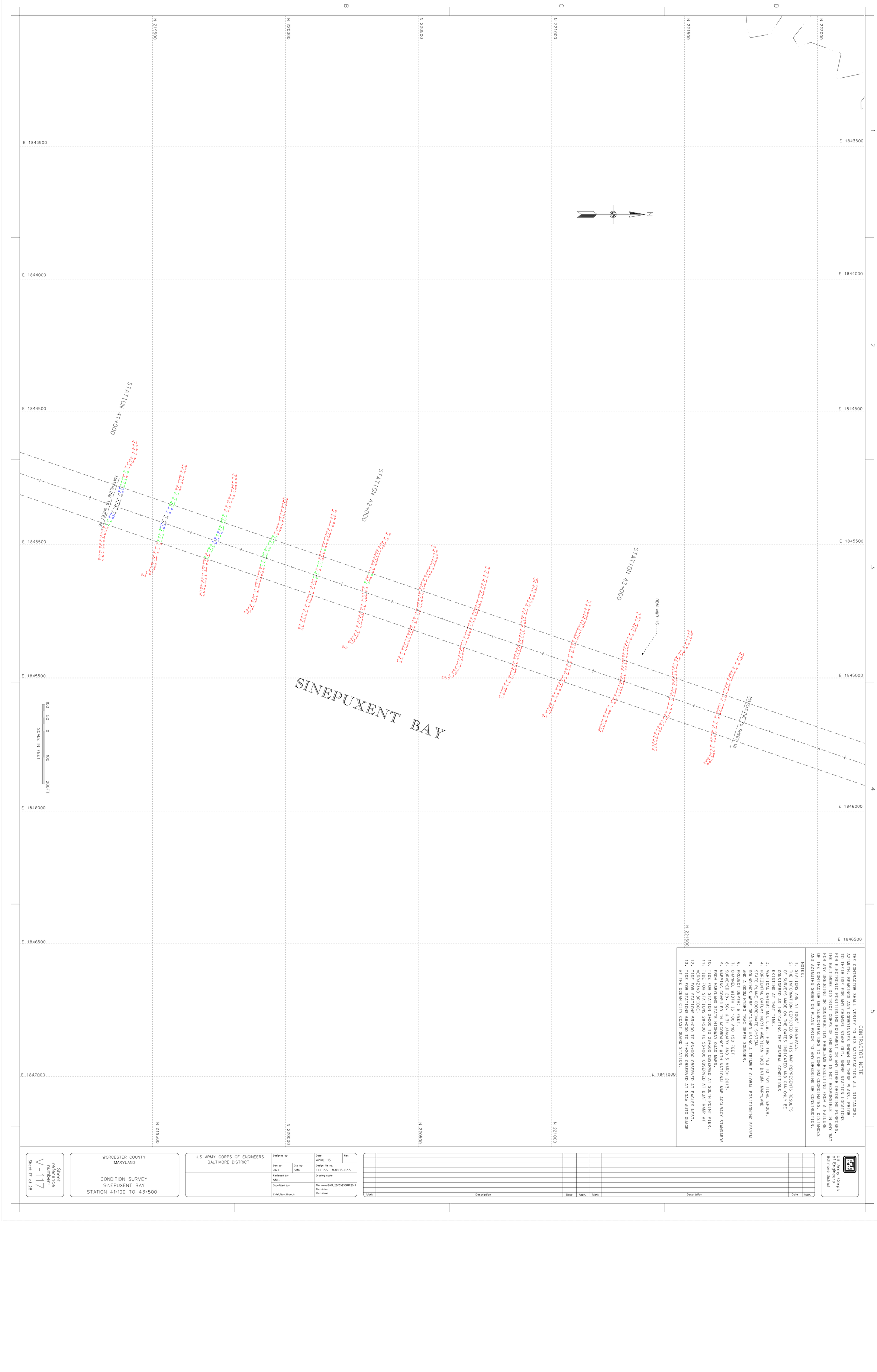
WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 38+800 TO 41+000

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13 — Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE:53 MAP:13-034
Reviewed by: SMG		Drawing code:
Submitted by: Chief, Nav. Branch		File name:SH01_28C05255MAR2013 Plot date: Plot scale:

US Army Corps of Engineers
Baltimore District



CONTRACTOR NOTE

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Sheet reference number: V-117
Sheet 17 of 28

WORCESTER COUNTY
MARYLAND

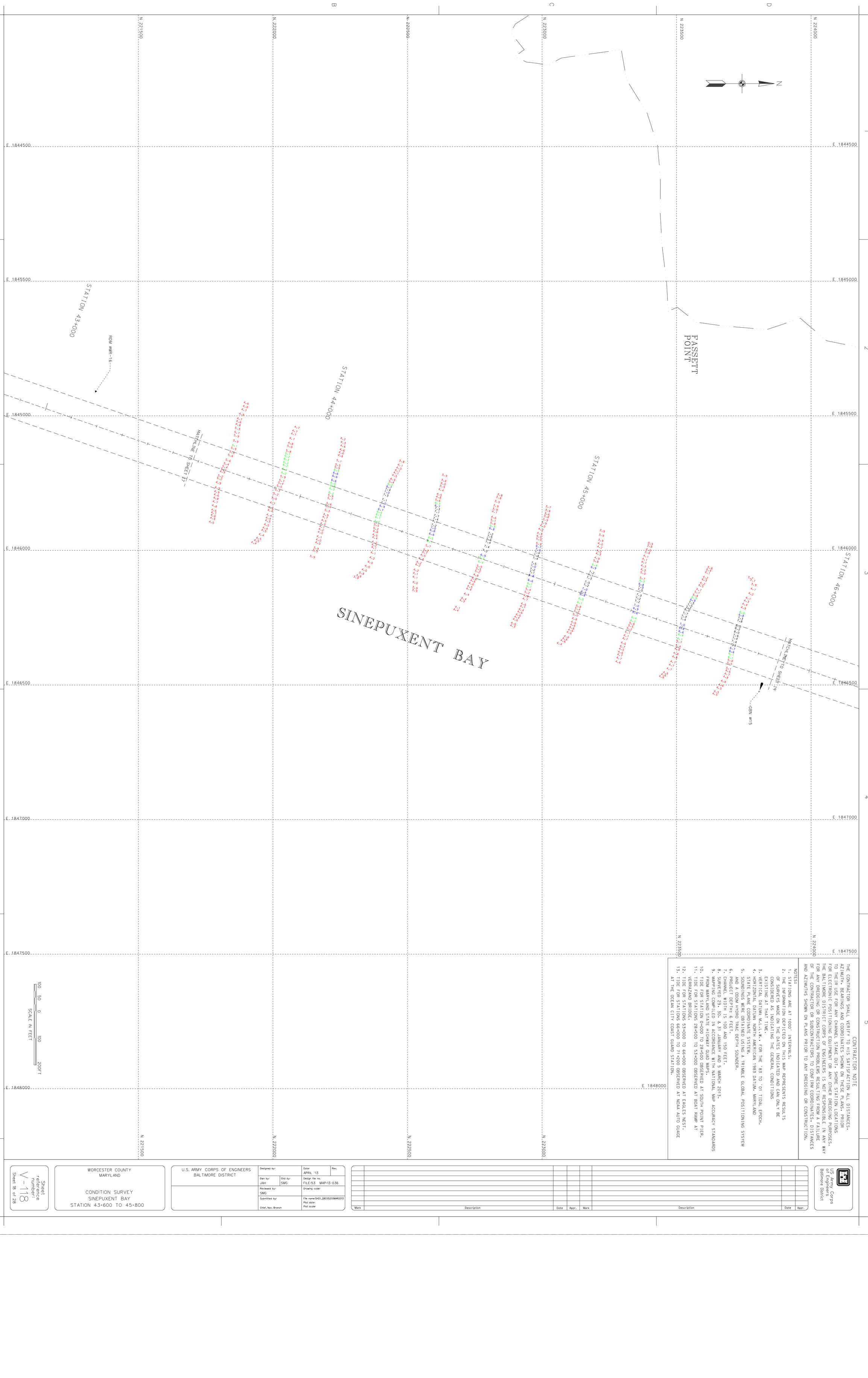
CONDITION SURVEY
SINEPUXENT BAY
STATION 41+100 TO 43+500

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no.: FILE-53 MAP-13-035	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C0525SMAR2013 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District



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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 SYSYEM AND A ODOM HYDRO TRAC DEPTH SOUNDER.
6. PROJECT DEPTH: 6 FEET.
7. CHANNEL WIDTH IS 100 AND 150 FEET.
8. SURVEYED 29, 30, & 31 JANUARY AND 5 MARCH 2013.
9. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM MARYLAND STATE HIGHWAY QUAD MAPS.
10. TIDE FOR STATION 0+000 TO 28+500 OBSERVED AT SOUTH POINT PIER.
11. TIDE FOR STATIONS 28+500 TO 53+000 OBSERVED AT BOAT RAMP AT VERRAZANO BRIDGE.
12. TIDE FOR STATIONS 53+000 TO 66+000 OBSERVED AT EAGLES NEST.
13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District

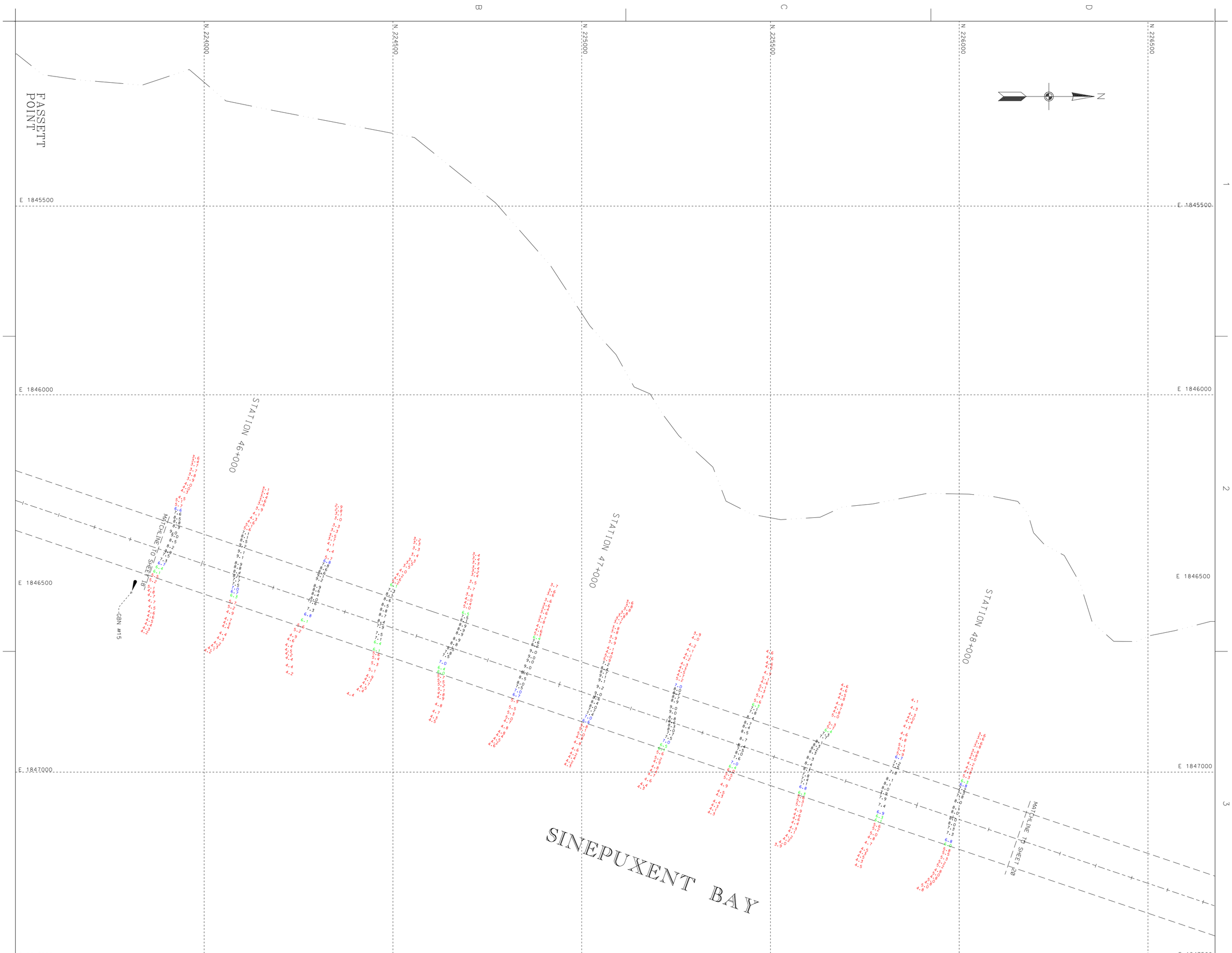
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date: APRIL '13	Rev.
Dwn by: JAH / Ckd by: SMG	Design file no.: FILE-53 MAP-13-036	
Reviewed by: SMG	Drawing code:	
Submitted by: Chief, Nav. Branch	File name: SH01_28C05255MAR2013 Plot date: Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 43+600 TO 45+800

Sheet reference number:
V-118
Sheet 18 of 28



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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6. PROJECT DEPTH: 6 FEET.
7. CHANNEL WIDTH IS 100 AND 150 FEET.
8. SURVEYED 29, 30, & 31 JANUARY AND 5 MARCH 2013, SURVEY COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS
9. MAPPING COMPILED IN ACCORDANCE WITH MATIONAL MAP ACCURACY STANDARDS FROM MARYLAND STATE HIGHWAY QUAD MAPS.
10. TIDE FOR STATION 0+000 TO 28+500 OBSERVED AT SOUTH POINT PIER.
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12. TIDE FOR STATIONS 53+000 TO 66+000 OBSERVED AT EAGLES NEST.
13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Sheet reference number: V-119
Sheet 19 of 28

WORCESTER COUNTY
MARYLAND

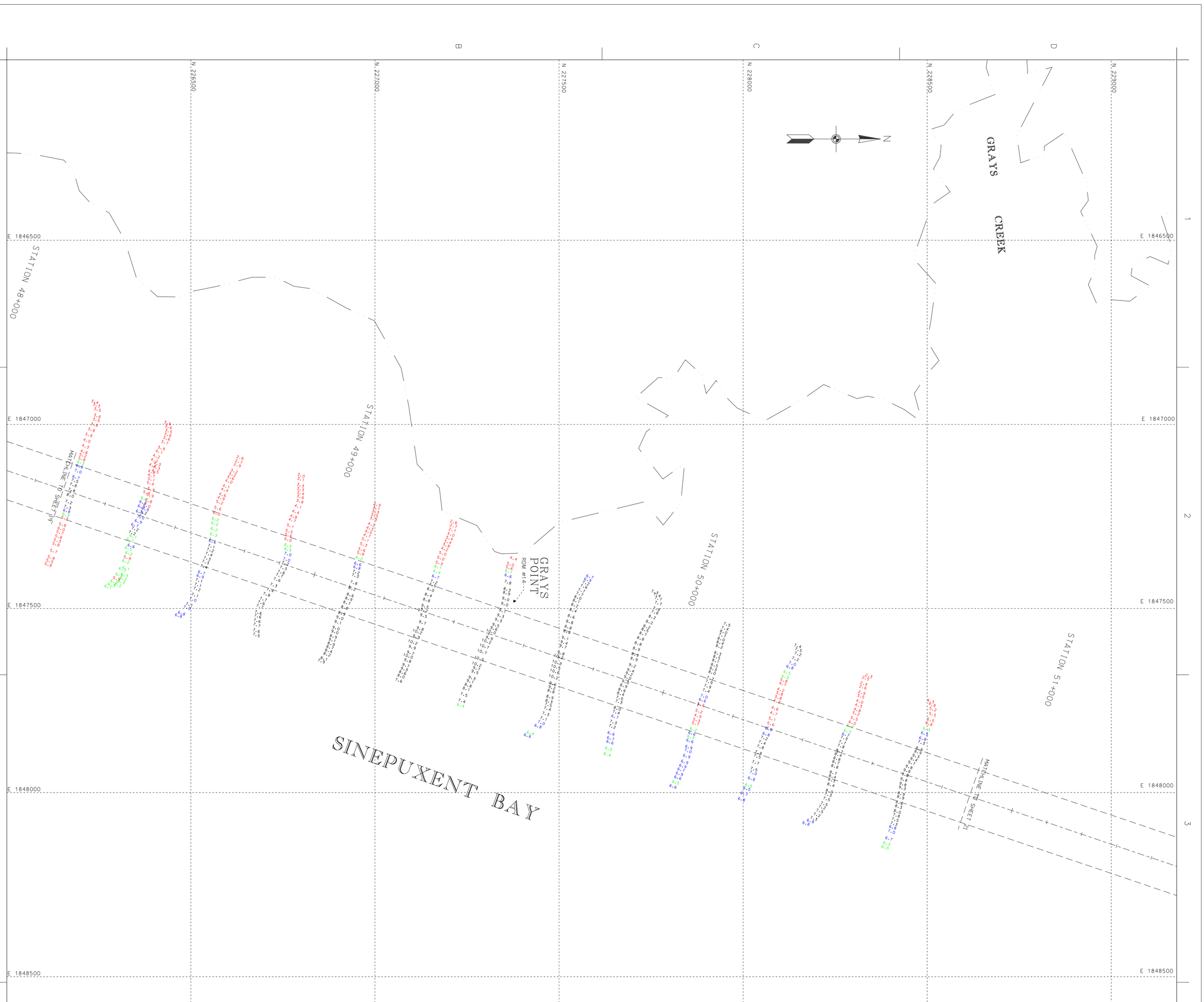
CONDITION SURVEY
SINEPUXENT BAY
STATION 45+900 TO 48+200

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no.: FILE-53 MAP-13-037	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C0525SMAR2013 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District



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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Sheet reference number: V-120
Sheet 20 of 28

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 48+300 TO 50+800

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE:53 MAP:13-038	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C0525SMAR2013 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District

TIDAL BENCH MARK

BENCH MARK IS EAGLE 1. THIS IS A STANDARD C.O.E. DISK STAMPED "EAGLE 1". TO REACH EAGLE ONE FROM BALTIMORE TAKE 97 SOUTH AND MERGE ONTO ROUTE 50. GO OVER THE BAY BRIDGE, CONTINUE TOWARDS OCEAN CITY ,PRIOR TO O.C. RTE 50 BRIDGE BEAR RIGHT AT RTE 611 TOWARDS ASSATEAGUE CONTINUE ONTO THE RD AND MAKE A LEFT AT EAGLES NEST RD CONTINUE 2.0 MILES TOWARDS THE CAMPGROUND, ON YOU FIRST 90 DEGREE ELBOW BEAR RIGHT THE SURVEY POINT IS ON THE LEFT HAND SIDE IN THE GRASS AREA , WHERE THE OLD FASHIONED WOODEN FENCE STARTS. ALUMNUM DISK SET IN CONCRETE 3 TENTHS BELOW GROUND SURFACE.

BENCH MARK ELEV. IS 4.34 FEET ABOVE MLLW FOR THE '83-01 TIDAL EPOCH.

CONTRACTOR NOTE

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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

GBN #13

MATCHLINE TO SHEET 22

STATION 53+000

STATION 52+000

STATION 51+000

MATCHLINE TO SHEET 20

SINEPUXENT BAY

GRAYS COVE

GRAYS CREEK

N 231000
N 230500
N 230000
N 229500
N 229000
N 228500

E 1846500
E 1847000
E 1847500
E 1848000
E 1848500
E 1849000
E 1849500
E 1850000

100 50 0 100 200FT
SCALE IN FEET

US Army Corps of Engineers
Baltimore District

Mark	Date	Description	Appr

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: JUNE '13	Rev.
Drawn by: JM	Chd by: SMC	Range No. no Full Set MAP15-039	
Approved by: SMC		Drawing code:	
Submitted by:		File Name=P:\Projects\MAP\2013\MAP15-039\Dwg\MAP15-039_SURVEY_SHEET_V-121.dgn	
Chief, Nav. Branch		Plot size:	
		Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 50+900 TO 53+200

Sheet reference number:
V-121
Sheet 21 of 28

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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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

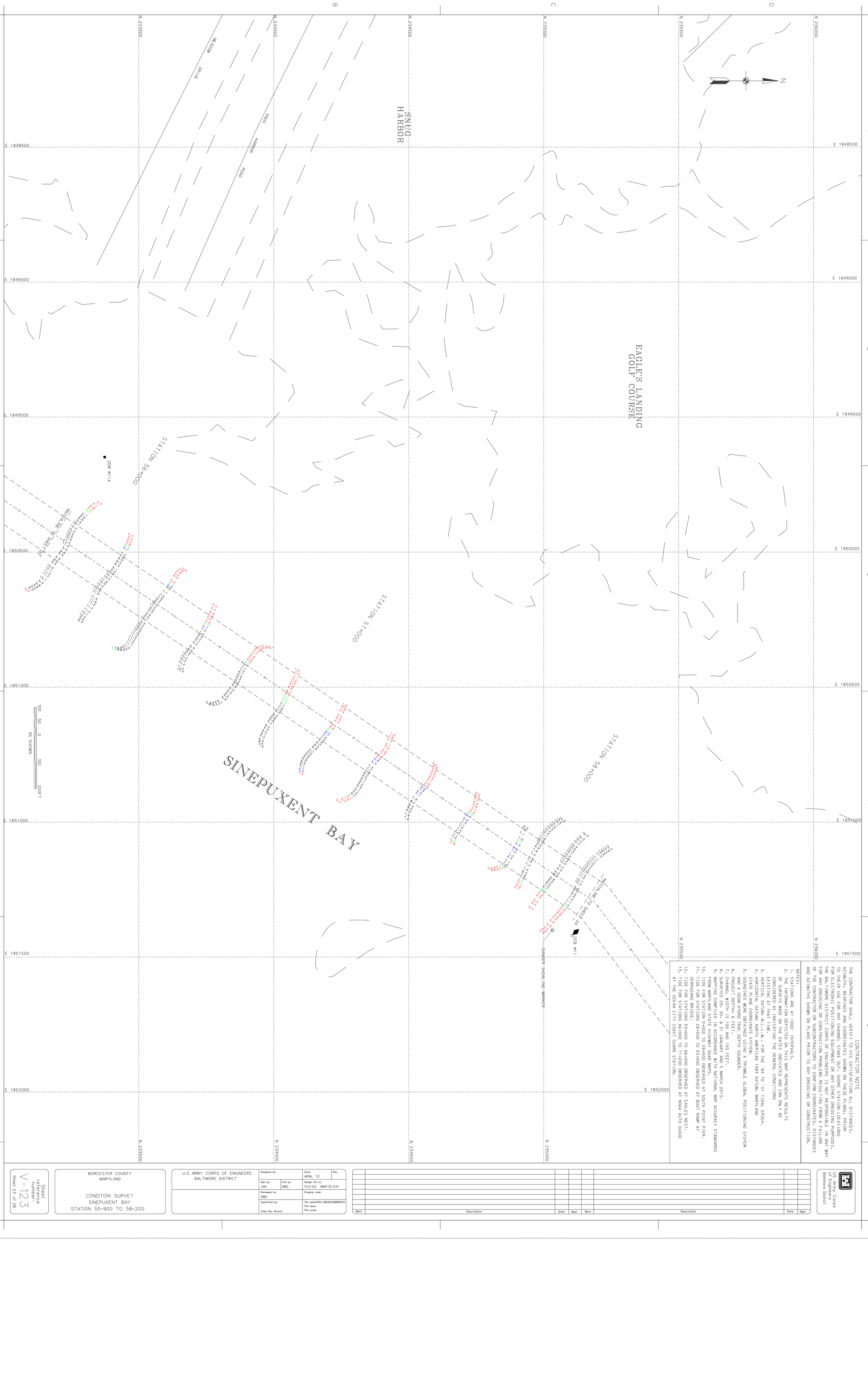
U.S. Army Corps of Engineers
Baltimore District

U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT			
Designed by:		Date: APRIL '13	Rev.
Dsn by: JAH	Ckd by: SMG	Design file no. FILE:53 MAP:13-040	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C05255MAR2013 Plot date: Plot scale:	

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 53+300 TO 55+800

Sheet reference number: V-122
Sheet 22 of 28



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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

Sheet reference number: V-123
Sheet 23 of 28

WORCESTER COUNTY
MARYLAND

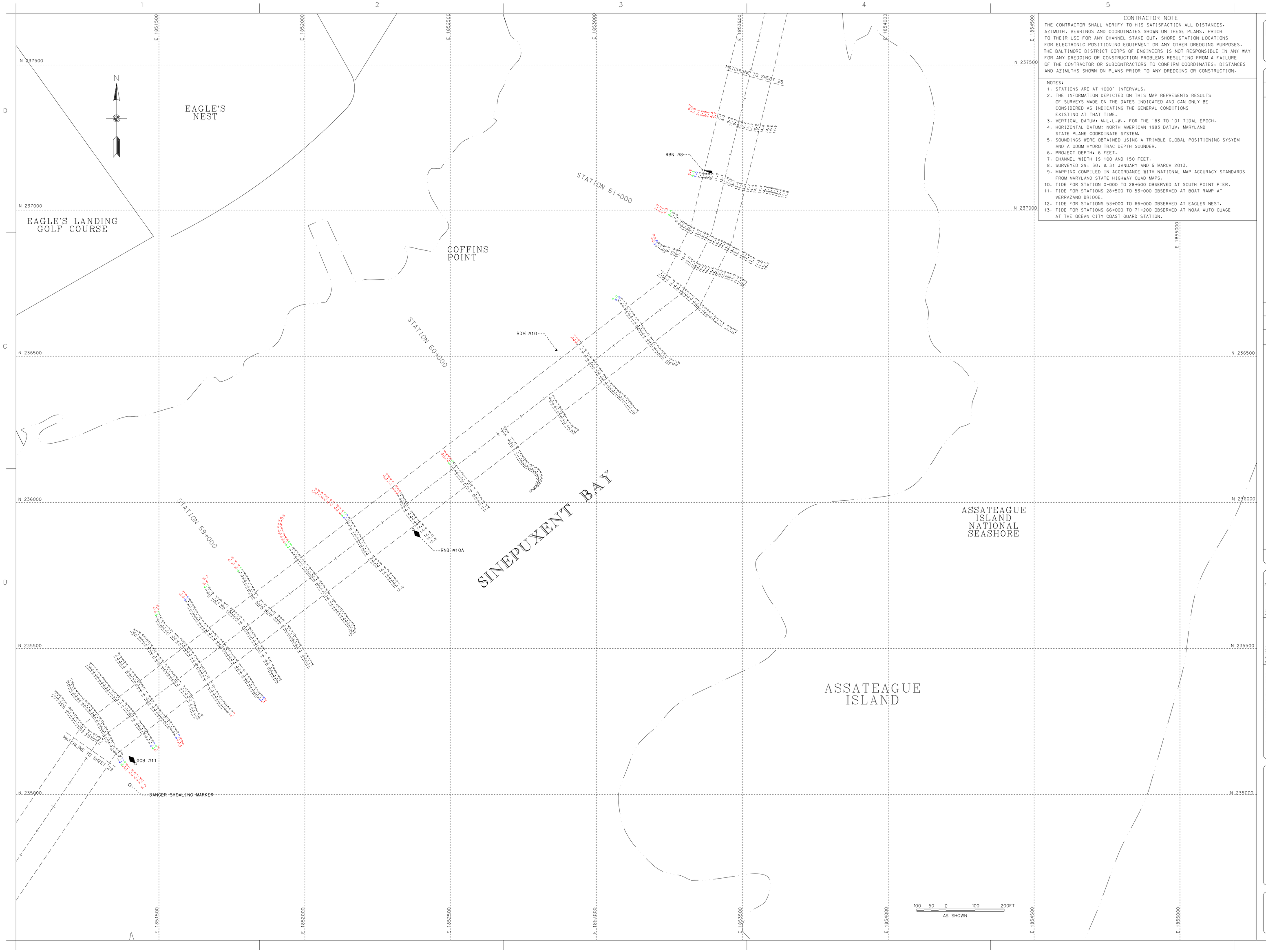
CONDITION SURVEY
SINEPUXENT BAY
STATION 55+900 TO 58+200

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: APRIL '13	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no.: FILE:53 MAP:13-041	
Reviewed by: SMG		Drawing code:	
Submitted by: Chief, Nav. Branch		File name:SH01_28C05255MAR2013 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District



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13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

US Army Corps of Engineers
Baltimore District

No.	Date	Description
1	Apr	
2	Mar	
3	Apr	
4	Date	Description

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

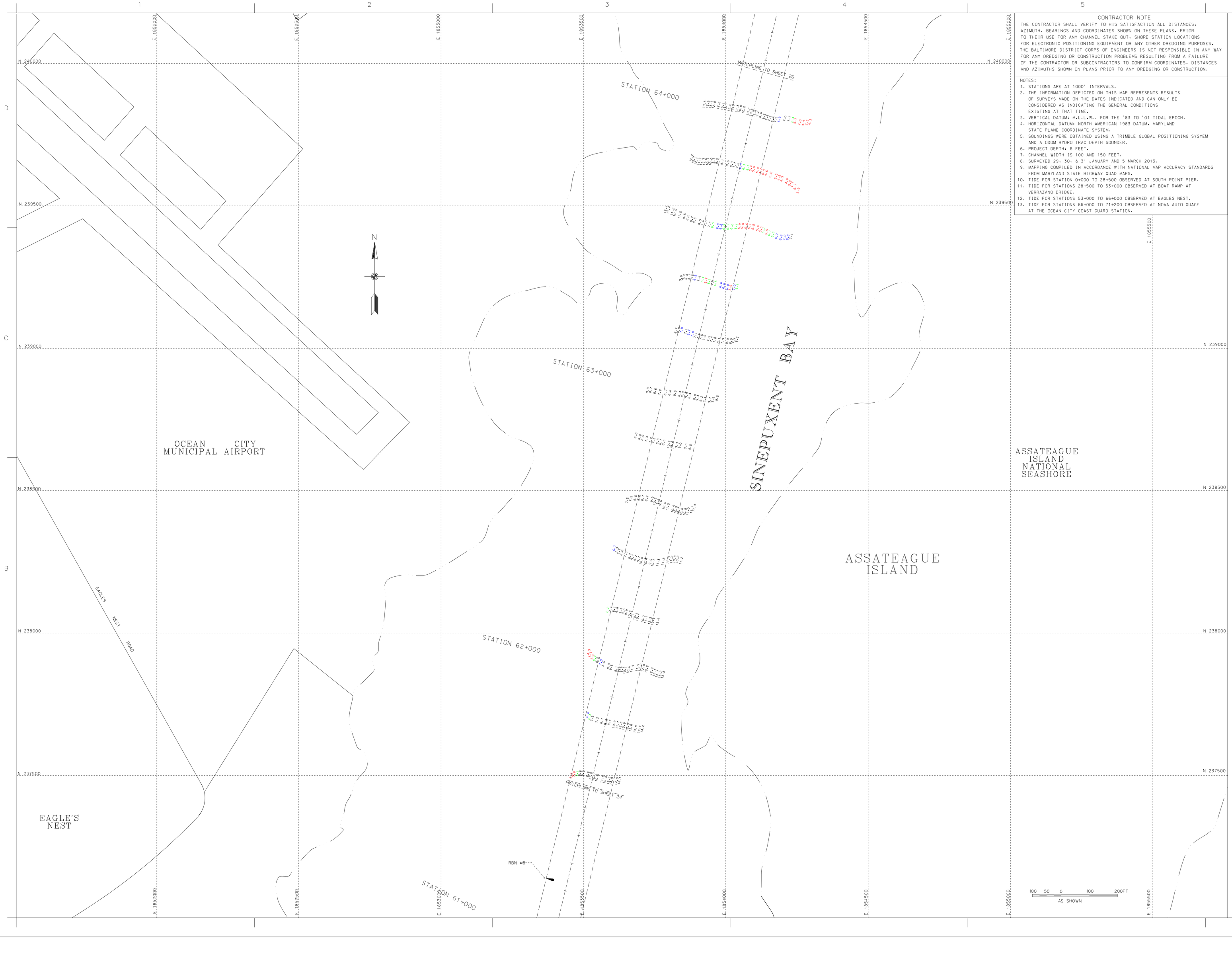
Designed by:
Date:
Drawn by:
Checked by:
Approved by: SMG
Submitted by:
Chief, Nav. Branch

Date: APRIL '13
Contract No. W912P8-13-D-0042
Design File No.
Drawing Number:
File name:P:\Projects\Worcester\Design\Plan Sheets\Plan Sheets.dgn
Plot date:
Plot name:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
OCEAN CITY INLET
STATION 58+300 TO 61+600

Sheet reference number:
V-124
Sheet 24 of 28



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US Army Corps of Engineers
Baltimore District

No.	Description	Date	Appr.
1	Mark	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date Surv:
Jan Apr 2013	Jan Apr 2013
Drawn by:	Submitted by:
SMO	Chief, Nav. Branch

Rev.:
Appr.: J.Dent
Design file name:
C:\CAD Files\12-043
Drawing name:
File name:OPEN_DATA\20130600000
Plot date:
Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 61+600 TO 64+100

Sheet reference number:
V-125
Sheet 25 of 28

TIDAL BENCH MARK

TIDAL BENCHMARK IS BENCH MARK KAY.
BENCHMARK IS A STANDARD SURVEY DISK STAMPED "KAY" FROM THE INTERSECTION OF OCEAN GATEWAY/US 50 AND GOLF COURSE RD, W OCEAN CITY, MARYLAND, GO S ON GOLF COURSE ROAD 0.6 MI TO SUNSET AVE INTERSECTION THEN CONTINUE ON GOLF COURSE ROAD FOR ABOUT 250' TO MONUMENT ON LEFT HAND SIDE IN GRASS AREA SET IN CONCRETE BLOCK 1' ABOVE GROUND. 27.8' S OF LIGHT POLE, 24.6' S OF POWER POLE, 20.0' W OF PILING.
ELEVATION IS 7.75' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH

CONTRACTOR NOTE

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Sheet reference number: V-126
Sheet 26 of 28

WORCESTER COUNTY
MARYLAND

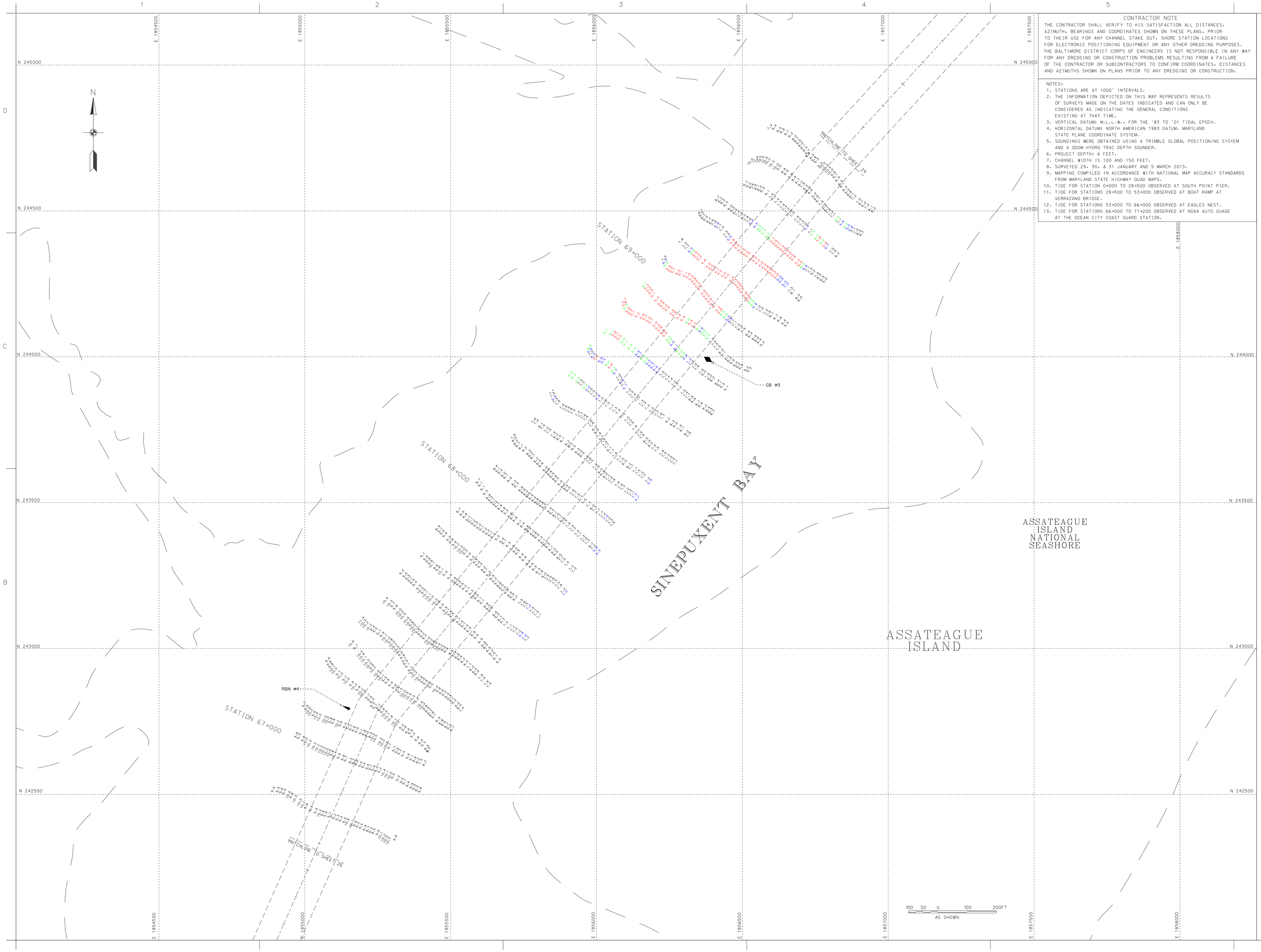
CONDITION SURVEY
SINEPUXENT BAY
STATION 64+200 TO 66+600

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date: APRIL '13	Rev.
Dwn by: JAH / Ckd by: SMG	Design file no. FILE:53 MAP:13-044	
Reviewed by: SMG	Drawing code:	
Submitted by: Chief, Nav. Branch	File name: SH01_28C052S5MAR2013 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps
of Engineers
Baltimore District



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. 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. SOUNDINGS WERE OBTAINED USING A TRIMBLE GLOBAL POSITIONING SYSYEM AND A ODOM HYDRO TRAC DEPTH SOUNDER.
6. PROJECT DEPTH: 6 FEET.
7. CHANNEL WIDTH IS 100 AND 150 FEET.
8. SURVEYED 29, 30, & 31 JANUARY AND 5 MARCH 2013.
9. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM MARYLAND STATE HIGHWAY QUAD MAPS.
10. TIDE FOR STATION 0+000 TO 28+500 OBSERVED AT SOUTH POINT PIER.
11. TIDE FOR STATIONS 28+500 TO 53+000 OBSERVED AT BOAT RAMP AT VERRAZANO BRIDGE.
12. TIDE FOR STATIONS 53+000 TO 66+000 OBSERVED AT EAGLES NEST.
13. TIDE FOR STATIONS 66+000 TO 71+200 OBSERVED AT NOAA AUTO GUAGE AT THE OCEAN CITY COAST GUARD STATION.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

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U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: | Dwn by: JAH | Ckd by: SMC | Reviewed by: SMC | Submitted by: | Chief, Nav. Branch

Date: APRIL 13 | Rev. | Design file no. FILE:53 MAP:13-045 | Drawing code: | File name:SHT_V00020SMM0000 | Plot date: | Plot scale:

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 66+700 TO 69+600

Sheet reference number:
V-127
Sheet 27 of 28

CONTRACTOR NOTE

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US Army Corps of Engineers
Baltimore District

No.	Description	Date
1	Mark	Appr
2	Date	Appr
3	Description	
4	Description	
5		

Designed by:	Date: APRIL 13	Rev.
Date by:	Cad by: SMC	Design file No.: FY13-01-MP15-046
Approved by: SMC	Submitted by:	Drawing number:
Chief, Nav. Branch		File name: MP_CNDSURVEY0000.dgn
		Proj. date:
		Proj. scale:

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

WORCESTER COUNTY
MARYLAND

CONDITION SURVEY
SINEPUXENT BAY
STATION 69+700 TO 71+905

Sheet reference number:
V-128
Sheet 28 of 28