

**Meeting of the Central Valley Flood Protection Board
January 26, 2012**

Staff Report

**Stockton Yacht Club, Inc.
Calaveras River
(San Joaquin County)**

1.0 – ITEM

Consider approval of Permit No. 18688 (Attachment B).

2.0 – APPLICANT

Russ Nodder, Stockton Yacht Club, Inc.
3235 River Drive
Stockton, CA 95204
APN 109-110-17

3.0 – LOCATION

The project is located west of Interstate 5 at 3235 River Drive on the south (left) bank of the Calaveras River in San Joaquin County (see Attachment A).

4.0 – DESCRIPTION

Consider approval of Permit No. 18688 to replace twenty six (26) covered wooden boat slips with twenty four (24) covered steel boat slips supported by twenty six (26) new steel pilings, including the removal of twenty two (22) old pilings on the left (south) bank of the Calaveras River in San Joaquin County.

5.0 – PROJECT ANALYSIS

All proposed facilities and slips will be located within the property boundaries of the Stockton Yacht Club property. The existing boating facilities were approved under the Reclamation Board (now the Central Valley Flood Protection Board) Encroachment

Permits #2141, #6900, #17199 GM, and #17710 BD. The proposed new boat slips will be made of steel and will be supported on 12-inch-diameter steel piles. All new piles will be two feet above the levee crown elevation.

5.1 – Hydraulic Analysis

A hydraulic analysis was not provided as the project does not pose a significant obstruction to hydraulic conveyance. The project was reviewed using the USACE's suggested channel hydraulic screening tool and was found to obstruct far less than 1% of the total channel cross section. The proposed project will replace an existing boating facility and the hydraulic impacts of the project are considered minor.

5.2 – Geotechnical Analysis

No projections into levees will occur as a result of this project; therefore, a geotechnical analysis was not necessary for the project.

6.0 – AGENCY COMMENTS AND ENDORSEMENTS

The comments and endorsements associated with this project, from all pertinent agencies are shown below:

- San Joaquin County Flood Control and Water Conservation District endorsed the project, with conditions, by letter dated May 20, 2011. The letter will be incorporated into the permit as Exhibit A (see Attachment B).
- The U.S. Army Corps of Engineers 208.10 comment letter has not yet been received for this application. Upon receipt of a comment letter confirming that the Corps has no objection to the project and review by Board staff, the letter will be incorporated into the permit as Exhibit B (see Attachment B).

7.0 – CEQA ANALYSIS

Board staff has prepared the following CEQA Findings:

The Board, acting as the CEQA lead agency, has determined that the project is categorically exempt from CEQA under a Class 2 Categorical Exemption (CEQA

Guidelines Section 15302) covering replacement or reconstruction of existing structures and facilities.

8.0 – SECTION 8610.5 CONSIDERATIONS

1. Evidence that the Board admits into its record from any party, State or local public agency, or nongovernmental organization with expertise in flood or flood plain management:

The Board will make its decision based on the evidence in the permit application and attachments, this staff report, and any other evidence presented by any individual or group.

2. The best available science that related to the scientific issues presented by the executive officer, legal counsel, the Department or other parties that raise credible scientific issues:

The accepted industry standards for the work performed under this permit as regulated by Title 23 have been applied to the review of this permit.

3. Effects of the decision on the entire State Plan of Flood Control:

This project does not have significant impacts on the State Plan of Flood Control, as the project does not impair the structural or hydraulic functions of the system.

4. Effects of reasonable projected future events, including, but not limited to, changes in hydrology, climate, and development within the applicable watershed:

Future events, changes in hydrology and climate may increase flows in the Calaveras River, which in turn would increase the flood risk for the project.

9.0 – STAFF RECOMMENDATION

Staff recommends that the Board determine the project be exempt from CEQA, approve the permit conditioned upon receipt of a U.S. Army Corps comment letter confirming that the Corps has no objection to the project, and an order to direct the Executive Officer to take necessary actions to prepare the permit and to file a Notice of Exemption with the State Clearinghouse.

10.0 – LIST OF ATTACHMENTS

- A. Location Maps
- B. Draft Permit No. 18688
 - a. Exhibit A – SJCFC&WCD Endorsement Letter
 - b. Exhibit B – USACE Letter (PENDING)
- C. Plans and Drawings

Design Review:	Alison Tang, P.E.
Environmental Review:	James Herota and Andrea Mauro
Document Review:	Michael C. Wright, P.E., Curt Taras, P.E. MSCE, Len Marino, P.E.

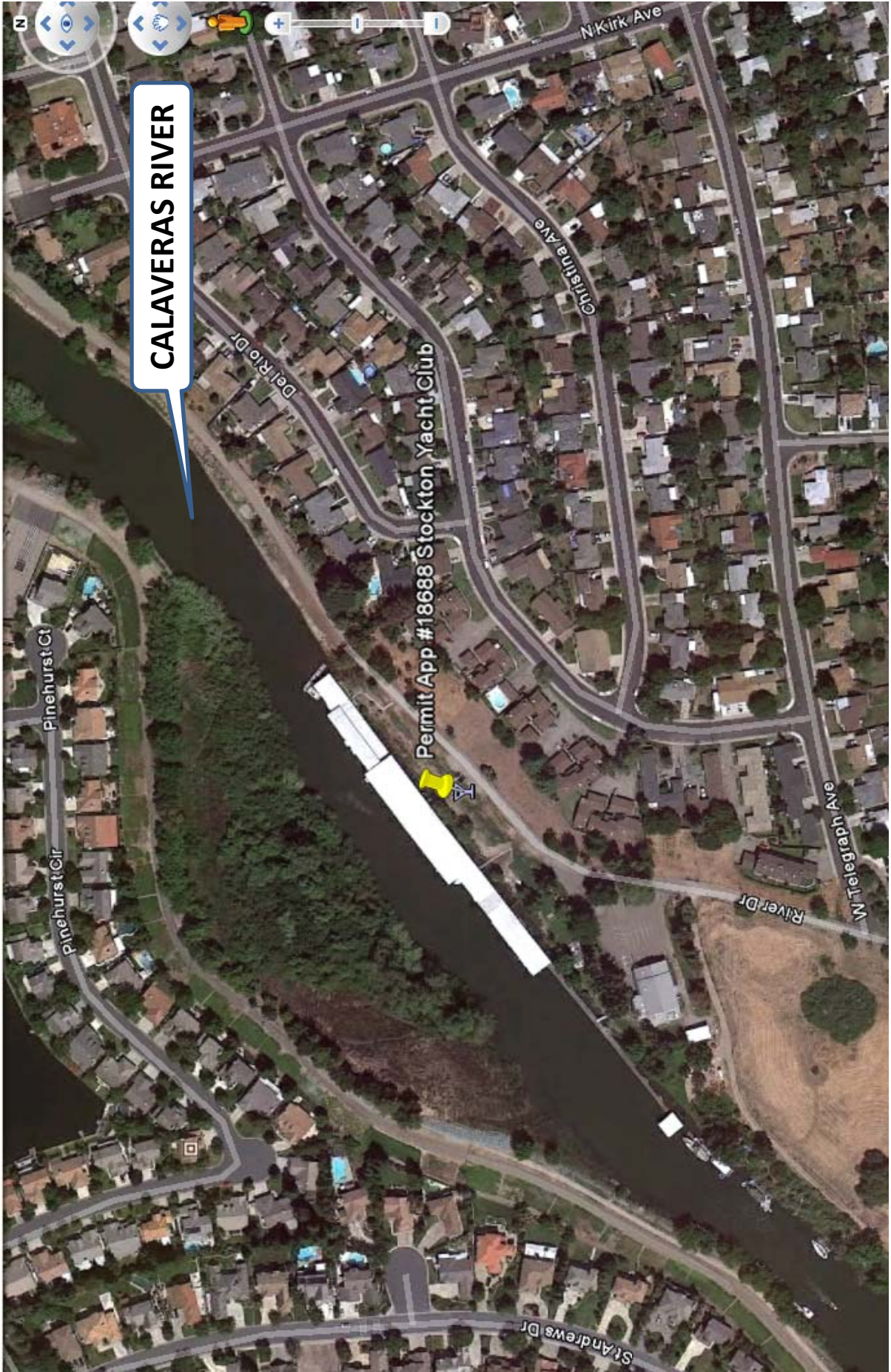
EP 18688
ATTACHMENT A

VICINITY MAP



EP 18688
ATTACHMENT A

LOCATION MAP



DRAFT

STATE OF CALIFORNIA
THE RESOURCES AGENCY
THE CENTRAL VALLEY FLOOD PROTECTION BOARD

PERMIT NO. 18688 BD

This Permit is issued to:

Stockton Yacht Club, Inc.
3235 River Drive
Stockton, California 95204

To replace twenty six (26) covered wooden boat slips with twenty four (24) covered steel boat slips, including the removal of twenty two (22) existing pilings to be replaced by twenty six (26) new steel pilings. The project is located on left (south) bank of the Calaveras River near River Mile 62 at 3235 River Drive, Stockton, CA (Section 31, T2N, R6E, MDB&M, San Joaquin County Flood Control and Water Conservation District, Calaveras River, San Joaquin County).

NOTE: Special Conditions have been incorporated herein which may place limitations on and/or require modification of your proposed project as described above.

(SEAL)

Dated: _____

Executive Officer

GENERAL CONDITIONS:

ONE: This permit is issued under the provisions of Sections 8700 – 8723 of the Water Code.

TWO: Only work described in the subject application is authorized hereby.

THREE: This permit does not grant a right to use or construct works on land owned by the Sacramento and San Joaquin Drainage District or on any other land.

FOUR: The approved work shall be accomplished under the direction and supervision of the State Department of Water Resources, and the permittee shall conform to all requirements of the Department and The Central Valley Flood Protection Board.

FIVE: Unless the work herein contemplated shall have been commenced within one year after issuance of this permit, the Board reserves the right to change any conditions in this permit as may be consistent with current flood control standards and policies of The Central Valley Flood Protection Board.

SIX: This permit shall remain in effect until revoked. In the event any conditions in this permit are not complied with, it may be revoked on 15 days' notice.

SEVEN: It is understood and agreed to by the permittee that the start of any work under this permit shall constitute an acceptance of the conditions in this permit and an agreement to perform work in accordance therewith.

EIGHT: This permit does not establish any precedent with respect to any other application received by The Central Valley Flood Protection Board.

NINE: The permittee shall, when required by law, secure the written order or consent from all other public agencies having jurisdiction.

TEN: The permittee is responsible for all personal liability and property damage which may arise out of failure on the permittee's part to perform the obligations under this permit. If any claim of liability is made against the State of California, or any departments thereof, the United States of America, a local district or other maintaining agencies and the officers, agents or employees thereof, the permittee shall defend and shall hold each of them harmless from each claim.

ELEVEN: The permittee shall exercise reasonable care to operate and maintain any work authorized herein to preclude injury to or damage to any works necessary to any plan of flood control adopted by the Board or the Legislature, or interfere with the successful execution, functioning or operation of any plan of flood control adopted by the Board or the Legislature.

TWELVE: Should any of the work not conform to the conditions of this permit, the permittee, upon order of The Central Valley Flood Protection Board, shall in the manner prescribed by the Board be responsible for the cost and expense to remove, alter, relocate, or reconstruct all or any part of the work herein approved.

SPECIAL CONDITIONS FOR PERMIT NO. 18688 BD

THIRTEEN: All work approved by this permit shall be in accordance with the submitted drawings and specifications except as modified by special permit conditions herein. No further work, other than that approved by this permit, shall be done in the area without prior approval of the Central Valley Flood Protection Board.

FOURTEEN: The permittee shall maintain the permitted encroachment(s) and the project works within the utilized area in the manner required and as requested by the authorized representative of the Department of Water Resources, San Joaquin County Flood Control & Water Conservation District or any other agency responsible for maintenance.

FIFTEEN: The Central Valley Flood Protection Board, Department of Water Resources, and San Joaquin County Flood Control & Water Conservation District shall not be held liable for any damages to the permitted encroachment(s) resulting from flood fight, operation, maintenance, inspection, or emergency repair.

SIXTEEN: The permittee is responsible for all liability associated with construction, operation, and maintenance of the permitted facilities and shall defend, indemnify, and hold the Central Valley Flood Protection Board and the State of California; including its agencies, departments, boards, commissions, and their respective officers, agents, employees, successors and assigns (collectively, the "State"), safe and harmless, of and from all claims and damages arising from the project undertaken pursuant to this permit, all to the extent allowed by law. The State expressly reserves the right to supplement or take over its defense, in its sole discretion

SEVENTEEN: The permittee shall defend, indemnify, and hold the Central Valley Flood Protection Board and the State of California, including its agencies, departments, boards, commissions, and their respective officers, agents, employees, successors and assigns (collectively, the "State"), safe and harmless, of and from all claims and damages related to the Central Valley Flood Protection

Board's approval of this permit, including but not limited to claims filed pursuant to the California Environmental Quality Act. The State expressly reserves the right to supplement or take over its defense, in its sole discretion.

EIGHTEEN: The Central Valley Flood Protection Board and Department of Water Resources shall not be held liable for damages to the permitted encroachment(s) resulting from releases of water from reservoirs, flood fight, operation, maintenance, inspection, or emergency repair.

NINETEEN: The permittee may be required, at permittee's cost and expense, to remove, alter, relocate, or reconstruct all or any part of the permitted encroachment(s) if removal, alteration, relocation, or reconstruction is necessary as part of or in conjunction with any present or future flood control plan or project or if damaged by any cause. If the permittee does not comply, the Central Valley Flood Protection Board may remove the encroachment(s) at the permittee's expense.

TWENTY: The permittee shall contact the Department of Water Resources by telephone, (916) 574-0609, and submit the enclosed postcard to schedule a preconstruction conference. Failure to do so at least 10 working days prior to start of work may result in delay of the project.

TWENTY-ONE: Stockpiled material, temporary buildings, or equipment shall not remain in the Feather River Designated Floodway during the flood season from November 1st to April 15th.

TWENTY-TWO: In the event that bank erosion injurious to the adopted plan of flood control occurs at or adjacent to the permitted encroachment(s), the permittee shall repair the eroded area and propose measures, to be approved by the Central Valley Flood Protection Board, to prevent further erosion.

TWENTY-THREE: The permittee shall be responsible for repair of any damages to the project levee and other flood control facilities due to construction, operation, or maintenance of the proposed project.

TWENTY-FOUR: If the project, or any portion thereof, is to be abandoned in the future, the permittee or successor shall abandon the project under direction of the Central Valley Flood Protection Board and Department of Water Resources, at the permittee's or successor's cost and expense.

TWENTY-FIVE: The permitted floating facilities shall be properly anchored to prevent detachment from the anchoring system during periods of high water.

TWENTY-SIX: The project site shall be restored to at least the condition that existed prior to commencement of work.

TWENTY-SEVEN: Debris that may accumulate on the permitted encroachment(s) and related facilities shall be cleared off and disposed of outside the floodway after each period of high water.

TWENTY-EIGHT: The permittee shall comply with all conditions set forth in the letter from San Joaquin County Flood Control & Water Conservation District dated May 20, 2011, which is attached to this permit as Exhibit A and is incorporated by reference.

TWENTY-NINE: This permit is not valid until the Central Valley Flood Protection Board has received written notification from the U.S. Army Corps of Engineers (Corps) that the Corps has no opposition

to this project. The permittee shall comply with all conditions set forth in the letter from the Corps once it is received, which shall be attached to this permit as Exhibit A and incorporated by reference.

THIRTY: Upon completion of the project, the permittee shall submit as constructed drawings including locations for all new, replaced and removed pilings to: Department of Water Resources, Flood Project Inspection Section, P.O. Box 219000, Sacramento, California 95821-9000.

THIRTY-ONE: The top of pile elevations shall be a minimum distance of 2 feet above the adjacent levee crest.

THIRTY-TWO: The docks shall not block more than one-third ($1/3$) of the channel width and keep a navigational channel at least seventy-five (75) feet wide free from obstructions including boats at dock temporarily.



SAN JOAQUIN COUNTY
**FLOOD CONTROL & WATER
CONSERVATION DISTRICT**

P. O. BOX 1810
1810 EAST HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
TELEPHONE (209) 488-3000
FAX NO. (209) 468-2999

THOMAS M. GAU
DIRECTOR OF PUBLIC WORKS/
FLOOD CONTROL ENGINEER
(INTERIM)

May 20, 2011

The Central Valley Flood Protection Board
Floodway Protection Section
3310 El Camino Avenue
Sacramento, California 95821

**SUBJECT: CENTRAL VALLEY FLOOD PROTECTION BOARD PERMIT APPLICATION
OF STOCKTON YACHT CLUB, ADJACENT TO ASSESSOR'S PARCEL
NOS. 109-110-13, 101-110-16, AND 101-110-17 ON THE CALAVERAS RIVER**

Gentlemen:

Reference is made to the Central Valley Flood Protection Board Permit Application of the Stockton Yacht Club to replace 16 existing pilings, and replace 26 covered wood slips, with 24 covered steel slips.

The project is located on the Calaveras River approximately 5,700 feet upstream of the San Joaquin River in San Joaquin County, in Section 31, Township 2 North, Range 6 East, Mount Diablo Base and Meridian, San Joaquin County Assessor's Parcel No. 109-110-13.

The San Joaquin County Flood Control and Water Conservation District (District) has reviewed the Central Valley Flood Protection Board Permit Application of the Stockton Yacht Club and endorses the project subject to the following conditions:

1. The District shall not be responsible for the maintenance of the facilities specified in this Permit.
2. The District shall not be held liable for damage(s) to the permitted encroachment(s) due to the District's operation, maintenance, flood fight, inspection, or emergency repairs.
3. The Permittee or successors-in-interest shall be responsible for the modification or possible removal of the facilities, as requested by the District, if required for any future flood control plans at the applicant's sole cost and expense.
4. The Permittee shall be liable for any damage to the Calaveras River that may occur as a result of this project.
5. The project shall be constructed in accordance with the plans dated March 18, 2011, submitted with the application dated April 28, 2011. Any revisions to the project will require submittal of the revised plans to the District for review and approval.
6. No work shall be allowed in Calaveras River channel between November 1st and April 15th without prior approval of the Central Valley Flood Protection Board and the District.

The Central Valley Flood Protection Board -2-
STOCKTON YACHT CLUB
BOARD PERMIT APPLICATION

7. The Permittee or successors-in-interest shall keep the encroachment(s) properly maintained in accordance with applicable current or future local, State and Federal standards.
8. The dock shall be checked after each storm event and any debris that has collected shall be removed.
9. The piles shall be constructed parallel to the direction of flow, and in line with the existing supports.
10. Upon completion of the project, the Permittee shall submit a hard copy and an electronic copy in AutoCAD and pdf format of the as-built drawings to:

San Joaquin County Flood Control and Water Conservation District
1810 East Hazelton Avenue
Stockton, California, 95205

and to:

San Joaquin Area Flood Control Agency
22 East Weber Avenue
Stockton, California 95202

11. All floating permitted facilities placed on the waterside of the levee shall be constructed to float and remain in place laterally at a water surface elevation of at least two feet above the 100-year flood elevation in the Calaveras River.
12. The proposed pilings shall not be located closer than 15 feet from the water side toe of the levee.

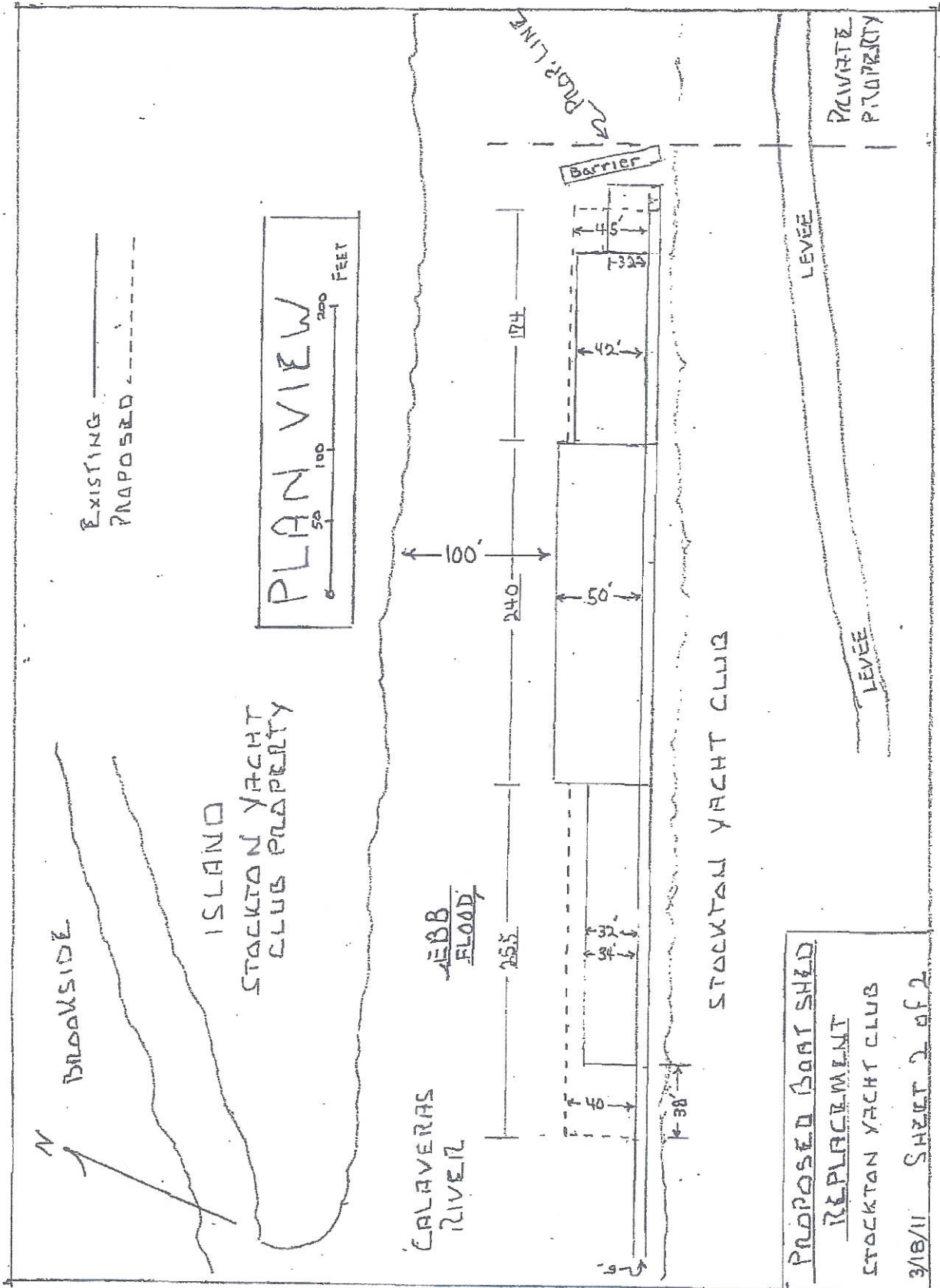
If there are any questions regarding these comments, please contact me at (209) 953-7617.

Sincerely,



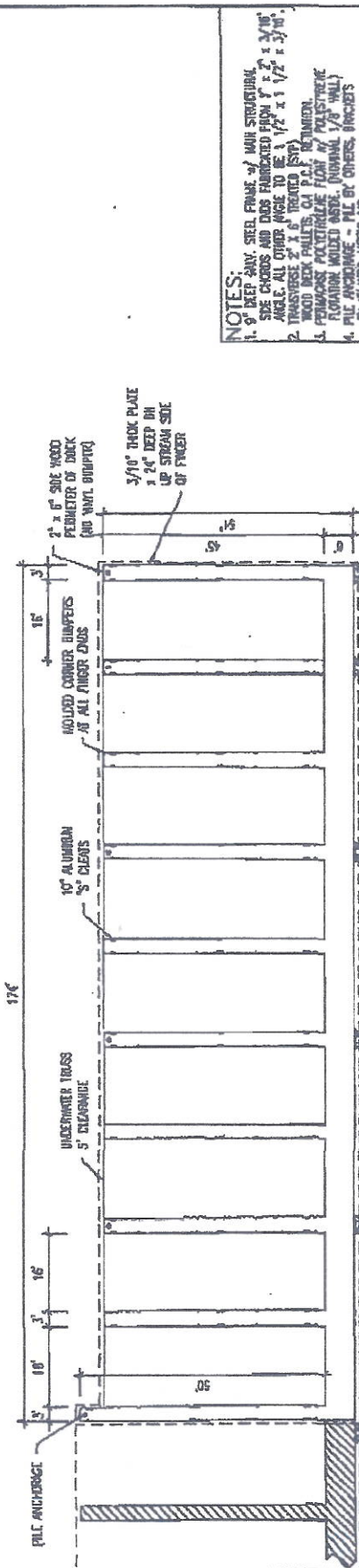
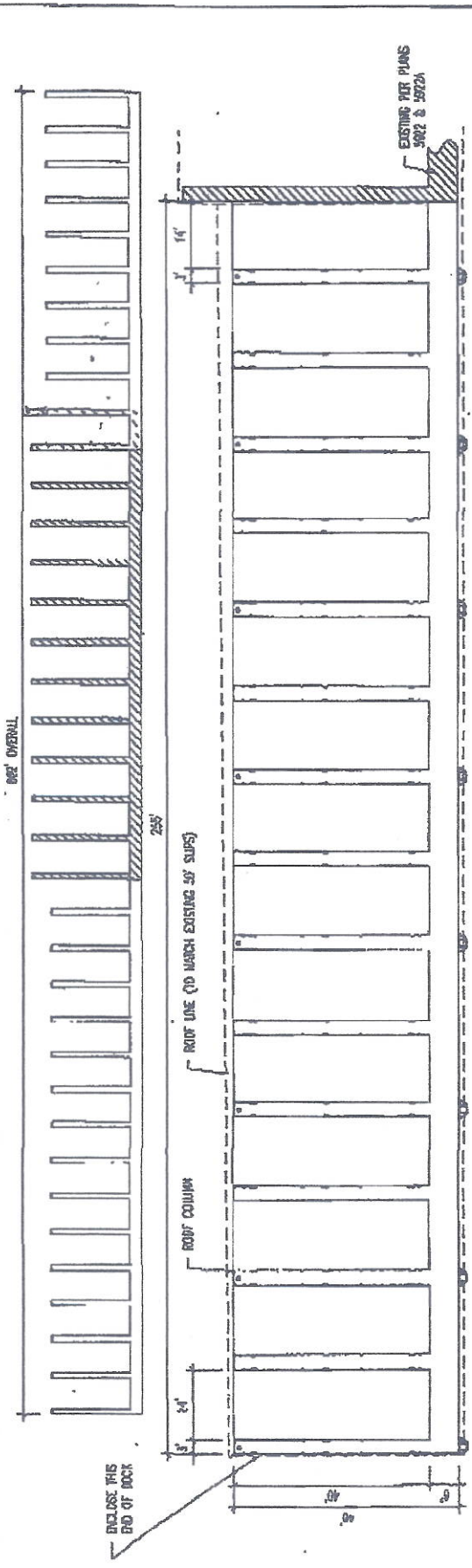
JOHN I. MAGUIRE
Engineering Services Manager

JIM:RF:mk
FM-11E017-M1



PROPOSED BOAT SHED
REPLACEMENT
STOCKTON YACHT CLUB
3/18/11 SHEET 2 of 2

669'



PLAN VIEW
(15) NEW 14' x 40' COVERED SLIPS
(09) NEW 16' x 45' COVERED SLIPS

- NOTES:**
- 9" DEEP SHAW STEEL FRAME w/ MAIN STRUCTURAL SIZE CHORDS AND DIAGS FABRICATED FROM 7" x 2" x 3/16" ANGLE. ALL OTHER ANGLE TO BE 1 1/2" x 1 1/2" x 3/16".
 - TRANSVERSE 2" x 6" TROUSER (STP)
 - WOOD DECK FLOORING ON P.L.S. REMOVED.
 - FOUNDATIONS POLYURETHANE FLOAM w/ POLYESTER FIBERGLASS MOLDED BASE. ORIGINAL 1/8" WALL.
 - PILE ANCHORAGE - ALL BY OTHERS, BRICKETS.
 - BY ATLAND-NEED INC.
 - ALL DOCK STRUCTURES TO BE HOT-DIP GALVANIZED AFTER DARKENING.
 - ROOF FLOORING UNLOAD - 4 P.S.F.
 - ROOF STRUCTURAL UNLOAD - 10 P.S.F.
 - COLORS: ROOF - WHITE PILING - GALVANIZED

NO.	REVISION DESCRIPTION	BY	DATE

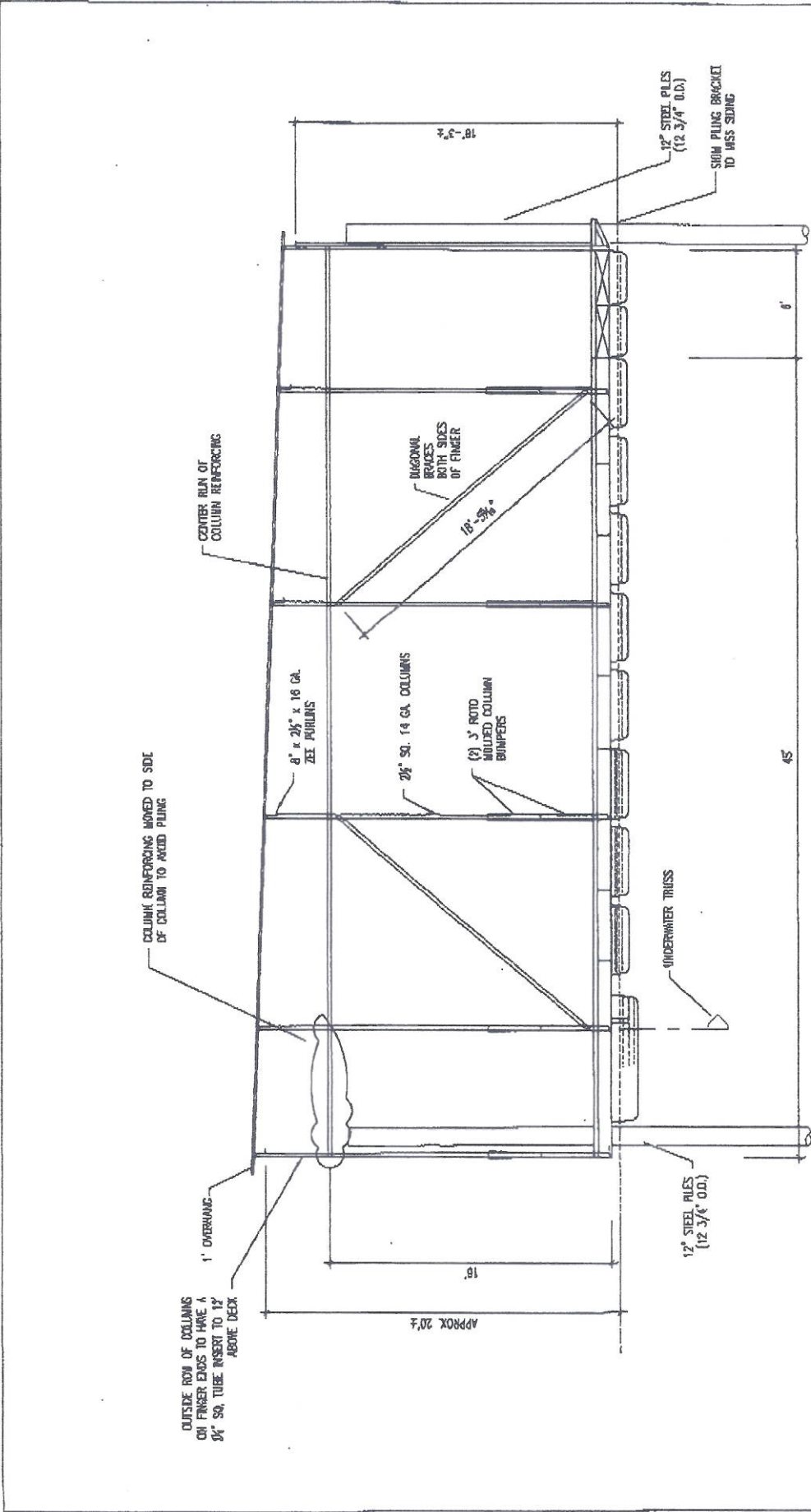
PROJECT NAME	582201A
JOB #	PLN 16 5022P
DRAWN BY	J.D.W.
CHECKED BY	DATE: 09/04/10 SHEET 1
SCALE	1" = 20'-0"

Atlantic Mesco
THE MARINA COMPANY
1501 E. DIETRIC AVE. #200
MUSKEGON, OHIO 44130
Phone (419) 429-5800
Fax (419) 429-5810

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PILE GUIDES BY ANI
QUANTITY SCHEDULE FOR ESTIMATING
PRICES BY BUYER - NO. TO BE DETERMINED

SHIM OUT EXISTING P.L. TO WESS SHEETING

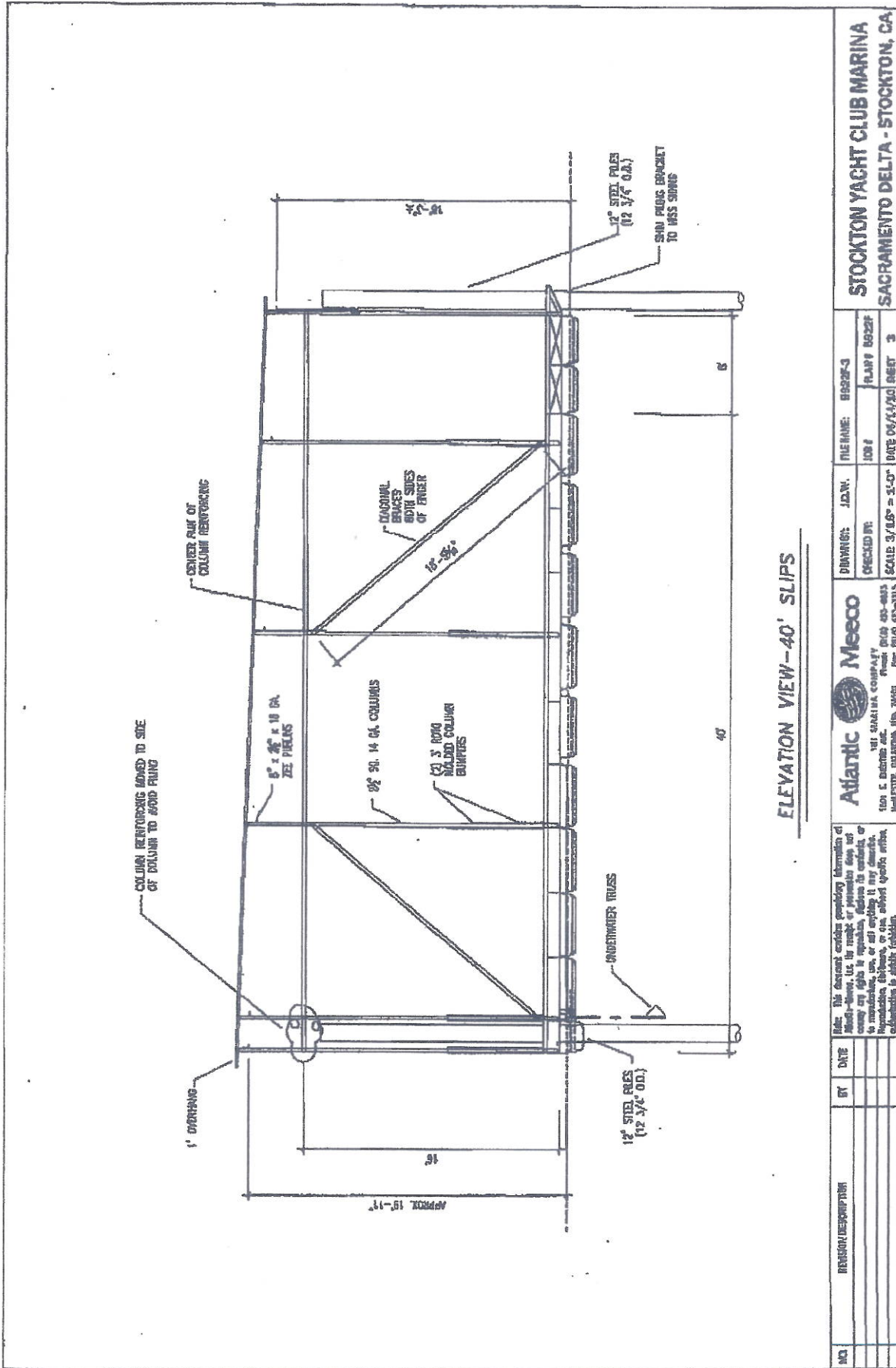


ELEVATION VIEW - 45' SLIPS

NO.	REVISION DESCRIPTION	BY	DATE	NOTES

<p>Atlantic Meeco</p> <p>THE MARINA COMPANY</p> <p>1501 E. ELECTRA AVE. FERRIS (916) 423-1000 MOLADERO, OAKLAND, USA 94601 Fax: (916) 423-3015</p>	<p>DESIGNED BY: J.D. WY.</p> <p>CHECKED BY:</p> <p>SCALE: 3/16" = 1'-0"</p>	<p>FILE NAME: 5922F-2</p> <p>JOB #</p> <p>DATE: 06/14/10</p>	<p>STOCKTON YACHT CLUB MARINA</p> <p>SACRAMENTO DELTA - STOCKTON, CA</p> <p>PLAN # 5922F</p> <p>SHEET 2</p>
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ELEVATION VIEW-40' SLIPS

NO.	REVISION/DESCRIPTION	BY	DATE

<p>Atlantic Meseco <small>1501 S. DODD ST. #111 SHARISIA COMPANY WESTFORD, MASSACHUSETTS 01581 TEL: (508) 683-2813</small></p>		<p>FILE NAME: BR22F-3 JOB # FLAPP BR22F DATE 05/11/05 SHEET 3</p>
<p>DRAWING: J.D.N. CHECKED BY: SCALE 3/16" = 1'-0"</p>	<p>STOCKTON YACHT CLUB MARINA SACRAMENTO DELTA - STOCKTON, CA</p>	

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