TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK 4680 B 1997. BENCH MARK 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, 91.1 FT 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.

BENCH MARK ELEV. IS 5.47' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.

BENCHMARK	MLLW
4680 B 1997	5.47'
BARNES	5.52'
FORT MCHENRY	5.51'

VERTICAL DATUM

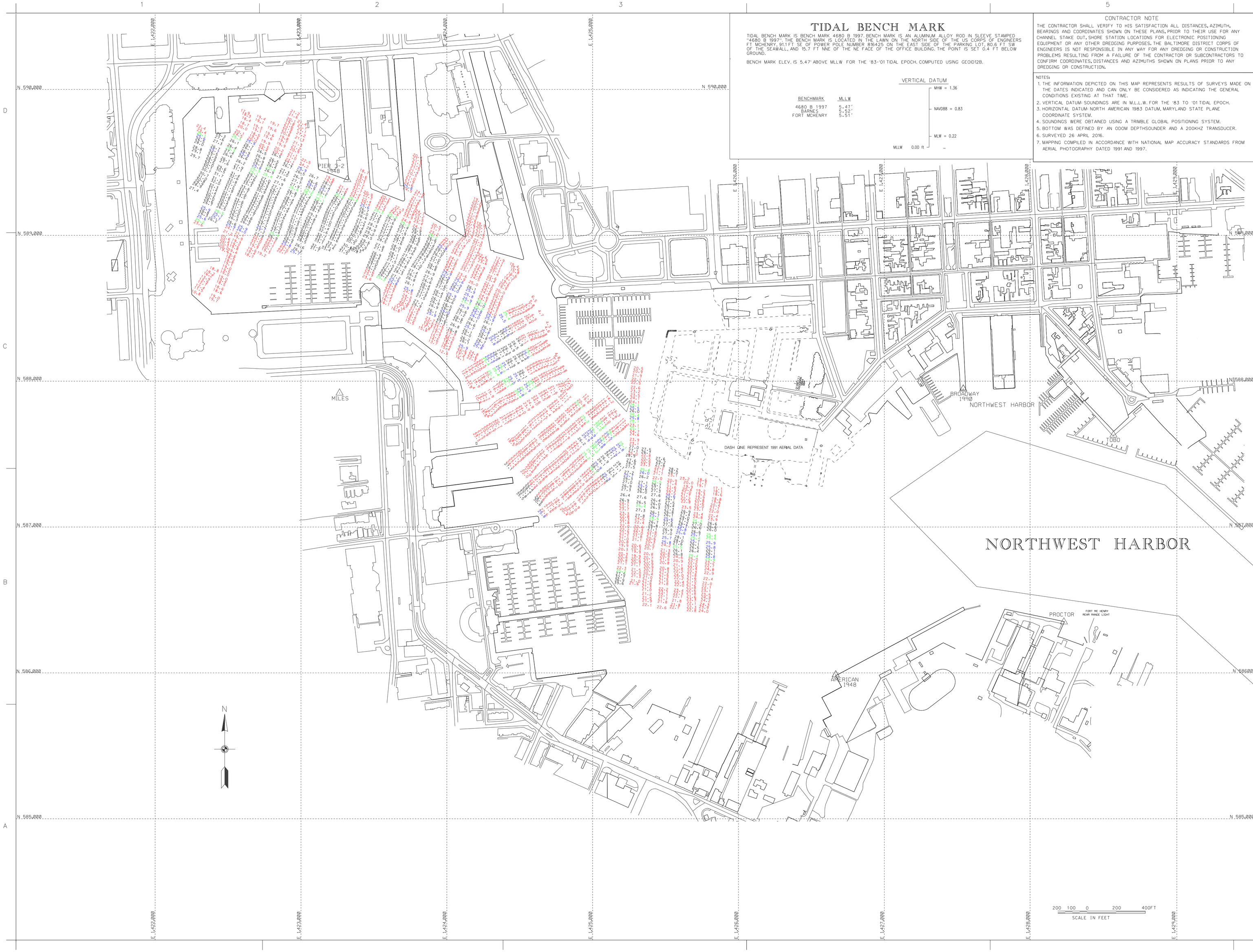
- MHW = 1.36
- NAVD88 = 0.83
- MLW = 0.22
- MLLW 0.00 ft

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.

NOTES:

1. 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.
2. VERTICAL DATUM: SOUNDINGS ARE IN M.L.L.W. FOR THE '83 TO '01 TIDAL EPOCH.
3. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
4. SOUNDINGS WERE OBTAINED USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
5. BOTTOM WAS DEFINED BY AN ODOM DEPTHSOUNDER AND A 200KHZ TRANSDUCER.
6. SURVEYED 26 APRIL 2016.
7. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM AERIAL PHOTOGRAPHY DATED 1991 AND 1997.



US Army Corps of Engineers
Baltimore District

Rev.	Date	Appr.	Description

Designed by:
Date by: 1/16
Cad by: SMG
Reviewed by: SMG
Submitted by:
Chief, Nav. Branch

Date: '16
Design file no.: 1-01-01-01-01-079
Drawing code:
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U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
INNER HARBOR

Sheet reference number:
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Sheet 24 of 59