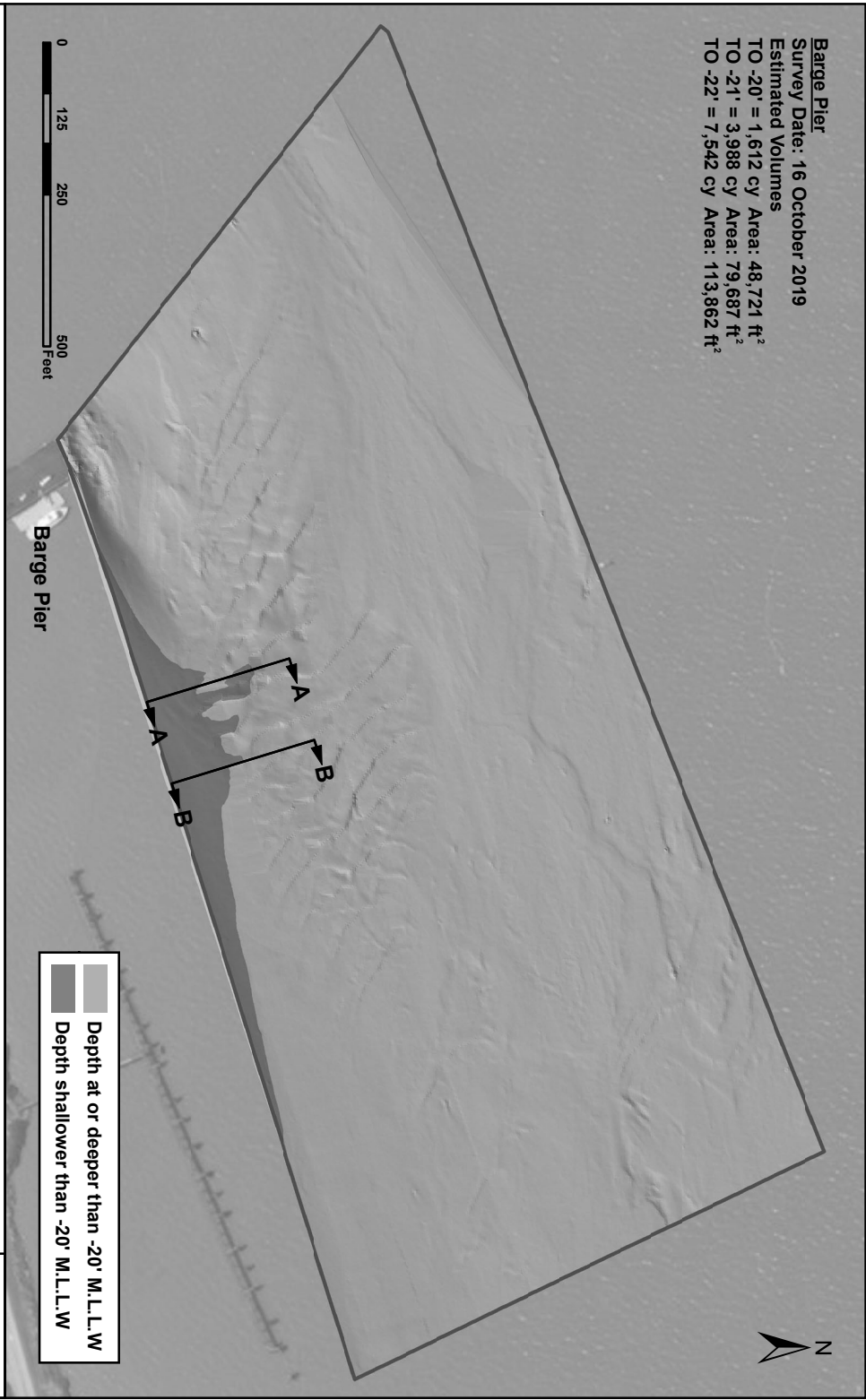
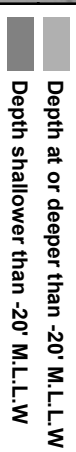




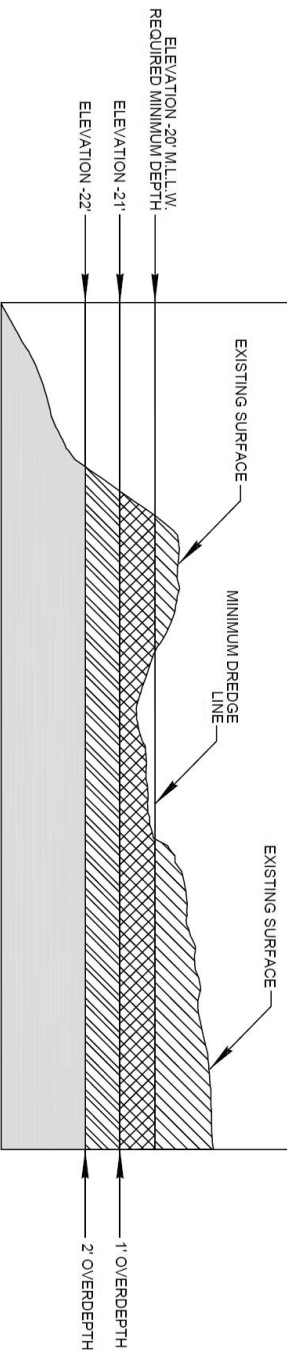
Barge Pier
 Survey Date: 16 October 2019
 Estimated Volumes
 TO -20' = 1,612 cy Area: 48,721 ft²
 TO -21' = 3,988 cy Area: 79,687 ft²
 TO -22' = 7,542 cy Area: 113,862 ft²



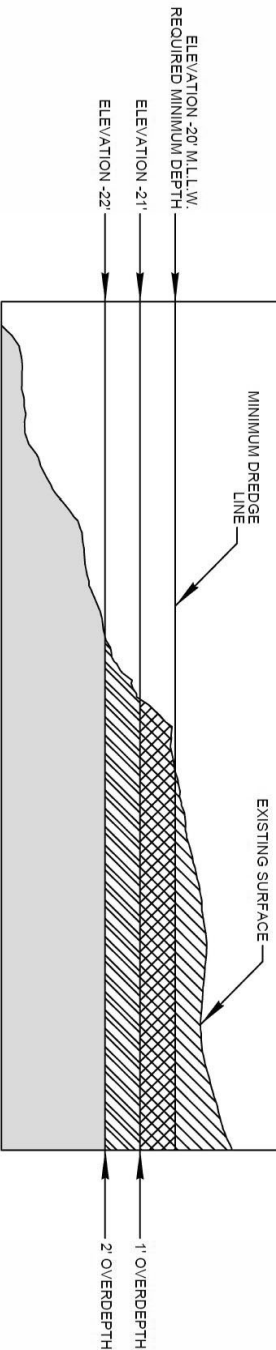
Barge Pier



**TYPICAL DREDGING SECTION A-A
 BARGE PIER
 (NOT TO SCALE)**



**TYPICAL DREDGING SECTION B-B
 BARGE PIER
 (NOT TO SCALE)**

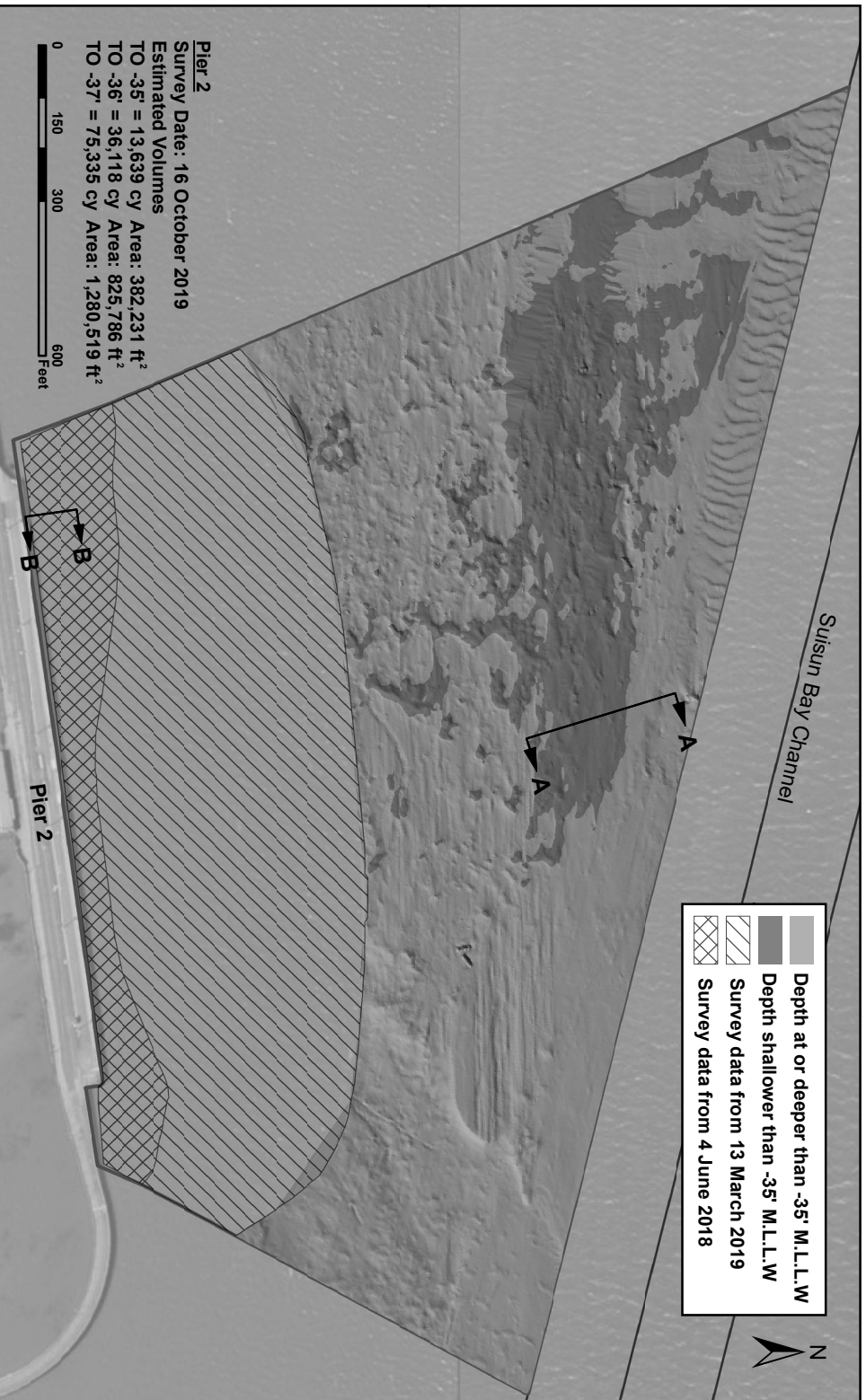


CONTRA COSTA COUNTY CALIFORNIA
**MOTCO
 BARGE PIER
 DREDGING APPLICATION 2020**

DATE: 11 / 07 / 2019
 BRANCH/SECTION:
 Construction Branch, Hydro Survey Section, 4th Floor
 450 Golden Gate Ave, San Francisco, CA 94102

U.S. Army Corps
 of Engineers
 San Francisco District
 540 Golden Gate Ave
 San Francisco, CA 94102

**Figure
 1**



Pier 2

Survey Date: 16 October 2019

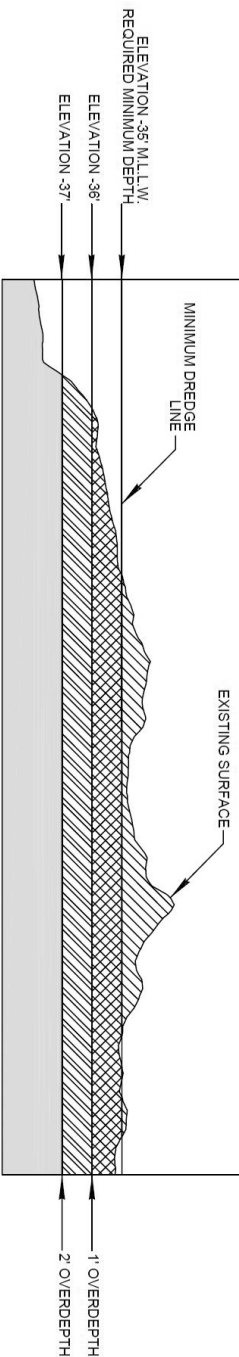
Estimated Volumes

TO -35' = 13,639 cy Area: 382,231 ft²

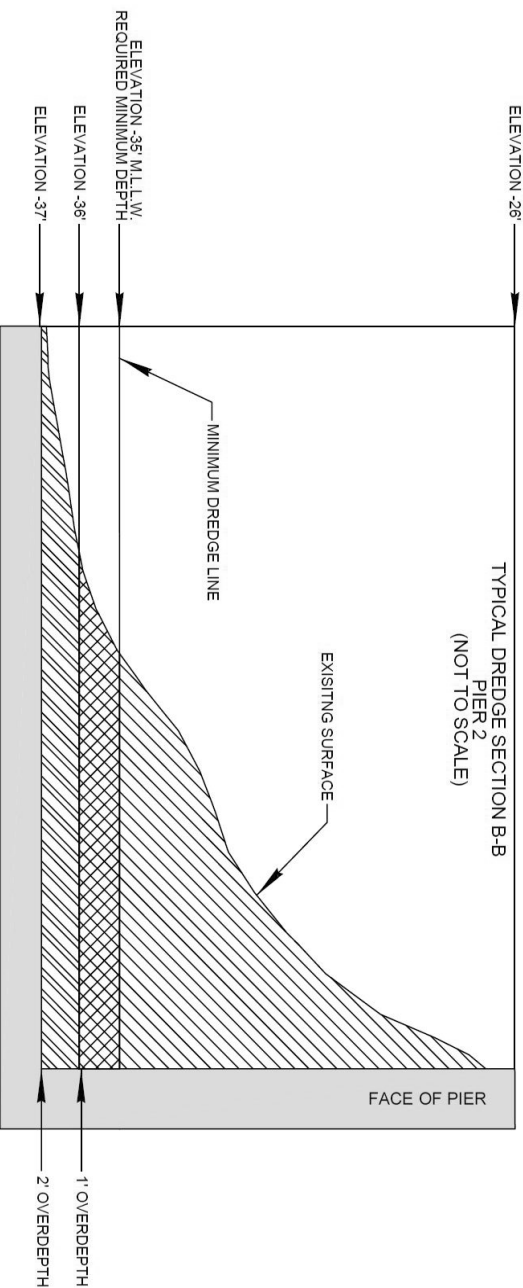
TO -36' = 36,118 cy Area: 825,786 ft²

TO -37' = 75,335 cy Area: 1,280,519 ft²

TYPICAL DREDGING SECTION A-A PIER 2 (NOT TO SCALE)



TYPICAL DREDGE SECTION B-B PIER 2 (NOT TO SCALE)



CONTRA COSTA COUNTY

CALIFORNIA

DATE: 11 / 08 / 2019

BRANCH/SECTION:

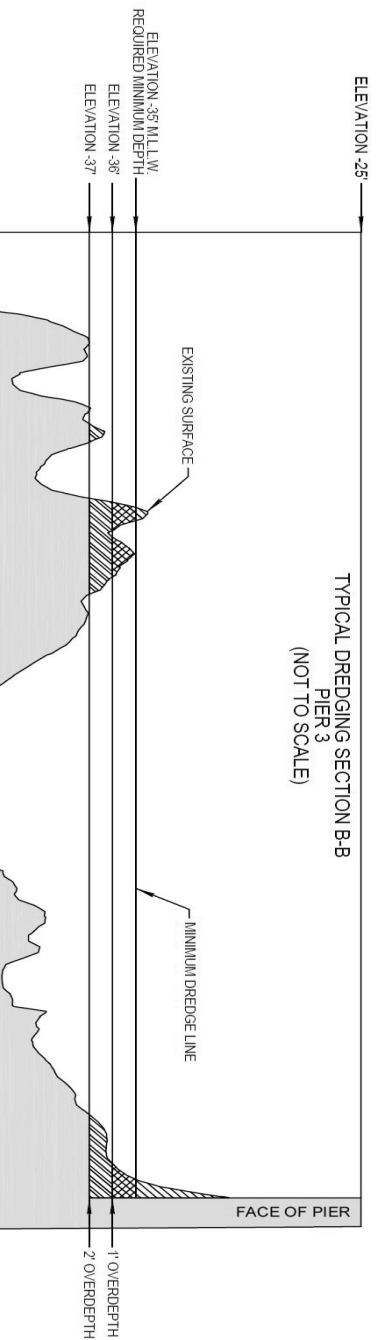
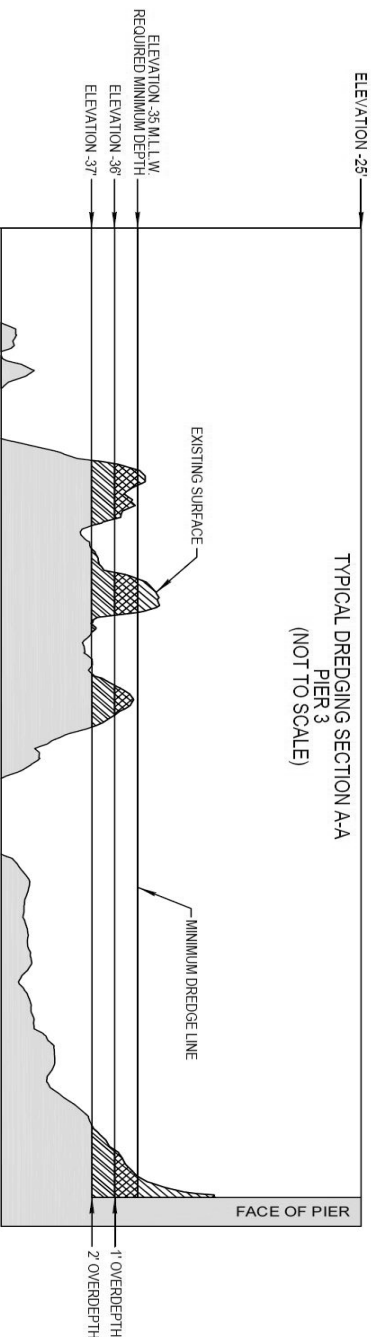
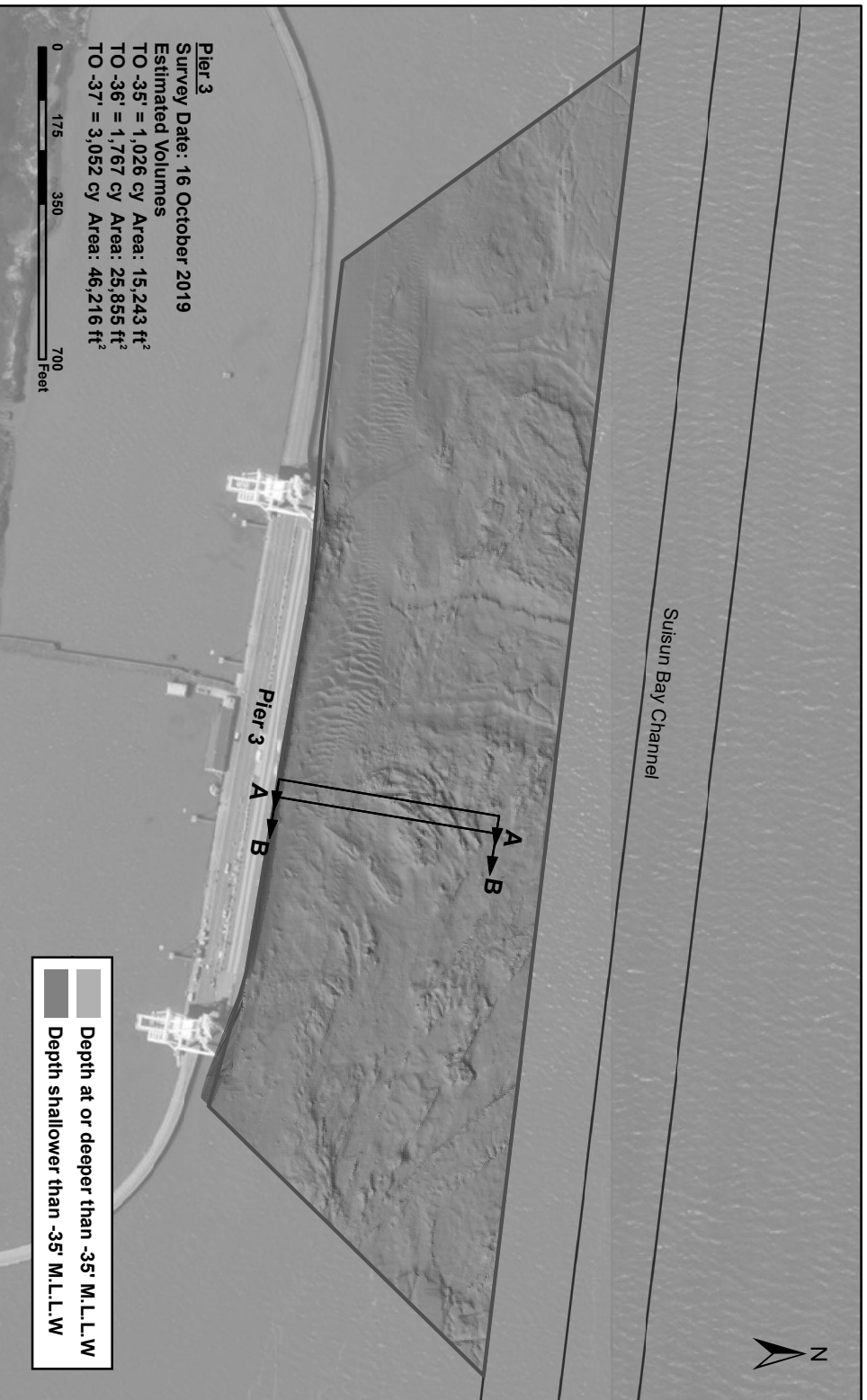
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San Francisco District
500 Golden Gate Ave
San Francisco, CA 94102



**MOTCO
PIER 2
DREDGING APPLICATION 2020**

**Figure
2**



U.S. Army Corps
 of Engineers
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 San Francisco, CA 94102

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CONTRA COSTA COUNTY CALIFORNIA
 MOTCO
 PIER 3
 DREDGING APPLICATION 2020

Figure
 3

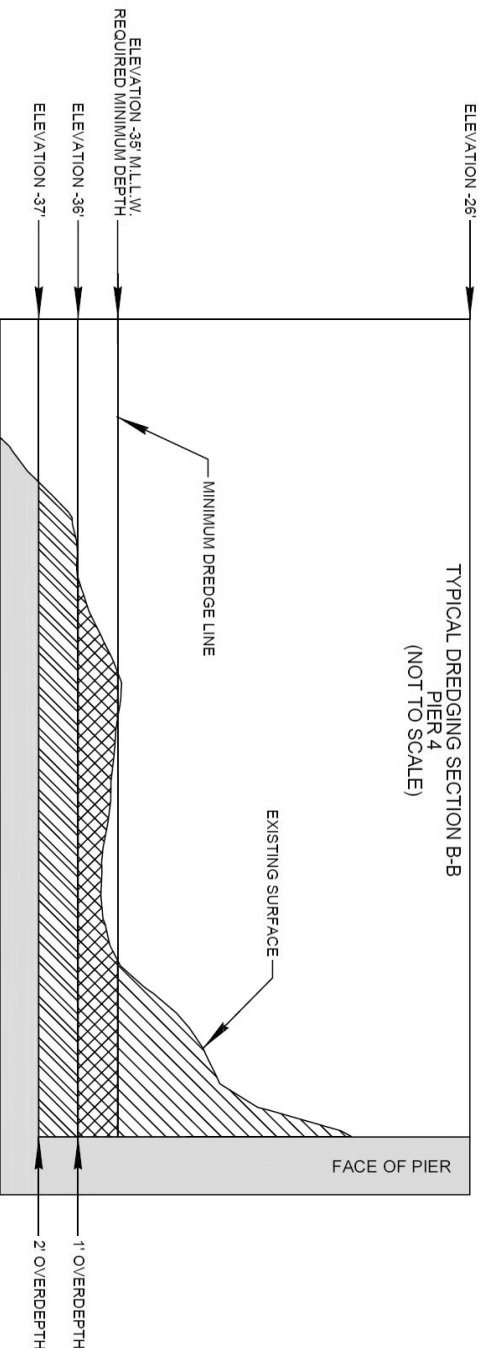
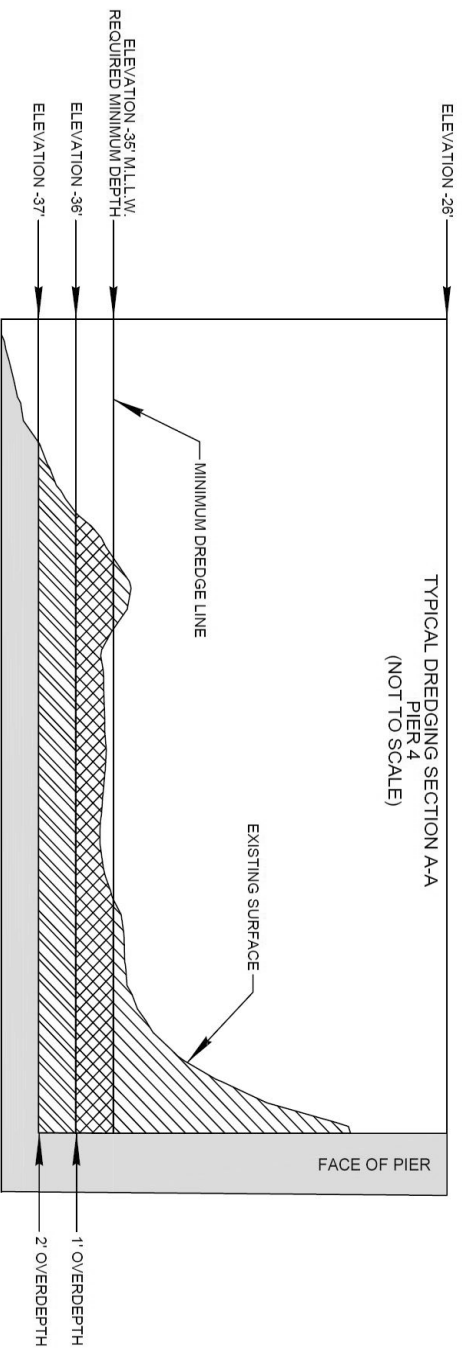
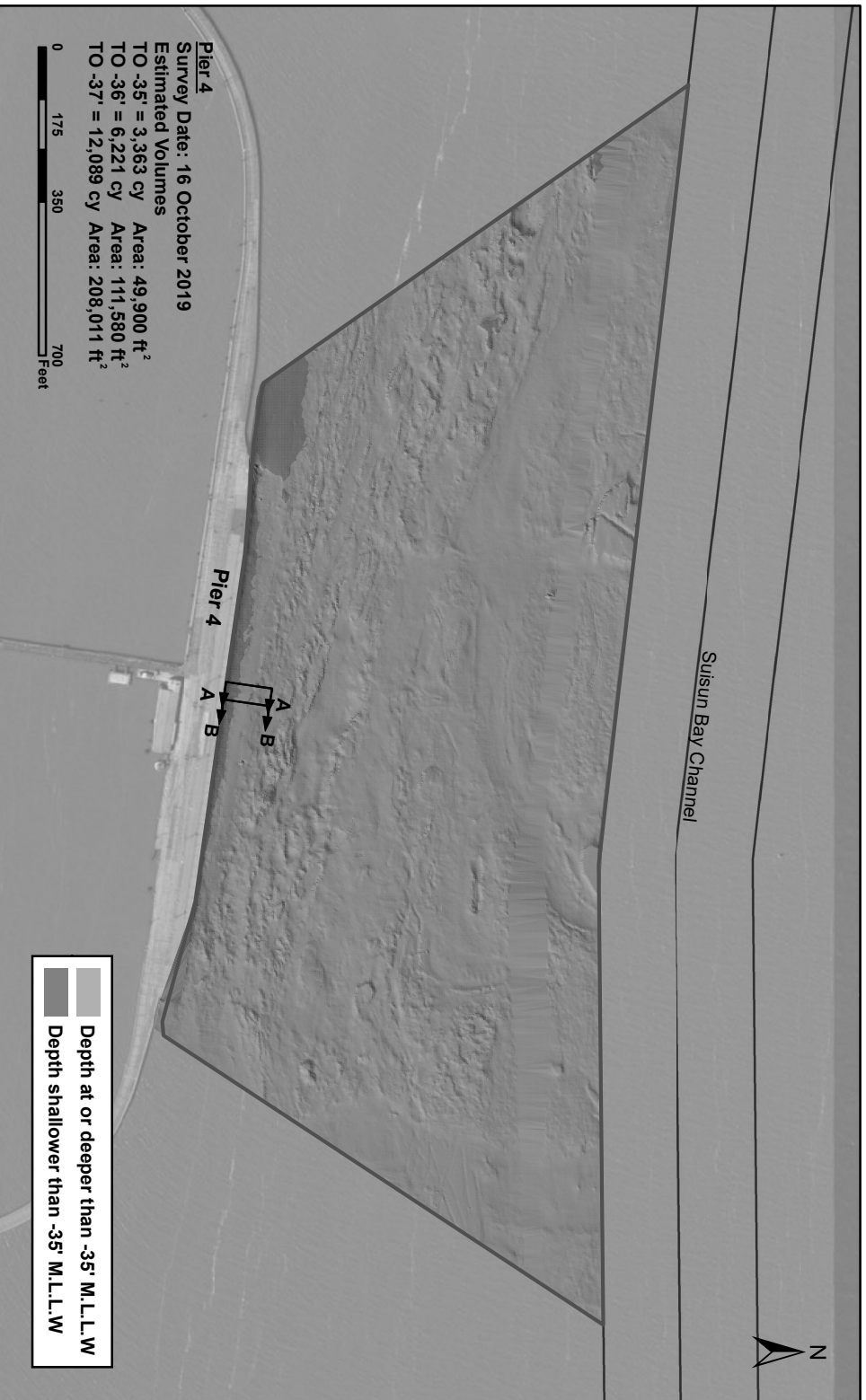


Figure
4

CONTRA COSTA COUNTY

CALIFORNIA

MOTCO
PIER 4
DREDGING APPLICATION 2020

DATE: 11 / 07 / 2019

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