CALIFORNIA COASTAL COMMISSION
SOUTH CENTRAL COAST DISTRICT OFFICE
89 SOUTH CALIFORNIA STREET, SUITE 200
VENTURA, CA 93001-2801
VOICE (805) 585-1800
FAX (805) 641-1732

F16a

4-21-0103 (City of Santa Barbara Sediment Management Program)

April 28, 2022

EXHIBITS

EXHIBIT 1.....2

EXHIBIT 2.....3

EXHIBIT 3.....7

EXHIBIT 4.....18

EXHIBIT 5.....19

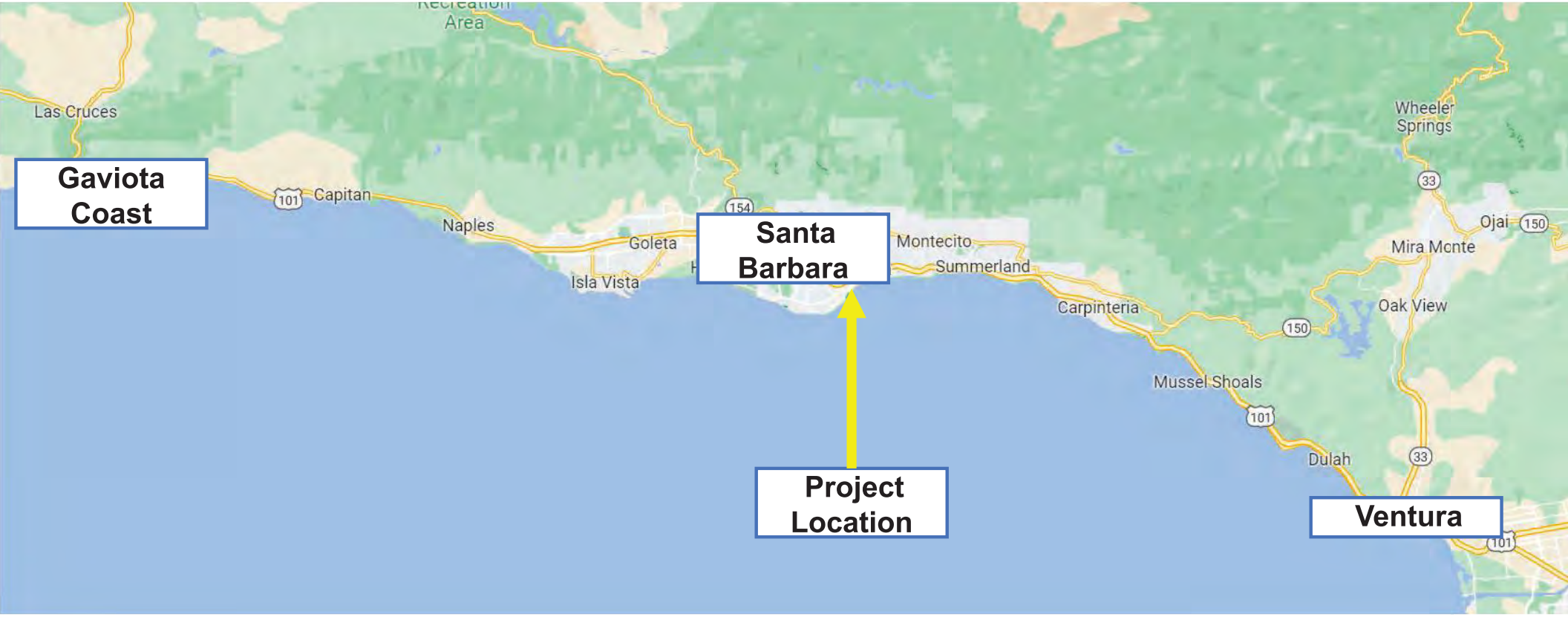


Exhibit 1.
4-21-0103
City of Santa Barbara Sediment Management Program
Vicinity Map

Exhibit 2.
4-21-0103
City of Santa Barbara Sediment Management Program
Project Location Aerial View

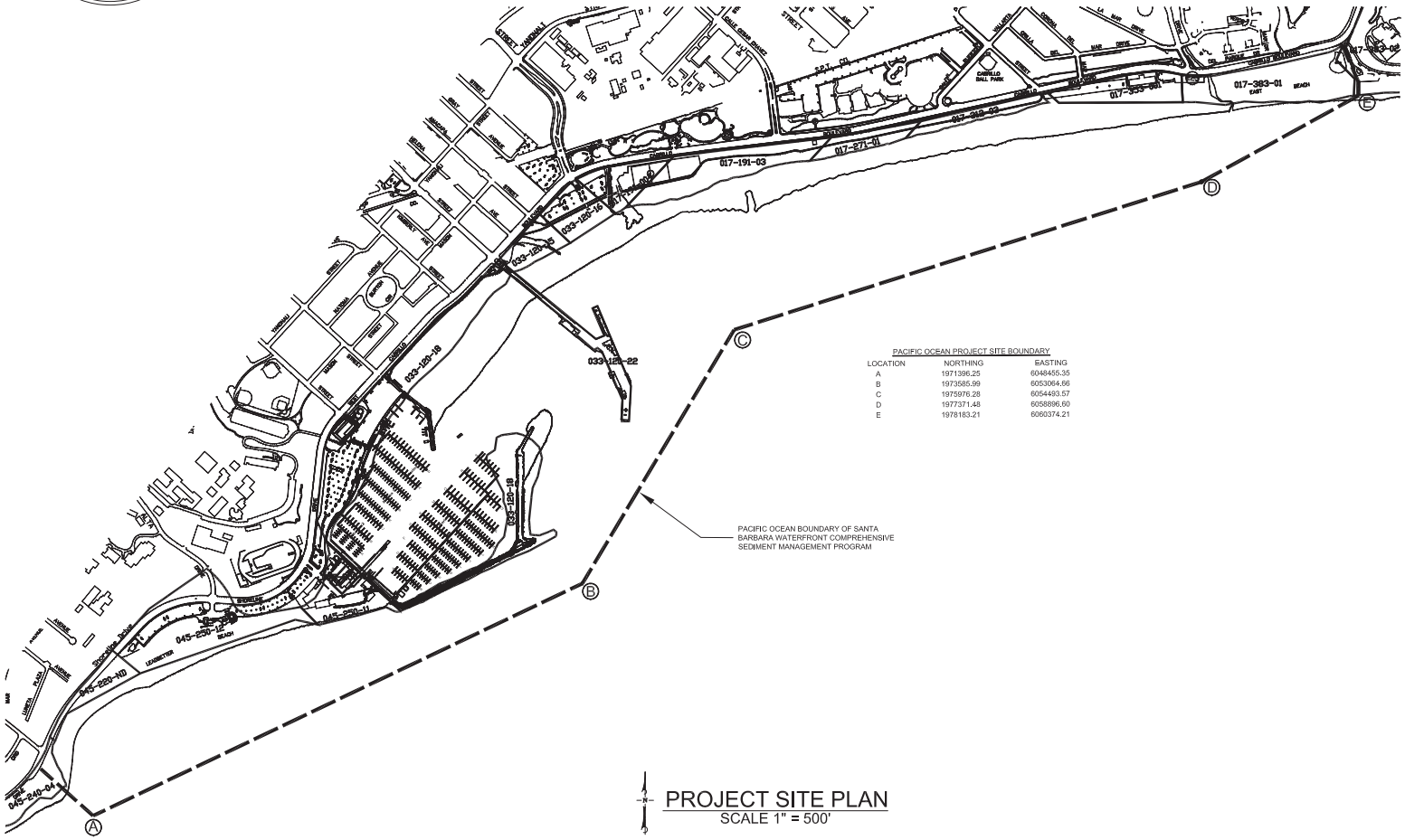
West Beach Berm
Santa Barbara
275 '
Legend
Storm Drains
Staging Area
Proposed Sand Berm
Creeks
Limits of Work
0
130
260
520
US Feet
N

East Beach Mission Creek Berm
Santa Barbara
725 '
N
0
135
270
540
US Feet
Legend
Storm Drains
Staging Area
Proposed Sand Berm
Creeks
Limits of Work

Santa Barbara
East Beach Cabrillo
Pavilion Berm
350'
Legend
Storm Drains
Staging Area
Proposed Sand Berm
Creeks
Limits of Work
0
145
290
580
US Feet
N

CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM



PACIFIC OCEAN PROJECT SITE BOUNDARY

LOCATION	NORTHING	EASTING
A	1971396.25	6048455.35
B	1973585.99	6053064.96
C	1975976.28	6054493.57
D	1977371.48	6058896.60
E	1978183.21	6060374.21

PROJECT SITE PLAN
SCALE 1" = 500'

OWNER
CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT
132-A HARBOR WAY
SANTA BARBARA, CA 93109

CONTACT
KARL TREIBERG
WATERFRONT FACILITIES MANAGER
132-A HARBOR WAY
SANTA BARBARA, CA 93109
(805) 564-5527

GENERAL NOTES
1. COORDINATES ARE BASED ON LAMBERT CONFORMAL PROJECTION FOR ZONE 5, CALIFORNIA NAD83-FEET.
2. VERTICAL DATUM HAS BEEN ADJUSTED TO MEAN LOWER LOW WATER (MLLW).
3. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

PROJECT DESCRIPTION
THIS PROJECT PROPOSES A COMPREHENSIVE 10-YEAR SEDIMENT MANAGEMENT PROGRAM TO CONTINUE PERIODIC MAINTENANCE DREDGING, DEPOSITION, GRADING AND BEACH GROOMING FOR SANTA BARBARA HARBOR, SURROUNDING BEACHES, AND WATERFRONT AREA. PROJECT OBJECTIVES ARE TO MAINTAIN SAFE MARITIME NAVIGATION, MINIMIZE HAZARDOUS SHOALING CONDITIONS, PROTECT ADJACENT DEVELOPMENT FROM WAVE DAMAGE AND FLOODING, MAINTAIN APPROPRIATE SAND BALANCE TO OFFSET EROSION, AND MAINTAIN SANDY BEACHES AND AESTHETICS.

PROJECT STATISTICS

ZONES: HC/PR/SO-3

APNS: 045-240-004, 045-220-ND, 045-250-012, 045-250-011, 033-120-018, 033-120-015, 033-120-016, 017-191-003, 017-191-004, 017-271-001, 017-312-003, 017-353-001, 017-383-004, 017-383-002, 017-383-001

LOCATION: LEADBETTER BEACH, HARBOR, WEST BEACH AND EAST BEACH. PROJECT AREA IS BOUNDED BY WEST END OF LEADBETTER BEACH (SANTA BARBARA POINT), EASTERN END OF EAST BEACH (CLARK ESTATE), CABRILLO BOULEVARD AND PACIFIC OCEAN.

Sheet Index

Sheet #	Description
1	TITLE PAGE
2	LEADBETTER BEACH
3	HARBOR
4	WEST BEACH
5	EAST BEACH
6	MISSION CREEK & LAGUNA CHANNEL CONTOURS
7	MISSION CREEK & LAGUNA CHANNEL SECTIONS
8	SYCAMORE CREEK & BIRD REFUGE DRAINAGE CONTOURS
9	SECTIONS
10	SECTIONS & STORM DRAIN LOCATIONS
11	TRAFFIC PLAN & BEACH ACCESS POINTS

VICINITY MAP
NTS

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 TITLE PAGE

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

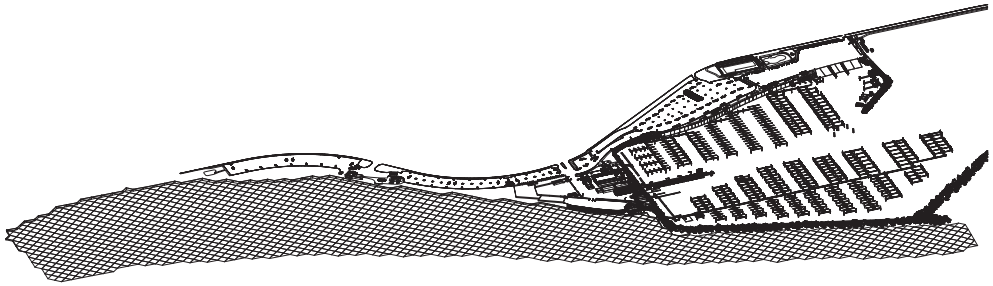
SCALE: NOTED
FACTOR:
VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 1 OF 11 SHTS.
DWG.NO. 6000-010

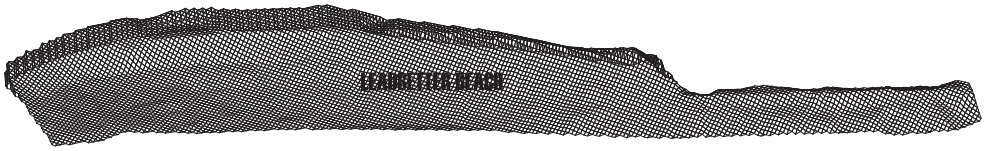
Exhibit 3.
4-21-0103
City of Santa Barbara Sediment Management Program Project Plans

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 LEADBETTER BEACH

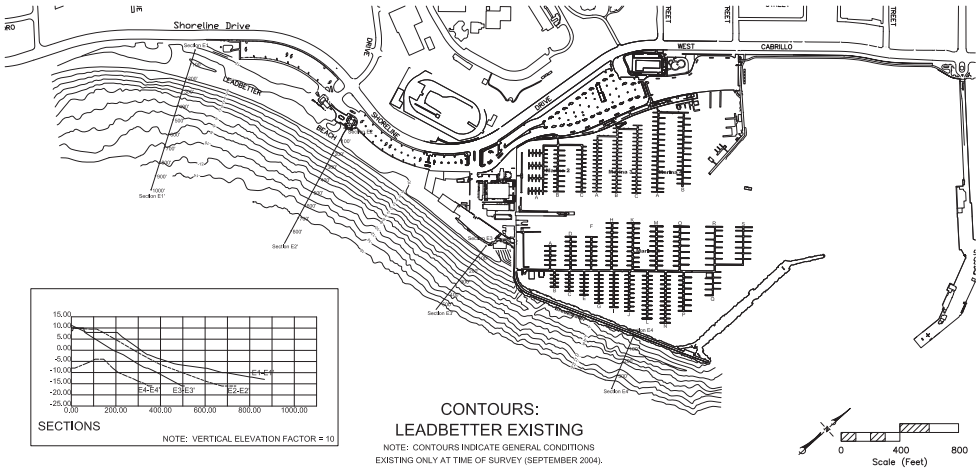
EXISTING



3-D VIEW:
LEADBETTER EXISTING

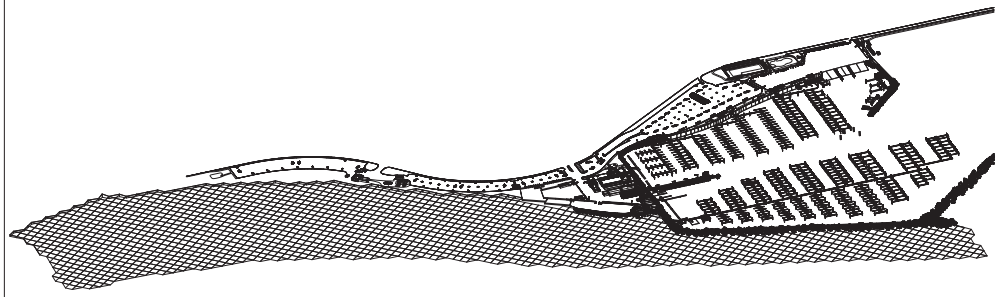


3-D MODEL:
LEADBETTER EXISTING
NOTE: VERTICAL ELEVATION FACTOR = 10

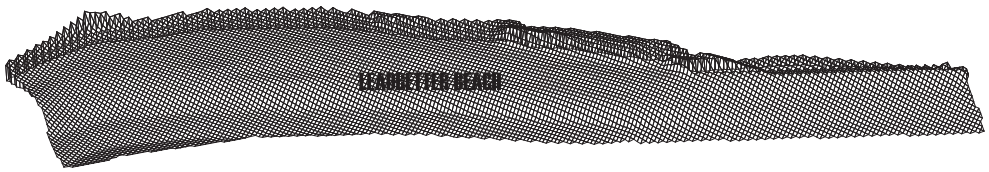


CONTOURS:
LEADBETTER EXISTING
NOTE: CONTOURS INDICATE GENERAL CONDITIONS
EXISTING ONLY AT TIME OF SURVEY (SEPTEMBER 2004).

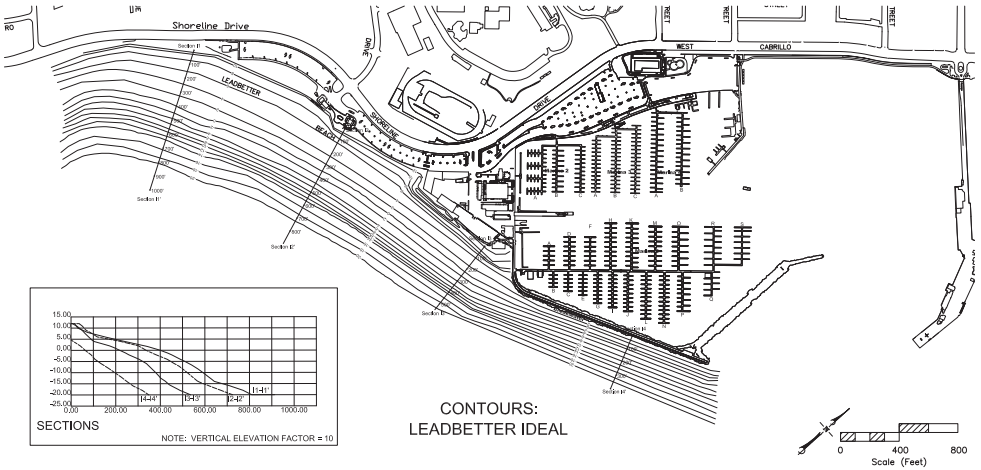
IDEAL



3-D VIEW:
LEADBETTER IDEAL



3-D MODEL:
LEADBETTER IDEAL
NOTE: VERTICAL ELEVATION FACTOR = 10



CONTOURS:
LEADBETTER IDEAL

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

LEADBETTER BEACH

BEACH CONFIGURATIONS

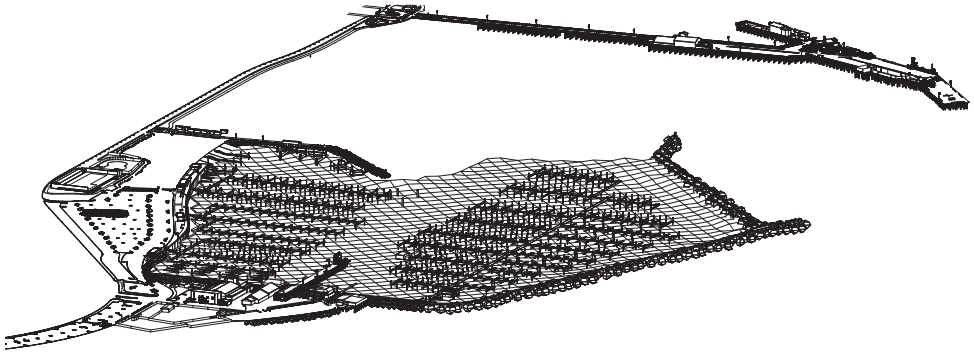
SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

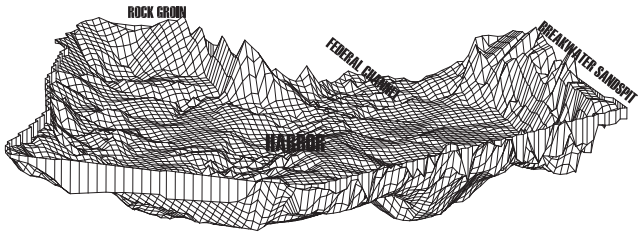
SCALE: NOTED
FACTOR:
VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 2 OF 11 SHTS.
DWG.NO. 6000-010

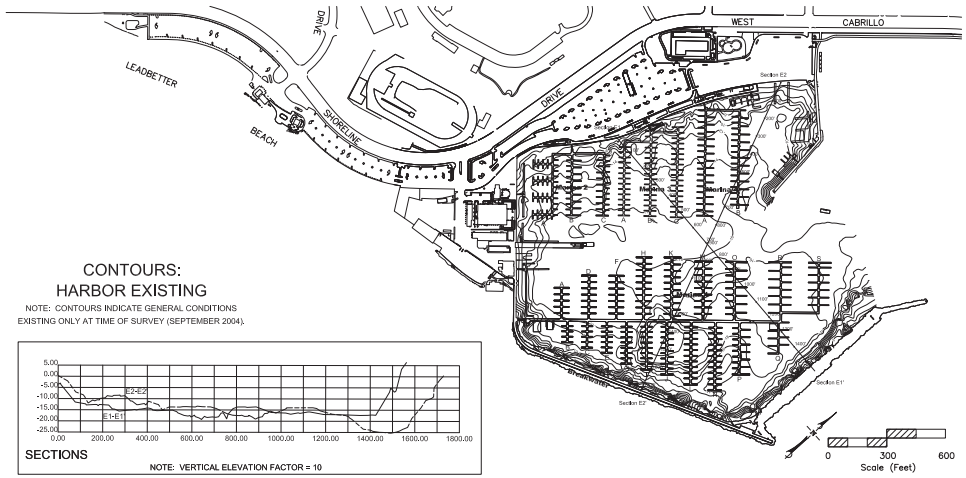
EXISTING



3-D VIEW:
HARBOR EXISTING



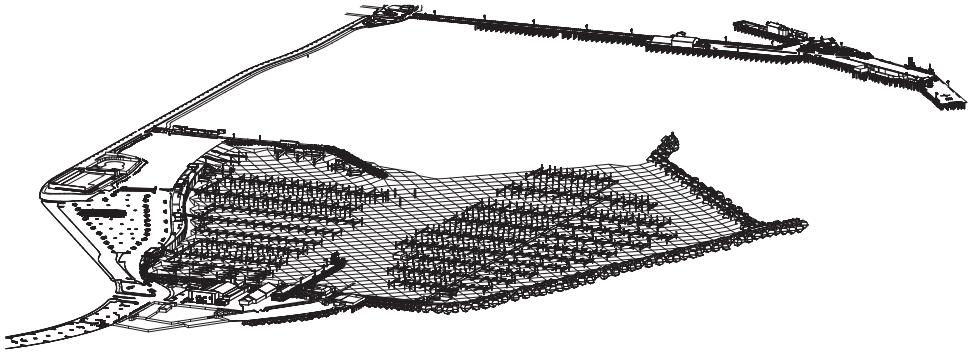
3-D MODEL:
HARBOR EXISTING
NOTE: VERTICAL ELEVATION FACTOR = 10



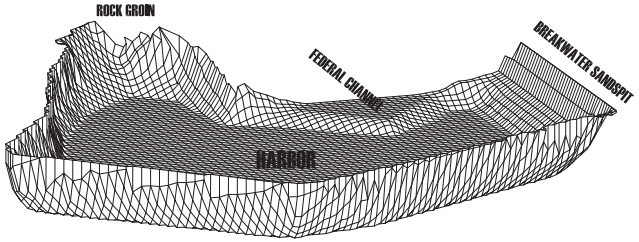
CONTOURS:
HARBOR EXISTING
NOTE: CONTOURS INDICATE GENERAL CONDITIONS EXISTING ONLY AT TIME OF SURVEY (SEPTEMBER 2004).

SECTIONS
NOTE: VERTICAL ELEVATION FACTOR = 10

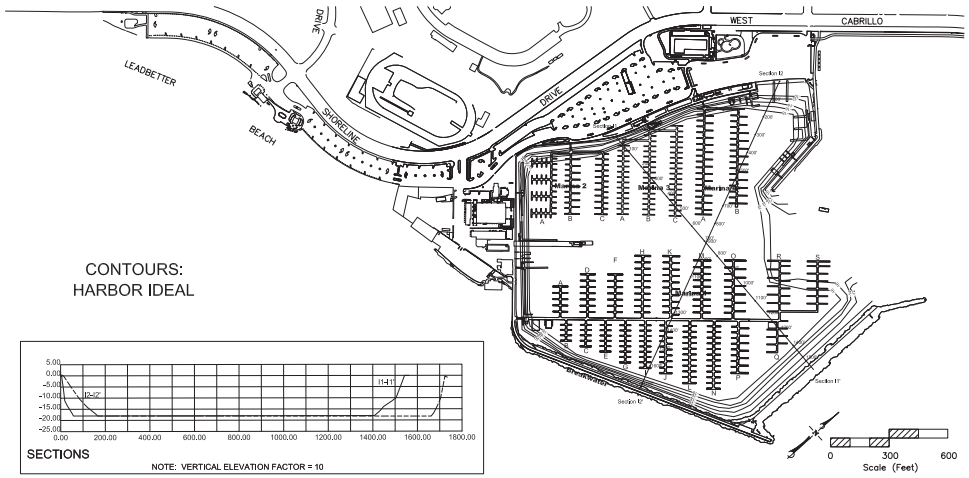
IDEAL



3-D VIEW:
HARBOR IDEAL



3-D MODEL:
HARBOR IDEAL
NOTE: VERTICAL ELEVATION FACTOR = 10



CONTOURS:
HARBOR IDEAL

SECTIONS
NOTE: VERTICAL ELEVATION FACTOR = 10

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 HARBOR

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

HARBOR

BEACH CONFIGURATIONS

SANTA BARBARA, CALIFORNIA

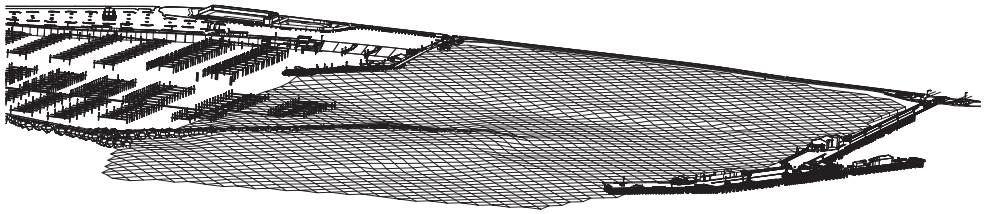
CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

SCALE: NOTED
FACTOR:
VERT. NOTED
HOR. NOTED

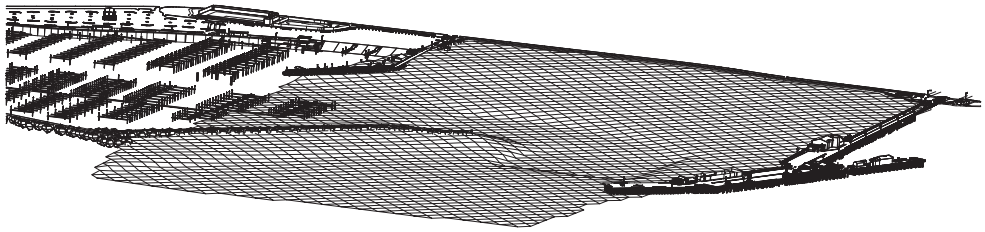
PROJ.NO. 9926
SHT. 3 OF 11 SHTS.
DWG.NO. 6000-010

EXISTING

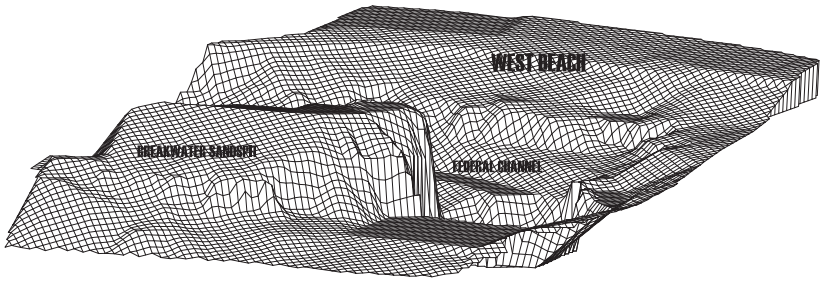
IDEAL



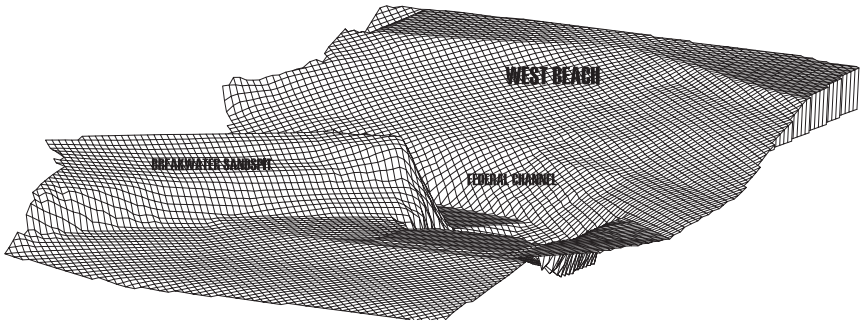
3-D VIEW:
WEST BEACH EXISTING



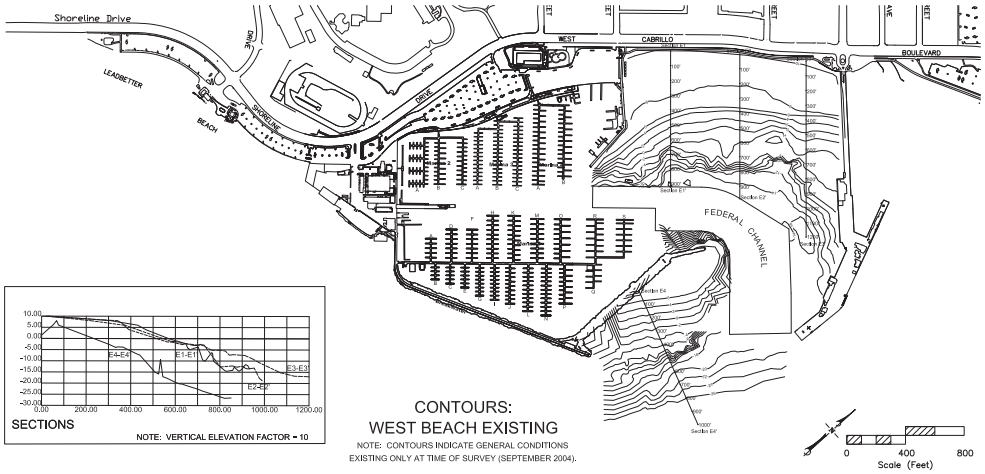
3-D VIEW:
WEST BEACH IDEAL



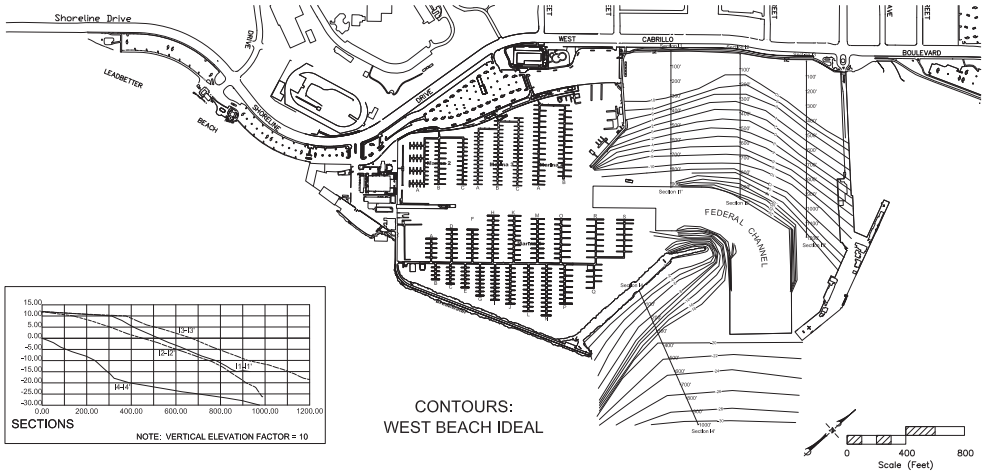
3-D MODEL:
WEST BEACH EXISTING
NOTE: VERTICAL ELEVATION FACTOR = 10



3-D MODEL:
WEST BEACH IDEAL
NOTE: VERTICAL ELEVATION FACTOR = 10



CONTOURS:
WEST BEACH EXISTING
NOTE: CONTOURS INDICATE GENERAL CONDITIONS
EXISTING ONLY AT TIME OF SURVEY (SEPTEMBER 2004).



CONTOURS:
WEST BEACH IDEAL

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 WEST BEACH

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

WEST BEACH

BEACH CONFIGURATIONS

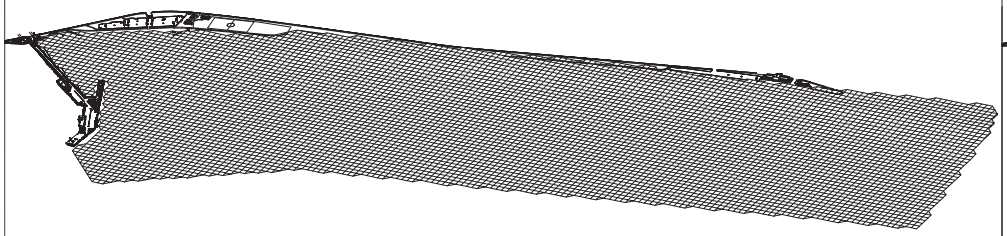
SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

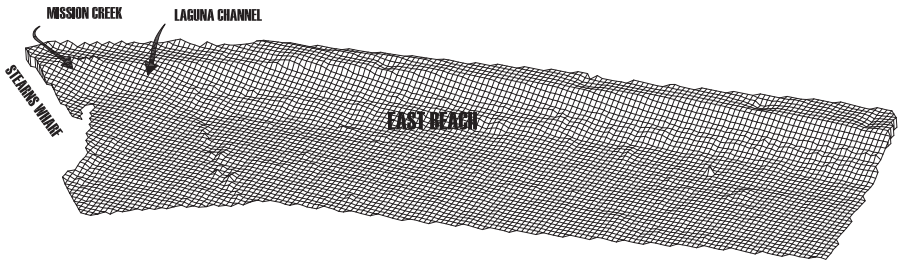
SCALE: NOTED
FACTOR:
VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 4 OF 11 SHTS.
DWG.NO. 6000-010

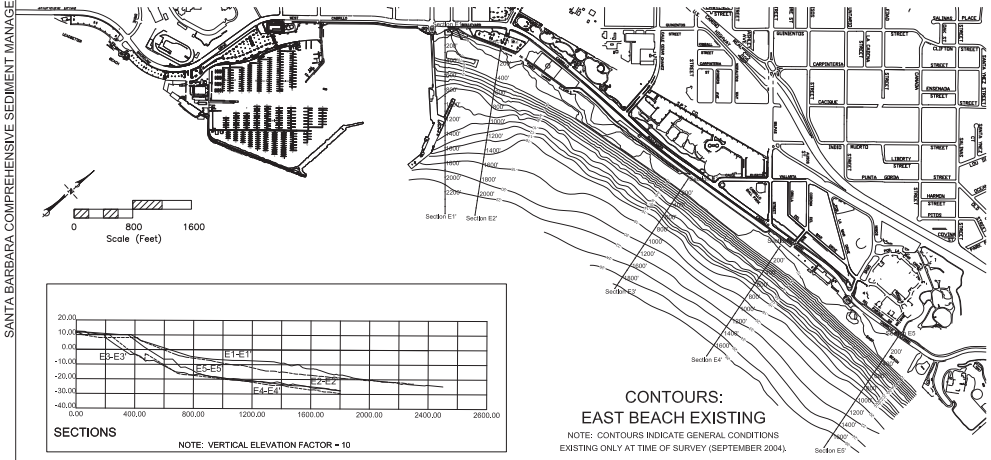
EXISTING



3-D VIEW:
EAST BEACH EXISTING



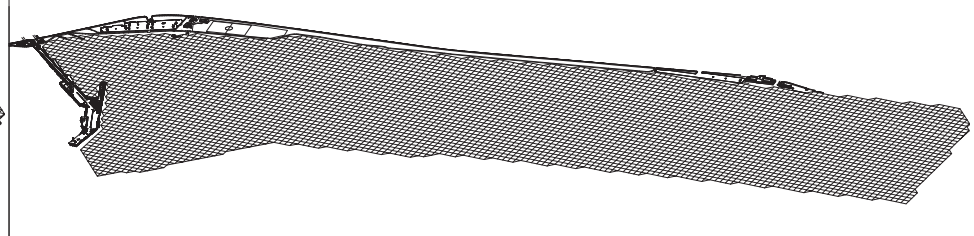
3-D MODEL:
EAST BEACH EXISTING
NOTE: VERTICAL ELEVATION FACTOR = 10



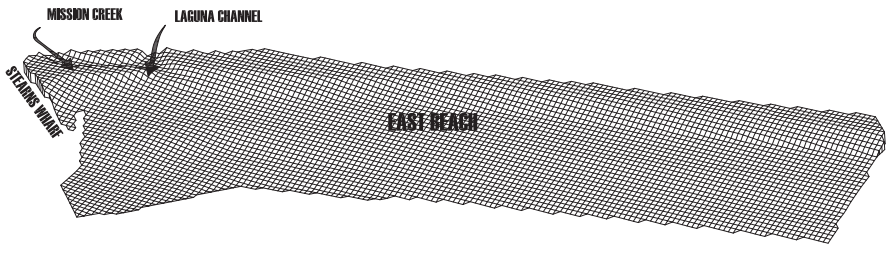
NOTE: VERTICAL ELEVATION FACTOR = 10

CONTOURS:
EAST BEACH EXISTING
NOTE: CONTOURS INDICATE GENERAL CONDITIONS EXISTING ONLY AT TIME OF SURVEY (SEPTEMBER 2004).

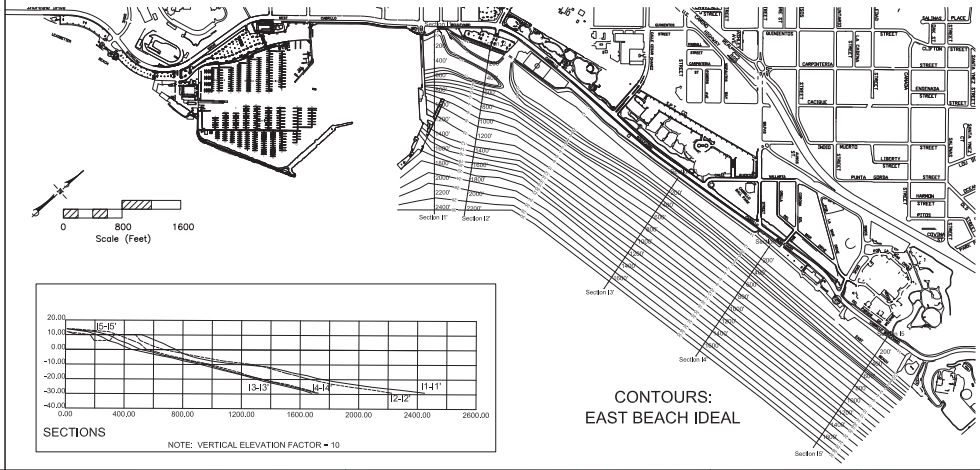
IDEAL



3-D VIEW:
EAST BEACH IDEAL



3-D MODEL:
EAST BEACH IDEAL
NOTE: VERTICAL ELEVATION FACTOR = 10



NOTE: VERTICAL ELEVATION FACTOR = 10

CONTOURS:
EAST BEACH IDEAL

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 EAST BEACH

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

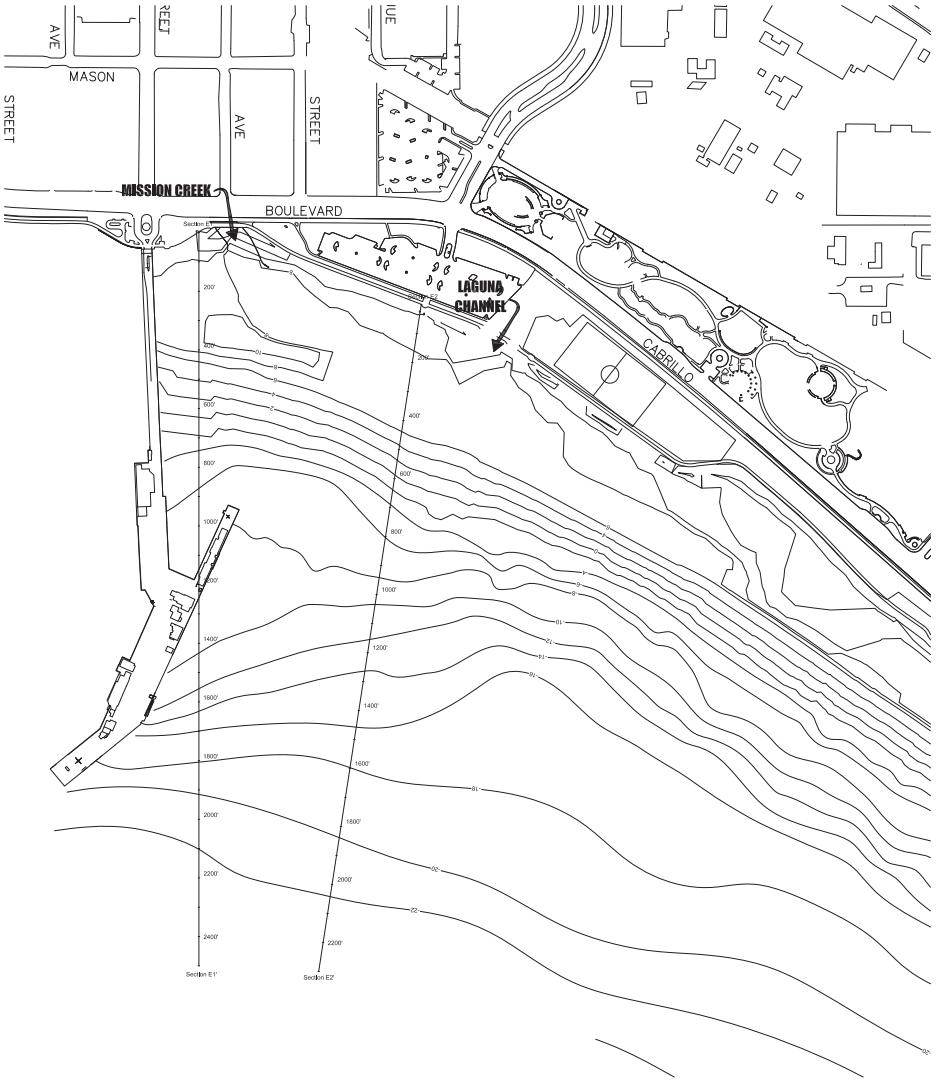
EAST BEACH
BEACH CONFIGURATIONS
SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

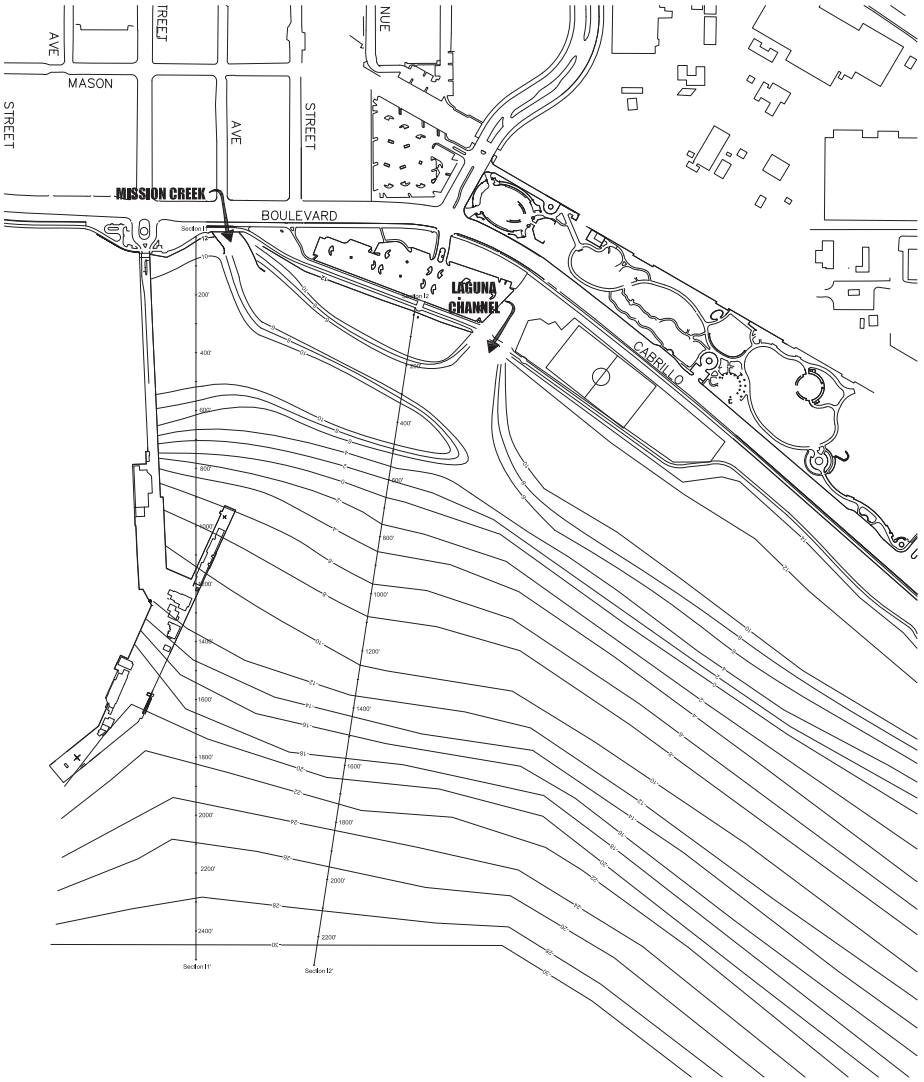
SCALE: NOTED
FACTOR: VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 5 OF 11 SHTS.
DWG.NO. 6000-010

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 MISSION CREEK & LAGUNA CHANNEL CONTOURS



CONTOURS:
MISSION CREEK & LAGUNA CHANNEL EXISTING
NOTE: CONTOURS INDICATE GENERAL CONDITIONS
EXISTING ONLY AT TIME OF SURVEY (SEPTEMBER 2004).
SCALE 1" = 200'



CONTOURS:
MISSION CREEK & LAGUNA CHANNEL IDEAL
SCALE 1" = 200'

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

MISSION CREEK & LAGUNA CHANNEL CONTOURS

BEACH CONFIGURATIONS
SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

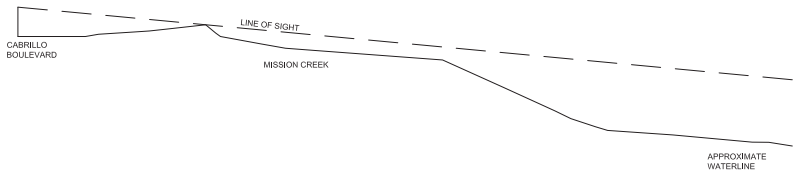
SCALE: 1" = 200'
FACTOR:
VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 6 OF 11 SHTS.
DWG.NO. 6000-010

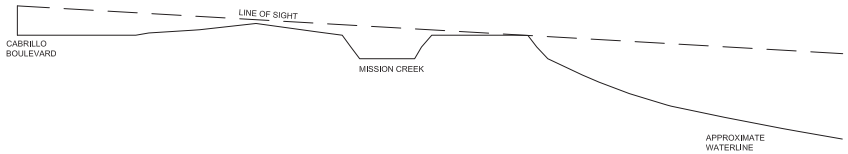
SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 MISSION CREEK & LAGUNA CHANNEL SECTIONS

PLAN VIEW EXISTING
SCALE 1" = 400'

PLAN VIEW IDEAL
SCALE 1" = 400'

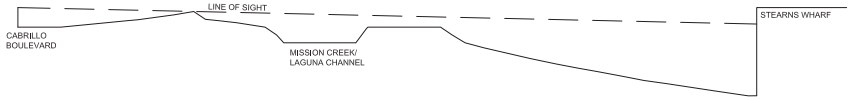


SECTION A-A (EXISTING)
SCALE 1" = 100'
(NOTE: VERTICAL ELEVATION FACTOR = 10)



SECTION A-A (IDEAL)
SCALE 1" = 100'
(NOTE: VERTICAL ELEVATION FACTOR = 10)

SECTION B-B (EXISTING)
SCALE 1" = 150'
(NOTE: VERTICAL ELEVATION FACTOR = 10)



SECTION B-B (IDEAL)
SCALE 1" = 150'
(NOTE: VERTICAL ELEVATION FACTOR = 10)

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

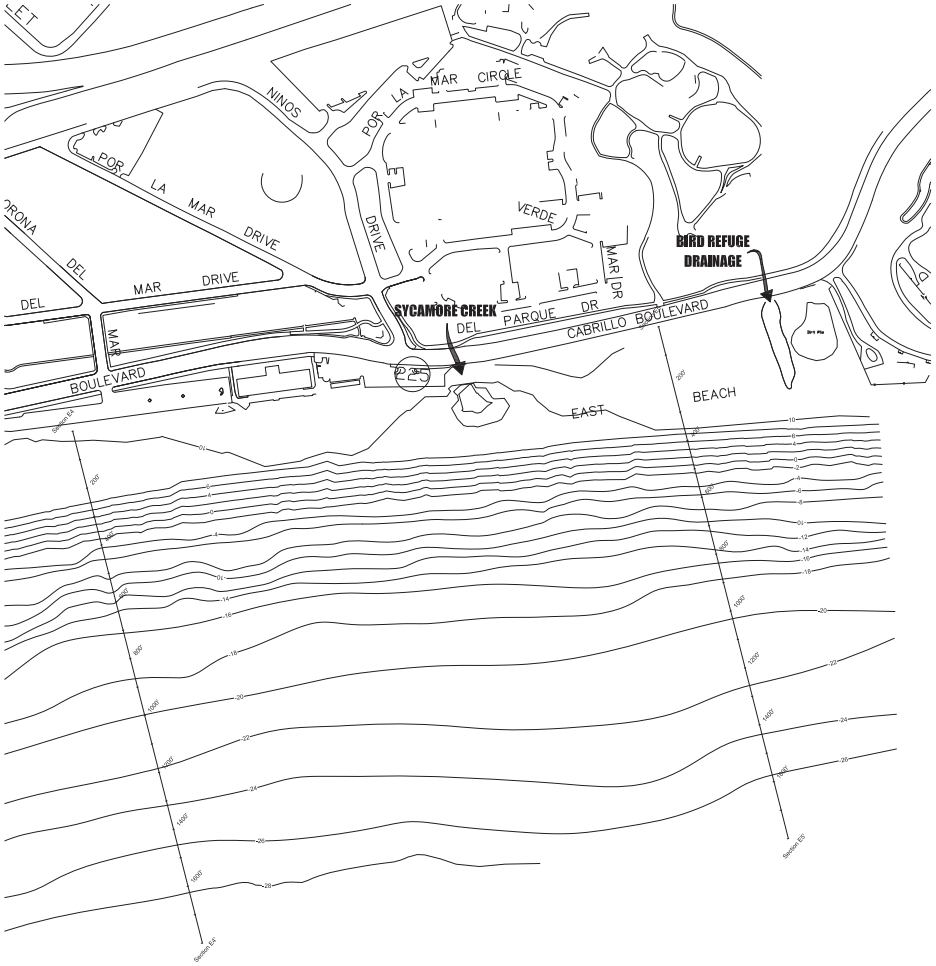
MISSION CREEK & LAGUNA CHANNEL SECTIONS
BEACH CONFIGURATIONS
SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

SCALE: NOTED
FACTOR:
VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 7 OF 11 SHTS.
DWG.NO. 6000-010

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 SYCAMORE CREEK & BIRD REFUGE DRAINAGE CONTOURS



CONTOURS:
EAST BEACH EXISTING
NOTE: CONTOURS INDICATE GENERAL CONDITIONS EXISTING ONLY AT TIME OF SURVEY (SEPTEMBER 2004).
SCALE 1" = 200'

CONTOURS:
EAST BEACH IDEAL
SCALE 1" = 200'

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

SYCAMORE CREEK & BIRD REFUGE DRAINAGE CONTOURS

BEACH CONFIGURATIONS

SANTA BARBARA, CALIFORNIA

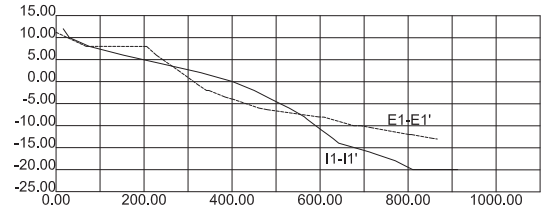
CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

SCALE: 1" = 200'
FACTOR:
VERT. NOTED
HOR. NOTED

PROJ.NO. 9926
SHT. 8 OF 11 SHTS.
DWG.NO. 6000-010

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 SECTIONS

LEADBETTER BEACH



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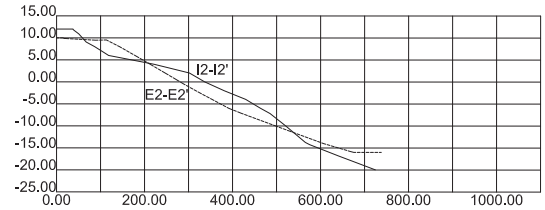

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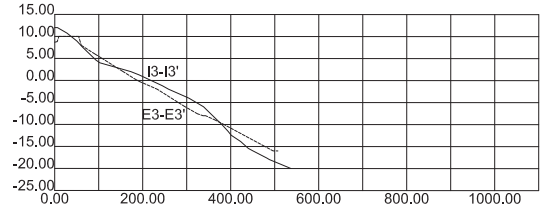

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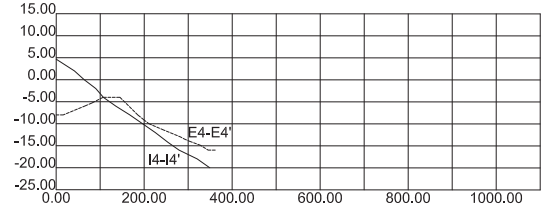
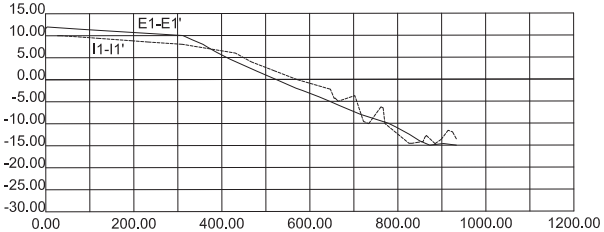


SECTION 4

WEST BEACH



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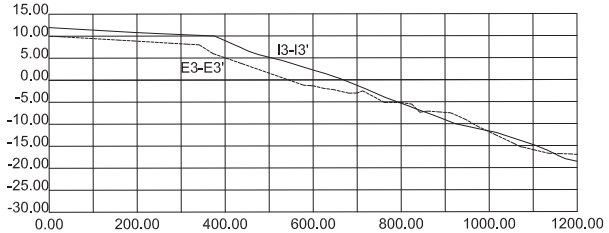

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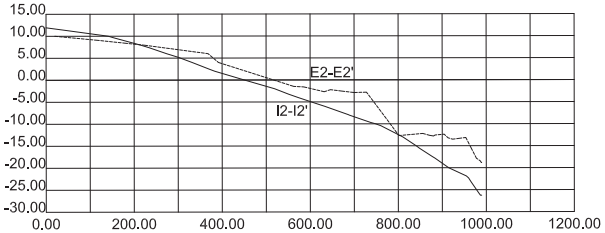

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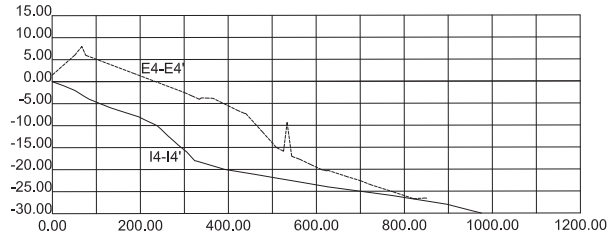
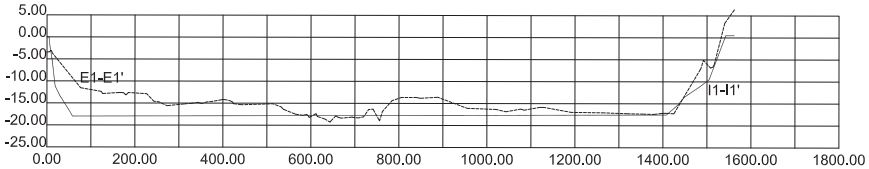


SECTION 4

HARBOR



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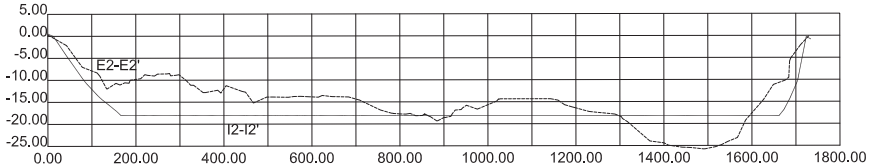


SECTION 2

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

SECTIONS

COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM

SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA

WATERFRONT DEPARTMENT– FACILITIES DIVISION

SCALE: NOTED
FACTOR:
VERT. NOTED
HOR. NOTED

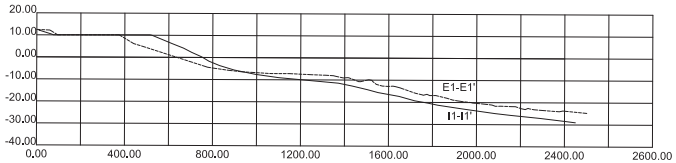
PROJ.NO. 9926

SHT. 9 OF 11 SHTS.

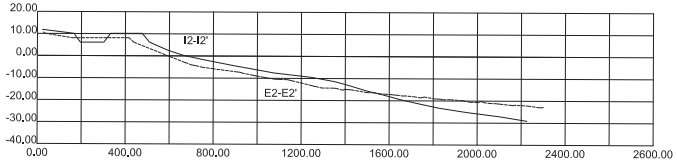
DWG.NO. 6000-010

SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 SECTIONS & STORM DRAIN LOCATIONS

EAST BEACH



SECTION 1



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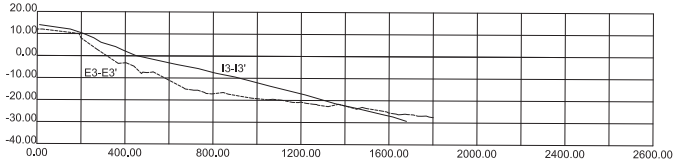

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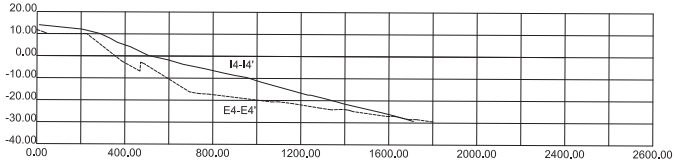


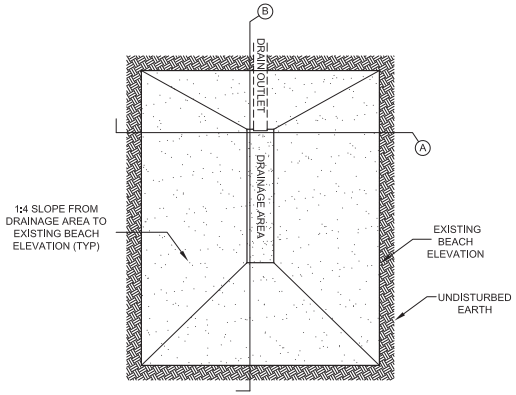
SECTION 4

LEGEND

STORM DRAIN LOCATION & NUMBER

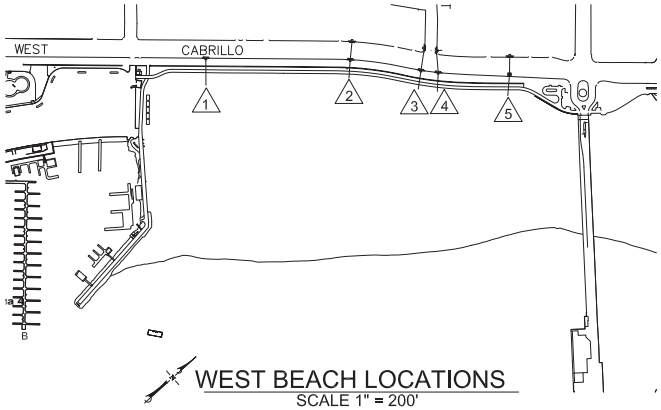
EAST BEACH LOCATIONS

SCALE 1" = 500'



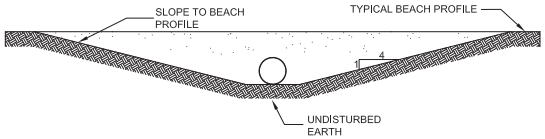
STORM DRAIN PLAN VIEW

SCALE 1" = 80"



WEST BEACH LOCATIONS

SCALE 1" = 200'



SECTION A-A

SCALE 1" = 40"

SECTION B-B

SCALE 1" = 60"

DESCRIPTION	DATE	APPROVED
REVISED PER CITY PLANNING	6/8/05	

REVISIONS

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

SECTIONS & STORM DRAIN LOCATIONS

COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM

SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA

WATERFRONT DEPARTMENT– FACILITIES DIVISION

SCALE: NOTED

FACTOR: VERT. NOTED HOR. NOTED

PROJ.NO. 9926

SHT. 10 OF 11 SHTS.

DWG.NO. 6000-010

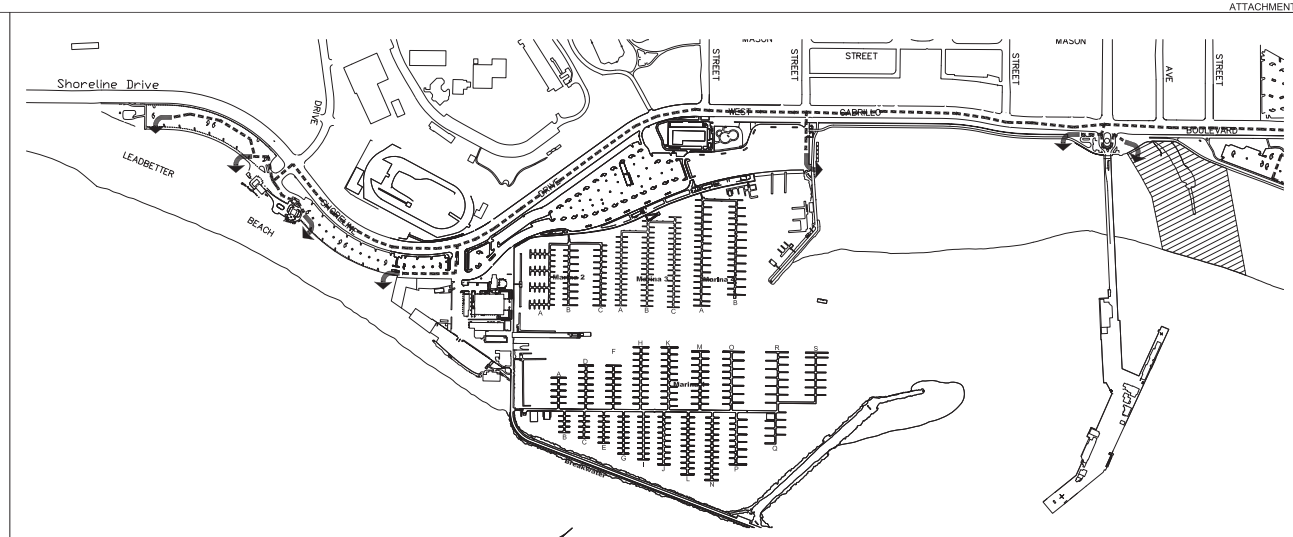
SANTA BARBARA COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM 4/25/2012 TRAFFIC PLAN & BEACH ACCESS POINTS

KEY

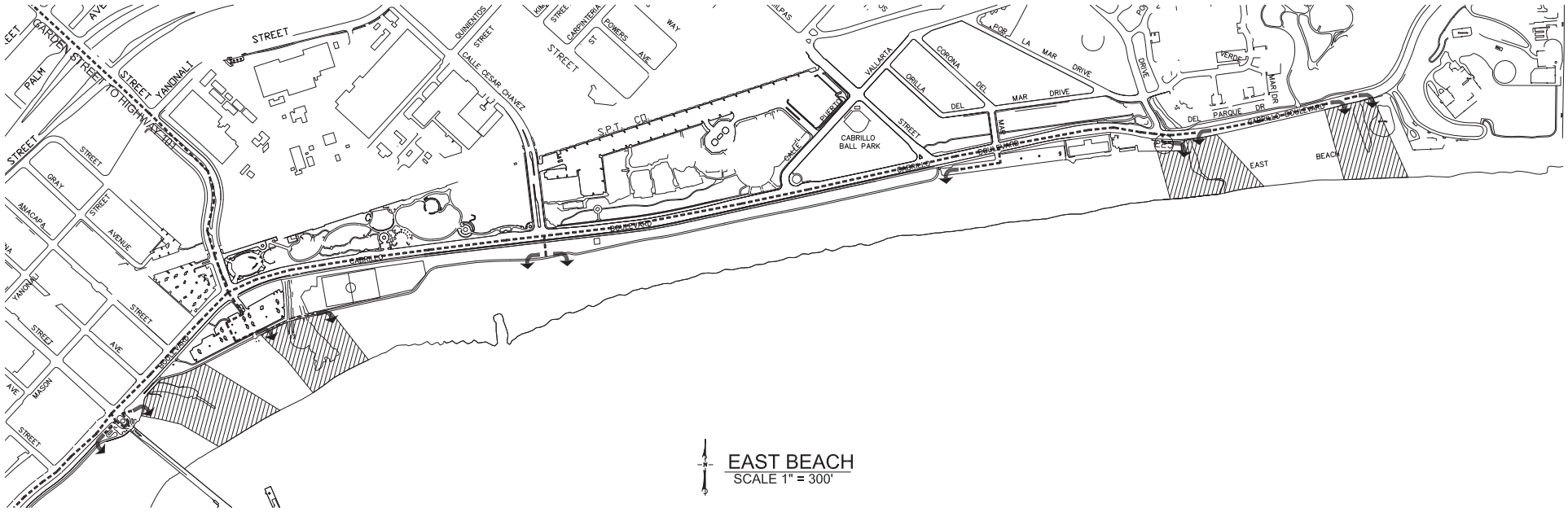
- TRAFFIC PLAN
- *RESTRICTED EQUIPMENT AREA
- BEACH ACCESS LOCATIONS

*WORK BY MEANS OF MECHANICAL EQUIPMENT IS ALLOWED WITHIN A RESTRICTED EQUIPMENT AREA ONLY WHEN THE CREEK MOUTH IS NATURALLY CLOSED. RESTRICTED EQUIPMENT AREAS ARE LOCATED 200' FROM CENTERLINE OF ANY CREEK AT TIME OF PROPOSED WORK WHEN THE CREEK MOUTH IS OPEN. RESTRICTED EQUIPMENT AREAS IDENTIFIED ON THESE PLANS ARE INTENDED TO PROVIDE GENERAL LOCATIONS ONLY. PRIOR TO ANY MECHANICAL WORK TAKING PLACE IN A RESTRICTED EQUIPMENT AREA, A 200' BOUNDARY SHOULD BE MEASURED FROM THE CREEK'S CENTERLINE AS IT APPEARS IN ITS CURRENT CONFIGURATION.

**ALL EXISTING PUBLIC FACILITIES SHALL BE PROTECTED IN PLACE.



LEADBETTER & WEST BEACH
SCALE 1" = 300'



EAST BEACH
SCALE 1" = 300'

REVISED PER CITY PLANNING	6/8/05	
DESCRIPTION	DATE	APPROVED
REVISIONS		

DRAFTER L.NELSON
DRAFTER
DESIGNER L.NELSON
CHECKER
PROJ. MNGR.
DRAWING DATE 3/15/05

TRAFFIC PLAN & BEACH ACCESS POINTS

COMPREHENSIVE SEDIMENT MANAGEMENT PROGRAM

SANTA BARBARA, CALIFORNIA

CITY OF SANTA BARBARA
WATERFRONT DEPARTMENT– FACILITIES DIVISION

SCALE: NOTED
FACTOR:
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PROJ.NO. 9926
SHT. 11 OF 11 SHTS.
DWG.NO. 6000-010

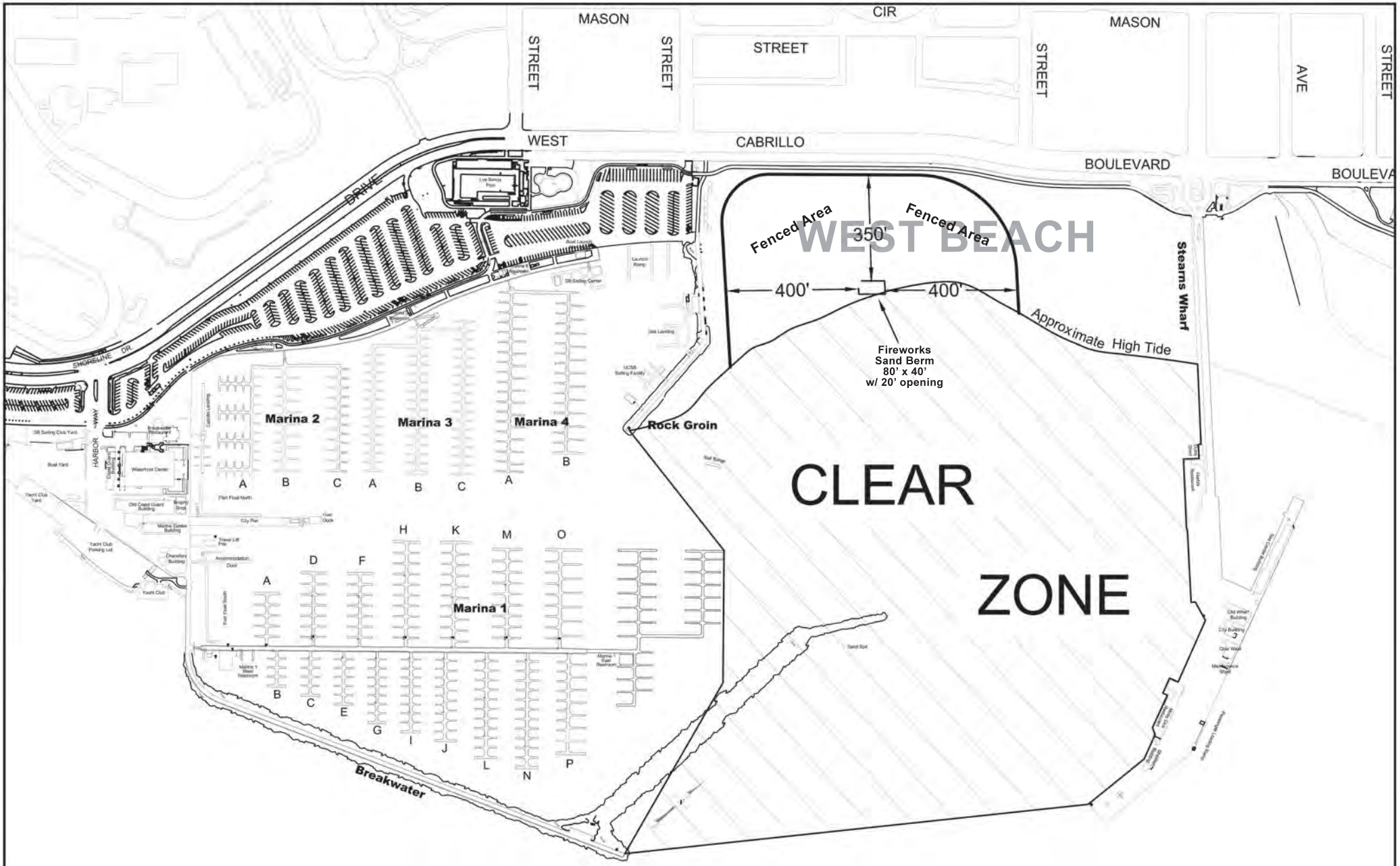
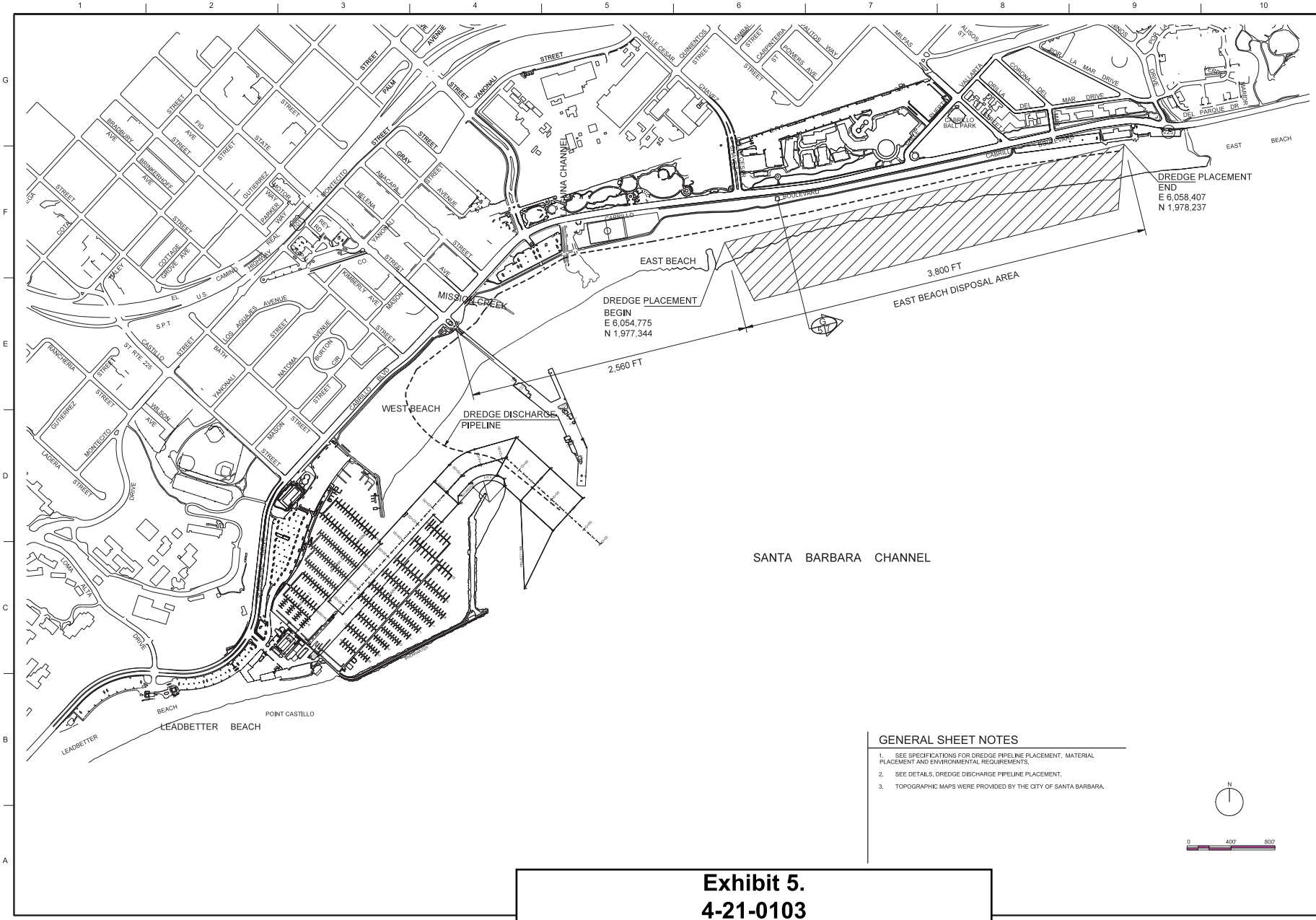


Exhibit 4.
4-21-0103
City of Santa Barbara Sediment Management Program
West Beach Fireworks Launch and Closure Areas

0 400 800
Scale (Feet)

4th of July Event
West Beach Layout

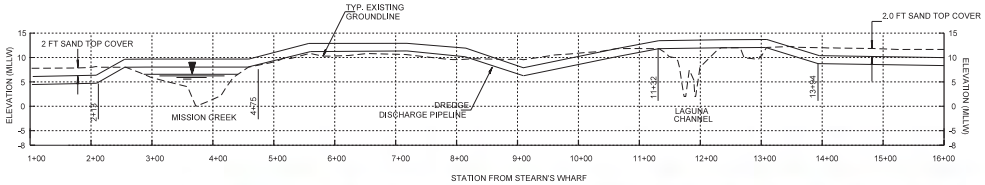
REVISIONS	DATE: 6/4/10	APPROVED BY:	DRAWN BY: T. Lawler
	ADDRESS: Santa Barbara Harbor		SHEET NO. 1 of 2
	City of Santa Barbara Waterfront Department		DRAWING NO. 6002-024



GENERAL SHEET NOTES

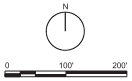
1. SEE SPECIFICATIONS FOR DREDGE PIPELINE PLACEMENT, MATERIAL PLACEMENT AND ENVIRONMENTAL REQUIREMENTS.
2. SEE DETAILS, DREDGE DISCHARGE PIPELINE PLACEMENT.
3. TOPOGRAPHIC MAPS WERE PROVIDED BY THE CITY OF SANTA BARBARA.

Exhibit 5.
4-21-0103
City of Santa Barbara Sediment Management Program
Dredge Discharge Pipe Location Plans



GENERAL SHEET NOTES

1. PIPELINE CROSSING AT MISSION CREEK AND LAGUNA CHANNEL MUST NOT IMPEDE, DEFLECT, ALTER FLOWS IN AND OUT OF THESE INLETS.
2. SPAN THE ENTIRE MISSION CREEK AT A LOCATION APPROXIMATELY 165 FT. SEAWARD OF THE CABRILLO BLVD. BRIDGE, SUBJECT TO APPROVAL BY THE CONTRACTING OFFICER AND SANTA BARBARA WATERFRONT DEPARTMENT. LENGTH OF SPAN OVER MISSION CREEK VARIES
3. PIPELINE MUST SPAN OVER LAGUNA CHANNEL AND OUTLET EAST OF LAGUNA CHANNEL.
4. PROTECT OR REPAIR AND REPLACE EXISTING LANDSCAPING AND VEGETATED AREAS.
5. PIPELINE PLACEMENT AS SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL PIPELINE PLACEMENT LOCATION IS SUBJECT TO THE APPROVAL OF THE CONTRACTING OFFICER.
6. PIPELINE MUST NOT IMPEDE PEDESTRIAN OR VEHICULAR TRAFFIC THROUGH THE GARDEN STREET PARKING LOT BEACH ACCESS RAMP.
7. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. JACKSON
DRAWN BY: J. JACKSON
CHECKED BY: J. JACKSON
SUBMITTED BY: PAUL W. UNDERWOOD, P.E.
SIZE: ANSI D
ISSUE DATE: SEPTEMBER 2010
SOLICITATION NO.: W912PL-16-B-0006
CONTRACT NO.:
DISTRICT FILE NO.: D-374
FILE NAME: SBHT CN104

U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT
915 WILSHIRE BLVD.
LOS ANGELES, CALIFORNIA 90017

SANTA BARBARA HARBOR MAINTENANCE DREDGING
SANTA BARBARA COUNTY, CALIFORNIA

DETAILS, DREDGE DISCHARGE PIPELINE PLACEMENT

SHEET ID
CN104
SHEET 6 OF 7