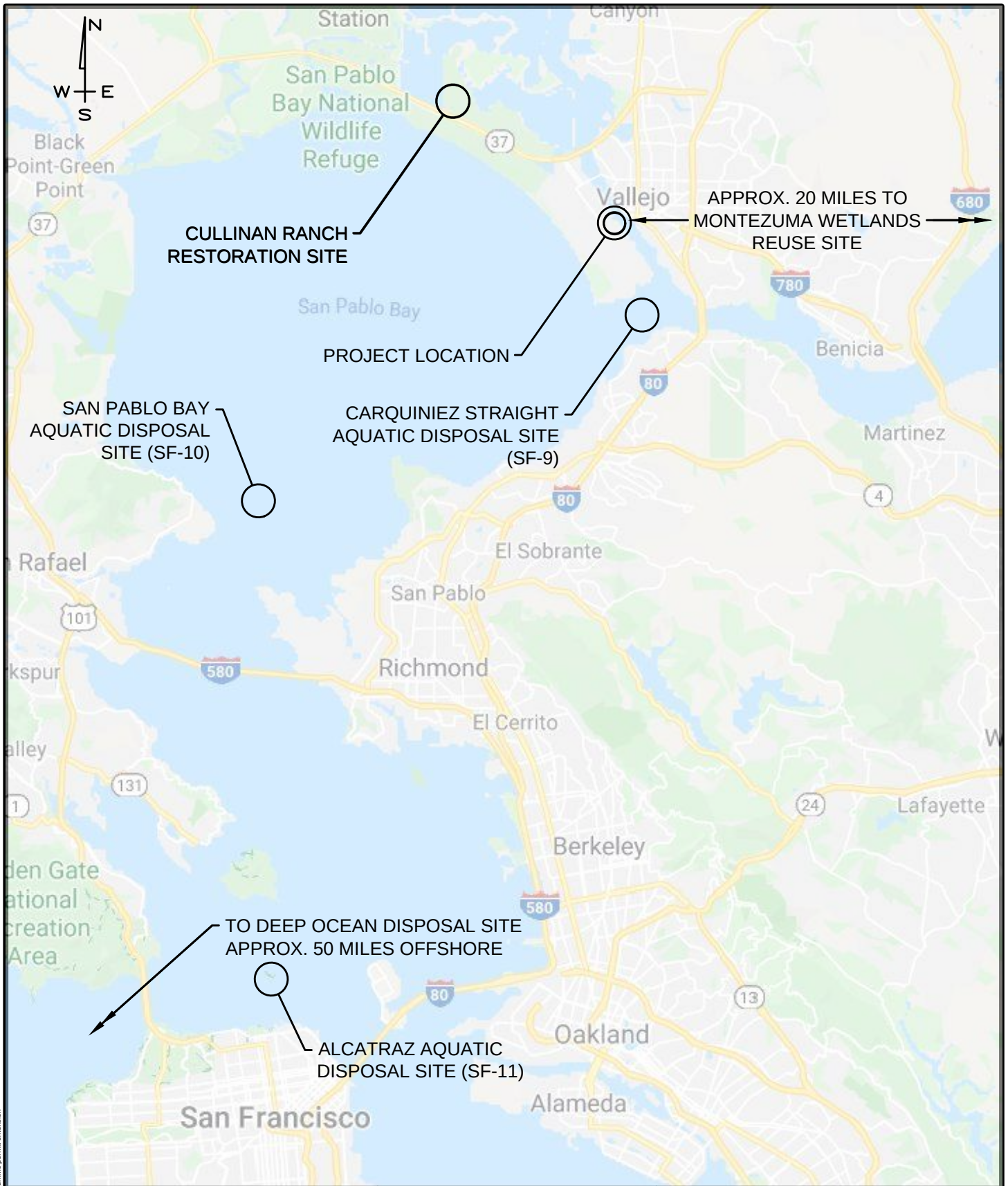




PURPOSE: PROPOSED DREDGING IN MARE ISLAND STRAIGHT - DRY DOCK 4 AND BERTH 16

DATUM:
MLLW = 0.0

FOTH & VAN DYKE, LLC.
384 BEL MARIN KEYS BLVD, SUITE 140
NOVATO, CA 94949

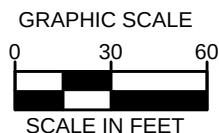
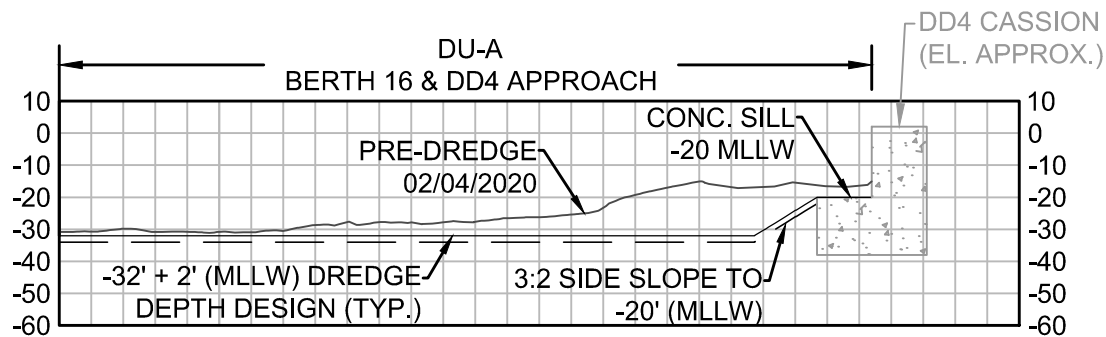
LOCUS MAP (NOT TO SCALE)

LIND MARINE INCORPORATED
VALLEJO, CALIFORNIA

AT: MARE ISLAND STRAIGHT
COUNTY OF: SOLANO
APPLICATION BY: LIND MARINE

DATE: APRIL 2020

SHEET 1 OF 3



DU-A TYPICAL SECTION B-B
SCALE: 1" = 60'

NOTES:

1. BATHYMETRY COLLECTED BY BAY MARINE SERVICES, LLC (VALLEJO, CA) ON FEBRUARY 4, 2020 AND REPRESENTS THE SEAFLOOR CONDITIONS ON THOSE DATES.
2. SOUNDINGS ARE BASED ON MEAN LOWER LOW WATER (MLLW) VERTICAL DATUM. SOUNDING LOCATION AT DECIMAL POINT.
3. VOLUMES ARE CALCULATED BASED OFF A 3x3 AVERAGE SORTED DATA SET.
4. PLANE GRID, BEARINGS AND COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III (NAD83). AS DESCRIBED IN SPECIAL PUBLICATION NO. 253 PUBLISHED BY THE NATIONAL OCEAN SURVEY.
5. LOCATIONS OF PIERS, DOCKS, SHORELINE AND OTHER PLANIMETRICS ARE APPROXIMATE IN NATURE.
6. SURVEYS WERE PERFORMED TO ACCURACY STANDARDS DEFINED FOR NAVIGATION AND DREDGING SUPPORT FOR SOFT MATERIAL PER THE ARMY CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL, EM1110-2-1003, JANUARY 2002.

PREVIOUSLY AUTHORIZED PERMITS:

ARMY CORPS OF ENGINEERS PERMIT #2006.00311N

BCDC PERMIT NUMBER 2009.003.04

WQC PLACE ID#751698

CDFW STREAMBED ALTERATION AGREEMENT #1600-2016-0236-R3

LEGEND

- 20' AT CASSION SILL (MLLW)
- 20' + 2' OD W/ 3:2 SLOPE TO -32' (MLLW)
- 26' + 2' OD W/ 3:1 SLOPE TO -32' (MLLW)
- 32' + 2' OD (MLLW)

PURPOSE: PROPOSED DREDGING IN MARE ISLAND STRAIGHT - DRY DOCK 4 AND BERTH 16

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SECTION B-B AND PROJECT NOTES

LIND MARINE INCORPORATED
VALLEJO, CALIFORNIA

AT: MARE ISLAND STRAIGHT
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SHEET 3 OF 3