US Army Corps
of Engineers
District: CENAB

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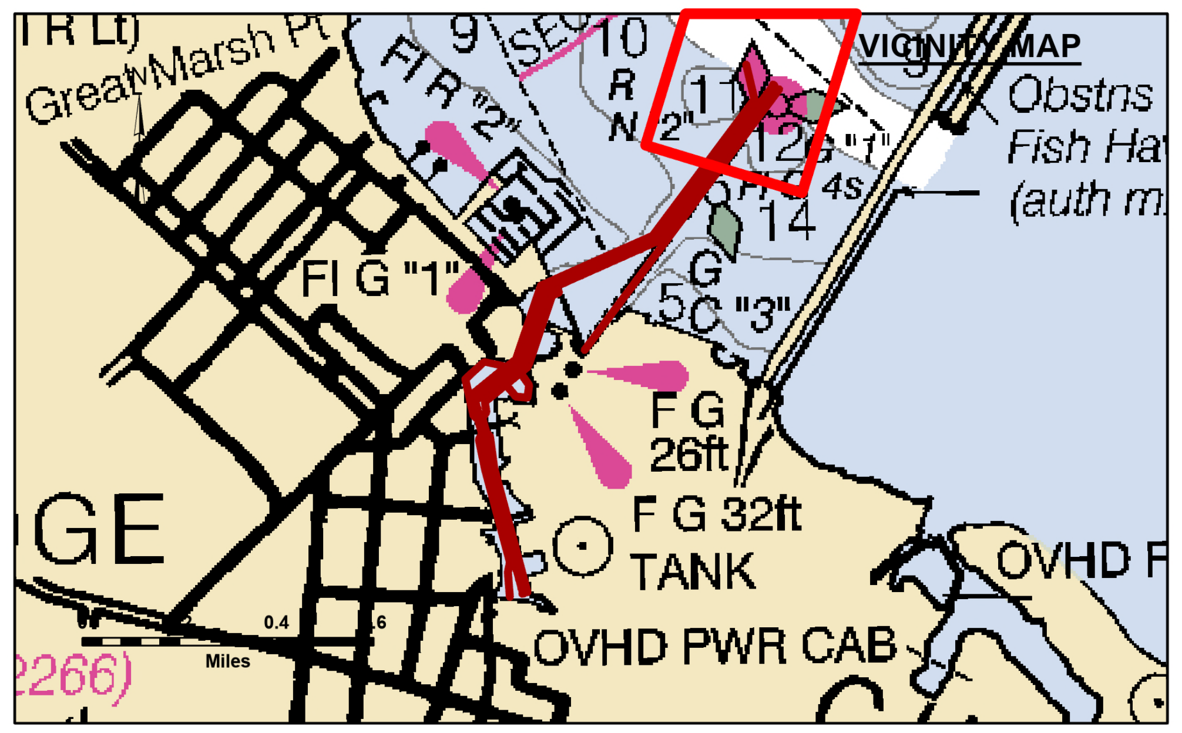
U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted: ____________	Surveyed By: ____
Recommended: ____________ Chief, Survey Team	Plotted By: ____
Approved: ____________ Chief, Survey/Debris Removal Section	Checked By: ____

DORCHESTER COUNTY
Cambridge Harbor
MD_30_030_20240306_CS
06 March 2024

Sheet Reference Number
1 of 3

Revision Number:
5.24.09.03-5.24.09.03



LEGEND

- - - Federal Navigation Channel Toe	♦ Red Navigation Buoy
······ Federal Navigation Center Line	♦ Green Navigation Buoy
— Contour Line	♦ Nun
🟥 Shoaling Area	♦ Can
● Shoalest Sounding	▲ Red Day Beacon
	🟩 Green Day Beacon

Scale Feet
0 220 440 660

NOTES:

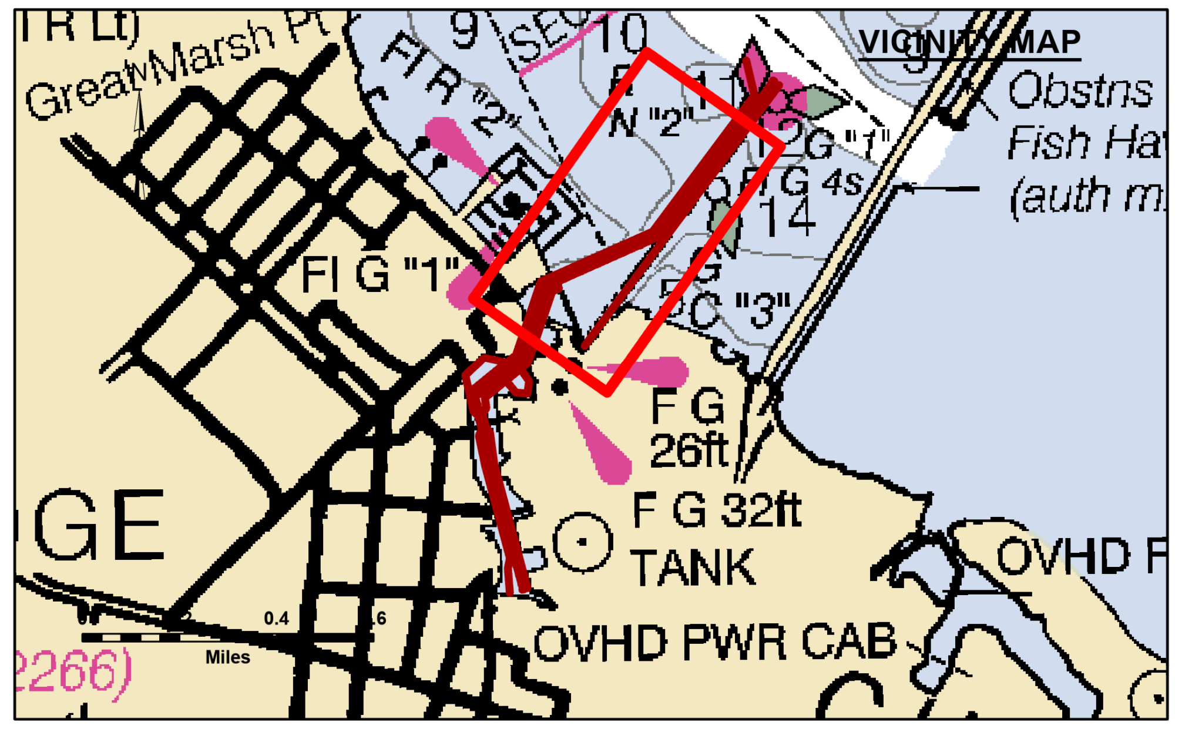
1. STATIONS ARE AT 1000' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE MV BUCK USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM ECHOSOUNDER AND A 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 25 FEET FOR CAMBRIDGE HARBOR, 14 FEET FOR CAMBRIDGE CREEK, AND 10 FEET FOR CAMBRIDGE CREEK TURNING BASINS.
8. PROJECT WIDTH: 150 FEET FOR CAMBRIDGE HARBOR, 100 FEET FOR CAMBRIDGE CREEK, AND 175 AND 200 FEET FOR THE TURNING BASINS.
9. TIDE OBSERVED AT CAMBRIDGE, MD NOAA AUTO GAUGE (8571892). TIDAL ZONING WAS APPLIED ACCORDING TO NOAA CO-OPS DISCRETE TIDAL ZONING MAP (HTTPS://WWW.ARCGIS.COM/HOME/ITEM.HTML?ID=21D7B399E6FA42E18A72EE30BE9AA5C9).

TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK "W 127".
FROM THE INTERSECTION OF U.S. 50 AND MARYLAND AVENUE IN CAMBRIDGE, DORCHESTER COUNTY, MD., GO WESTERLY 0.6 MILES, ACROSS CAMBRIDGE CREEK, TO ACADEMY STREET TURN RIGHT, GO 0.2 MILES TO HIGH STREET. TURN RIGHT, TRAVEL 0.3 MILES TO WATER STREET, TURN LEFT AND PARK. MONUMENT "W127" IS TO THE RIGHT IN THE PARK, NW 241.3 FT. FROM THE NW CURB OF HIGH ST., NE 112.0 FT. FROM THE NE CURB OF WATER ST. AND 62.7 FT. N OF THE N CORNER OF A WORLD WAR II MONUMENT.

BENCH MARK ELEV. IS 5.38' ABOVE MLLW FOR THE 2010 TIDAL EPOCH. COMPUTED USING GEOID 18.

BENCHMARK	MLLW ELEV.
W 127	5.38'
USE	4.64'



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- ┄ Federal Navigation Center Line
- ─ Contour Line
- 🟥 Shoaling Area
- ● Shoalest Sounding
- ♦ Red Navigation Buoy
- ♦ Green Navigation Buoy
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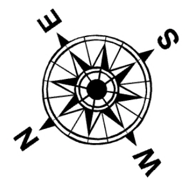

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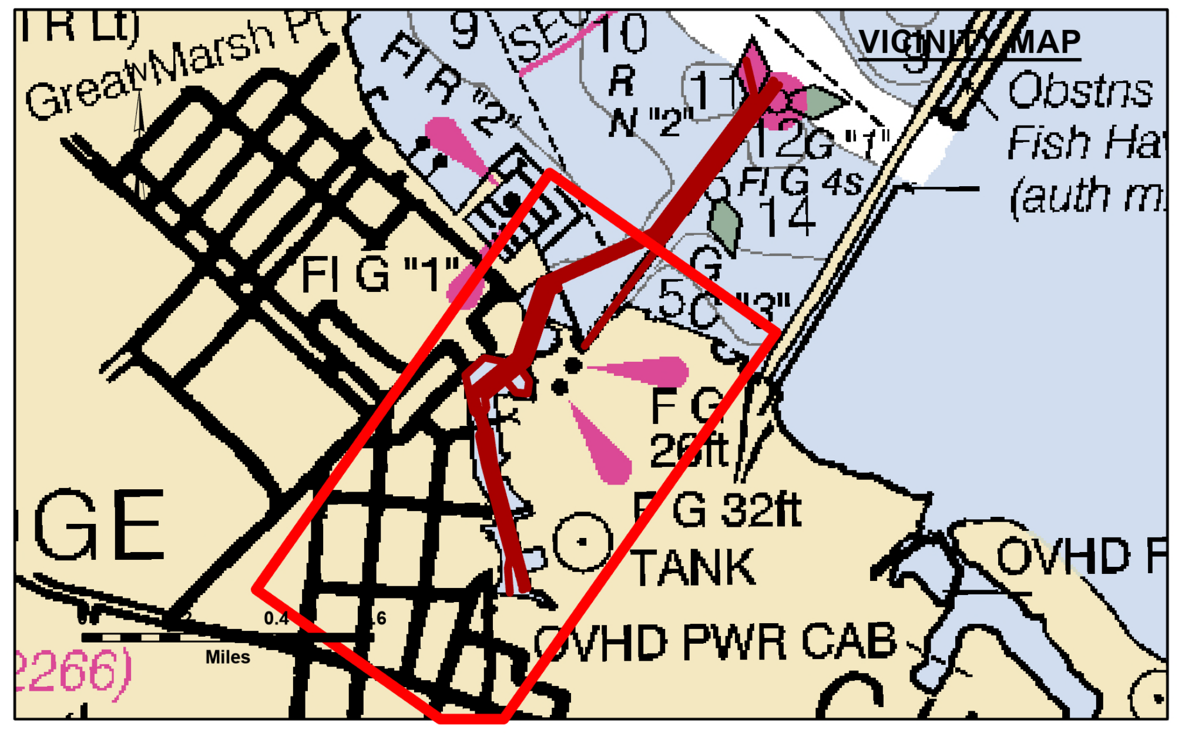

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Scale Feet
0 360 720 1,080

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CAMBRIDGE CREEK CHANNEL COORDINATES

RIGHT SIDE		CENTERLINE			LEFT SIDE	
EASTING	NORTHING	STATION	EASTING	NORTHING	EASTING	NORTHING
1577934.90	332068.50	0+000.00	1577965.40	331999.98	1577995.90	331931.46
1577799.88	332008.39	0+114.93	1577860.40	331953.24	1577920.92	331898.09
1577528.79	331206.66	0+950.00	1577592.92	331162.17	1577657.05	331117.68
1577427.07	331123.78	1+606.36	1577084.07	330747.58	1577578.13	331053.37
1577182.05	331175.67	2+021.65	1577196.88	330347.91	1577671.21	330918.04
1576977.61	330983.31	2+361.69	1577241.81	330010.85	1577653.50	330782.28
1577067.17	330586.62	3+766.70	1577605.27	328653.67	1577526.40	330793.91
1577114.43	330548.00				1577419.98	330924.51
1577159.25	330389.20				1577189.69	330736.88
1577124.70	330327.50				1577206.72	330626.00
1577193.51	329997.92				1577162.55	330561.58
1577462.55	328993.31				1577207.37	330402.78
1577440.12	328883.78				1577245.50	330361.59
1577461.90	328615.27				1577290.94	330020.66
					1577653.57	328666.60

CAMBRIDGE HARBOR CHANNEL COORDINATES

RIGHT SIDE		CENTERLINE			LEFT SIDE	
EASTING	NORTHING	STATION	EASTING	NORTHING	EASTING	NORTHING
1578274.21	331306.30	0+000.00	1577965.40	331999.98	1577934.90	332068.50
1580390.70	334142.40	1+201.33	1579062.89	332488.55	1579014.50	332549.10
		3+320.96	1580330.60	334187.30	1580121.00	334031.80
					1580031.20	334410.68

TURNING BASIN CHANNEL COORDINATES

TURNING BASIN #1

EASTING	NORTHING
1577020.66	330792.63
1576977.61	330983.31
1577182.05	331175.67
1577427.07	331123.78

TURNING BASIN #2

EASTING	NORTHING
1577419.98	330924.51
1577526.40	330793.91
1577653.50	330782.28
1577671.21	330918.04
1577578.13	331053.37