

SF RECREATION & PARKS DEPARTMENT WEST HARBOR MARINA PRE-DREDGE SURVEY

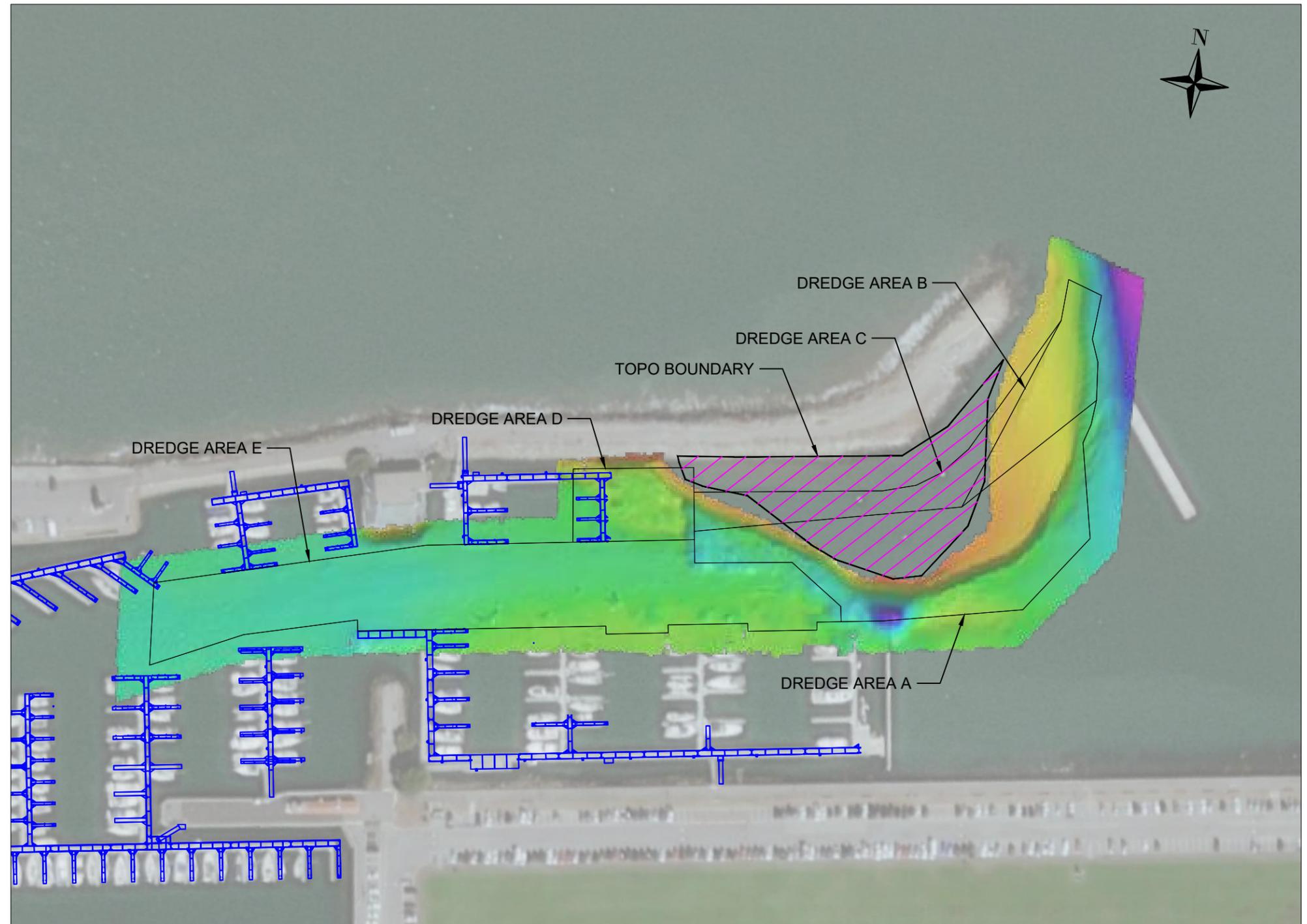
Overview

SHEET INDEX:

- SHEET 1 - PROJECT INFORMATION
- SHEET 2 - MEAN SOUNDINGS BINNED AT 20FT
- SHEET 3 - COLORED DEM & CONTOURS

GENERAL NOTES:

1. BATHYMETRIC SURVEY DATA COLLECTED BY WOOLPERT ON FEBRUARY 16 AND 18, 2026
2. HORIZONTAL DATUM/PROJECTION: NAD83/SPCS CA ZONE 3 - US SURVEY FEET.
3. VERTICAL DATUM: MLLW - US SURVEY FEET.
4. VERTICAL CONTROL: E0 2016 ELEVATION MLLW: 11.742 FT
5. HORIZONTAL CONTROL: WOOLPERT REFERENCE STATION: "WESTAR" 37°46'27.46320"N 122°22'56.73175"W
6. INFORMATION IS ONLY VALID FOR THE TIME IN WHICH THE SURVEY WAS CONDUCTED.
7. BATHYMETRIC POSITION AND MOTION DATA WERE COLLECTED USING AN APPLANIX POSMV WAVEMASTER USING RTK CORRECTIONS.
8. BATHYMETRIC SURVEY DATA WERE COLLECTED USING A R2SONIC 2024 MULTIBEAM SONAR OPERATING AT 200KHZ.
9. SOUND VELOCITY THROUGH THE WATER COLUMN WAS DETERMINED WITH AN AML-3 SOUND VELOCITY PROBE



SF Marina West Available Material 02/16/2026, Volumes Calculated Via Hypack 2023								
DU	Project Depth (ft)	Project Volume Grade (cy)	Project Volume Slopes (cy)	Overdepth (ft)	Overdepth Volume (cy)	Overdepth (ft)	Overdepth Volume (cy)	Project Depth Plus Overdepth Volume (cy)
Area A	12	18,836	227	12 to 13	2,074	13 to 14	2,109	23,245
Area B	11	4,231	154	11 to 12	568	12 to 13	574	5,526
Area C	11	8,526	3,993	11 to 12	639	12 to 13	641	13,798
Area D	6	320	248	6 to 7	184	7 to 8	354	1,106
Area E	12	6,596	567	12 to 13	3,027	13 to 14	3,031	13,221
Total		38,509	5,188		6,491		6,708	56,896

not to scale



SF MARINA WEST HARBOR
3950 SCOTT STREET
SAN FRANCISCO, CA 94123
PHONE: 415-831-6322
www.sfrecpark.org/sf-marina



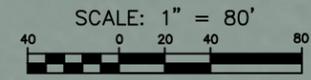
WOOLPERT INC.
637 LINDARO STREET
SUITE 100
SAN RAFAEL, CA 94901
PHONE: 415-462-0421
woolpert.com/industries/maritime

SURVEY DATE: February 16 & 18, 2026	PLOT DATE: February 20, 2026
DESIGNED BY: NB	CHECKED BY: JK
REVISION #	
FILE NAME: SFRP_20260216_MarinaWest.dwg	

SF RECREATION & PARKS DEPT
WEST HARBOR MARINA
PRE-DREDGE SURVEY

PROJECT INFORMATION

Reference Number:
S1



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SCALE ACCORDINGLY



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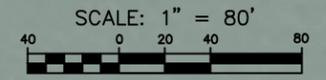
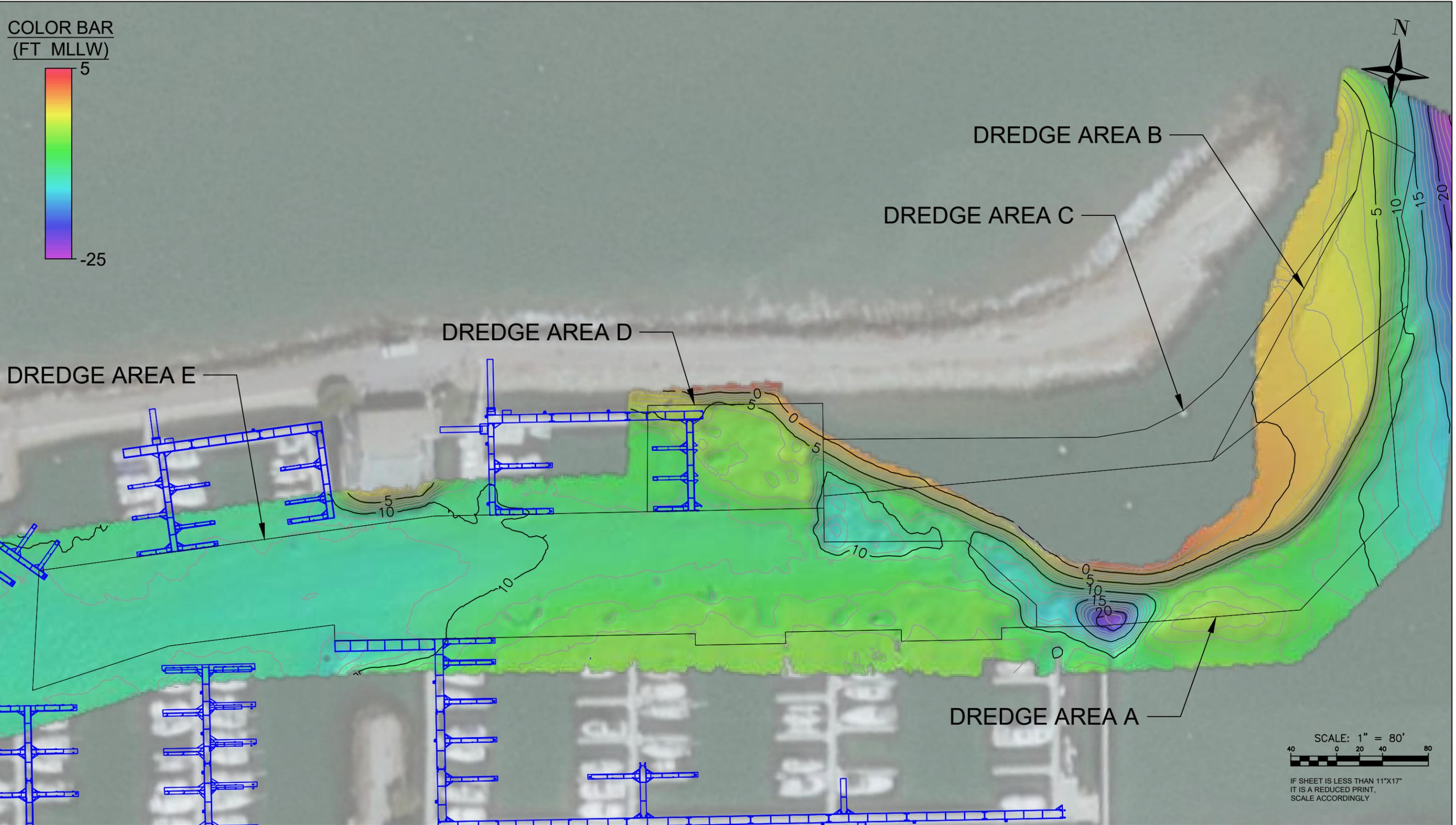
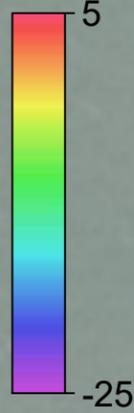
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MEAN SOUNDINGS BINNED AT 20FT

Reference
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S2

COLOR BAR
(FT MLLW)



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COLORED DEM & CONTOURS

Reference
Number:
S3