TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK "857 1091 B TIDAL".
THE BENCH MARK IS A DISK SET FLUSH IN A CONCRETE ROAD DIVIDER LOCATED ON MAIN STREET, TWO BLOCKS FROM THE WATERFRONT ON THE EAST END OF THE ROAD DIVIDER, AND 52.0 FT SOUTH OF THE ENTRANCE TO THE L. FORBUSH & SONS HARDWARE COMPANY.

BENCH MARK ELEVATION 5.23' ABOVE MLLW FOR '83-'01 TIDAL EPOCH. ELEVATION COMPUTED USING GEOID12A.

BENCHMARK	MLLW
857 1091B TIDAL	5.51'
RON	5.59'
SOMERS	4.84'

VERTICAL DATUM

- MHW = 1.98
- NAVD88 = 1.15
- MLW = 0.12
- MLLW 0.00 ft

CRISFIELD HARBOR CHANNEL COORDINATES

RIGHT SIDE		CENTERLINE		LEFT SIDE	
1640895.30	118144.60	0+000.00	1640925.10 118104.40	1640954.80	118064.20
1639736.80	117287.30	1+424.27	1639780.20 117257.20	1639823.50	117227.10
1639329.90	115879.60	2+867.22	1639379.50 115871.00	1639572.70	116359.50
1639264.70	114815.00	3+936.12	1639314.20 114804.10	1639647.20	115203.40
1638753.20	113518.50	5+347.64	1638786.10 113491.10	1639915.20	114802.30
1636450.40	111099.20	8+705.30	1636481.20 111059.00	1639010.10	113406.70
1636010.70	110861.30	9+230.60	1636019.20 110809.00	1636329.90	110586.80
1633151.70	111368.80	12+151.77	1633145.00 111319.60	1635839.20	110460.10
				1633077.40	110950.30

CONTRACTOR NOTE

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NOTE:
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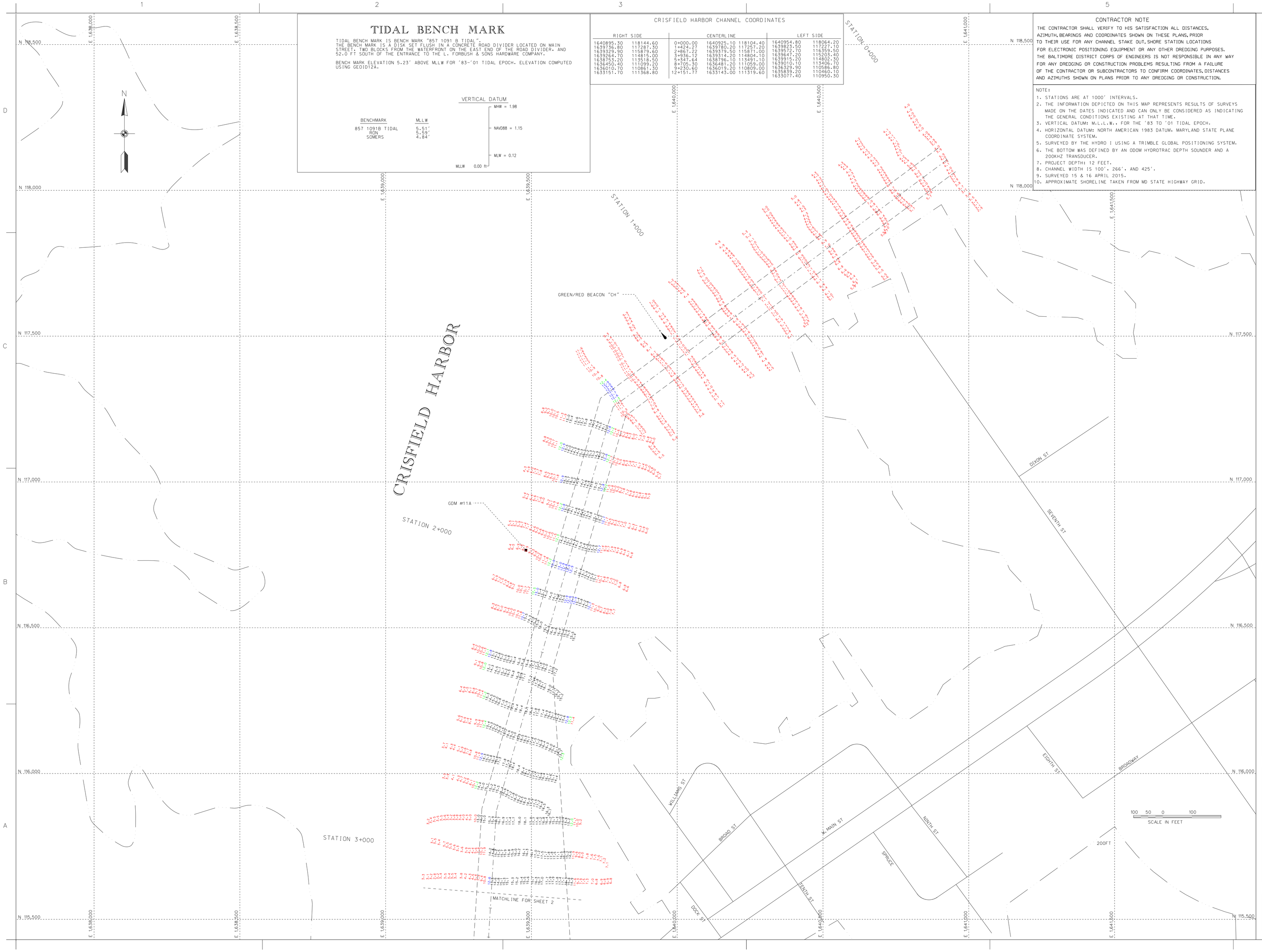
3. VERTICAL DATUM: M.L.L.W. FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM. MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO I USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM HYDROTRAC DEPTH SOUNDER AND A 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 12 FEET.
8. CHANNEL WIDTH IS 100', 266', AND 425'.
9. SURVEYED 15 & 16 APRIL 2015.
10. APPROXIMATE SHORELINE TAKEN FROM MD STATE HIGHWAY GRID.



US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date by:
Code by:
Drawing code:
Reviewed by:
Submitted by:
Chief, Nav. Branch

Date: 1.15
Design file no.
Drawing code: 15-001
File name: SMC-MDAMPS05
Plot date:
Plot scale:
Rev.

SOMERSET COUNTY
MARYLAND

CONDITION SURVEY
CRISFIELD HARBOR
STATION 0+000 TO 3+100

Sheet reference number:
V-101
Sheet 1 of 4

CONTRACTOR NOTE

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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

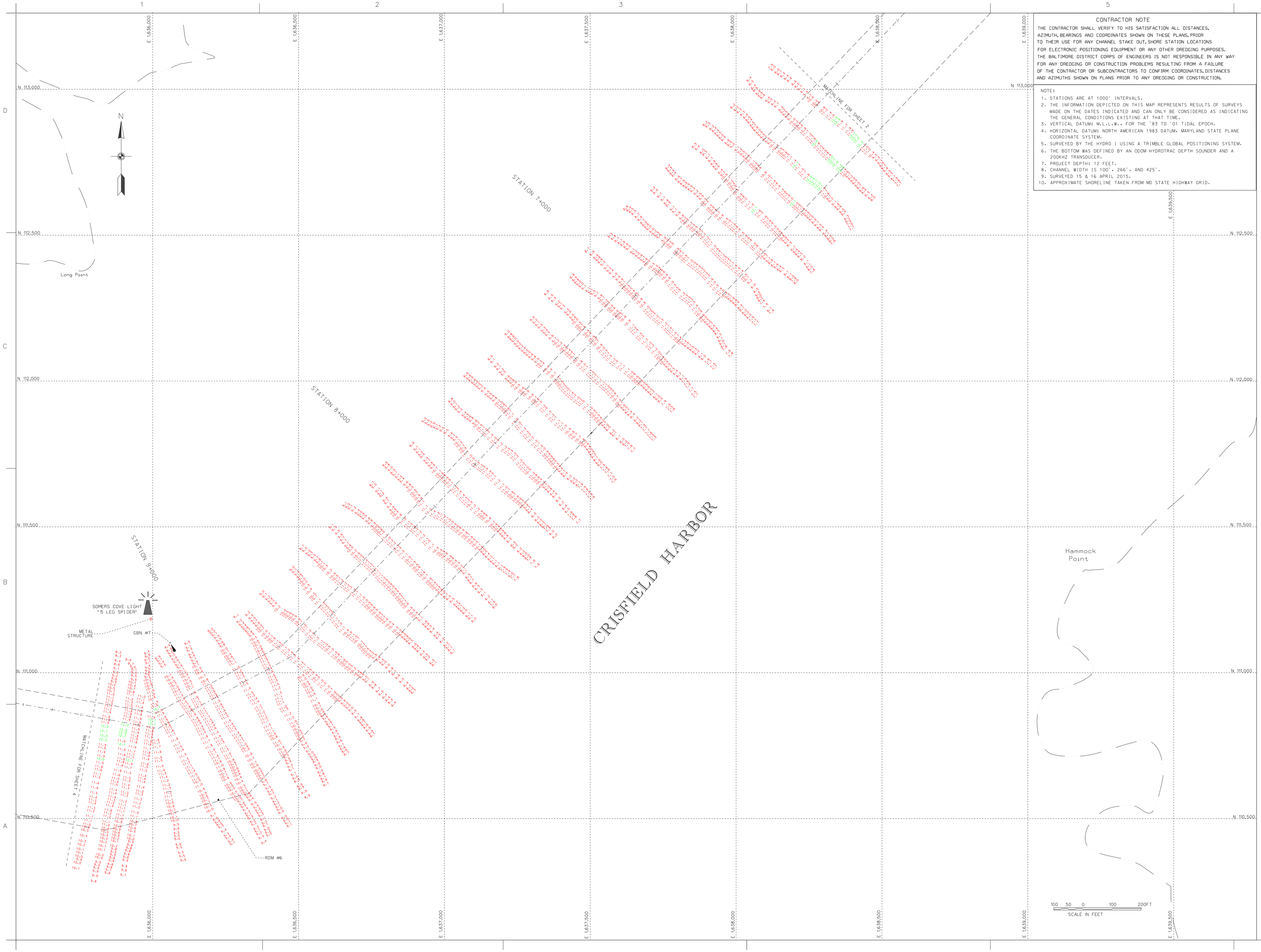
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date: APRIL 2015
Rev.
Tech by:
CAD by:
Design file no. 0415 & 0415-002
Drawing code:
Reviewed by: SAC
File name: SOMCASMAP0000
Plot scale:
Plot date:
Submitted by:
Chief, Nav. Branch

SOMERSET COUNTY
MARYLAND

CONDITION SURVEY
CRISFIELD HARBOR
STATION 3+200 TO 6+000

Sheet reference number:
V-102
Sheet 2 of 4



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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

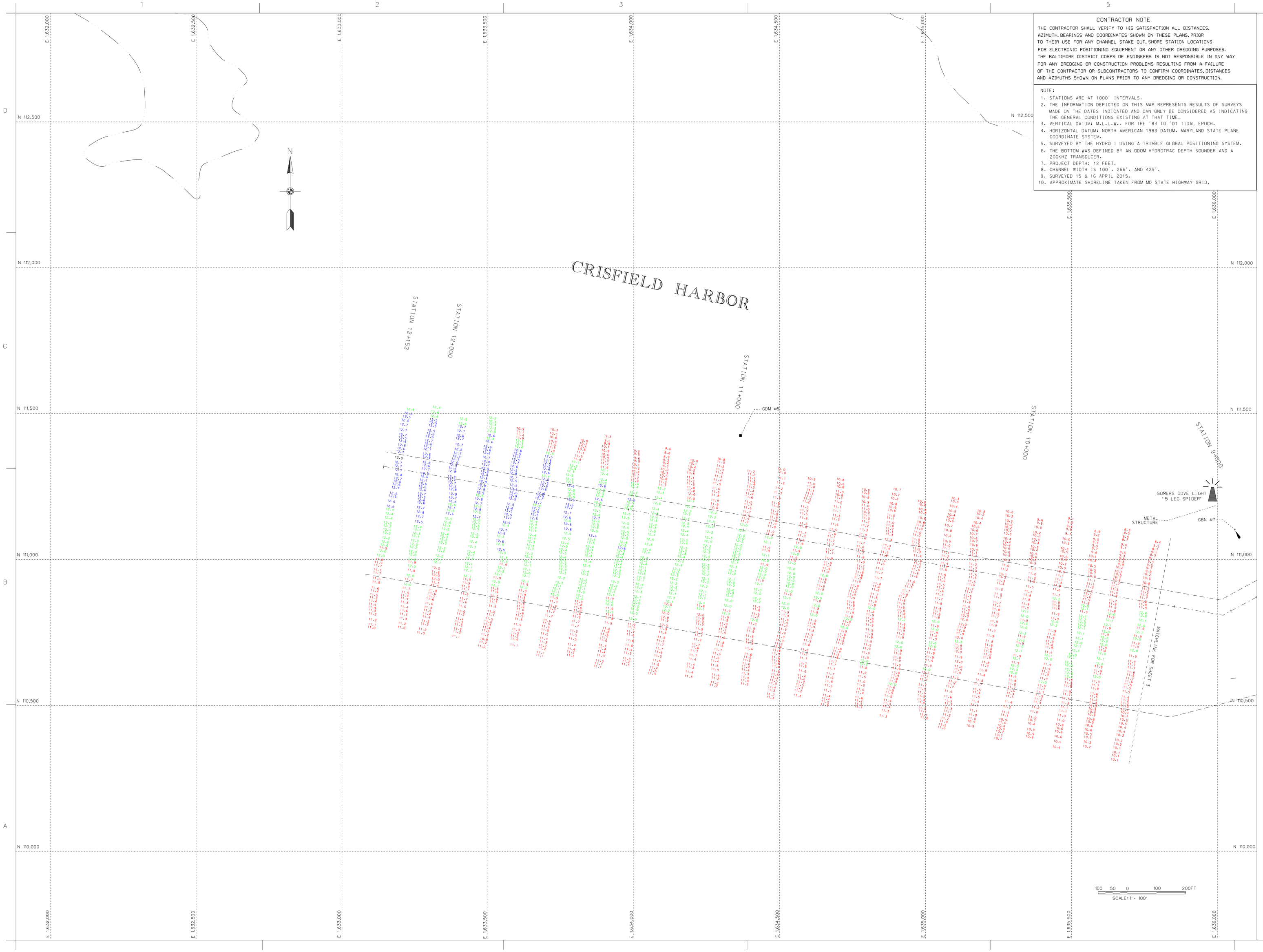
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date: '15
Rev.
Tech by:
CAD by:
Design file no.
FY15 A-B-C-D-15-003
Drawing code:
Reviewed by:
SAC
Submitted by:
Chief, Nav. Branch
File name: SMC_ACADAMDGN
Plot scale:
Plot date:

SOMERSET COUNTY
MARYLAND

CONDITION SURVEY
CRISFIELD HARBOR
STATION 6+100 TO 9+400

Sheet reference number:
V-103
Sheet 3 of 4



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Baltimore District

Mark	Description	Date	Appr.

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U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Date by:
Drawn by:
Checked by:
Reviewed by:
SUPV
Submitted by:
Chief, Hydr. Branch
Date: 2015
Design file no.
Drawing code:
File name: SOMCOVEHARBOR05
Plot date:
Plot scale:
Rev.

SOMERSET COUNTY
MARYLAND

CONDITION SURVEY
CRISFIELD HARBOR
STATION 9+500 TO 12+152

Sheet reference number:
V-104
Sheet 4 of 4