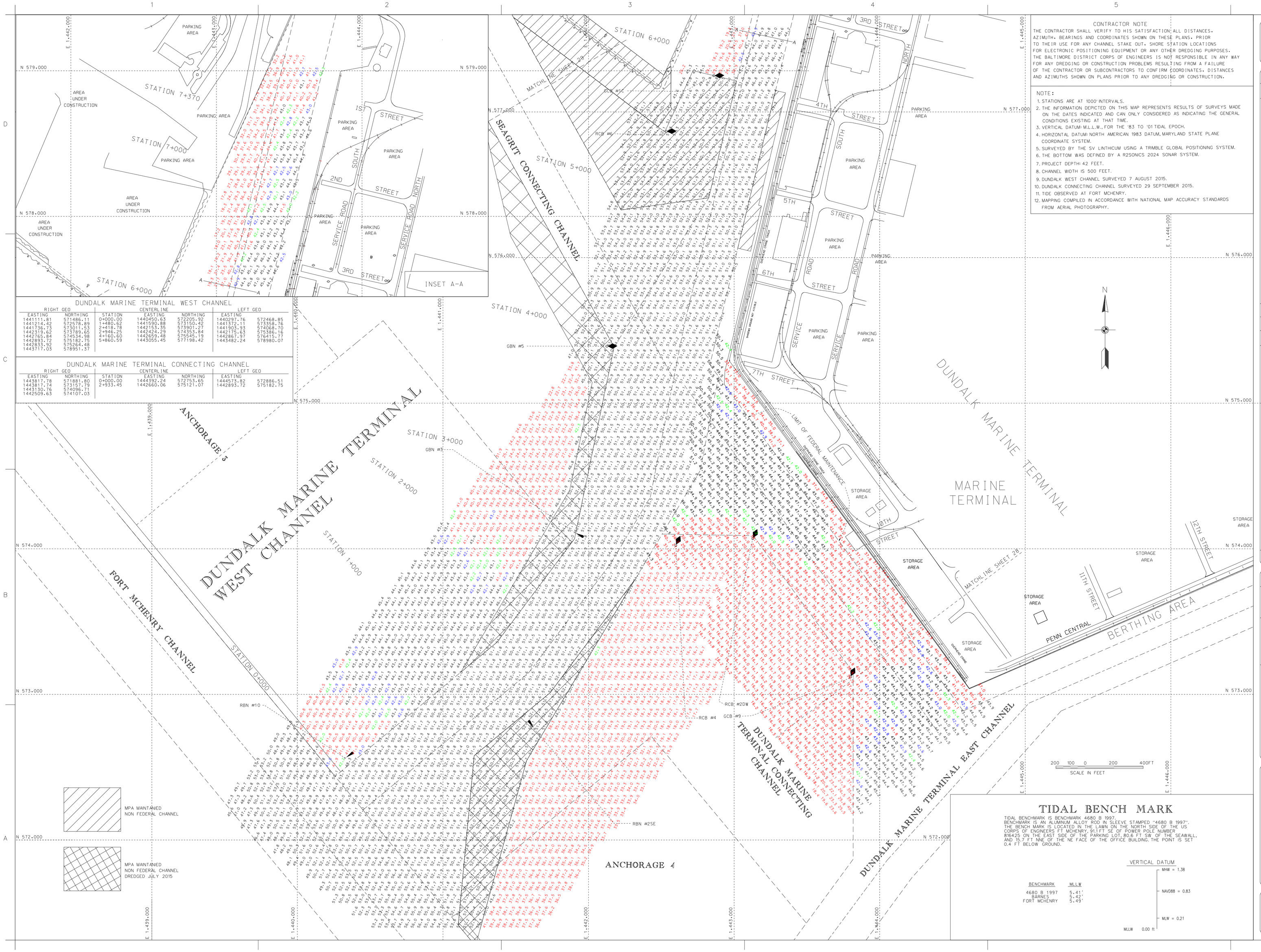

DUNDALK MARINE TERMINAL WEST CHANNEL

RIGHT GEO EASTING	RIGHT GEO NORTHING	CENTERLINE STATION	CENTERLINE EASTING	CENTERLINE NORTHING	LEFT GEO EASTING	LEFT GEO NORTHING
1441111.81	571486.11	0+000.00	1440450.63	572205.92	1440297.76	572468.85
1441214.42	572578.89	1+480.62	1441590.88	573150.43	1441372.11	573358.76
1441736.73	573011.53	2+418.78	1442153.35	573901.27	1441905.93	574068.70
1442319.62	573789.65	2+946.25	1442424.29	574353.84	1442175.63	575386.16
1442765.84	574534.98	4+160.60	1442659.48	575545.19	1442867.97	576415.77
1442893.72	575182.75	5+860.59	1443055.45	577198.42	1443482.24	578980.07
1442833.92	575264.48					
1443717.03	578951.37					

DUNDALK MARINE TERMINAL CONNECTING CHANNEL

RIGHT GEO EASTING	RIGHT GEO NORTHING	CENTERLINE STATION	CENTERLINE EASTING	CENTERLINE NORTHING	LEFT GEO EASTING	LEFT GEO NORTHING
1443817.78	571881.80	0+000.00	1444392.24	572753.65	1444575.82	572886.51
1443817.74	573157.79	2+933.45	1442660.06	575121.07	1442893.72	575182.75
1443130.76	574096.71					
1442509.63	574107.03					

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 '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE SV LINTHICUM USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY A R2SONICS 2024 SONAR SYSTEM.
7. PROJECT DEPTH: 42 FEET.
8. CHANNEL WIDTH IS 500 FEET.
9. DUNDALK WEST CHANNEL SURVEYED 7 AUGUST 2015.
10. DUNDALK CONNECTING CHANNEL SURVEYED 29 SEPTEMBER 2015.
11. TIDE OBSERVED AT FORT MCHENRY.
12. MAPPING COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM AERIAL PHOTOGRAPHY.

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, 91.1 FT SE OF POWER POLE NUMBER 856425 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.

VERTICAL DATUM

BENCHMARK	MLLW
4680 B 1997	5.41'
BARNES	5.42'
FORT MCHENRY	5.49'

MHW = 1.38
NAVD88 = 0.83
MLW = 0.21
MLLW 0.00 ft

US Army Corps of Engineers Baltimore District

Symbol	Date	Description	Appr.

Symbol	Date	Description	Appr.

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: JMC
Ckd by: SMC
Reviewed by: SMC
Submitted by:
Chief, Nav. Branch

Date: '15
Scale: 1"=1000'
Design file no.: 15-102
CAD name:
Drawing code:
File name: Bc_15_20150000
Plot date:
Plot scale:
Rev.

BALTIMORE HARBOR
CONDITION SURVEY
DUNDALK MARINE TERMINAL WEST CHANNEL
STATION 0+000 TO 7+370
AND DUNDALK MARINE TERMINAL
CONNECTING CHANNEL

Sheet reference number:
V-127
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