TIDAL BENCH MARK

TIDAL BENCHMARK IS BENCHMARK 4680 B 1997.
BENCHMARK IS AN ALUMINUM ALLOY ROD IN SLEEVE STAMPED "4680 B 1997".
THE BENCH MARK IS LOCATED IN THE LAWN ON THE NORTH SIDE OF THE US CORPS OF ENGINEERS FT MCHENRY, 911FT SE OF POWER POLE NUMBER 816425 ON THE EAST SIDE OF THE PARKING LOT, 80.6 FT SW OF THE SEAWALL, AND 15.7 FT NNE OF THE NE FACE OF THE OFFICE BUILDING. THE POINT IS SET 0.4 FT BELOW GROUND.

BENCHMARK	MLLW
4680 B 1997	5.35'
BARNES	5.39'
FORT MCHENRY	5.37'

VERTICAL DATUM

MHW = 1.38
NAVD88 = 0.83
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.

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 CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M.L.L.W.. FOR THE 1983 TO 2001 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM. MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE S/V LINTHICUM USING AN TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN R2SONIC SONAR SYSTEM.
7. PROJECT DEPTH IS 36 FEET.
8. CHANNEL WIDTH IS 400 FEET.
9. SURVEYED 23, 28, & 30 JANUARY AND 23 FEBRUARY 2012.
10. SHORELINE TAKEN FROM ADR AERIAL DATA, DATED JULY 1990.
11. TIDE OBSERVED AT FT. MCHENRY.
11. LOCATION OF NAVIGATIONAL AIDS IS CURRENT AS OF 5 MARCH 2010.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

Designed by: Dwn by: Ckd by: Reviewed by: SMG Submitted by: Chief, Nav. Branch
Date: DEC. 12
Rev.
Design file name: 1-111
Drawing code:
File name:BCEX12FLBA02
Plot date:
Plot scale:

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
SOUTH LOCUST POINT CHANNELS

Sheet reference number:
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