

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

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<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: Kingston Village Dock Replacement Project  
Certification Number R9-2016-0194  
WDID: 9 000003099**

Reg. Meas. ID: 409142 Place ID: 828146 Party ID: 385061 Person ID: 554921
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**APPLICANT: Coronado Cays Homeowners Association  
505 Grand Caribe Causeway  
Coronado, CA 92118**

**ACTION:**

<input checked="" type="checkbox"/> Order for Low Impact Certification	<input type="checkbox"/> Order for Denial of Certification
<input 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 August 31, 2016 was submitted by Coronado Cays Homeowners Association (hereinafter Applicant), for Water Quality Certification pursuant to section 401 of the Clean Water Act (33 U.S.C. § 1341) for the proposed Power Line Replacement Project – TL629 (Project). The Applicant has also applied for authorization under Rivers and Harbors Act section 10 and Clean Water Act section 404 Nationwide Permit No. 3 from the United States Army Corps of Engineers for the Project (USACE File Nos. SPL-2016-00753-MBT).

The Project is located within the City of Coronado, San Diego County, California at Kingston Village Dock Facilities along Kingston Court East. The Project center reading is located at latitude 32.62255 and longitude -117.11666.

The Applicant has paid all required fees for this Certification in the amount of \$200.00. On an annual basis, the Applicant must also pay all active discharge fees and post discharge monitoring fees, as appropriate. On September 30, 2016, 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 to remove and replace portions of the existing floating dock facilities totaling 0.036 acre (1,584 square feet), including the following:

- Mainwalk float 4 (78 square feet)<sup>1</sup>
- Mainwalk floats 7 through 9 (234 square feet)<sup>1</sup>
- Mainwalk floats 22 through 25 (312 square feet)<sup>2</sup>
- Finger F5 (160 square feet)<sup>2</sup>
- Finger F6 (140 square feet)<sup>2</sup>
- Finger F9 (140 square feet)<sup>2</sup>
- Finger F24 (140 square feet)<sup>2</sup>
- Finger F29 (140 square feet)<sup>1</sup>
- Finger F35 (120 square feet)<sup>1</sup>
- Finger F36 (120 square feet)<sup>1</sup>

The new dock pieces will be placed in the water on the south side of Grand Caribe Causeway using a land-based crane and then floated to the Project locations using a motorized vessel. The dock will be disassembled and re-assembled using nuts and bolts in pre-drilled holes. The replacement dock portions will be the same dimensions and installed in the same location as the existing dock; therefore, there will be no change in the overwater shade coverage. The old dock pieces will be floated to the south side of Grand Caribe Causeway, lifted out of the water by crane, and placed onto a truck for transport off-site. Removed structures will be recycled or disposed of at an upland waste disposal facility. Only hand tools and small power tools will be used to disassemble and reassemble the dock structures. Project construction is expected to take approximately three weeks to complete.

Additional Project details are provided in Attachments 2 of this Certification.

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<sup>1</sup> The dock placements facility replacements located along Kingston Court West and South, including the mainwalk floats 4 and 7-9 and Fingers F29, F35, and F36, are within the jurisdiction of the City of Coronado for purposes of CEQA review.

<sup>2</sup> The dock placements facility replacements located along Kingston Court East and South, including the mainwalk floats 22-25 and Fingers F5, F6, F9, and F24, are within the jurisdiction of the City of Coronado for purposes of CEQA review.

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### Attachments:

1. Definitions
2. Project Figures and Plans

The San Diego Water Board has independently reviewed the record of the Project to analyze the extent and nature of proposed Project impacts to the water quality and beneficial uses of waters of the United States and/or State and associated compensatory mitigation required to offset impacts attributed to the Project. In accordance with this Certification, the Applicant may proceed with the Project under the following terms and conditions:

## 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. R9-2016-0194 (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/gowdr401regulated\\_projects.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/gowdr401regulated_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 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.). The Basin Plan is accessible on-line at:
- [http://www.waterboards.ca.gov/sandiego/water\\_issues/programs/basin\\_plan/index.shtml](http://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/index.shtml)  
!
- F. **Beneficial Use Protection.** The Applicant must take all necessary measures to protect the beneficial uses of waters of San Diego Bay. This Certification requires compliance with all applicable requirements of the Basin Plan. If at any time, an unauthorized discharge to surface waters (including rivers or streams) occurs or monitoring indicates that the Project is violating, or threatens to violate, water quality objectives, the associated Project activities shall cease immediately and the San Diego Water Board shall be notified in accordance with Notification Requirement VI.A of this Certification. Associated Project activities may not resume without approval from the San Diego Water Board.
- G. **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
- H. **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.
- I. **Inspection and Entry.** The Applicant must allow the San Diego Water Board or the State Water Resources Control 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.
- J. **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.
- K. **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 San Diego Bay;
  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.

- L. **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.
- M. **Property Rights.** This Certification does not convey any property rights of any sort, or any exclusive privilege.
- N. **Petitions.** 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. 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. PROJECT IMPACTS AND COMPENSATORY MITIGATION

- A. **Project Impacts Avoidance.** The Project must avoid and minimize adverse impacts to waters of the United States and/or State to the maximum extent practicable. In-water work must not cause a discharge of waste to San Diego Bay.
- B. **Eelgrass Impacts and Mitigation.** A pre-construction eelgrass survey must be completed in accordance with the requirements of the California Eelgrass Mitigation Policy (CEMP; National Marine Fisheries Service 2014) by a qualified biologist, prior to initiation of construction activities at the site. This survey must include both aerial and density characterization of the beds. If eelgrass is found 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. Impacts to eelgrass, if any, must be mitigated through conformance with the CEMP, which defines the mitigation ratio and other requirements to achieve mitigation for significant eelgrass impacts. If required following the post-construction survey, the CEMP defined mitigation must be developed; submitted and 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.

### IV. MONITORING AND REPORTING REQUIREMENTS

- A. **Annual Project Progress Reports.** The Applicant must submit annual Project progress reports describing compliance with all requirements of this Certification to the San Diego Water Board prior to **March 1** of each year following the issuance of this Certification, until the Project has reached completion. Annual Project Progress Reports must be submitted even if Project construction has not begun. The monitoring period for each Annual Project Progress Report shall be January 1<sup>st</sup> through December 31<sup>st</sup> of each year. Annual Project Progress Reports must include, at a minimum, the following:

1. The names, qualifications, and affiliations of the persons contributing to the report;
2. The status, progress, and anticipated schedule for completion of Project construction activities;
3. A description of Project construction delays encountered or anticipated that may affect the schedule for construction completion; and
4. A description of each incident of noncompliance during the annual monitoring period and its cause, the period of the noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

**B. 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.”

**C. 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.

**D. 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. R9-2016-0194:828146:lhonma  
2375 Northside Drive, Suite 100  
San Diego, California 92108

Each electronic document must be submitted as a single file, in Portable Document Format (PDF), 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. R9-2016-0194:828146:lhonma.



**E. 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.

**F. 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."*

## **V. 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. *Caulerpa Taxifolia*.** The Applicant must conduct a surveillance-level survey for *Caulerpa taxifolia*, in accordance with the requirements in the National Marine Fisheries Service's *Caulerpa* Control Protocol (version 4), dated February 25, 2008, not more than 90 days before the initiation of construction to determine presence/absence of this species within the immediate vicinity of the project. If *Caulerpa taxifolia* is identified during a survey, or at any other time before, during, or within 120 days following completion of authorized activities, both National Marine Fisheries Service and California Department of Fish and Wildlife must be contacted within 24 hours of first noting the occurrence. In the event *Caulerpa taxifolia* is detected, all disturbing activity must cease until such time as the infestation has been isolated and treated, or the risk of spread from the disturbing activity is eliminated in accordance with the *Caulerpa* Control Protocol.
- C. 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.
- 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.
- E. 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.

## **VI. CALIFORNIA ENVIRONMENTAL QUALITY ACT COMPLIANCE**

- A. The San Diego Unified Port District (Port) 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 for portions of the Project that are located exclusively within the Port's jurisdiction. The Project areas within the Port's jurisdiction includes mainwalk floats 22 through 25 and Fingers F5, F6, F9, and F24. The Port has determined that the Project is categorically exempt.<sup>3</sup>
- B. The City of Coronado 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 for the portions of the Project that are located exclusively within the City of Coronado's jurisdiction. The Project areas within the City of Coronado's jurisdiction includes mainwalk floats 4 and 7 through 9 and Fingers F29, F35, and F36. The City of Coronado has determined that the Project is categorically exempt.<sup>4</sup>
- C. 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 independently determined that the Project is categorically exempt because the project replaces existing structures located on the same site and the replacement structures will have substantially the same purpose and capacity as the structures being replaced.<sup>5</sup>
- D. As a Responsible Agency under CEQA, the San Diego Water Board will file a Notice of Exemption in accordance with CEQA Guidelines section 15062.

## **VII. SAN DIEGO WATER BOARD CONTACT PERSON**

Lisa Honma, Environmental Scientist  
California Regional Water Quality Control Board, San Diego Region  
2375 Northside Drive, Suite 100  
San Diego, California 92108  
Telephone: 619-521-3367  
Email: [Lisa.Honma@waterboards.ca.gov](mailto:Lisa.Honma@waterboards.ca.gov)

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<sup>3</sup> 14 CCR section 15302

<sup>4</sup> 14 CCR section 15302

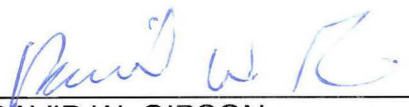
<sup>5</sup> 14 CCR section 15302

### VIII. WATER QUALITY CERTIFICATION

I hereby certify that the proposed discharge from the **Kingston Village Dock Replacement Project** (Certification No. R9-2016-0194) 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.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited to, and all proposed mitigation being completed in strict compliance with, the applicants' Project description and/or the description in this Certification, and (b) compliance with all applicable requirements of the Basin Plan.

I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Certification No. R9-2016-0194 issued on April 28, 2017.

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

28 April 2017  
Date

# ATTACHMENT 1

## DEFINITIONS

**Activity** - when used in reference to a permit means any action, undertaking, or project including, but not limited to, construction, operation, maintenance, repair, modification, and restoration which may result in any discharge to waters of the state.

**Buffer** - means an upland, wetland, and/or riparian area that protects and/or enhances aquatic resource functions associated with wetlands, rivers, streams, lakes, marine, and estuarine systems from disturbances associated with adjacent land uses.

**California Rapid Assessment Method (CRAM)** - is a wetland assessment method intended to provide a rapid, scientifically-defensible and repeatable assessment methodology to monitor status and trends in the conditions of wetlands for applications throughout the state. It can also be used to assess the performance of compensatory mitigation projects and restoration projects. CRAM provides an assessment of overall ecological condition in terms of four attributes: landscape context and buffer, hydrology, physical structure and biotic structure. CRAM also includes an assessment of key stressors that may be affecting wetland condition and a "field to PC" data management tool (eCRAM) to ensure consistency and quality of data produced with the method.

**Compensatory Mitigation Project** - means compensatory mitigation implemented by the Applicant as a requirement of this Certification (i.e., applicant -responsible mitigation), or by a mitigation bank or an in-lieu fee program.

**Discharge of dredged material** – means any addition of dredged material into, including redeposit of dredged material other than incidental fallback within, the waters of the United States and/or State.

**Discharge of fill material** – means the addition of fill material into waters of the United States and/or State.

**Dredged material** – means material that is excavated or dredged from waters of the United States and/or State.

**Ecological Success Performance Standards** – means observable or measurable physical (including hydrological), chemical, and/or biological attributes that are used to determine if a compensatory mitigation project meets its objectives.

**Enhancement** – means the manipulation of the physical, chemical, or biological characteristics of an aquatic resource to improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

**Establishment** – means the manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist. Creation results in a gain in aquatic resource area.

**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.

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

The following Permit Drawing Set sheet numbers:

- T1 – Title Sheet
- 1.1 – Overall Layout
- 2 – Dock Assembly; Mainwalks 4 & 7-9
- 3 – Dock Assembly; Mainwalks 22-25
- 4 – Finger Assembly F5
- 5 – Finger Assembly F6
- 6 – Finger Assembly F9
- 7 – Finger Assembly F24
- 8 – Finger Assembly F29
- 9 – Finger Assembly F35
- 10 – Finger Assembly F36
- 11 through 16 – Assembly Details

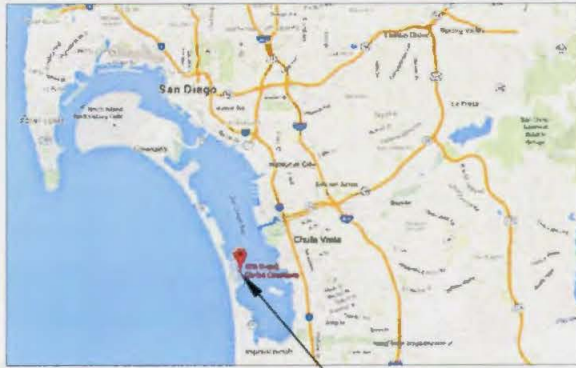
# KINGSTON VILLAGE DOCK REPLACEMENT

JOB # 15-3-865

Coronado, CA

Permit Drawing Set

VICINITY MAP



PROJECT LOCATION

## UNIFLOAT®

Precision Engineered Flotation Systems

**WARNING:**  
BELLINGHAM MARINE INDUSTRIES HAS BEEN NOTIFIED BY ITS WOOD PRESERVERS, THAT THE CHEMICALS USED IN THE WOOD TREATMENT PROCESS ARE KNOWN TO CAUSE CANCER.

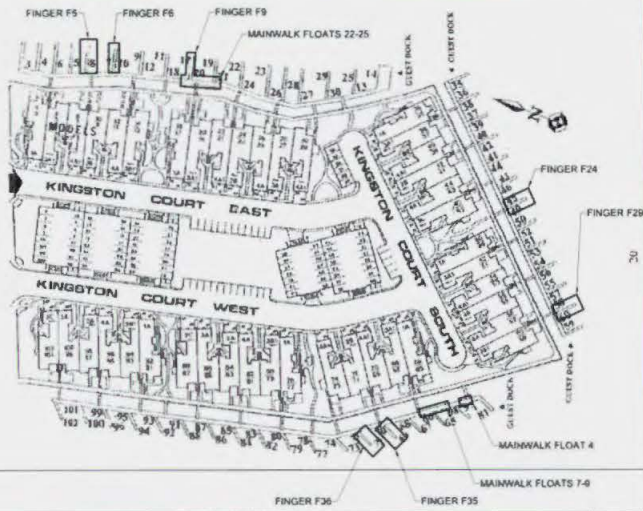
**CAUTION:**  
FLOAT SYSTEMS ARE UNSTABLE WHEN PLACED IN WATER PRIOR TO ASSEMBLY IN THEIR FINAL INTENDED CONFIGURATION. MODULES OR SUBASSEMBLIES SHOULD BE HANDLED WITH CARE DURING INSTALLATION AND SHOULD NEVER BE STOOD OR WALKED UPON PRIOR TO FINISHED ASSEMBLY.

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ABBREVIATIONS

&	and	%	Percent
@	at	±	Plus or Minus
A.C.O.E.	Army Corps of Engineers	PL	Plate
ALUM.	Aluminum	PCF	Pounds per Cubic Foot
A.S.	Anti-Skid	P.O.C.	Point of Connection
x	by	PSI	Pounds per Square Inch
CB	Carriage Bolt	P.T.	Pressure Treated
CL	Center Line	PVC	Polyvinyl Chloride
C-C	Center to Center	PL	Plate
C.F.	Cubic Foot/Feet	PW	Plate Washer
C.I.P.	Cast in Place	QTY.	Quantity
CLR.	Clear	REINF.	Reinforced, reinforcement
CW	Cleat Washer	REQ'D	Required
CONC.	Concrete	SQ	Square
CONT.	Continuous	SQW	Square Washer
C.Y.	Cubic Yard	S.F.	Square Foot
°	Degrees	SIM.	Similar
D.F.	Douglas Fir	SHT.	Sheet
DWG	DWG	S.S.	Stainless Steel
D.L.	Dead Load	T.O.C.	Top of Concrete
DET.	Detail	T.O.S.	Top of Slope
Ø or DIA.	Diameter	T.S.	Tube Steel
ELEV. or EL.	Elevation	TYP.	Typical
EXIST. or (E)	Existing	THK.	Thick
EA.	Each	U.N.O.	Unless Otherwise Noted
Fab.	Fabrication	UHMW	Ultra High Molecular Weight
F.B.	Flat Bar	VERT.	Vertical
FH	Flat Head	W.W.F.	Welded Wire Fabric
FT.	Foot	W.W.M.	Welded Wire Mesh
FW	Flat Washer	w/	with
GA.	Gage	W.	Wide, Width
GALV.	Galvanized	X.H.W.	Extreme High Water
GLB.	Glue Laminated Beam	X.L.W.	Extreme Low Water
H.D.	Heavy Duty		
H.D.G.	Hot Dip Galvanized		
HDPE	High Density Polyethylene		
HW	Hardware		
HN	Hex Nut		
IN.	Inch(es)		
LBS. or # (after number)	pound(s)		
LAM	Laminated		
LIN	Linear/lineal		
LG	Long		
L.L.	Live Load		
LW	Lock Washer		
MLLW	Mean Lower Low Water		
MAX.	Maximum		
MB	Machine Bolt		
MDPE	Medium Density Polyethylene		
MFR	Manufacturer		
MM	Millimeter		
MIN.	Minimum		
N.I.C.	Not In Contract		
NO. or # (before number)	Number/		
(N)	New		
NTS	Not To Scale		
O.A.	Overall		
O.C.	On Center		
OPP.	Opposite		

SITE PLAN



**Project Address:**  
505 Grand Caribe Causeway,  
Coronado, CA 92118

**Marine Contractor:**  
Bellingham Marine Industries, Inc.  
8810 Sparing Lane  
Dixon, CA 95620  
ph. 707.878.2385  
fax 707.878.1760

**Owner:**  
Coronado Cays Home Owner's Association  
505 Grand Caribe Causeway  
Coronado, CA 92118  
ph. 619.423.4353  
fax 619.424.2622  
contact: Daniel Bick, Harbor Master

**Structural Engineer (Dock):**  
Bellingham Marine Industries, Inc.  
Attn: Gegam Bumazyan, P.E.  
8810 Sparing Lane  
Dixon, CA 95620  
ph. 707.878.2385  
fax 707.878.1760

**Bellingham MARINE**  
The 3075th Mile Compression Marine Builder

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REVISIONS		Development Services Department	
NO.	DATE	DESCRIPTION	BY

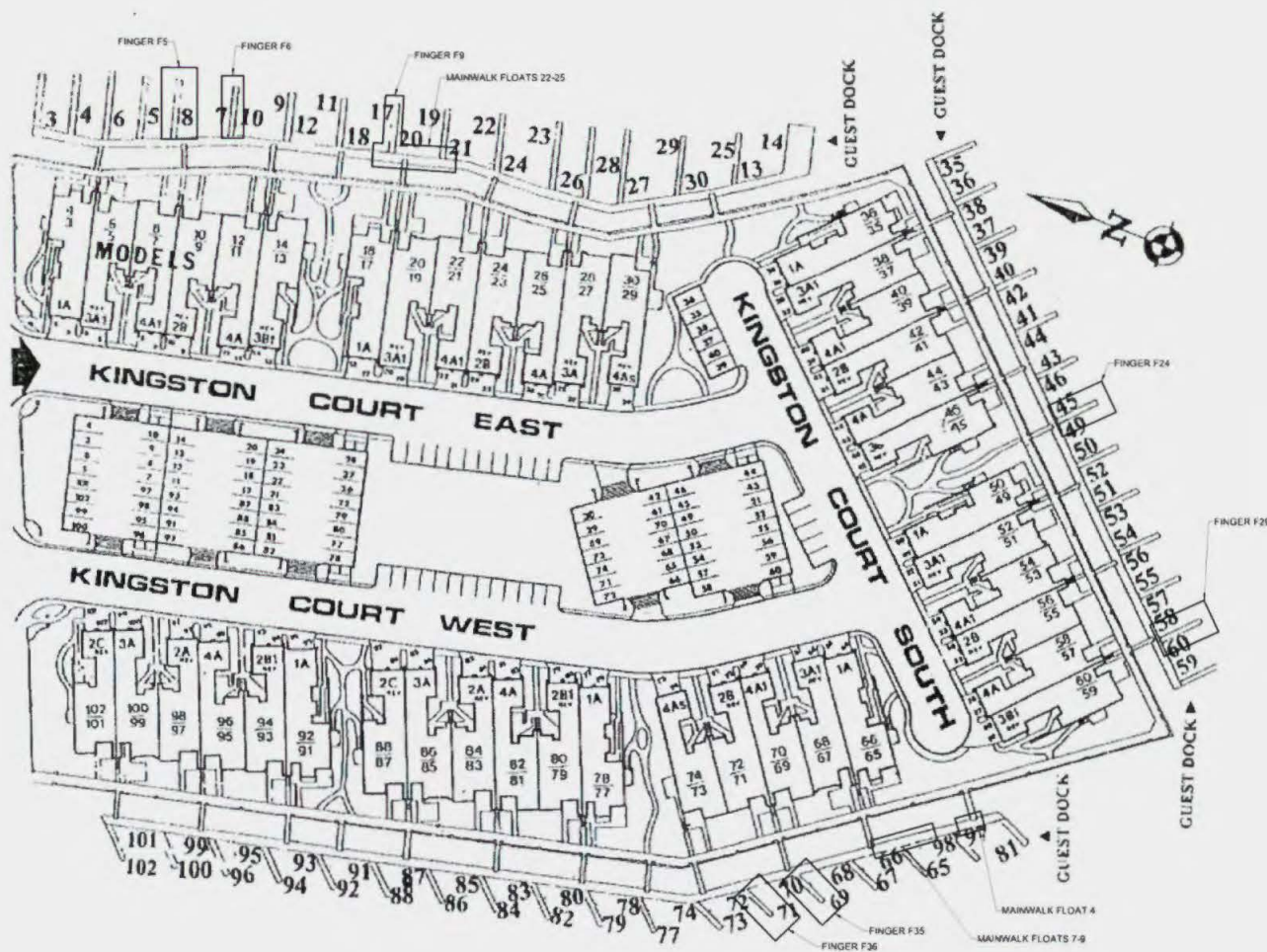
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ACCEPTED BY:	DATE:	SCALE:	DATE:
DESIGNED BY:	DATE:	CHECKED BY:	DATE:
DRAWN BY: <b>CS MARTIN</b>		SHEET NO. <b>0</b> OF <b>20</b>	
DATE: <b>8-17-15</b>		DRAWING: <b>T1</b>	



Waterside BMPs		Applicable BMP Reference *
BMP Number	BMPs	
1	Dip nets shall be employed to capture any released floating debris during all demolition and construction phases. Divers shall recover non-buoyant debris discharged into coastal waters as soon as possible after loss. All recovered debris shall be disposed of properly.	NS-15, WM-05
2	Disturbance to the ocean bottom and intertidal areas shall be minimized.	None**
3	Machinery or construction materials not essential for project improvements are prohibited at all times in the subtidal or intertidal zones.	NS-13
4	Work personnel shall not harass marine mammals, waterfowl, or any other wildlife in project area.	None**
5	If barges and or work vessels are used during construction, measures shall be taken to ensure that eelgrass beds are not impacted through anchoring, grounding, propeller damage, or other activities that may disturb the sea floor.	None**
6	Workers and any sub-contractors shall maintain a clean work site and ensure no debris, rubbish, oil or petroleum products enter into or placed where it may be washed by rainfall or runoff into the water.	NS-13, NS-15, WM-05
7	Spills of construction equipment fluids or other hazardous materials shall be immediately contained on-site and disposed of in environmentally safe manner as soon as possible.	WM-04
8	Construction vehicles operating at the project site shall be inspected daily to ensure there are no leaking fluids. If there are leaking fluids, the construction vehicles shall be serviced immediately. Equipment and machinery shall be serviced, maintained and washed only in confined areas specifically designed to control runoff and prevent discharges into bay or the sea.	NS-08, NS-10
9	All debris and trash generated by construction activities within the project area shall be disposed of as soon as possible or at the end of each day.	WM-05
10	Work shall not occur during any rain event in excess of 0.1 inch.	EC-01
11	Sanitary facilities shall be provided for all work staff. Facilities can be provided via access to common areas by applicant or contractor supplied temporary facilities.	WM-09
12	At the end of the construction period, the permittee shall inspect the project area and ensure that no debris, trash or construction materials have been left on the shore or in the water.	WM-05

\* BMPs referenced from Caltrans Construction Site BMP Fact Sheets available at [www.dot.ca.gov/njs/construc/stormwater/factsheets.htm](http://www.dot.ca.gov/njs/construc/stormwater/factsheets.htm)

\*\* BMP references marked "none" refer to contractor practices typically specified in permits that are not stormwater BMPs but reflect practices to minimize harm to non-water natural resources.



NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham MARINE**  
 3140 West 10th Street  
 Bellingham, WA 98226  
 SouthWest District  
 8610 Spoking Lane  
 Ocean, CA 94020  
 TEL: (707) 878-2385  
 FAX: (707) 878-1780

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**SITE IMPROVEMENT PLAN**

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

PROJECT NUMBER: 15-3-865

ENGINEER / DESIGNER:

PROJECT MANAGER: Ron Shook

CHECKED BY:

**KINGSTON VILLAGE DOCK REPLACEMENT**  
 505 Grande Caribe Causeway  
 Coronado, CA 92118

**OVERALL LAYOUT**

SCALE: N.T.S. (Sheet Size 24" x 36")

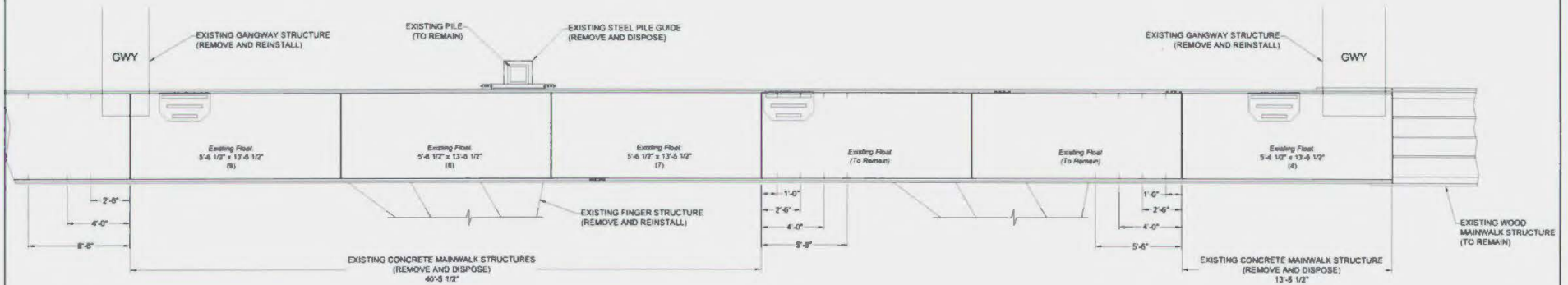
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DATE: 8-27-18

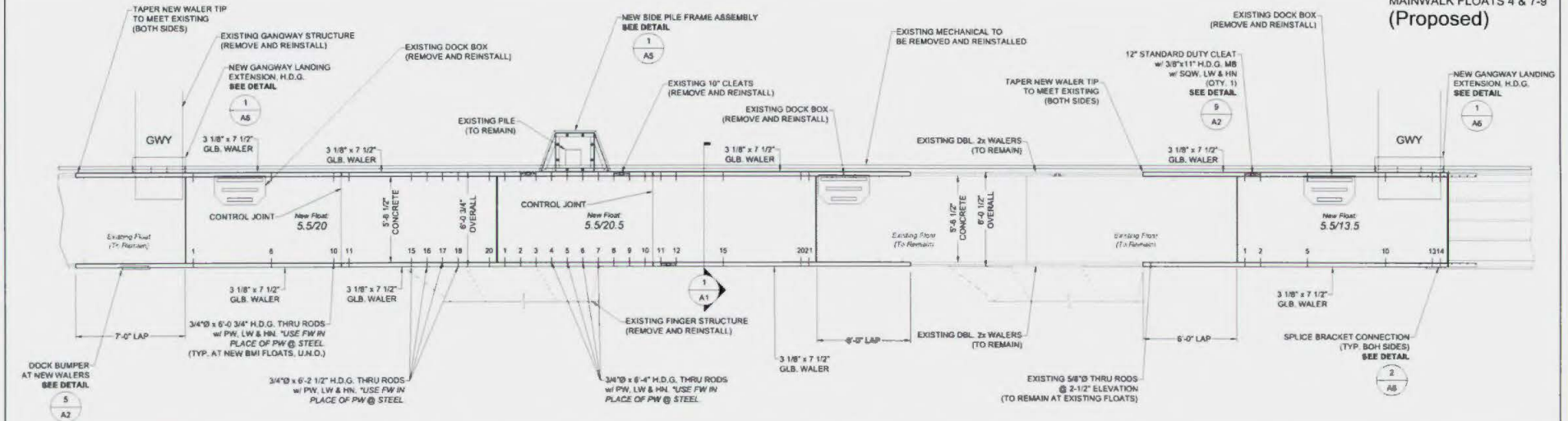
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DRAWING: OL1

**MAINWALK FLOATS 4 & 7-9  
(Existing)**



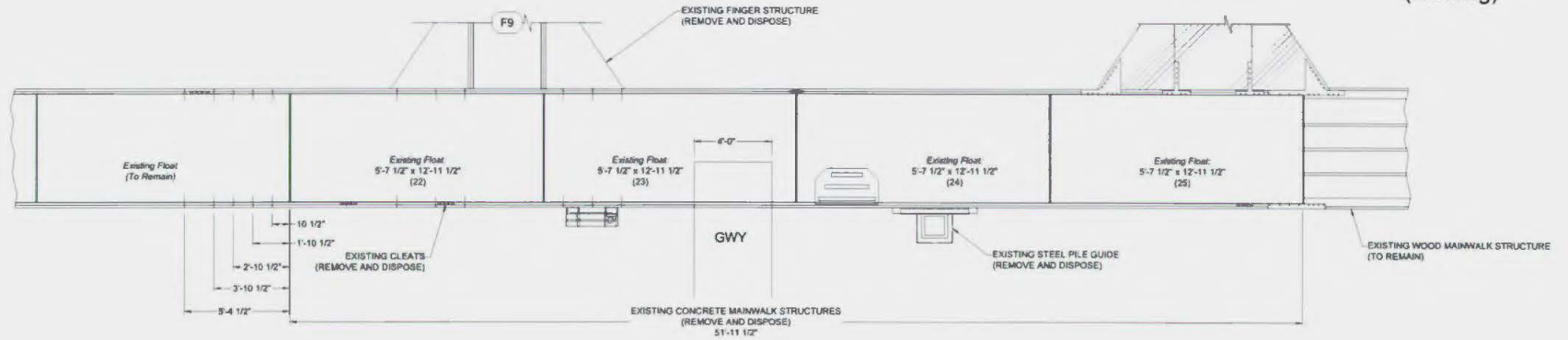
**MAINWALK FLOATS 4 & 7-9  
(Proposed)**



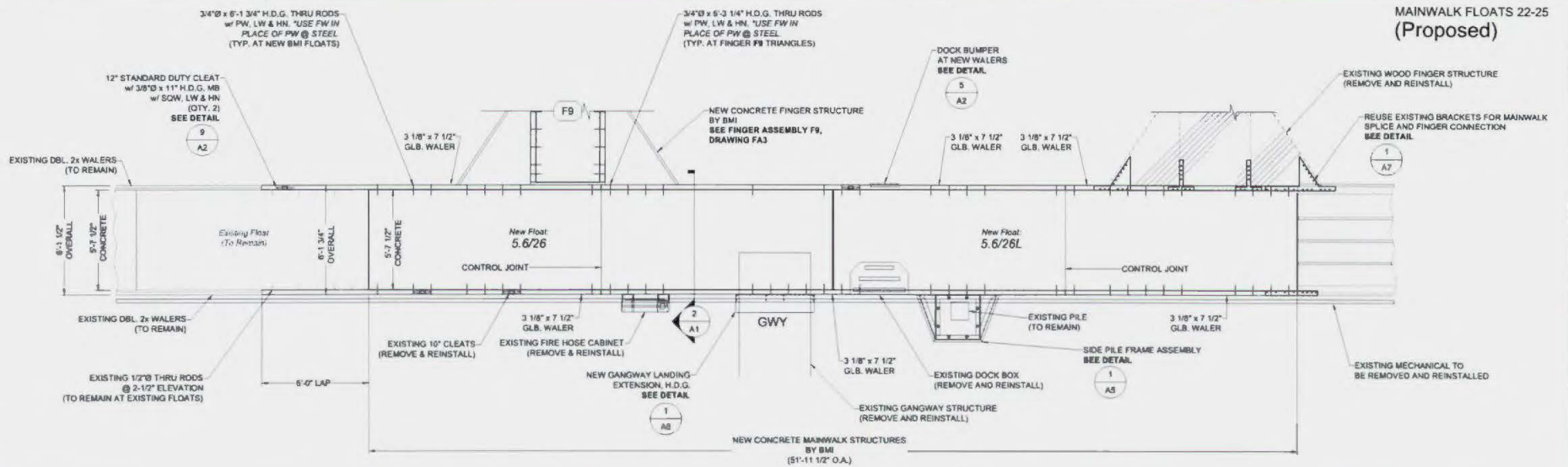
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NO.	DATE	DESCRIPTION	BY
REVISIONS			

MAINWALK FLOATS 22-25  
(Existing)



MAINWALK FLOATS 22-25  
(Proposed)



NO.	DATE	DESCRIPTION	BY
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**Bellingham Marine**  
 8810 Spaulding Lane  
 Dixon, CA 95620  
 TEL: (707) 878-2355  
 FAX: (707) 878-1786

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**SITE IMPROVEMENT PLAN**

ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE

**PROJECT NUMBER:**  
15-3-865

**ENGINEER / DESIGNER:**  
BY BM

**PROJECT MANAGER:**  
Bon Mock

**CHECKED BY:**

**KINGSTON VILLAGE DOCK REPLACEMENT**  
 505 Grande Caribe Causeway  
 Coronado, CA 92118

**DOCK ASSEMBLY: MAINWALKS 22 - 25**

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(Sheet Size 24" x 36")

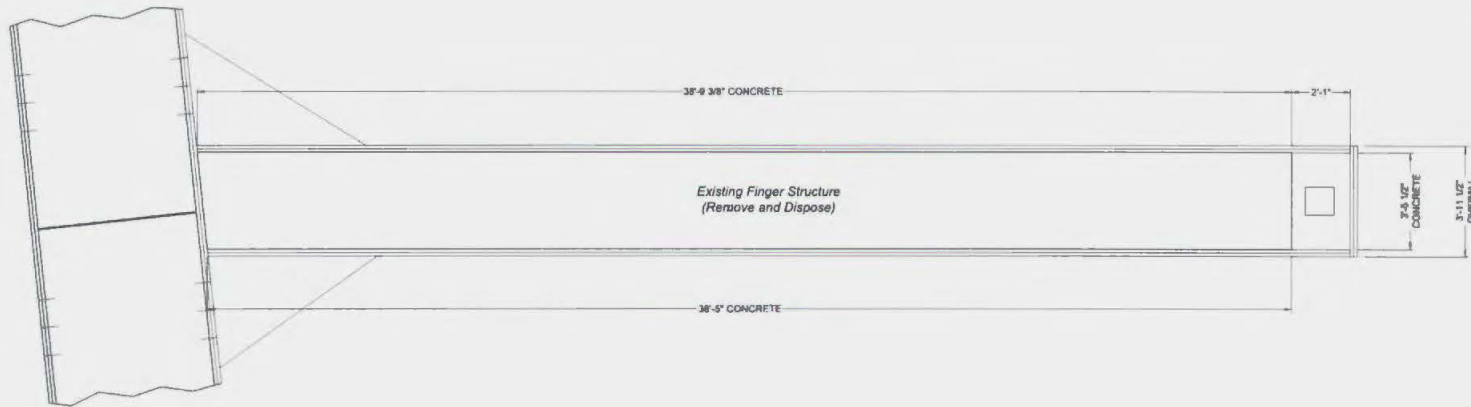
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**DATE:** 4-26-16

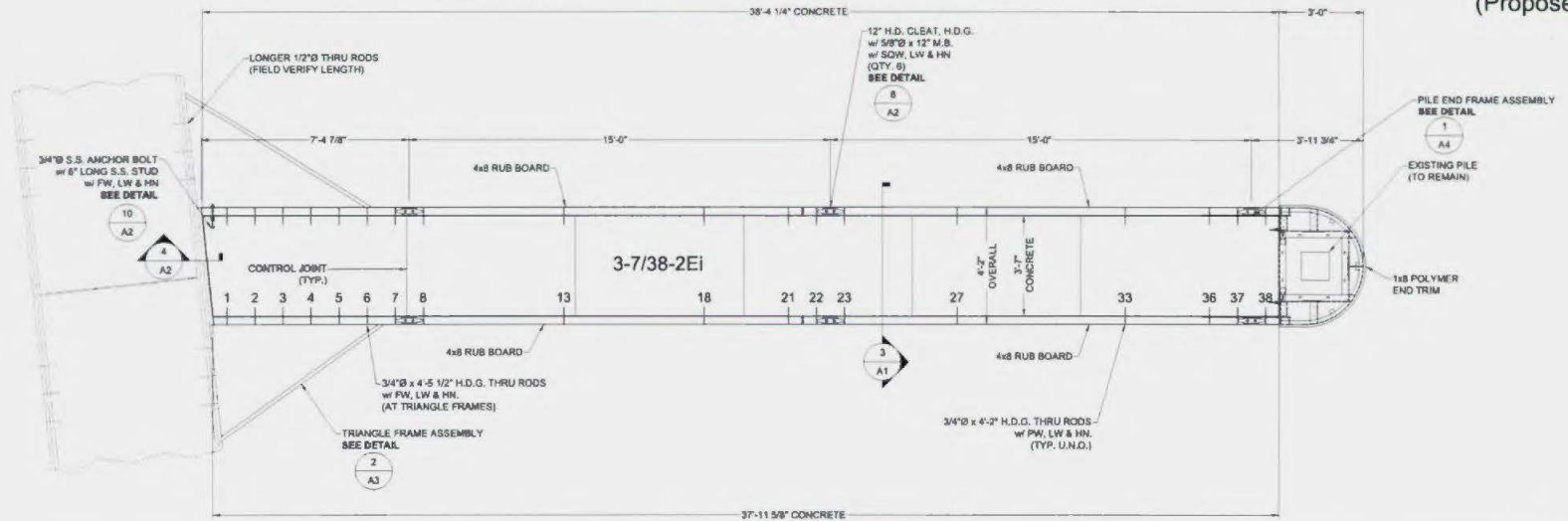
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**DRAWING:** SA2

FINGER ASSEMBLY: F5  
(Existing)



FINGER ASSEMBLY: F5  
(Proposed)



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 Southern Division  
 6819 Spang Lane  
 Dixon, CA 95620  
 TEL: (707) 878-2385  
 FAX: (707) 878-1768

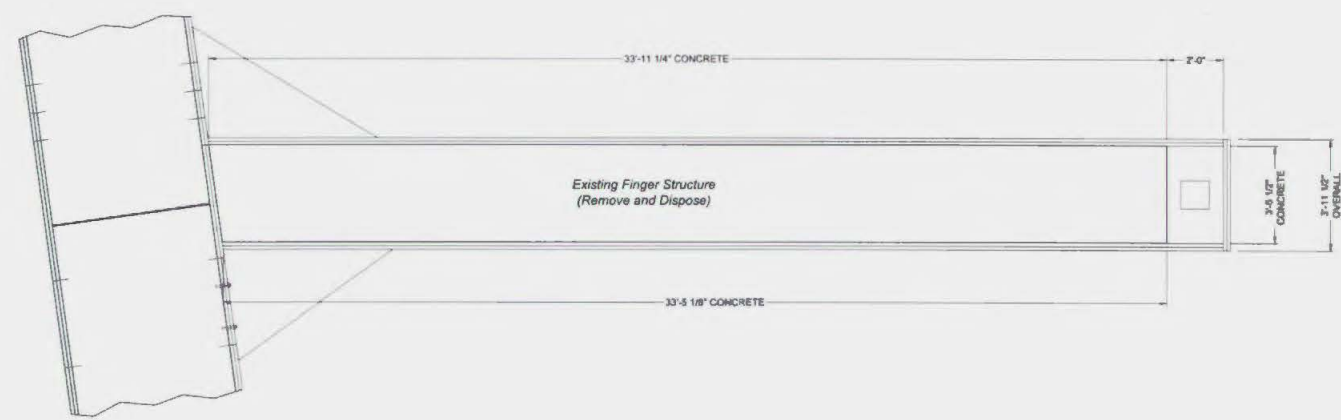
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 ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE  
 ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

PROJECT NUMBER:  
 15-3-865  
 ENGINEER / DESIGNER:  
 PROJECT MANAGER:  
 Ron Mock  
 CHECKED BY:

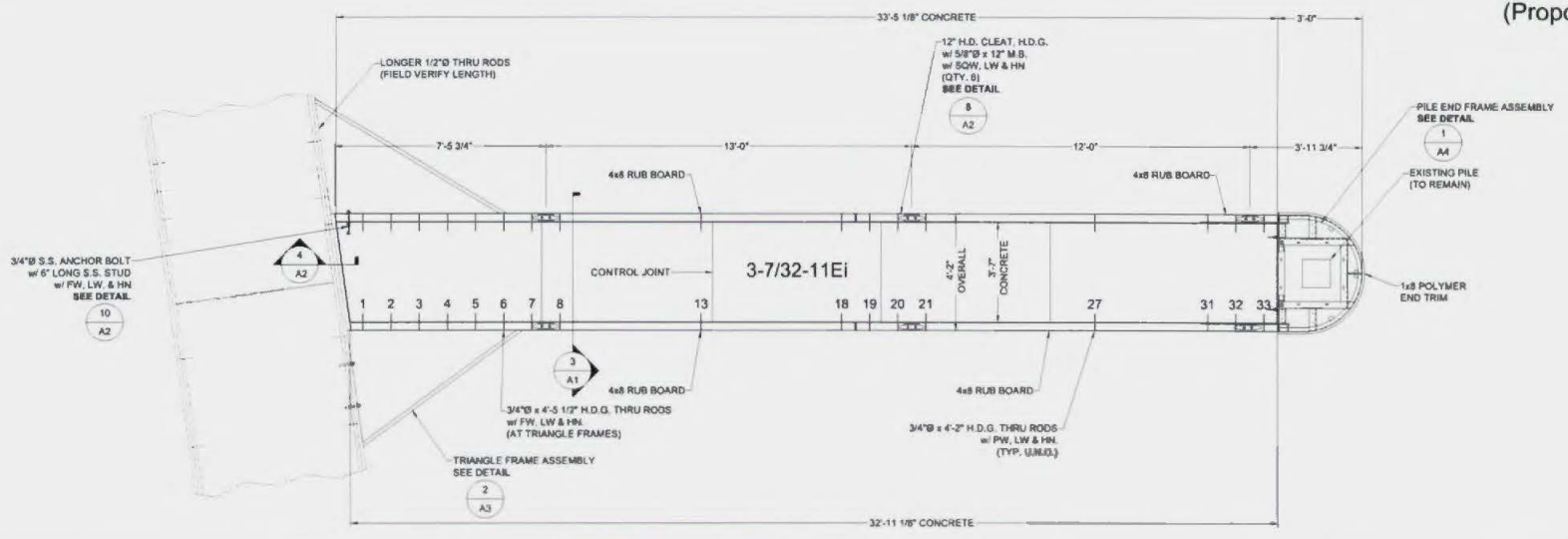
**KINGSTON VILLAGE DOCK REPLACEMENT**  
 505 Grande Caribe Causeway  
 Coronado, CA 92118  
 FINGER ASSEMBLY: F5

SCALE: N.T.S.  
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 DRAWN BY: DM  
 DATE: 2-25-16  
 SHEET NO.: 4  
 DRAWING: FA1

FINGER ASSEMBLY: F6  
(Existing)



FINGER ASSEMBLY: F6  
(Proposed)



NO.	DATE	DESCRIPTION	BY
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**Bellingham Marine**  
 2020 Industrial Blvd  
 Corona, CA 92620  
 TEL: (767) 878-2385  
 FAX: (767) 878-1750

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PROJECT NUMBER:  
15-3-865

ENGINEER / DESIGNER:

PROJECT MANAGER:  
Ron Mock

CHECKED BY:

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 505 Grande Caribe Causeway  
 Coronado, CA 92118

FINGER ASSEMBLY: F6

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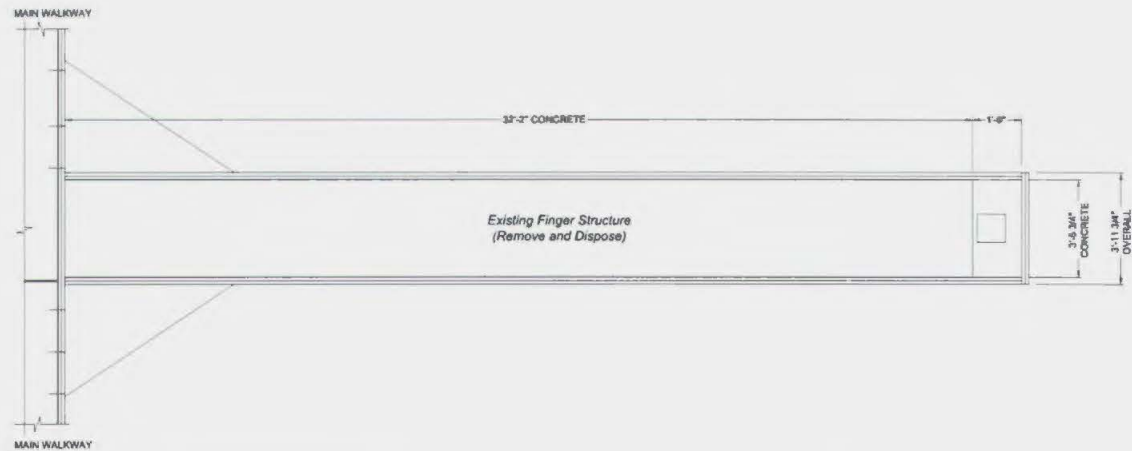
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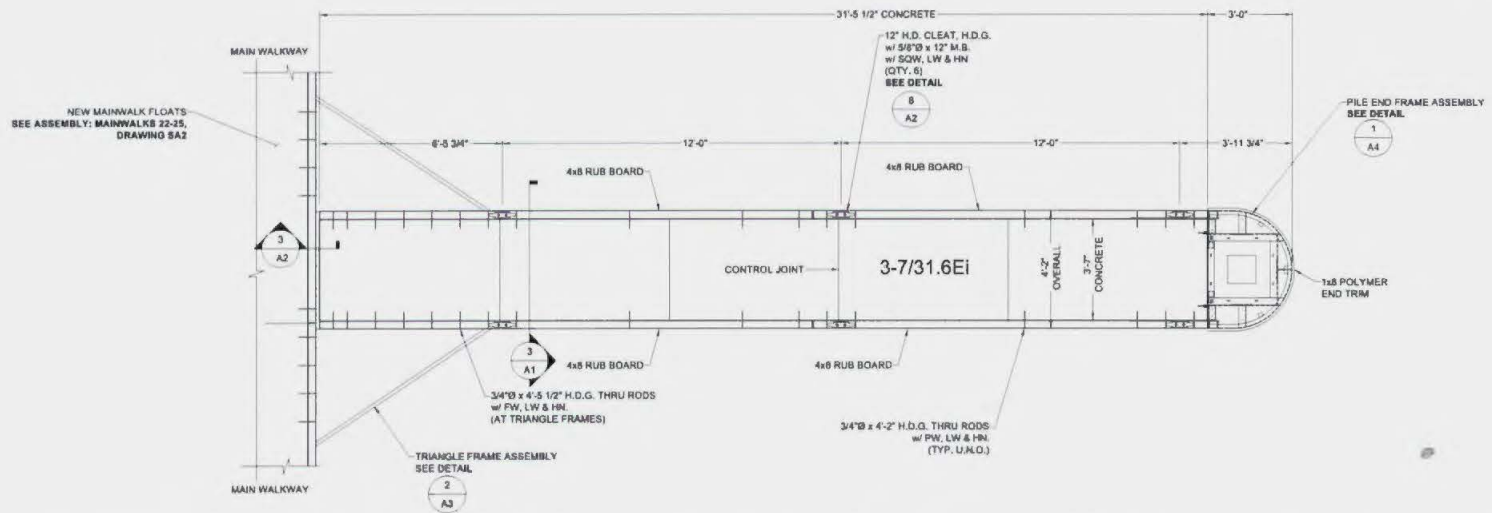
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FINGER ASSEMBLY: F9  
(Existing)

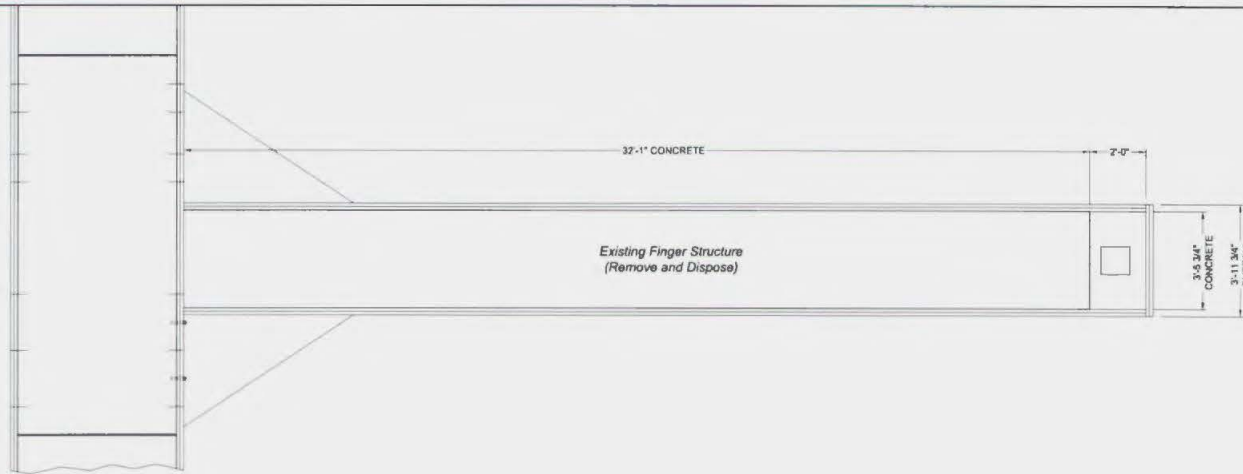


FINGER ASSEMBLY: F9  
(Proposed)

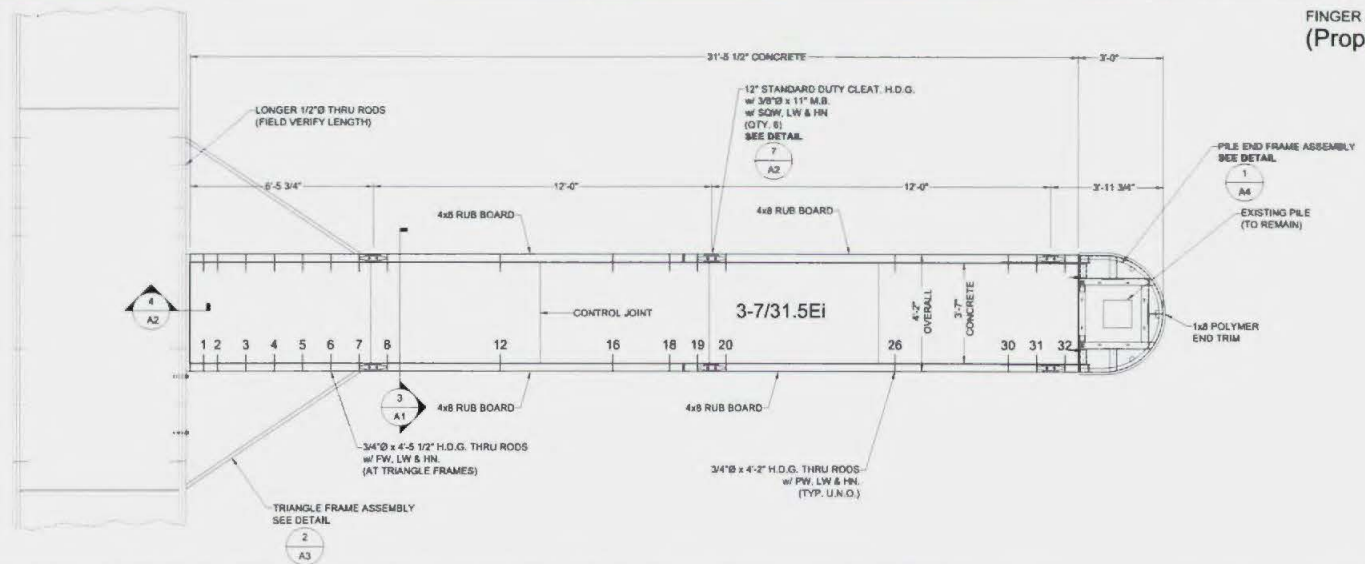


		<b>Bellingham</b> <small>110 W. 1st St. Ste. 107          381 North St. Ste. 107          477 North St. Ste. 107          Southwest Division          8810 Spaulding Lane          Dixon, CA 95630          TEL: (707) 678-2385          FAX: (707) 678-1160</small>	<b>SITE IMPROVEMENT PLAN</b>		PROJECT NUMBER: <b>15-3-865</b>	<b>KINGSTON VILLAGE DOCK REPLACEMENT</b> 505 Grande Caribe Causeway Coronado, CA 92118	SCALE: N.T.S. <small>(Sheet Size 24" x 36")</small>
			ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE	ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE			ENGINEER / DESIGNER: PROJECT MANAGER: Ron Mack
NO. DATE DESCRIPTION BY		REVISIONS		ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE		FINGER ASSEMBLY: F9	SHEET NO.: 8 DRAWING: FA3

FINGER ASSEMBLY: F24  
(Existing)



FINGER ASSEMBLY: F24  
(Proposed)



NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham**  
MARINE INDUSTRIES, INC.  
1810 Spaulding Lane  
Dixon, CA 95820  
TEL: (707) 878-2385  
FAX: (707) 678-1780

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**SITE IMPROVEMENT PLAN**

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ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE

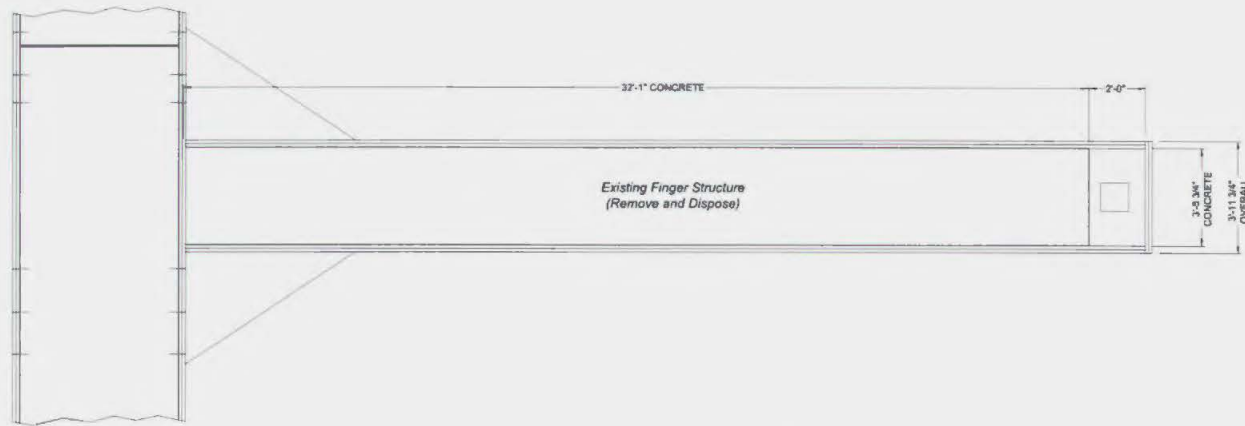
PROJECT NUMBER:	15-3-865
ENGINEER / DESIGNER:	
PROJECT MANAGER:	Ron Mack
CHECKED BY:	

**KINGSTON VILLAGE DOCK REPLACEMENT**  
505 Grande Caribe Causeway  
Coronado, CA 92118

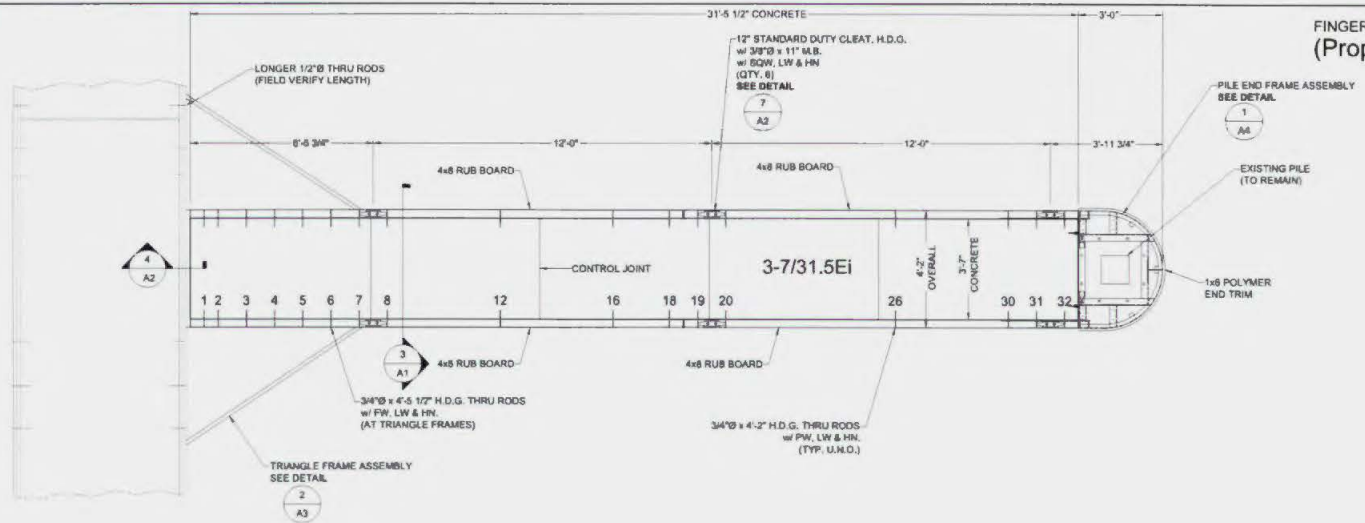
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DATE:	2-25-16
SHEET NO.:	7
DRAWING:	FA4

FINGER ASSEMBLY: F29  
(Existing)



FINGER ASSEMBLY: F29  
(Proposed)



NO.	DATE	DESCRIPTION	BY
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MARINE INDUSTRIES, INC.

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8810 Seaview Lane  
Dixon, CA 95820  
TEL: (707) 816-3365  
FAX: (707) 878-1780

**SITE IMPROVEMENT PLAN**

ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE

PROJECT NUMBER:	15-3-865
ENGINEER / DESIGNER:	
PROJECT MANAGER:	Bon Mack
CHECKED BY:	

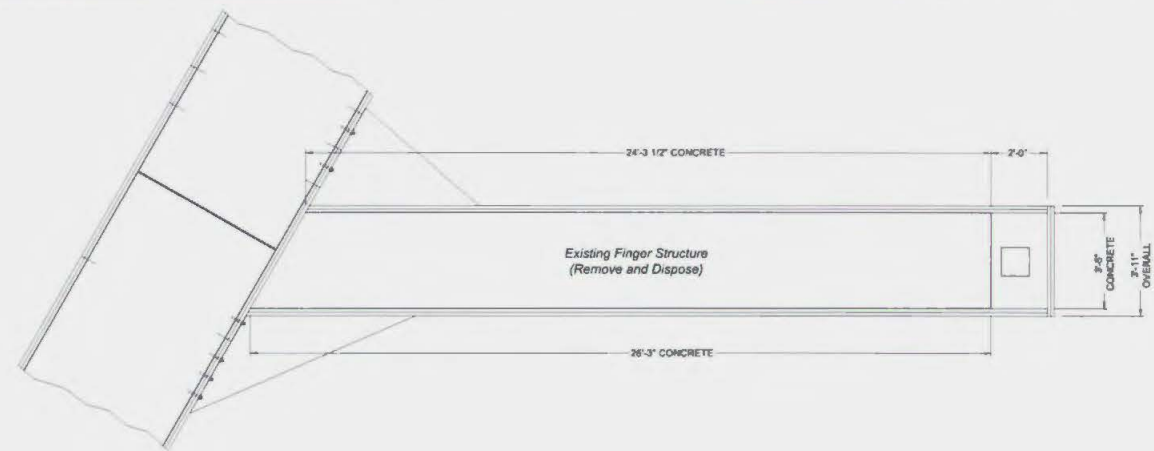
**KINGSTON VILLAGE DOCK REPLACEMENT**  
505 Grande Caribe Causeway  
Coronado, CA 92118

FINGER ASSEMBLY: F29

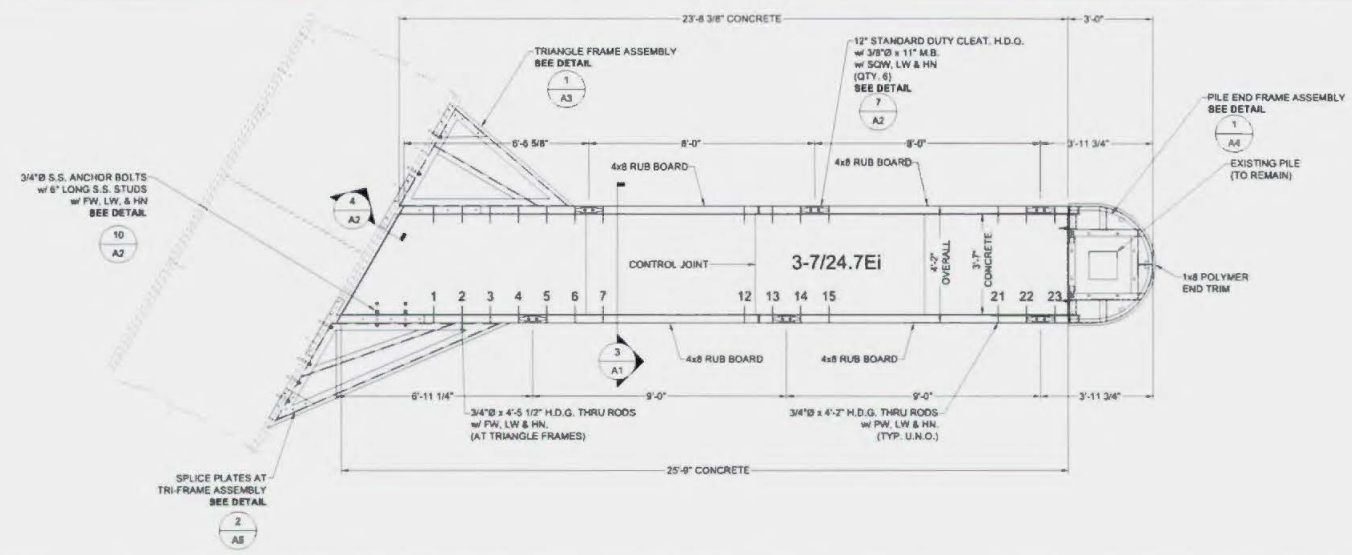
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DATE:	2-25-16
SHEET NO.:	8
DRAWING:	FAS



FINGER ASSEMBLY: F35  
(Existing)



FINGER ASSEMBLY: F35  
(Proposed)



NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham**  
MARINE  
INDUSTRIES, INC.

1101 West 10th Street  
Bellingham, WA 98201  
800 Spurling Lane  
Dixon, CA 95620  
TEL: (707) 876-2265  
FAX: (707) 678-1760

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SITE IMPROVEMENT PLAN			
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP. DATE
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP. DATE

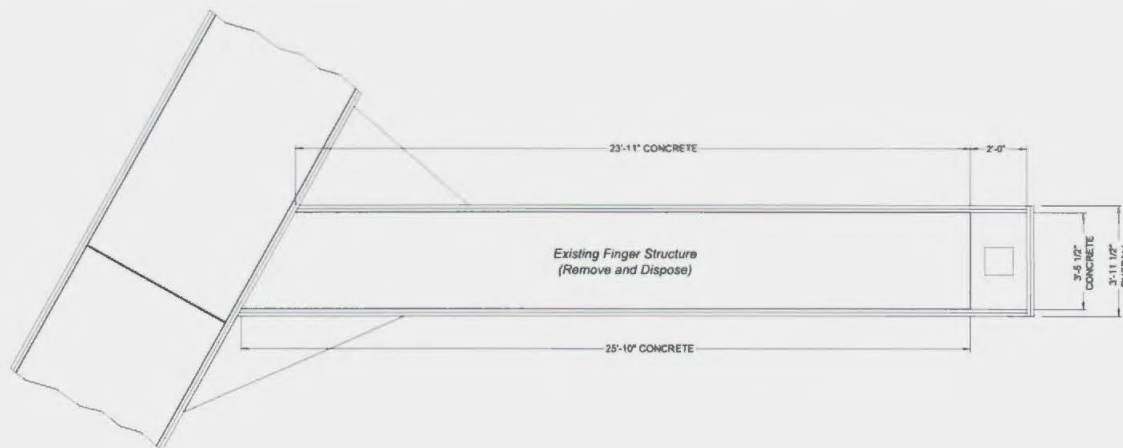
PROJECT NUMBER:	15-3-865
ENGINEER / DESIGNER:	
PROJECT MANAGER:	Ron Mack
CHECKED BY:	

**KINGSTON VILLAGE DOCK REPLACEMENT**  
505 Grande Caribe Causeway  
Coronado, CA 92118

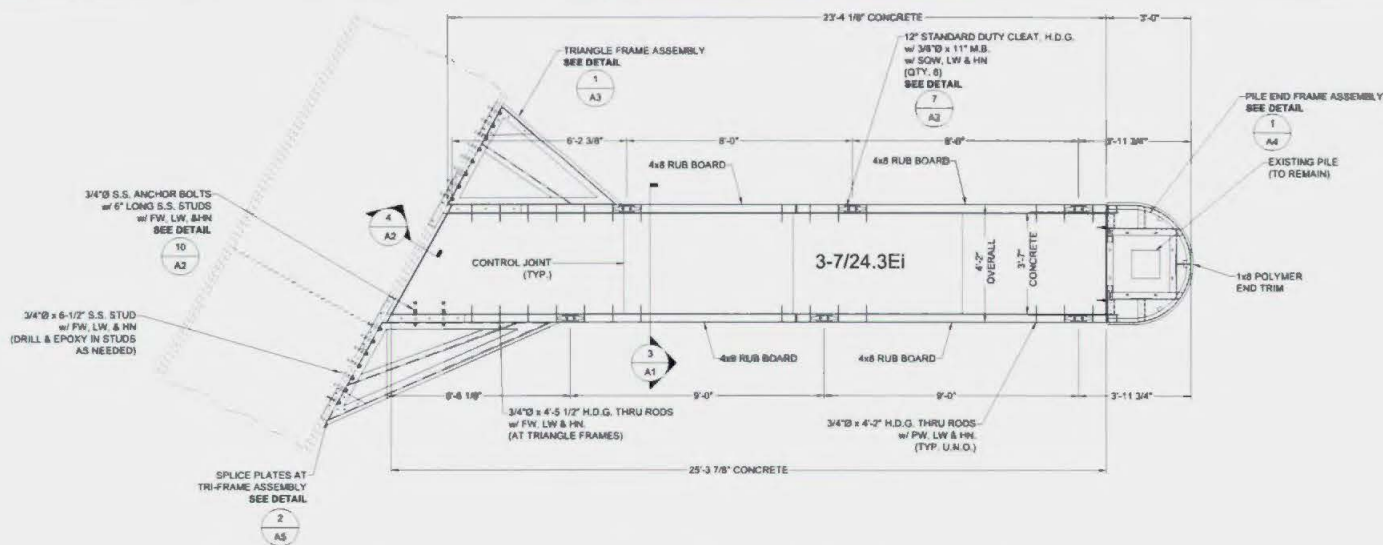
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SCALE:	N.T.S. (Sheet Size 24" x 36")
DRAWN BY:	DM
DATE:	2-25-16
SHEET NO.:	9
DRAWING:	F46

FINGER ASSEMBLY: F36  
(Existing)



FINGER ASSEMBLY: F36  
(Proposed)



NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham MARINE**  
 THE WORLD'S LARGEST  
 ONE-STOP MARINE  
 SUPPLY CENTER  
 Southwest Division  
 2810 Spaulding Lane  
 Dixon, CA 95620  
 TEL: (707) 878-2300  
 FAX: (707) 678-1700

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 BELLINGHAM MARINE  
 INDUSTRIES, INC. UNFLOATE  
 UNDECOR AND BELLINGHAM  
 MARINE INDUSTRIES, INC.

**SITE IMPROVEMENT PLAN**

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

PROJECT NUMBER:  
15-3-865

ENGINEER / DESIGNER:

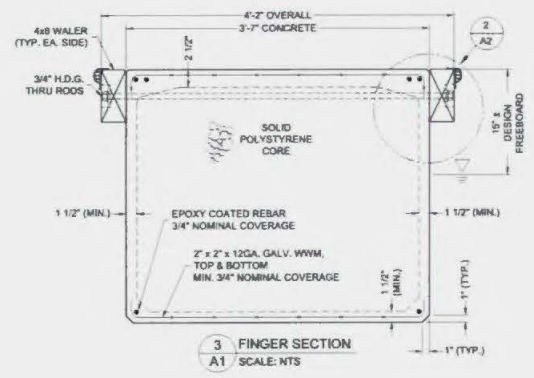
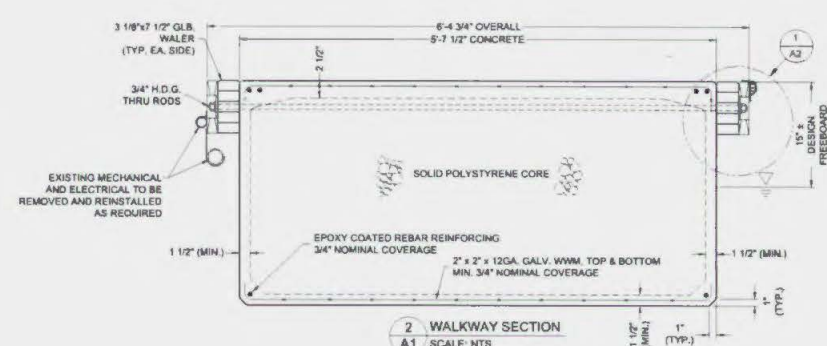
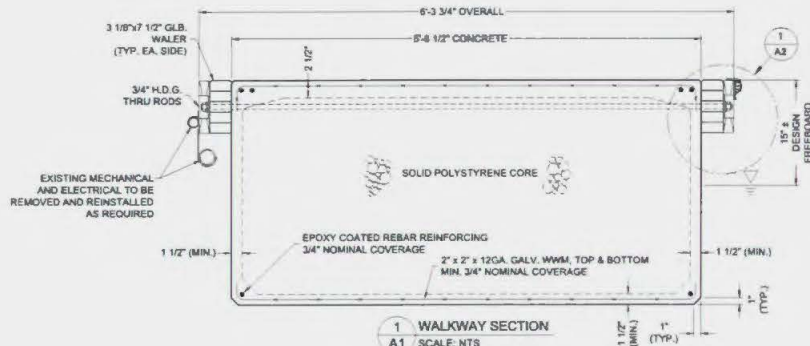
PROJECT MANAGER:  
Ron Mock

CHECKED BY:

**KINGSTON VILLAGE DOCK REPLACEMENT**  
 505 Grande Caribe Causeway  
 Coronado, CA 92118

FINGER ASSEMBLY: F36

SCALE:	N.T.S.
[Sheet Size 24" x 36"]	
DRAWN BY:	DM
DATE:	2-25-16
SHEET NO.:	10
DRAWING:	FA7



- NOTES:**
1. FREEBOARD SHOWN IS AFTER 1 YEAR ACCLIMATION.
  2. PVC PIPES / BOXES SHOWN CHASES ONLY. INSTALL CONDUIT AS NEEDED FOR ELECTRICAL SERVICES.
  3. SOME HIDDEN LINES NOT SHOWN FOR CLARITY.

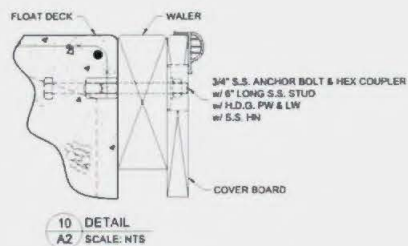
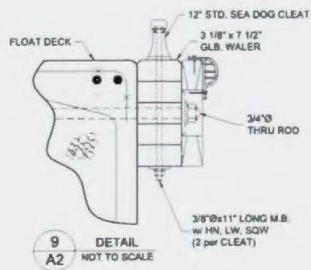
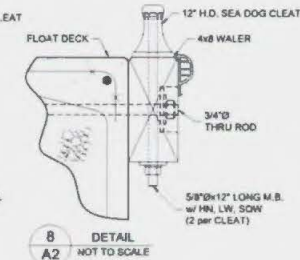
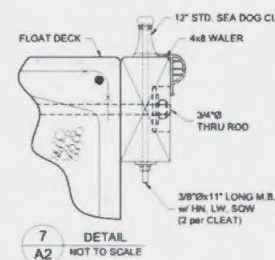
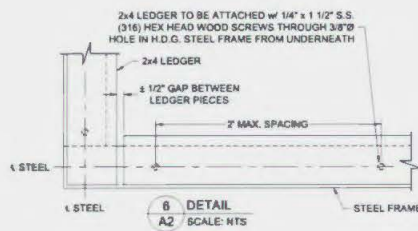
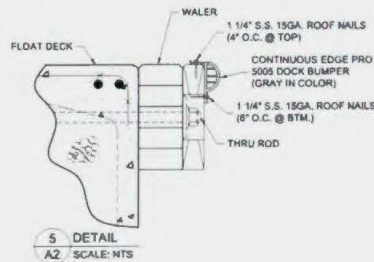
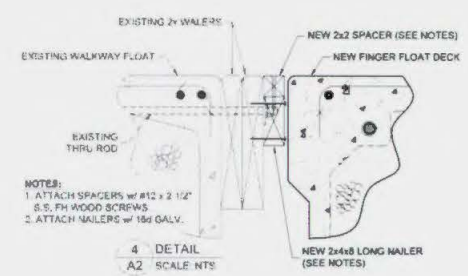
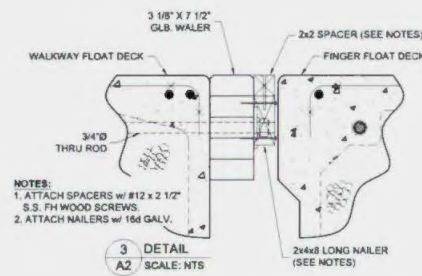
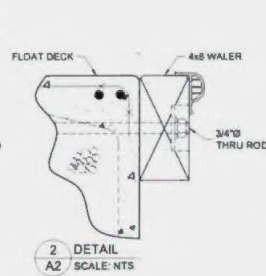
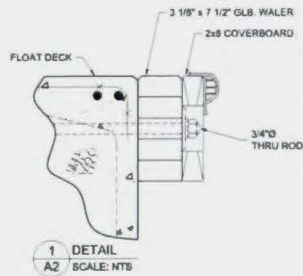
**TYPICAL CONCRETE REINFORCING FOR ALL FLOATS:**  
 - REBAR IS TO BE GRADE 60, EPOXY COATED  
 - WWM IS TO BE 2" x 2" / 12GA (H.D.G.)

**DIMENSIONAL LUMBER (WALERS & COVERBOARDS):**  
**STRUCTURAL:**  
 DOUGLAS FIR, SELECT, STRUCTURAL  
**NON-STRUCTURAL (COVERBOARDS):**  
 DOUGLAS FIR, #1 & BETTER

**GLU-LAM (GLB) WALERS:**  
 DOUGLAS FIR, COMBINATION 24F-V8

**PRESSURE TREAT ALL WOOD WITH A.C.Z.A. TO 0.6 PCF MIN. RETENTION PER AWP standards**

		<b>Bellingham MARINE</b> <small>THE WOOD GROUP</small> <small>2000 15th Street</small> <small>Southwest Division</small> <small>8110 Spaulding Lane</small> <small>Dixon, CA 95620</small> <small>TEL: (707) 876-2305</small> <small>FAX: (707) 876-1862</small>	<b>SITE IMPROVEMENT PLAN</b>		PROJECT NUMBER: <b>15-3-865</b>	<b>KINGSTON VILLAGE DOCK REPLACEMENT</b> 505 Grande Caribe Causeway Coronado, CA 92118	SCALE: N.T.S. (Sheet Size 24" x 36")
NO. DATE DESCRIPTION BY			ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE	ENGINEER / DESIGNER: Ron Mack	PROJECT MANAGER: Ron Mack		DRAWN BY: DM
REVISIONS		ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE	ASSEMBLY DETAILS		DATE: 6-27-16	SHEET NO.: 11	DRAWING: A1



- NOTES:
1. ALL HARDWARE TO BE HOT DIPPED GALVANIZED UNLESS NOTED OTHERWISE.
  2. ALL CLEATS ARE TO BE HOT DIP GALVANIZED.
  3. CLEATS MUST NOT STRADDLE THRU RODS.
  4. ALL DOCK BUMPER TO BE INSTALLED AROUND PERIMETERS OF BERTHING AREAS DURING INSTALLATION.

NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham Marine**  
 6810 Soaring Lane  
 Dixon, CA 95620  
 TEL: (707) 678-2385  
 FAX: (707) 678-1756

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**SITE IMPROVEMENT PLAN**

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

PROJECT NUMBER: 15-3-865

ENGINEER / DESIGNER:

PROJECT MANAGER: Ron Moch

CHECKED BY:

**KINGSTON VILLAGE DOCK REPLACEMENT**

505 Grande Caribe Causeway  
 Coronado, CA 92118

ASSEMBLY DETAILS

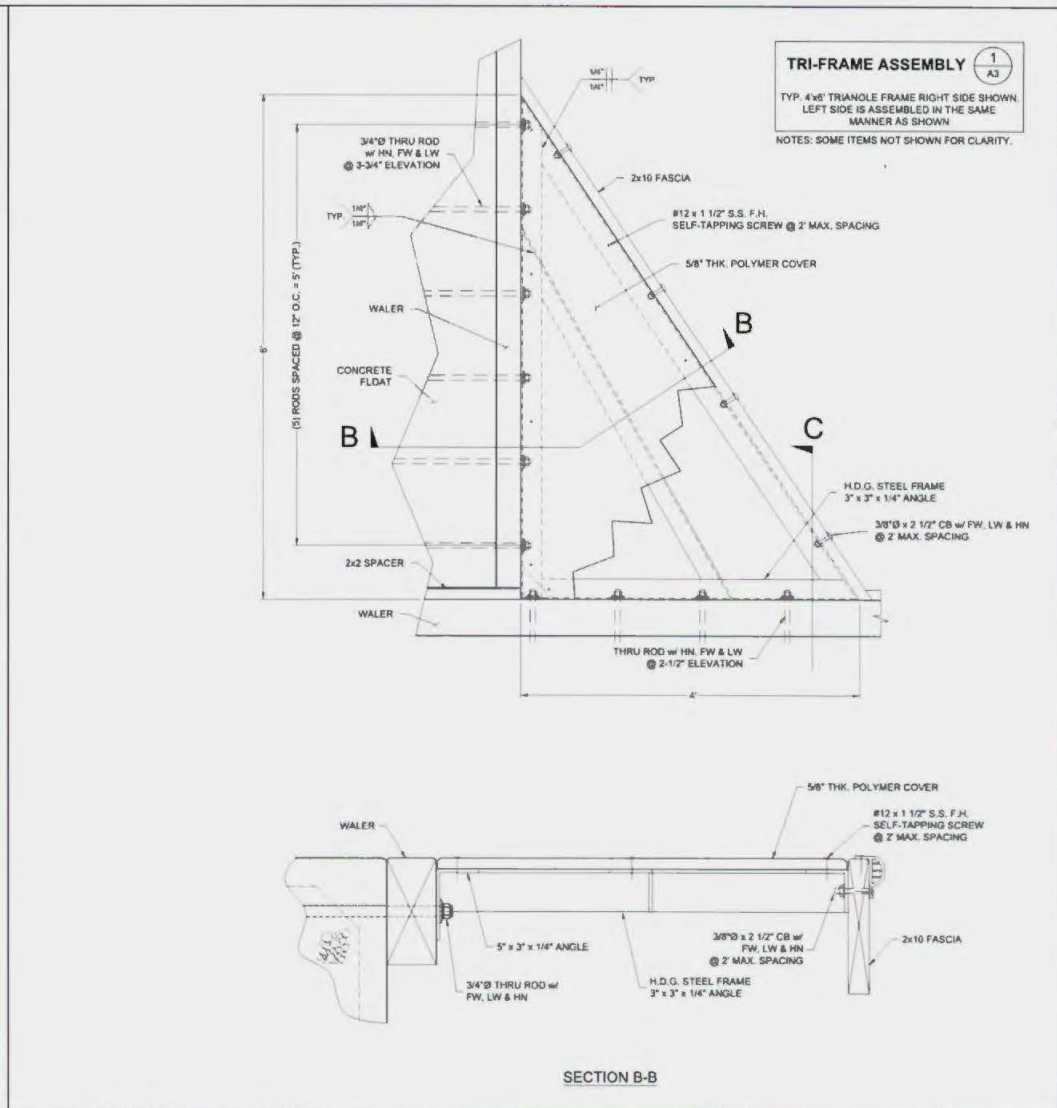
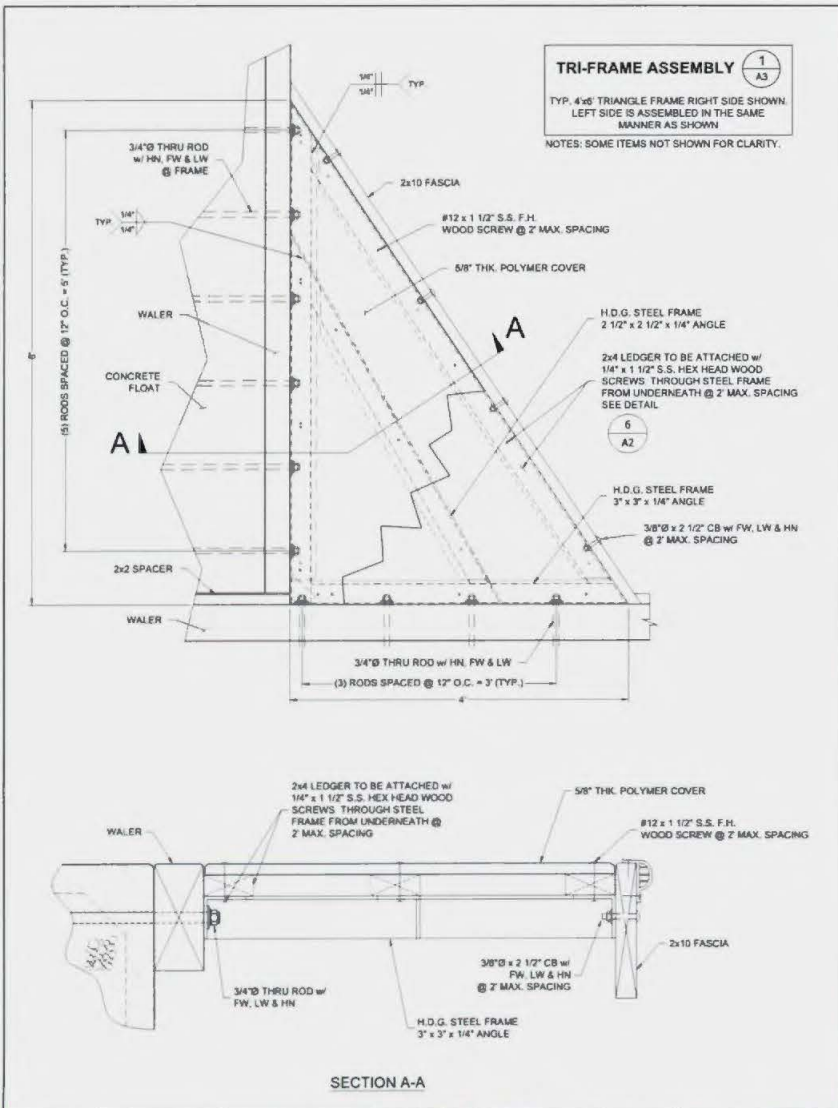
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DRAWN BY: DM

DATE: 6-27-16

SHEET NO.: 12

DRAWING: A2



NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham Marine**  
 THE QUALITY RESULT OF THE COMMITMENT AND SKILL OF OUR TEAM.  
 Southern Division  
 8810 Spaulding Lane  
 Dixon, CA 95630  
 TEL: (707) 878-2985  
 FAX: (707) 878-1760

**SITE IMPROVEMENT PLAN**

ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

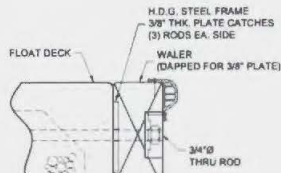
ACCEPTED BY: CITY ENGINEER R.C.E. EXP. DATE

PROJECT NUMBER: 15-3-865  
 ENGINEER / DESIGNER:  
 PROJECT MANAGER: Ron Mock  
 CHECKED BY:

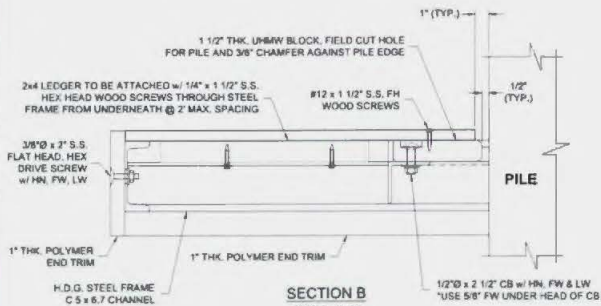
**KINGSTON VILLAGE DOCK REPLACEMENT**  
 505 Grande Caribe Causeway  
 Coronado, CA 92118

ASSEMBLY DETAILS

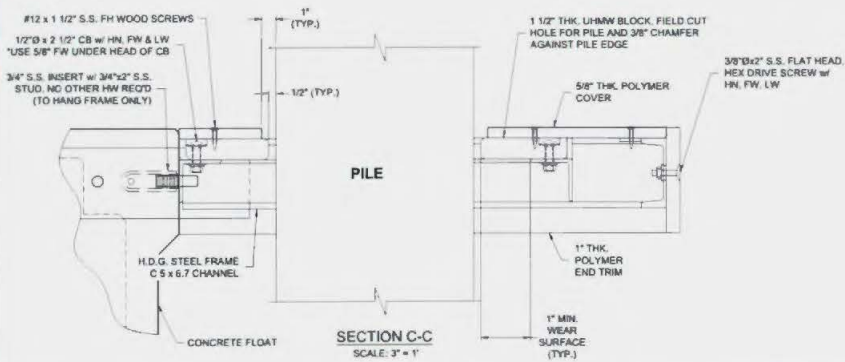
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 DRAWN BY: DM  
 DATE: 6-27-16  
 SHEET NO.: 13  
 DRAWING: A3



SECTION A  
SCALE: 3" = 1"



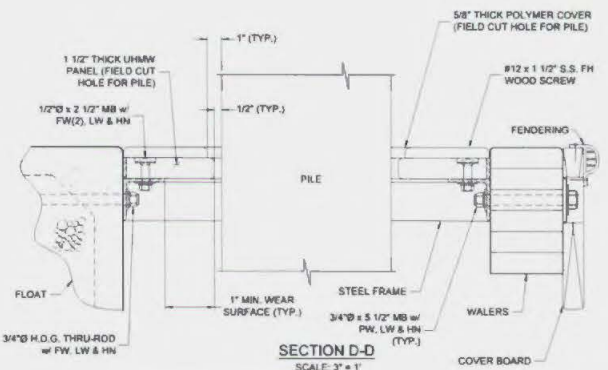
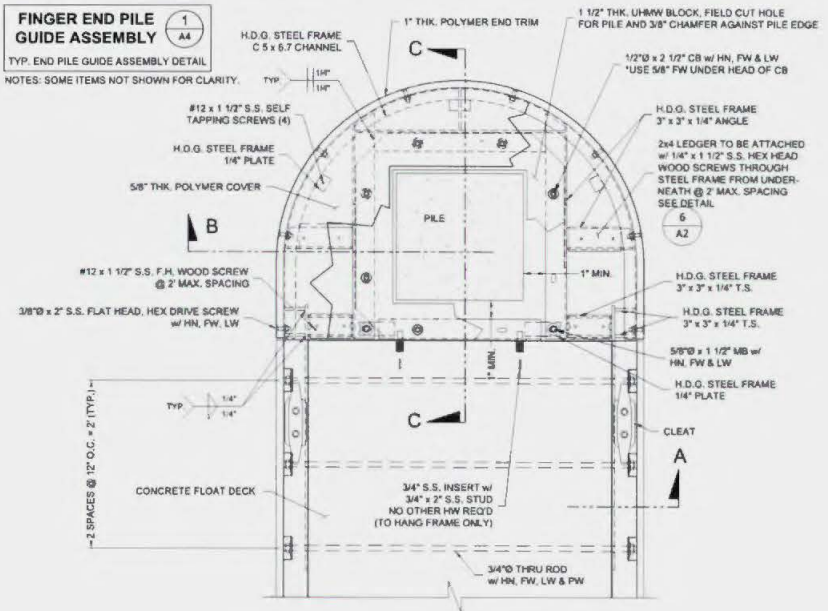
SECTION B  
SCALE: 3" = 1"



SECTION C-C  
SCALE: 3" = 1"

**FINGER END PILE GUIDE ASSEMBLY**

TYP. END PILE GUIDE ASSEMBLY DETAIL  
NOTES: SOME ITEMS NOT SHOWN FOR CLARITY.



SECTION D-D  
SCALE: 3" = 1"

NO.	DATE	DESCRIPTION	BY

**Bellingham**  
MARINE INDUSTRIES, INC.

1700 WILSON ROAD  
DUBLIN, CA 94568  
TEL: (925) 835-2265  
FAX: (925) 835-1780

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**SITE IMPROVEMENT PLAN**

ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP.	DATE

PROJECT NUMBER:  
**15-3-865**

ENGINEER / DESIGNER:

PROJECT MANAGER:  
Ron Mock

CHECKED BY:

**KINGSTON VILLAGE DOCK REPLACEMENT**  
505 Grande Caribe Causeway  
Coronado, CA 92118

ASSEMBLY DETAILS

SCALE: N.T.S.  
(Sheet Size 24" x 36")

DRAWN BY: DM

DATE: 2-25-16

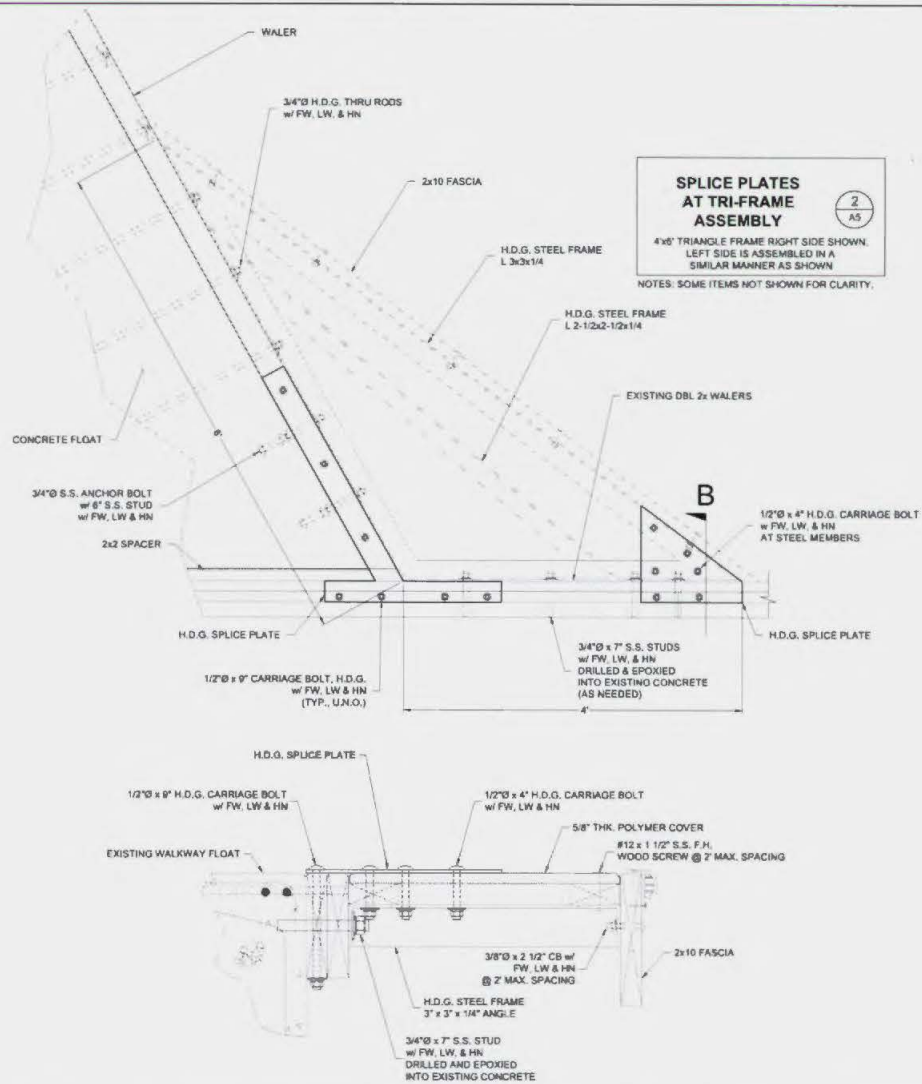
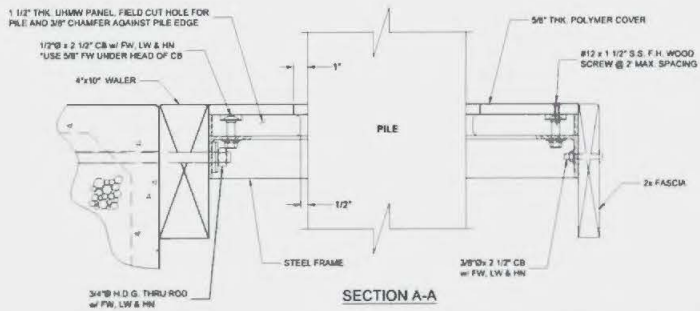
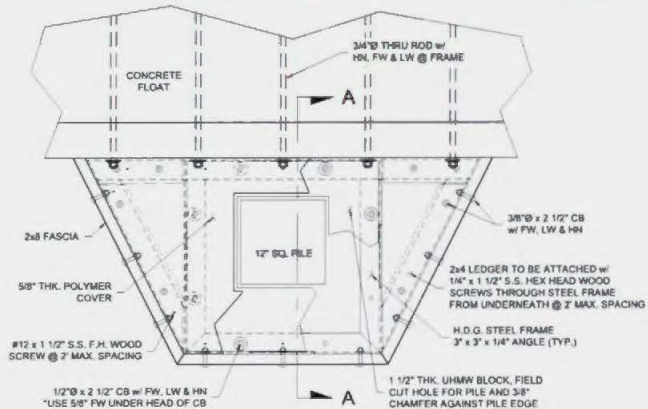
SHEET NO.: 14

DRAWING: A4

**SIDE PILE GUIDE ASSEMBLY**  
TYP. SIDE-PILE GUIDE ASSEMBLY DETAIL

1  
A5

- NOTES:  
1. SOME ITEMS NOT SHOWN FOR CLARITY.  
2. ALL HARDWARE TO BE HOT DIPPED GALVANIZED, UNLESS NOTED OTHERWISE.



NO.	DATE	DESCRIPTION	BY

**Bellingham**  
**Marine**  
INDUSTRIES, INC.  
8810 Spangler Lane  
Dixon, CA 95620  
TEL: (707) 678-2385  
FAX: (707) 678-1760

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SITE IMPROVEMENT PLAN			
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP. DATE
ACCEPTED BY:	CITY ENGINEER	R.C.E.	EXP. DATE

PROJECT NUMBER:	15-3-865
ENGINEER / DESIGNER:	
PROJECT MANAGER:	Don Mack
CHECKED BY:	

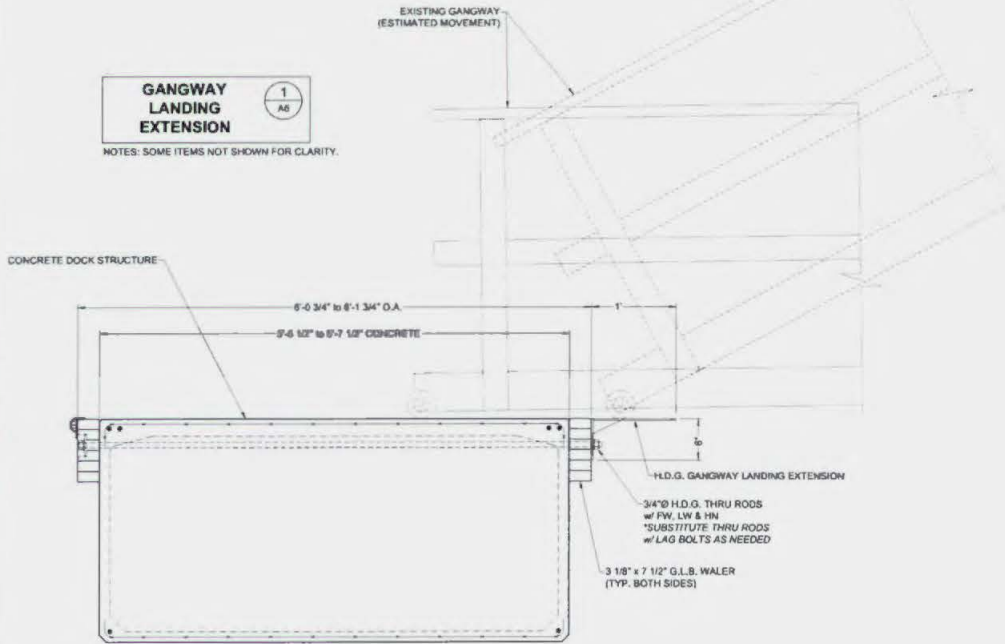
<b>KINGSTON VILLAGE DOCK REPLACEMENT</b>
505 Grande Caribe Causeway Coronado, CA 92118
<b>ASSEMBLY DETAILS</b>

SCALE:	N.T.S. (Sheet Size 24" x 36")
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DATE:	2-25-16
SHEET NO.:	15
DRAWING:	A5

**GANGWAY LANDING EXTENSION**

NOTES: SOME ITEMS NOT SHOWN FOR CLARITY.

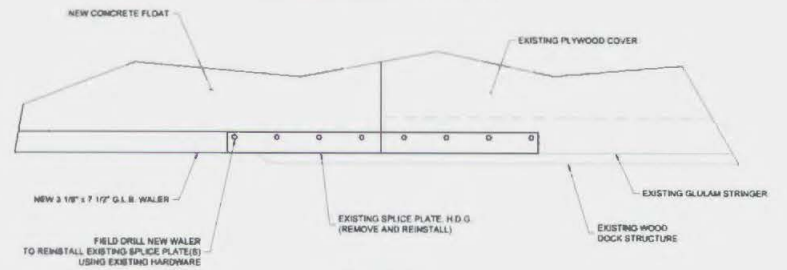
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AE



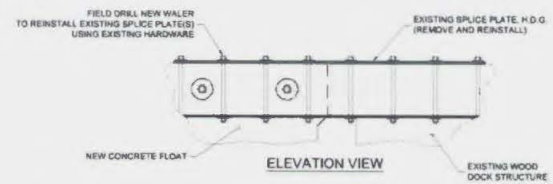
**SPLICE BRACKET CONNECTION**

NOTES: SOME ITEMS NOT SHOWN FOR CLARITY.

2  
AE



PLAN VIEW



ELEVATION VIEW

NO.	DATE	DESCRIPTION	BY
REVISIONS			

**Bellingham MARINE**  
 2610 Spring Lane  
 Oxnard, CA 93030  
 TEL: (707) 978-2385  
 FAX: (707) 678-1156

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DATE:	2-25-16
SHEET NO.:	16
DRAWING:	AE