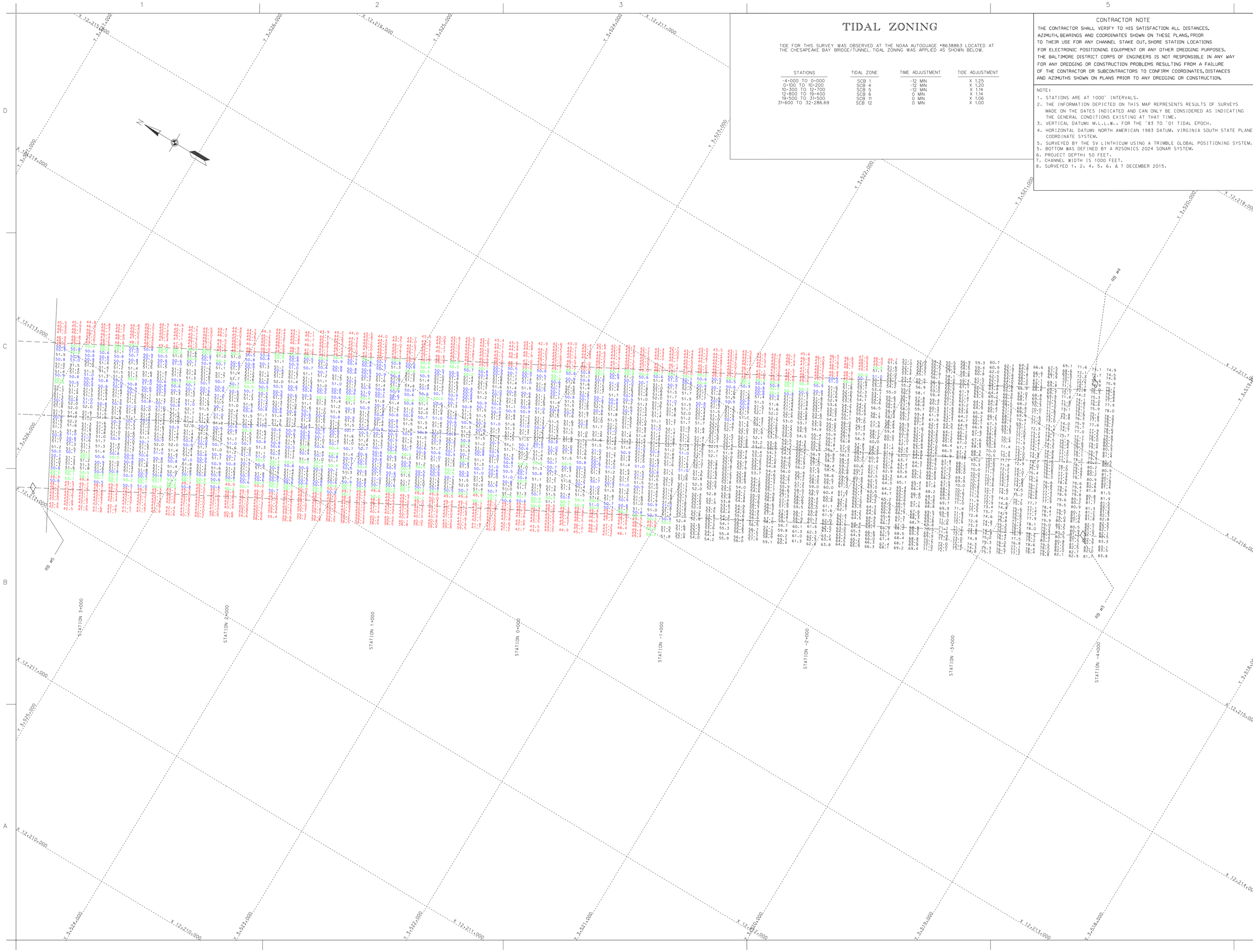

TIDAL ZONING

TIDE FOR THIS SURVEY WAS OBSERVED AT THE NOAA AUTOGUAGE #8638863 LOCATED AT THE CHESAPEAKE BAY BRIDGE/TUNNEL. TIDAL ZONING WAS APPLIED AS SHOWN BELOW.

STATIONS	TIDAL ZONE	TIME ADJUSTMENT	TIDE ADJUSTMENT
-4+000 TO 0+000	SCB 1	-12 MIN	X 1.25
0+100 TO 10+200	SCB 4	-12 MIN	X 1.20
10+300 TO 12+700	SCB 5	-12 MIN	X 1.14
12+800 TO 19+400	SCB 6	0 MIN	X 1.14
19+500 TO 31+500	SCB 11	0 MIN	X 1.06
31+600 TO 32+286.69	SCB 12	0 MIN	X 1.00

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. VIRGINIA SOUTH STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE SV LINTHICUM USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
5. BOTTOM WAS DEFINED BY A R2SONICS 2024 SONAR SYSTEM.
6. PROJECT DEPTH: 50 FEET.
7. CHANNEL WIDTH IS 1000 FEET.
8. SURVEYED 1, 2, 4, 5, 6, & 7 DECEMBER 2015.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

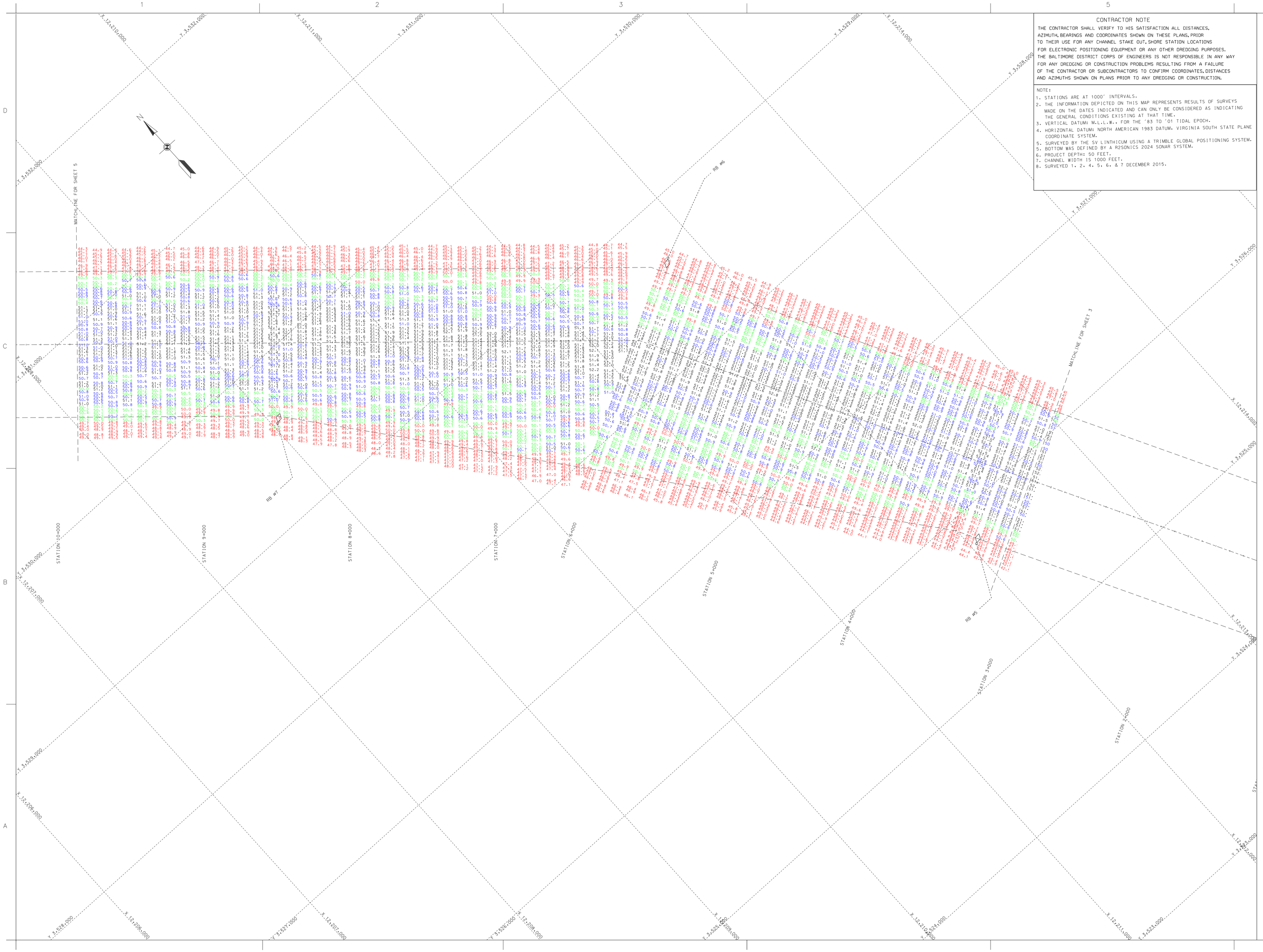
Designed by:
Dwn by: JJ
Ckd by: SMC
Reviewed by: SMC
Submitted by:
Chief, Nav. Branch

Date: DEC. '15
Rev.
Design file no. 16-025
Drawing code:
Per memo dated: 20NOV97
Plot date:
Plot scale:

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
CHESAPEAKE BAY CHANNEL
STATION 14+000 TO 32+200

Sheet reference number:
V 101
Sheet 1 of 5



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US Army Corps of Engineers
Baltimore District

Mark	Date	Appr.	Description

Mark	Date	Appr.	Description

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: JJ/KJ
Ckd by: SMD
Reviewed by: SMD
Submitted by:
Chief, Nav. Branch

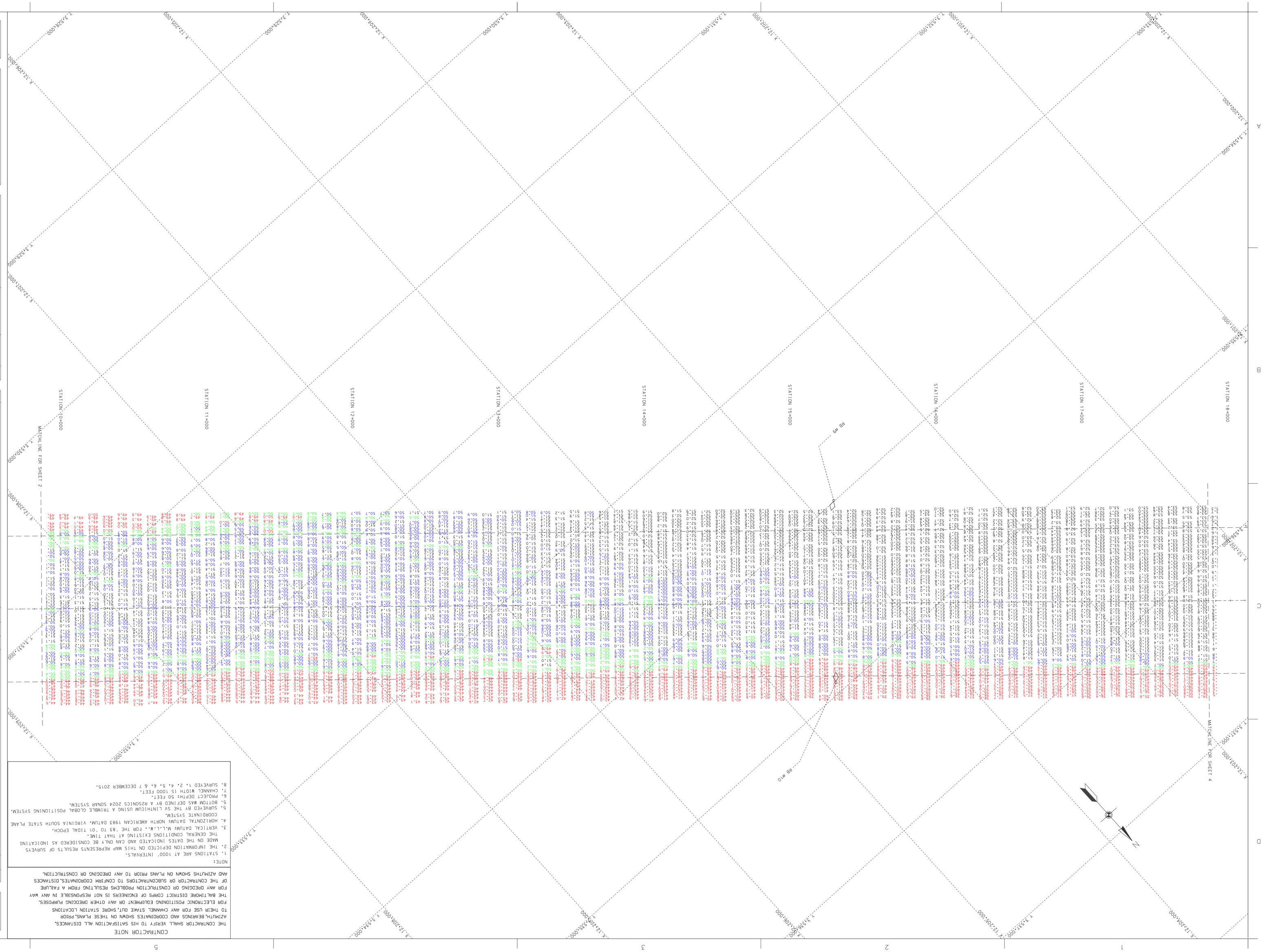
DEC. '15
Design file no.: F17 Y15 Map 14-016
Drawing code:
File name: Bm_Ch_20151207
Plot date:
Plot scale:

Rev.

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
OVERHAND CHANNEL
STATION 1+200 TO 9+800

Sheet reference number:
V 102
Sheet 2 of 5



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Date	Appr.	Mark	Description

Date	Appr.	Mark	Description

US Army Corps of Engineers Baltimore District

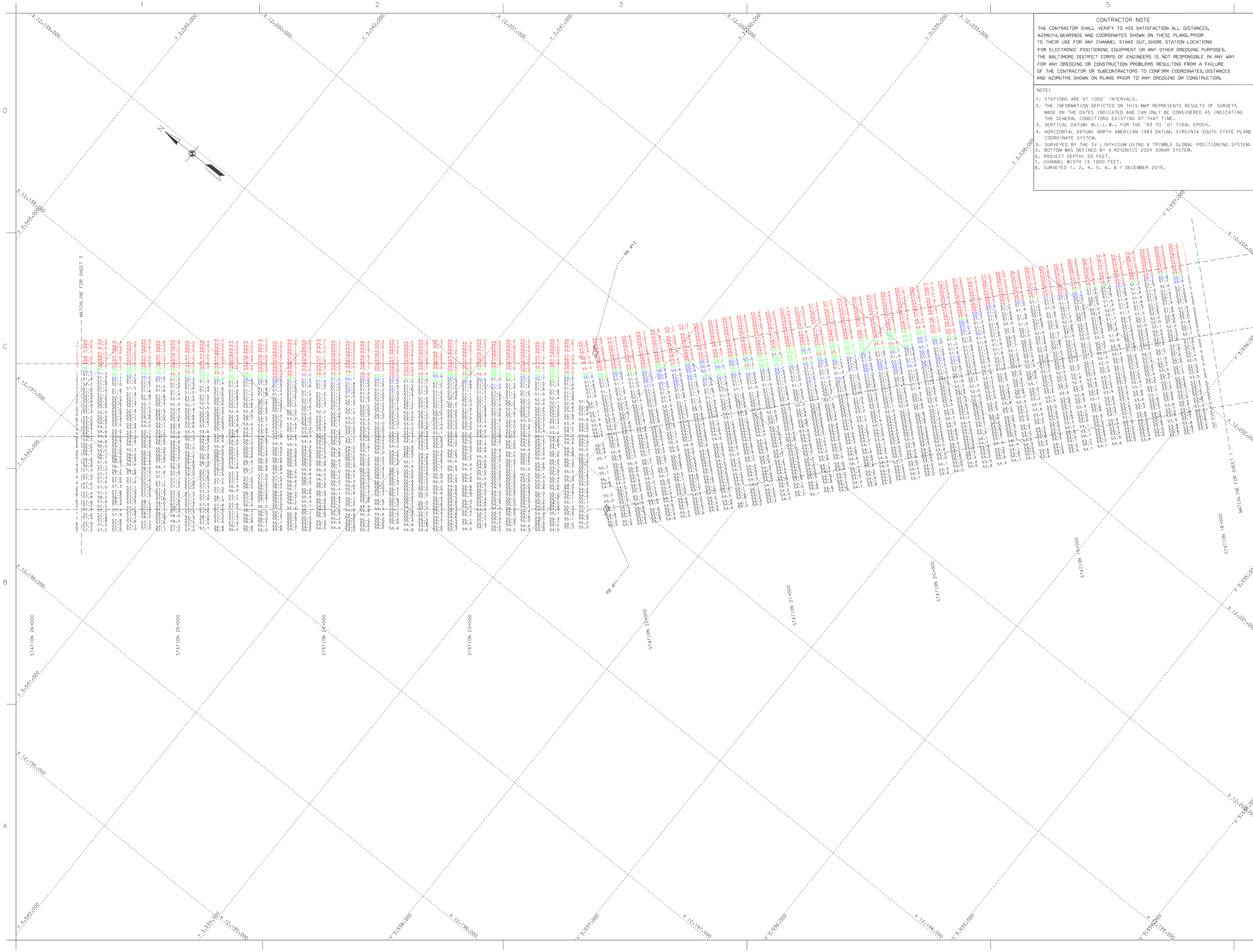
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: DEC. '15	Rev.
Dwn by:	Ckd by:	Design Dr. no.	
	SMD	FILE:Y:\Baltimore\	14-07
Reviewed by:		Drawing code:	
SMD			
Submitted by:		Plot scale:36.0x24.0(ANSI)D	
Chief, Nav. Branch		Plot date:	
		Plot time:	

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
CHAPMAN CHANNEL
STATION 10+000 TO 17+800

Sheet reference number:
V 103
Sheet 3 of 5



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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

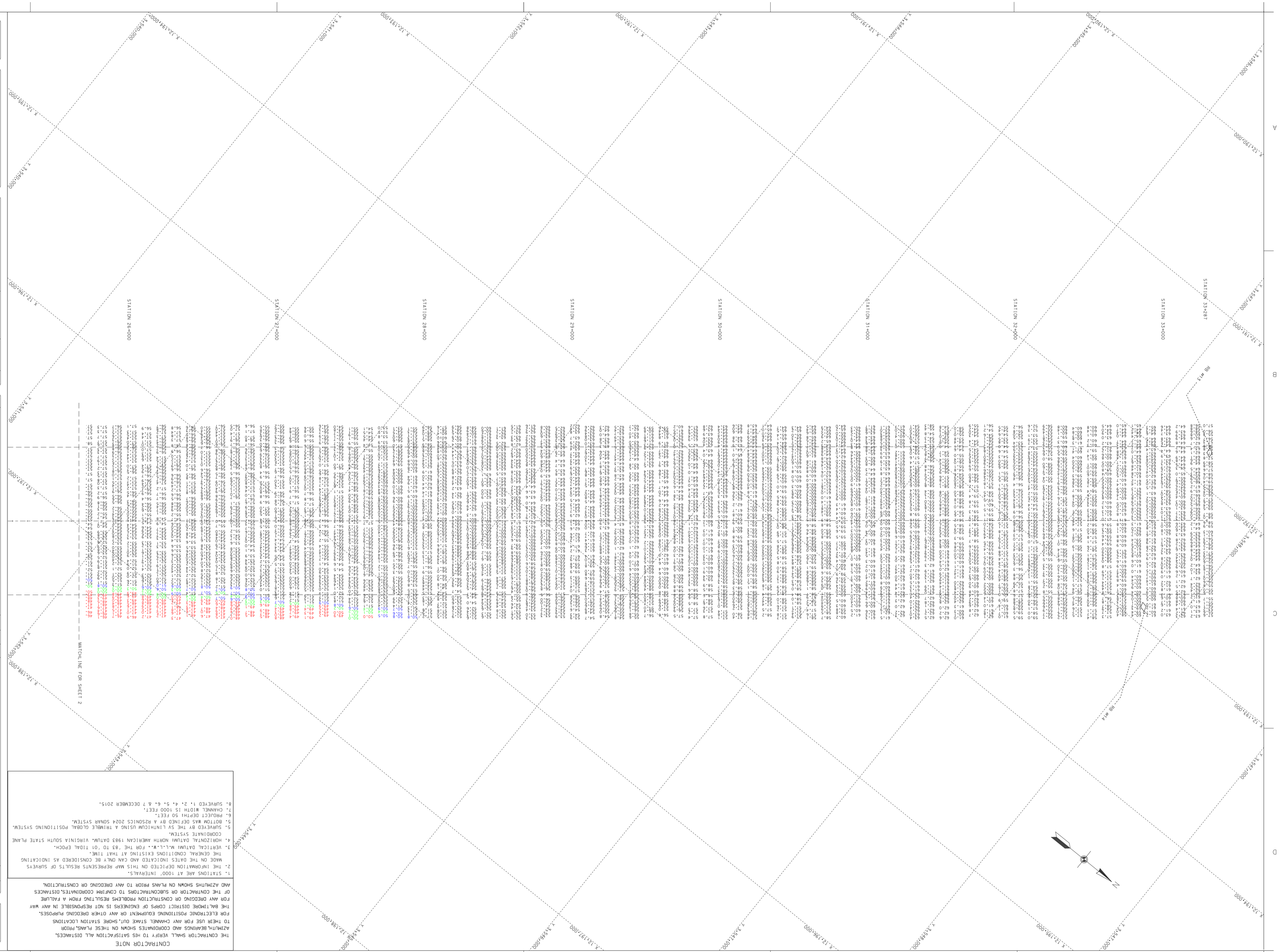
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: SMG
Ckd by: SMG
Reviewed by: SMG
Submitted by: Chief, Nav. Branch
Date: DEC. 15
Design file no.: 1-025 / Part: 14-028
Drawing number: Plot scale: Plot date:
Rev.

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
FOOT OF FORT CHANNEL
STATION 18+000 TO 29+500

Sheet reference number:
V 104
Sheet 4 of 5



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Date	Appr.	Date	Appr.

Description	Description

US Army Corps of Engineers Baltimore District

Nav.

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
CHESAPEAKE BAY CHANNEL
STATION 25+600 TO 33+287

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: DEC. '15	Rev.
Dwn by:	Ckd by: CMC	Design Dr. no.:	
Reviewed by: SMC		Project number: 14-05	
		Drawing code:	
Submitted by:		Re-submittal No.:N/A	
Chief, Nav. Branch		Pos date:	
		Pos scale:	

Sheet reference number:
V 105
Sheet 5 of 5