

**Meeting of the Central Valley Flood Protection Board  
June 28, 2013**

**Staff Report – Encroachment Permit**

**Sacramento Yacht Club (SYC)  
Yolo County**

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**1.0 – ITEM**

Consider approval of Permit No. 17956-1 (Attachment B)

**2.0 – APPLICANT**

Sacramento Yacht Club (SYC)

**3.0 – LOCATION**

The project is located on the right levee of the Sacramento River, approximately 0.4 miles south of Linden Road and South River Road. (Sacramento River, Yolo County, see Attachment A).

**4.0 – DESCRIPTION**

Applicant proposes to install a steel casing through the levee to allow for periodic sediment removal from the Sacramento River (see Attachment C).

**5.0 – PROJECT ANALYSIS**

The applicant is proposing to install an 8-inch steel pipe casing through the levee to allow for sediment removal from the floodway. The sediment will be removed using a 3-inch pressurized pipe through the 8-inch steel casing on an annual basis from August 1st through November 1st. Permit No. 17956-GM issued on June 27, 2005 authorized the removal of sediment from the floodway on an annual basis. The addition of the steel casing will help simplify the sediment removal process. The steel casing will be installed above the design water surface elevation with a minimum cover of 24-inches. This project conforms to all applicable Title 23 standards.

## **5.1 – Hydraulic Analysis**

The proposed project will be a benefit to the flood control project by removing sediment from the floodway to maintain channel capacity. The scope of work for this project does not require a hydraulic analysis and has no significant hydraulic impacts.

## **5.2 – Geotechnical Analysis**

The scope of work for this project does not require a geotechnical analysis.

## **6.0 – AGENCY COMMENTS AND ENDORSEMENTS**

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

- The U.S. Army Corps of Engineers 208.10 comment letter has not been received for this application. Staff anticipates receipt of a letter indicating that the USACE District Engineer has no objection to the project, subject to conditions. Upon receipt of the letter, staff will review to ensure conformity with the permit language and incorporate it into the permit as Exhibit A.
- Reclamation District 900 (RD 900) endorsed the project with no conditions.

## **7.0 – CEQA ANALYSIS**

Board staff has prepared the following California Environmental Quality Act (CEQA) determination:

The Board determined that the project is categorically exempt from CEQA under a Class 3 Categorical Exemption (CEQA Guidelines Section 15303) covering new construction of small structures.

## **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 proposed under this permit as regulated by Title 23 have been applied to the review of this permit.*

- 3. Effects of the decision on facilities of the State Plan of Flood Control, and consistency of the proposed project with the Central Valley Flood Protection Plan as adopted by Board Resolution 2012-25 on June 29, 2012:

*This project has no adverse effects on facilities of the State Plan of Flood Control and is consistent with the Central Valley Flood Protection Plan.*

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

*There will be no effects to the proposed project from reasonable projected future events.*

**9.0 – STAFF RECOMMENDATION**

Staff recommends that the Board adopt the CEQA findings and approve the permit, conditioned upon receipt of a U.S. Army Corps of Engineers comment letter indicating that the District Engineer has no objection to the project, subject to conditions, and direct staff to file a Notice of Exemption with the State Clearinghouse.

**10.0 – LIST OF ATTACHMENTS**

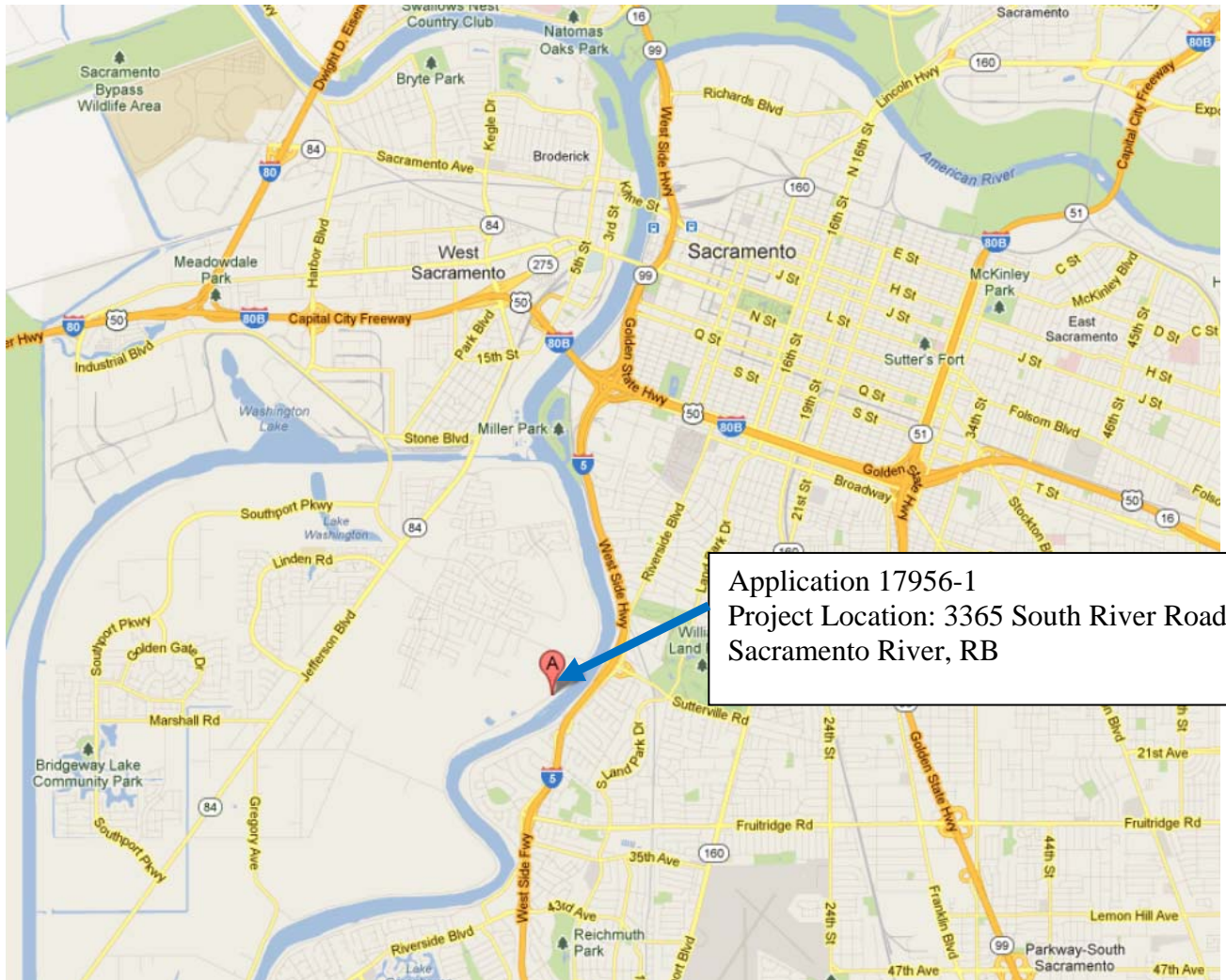
- A. Location Maps and Photos
- B. Draft Permit No. 17956-1
- C. Design Drawings

Design Review:	Angeles Caliso
Environmental Review:	James Herota, Andrea Mauro
Document Review:	Gary Lemon P.E., Len Marino P.E.

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# ATTACHMENT A

## Project Vicinity

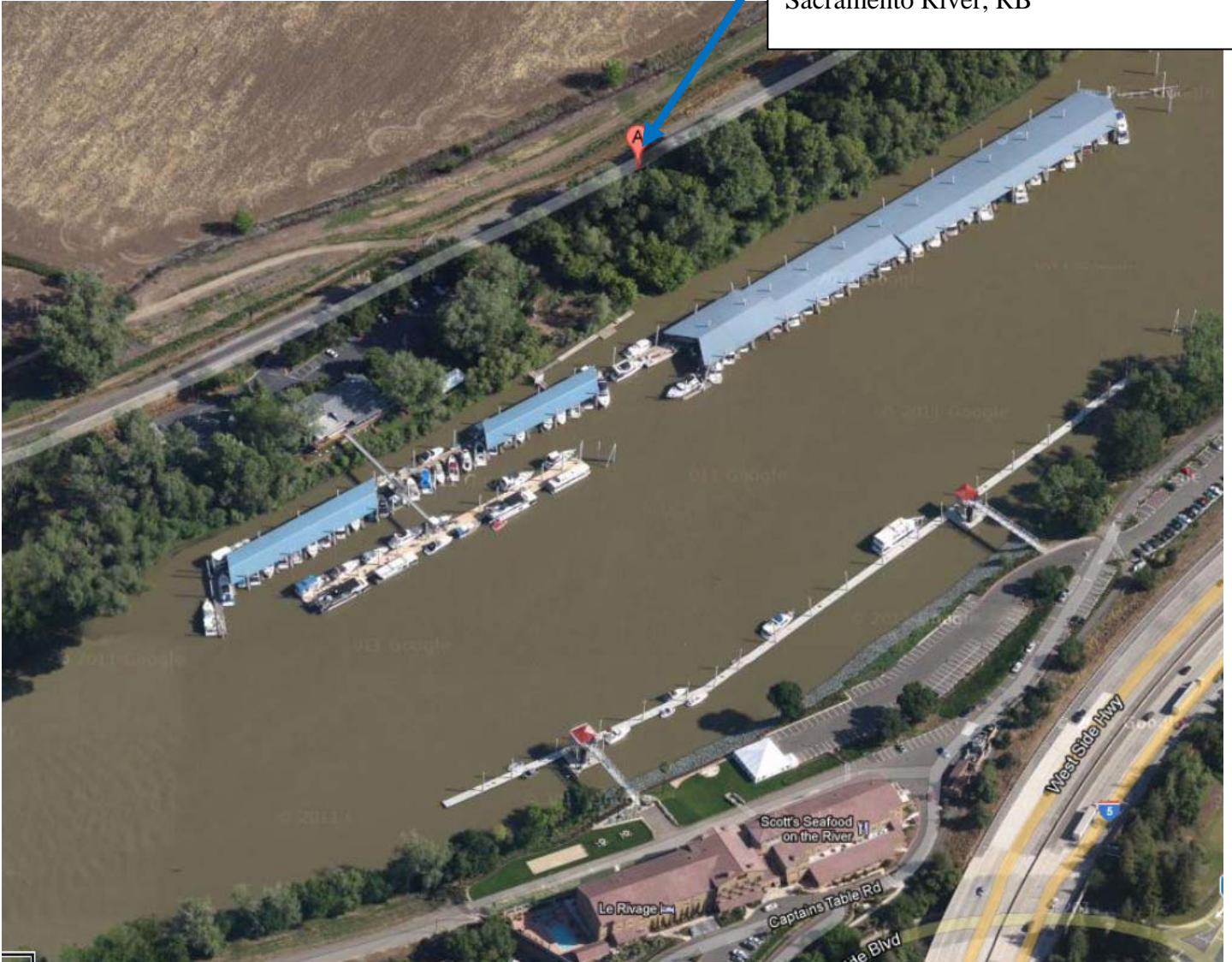


Application 17956-1  
Project Location: 3365 South River Road  
Sacramento River, RB

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**Project Location**

Application 17956-1  
Project Location: 3365 South River Road  
Sacramento River, RB



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# ATTACHMENT A

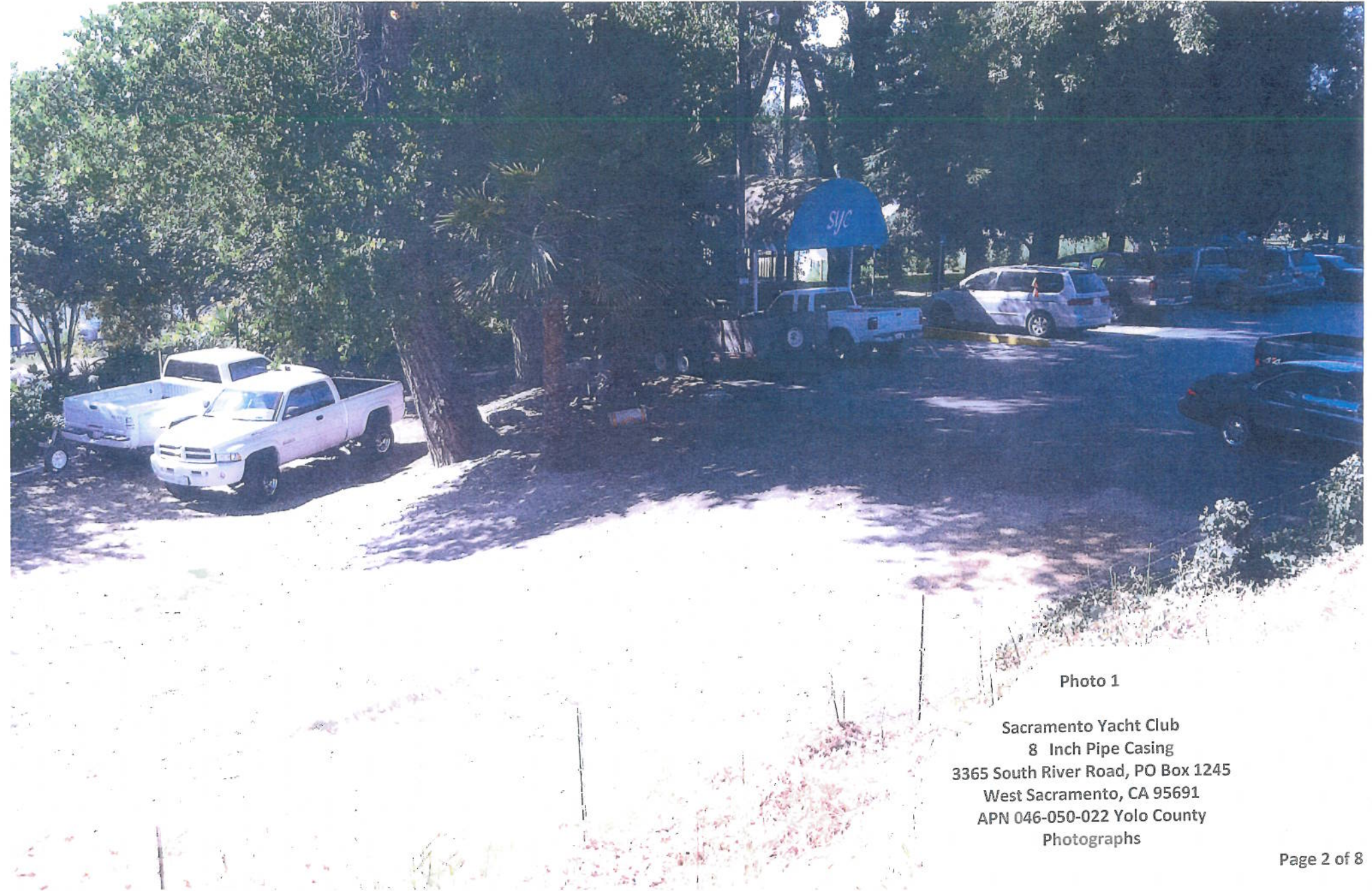


Photo 1

Sacramento Yacht Club  
8 Inch Pipe Casing  
3365 South River Road, PO Box 1245  
West Sacramento, CA 95691  
APN 046-050-022 Yolo County  
Photographs



**ATTACHMENT A**



**Photo 2**

**Sacramento Yacht Club  
8 Inch Pipe Casing  
3365 South River Road, PO Box 1245  
West Sacramento, CA 95691  
APN 046-050-022 Yolo County  
Photographs**



# ATTACHMENT A



Photo 3

Sacramento Yacht Club  
8 Inch Pipe Casing  
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Photographs



# ATTACHMENT A



Photo 4

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Photographs

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

**PERMIT NO. 17956-1 BD**

**This Permit is issued to:**

Sacramento Yacht Club  
3365 South River Road  
West Sacramento, California 95691

To install an 8 inch steel casing through the levee to use a 3-inch pressurized pipe to remove silt from dredged material outside of the floodway. The project is located on the right levee of the Sacramento River, approximately 0.4 miles south of the Linden Road and South River Road intersection in Yolo County. (Section , T8N, R4E, MDB&M, Reclamation District 900, Sacramento River, Yolo 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.

# ATTACHMENT B

**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. 17956-1 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 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.

**FIFTEEN:** 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.

**SIXTEEN:** The Central Valley Flood Protection Board, Department of Water Resources, and Reclamation District No. 900 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.

**SEVENTEEN:** No construction work of any kind shall be done during the flood season from



# ATTACHMENT B

November 1st to April 15th without prior approval of the Central Valley Flood Protection Board.

EIGHTEEN: Upon receipt of a signed copy of the issued permit 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.

NINETEEN: The steel casing shall be installed through the levee section at a right angle to the centerline of the levee.

TWENTY: A flap gate shall be installed on both ends of the pipe.

TWENTY-ONE: The pipe shall be buried at least 24 inches below the levee crown.

TWENTY-TWO: Backfill material for excavations within the levee section shall be placed in 4- to 6-inch layers, moisture conditioned above optimum moisture content, and compacted to a minimum of 90 percent relative compaction as measured by ASTM Method D1557-91.

TWENTY-THREE: Sediment removed from the floodway shall be located off the levee section and a minimum distance of 15 feet from the lanside levee toe.

TWENTY-FOUR: All debris generated by this project shall be disposed of outside the project works.

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

TWENTY-SIX: 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, Reclamation District No. 900 or any other agency responsible for maintenance.

TWENTY-SEVEN: The permitted encroachment(s) shall not interfere with operation and maintenance of the flood control project. If the permitted encroachment(s) are determined by any agency responsible for operation or maintenance of the flood control project to interfere, the permittee shall be required, at permittee's cost and expense, to modify or remove the permitted encroachment(s) under direction of the Central Valley Flood Protection Board or Department of Water Resources. If the permittee does not comply, the Central Valley Flood Protection Board may modify or remove the encroachment(s) at the permittee's expense.

TWENTY-EIGHT: 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.

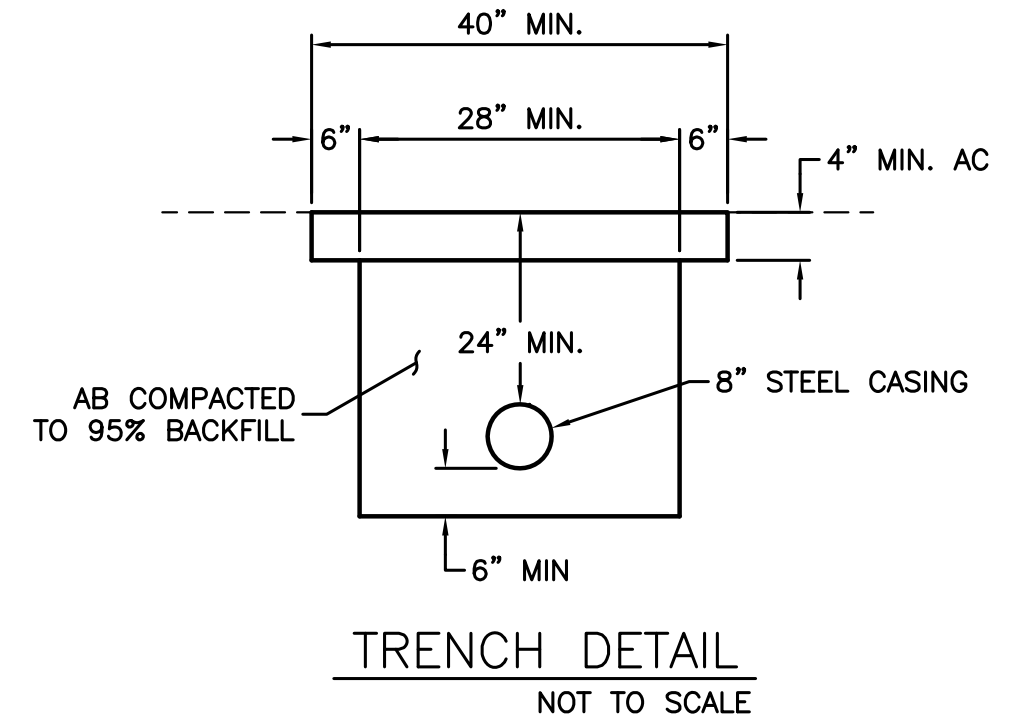
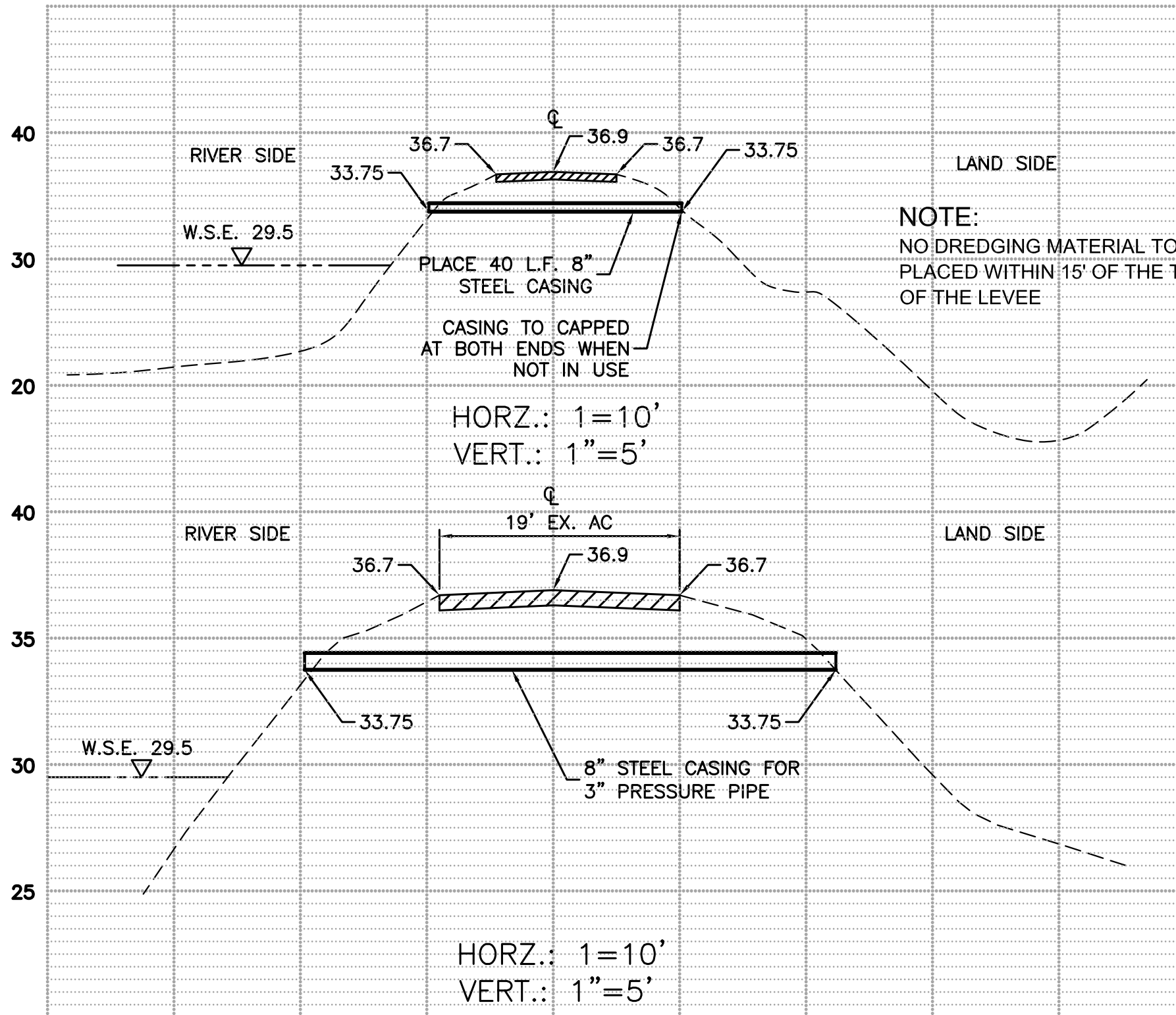
TWENTY-NINE: If the project, or any portion thereof, is to be abandoned in the future, the permittee or successor shall abandon the project under direction of the Central Valley Flood Protection Board and Department of Water Resources, at the permittee's or successor's cost and expense.

# ATTACHMENT B

THIRTY: The permittee shall comply with all conditions set forth in the letter from the Department of the Army dated MONTH XX, 2013, which is attached to this permit as Exhibit A and is incorporated by reference.



# ATTACHMENT C



Elevation Datum NGVD 1929

Lat. Lon. NAD1927

REVISED: 04-25-13

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8 Inch Pipe Casing  
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