



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

**San Diego Regional Water Quality Control Board**

**Amendment No. 1 to Clean Water Act Section 401  
Water Quality Certification No. R9-2014-0089**

**PROJECT: Dana Point Harbor Sport Fishing Docks Pile Sleeving Project  
Certification Number R9-2014-0089**

**APPLICANT: Orange County Dana Point Harbor  
24650 Dana Point Harbor Drive  
Dana Point, CA 92629**

Reg. Meas. ID: 397448  
Place ID: 807899  
Party ID: 354224  
Person ID: 546266  
WDID: 9000002740

On October 16, 2014, Clean Water Act Section 401 Water Quality Certification No. R9-2014-0089 (Certification) was issued to Orange County Dana Point Harbor (Applicant) for the Dana Point Harbor Sport Fishing Docks Pile Sleeving Project (Project).

By email dated February 13, 2018, Moffatt & Nichol, on behalf of the Applicant, requested the Certification be amended to increase the number of piles to be repaired from twenty (20) damaged and corroded guide piles at the dock site, to forty-six (46) piles. In addition to increasing the number of piles undergoing repair, the repair approach itself originally authorized in the Certification is changing from use of steel pipe pile sleeves to fiberglass Simpson Strong-Tie jackets which would be wrapped around the damaged sections of the piles. The final diameter of the guide piles after installation of the jackets will be the same as that authorized in the Certification (14 inches). The impact total authorized under the Certification for twenty piles is 0.0002 acres. The addition of 26 piles would bring the total in-water project footprint to 0.0005 acres.

Based on the Applicant's request, the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) is amending the Certification to increase the number of piles to be repaired from twenty (20) damaged and corroded guide piles at the dock site, to forty-six (46) piles. Except as modified or superseded by the Certification modifications set forth below, all of the findings, provisions and other requirements of Certification No. R9-2014-0089 remain in full force and effect. The following changes are made to Certification No. R9-2014-0089 and are shown in underline/strikeout format to indicate added and removed language:

**Page 1, PROJECT DESCRIPTION is modified as follows:**

The Applicant proposes the installation of 14-inch outer diameter steel guide pile sleeves~~fiberglass Simpson Strong-Tie jackets~~ over the 20~~46~~ existing 10-inch outer diameter round steel guide piles of Docks 1 and 2 at the Dana Point Harbor Sport

Fishing Docks. The existing guide piles have substantial corrosion and pitting of the steel wall surface. The deterioration of the exterior steel of the concrete filled guide piles has been determined to have caused a loss in capacity that requires repair. The existing steel exteriors will not be removed. Excess marine growth and corrosion will be cleaned from the outer surface of the existing guide piles prior to placing the sleeves. ~~The dock will be modified by trimming timber to widen the internal pile guide and timber support structures to accept the new pile guide. The internal pile guides will be replaced with new larger pile guides to fit the new larger diameter piles. The 14-inch diameter pile sleeves will be installed with a crane mounted barge. New 14-inch diameter steel guide piles will be driven in place with a hammer, a vibratory hammer, or jetting of the pile sleeves to fit around the existing dock piles. Each pile will be backfilled with high strength grout material to ensure the existing and new pile act together when subjected to loading. An approximately 100-foot by 60-foot area in the launch ramp parking area will be used for equipment staging. The pile repair method is to use the Simpson Strong-Tie jacket approach which involves wrapping damaged piles in a fiberglass jacket. The jacket length will extend 18"-24" above and below the damaged pile section. The final depth of the bottom of the repair jackets will be determined by the location of the pile damage and will vary from pile to pile. Reinforcing steel may be employed to provide additional strength. Spacers will be placed between the pile and the jacket to ensure a consistent void surrounds the area to be repaired. Following installation of a bottom seal at the base of the jacket and external bracing around the bracing, a marine epoxy will be introduced into the void between the existing pile and the jacket. The grout will cure overnight after which an epoxy will be installed at the head of the jacket, creating a water and chemical-resistant barrier to the repair system. Once the external ratchet straps are removed, the repair is complete.~~

**Page 7, PROJECT IMPACTS AND COMPENSATORY MITIGATION condition IV.A is modified as follows:**

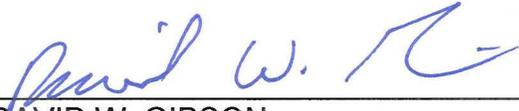
**Project Impacts and Compensatory Mitigation.** Unavoidable Project impacts to Dana Point Harbor within the San Juan Watershed must not exceed 0.00020.0005 acre (6.67 linear feet).

**Notification:** Any person aggrieved by this action of the San Diego Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification Amendment. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

Orange County Dana Point Harbor  
Dana Point Harbor Sport Fishing Docks Pile Sleeving  
Certification No. R9-2014-0089

October 16, 2014  
Amended on March 23, 2018

I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Amendment No. 1 to Certification No. R9-2014-0089 issued on March 23, 2018.

  
\_\_\_\_\_  
DAVID W. GIBSON  
Executive Officer  
San Diego Water Board

23 March 2018  
Date

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION**

2375 Northside Drive, Suite.100, San Diego, CA 92108  
Phone (619) 516-1990 • Fax (619) 516-1994  
<http://www.waterboards.ca.gov/sandiego/>

**Clean Water Act Section 401 Water Quality Certification  
and Waste Discharge Requirements  
for Discharge of Dredged and/or Fill Materials**

**PROJECT: Dana Point Harbor Sport Fishing Docks Pile  
Sleeving Project  
Certification Number R9-2014-0089  
WDID: 9000002698**

Reg. Meas. ID: 397448  
Place ID: 807899  
Party ID: 354224  
Person ID: 546266

**APPLICANT: Orange County Dana Point Harbor  
24650 Dana Point Harbor Drive  
Dana Point, CA 92629**

**ACTION:**

<input type="checkbox"/> Order for Low Impact Certification	<input type="checkbox"/> Order for Denial of Certification
<input checked="" type="checkbox"/> Order for Technically-conditioned Certification	<input type="checkbox"/> Waiver of Waste Discharge Requirements
<input checked="" type="checkbox"/> Enrollment in SWRCB GWDR Order No. 2003-017-DWQ	<input type="checkbox"/> Enrollment in Isolated Waters Order No. 2004-004-DWQ

**PROJECT DESCRIPTION**

An application dated July 23, 2014 was submitted by the Orange County Dana Point Harbor (hereinafter Applicant), for Water Quality Certification pursuant to section 401 of the Clean Water Act (33 U.S.C. § 1341) for the proposed Dana Point Harbor Sport Fishing Docks Pile Sleeving Project (Project). The Applicant has also applied for a Clean Water Act Section 404 permit from the United States Army Corps of Engineers for the Project (Nationwide Permit No. 3, Maintenance).

The Project is located within the City of Dana Point, Orange County, California at 34675 Golden Lantern Street. The Project center reading is located at latitude 33.459767 and longitude -117.692067. The Applicant has paid all required fees for this Certification in the amount of \$1,097.00. On July 24, 2014, the San Diego Water Board provided public notice of the Project application pursuant to California Code of Regulations, title 23, section 3858 by posting information describing the Project on the San Diego Water Board's web site and providing a period of twenty-one days for public review and comment. No comments were received.

The Applicant proposes the installation of 14-inch outer diameter steel guide pile sleeves over the 20 existing 10-inch outer diameter round steel guide piles of Docks 1 and 2 at the Dana Point Harbor Sport Fishing Docks. The existing guide piles have substantial corrosion and pitting of the steel wall surface. The deterioration of the exterior steel of the concrete filled guide piles has been determined to have caused a loss in capacity that requires repair. The

existing steel exteriors will not be removed. Excess marine growth and corrosion will be cleaned from the outer surface of the existing guide piles prior to placing the sleeves. The dock will be modified by trimming timber to widen the internal pile guide and timber support structures to accept the new pile guide. The internal pile guides will be replaced with new larger pile guides to fit the new larger diameter piles. The 14-inch diameter pile sleeves will be installed with a crane mounted barge. New 14-inch diameter steel guide piles will be driven in place with a hammer, a vibratory hammer, or jetting of the pile sleeves to fit around the existing dock piles. Each pile will be backfilled with high strength grout material to ensure the existing and new pile act together when subjected to loading. An approximately 100 foot by 60 foot area in the launch ramp parking area will be used for equipment staging.

The Applicant will use a silt curtain to restrict any potential increases in turbidity outside of the immediate work area. The Applicant will visually monitor the area outside the silt curtain for signs of turbidity. If turbidity is observed outside the silt curtain, the Applicant will stop, slow, or modify the work effort to reduce turbidity levels and repair or correct the dislocation of gaps in the silt curtain before re-commencing work. The Applicant will maintain a spill response kit in order to respond to any accidental discharge of fuel or other petroleum product into the marine environment. The Project impacts are small and will be offset by benthic species re-colonization in disturbed areas following completion of the Project. Project construction is expected to take six to eight weeks.

1. Permit to Work (PTW)	1. Permit to Work (PTW)
2. Environmental Impact Report (EIR)	2. Environmental Impact Report (EIR)
3. Construction Management Plan (CMP)	3. Construction Management Plan (CMP)
4. Safety Plan	4. Safety Plan
5. Other for Technically-Conditioned Certification	5. Other for Technically-Conditioned Certification

PROJECT DESCRIPTION

An application dated July 23, 2014 was submitted by the Orange County Dana Point Harbor (Dana Point Harbor) for a Certificate of Approval (COA) for the proposed Dana Point Harbor Sport Fishing Docks Pile Sleeving Project (Project). The Applicant also applied for a Clean Water Act Section 404 permit from the United States Army Corps of Engineers for the Project (Section 404 permit).

The Project is located within the City of Dana Point, Orange County, California at 54375 Golden Lantern Street. The Project center location is located at latitude 33.452787 and longitude -117.662087. The Applicant has paid all required fees for the Certification in the amount of \$1,000.00. On July 24, 2014, the San Diego Water Board provided public notice of the Project application pursuant to California Code of Regulations, title 15, section 3008 by posting information describing the Project on the San Diego Water Board's web site and providing a period of response days for public review and comment. No comments were received.

The Applicant proposes the installation of 14-inch outer diameter steel pile sleeves over the 10 existing 10-inch outer diameter round steel guide piles of Dock 1 and 2 at the Dana Point Harbor Sport Fishing Docks. The existing guide piles have substantial corrosion and flaking of the steel wall surface. The deterioration of the exterior steel of the concrete filled piles has been determined to have caused a loss in capacity that requires repair. The

## TABLE OF CONTENTS

I.	STANDARD CONDITIONS.....	4
II.	GENERAL CONDITIONS .....	4
III.	CONSTRUCTION BEST MANAGEMENT PRACTICES .....	7
IV.	PROJECT IMPACTS AND COMPENSATORY MITIGATION .....	7
V.	MONITORING AND REPORTING REQUIREMENTS .....	8
VI.	NOTIFICATION REQUIREMENTS .....	9
VII.	CALIFORNIA ENVIRONMENTAL QUALITY ACT COMPLIANCE .....	10
VIII.	SAN DIEGO WATER BOARD CONTACT PERSON .....	10
IX.	WATER QUALITY CERTIFICATION.....	11

### Attachments:

1. Definitions
2. Project Figures and Plans
3. CEQA Mitigation Monitoring and Reporting Program

## I. STANDARD CONDITIONS

Pursuant to section 3860 of title 23 of the California Code of Regulations, the following three standard conditions apply to all water quality certification actions:

- A. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the Water Code and chapter 28, article 6 (commencing with title 23, section 3867), of the California Code of Regulations.
- B. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to California Code of Regulations title 23, section 3855 subdivision (b), and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
- C. This Certification action is conditioned upon total payment of any fee required under title 23, chapter 28 (commencing with section 3830) of California Code of Regulations and owed by the applicant.

## II. GENERAL CONDITIONS

- A. **Term of Certification.** Water Quality Certification No. R9-2014-0089 (Certification) shall expire upon a) the expiration or retraction of the Clean Water Act section 404 (33 U.S.C. §1344) permit issued by the U.S. Army Corps of Engineers for this Project, or b) five (5) years from the date of issuance of this Certification, whichever occurs first.
- B. **Duty to Comply.** The Applicant must comply with all conditions and requirements of this Certification. Any Certification noncompliance constitutes a violation of the Water Code and is grounds for enforcement action or Certification termination, revocation and reissuance, or modification.
- C. **General Waste Discharge Requirements.** The requirements of this Certification are enforceable through Water Quality Order No. 2003-0017-DWQ, *Statewide General Waste Discharge Requirements for Discharges of Dredged or Fill Material that have Received State Water Quality Certification* (Water Quality Order No. 2003-0017-DWQ). This provision shall apply irrespective of whether a) the federal permit for which the Certification was obtained is subsequently retracted or is expired, or b) the Certification is expired. Water Quality Order No. 2003-0017-DWQ is accessible at: [http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/generalorders/go\\_wdr401regulated\\_projects.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/go_wdr401regulated_projects.pdf).

- D. **Project Conformance with Application.** All water quality protection measures and BMPs described in the application and supplemental information for water quality certification are incorporated by reference into this Certification as if fully stated herein. Notwithstanding any more specific conditions in this Certification, the Applicant shall construct, implement and comply with all water quality protection measures and BMPs described in the application and supplemental information. The conditions within this Certification shall supersede conflicting provisions within the application and supplemental information submitted as part of this Certification action.
- E. **Project Conformance with Water Quality Control Plans or Policies.** Notwithstanding any more specific conditions in this Certification, the Project shall be constructed in a manner consistent with the *Water Quality Control Plan, Ocean Waters of California* (Ocean Plan), Basin Plan and any other applicable water quality control plans or policies adopted or approved pursuant to the Porter Cologne Water Quality Act (Division 7, commencing with Water Code Section 13000) or section 303 of the Clean Water Act (33 U.S.C §1313).
- F. **Project Modification.** The Applicant must submit any changes to the Project, including Project operation, which would have a significant or material effect on the findings, conclusions, or conditions of this Certification, to the San Diego Water for prior review and written approval. If the San Diego Water Board is not notified of a significant change to the Project, it will be considered a violation of this Certification.
- G. **Certification Distribution Posting.** During Project construction, the Applicant must maintain a copy of this Certification at the Project site. This Certification must be available at all times to site personnel and agencies. A copy of this Certification shall also be provided to any contractor or subcontractor performing construction work, and the copy shall remain in their possession at the Project site.
- H. **Inspection and Entry.** The Applicant must allow the San Diego Water Board or the State Water Resources Control Board (State Water Board), and/or their authorized representative(s) (including an authorized contractor acting as their representative), upon the presentation of credentials and other documents as may be required under law, to:
1. Enter upon the Project or Compensatory Mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Certification;
  2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Certification;
  3. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Certification; and

4. Sample or monitor, at reasonable times, for the purposes of assuring Certification compliance, or as otherwise authorized by the Clean Water Act or Water Code, any substances or parameters at any location.
- I. **Enforcement Notification.** In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.
  - J. **Certification Actions.** This Certification may be modified, revoked and reissued, or terminated for cause including but not limited to the following:
    1. Violation of any term or condition of this Certification;
    2. Monitoring results indicate that continued Project activities could violate water quality objectives or impair the beneficial uses of Dana Point Harbor;
    3. Obtaining this Certification by misrepresentation or failure to disclose fully all relevant facts;
    4. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge; and
    5. Incorporation of any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the Clean Water Act.

The filing of a request by the Applicant for modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Certification condition.
  - K. **Duty to Provide Information.** The Applicant shall furnish to the San Diego Water Board, within a reasonable time, any information which the San Diego Water Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Certification or to determine compliance with this Certification.
  - L. **Property Rights.** This Certification does not convey any property rights of any sort, or any exclusive privilege.
  - M. **Petitions.** Any person aggrieved by this action of the San Diego Water Board may petition the State Water Board to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification. Copies of the law and regulations applicable to filing petitions may be found on the Internet at:

[http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

### III. CONSTRUCTION BEST MANAGEMENT PRACTICES

- A. **Approvals to Commence Construction.** The Applicant shall not commence Project construction until all necessary federal, State, and local approvals are obtained.
- B. **Silt Curtain Deployment.** The Applicant shall deploy and maintain a continuous length of silt curtain to trap sediment that may become suspended outside of the immediate Project work area. The bottom of the silt curtains must be weighted with ballast weights or rods affixed to the base of the fabric to resist the natural buoyancy of the silt curtain fabric and lessen its tendency to move in response to currents. Where feasible and applicable, the floating silt curtains must be anchored and deployed from the surface of the water to just above the substrate. The silt curtain must be monitored for damage, dislocation or gaps and must be immediately repaired where it is no longer continuous or where it has loosened. The silt curtain must restrict any resulting surface visible turbidity plume to the Project work area and must control and contain the migration of re-suspended sediments at the water surface and at depth. If turbidity is observed outside the silt curtain, the Applicant will stop, slow, or modify the work effort to reduce turbidity levels and repair or correct the dislocation of gaps in the silt curtain before re-commencing work.
- C. **Sound Impacts.** The Applicant shall monitor sound pressure levels during steel guide pile sleeve installation to ensure the sound level threshold of 190 decibels (dB) for marine life injury is not exceeded. If sound pressure levels exceed 190 dB, the Applicant shall implement the following additional Best Management Practices (BMPs) in order to ensure marine life injury does not occur:
1. The steel guide pile sleeve shall be surrounded by an air bubble curtain system or air-filled coffer dam.
  2. A smaller hammer or a hydraulic hammer shall be used to reduce sound pressure.
  3. The steel guide pile sleeve installation shall be conducted during periods of reduced currents to minimize the exposure of marine life to underwater sound.
- D. The Applicant shall maintain a spill response kit in order to respond to any accidental discharge of fuel or other petroleum product into the marine environment.

### IV. PROJECT IMPACTS AND COMPENSATORY MITIGATION

- A. **Project Impacts and Compensatory Mitigation.** Unavoidable Project impacts to Dana Point Harbor within the San Juan Watershed must not exceed 0.0002 acre (6.67 linear feet).
- B. **Eelgrass Impacts and Mitigation.** The Applicant shall conduct pre-construction survey(s) for *Caulerpa taxifolia* and eelgrass not more than one year prior to the start of in-water activities. The pre-construction survey(s) shall be completed by a qualified biologist in accordance with the Southern California Eelgrass Mitigation Policy (SEMP)

and provided to the San Diego Water Board prior to the start of in-water activities. The eelgrass survey must be conducted during an appropriate index period, as determined by a qualified biologist (i.e., a period representing maximum eelgrass coverage), and must include both aerial and density characterization of the beds. If eelgrass is found on the Project site during the pre-construction survey, a post-construction survey must be performed by a qualified biologist within 30 days following project completion to quantify any unanticipated losses to eelgrass habitat. Impacts must then be determined from a comparison of pre- and post-construction survey results. Any Impacts to eelgrass must be mitigated through conformance with the SCEMP, which defines the mitigation ratio and other requirements to achieve mitigation for significant eelgrass impacts. If required following the post-construction survey, the SCEMP defined mitigation must be developed; approved by the San Diego Water Board, U.S. Army Corps of Engineers and National Marine Fisheries Service; and implemented to offset losses to eelgrass. Surveys conducted during eelgrass dormancy will not be accepted.

## V. MONITORING AND REPORTING REQUIREMENTS

A. **Final Project Completion Report.** The Applicant must submit a Final Project Completion Report to the San Diego Water Board **within 30 days of completion of the Project**. The final report must include the following information:

1. Date of construction initiation;
2. Date of construction completion; and
3. As-built drawings of the Project, no bigger than 11"X17".

B. **Reporting Authority.** The submittal of information required under this Certification, or in response to a suspected violation of any condition of this Certification, is required pursuant to Water Code section 13267 and 13383. Civil liability may be administratively imposed by the San Diego Water Board for failure to submit information pursuant to Water Code sections 13268 or 13385.

C. **Electronic Document Submittal.** The Applicant must submit all reports and information required under this Certification in electronic format via e-mail to [SanDiego@waterboards.ca.gov](mailto:SanDiego@waterboards.ca.gov). Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to:

California Regional Water Quality Control Board  
San Diego Region  
Attn: 401 Certification No. R9-2014-0089:PIN 807899  
2375 Northside Drive, Suite 100  
San Diego, California 92108

Each electronic document must be submitted as a single file, in Portable Document Format (PDF) format, and converted to text searchable format using Optical Character Recognition (OCR). All electronic documents must include scanned copies of all signature pages; electronic signatures will not be accepted. Electronic documents

submitted to the San Diego Water Board must include the following identification numbers in the header or subject line: Certification No. R9-2014-0089:PIN 807899.

**D. Document Signatory Requirements.** All applications, reports, or information submitted to the San Diego Water Board must be signed as follows:

1. For a corporation, by a responsible corporate officer of at least the level of vice president.
2. For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
3. For a municipality, or a State, federal, or other public agency, by either a principal executive officer or ranking elected official.
4. A duly authorized representative may sign applications, reports, or information if:
  - a. The authorization is made in writing by a person described above.
  - b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
  - c. The written authorization is submitted to the San Diego Water Board Executive Officer.

If such authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the Project, a new authorization satisfying the above requirements must be submitted to the San Diego Water Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

**E. Document Certification Requirements.** All applications, reports, or information submitted to the San Diego Water Board must be certified as follows:

*"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."*

**VI. NOTIFICATION REQUIREMENTS**

- A. Twenty Four Hour Non-Compliance Reporting.** The Applicant shall report any noncompliance which may endanger health or the environment. Any such information shall be provided orally to the San Diego Water Board within **24 hours** from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause;

the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The San Diego Water Board, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

- B. **Anticipated Noncompliance.** The Applicant shall give advance notice to the San Diego Water Board of any planned changes in the Project or the Compensatory Mitigation project which may result in noncompliance with Certification conditions or requirements.
- C. **Transfers.** This Certification is not transferable in its entirety or in part to any person or organization except after notice to the San Diego Water Board in accordance with the following terms:
1. **Transfer of Property Ownership:** The Applicant must notify the San Diego Water Board of any change in ownership of the Project area. Notification of change in ownership must include, but not be limited to, a statement that the Applicant has provided the purchaser with a copy of the Section 401 Water Quality Certification and that the purchaser understands and accepts the certification requirements and the obligation to implement them or be subject to liability for failure to do so; the seller and purchaser must sign and date the notification and provide such notification to the San Diego Water Board **within 10 days of the transfer of ownership.**
  2. **Transfer of Mitigation Responsibility:** Any notification of transfer of responsibilities to satisfy the mitigation requirements set forth in this Certification must include a signed statement from an authorized representative of the new party (transferee) demonstrating acceptance and understanding of the responsibility to comply with and fully satisfy the mitigation conditions and agreement that failure to comply with the mitigation conditions and associated requirements may subject the transferee to enforcement by the San Diego Water Board under Water Code section 13385, subdivision (a). Notification of transfer of responsibilities meeting the above conditions must be provided to the San Diego Water Board **within 10 days of the transfer date.**

Upon properly noticed transfers of responsibility, the transferee assumes responsibility for compliance with this Certification and references in this Certification to the Applicant will be interpreted to refer to the transferee as appropriate. Transfer of responsibility does not necessarily relieve the Applicant of this Certification in the event that a transferee fails to comply.

- D. **Discharge Commencement.** The Applicant must notify the San Diego Water Board in writing **at least 5 days prior to** the start of Project construction.

## VII. CALIFORNIA ENVIRONMENTAL QUALITY ACT COMPLIANCE

- A. The County of Orange is the Lead Agency under the California Environmental Quality Act (CEQA) (Public Resources Code section 21000, et seq.) section 21067, and CEQA Guidelines (California Code of Regulations, title 14, section 15000 et seq.) section

15367, and has filed a Notice of Determination dated January 31, 2006, for the Final Environmental Impact Report (FEIR) titled *FEIR 591 Dana Point Harbor Revitalization Program* (State Clearing House Number 2003101142). The Lead Agency has determined the Project will have a significant effect on the environment and mitigation measures were made a condition of the Project.

- B. The San Diego Water Board is a Responsible Agency under CEQA (Public Resources Code section 21069; CEQA Guidelines section 15381). The San Diego Water Board has considered the Lead Agency's FEIR and finds that the Project as proposed will have a significant effect on resources within the San Diego Water Board's purview.
- C. The San Diego Water Board has required mitigation measures as a condition of this Certification to avoid or reduce the environmental effects of the Project to resources within the Board's purview to a less than significant level.
- D. The Lead Agency has adopted a mitigation monitoring and reporting program pursuant to Public Resources Code section 21081.6 and CEQA Guidelines section 15097 to ensure that mitigation measures and revisions to the Project identified in the FEIR are implemented. The Mitigation Monitoring and Reporting Program (MMRP) is included and incorporated by reference in Attachment 3 to this Certification. The Applicant shall implement the Lead Agency's MMRP described in the FEIR, as it pertains to resources within the San Diego Water Board's purview. The San Diego Water Board has imposed additional MMRP requirements as specified in section VI of this Certification.
- E. As a Responsible Agency under CEQA, the San Diego Water Board will file a Notice of Determination in accordance with CEQA Guidelines section 15096 subdivision (i).

#### VIII. SAN DIEGO WATER BOARD CONTACT PERSON

Darren Bradford, Environmental Scientist  
California Regional Water Quality Control Board, San Diego Region  
Telephone: (619) 521-3356  
Email: [darren.bradford@waterboards.ca.gov](mailto:darren.bradford@waterboards.ca.gov)

#### IX. WATER QUALITY CERTIFICATION

I hereby certify that the proposed discharge from the **Dana Point Harbor Sport Fishing Docks Pile Sleeving Project** (Certification No. R9-2014-0089) will comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "*Statewide General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification (General WDRs)*," which requires compliance with all conditions of this Water Quality Certification. Please note that enrollment under Order No. 2003-017-DWQ is conditional and, should new information come to our attention that indicates a water quality problem, the San Diego Water Board may issue individual waste discharge requirements at that time.

**Fill material** – means any material used for the primary purpose of replacing an aquatic area with dry land or of changing the bottom elevation of a water body.

**Isolated wetland** – means a wetland with no surface water connection to other aquatic resources.

**Mitigation Bank** – means a site, or suite of sites, where resources (e.g., wetlands, streams, riparian areas) are restored, established, enhanced, and/or preserved for the purpose of providing mitigation for impacts authorized by this Certification.

**Preservation** - means the removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

**Re-establishment** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/ historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area and functions.

**Rehabilitation** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/ historic functions to a degraded aquatic resource. Rehabilitation results in a gain in aquatic resource function, but does not result in a gain in aquatic resource area.

**Restoration** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.

**Start of Project Construction** - For the purpose of this Certification, "start of Project construction" means to engage in a program of on-site construction, including site clearing, grading, dredging, landfilling, changing equipment, substituting equipment, or even moving the location of equipment specifically designed for a stationary source in preparation for the fabrication, erection or installation of the building components of the stationary source within waters of the United States and/or State.

**Uplands** - means non-wetland areas that lack any field-based indicators of wetlands or other aquatic conditions. Uplands are generally well-drained and occur above (i.e., up-slope) from nearby aquatic areas. Wetlands can, however, be entirely surrounded by uplands. For example, some natural seeps and constructed stock ponds lack aboveground hydrological connection to other aquatic areas. In the watershed context, uplands comprise the landscape matrix in which aquatic areas form. They are the primary sources of sediment, surface runoff, and associated chemicals that are deposited in aquatic areas or transported through them.

**Water quality objectives and other appropriate requirements of State law** – means the water quality objectives and beneficial uses as specified in the appropriate water quality control plan(s); the applicable provisions of sections 301, 302, 303, 306, and 307 of the Clean Water Act; and any other appropriate requirement of State law.

Orange County Dana Point Harbor  
Dana Point Harbor Sport Fishing Docks Pile Sleeving Project  
Certification No. R9-2014-0089

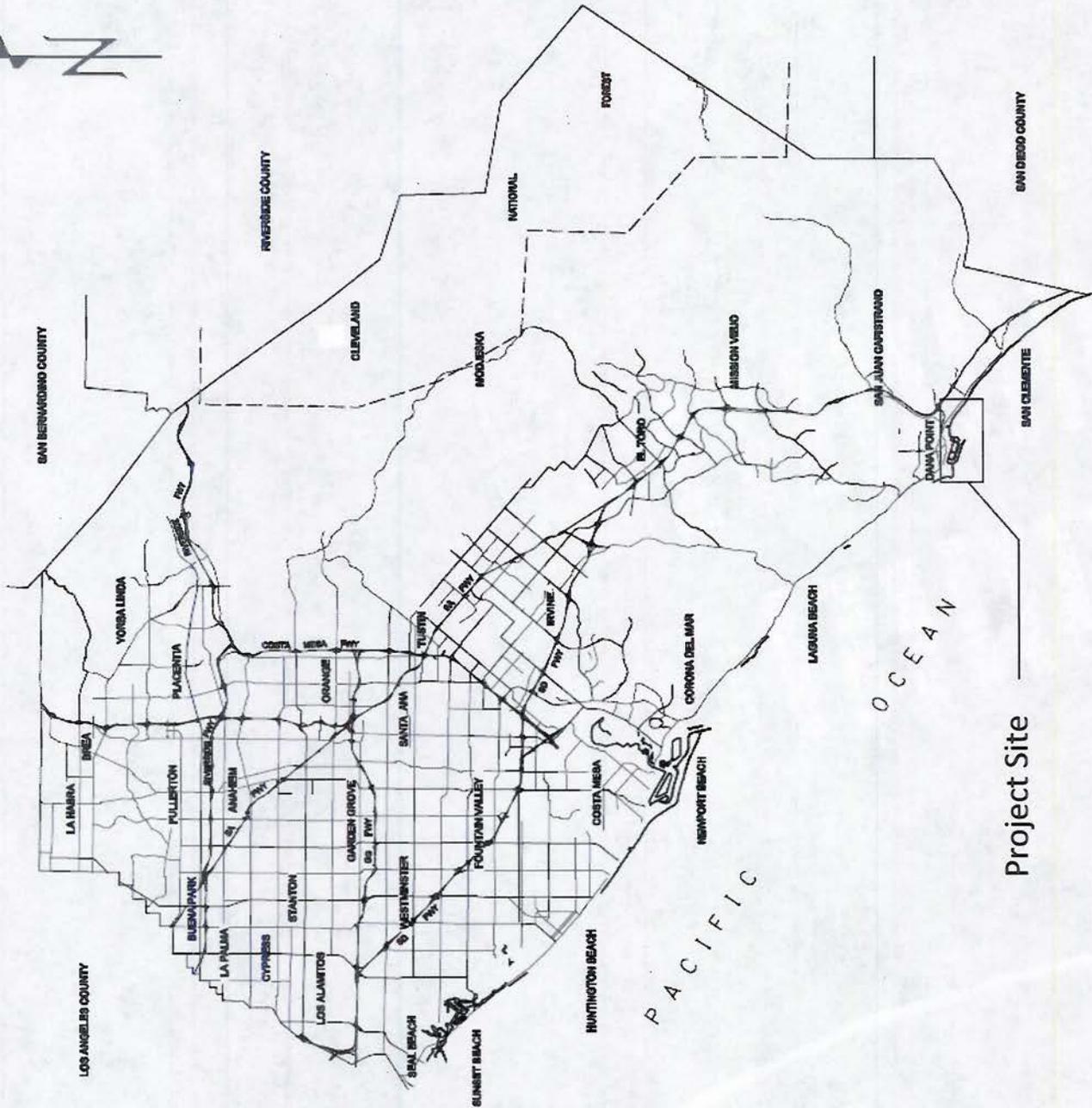
**ATTACHMENT 2**  
**PROJECT FIGURES AND PLANS**

Project Vicinity Map - Figure 1

Project Location Map - Figure 2

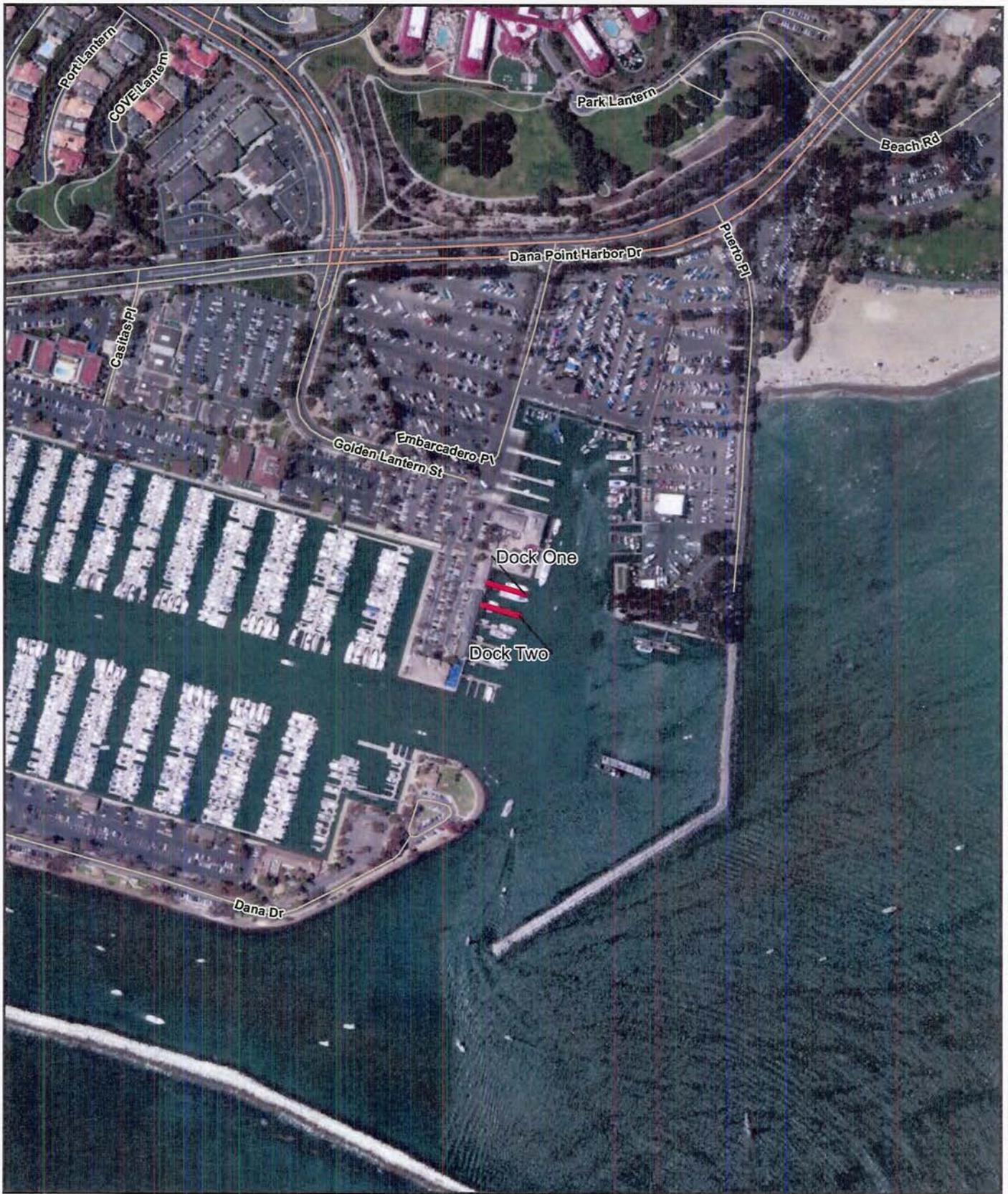
Guide Pile and a Pile Guide on Dock 1 – Figure 3

Guide Pile, Dock, & Parking Lot Upgrades – T-1, T-2, L-1, L-2, & L-3



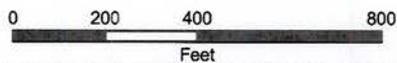
Project Site

Figure 1 - Project Vicinity



**Legend**

— Dock Location



**Figure 2**  
Project Location Map

Figure 3: Guide Pile and a Pile Guide on Dock 1



# DANA POINT SPORT FISHING DOCKS-GUIDE PILE UPGRADES

DANA POINT, CA

## SHEET LIST

- T-1 TITLE SHEET
- T-2 NOTES AND SPECIFICATIONS
- L-1 DOCK & PILE IMPROVEMENT DETAILS
- L-2 ADA PATH OF TRAVEL PLAN AND SECTIONS
- L-3 ADA PARKING WALKWAY

## GOVERNING DESIGN CODES

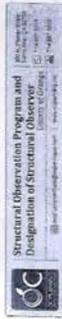
- GENERAL BUILDING AND LOADING REQUIREMENT DESIGN STANDARDS:
  - IBC (CALIFORNIA BUILDING CODE) 2010 EDITION
  - IBC (CALIFORNIA BUILDING CODE) 2006 EDITION
  - SDS FOR BUILDINGS AND OTHER STRUCTURES 2005 EDITION
  - STRUCTURAL STEEL DESIGN
  - AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) 13TH EDITION
  - ANSI/AWS D1.1 (AMERICAN WELDING SOCIETY-CODE BOOK) LATEST EDITION
  - STRUCTURAL CONCRETE DESIGN:
    - ACI 318 (AMERICAN CONCRETE INSTITUTE) 2008 EDITION
  - STRUCTURAL TIMBER DESIGN:
    - NDS (NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION) 2005 EDITION

## SPECIAL INSPECTIONS REQUIRED

NO SPECIAL INSPECTIONS ARE REQUIRED FOR THIS PROJECT.

## STRUCTURAL OBSERVATIONS REQUIRED

PER CBC 2010  
ENGINEER OF RECORD SHALL BE RETAINED TO OBSERVE PILE DRIVING OPERATIONS (REFER TO ATTACHED OBSERVATIONS REFERENCE SHEET)



PROJECT ADDRESS: 2500 Via Cabillo Marina, Suite 200, Dana Point, CA 92629  
 PROJECT NO.: 2011-001  
 DATE: 08/15/13  
 DRAWN BY: J. M. [Signature]  
 CHECKED BY: J. M. [Signature]  
 APPROVED BY: J. M. [Signature]

DESCRIPTION	STATUS	DATE	BY
Structural Observations Program and Designation of Structural Engineer	Complete	08/15/13	J. M.
Structural Steel Design	Complete	08/15/13	J. M.
Structural Concrete Design	Complete	08/15/13	J. M.
Structural Timber Design	Complete	08/15/13	J. M.
Structural Steel Detailing	Complete	08/15/13	J. M.
Structural Concrete Detailing	Complete	08/15/13	J. M.
Structural Timber Detailing	Complete	08/15/13	J. M.
Structural Steel Fabrication	Complete	08/15/13	J. M.
Structural Concrete Formwork	Complete	08/15/13	J. M.
Structural Timber Formwork	Complete	08/15/13	J. M.
Structural Steel Erection	Complete	08/15/13	J. M.
Structural Concrete Erection	Complete	08/15/13	J. M.
Structural Timber Erection	Complete	08/15/13	J. M.

REVISIONS: 1. 08/15/13 - Initial design and construction details.

DATE: 08/15/13

PROJECT NO.: 2011-001

## CLIENT

VINTAGE MARINA PARTNERS  
 P.O. BOX 249-EMBARCADERO PL.  
 DANA POINT, CA 92629

## PROJECT

FISHERMAN WHARF  
 DANA POINT, CA

## CONTACT INFORMATION

CLIENT:  
 VINTAGE MARINA PARTNERS  
 P.O. BOX 249-EMBARCADERO PLACE  
 DANA POINT, CA 92629  
 (949) 496-6177 - VOICE  
 (949) 496-6177 - FAX  
 ATTN: BEN STETSON

ENGINEER:  
 TIM BAILEY, P.E.  
 BLUEWATER DESIGN GROUP  
 2500 VIA CABRILLO MARINA, SUITE 200  
 SAN PEDRO, CA 90731  
 (310) 548-3132 - VOICE  
 (310) 548-1924 - FAX

## PROJECT DESCRIPTION

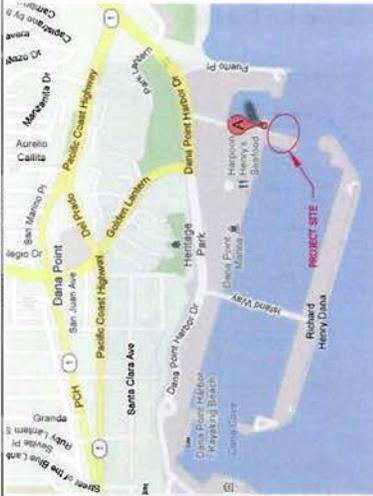
CONCEPTUAL PLANS FOR THE INSTALLATION OF NEW STEEL GUIDE PILES AND INTERNAL PILE GUIDES ON EXISTING FLOATING DOCKS FOR THE DANA POINT SPORT FISHING DOCKS.

## PROJECT DATA

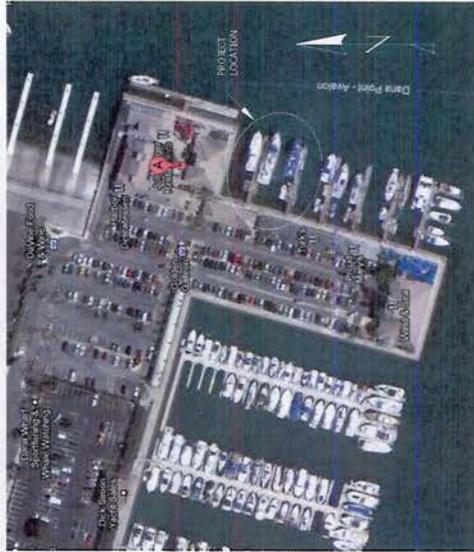
APPROX. SITE ADDRESS: 34075 GOLDEN LANTERN ST.  
 DANA POINT, CA 92629

## DISCHARGE ELIMINATION SYSTEM (NPDES) NOTES

## VICINITY MAP



## LOCATION MAP



GRAPHIC SCALE

## 2500 Via Cabillo Marina, Suite 200

2500 Via Cabillo Marina, Suite 200  
 Dana Point, CA 92629  
 Tel: 310 548 3132  
 Fax: 310 548 1924

## BLUEWATER Design Group

Bluewater Design Group  
 2500 Via Cabillo Marina, Suite 200  
 Dana Point, CA 92629  
 Tel: 310 548 3132  
 Fax: 310 548 1924

## REGISTERED PROFESSIONAL ENGINEER

Timothy Bailey, P.E.  
 License No. 50889  
 State of California  
 Civil Engineering

## DATE

08/15/13

## BY

J. M.

## FOR

Bluewater Design Group

## PROJECT NO.

2011-001

## DATE

08/15/13

## BY

J. M.

## FOR

Bluewater Design Group

## PROJECT

FISHERMAN WHARF

## DATE

08/15/13

## BY

J. M.

## FOR

Bluewater Design Group

## PROJECT

FISHERMAN WHARF

## DATE

08/15/13

## BY

J. M.

## FOR

Bluewater Design Group

## PROJECT

FISHERMAN WHARF

## DATE

08/15/13

## BY

J. M.

## FOR

Bluewater Design Group

## PROJECT

FISHERMAN WHARF

## DATE

08/15/13

## BY

J. M.

## FOR

Bluewater Design Group

## TITLE SHEET

AS NOTED  
 08/15/13  
 2297-D  
 T-1  
 - of -

GENERAL CONSTRUCTION NOTES

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY AND CITY LAWS AND ORDINANCES... 2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTY ADJACENT TO THE WORK... 3. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING... 4. THE CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE... 5. THE CONTRACTOR SHALL PROVIDE ADEQUATE LIABILITY INSURANCE... 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS... 7. ANY CONFLICTS WITH THE DESIGN OR ANY CHANGES TO THE PLANS SHALL BE AUTHORIZED BY THE ENGINEER... 8. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT ARE INDICATED... 9. A SET OF SIGNED BLUEPRINTS WILL BE KEPT AT ALL TIMES AT THE JOB SITE... 10. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN WORKING NEAR EXISTING UTILITIES... 11. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED... 12. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO THE SAFETY OF THE STAFF AND PUBLIC... 13. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN WORKING NEAR AND ON THE EXISTING MARINA... 14. THE CONTRACTOR SHALL PREPARE AS-BUILT DRAWINGS AND SUBMIT AT THE END OF CONSTRUCTION... 15. NO CONSTRUCTION MATERIALS, EQUIPMENT, DEBRIS, OR WASTE SHALL BE PLACED OR STORED WHERE IT MAY BE SUBJECT TO WAVE, WIND, OR RAIN EXPOSURE AND DISPERSED... 16. THE CONTRACTOR SHALL REMOVE AND DISPOSE, USING APPROVED LEGAL METHODS, ALL SURPLUS EXCAVATION MATERIALS AND CONSTRUCTION DEBRIS... 17. ALL CONSTRUCTION MATERIALS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE... 18. FLOOD THIS BRIDGE SHALL BE USED TO CONTAIN DEBRIS DISCHARGED INTO THE MARINA WATERS... 19. NON-BIODEGRADABLE DEBRIS DISCHARGED INTO BAY WATERS SHALL BE RECOVERED BY DIERS AS SOON AS POSSIBLE AFTER LOSS... 20. MATERIALS, STRUCTURAL CALCULATIONS AND FINAL CONSTRUCTION DETAILS INCLUDING MARINE SETTING AND CONNECTION DETAILS... 21. THESE PLANS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION... 22. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO THE EXISTING CONDITIONS IS GIVEN AS SHOWN... 23. ADVANCE OF COMPLETION OF ANY PART OF THE WORK... 24. INSTALLATION OF PILES AND TOLERANCES... 25. CONTRACTOR IS RESPONSIBLE TO INSTALL PILES SUCH THAT THEIR FINAL POSITIONS ARE AS SHOWN ON DRAWINGS...

DESIGN CRITERIA FOR STEEL GUIDE PILES AND FLOTTING DOCKS

- 1. ALL STRUCTURES SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING DESIGN CODES... 2. LAYOUT AND DESIGN SOLUTIONS FOR MARINA BERTHING FACILITIES... 3. STEEL GUIDE PILE INSTALLATION CONSISTS OF FURNISHING TRANSPORTATION, LABOR, AT DANA POINT HARBOR... 4. THE LAYOUT AND PRINCIPAL DIMENSIONS OF THE STEEL GUIDE PILE SYSTEM ARE INDICATED ON DRAWINGS... 5. THE STEEL GUIDE PILE SYSTEM, INCLUDING ALL STRUCTURAL AND ACCESSORY COMPONENTS OF THE SYSTEM SHALL BE DESIGNED FOR A 30 YEAR LIFE EXPECTANCY... 6. LATERAL WIND LOADS... 7. LATERAL WAVE LOAD (SWL)... 8. LATERAL CURRENT LOAD (CLC)... 9. IMPACT LOAD (IL) DUE TO IMPACT OF A VESSEL... 10. IMPACT LOAD SHALL BE APPLIED TO DOCK AT MIDPOINT BETWEEN TWO PILES... 11. COMBINED LOADING CASES FOR DESIGN... 12. ON ACCESSIBLE ROUTES, UNDER ALL LOADING CONDITIONS, DECK TRANSVERSE CROSS SLOPE SHALL NOT EXCEED 1:30 OR 2%... 13. THE FLOORING DECK SYSTEM SHALL BE DESIGNED TO BE RESTRAINED BY THE GUIDE PILES AS SHOWN ON DRAWINGS... 14. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT ARE INDICATED... 15. A SET OF SIGNED BLUEPRINTS WILL BE KEPT AT ALL TIMES AT THE JOB SITE... 16. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN WORKING NEAR EXISTING UTILITIES... 17. ALL CONSTRUCTION MATERIALS, EQUIPMENT, DEBRIS, OR WASTE SHALL BE PLACED OR STORED WHERE IT MAY BE SUBJECT TO WAVE, WIND, OR RAIN EXPOSURE AND DISPERSED... 18. THE CONTRACTOR SHALL REMOVE AND DISPOSE, USING APPROVED LEGAL METHODS, ALL SURPLUS EXCAVATION MATERIALS AND CONSTRUCTION DEBRIS... 19. ALL CONSTRUCTION MATERIALS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE... 20. FLOOD THIS BRIDGE SHALL BE USED TO CONTAIN DEBRIS DISCHARGED INTO THE MARINA WATERS... 21. NON-BIODEGRADABLE DEBRIS DISCHARGED INTO BAY WATERS SHALL BE RECOVERED BY DIERS AS SOON AS POSSIBLE AFTER LOSS... 22. MATERIALS, STRUCTURAL CALCULATIONS AND FINAL CONSTRUCTION DETAILS INCLUDING MARINE SETTING AND CONNECTION DETAILS... 23. THESE PLANS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION... 24. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO THE EXISTING CONDITIONS IS GIVEN AS SHOWN... 25. ADVANCE OF COMPLETION OF ANY PART OF THE WORK...

MATERIAL SPECIFICATION

- 1. PILES SHALL BE DRIVEN WITH AN INCLINATION OF NOT MORE THAN 1/8 INCH PER FOOT FROM THE VERTICAL... 2. WHERE OBSTRUCTIONS ARE ENCOUNTERED THAT RESULT IN A SIGNIFICANT UNEXPECTED INCREASE IN RESISTANCE... 3. CONTRACTORS SHALL TAKE ANY NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT FEATURES... 4. THE CONTRACTOR SHALL VERIFY MIDDLE ELEVATIONS WITH THOSE SHOWN ON THE DRAWINGS... 5. CONTRACTOR SHALL VERIFY MIDDLE ELEVATIONS WITH THOSE SHOWN ON THE DRAWINGS... 6. DESIGN CRITERIA FOR STEEL GUIDE PILES AND FLOTTING DOCKS... 7. ALL STRUCTURES SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING DESIGN CODES... 8. LAYOUT AND DESIGN SOLUTIONS FOR MARINA BERTHING FACILITIES... 9. STEEL GUIDE PILE INSTALLATION CONSISTS OF FURNISHING TRANSPORTATION, LABOR, AT DANA POINT HARBOR... 10. THE LAYOUT AND PRINCIPAL DIMENSIONS OF THE STEEL GUIDE PILE SYSTEM ARE INDICATED ON DRAWINGS... 11. THE STEEL GUIDE PILE SYSTEM, INCLUDING ALL STRUCTURAL AND ACCESSORY COMPONENTS OF THE SYSTEM SHALL BE DESIGNED FOR A 30 YEAR LIFE EXPECTANCY... 12. LATERAL WIND LOADS... 13. LATERAL WAVE LOAD (SWL)... 14. LATERAL CURRENT LOAD (CLC)... 15. IMPACT LOAD (IL) DUE TO IMPACT OF A VESSEL... 16. IMPACT LOAD SHALL BE APPLIED TO DOCK AT MIDPOINT BETWEEN TWO PILES... 17. COMBINED LOADING CASES FOR DESIGN... 18. ON ACCESSIBLE ROUTES, UNDER ALL LOADING CONDITIONS, DECK TRANSVERSE CROSS SLOPE SHALL NOT EXCEED 1:30 OR 2%... 19. THE FLOORING DECK SYSTEM SHALL BE DESIGNED TO BE RESTRAINED BY THE GUIDE PILES AS SHOWN ON DRAWINGS... 20. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT ARE INDICATED... 21. A SET OF SIGNED BLUEPRINTS WILL BE KEPT AT ALL TIMES AT THE JOB SITE... 22. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN WORKING NEAR EXISTING UTILITIES... 23. ALL CONSTRUCTION MATERIALS, EQUIPMENT, DEBRIS, OR WASTE SHALL BE PLACED OR STORED WHERE IT MAY BE SUBJECT TO WAVE, WIND, OR RAIN EXPOSURE AND DISPERSED... 24. THE CONTRACTOR SHALL REMOVE AND DISPOSE, USING APPROVED LEGAL METHODS, ALL SURPLUS EXCAVATION MATERIALS AND CONSTRUCTION DEBRIS... 25. ALL CONSTRUCTION MATERIALS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE...

GENERAL NOTES AND SPECIFICATIONS

- 1. PILES SHALL BE DRIVEN WITH AN INCLINATION OF NOT MORE THAN 1/8 INCH PER FOOT FROM THE VERTICAL... 2. WHERE OBSTRUCTIONS ARE ENCOUNTERED THAT RESULT IN A SIGNIFICANT UNEXPECTED INCREASE IN RESISTANCE... 3. CONTRACTORS SHALL TAKE ANY NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT FEATURES... 4. THE CONTRACTOR SHALL VERIFY MIDDLE ELEVATIONS WITH THOSE SHOWN ON THE DRAWINGS... 5. CONTRACTOR SHALL VERIFY MIDDLE ELEVATIONS WITH THOSE SHOWN ON THE DRAWINGS... 6. DESIGN CRITERIA FOR STEEL GUIDE PILES AND FLOTTING DOCKS... 7. ALL STRUCTURES SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING DESIGN CODES... 8. LAYOUT AND DESIGN SOLUTIONS FOR MARINA BERTHING FACILITIES... 9. STEEL GUIDE PILE INSTALLATION CONSISTS OF FURNISHING TRANSPORTATION, LABOR, AT DANA POINT HARBOR... 10. THE LAYOUT AND PRINCIPAL DIMENSIONS OF THE STEEL GUIDE PILE SYSTEM ARE INDICATED ON DRAWINGS... 11. THE STEEL GUIDE PILE SYSTEM, INCLUDING ALL STRUCTURAL AND ACCESSORY COMPONENTS OF THE SYSTEM SHALL BE DESIGNED FOR A 30 YEAR LIFE EXPECTANCY... 12. LATERAL WIND LOADS... 13. LATERAL WAVE LOAD (SWL)... 14. LATERAL CURRENT LOAD (CLC)... 15. IMPACT LOAD (IL) DUE TO IMPACT OF A VESSEL... 16. IMPACT LOAD SHALL BE APPLIED TO DOCK AT MIDPOINT BETWEEN TWO PILES... 17. COMBINED LOADING CASES FOR DESIGN... 18. ON ACCESSIBLE ROUTES, UNDER ALL LOADING CONDITIONS, DECK TRANSVERSE CROSS SLOPE SHALL NOT EXCEED 1:30 OR 2%... 19. THE FLOORING DECK SYSTEM SHALL BE DESIGNED TO BE RESTRAINED BY THE GUIDE PILES AS SHOWN ON DRAWINGS... 20. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT ARE INDICATED... 21. A SET OF SIGNED BLUEPRINTS WILL BE KEPT AT ALL TIMES AT THE JOB SITE... 22. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN WORKING NEAR EXISTING UTILITIES... 23. ALL CONSTRUCTION MATERIALS, EQUIPMENT, DEBRIS, OR WASTE SHALL BE PLACED OR STORED WHERE IT MAY BE SUBJECT TO WAVE, WIND, OR RAIN EXPOSURE AND DISPERSED... 24. THE CONTRACTOR SHALL REMOVE AND DISPOSE, USING APPROVED LEGAL METHODS, ALL SURPLUS EXCAVATION MATERIALS AND CONSTRUCTION DEBRIS... 25. ALL CONSTRUCTION MATERIALS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE...

Table with columns: SHEET NO., AS NOTED, DATE. Values: 2297-D, 04-15-13.

GENERAL NOTES AND SPECIFICATIONS

2500 Via Cabrillo Marina, Suite 200 San Pedro, CA 90731 Tel: 310 548 1122 Fax: 310 548 1124

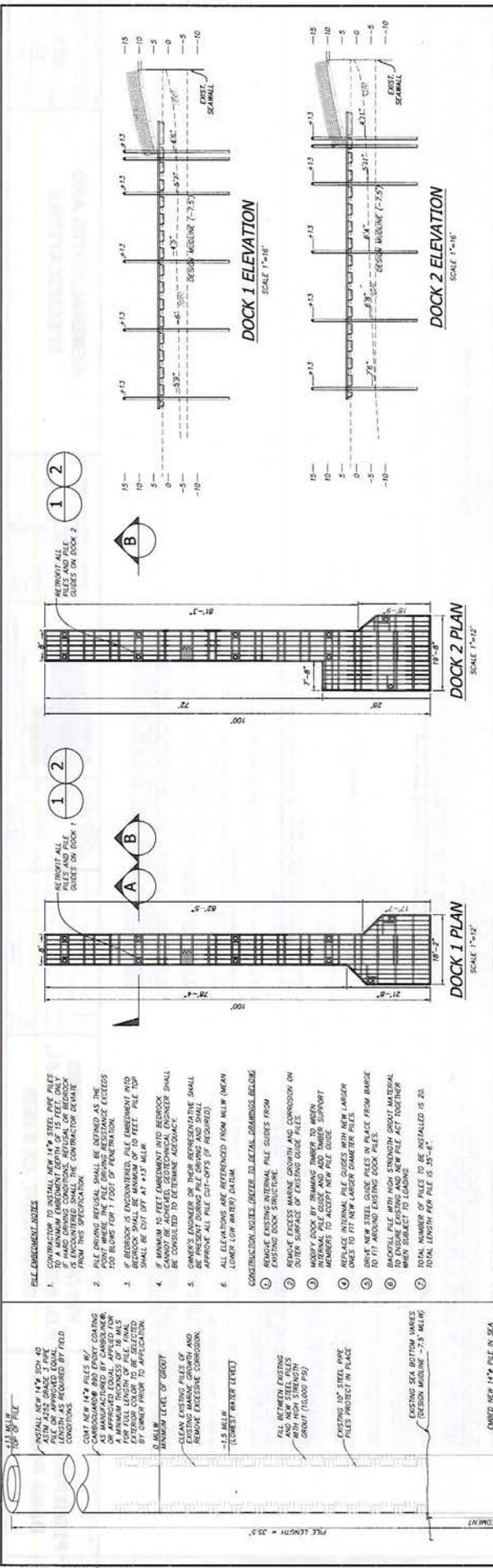


Table with columns: NO., DESCRIPTION, QUANTITY, UNIT, PRICE. Includes a total row.

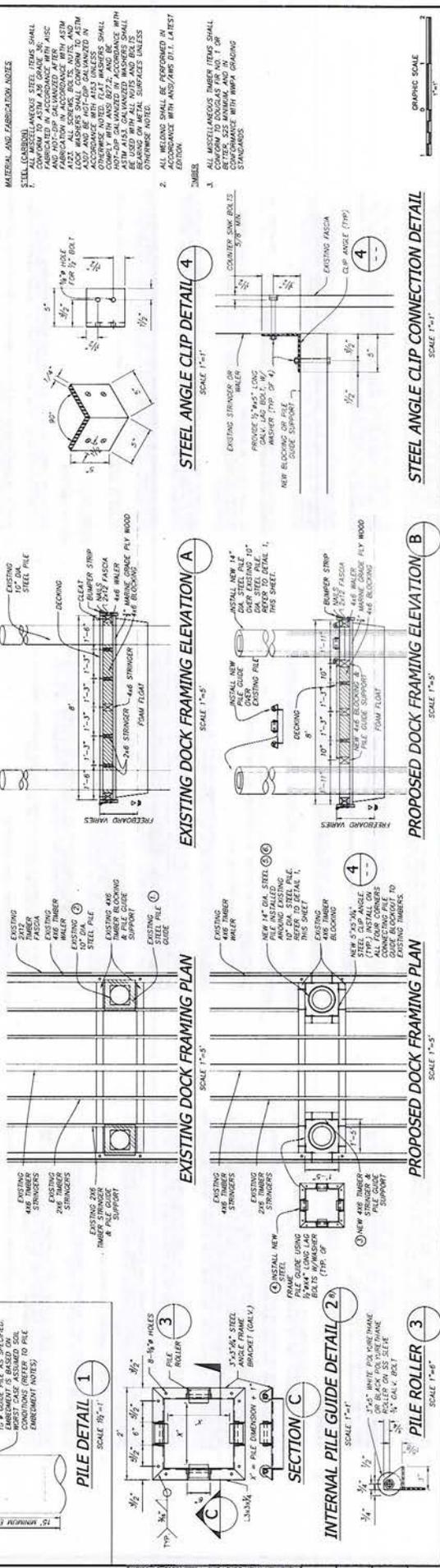
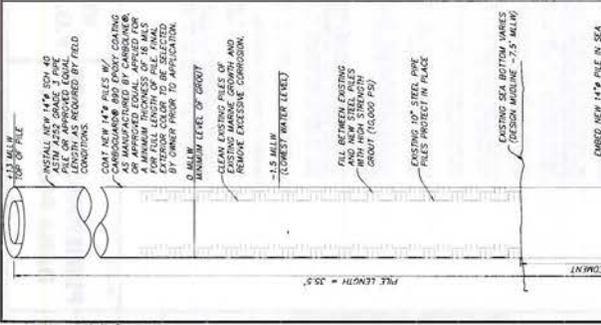
VINTAGE MARINA PARTNERS P.O. BOX 249-EMBARCADERO PL. DANA POINT, CA 92629

FISHERMAN WHARF DANA POINT, CA

STATUS



- CALL OUTS/NOTES**
- CONTRACTOR TO INSTALL NEW 14" DIA. STEEL PILE GUIDES PER PLAN. IF ANY CHANGES ARE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES.
  - PILE BRACING SYSTEM SHALL BE DESIGNED AS THE POINT WHERE THE PILE DRIVING RESISTANCE EXCEEDS 100 BLOWS PER FOOT OF PENETRATION.
  - IF BRACKETS ARE ENCOUNTERED, PILE EMBEDMENT INTO BRACKET SHALL BE CUT AT +13' MIN. PILE TOP SHALL BE CUT AT +13' MIN.
  - IF BRACKET IS 10 FEET OR MORE FROM PILE, BRACKET SHALL NOT BE ACHIEVED. GEOTECHNICAL ENGINEER SHALL BE CONSULTED TO DETERMINE ADEQUACY.
  - OWNER'S ENGINEER SHALL APPROVE ALL PILE CUT-OFFS (IF REQUIRED).
  - ALL ELEVATIONS ARE REFERENCED FROM MLLW (MEAN LOWER LOW WATER) DATUM.
- CONSTRUCTION NOTES (REFER TO DETAIL DRAWINGS BELOW)**
- REMOVE EXISTING INTERNAL PILE GUIDES FROM EXISTING DOCK STRUCTURE.
  - REMOVE EXCESS MARINE GROWTH AND CORROSION ON OUTER SURFACE OF EXISTING PILE GUIDES.
  - MODIFY DOCK BY TRIMMING TIMBER TO ADJUST BRACKET HEIGHTS TO ACCEPT AND PILE GUIDE.
  - REPLACE INTERNAL PILE GUIDES WITH NEW LARGER SIZES TO FIT NEW LARGER DIAMETER PILES.
  - DRIVE NEW STEEL PILE GUIDES IN PLACE FROM BARGE TO FIT AROUND EXISTING DOCK PILES.
  - BRACKET PILE WITH HIGH STRENGTH GROUT MATERIAL. BRACKET SHALL BE REINFORCED WITH PILE ACT TOGETHER WHEN SUBJECT TO LOADS.
  - TOTAL NUMBER OF PILES TO BE INSTALLED IS 20.



- EXISTING DOCK FRAMING PLAN**
- PROPOSED DOCK FRAMING PLAN**
- STEEL ANGLE CLIP DETAIL 4**
- INTERNAL PILE GUIDE DETAIL 2**
- SECTION C**
- PILE ROLLER 3**

**MATERIAL AND FABRICATION NOTES**

1. ALL MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH AISC/AWS D11, LATEST EDITION.

2. ALL WELDS SHALL BE PERFORMED IN ACCORDANCE WITH AISC/AWS D11, LATEST EDITION.

3. ALL MISCELLANEOUS TIMBER ITEMS SHALL BE SPECIFIED IN ACCORDANCE WITH THE LATEST, S35 MANUAL AND IN ACCORDANCE WITH RWPA GRADING STANDARDS.

**PROJECT**

**FISHERMAN WHARF IMPROVEMENT PROJECT**

**VINTAGE MARINA PARTNERS**  
P.O. BOX 249-EMBARCADERO PL.  
DANA POINT, CA 92629

**CLIENT**

**VINTAGE MARINA PARTNERS**  
P.O. BOX 249-EMBARCADERO PL.  
DANA POINT, CA 92629

**DATE** 04-15-13

**AS NOTED** 2297-D

**SCALE** L-1

**DATE** - 01 -

**STATUS**

**PROJECT**

**CLIENT**

**DATE**

**AS NOTED**

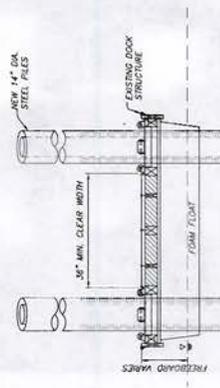
**SCALE**

**DATE**

**STATUS**

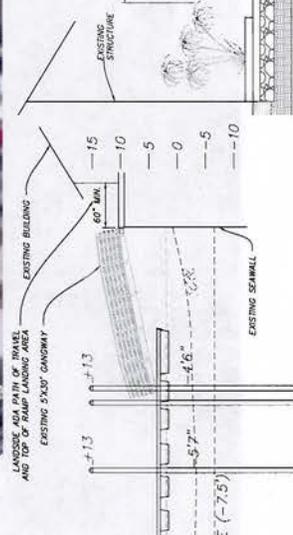
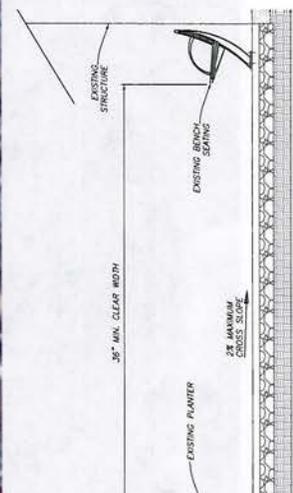
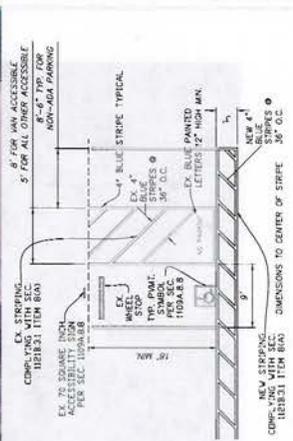


PHOTO OF EXISTING ADA PARKING STALL  
SCALE NTS



PROPOSED DOCK ADA PATH OF TRAVEL (A)  
SCALE 1"=4'

- ADA NOTES
1. SHOW THE ADA PATH OF TRAVEL FROM THE EXISTING ADA PARKING STALLS TO THE FLOATING DOCK STRUCTURE THAT IS REFERENCED IN THESE APPROXIMATE PLANS. ALL ROUTES OF TRAVEL ARE TO BE GREATER THAN 5% IN SLOPE, WITH THE EXCEPTION OF THE ADA GANGWAYS.
  2. ALL EXISTING MAXIMUM GROSS SLOPES ALONG THE ADA PATH OF TRAVEL DO NOT EXCEED 2% IN SLOPE.



STATUS

PROJECT: FISHMAN WHARF

CLIENT: VINTAGE MARINA PARTNERS

NO. AS NOTED: 04-15-13

DATE: 2297-D

REV: L-2

BY: [Signature]

SCALE: 1"=4'

2500 Via Chabilla Marina, Suite 200  
San Pedro, CA 90731  
Tel: 310-548-3332  
Fax: 310-548-3254

BLUE WATER  
Intelli Group  
Planning and Engineering Services  
For Marina and Yachtclub Owners

REGISTERED PROFESSIONAL ENGINEER  
No. C-20019  
EX. 03/2011  
STATE OF CALIFORNIA

PROJECT: FISHMAN WHARF

CLIENT: VINTAGE MARINA PARTNERS

P.O. BOX 249-EMBARCADERO PL.  
DANA POINT, CA 92629

NO. AS NOTED: 04-15-13

DATE: 2297-D

REV: L-2

BY: [Signature]

SCALE: 1"=4'

ADA PATH OF TRAVEL  
PLAN AND SECTIONS

2500 Via Chabilla Marina, Suite 200  
San Pedro, CA 90731  
Tel: 310-548-3332  
Fax: 310-548-3254

BLUE WATER  
Intelli Group  
Planning and Engineering Services  
For Marina and Yachtclub Owners

REGISTERED PROFESSIONAL ENGINEER  
No. C-20019  
EX. 03/2011  
STATE OF CALIFORNIA

PROJECT: FISHMAN WHARF

CLIENT: VINTAGE MARINA PARTNERS

P.O. BOX 249-EMBARCADERO PL.  
DANA POINT, CA 92629

NO. AS NOTED: 04-15-13

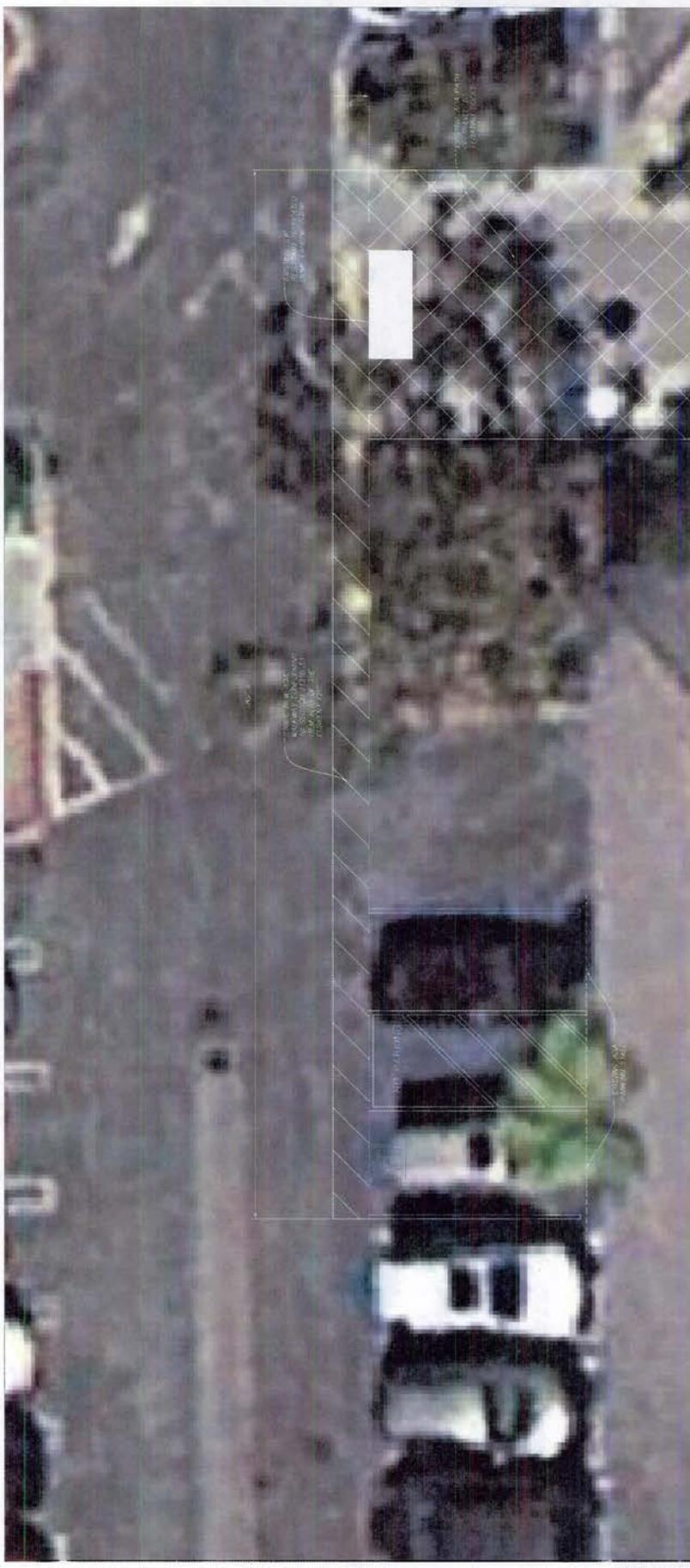
DATE: 2297-D

REV: L-2

BY: [Signature]

SCALE: 1"=4'

DRAWN BY: J. B. ...  
 CHECKED BY: ...  
 DATE: ...  
 PROJECT: ...  
 SHEET: ...



**E** ADA PARKING WALKWAY STRIPING  
 SCALE 1"=4'

<b>PROJECT</b> <b>FISHERMAN WHARF</b> <b>DANA POINT, CA</b>	<b>CLIENT</b> <b>VINTAGE MARINA PARTNERS</b> <b>P.O. BOX 249-EMBARCADERO PL.</b> <b>DANA POINT, CA 92629</b>			2500 Via Cabrillo Marina, Suite 200 San Juan Capistrano, CA 92675 Phone: 949 249 1324 Fax: 949 249 1324 www: www.bienatir.com Email: info@bienatir.com	DATE: 04-15-13
					AS NOTED: 2297-D SHEET: L-3 TOTAL SHEETS: 4 of 4

Orange County Dana Point Harbor  
Dana Point Harbor Sport Fishing Docks Pile Sleeving Project  
Certification No. R9-2014-0089

**ATTACHMENT 3**  
**CEQA MITIGATION MONITORING AND REPORTING PROGRAM**

## Exhibit B

Condition	Responsible Party	Time of Verification
<p>SCA 4.4-2 – Prior to the issuance of any grading permits, the County of Orange - Dana Point Harbor Department shall, in a manner meeting the approval of the Manager, RDMD/Subdivision and Grading:</p> <ol style="list-style-type: none"> <li>1) Design provisions for surface drainage; and</li> <li>2) Design all necessary storm drain facilities extending to a satisfactory point of disposal for the proper control and disposal of storm runoff; and</li> <li>3) Dedicate the associated easements to the County of Orange, if determined necessary.</li> </ol>	<p>Manager, RDMD/Subdivision and Grading  County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits</p>
<p>SCA 4.4-3 – Prior to the issuance of any building permits, the County of Orange Dana Point Harbor Department shall participate in the applicable Master Plan of Drainage in a manner meeting the approval of the Manager, RDMD/Subdivision and Grading, including construction of the necessary facilities.</p>	<p>Manager, RDMD/Subdivision and Grading  County of Orange - Dana Point Harbor Department</p>	<p>Building Permits</p>
<p>SCA 4.4-4 – The County of Orange Dana Point Harbor Department shall obtain coverage under the NPDES Statewide Stormwater Permit for General Construction Activities from the State Water Resources Control Board. Evidence of receipt of permit approval must be presented to the Manager, RDMD/Subdivision and Grading prior to the issuance of a Grading Permit.</p>	<p>Manager, RDMD/Subdivision and Grading  County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits</p>
<p>SCA 4.4-5 – Prior to the issuance of any grading or building permits, the County of Orange Dana Point Harbor Department shall demonstrate compliance under California's General Permit for Stormwater Discharges Associated with Construction Activity by providing a copy of the Notice of Intent (NOI) submitted to the State Water Resources Control Board and a copy of the subsequent notification of the issuance of a Waste Discharge Identification (WDID) Number or other proof of filing in a manner meeting the satisfaction of the Manager, RDMD/Building Permit Services. Projects subject to this</p>	<p>Manager, RDMD/Building Permit Services  County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

Exhibit B

Condition	Responsible Party	Time of Verification
<p>requirement shall prepare and implement a Stormwater Pollution Prevention Plan (SWPPP). A copy of the current SWPPP shall be kept at the Project site and be available for County review on request.</p>	<p>Manager, RDMD/Subdivision and Grading County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits</p>
<p>SCA 4.4-6 – Prior to the issuance of any grading permits, County of Orange Dana Point Harbor Department shall submit a Runoff Management Plan (RMP) to the Manager, RDMD/Subdivision and Grading for review and approval.</p>	<p>Manager, RDMD/Building Permit Services County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>SCA 4.4-7 – Prior to the issuance of any grading or building permits, the County of Orange Dana Point Harbor Department shall submit an Erosion and Sediment Control Plan (ESCP) in a manner meeting approval of the Manager, RDMD/Building Permit Services, to demonstrate compliance with local and state water quality regulations for grading and construction activities. The ESCP shall identify how all construction materials, wastes, grading or demolition debris, and stockpiles of soil, aggregates, soil amendments, etc. shall be properly covered, stored, and secured to prevent transport into local drainages or coastal waters by wind, rain, tracking, tidal erosion or dispersion. The ESCP shall also describe how the County will ensure that all BMP's will be maintained during construction of any future public right-of-ways. A copy of the current ESCP shall be kept at the Project site and be available for County review on request.</p>	<p>Manager, RDMD/Inspection Services County of Orange - Dana Point Harbor Department</p>	<p>Coastal Development Permits, Grading and Building Permits</p>

Exhibit B

Condition	Responsible Party	Time of Verification
<p>WQMP shall identify, at a minimum, the routine structural and non-structural measures specified in the current Drainage Area Management Plan (DAMP). The WQMP may include one or more of the following:</p> <ul style="list-style-type: none"> <li>▪ Discuss regional water quality and/or watershed programs (if available for the Project);</li> <li>▪ Address Site Design BMPs (as applicable) such as minimizing impervious areas, maximizing permeability, minimizing directly connected impervious areas, creating reduced or "zero discharge" areas, and conserving natural areas;</li> <li>▪ Include the applicable Routine Source Control BMPs as defined in the DAMP;</li> <li>▪ Demonstrate how surface runoff and subsurface drainage shall be managed and directed to the nearest acceptable drainage facility (as applicable), via sump pumps if necessary.</li> </ul> <p>SCA 4.4-9 – Prior to the issuance of any grading or building permit (whichever comes first) and Coastal Development Permit, the County of Orange Dana Point Harbor Department shall include in the WQMP the following additional Priority Project information in a manner meeting the approval of the Manager, Inspection Services Division:</p> <ul style="list-style-type: none"> <li>▪ Include post-construction Structural Treatment Control BMP(s) as defined in the DAMP;</li> <li>▪ Include a conceptual Operation and Maintenance (O&amp;M) Plan that (1) describes the long-term operation and maintenance requirements for the post-construction Treatment Control BMP(s); (2) identifies the entity that will be responsible for long-term operation and maintenance of the referenced Treatment Control BMP(s); and (3) describes the</li> </ul>	<p>Manager, RDMD/Inspection Services  County of Orange - Dana Point Harbor Department</p>	<p>Coastal Development Permits, Grading and Building Permits</p>

Exhibit B

Condition	Responsible Party	Time of Verification
<p>proposed mechanism for funding the long-term operation and maintenance of the referenced Treatment Control BMP(s).</p> <p>SCA 4.4-10 – Prior to the issuance of certificates of use and occupancy, the County of Orange Dana Point Harbor Department shall demonstrate compliance with the WQMP in a manner meeting the satisfaction of the Manager, RDMD/Inspection Services, including:</p> <ul style="list-style-type: none"> <li>▪ Demonstrate that all structural Best Management Practices (BMPs) described in the Project's WQMP have been implemented, constructed and installed in conformance with approved plans and specifications;</li> <li>▪ Demonstrate that the County of Orange Dana Point Harbor Department has complied with all non-structural BMPs described in the Project's WQMP;</li> <li>▪ Submit for review and approval an Operations and Maintenance (O&amp;M) Plan for all structural BMPs for attachment to the WQMP; and</li> <li>▪ Demonstrate that copies of the Project's approved WQMP (with attached O&amp;M Plan) are available for each of the incoming occupants;</li> </ul> <p>SCA 4.4-11 – Prior to the approval of a grading permit, the County of Orange Dana Point Harbor Department shall submit an Elevation Certificate to the Manager, RDMD/Current Planning Services, identifying the base flood elevation and certifying that the planned elevation of the lowest floor, including basements, is at least one (1) foot above the Base Flood Elevation (BFE). To eliminate FEMA requirements for flood insurance, the lowest elevation of any part of the structure, not only the lowest floor, must be above the BFE.</p>	<p>Manager, RDMD/Inspection Services</p> <p>County of Orange - Dana Point Harbor Department</p>	<p>Certificates of Use and Occupancy</p>
<p>SCA 4.4-11 – Prior to the approval of a grading permit, the County of Orange Dana Point Harbor Department shall submit an Elevation Certificate to the Manager, RDMD/Current Planning Services, identifying the base flood elevation and certifying that the planned elevation of the lowest floor, including basements, is at least one (1) foot above the Base Flood Elevation (BFE). To eliminate FEMA requirements for flood insurance, the lowest elevation of any part of the structure, not only the lowest floor, must be above the BFE.</p>	<p>Manager, RDMD/Current Planning Services</p> <p>County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.3-2 – Further sampling and testing during the design phase is recommended to confirm the preliminary geotechnical findings. If results from further testing indicate the possibility for soil erosion, expansive/collapsible soils or subsidence, Mitigation Measures shall be included to reduce impacts to a less than significant level.</p>	<p>Manager, RDMD/Subdivision and Grading County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits</p>
<p>MM 4.3-3 – The County of Orange Dana Point Harbor Department shall submit erosion control plans for Project grading and site preparation for review and approval by the Manager, RDMD/Subdivision and Grading. The Dana Point Harbor Department shall exercise special care during the construction phase of the Project to prevent off-site siltation. The Dana Point Harbor Department shall provide erosion control measures as approved by the County of Orange, RDMD, RDMD/Subdivision and Grading. The erosion control measures shall be shown and specified on the grading plan and shall be construction to the satisfaction of the County of Orange, RDMD prior to the start of any other grading operations. Prior to the removal of any erosion control devices so constructed, the area served shall be protected by additional drainage facilities, slope erosion control measures, and other methods as may be required by the County of Orange, RDMD. The Dana Point Harbor Department shall maintain the erosion control devices shall remain in place until the County of Orange, RDMD approves of the removal of said facilities.</p>	<p>Manager, RDMD/Subdivision and Grading County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits</p>
<p>MM 4.3-4 – Site safety requirements shall address specifications of the Occupational Safety and Health Administration (OSHA). Applicable specifications prepared by OSHA related to earth resources consist of Section 29 CFR Part 1926, which are focused on worker safety in excavations.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>lanes adjacent to the site; if necessary, a flag person shall be retained to maintain safety adjacent to existing roadways;</p> <ul style="list-style-type: none"> <li>▪ The General Contractor shall provide ridesharing and transit incentives for the construction crew, such as free bus passes and preferred carpool parking;</li> <li>▪ The General Contractor shall utilize electric- or diesel-powered stationary equipment in lieu of gasoline powered engines where feasible; and</li> <li>▪ The General Contractor shall state in construction grading plans that work crews will shut off equipment when not in use.</li> </ul>		
<p>MM 4.6-6 – In order to reduce operational energy usage and reduce energy production air emissions, the Project is required to comply with Title 24 of the California Code of Regulations established by the California Energy Commission regarding energy conservation standards.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Building Permits</p>
<p>MM 4.6-7 – Prior to project plan approval, plans shall be submitted to the satisfaction of the Chief Engineer, DPHD, or his designee, in consultation with the Manager, RDMD/Environmental Planning, indicating the use of Traffic Management Plan (TMP) such as preferential parking for vanpooling/carpooling, subsidy for transit pass or vanpooling/carpooling, flextime work schedule, and bike racks shall be incorporated into the design of the Harbor. A TMP plan shall be prepared and reviewed for implementation prior to issuance of Building Permits.</p>	<p>DPHD, Chief Engineer Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Coastal Development Permit and Building Permits</p>
<p>MM 4.6-9 – Should asbestos be determined to be present within the existing structures of the Commercial Core, the Project shall comply with SCAQMD Rule 1403, Asbestos Emissions From Demolition/ Renovation Activities, during the demolition process.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading Permits and Building Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.7-1 – If Project construction activities within Planning Areas 3 and 5 are anticipated during the breeding season of the California gnatcatcher (March 1 to August 15), surveys of the area within 500 feet of the site by a qualified biologist shall be required prior to start of Project construction activities. If nesting gnatcatchers are identified, Project construction activities must cease for the remainder of the breeding season unless a qualified acoustician can demonstrate that, with or without noise attenuation measures, Project activity noise levels would not exceed 60 decibels (dB) (hourly average) within gnatcatcher-occupied portions of the surveyed area. The qualified biologist shall monitor active nest sites. If the biologist notes that the nest fails, or the young fledge from the nest, then the noise restriction near the nest is no longer required.</p> <p>MM 4.7-2 – The following measures shall be utilized to protect the nesting habitat of the black-crowned night herons and snowy egrets:</p> <ul style="list-style-type: none"> <li>▪ If construction activities are performed during the breeding season (February 1 through August 15), a preconstruction survey within 500 feet of the site for nests shall be performed by a qualified biologist to document the presence/absence of all these species;</li> <li>▪ If nesting black-crowned night herons or snowy egrets are identified, Project construction activities within 500 feet of the nest site must cease for the remainder of the breeding season unless a qualified acoustician can demonstrate that with or without noise attenuation measures, construction noise levels would not exceed 60 dBA within 500 feet of the occupied nests. The qualified biologist shall monitor active nest sites on a weekly basis. If the biologist notes that all young have fledged from the nest, then the noise restriction near the nest is no longer required.</li> </ul>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.7-2 – The following measures shall be utilized to protect the nesting habitat of the black-crowned night herons and snowy egrets:</p> <ul style="list-style-type: none"> <li>▪ If construction activities are performed during the breeding season (February 1 through August 15), a preconstruction survey within 500 feet of the site for nests shall be performed by a qualified biologist to document the presence/absence of all these species;</li> <li>▪ If nesting black-crowned night herons or snowy egrets are identified, Project construction activities within 500 feet of the nest site must cease for the remainder of the breeding season unless a qualified acoustician can demonstrate that with or without noise attenuation measures, construction noise levels would not exceed 60 dBA within 500 feet of the occupied nests. The qualified biologist shall monitor active nest sites on a weekly basis. If the biologist notes that all young have fledged from the nest, then the noise restriction near the nest is no longer required.</li> </ul>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits ( for work being completed during the breeding season February 1 through August 15)</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.7-3 – The following measures shall be utilized to protect nesting habitat of the raptors (red tailed hawk, Cooper’s hawk, osprey, etc):</p> <ul style="list-style-type: none"> <li>▪ If work is scheduled to be performed during the breeding season of any raptor (February 1 through August 15), a preconstruction survey within 500 feet of the site for raptor nests shall be performed by a qualified biologist to document the presence/absence of all nesting raptors; and</li> <li>▪ if active raptor nests are found, a buffer of 500 feet in diameter should be established around the nest and no construction activity shall occur within that buffer until the young have fledged.</li> </ul>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits (for work being completed during the breeding season February 1 through August 15)</p>
<p>MM 4.7-4 – In order to minimize indirect impacts on biological resources that may be related to noise and construction activity, the County of Orange Dana Point Harbor Department shall implement the following Best Management Practices (BMPs) prior to or during construction activities.</p> <ul style="list-style-type: none"> <li>▪ Limit construction and all Project activities to a well-defined area; and</li> <li>▪ Construction limits shall be fenced or flagged adjacent to preserved trees and/or sensitive habitats to avoid direct impacts.</li> </ul>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.7-5 – Future waterside improvements to the east and west breakwaters (Planning Areas 8, 11, and 12) shall be reconstructed within the seaward footprint of the existing structures except as necessary to provide for public safety or public access. Construction activities taking place below the mean higher high water (MHHW) mark shall prepare a focused marine biological survey to determine if sensitive species are present.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Coastal Development Permits</p>

# Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.7-6 – The County of Orange Dana Point Harbor Department shall require that standard BMPs be utilized in order to ensure impacts to water quality or the marine environment are minimized. Standard BMPs include:</p> <ul style="list-style-type: none"> <li>▪ Erosion to be controlled by landscaping (leave existing vegetation in place where possible), paving and drainage structures;</li> <li>▪ Berms (sand bags) around all construction sites to catch run-off;</li> <li>▪ Roads of gravel to minimize dirt being tracked into and out of the Project site.</li> <li>▪ During wet weather, harbor basin inlets shall be protected by placing a wire mesh and gravel filter to intercept debris and soil runoff; and</li> <li>▪ Appropriate housekeeping activities to minimize the potential for pollutants from material storage or construction activities.</li> </ul>	<p>Manager, RDMD/Subdivision and Grading  County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-1 – Prior to authorization of demolition permits, a qualified hazardous materials consultant with Phase II and Phase III assessment experience shall review groundwater documents regarding former subsurface releases on the Project site at 24501 Dana Drive and 24705 Dana Drive.</p>	<p>Manager, RDMD/Environmental Planning  County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-2 – The interior of individual on-site structures within the Project area shall be visually inspected prior to demolition or renovation, with particular attention to all industrial uses. If hazardous materials are encountered at any on-site structure, the materials shall be tested and properly disposed of in accordance with State and Federal regulatory requirements. Any stained soils or surfaces underneath the removed materials shall be sampled and tested for contaminants. Based on the results of the analytical testing, the appropriate level of remediation shall be undertaken.</p>	<p>Manager, RDMD/Environmental Planning  Manager, RDMD/Building Permits  County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.8-3 – Hydraulic fluids associated with any hydraulic lifts on-site shall be tested to determine the presence or absence of PCBs. Additional samples shall be collected around the pistons to determine whether a subsurface release of hydraulic fluids has occurred. If found, appropriate remedial measures should be implemented to the satisfaction of the County.</p>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-4 – Any transformers to be relocated during site construction/demolition should be conducted under the purview of the local utility purveyor to identify property handling procedures regarding potential PCBs.</p>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-5 – Any underground storage tanks to be removed/relocated during site construction/demolition should be conducted under the purview of the local regulatory agency to identify property handling procedures. Also, due to the urbanized nature of the Project site, the presence of septic tanks is considered unlikely. However, Building Department Records should be reviewed to indicate any documented septic tanks and/or chemical storage tanks. If present, the tanks should be removed and properly disposed of at an approved landfill facility. Once the tank is removed, a visual inspection of the areas beneath and around the removed tank should be performed. Any stained soils observed underneath the septic tank should be sampled. Results of the sampling (if necessary) will indicate the level of remediation efforts that may be required.</p>	<p>Manager, RDMD/Environmental Planning Manager, RDMD/Building Permits County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-6 – Prior to demolition activities, Building Department Records shall be reviewed to verify the presence of septic tanks and/or chemical storage tanks on-site. If present, the tanks shall be removed and properly disposed of at an approved landfill facility. Once removed, exposed soils shall be visually observed to confirm the presence/absence of staining. In the event stained soils are observed, soils shall be tested to identify appropriate remedial activities.</p>	<p>Manager, RDMD/Environmental Planning Manager, RDMD/Building Permits County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.8-7 – Prior to the issuance of building permits for any tank or pipeline, the uses of said tank or pipeline shall be identified and the applicant shall submit a Chemical Management Plan in addition to a WQMP with all appropriate measures for chemical management (including, but not limited to, storage, emergency response, employee training, spill contingencies and disposal) in a manner meeting the satisfaction of the Manager, Building Permit Services, in consultation with the Resources and Development Management Department, the Orange County Fire Authority, the Orange County Health Care Agency and wastewater agencies, as appropriate, to ensure implementation of each agency's respective requirements. A copy of the approved "Chemical Management Plans" shall be furnished to the Manager, RDMD/Inspection Services, prior to the issuance of any Certificates of Use and Occupancy.</p>	<p>Manager, RDMD/Environmental Planning Manager, RDMD/Building Permits County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-8 – All stained concrete/asphalt should be removed and disposed of to an appropriate permitted facility. Once removed, exposed soils should be visually observed to confirm the presence/absence of staining (an indication of contamination migration into the subsurface). If observed, stained soils should be tested to identify appropriate remedial activities (if necessary).</p>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-9 – If unknown wastes or suspect materials are discovered during construction that the contractor believes may be or contain hazardous waste or materials, the contractor shall:</p> <ul style="list-style-type: none"> <li>▪ Immediately stop work in the vicinity of the suspected contaminant, and remove workers and the public from the area;</li> <li>▪ Notify the Project Engineer of the implementing agency;</li> <li>▪ Secure the area as directed by the Project Engineer; and</li> <li>▪ Notify the implementing agency's hazardous</li> </ul>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>waste/materials coordinator.</p> <p>MM 4.8-10 – The County of Orange Dana Point Harbor Department or its designee shall store, manifest, transport, and dispose of all on-site generated waste that meets hazardous waste criteria in accordance with California Code of Regulations Title 22 and in a manner to the satisfaction of the Manager, HCA/Hazardous Materials Program. The County shall keep storage, transportation, and disposal records on site and open for inspection to any government agency upon request.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Ongoing Operations</p>
<p>MM 4.8-11 – During the design phase of the BMPs, the following methods shall be investigated to reduce odors and vectors: installing bypass litterbags with a fine mesh system and weights sewn on to prevent any gaps, drilling weep holes and a flap gate in the pipe upstream, or other currently proven technology.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Coastal Development Permit, Grading and Building Permits</p>
<p>MM 4.8-12 – The National Emissions Standards for Hazardous Air Pollutants (NESHAP) mandates that building owners conduct an asbestos survey to determine the presence of asbestos containing materials (ACMs) prior to the commencement of any remedial work, including demolition. Prior to demolition work, it is recommended that areas be sampled as part of an asbestos survey. Any demolition of the existing buildings must comply with State law, which requires a contractor, where there is asbestos-related work involving 100 square feet or more of ACMs, to be certified and that certain procedures regarding the removal of asbestos to be followed.</p>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-13 – Prior to demolition activities, an asbestos survey shall be required to determine the presence or absence of asbestos. The results of the survey shall be submitted to the Manager, RDMD/Environmental Planning.</p>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-14 – Asbestos removal shall be performed by a State-certified asbestos containment contractor in accordance with SCAQMD Rule 1403 and monitored by the County of Orange RDMD. Rule 1403 regulations require the</p>	<p>Manager, RDMD/Environmental Planning County of Orange - Dana Point</p>	<p>Grading and Building Permits</p>

# Exhibit B

Measure	Responsible Party	Time of Verification
<p>following measures:</p> <ul style="list-style-type: none"> <li>▪ A survey of the facility shall be conducted prior to issuance of a permit by SCAQMD;</li> <li>▪ SCAQMD shall be notified prior to construction activity;</li> <li>▪ ACMs shall be removed in accordance with prescribed procedures;</li> <li>▪ ACMs shall be placed in leaktight containers or wrapping; and</li> <li>▪ ACMs shall be properly disposed of.</li> </ul>	<p>Harbor Department</p>	
<p>MM 4.8-15 – If during demolition of the structures, paint is separated from the building material (e.g., chemically or physically), the paint waste should be evaluated independently from the building material to determine its proper management. According to the Department of Toxic Substances Control, if paint is not removed from the building material during demolition (and is not chipping or peeling), the material could be disposed of as construction debris (a non-hazardous waste). It is recommended that the landfill operator be contacted in advance to determine any specific requirements they may have regarding the disposal of lead-based paint materials.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-16 – Lead-based paint removal shall be performed in accordance with California Code of Regulation Title 8, Section 1532.1, which provides for exposure limits, exposure monitoring, and respiratory protection, and mandates good working practices by workers exposed to lead.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-17 – Contractors performing lead-based paint removal shall provide evidence of certified training for lead-related construction work.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

Exhibit B

Measure	Responsible Party	Time of Verification
<p>MM 4.8-18 – All finishing products used on site shall meet applicable SCAQMD regulations for solvent content, as required by SCAQMD Rules 1102 and 1171.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.8-19 – All uses of solvents shall be conducted in adherence to California OSHA regulations for exposure of workers during construction activities as required by CCR Title 8.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.9-1 – Residences within 1,000 feet of a construction area shall be notified of the construction schedule in writing, prior to construction. The contractor shall designate a noise disturbance coordinator who would be responsible for responding to complaints regarding construction noise. The coordinator shall determine the cause of the complaint and ensure that reasonable measures are implemented to correct the problem. A contact number for the noise disturbance coordinator shall be conspicuously placed on construction site fences and written into the construction notification schedule sent to nearby residences.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>
<p>MM 4.9-2 – For projects within 1,000 feet of sensitive receptors, impact equipment (e.g., jack hammers, pavement breakers, and rock drills) used for construction shall be hydraulically or electrical powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatically powered tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used.</p>	<p>County of Orange - Dana Point Harbor Department</p>	<p>Grading and Building Permits</p>

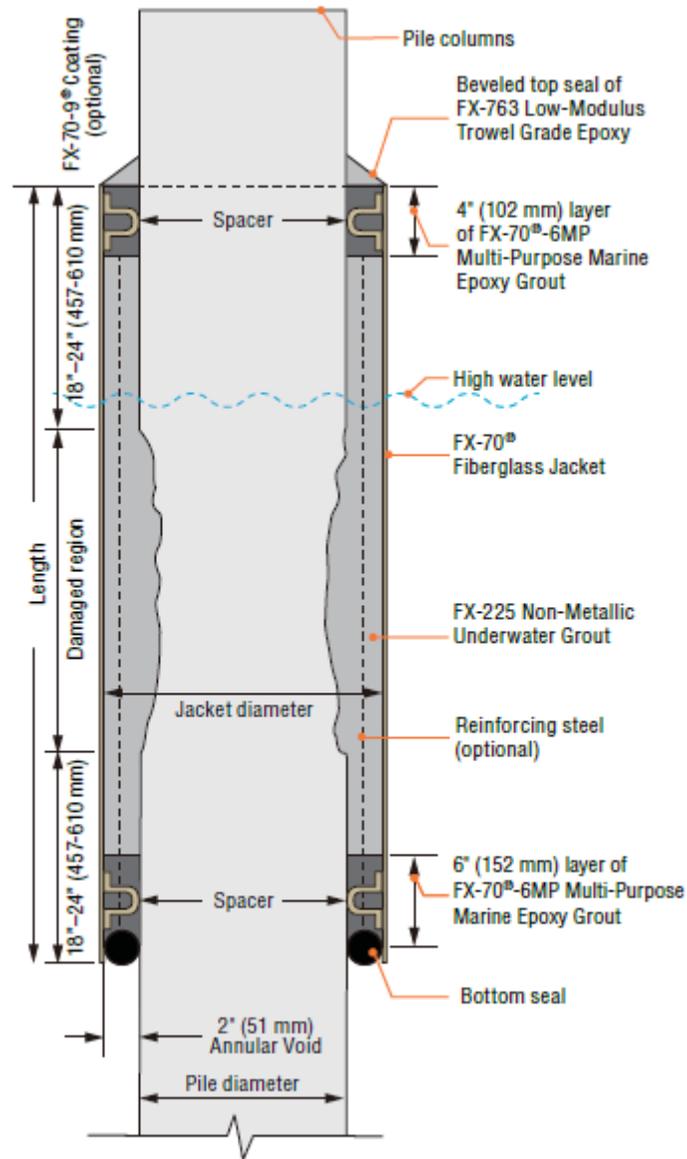


Figure 3 – Section of Simpson Strong Tie Jacket in Place  
(Source: Simpson Strong-Tie, Material Specs)