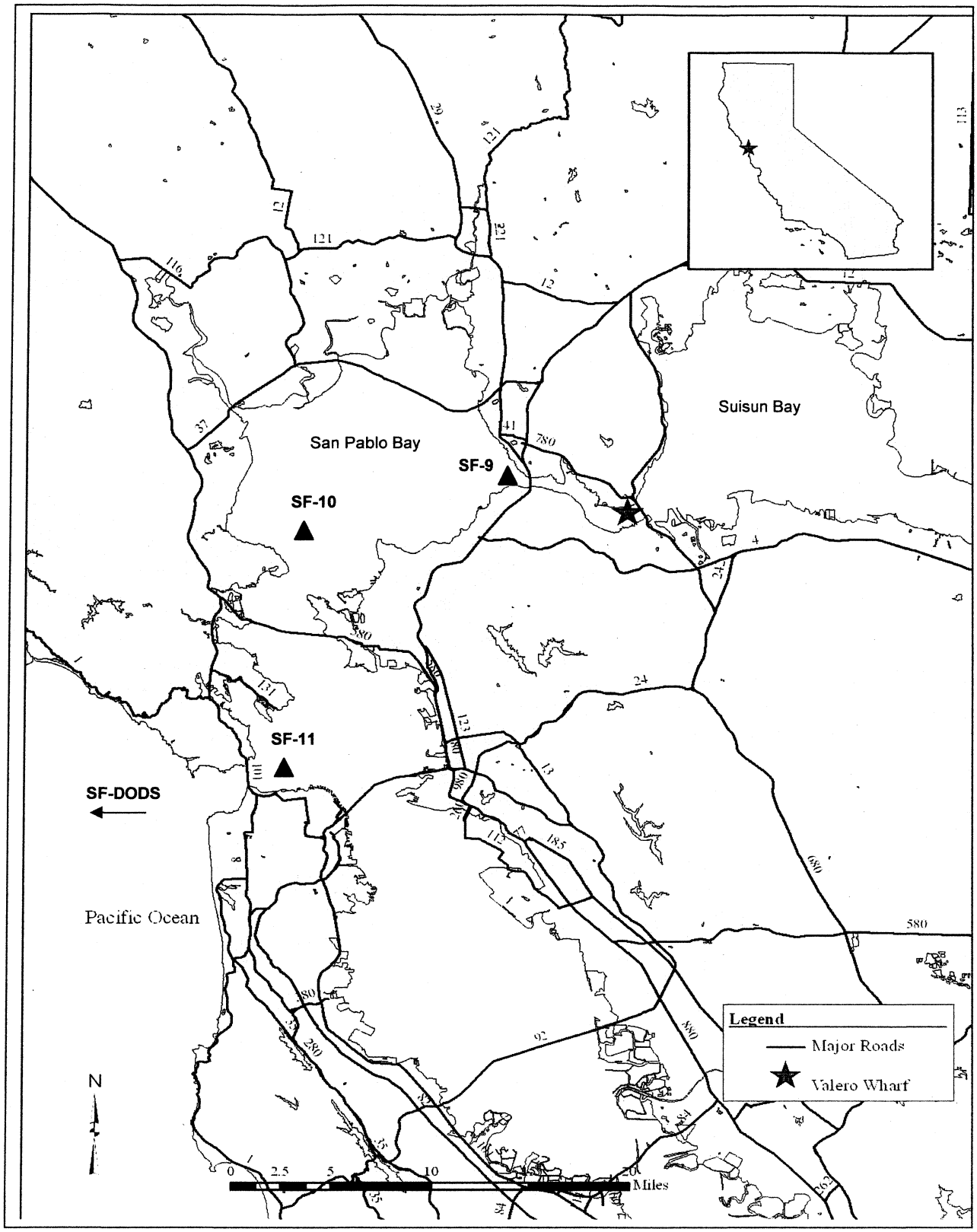

VICINITY MAP
VALERO REFINING COMPANY – CALIFORNIA
BENICIA REFINERY CRUDE DOCK (WHARF)

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Valero Refining Company
Maintenance Dredging
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LOCATION MAP
VALERO REFINING COMPANY – CALIFORNIA
BENICIA REFINERY CRUDE DOCK (WHARF)

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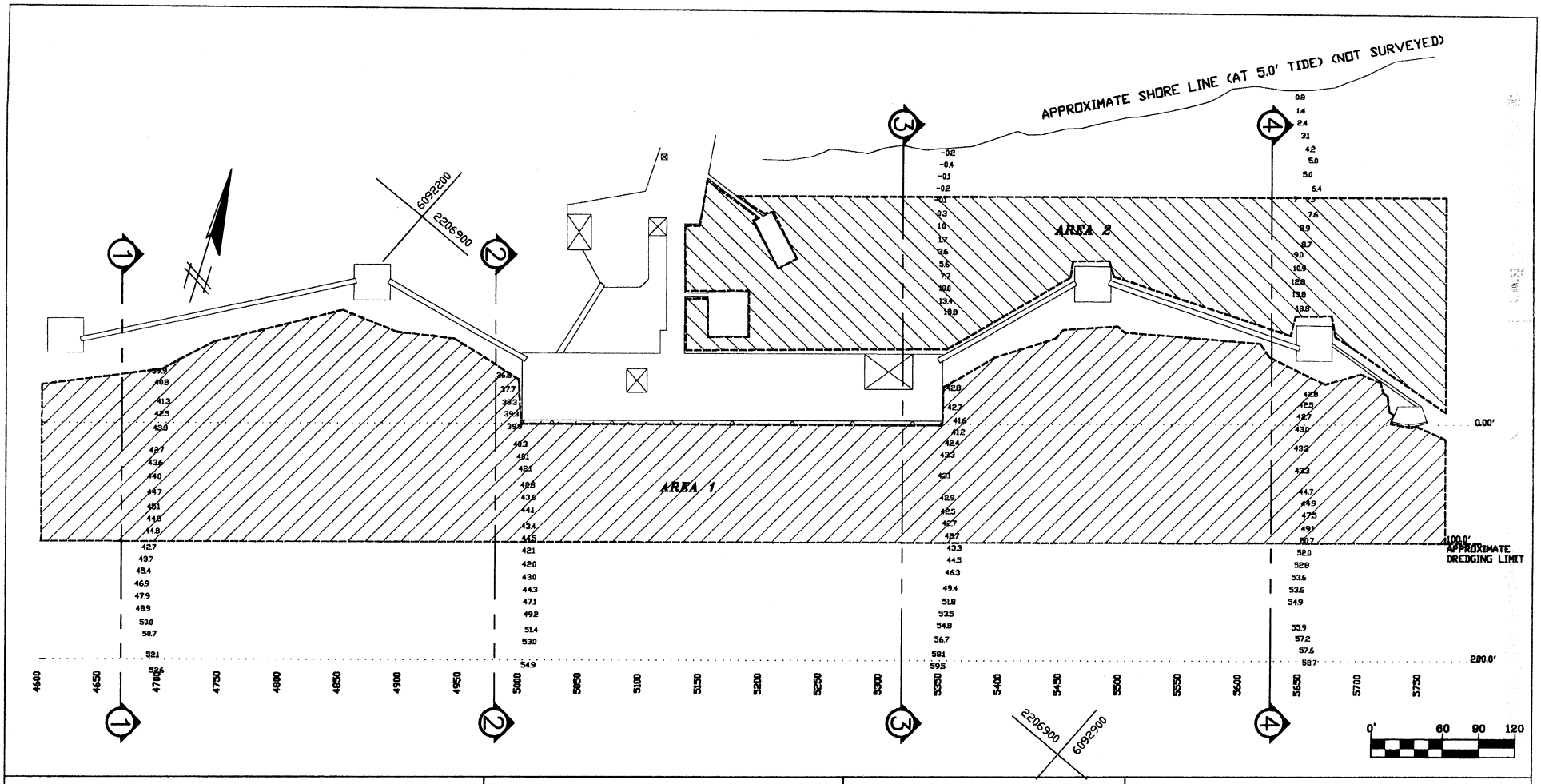

Army Corps of Engineers Permit #26982N
Maintenance Dredging Permit Renewal
OPERATION PLAN SUBMITTAL (ref. DCCE7051.84)

NOTES:

1. NUMBERS SHOWN REPRESENT DEPTHS AT 0.0' TIDE (MLLW DATUM).
2. DEPTHS ARE IN FEET AND TENTHS OF A FOOT.
3. THE DECIMAL POINT IS THE LOCATION OF THE DEPTH READING.
4. DATUM USED IS N.O.S. B.M. 5111D (ELEV.=10.19 M.L.L.W.)

Survey Certification

I certify that, to the best of my knowledge, this survey is accurate.

SIGNATURE John Lasorik

DATE 11/28/12

John Lasorik, Environmental Staff Engineer
Submitted on behalf of Valero Refining Company-California

SURVEYED BY:
Connexsys Eng. Inc.
3075 Research Dr.
Richmond, Ca.
94806-5206
Ph. (510) 243-2050

Hydrographic Survey
Valero Crude Wharf
Benicia, California

OPERATION PLAN SURVEY

Surveyed: September 28, 2012 SCALE: 1" = 120'

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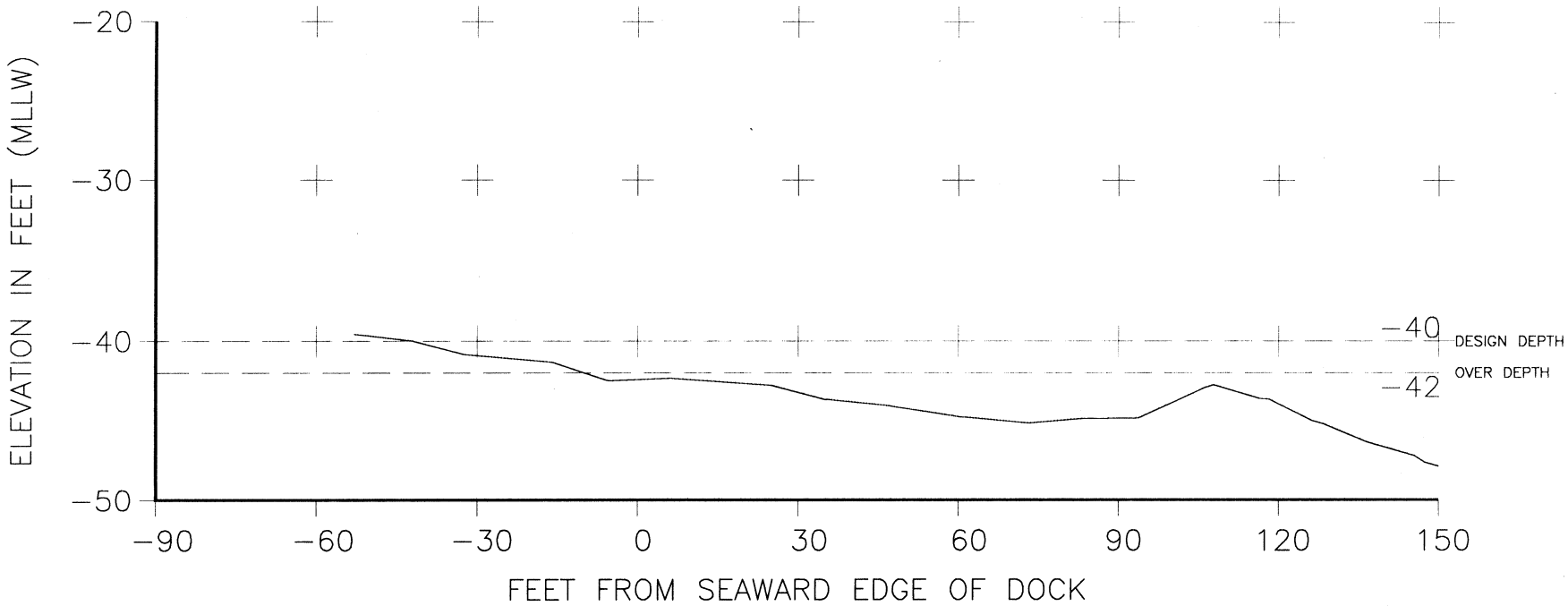
VALERO CRUDE WHARF – STATION 47
SECTION 1



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Maintenance Dredging
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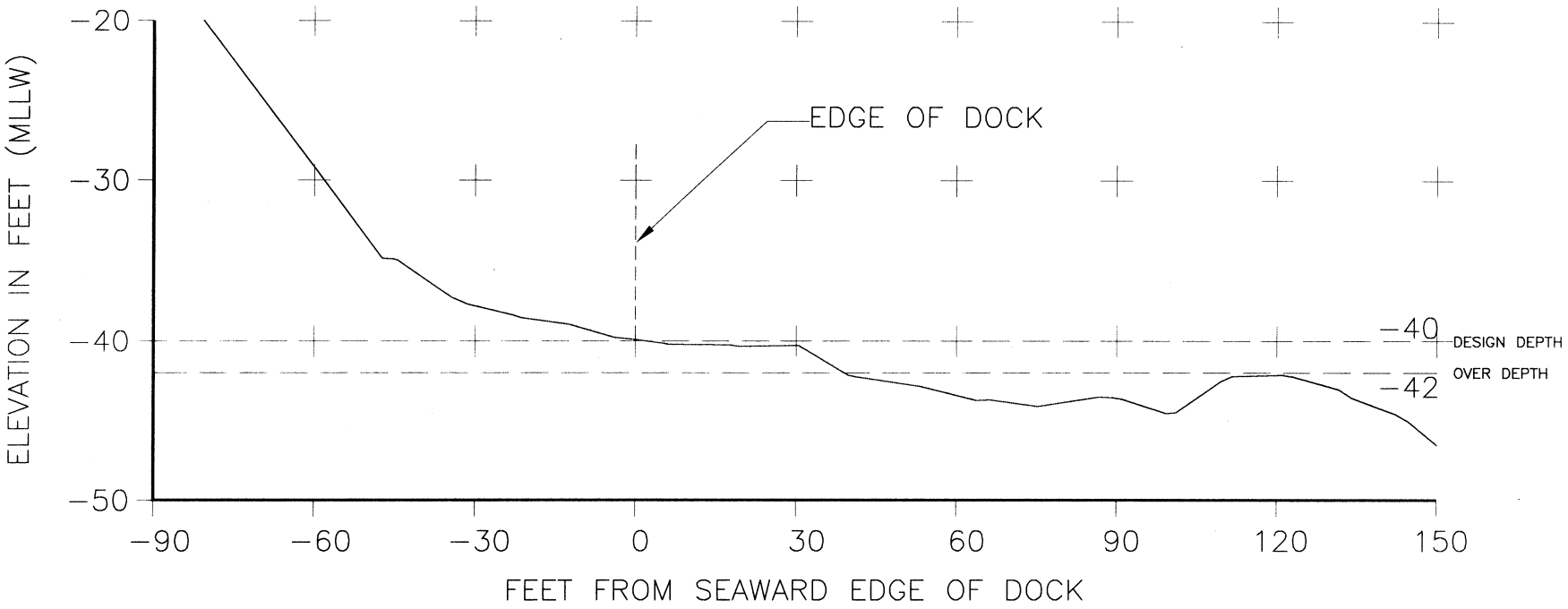
NOTES:

1. CROSS SECTIONS BASED ON PRE DREDGE HYDROGRAPHIC SURVEY OF PERMITTED DREDGING EPISODE. SURVEYED BY: CONNEXSYS ENG. INC. 3075 RESEARCH DRIVE RICHMOND, CA 94806-5206
2. FOR REFERENCE, A ZERO BASELINE IS ESTABLISHED COINCIDENT WITH THE SEAWARD EDGE OF DOCK.

LEGEND

——— PRE-DREDGE SURVEY PERFORMED SEPTEMBER 28, 2012

VALERO CRUDE WHARF – STATION 50
SECTION 2



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Maintenance Dredging
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NOTES:

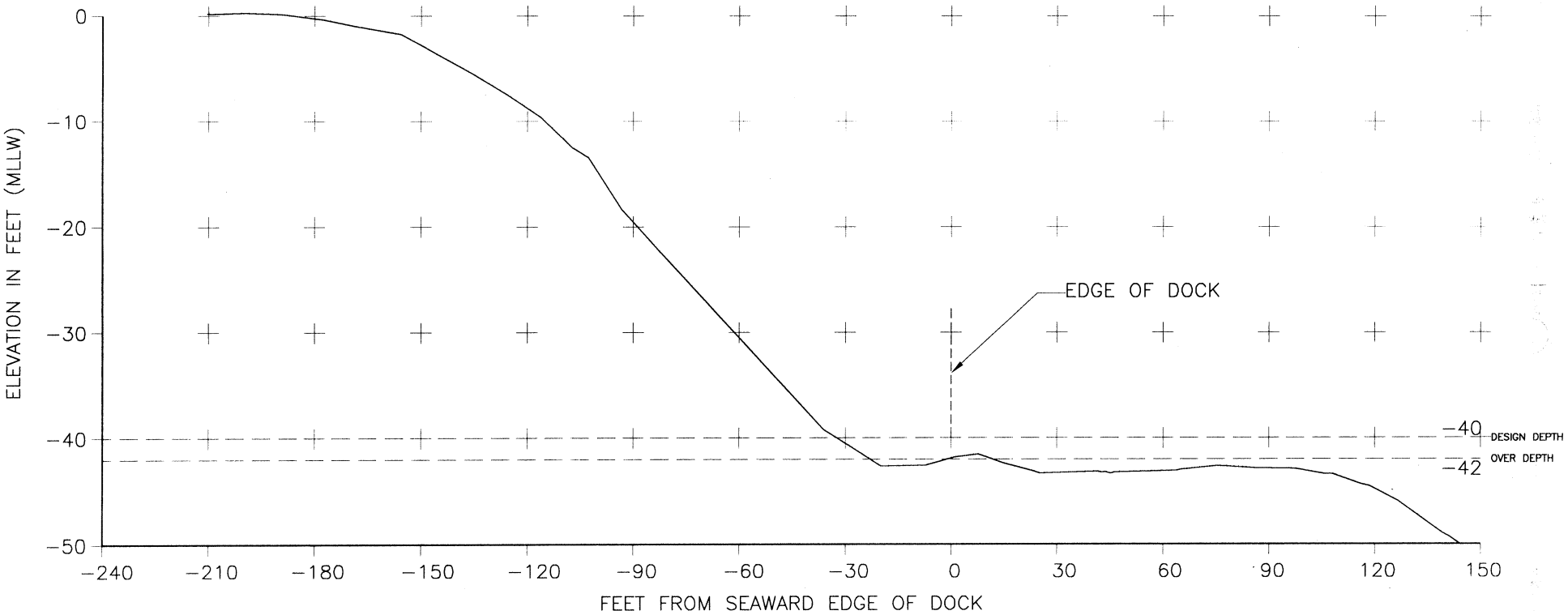
1. CROSS SECTIONS BASED ON PRE DREDGE HYDROGRAPHIC SURVEY OF PERMITTED DREDGING EPISODE. SURVEYED BY: CONNEXSYS ENG. INC. 3075 RESEARCH DRIVE RICHMOND, CA 94806-5206
2. FOR REFERENCE, A ZERO BASELINE IS ESTABLISHED COINCIDENT WITH THE SEAWARD EDGE OF DOCK.

LEGEND

——— PRE-DREDGE SURVEY PERFORMED SEPTEMBER 28, 2012

Section 3

VALERO CRUDE WHARF – STATION 53+50: SECT



NOTES:

1. CROSS SECTIONS BASED ON PRE DREDGE HYDROGRAPHIC SURVEY OF PERMITTED DREDGING EPISODE. SURVEYED BY: CONNEXSYS ENG. INC. 3075 RESEARCH DRIVE RICHMOND, CA 94806-5206
2. FOR REFERENCE, A ZERO BASELINE IS ESTABLISHED COINCIDENT WITH THE SEAWARD EDGE OF DOCK.

LEGEND

——— PRE-DREDGE SURVEY PERFORMED SEPTEMBER 28, 2012

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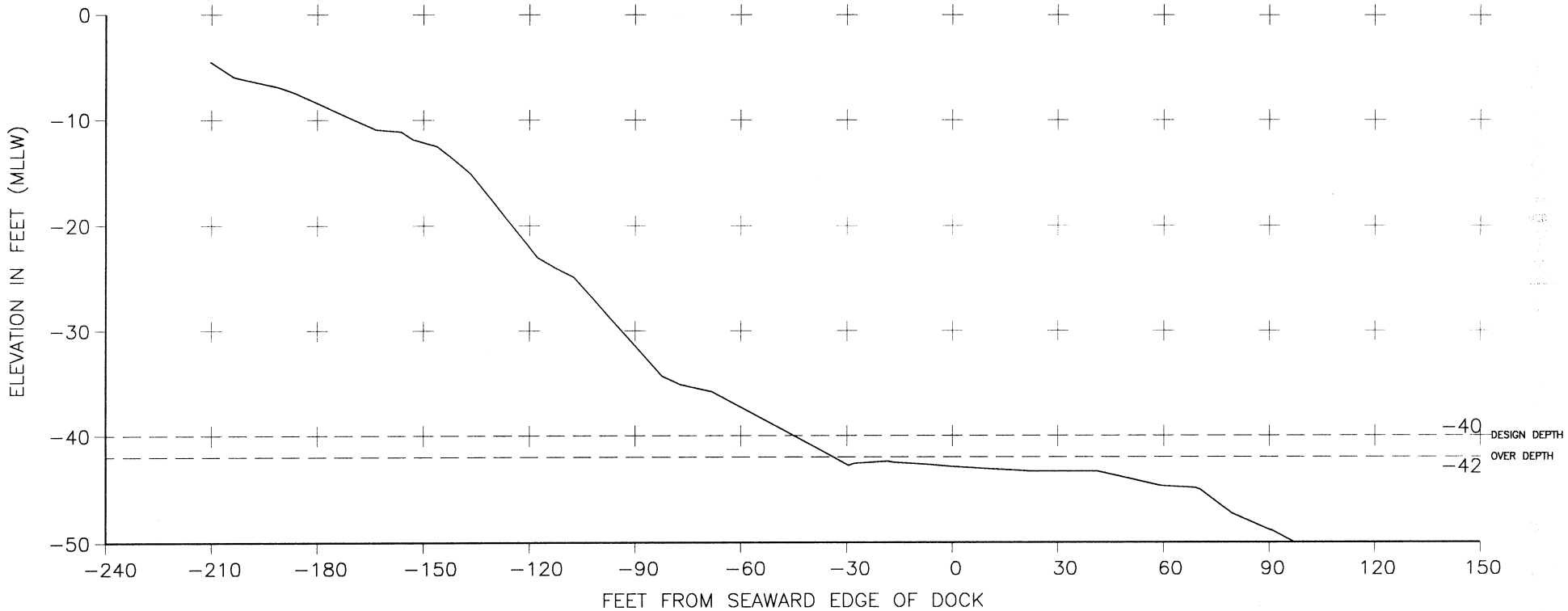
Section 4

VALERO CRUDE WHARF – STATION 56+50: SECT



NOTES:

1. CROSS SECTIONS BASED ON PRE DREDGE HYDROGRAPHIC SURVEY OF PERMITTED DREDGING EPISODE. SURVEYED BY: CONNEXSYS ENG. INC. 3075 RESEARCH DRIVE RICHMOND, CA 94806-5206
2. FOR REFERENCE, A ZERO BASELINE IS ESTABLISHED COINCIDENT WITH THE SEAWARD EDGE OF DOCK.

LEGEND

——— PRE-DREDGE SURVEY PERFORMED SEPTEMBER 28, 2012

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