CRAIGHILL CHANNEL COORDINATES

STATION	BEARING	AZIMUTH	RIGHT SIDE		CENTERLINE		LEFT SIDE	
20+000.10	N 0 23 56.1 W	359 36 3.9	1484621.58	513220.93	1484282.73	511618.53	1483933.09	511565.49
21+600.10								
37+116.20	N 20 46 27.3 W	339 13 32.7	1484513.55	528736.65	1484163.56	528734.22	1483814.51	528697.08

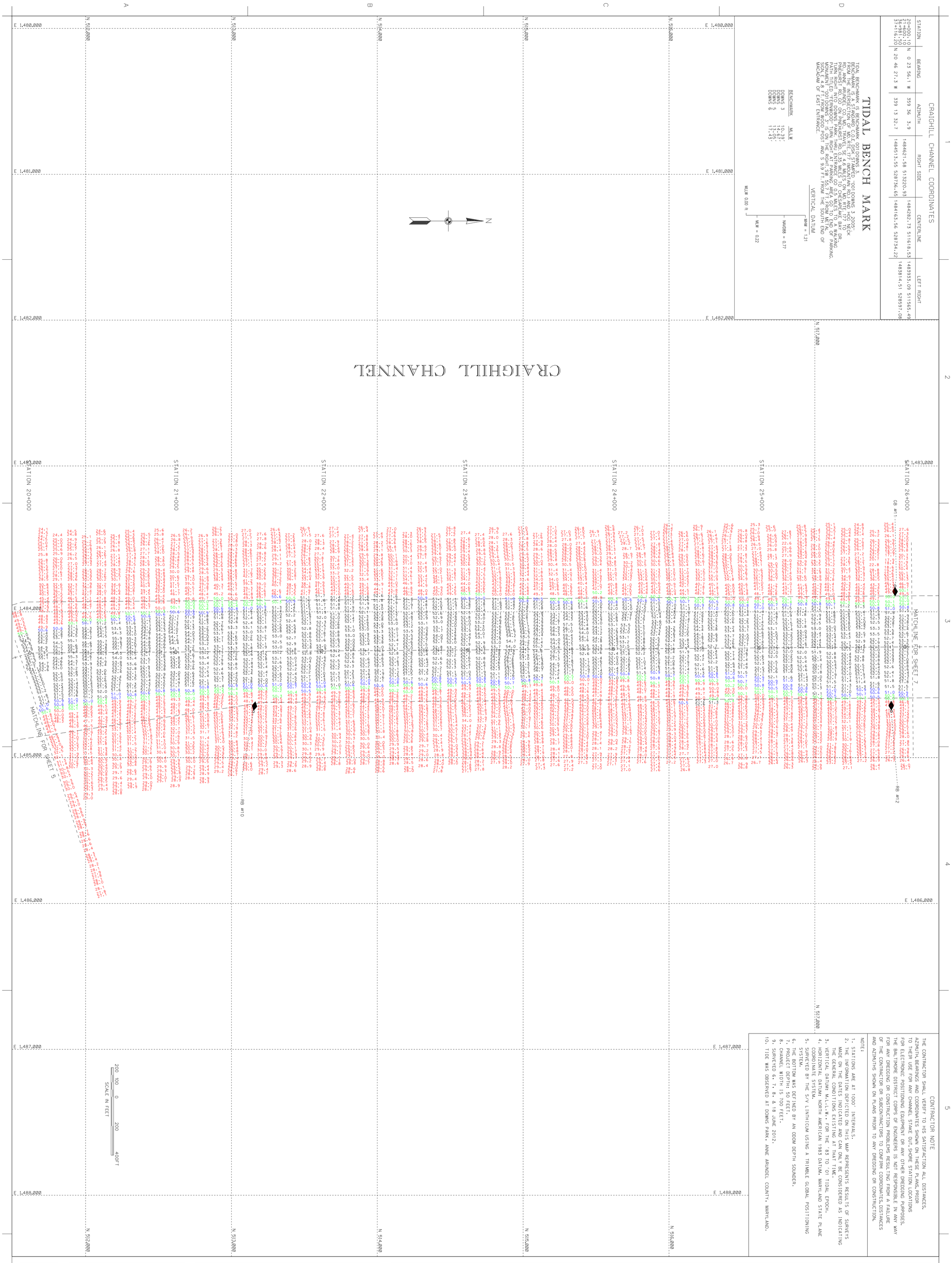
TIDAL BENCH MARK

TIDAL BENCHMARK IS BENCHMARK 001DOWNS 3.
BENCHMARK IS A STANDARD C.O.E. DISK STAMPED "001DOWNS 3 2005".
DOWNS IS LOCATED AT THE INTERSECTION OF MARTELLY WAY AND TRACK RD. ANNE ARUNDEL COUNTY, MD. TRAVEL SE 4.6 MILES ON MD. RTE. 177 TO PINEHURST RD. GO ON PINEHURST RD. 0.35 MILES TO CHESAPEAKE BAY DR., TURN RIGHT INTO DOWNS PARK. THRU ENTRANCE GO 0.5 MILES TO A WALKING PATH TITLED "TERWOOD TRAIL". PASS AROUND END OF PARKING. MONUMENT "001DOWNS 3" IS ON THE RIGHT SW 55.4 FT. FROM METAL SIGN. E 4.8 FT. FROM WOOD POST AND S 9.9 FT. FROM THE SOUTH END OF MACADAM OF EAST ENTRANCE.

BENCHMARK	MLLW
DOWNS 3	10.39'
DOWNS 5	14.67'
DOWNS 6	17.45'

VERTICAL DATUM

MHHW = 1.21
NAVD88 = 0.77
MLW = 0.22
MLLW 0.00 ft



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 S/V LINTHICUM USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM DEPTH SOUNDER.
7. PROJECT DEPTH: 50 FEET.
8. CHANNEL WIDTH IS 700 FEET.
9. SURVEYED 6, 7, 8, & 18 JUNE 2012.
10. TIDE WAS OBSERVED AT DOWNS PARK, ANNE ARUNDEL COUNTY, MARYLAND.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

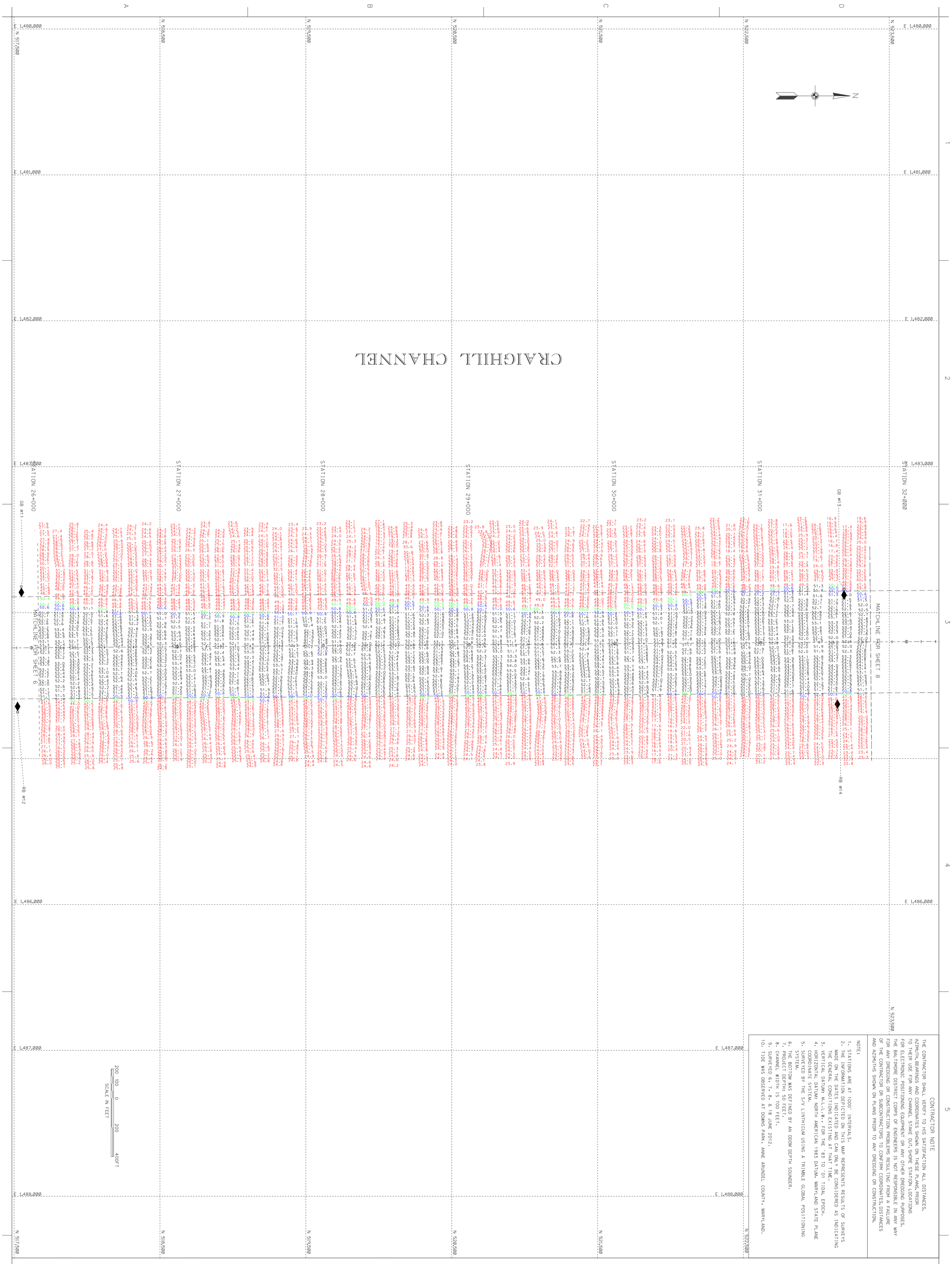
Designed by:		Date: JUNE '12
Dwn by: JAH	Ckd by: SMG	Design file no. FILE: 17 MAP: 12-156
Reviewed by: SMG		Drawing code:
Submitted by:		File name: SH06_08C1CC08JUN2012 Plot date: Plot scale:

Rev.

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
CRAIGHILL CHANNEL
STATION 20+000 TO 26+000

Sheet reference number: V 106
Sheet 6 of 59



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Sheet reference number: V 107
Sheet 7 of 59

BALTIMORE HARBOR
MARYLAND

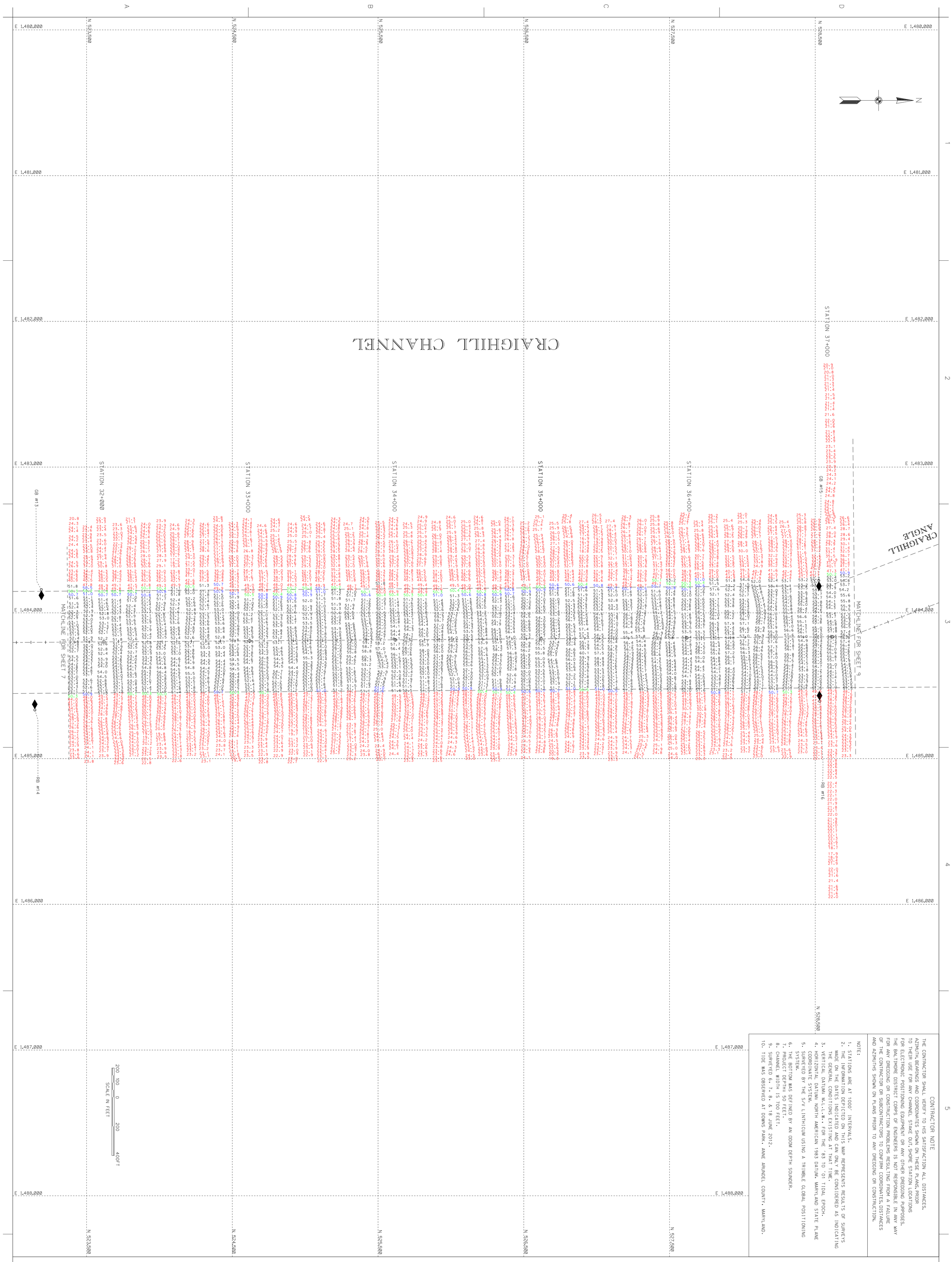
CONDITION SURVEY
CRAIGHILL CHANNEL
STATION 26+000 TO 31+700

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:		Date: JUNE '12	Rev.
Dwn by: JAH	Ckd by: SMG	Design file no. FILE: 17 MAP: 12-157	
Reviewed by: SMG		Drawing code:	
Submitted by:		File name: SH06_08C1CC08JUN2012 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District



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Sheet reference number: V 108
Sheet 8 of 59

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
CRAIGHILL CHANNEL
STATION 31+700 TO 37+100

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:	Date: JUNE '12	Rev.
Dwn by: JAH / Ckd by: SMG	Design file no. FILE: 17 MAP: 12-158	
Reviewed by: SMG	Drawing code:	
Submitted by:	File name: SH06_08C1CC08JUN2012 Plot date: Plot scale:	

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

US Army Corps of Engineers
Baltimore District