USACE File: 2010-00015S
Santa Cruz Port District
Maintenance Dredging
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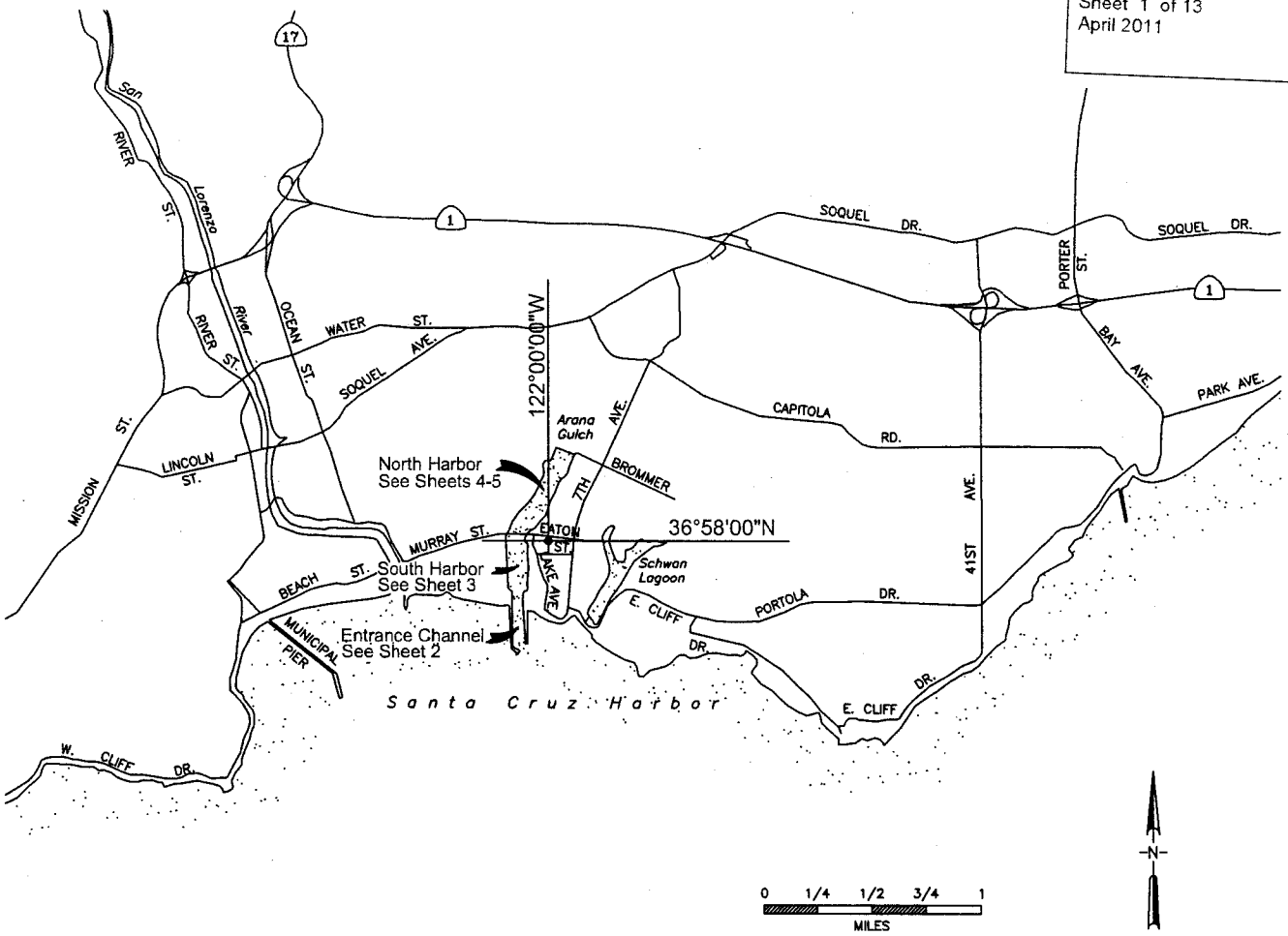
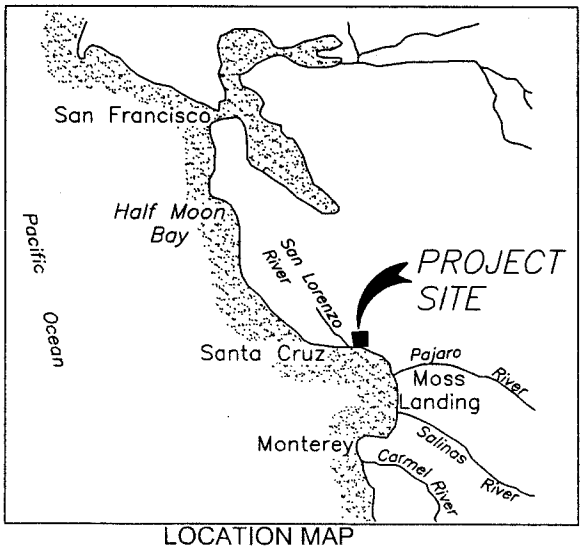
April 2011





LOCATION MAP

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

VICINITY MAP

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011

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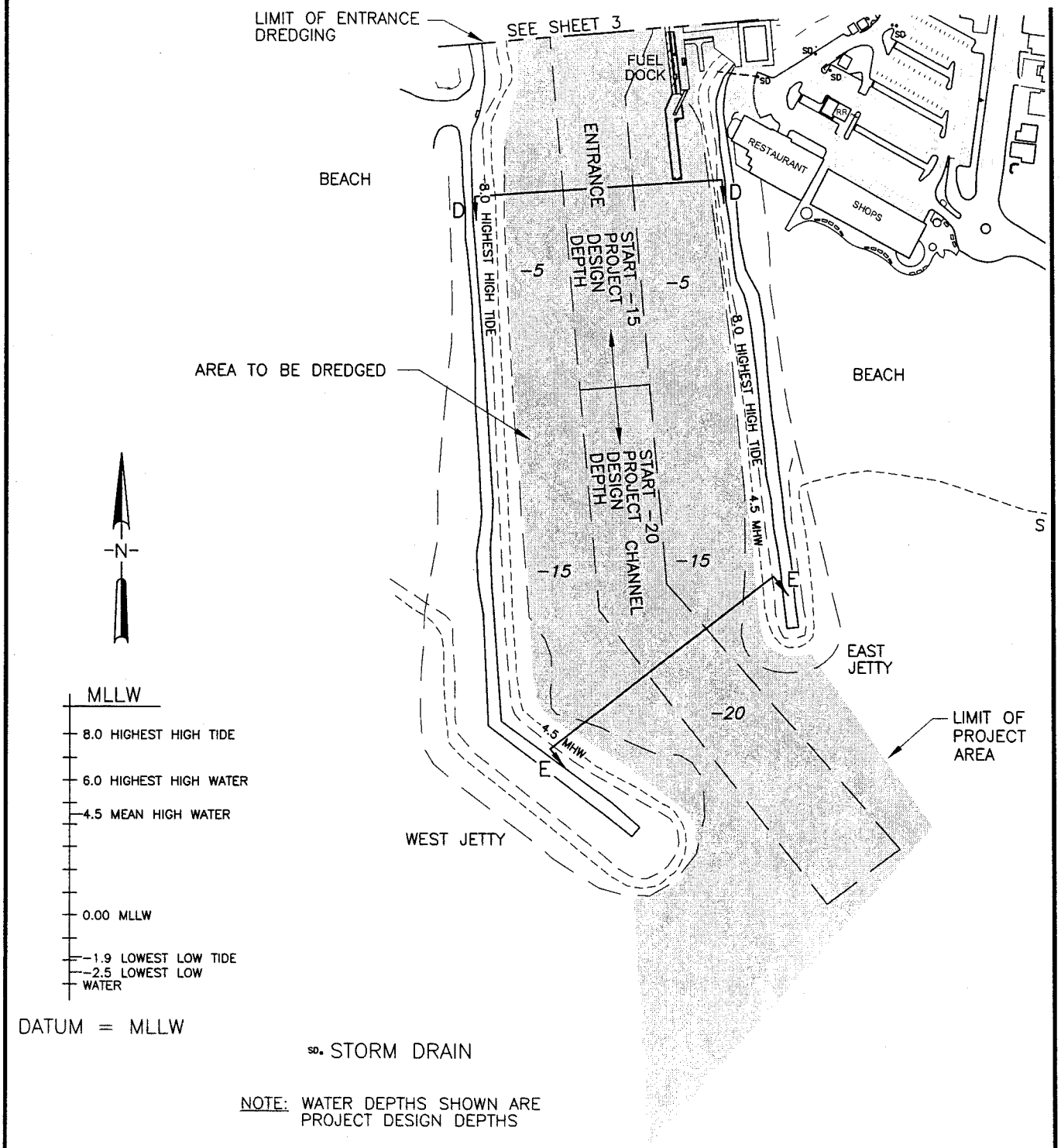

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

PLAN VIEW
ENTRANCE CHANNEL

0 100 200 300 400
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011

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Maintenance Dredging
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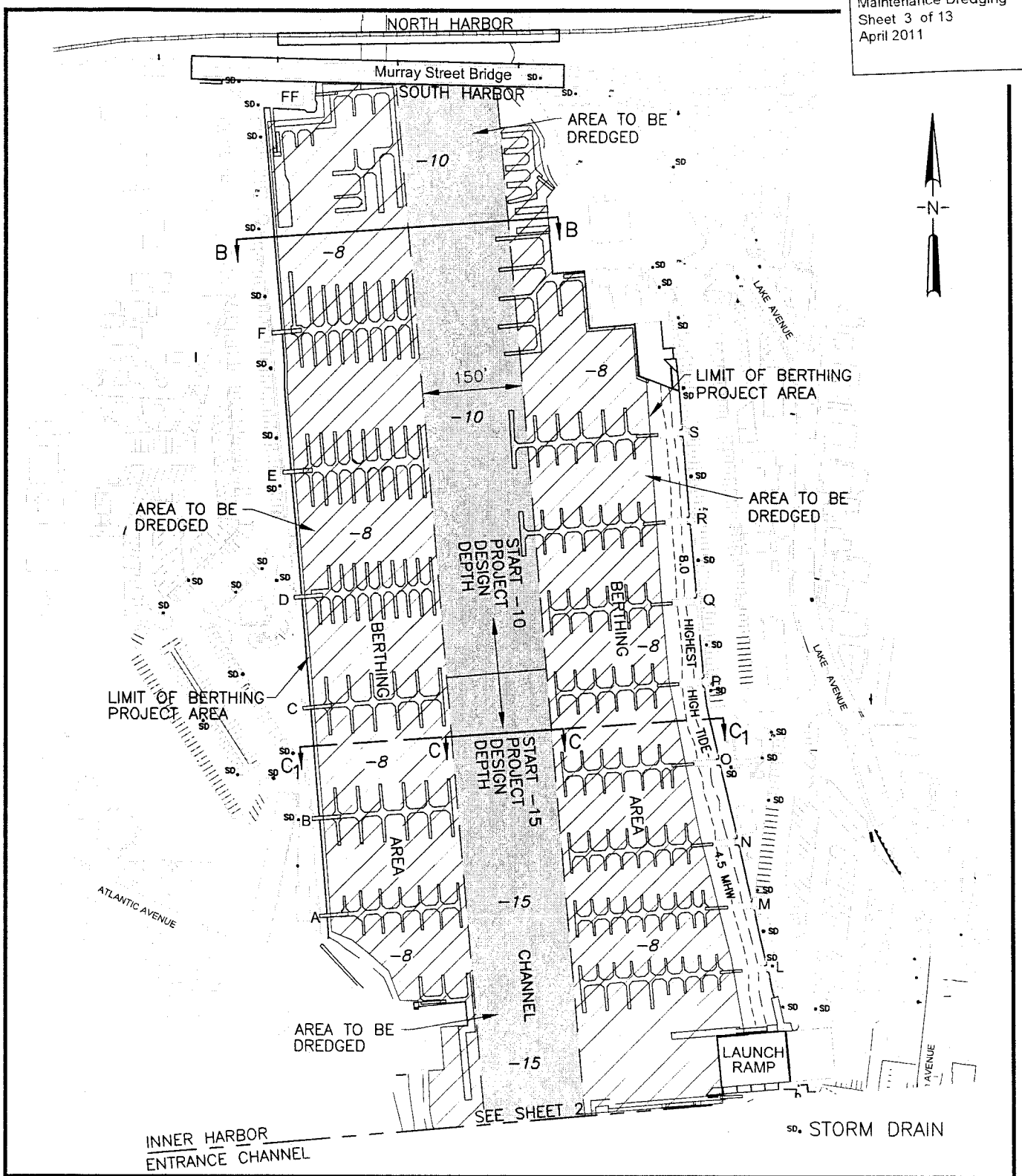

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

PLAN VIEW
SOUTH HARBOR

0 100 200 300 400
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011

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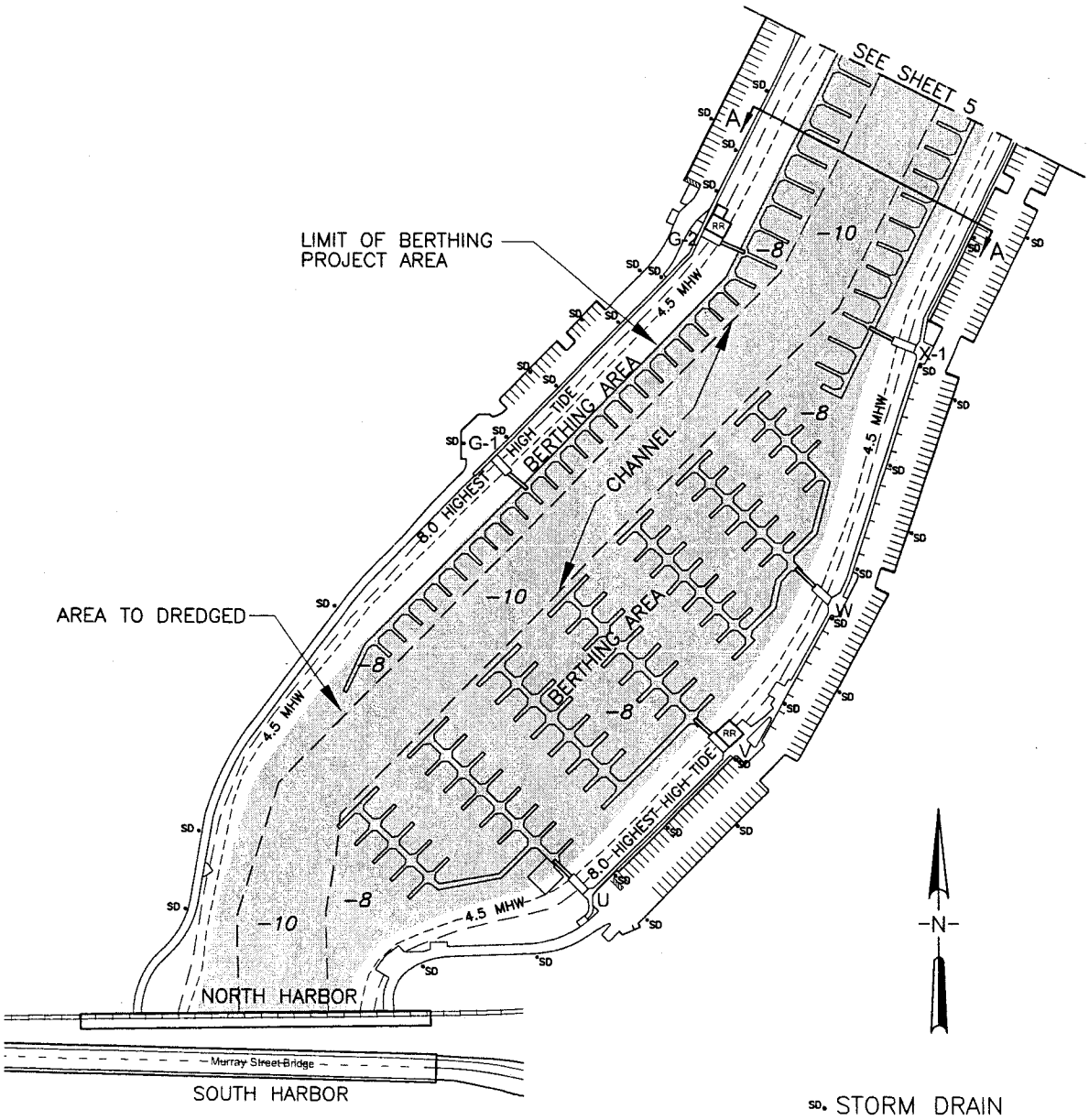

NOTE: WATER DEPTHS SHOWN ARE PROJECT DESIGN DEPTHS

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS DATUM: MLLW	PLAN VIEW NORTH HARBOR BERTHING AREAS 0 100 200 300 400 FEET SANTA CRUZ PORT DISTRICT 135 5th AVENUE SANTA CRUZ, CA 95062	IN: SANTA CRUZ SMALL CRAFT HARBOR AT: NORTH AND SOUTH HARBOR COUNTY OF: SANTA CRUZ FEBRUARY 1, 2011

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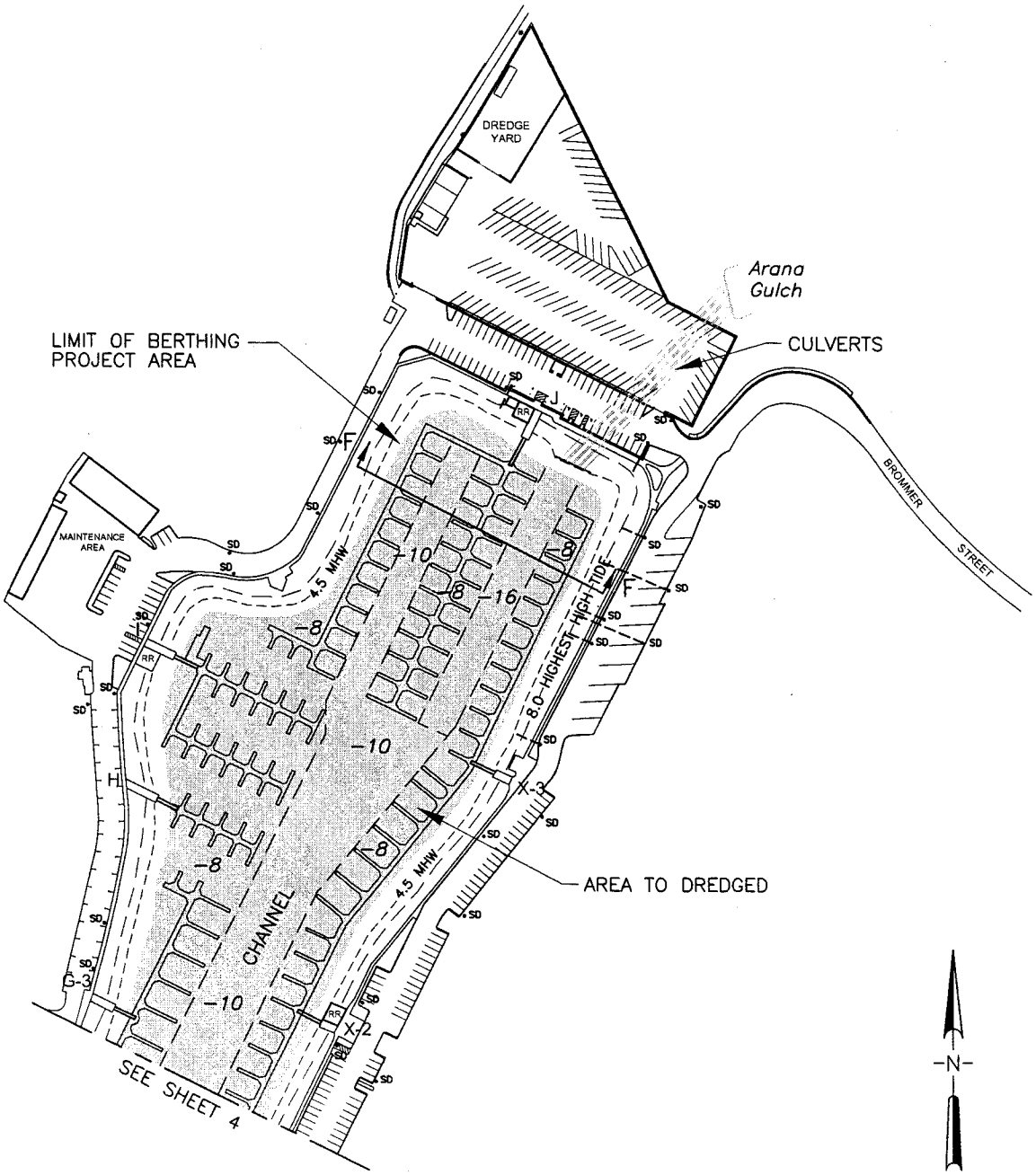
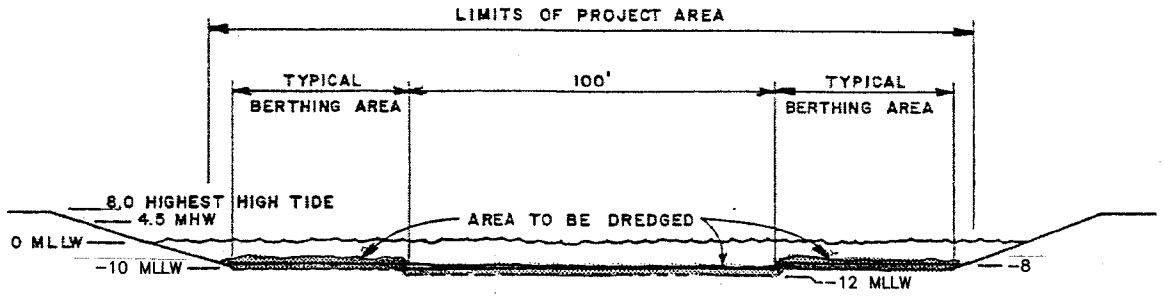


SD. STORM DRAIN

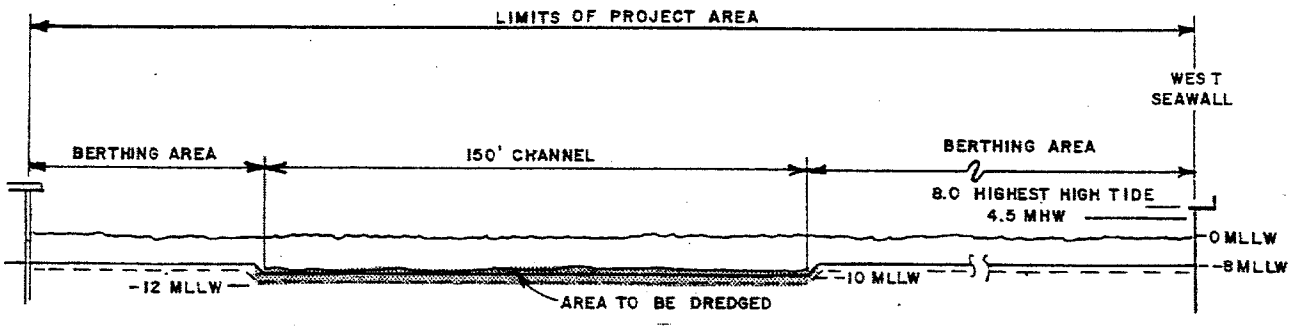
PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS DATUM: MLLW	PLAN VIEW NORTH HARBOR BERTHING AREAS 0 100 200 300 400 FEET SANTA CRUZ PORT DISTRICT 135 5th AVENUE SANTA CRUZ, CA 95062	IN: SANTA CRUZ SMALL CRAFT HARBOR AT: NORTH AND SOUTH HARBOR COUNTY OF: SANTA CRUZ FEBRUARY 1, 2011



CHANNEL DESIGN DEPTH -10 MLLW
+2 FT. OVER DEPTH

SECTION A-A

BERTHING AREA DESIGN DEPTH -8 MLLW
+2 FT. OVER DEPTH

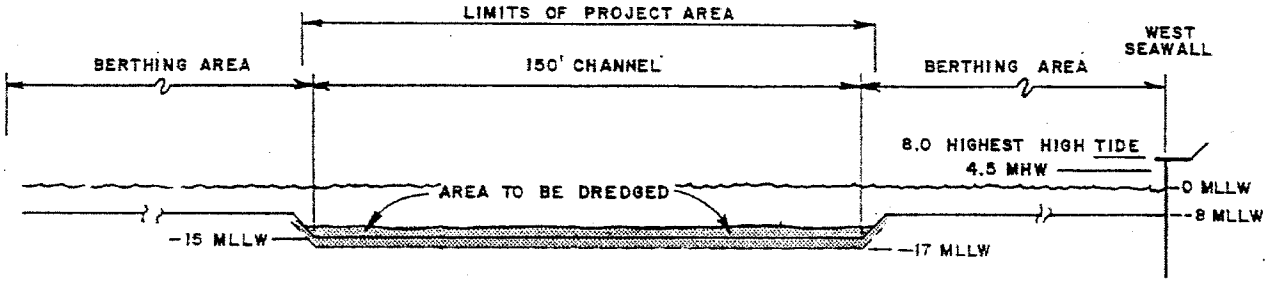


CHANNEL DESIGN DEPTH -10 MLLW
+2 FT. OVER DEPTH

SECTION B-B

BERTHING AREA DESIGN DEPTH -8 MLLW
+2 FT. OVER DEPTH

SILTATION TYPICALLY OCCURS DURING NOVEMBER THRU MAY EACH YEAR AND REQUIRES MAINTENANCE DREDGING. SECTION DRAWINGS ARE TYPICAL OF SHOAL CONDITIONS



SECTION C-C
FEDERAL CHANNEL

CHANNEL DESIGN DEPTH -15 MLLW
+2 FT. OVER DEPTH

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

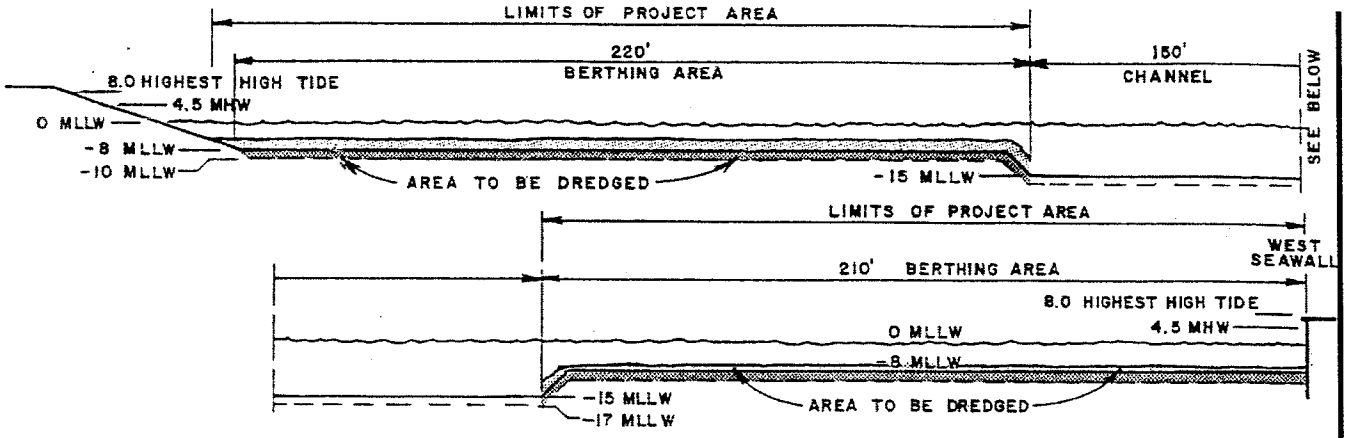
SECTIONS

0 50 100
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

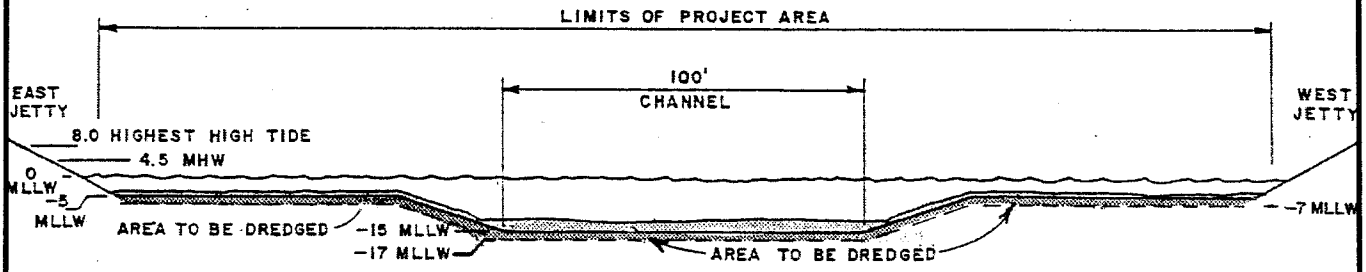
IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011



SECTION C_1-C_1 BERTHING AREAS

BERTHING AREA DESIGN DEPTH -8 MLLW
+2 FT. OVER DEPTH
FOR CHANNEL SEE SECTION C-C

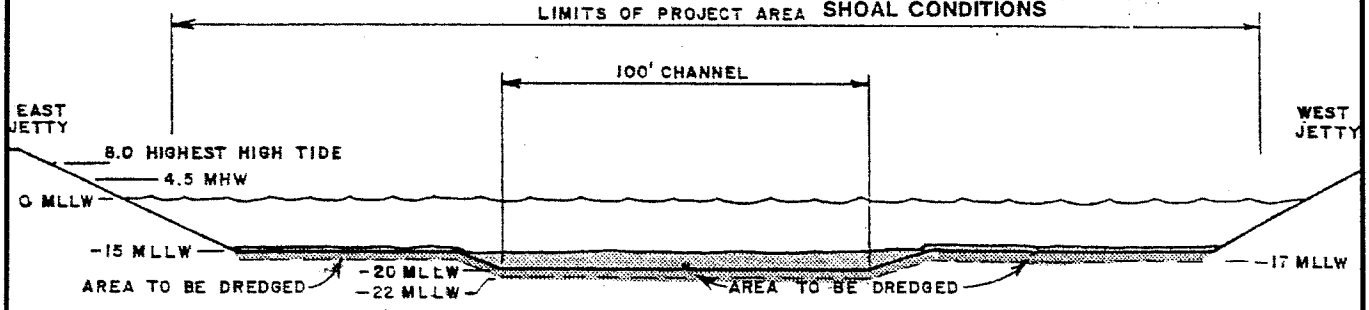


FEDERAL CHANNEL DESIGN DEPTH -15 MLLW
+2 FT. OVER DEPTH

EAST AND WEST SHOULDER AREA DESIGN DEPTH -5 MLLW +2 FT. OVER DEPTH

SECTION D-D

SILTATION TYPICALLY OCCURS DURING NOVEMBER THRU MAY EACH YEAR AND REQUIRES MAINTENANCE DREDGING. SECTION DRAWINGS ARE TYPICAL OF SHOAL CONDITIONS



FEDERAL CHANNEL DESIGN DEPTH -20 MLLW
+2 FT. OVER DEPTH

SECTION E-E

EAST AND WEST SHOULDER AREA DESIGN DEPTH -15 MLLW +2 FT. OVER DEPTH

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

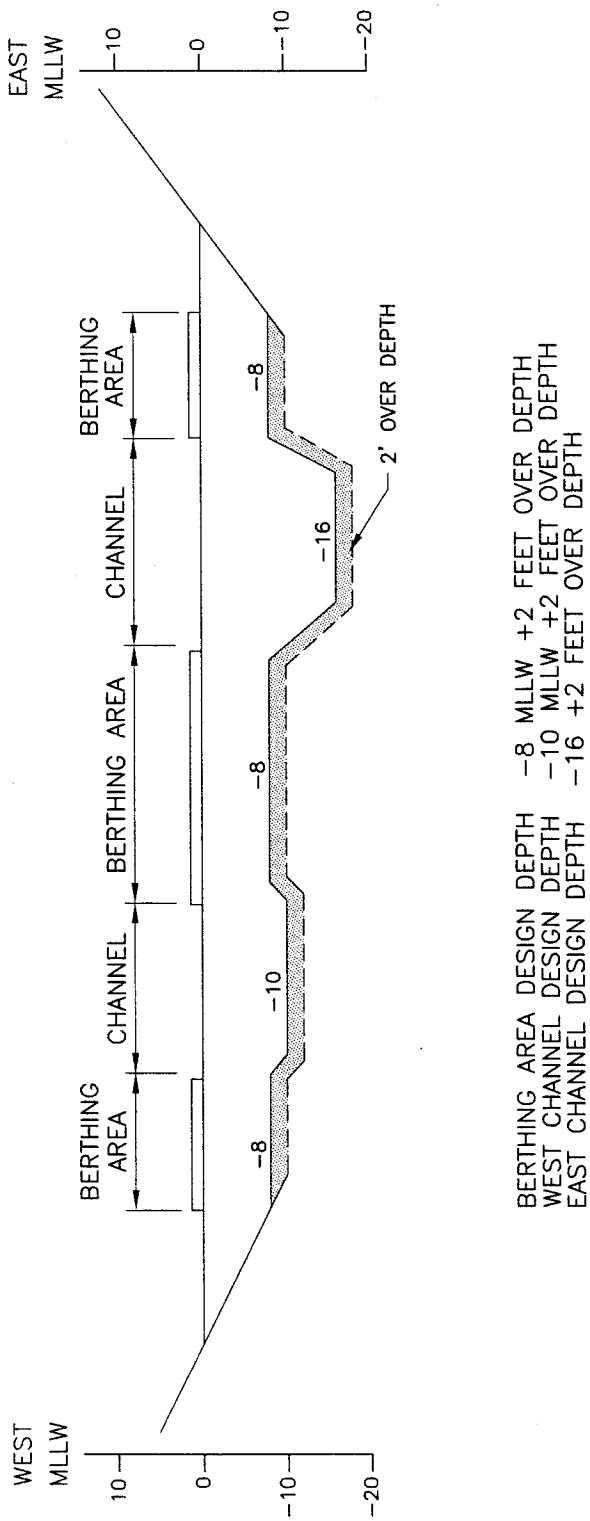
SECTIONS

0 50 100
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011



PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

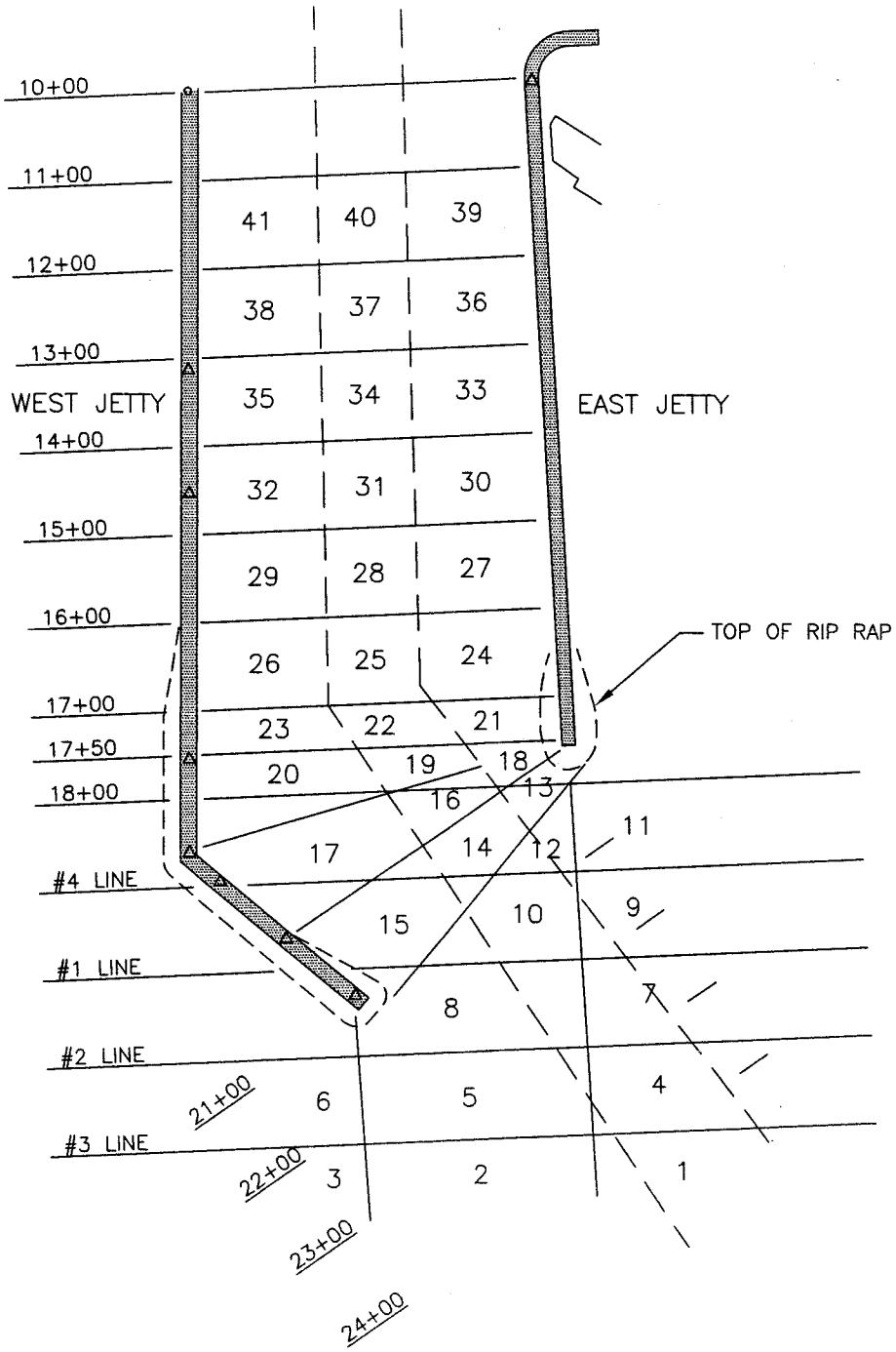
SECTION F-F

0 40 80
HORIZONTAL FEET
0 20 40
VERTICAL FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011



PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

DREDGING QUADRANTS

0 100 200 300 400
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011

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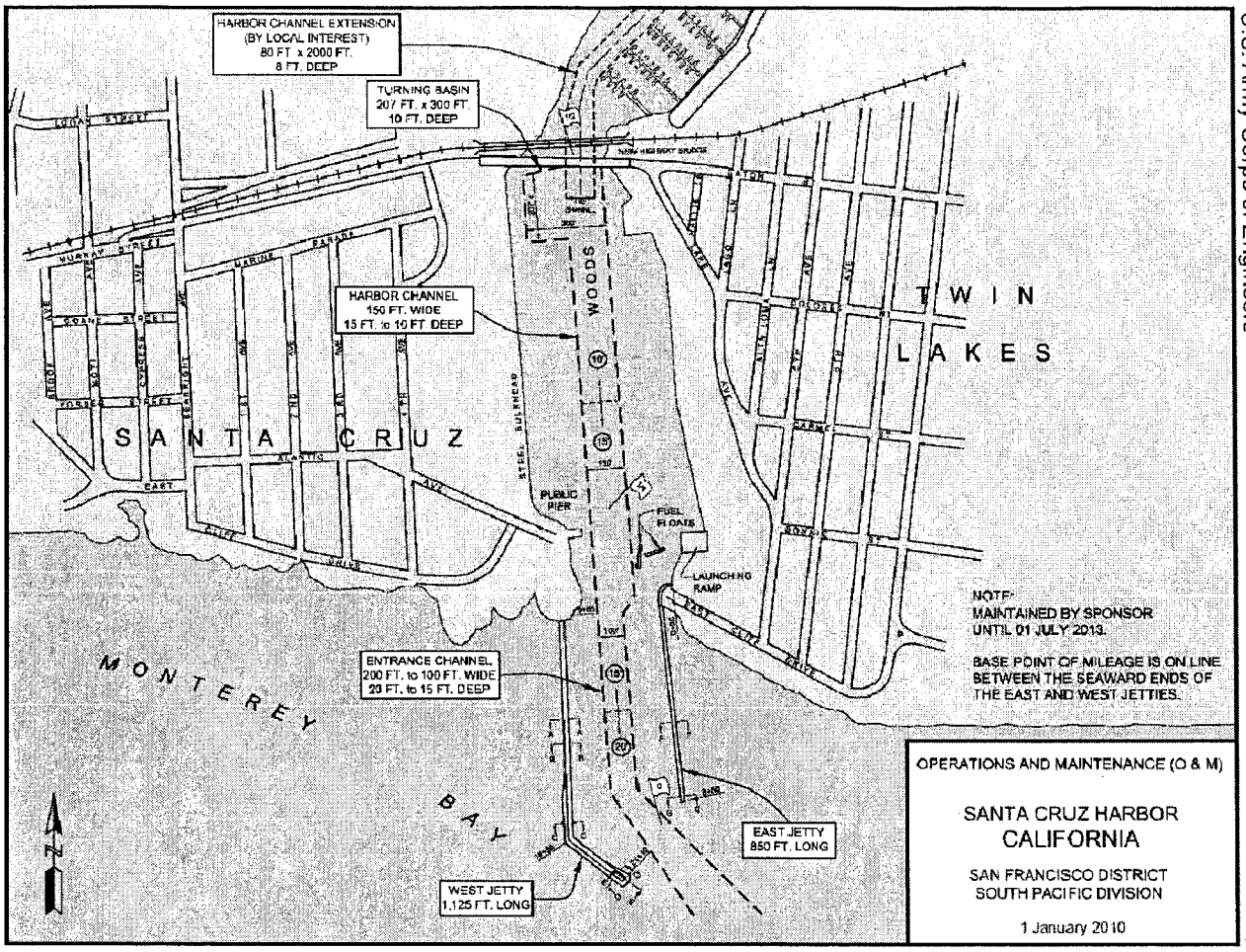

U.S. Army Corps of Engineers

PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS DATUM: MLLW	FEDERAL CHANNEL SANTA CRUZ PORT DISTRICT 135 5th AVENUE SANTA CRUZ, CA 95062	IN: SANTA CRUZ SMALL CRAFT HARBOR AT: NORTH AND SOUTH HARBOR COUNTY OF: SANTA CRUZ FEBRUARY 1, 2011

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Maintenance Dredging
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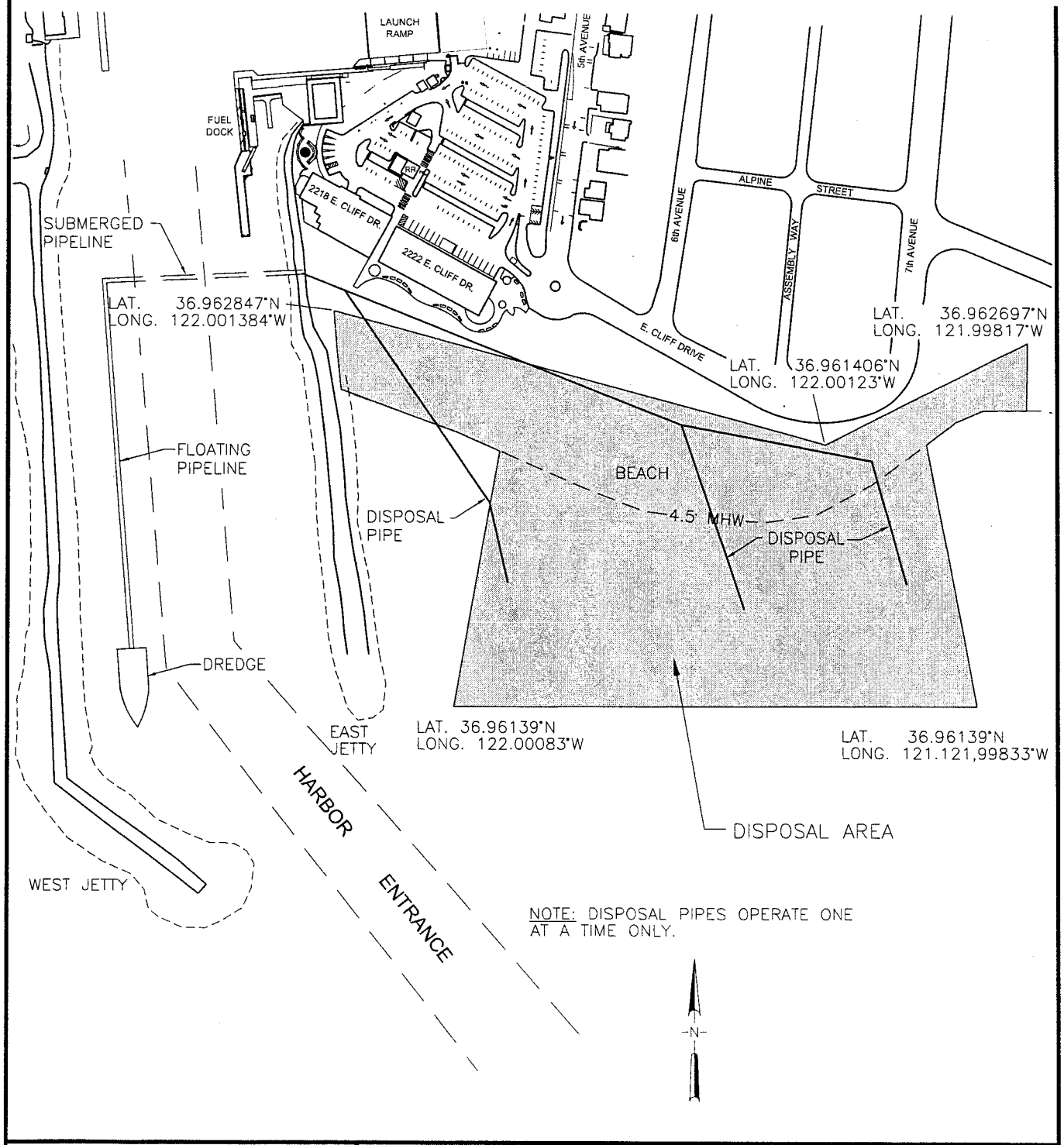
April 2011



PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

DISPOSAL SITE
ALTERNATIVE A

0 100 200 300 400
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011

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Santa Cruz Port District
Maintenance Dredging
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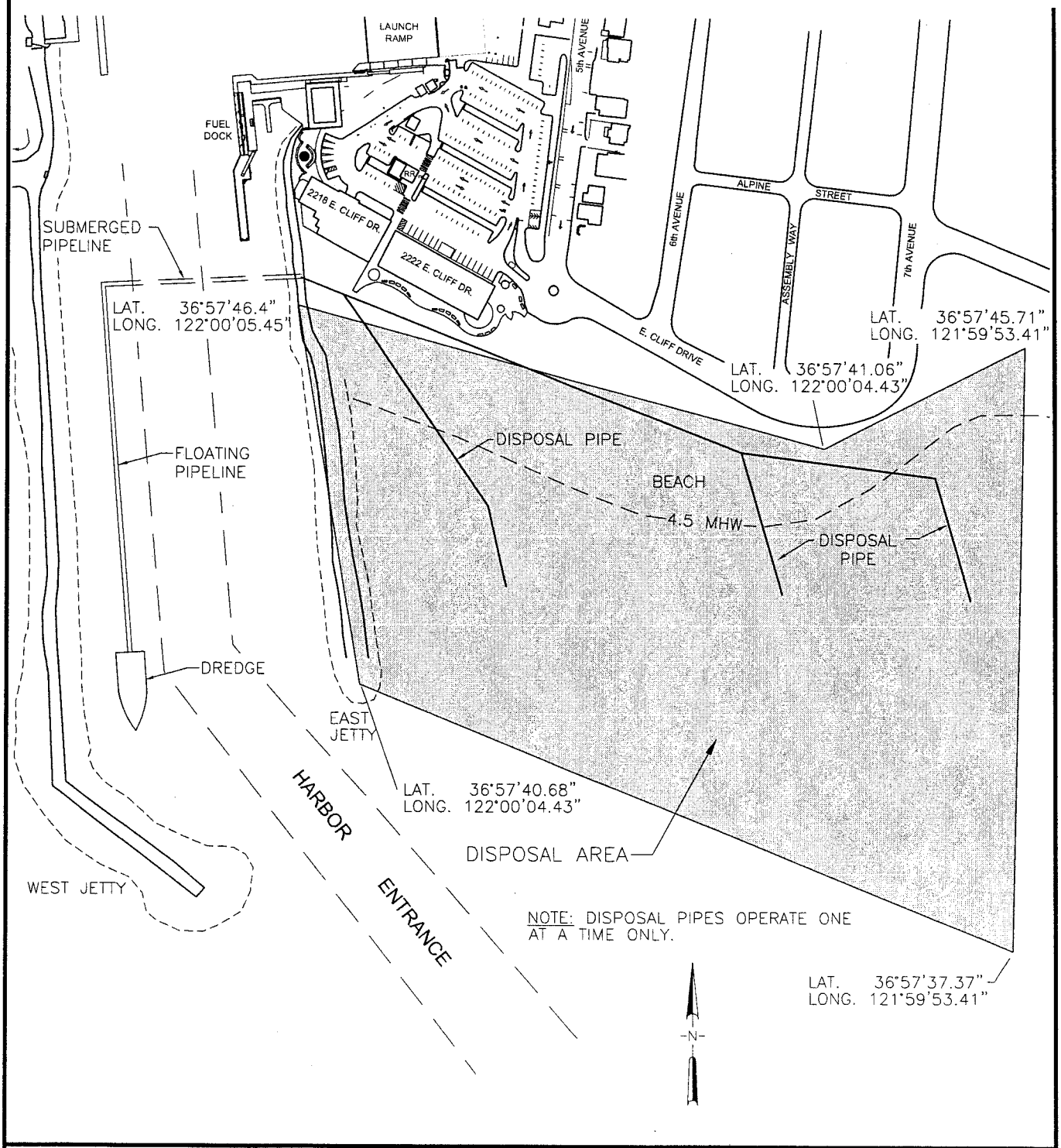
April 2011



PURPOSE: TO MAINTENANCE DREDGE EXISTING ENTRANCE/FEDERAL CHANNEL & BERTHING AREAS IN THE NORTH AND SOUTH HARBORS

DATUM: MLLW

DISPOSAL SITE
ALTERNATIVE B

0 100 200 300 400
FEET

SANTA CRUZ PORT DISTRICT
135 5th AVENUE
SANTA CRUZ, CA 95062

IN: SANTA CRUZ SMALL CRAFT HARBOR
AT: NORTH AND SOUTH HARBOR
COUNTY OF: SANTA CRUZ

FEBRUARY 1, 2011

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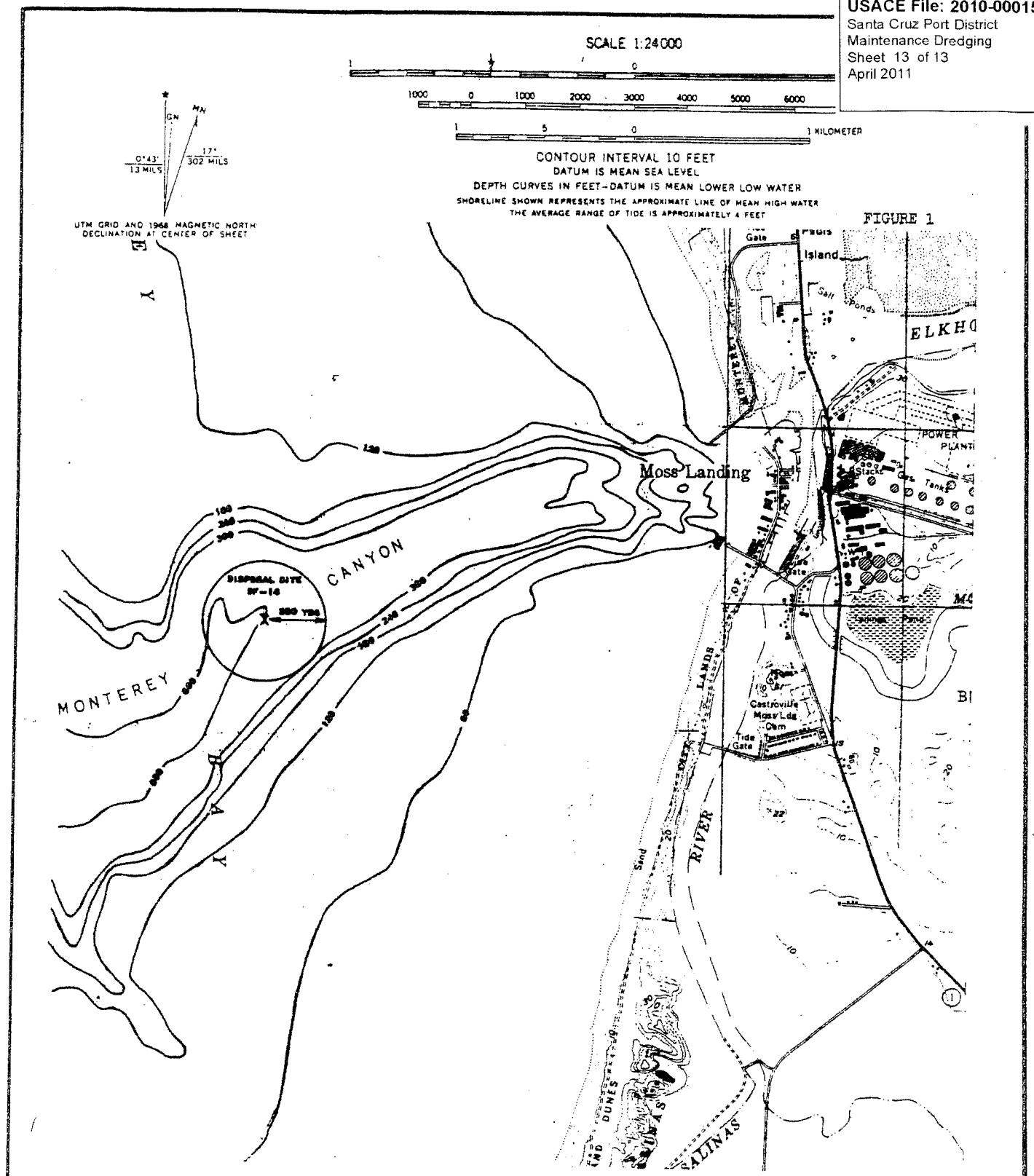

MONTEREY COUNTY CALIFORNIA

LOCATION OF

DISPOSAL SITE – SF-14

MONTEREY BAY CALIFORNIA

IN SHEET SHEET NO.
U.S. ARMY ENGINEER DIST., SAN FRANCISCO, C OF E
DRAWN: FILE NO.
TRACED: TO ACCOMPANY REPORT
CHECKED: DATED FEB. 16, 1962