TIDAL BENCHMARK

TIDAL BENCHMARK IS BENCH MARK POT. BENCHMARK IS A STANDARD D15K STAMPED "USNA". AT THE INTERSECTION OF MD. RTES. 70 (ROWE BLVD.) AND 435 (TAYLOR AVE.) IN ANNAPOLIS. MD.. GO NORTHEAST ON RTE 435 TO MD. RTE. 450 (KING GEORGE ST.). TURN RIGHT. GO ABOUT 1.1 MILES TO BROWNSON RD.. TURN LEFT. GO 0.34 MILES TO SANTEE RD.. TURN LEFT. TRAVEL ALONG SANTEE BASIN IN THE END OF INLET. MONUMENT "POT" IS ON THE RIGHT IN THE CONC. CURB. NW 43.2 FT. FROM A FIRE HYDRANT. SW 25.43 FT. FROM THE SW CORNER OF A FLOATING DOCK AND WSW 42.06 FT. FROM THE SE CORNER OF SAID DOCK.

BENCHMARK ELEV. IS 5.23' ABOVE MLLW FOR THE 2010 TIDAL EPOCH. COMPUTED USING GEOID12B.

VERTICAL DATUM

BENCHMARK	MLLW
POT	5.23'
APARK	4.62'
317 BANCROFT	23.95'

MHW = 1.18
NAVD88 = 0.73
MLW = 0.21
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.

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. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM. MARYLAND STATE PLANE COORDINATE SYSTEM.
4. SOUNDINGS WERE OBTAINED USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
5. PROJECT DEPTH: 12 AND 15 FEET.
6. CHANNEL WIDTH IS 100 FEET.
7. SURVEYED 3 SEPTEMBER 2015.
8. SHORELINE MAPPING COMPILED BY ASM TECHNOLOGIES. INC. IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM AERIAL PHOTOGRAPHY TAKEN ON FEBRUARY 2. 1993.
9. TIDE WAS READ FROM THE NOAA TIDE GUAGE AT THE NAVAL ACADEMY.

LEGEND

- BUILDING
- POLE, PILING
- MOORING BUOY
- RETAINING WALL
- EDGE OF WATER
- EDGE OF PAVEMENT

ANNAPOLIS HARBOR CHANNEL COORDINATES

LEFT TOE			CENTERLINE			RIGHT TOE		
STATION	EASTING	NORTHING	STATION	EASTING	NORTHING	STATION	EASTING	NORTHING
0+000.00	1462226.76	477976.80	0+000.00	1462218.67	478026.14	0+000.00	1462210.58	478075.48
2+877.89	1459386.78	477511.22	2+894.62	1459362.18	477557.84	2+911.35	1459337.58	477604.49
3+502.19	1458955.65	477059.68	3+573.85	1458893.13	477066.58	3+645.52	1458830.58	477073.49
4+084.70	1459256.34	476560.78	4+211.98	1459222.54	476520.04	4+339.27	1459188.68	476479.31

SPA CREEK CHANNEL COORDINATES

LEFT TOE			CENTERLINE			RIGHT TOE		
STATION	EASTING	NORTHING	STATION	EASTING	NORTHING	STATION	EASTING	NORTHING
0+000.00	1460299.94	477660.92	0+000.00	1460273.41	477707.24	0+000.00	1460149.46	477636.25
1+802.17	1459148.58	476274.49	1+820.88	1459110.10	476306.41	1+687.07	1459071.64	476338.37

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Designed by: Date: 10/2015
Drawn by: Code by: Design file no: C:\Projects\ASM-10-001
Reviewed by: Drawing code:
Submitted by: Chief, Nav. Branch
File name: NAV_CAN_20150903
Plot date:
Plot scale:

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

ANNE ARUNDEL COUNTY
MARYLAND

CONDITION SURVEY
ANNAPOLIS HARBOR
AND SPA CREEK CHANNELS

Sheet reference number:
V-101
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