GUEENSTOWN HARBOR CHANNEL COORDINATES

RIGHT SIDE EASTING	RIGHT SIDE NORTHING	STATION	CENTERLINE EASTING	CENTERLINE NORTHING	LEFT SIDE EASTING	LEFT SIDE NORTHING
1434400.63	579257.78	0+000.00	1434403.10	578957.79	1434469.33	578329.16
1426500.86	579192.68	7+900.05	1426503.33	578892.69	1433287.08	578648.59
					1426805.79	578595.17
					1426503.33	578892.69

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

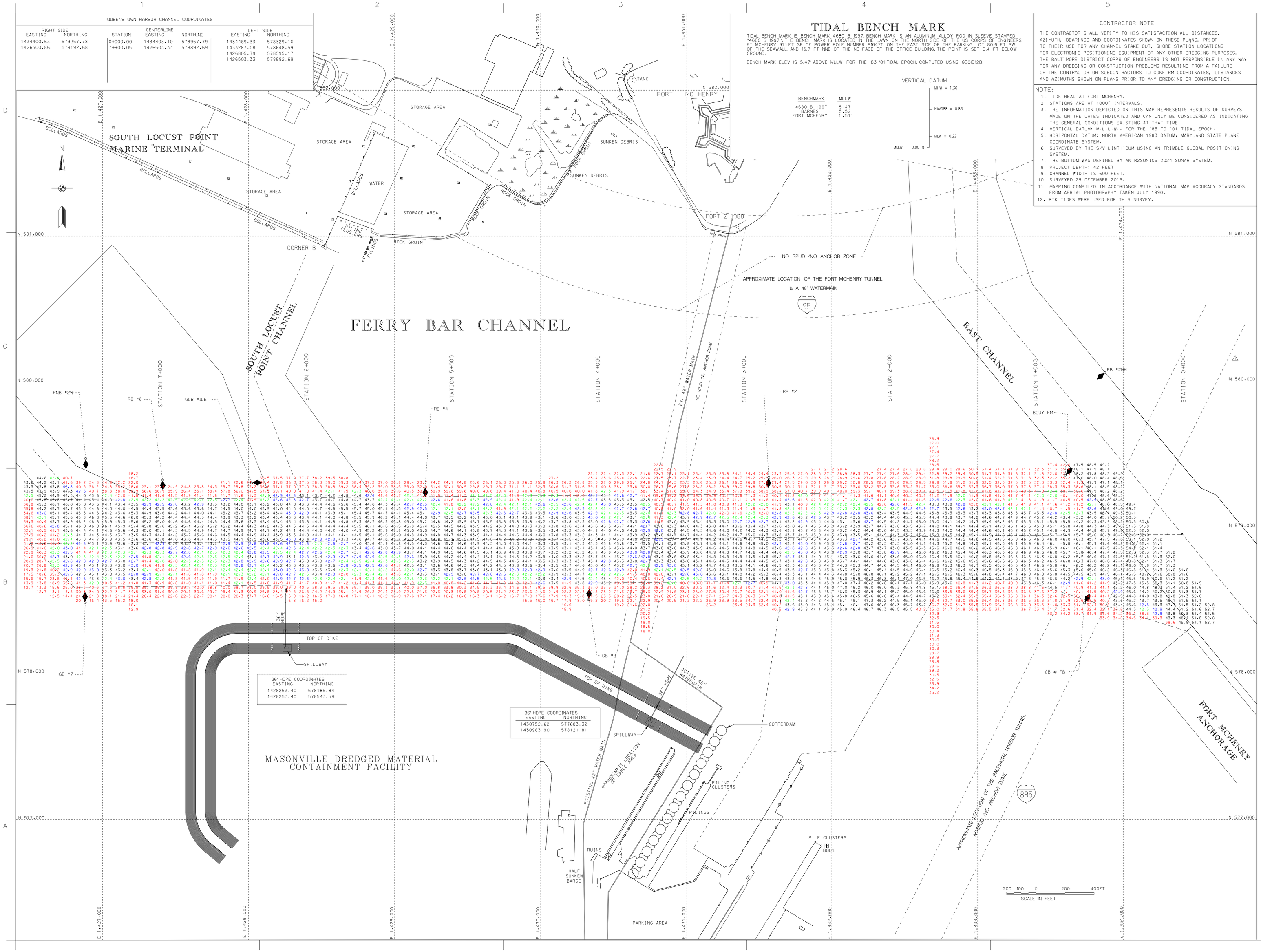
MHW = 1.36
NAVD88 = 0.83
MLW = 0.22
MLLW 0.00 ft

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.

NOTE:

1. TIDE READ AT FORT MCHENRY.
2. STATIONS ARE AT 1000' INTERVALS.
3. 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.
4. VERTICAL DATUM: M.L.L.W.. FOR THE '83 TO '01 TIDAL EPOCH.
5. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM. MARYLAND STATE PLANE COORDINATE SYSTEM.
6. SURVEYED BY THE S/V LINTHICUM USING AN TRIMBLE GLOBAL POSITIONING SYSTEM.
7. THE BOTTOM WAS DEFINED BY AN R2SONICS 2024 SONAR SYSTEM.
8. PROJECT DEPTH: 42 FEET.
9. CHANNEL WIDTH IS 600 FEET.
10. SURVEYED 29 DECEMBER 2015.
11. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM AERIAL PHOTOGRAPHY TAKEN JULY 1990.
12. RTK TIDES WERE USED FOR THIS SURVEY.



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 by:
Chd by: MK
Reviewed by: MK
Submitted by:
Date: 16
Design file no. 0-0-0-000
Drawing scale:
Plot date:
Plot scale:
Rev.
File name: H_FT_SURVEY.dgn
Chief, Nav. Branch

BALTIMORE HARBOR
MARYLAND

CONDITION SURVEY
FERRY BAR CHANNEL
STATION 0+000 TO 7+900

Sheet reference number:
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