

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

**Staff Report – Encroachment Permit**

**Pacific Gas & Electric Company (PG&E)  
Permanent Power Line Relocation, Yuba County**

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**1.0 – ITEM**

Consider approval of Permit No. 18695 (Attachment B)

**2.0 – APPLICANT**

Pacific Gas & Electric (PG&E)

**3.0 – LOCATION**

The project is located along the left (south) bank levee of the Yuba River.  
(Yuba River, Yuba County, see Attachment A)

**4.0 – DESCRIPTION**

Applicant proposes authorization of the permanent relocation of approximately 2,500 linear feet of temporary existing power line running parallel to the levee. These existing power lines are currently 10 feet from the waterside levee toe. They will be relocated to approximately 15 feet waterward of the waterside levee toe.

**5.0 – PROJECT ANALYSIS**

The project is required as part of the Upper Yuba River Levee Improvement Project, which was approved under Permit 18577. A letter of authorization, dated June 17, 2011, authorized relocation of an existing PG&E power line to a temporary alignment 10 feet waterward of the waterside levee toe. (See attachment C)

The permanent relocation project will be included as part of a combined power line alignment located outside of the 15-foot waterside O&M corridor ranging from project

station 194+70 to 213+75. The line would then be buried within the outside 5 feet of the 15-foot O&M corridor from station 213+75 to 216+30. From station 216+30 to 219+40, there will be a complete relocation of the power line on new poles located outside of the 15-foot waterside O&M corridor.

No construction work is allowed until an easement from the fee owner of the property has been granted to PG&E and potentially the SSJDD for the additional easements required for this project by the PUC and administered by the DWR Real Estate Branch for any additional easements to the SSJDD.

### **5.1 – Hydraulic Analysis**

A hydraulic analysis is not needed as the existing poles are being relocated.

### **5.2 – Geotechnical Analysis**

A geotechnical analysis is not needed for replacement of power poles.

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

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

Reclamation District 784 has endorsed this project in a letter dated 8-2-2011 which is attached to the permit as Exhibit A and is included by reference.

The U. S. Army Corps of Engineers 208.10 letter has not yet been received for this application. Upon receipt of a favorable letter and review by Board staff the letter will be incorporated into the permit as Exhibit B.

## **7.0 – CEQA ANALYSIS**

Board staff has prepared the following CEQA Findings:

Three Rivers Levee Improvement Authority, as the Lead Agency under CEQA, has prepared the Initial Study, Mitigated Negative Declaration (IS/MND) (State Clearinghouse No: 2010022039, February 2010) and Mitigation Monitoring and Reporting Plan (MMRP) for the Upper Yuba Levee Improvement Project. These documents including project design and Three Rivers Levee Improvement Authority

resolutions may be viewed or downloaded from the Central Valley Flood Protection Board website at <http://www.cvfpb.ca.gov/meetings/2012/01-27-2012.cfm> under a link for this agenda item. The documents are also available for review in hard copy at the Board and TRLIA offices.

The Board, as a Responsible Agency under CEQA, independently reviewed the Upper Yuba Levee Improvement Project. The IS/MND considered impacts to utilities, including relocation of existing poles. The Three Rivers Levee Improvement Authority determined that the project would not have a significant effect on the environment and adopted Resolution 2010-01 on April 20, 2010. Board staff finds that although the proposed project could have a potentially significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. The project proponent has incorporated mandatory mitigation measures into the project plans to avoid identified impacts or to mitigate such impacts to a point where no significant impacts will occur. These mitigation measures are included in the project proponent's MMRP and address impacts to air quality, biological resources, cultural resources and geology, hazardous materials, hydrology, noise, and transportation. The description of the mitigation measures are further described in the adopted MMRP.

## **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 the entire State Plan of Flood Control:

There are no effects on the entire State Plan of Flood Control.

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

There should be no effects to the project resulting from reasonable projected future events.

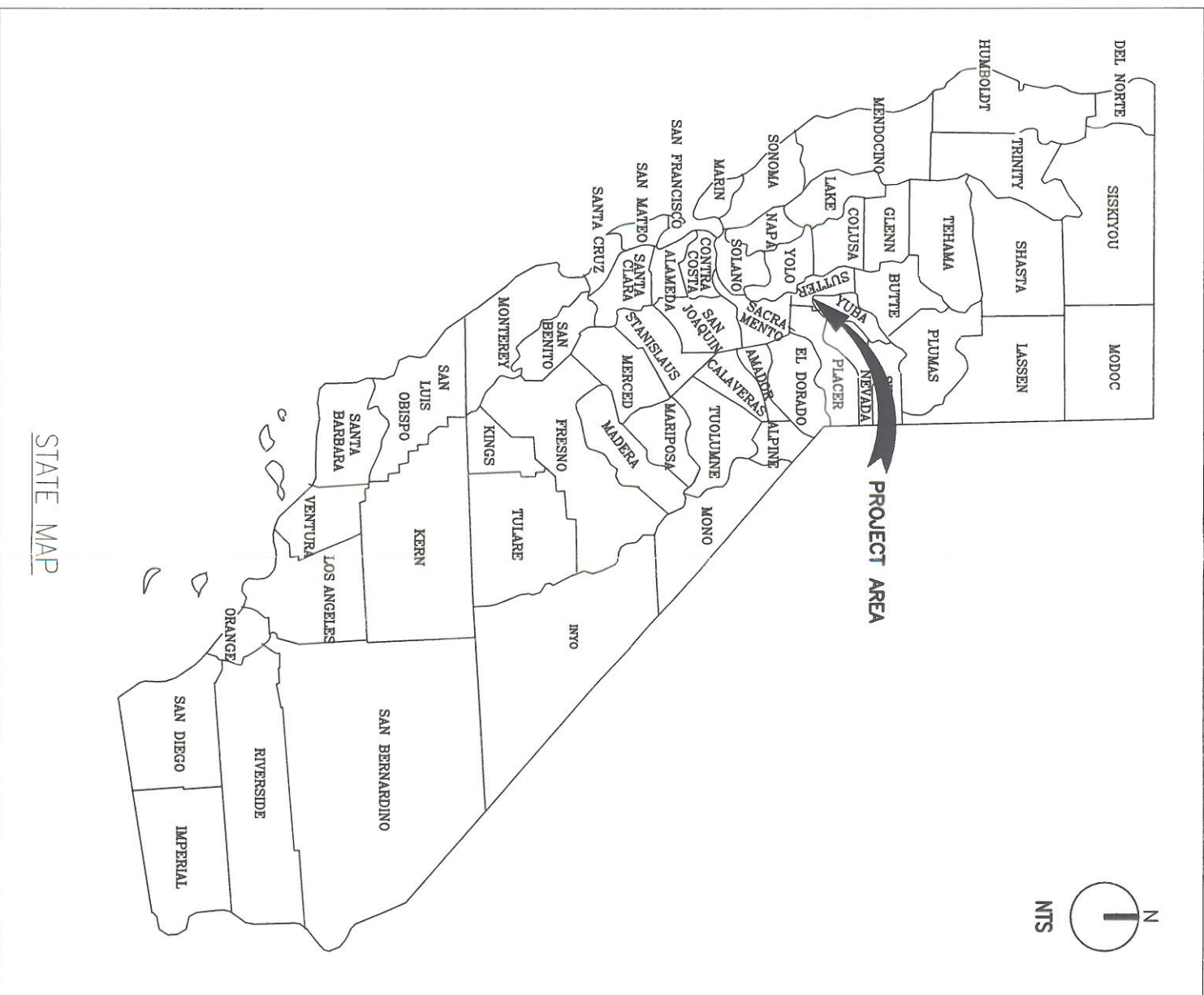
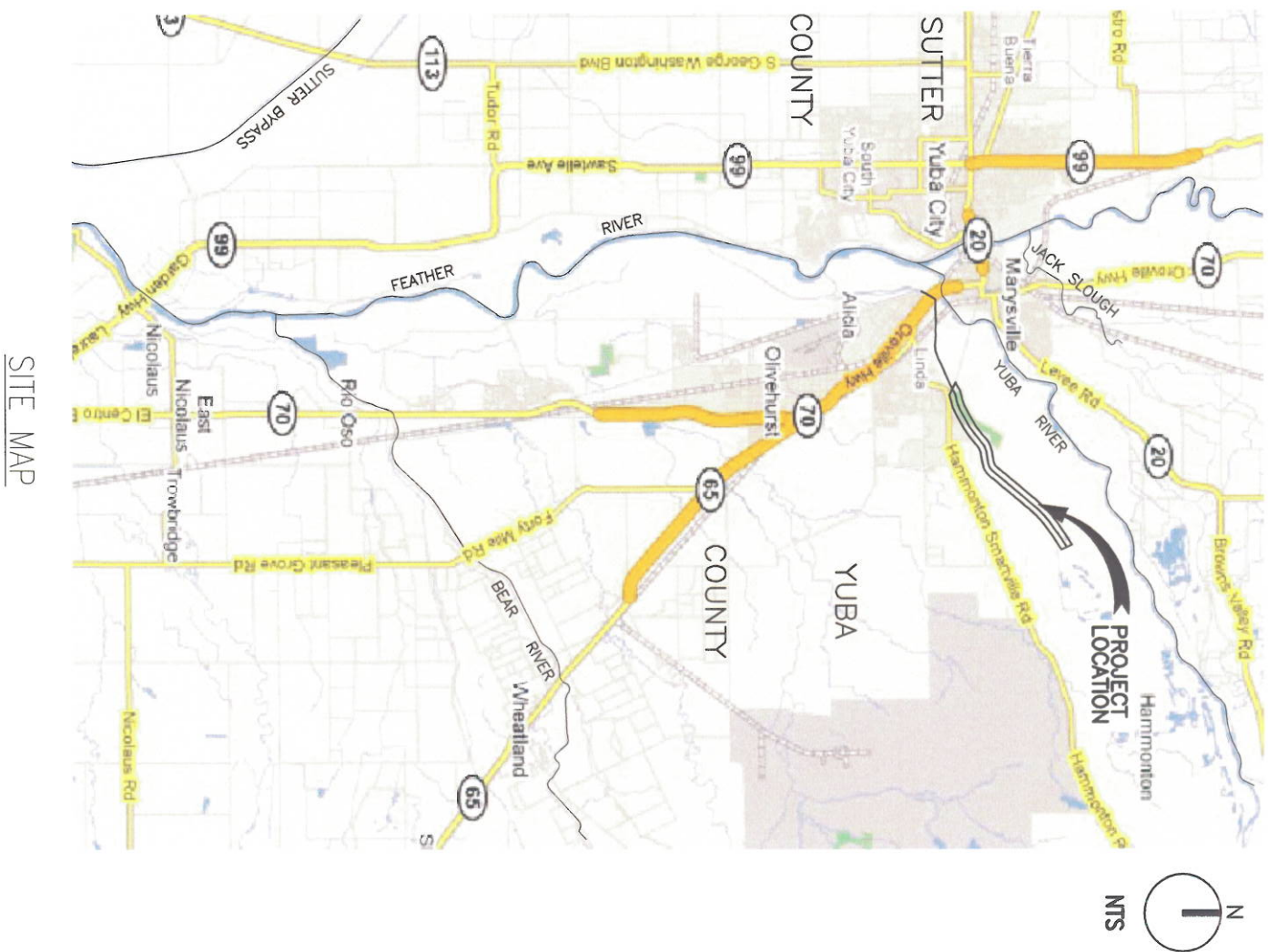
## **9.0 – STAFF RECOMMENDATION**

Staff recommends that the Board adopt the CEQA findings and direct staff to file a Notice of Determination with the State Clearinghouse and upon receipt of a letter from the USACE indicating no objections to the project, direct the Executive Officer to issue the permit.

## **10.0 – LIST OF ATTACHMENTS**

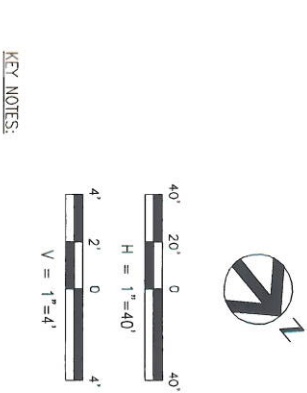
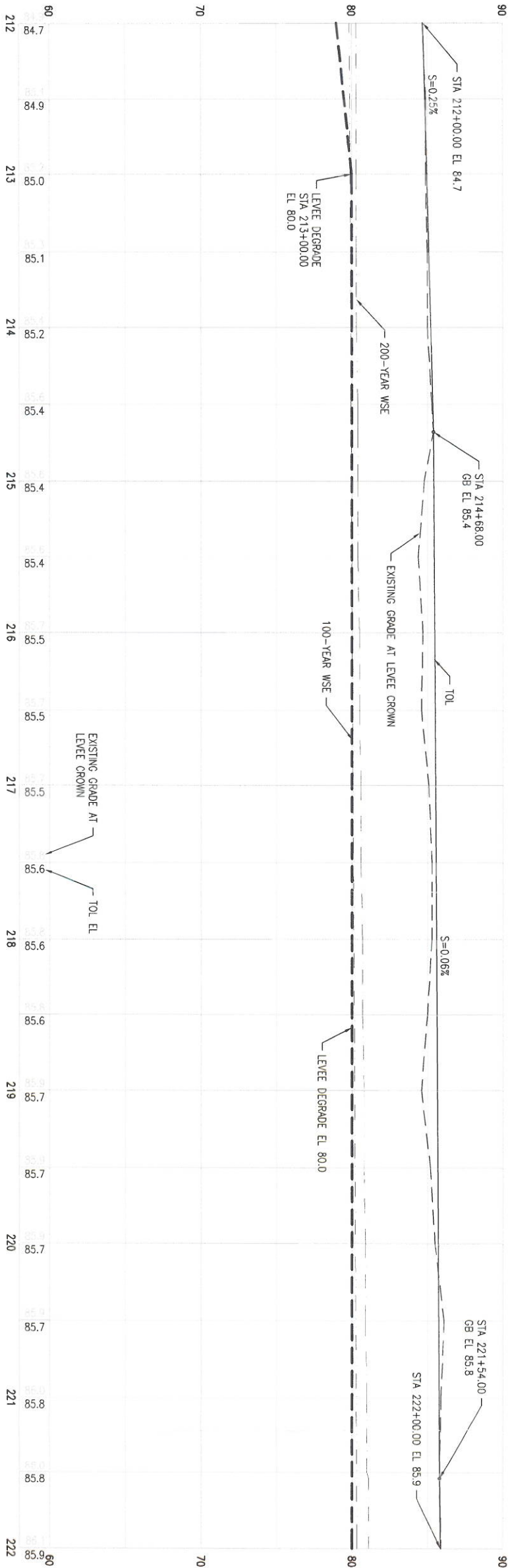
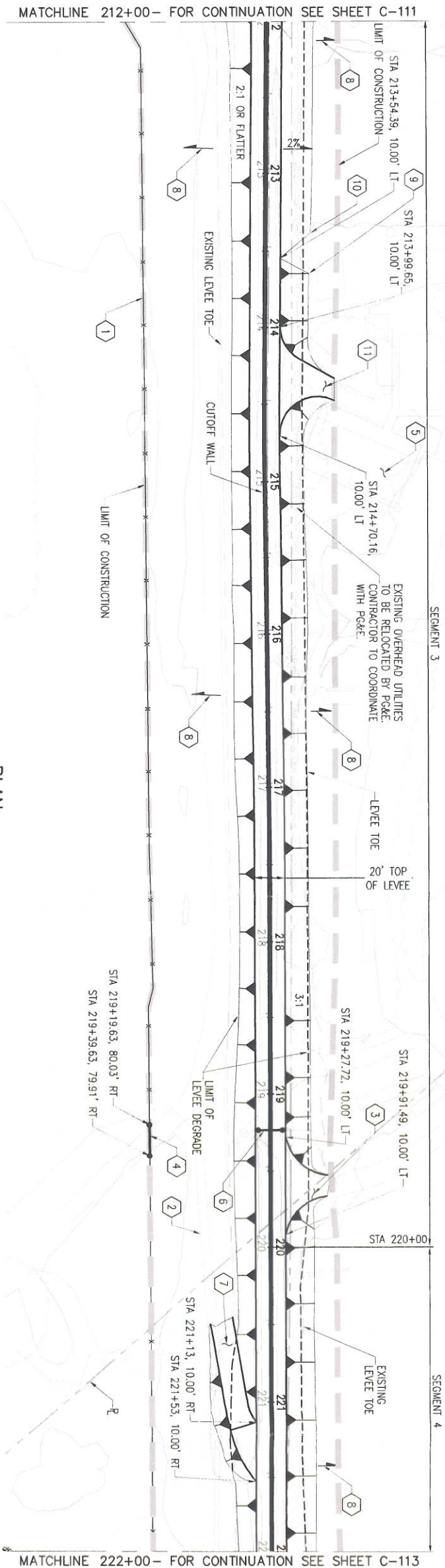
- A. Location Maps and photos
- B. Draft Permit No. 18577-1
- C. Work Authorization Letter

Design Review:	Steve Dawson
Environmental Review:	James Herota and Andrea Mauro
Document Review:	Mitra Emami P.E., Len Marino P.E.




### Figure 1 Project Location and Vicinity





ISSUED FOR BID  
APRIL 11, 2011



**HDR**  
HERE Engineering, Inc.

ISSUE	DATE	DESCRIPTION

PROJECT MANAGER: J. MACK	
DESIGNED BY:	L. JONES
DRAWN BY:	R. DOUGLAS
CHECKED BY:	B. JOHNSON
TECHNICAL LEAD:	D. JABBOUR

PROJECT NUMBER: 201064-91273	

Three Rivers Levee Improvement Authority

TRLIA Phase 4

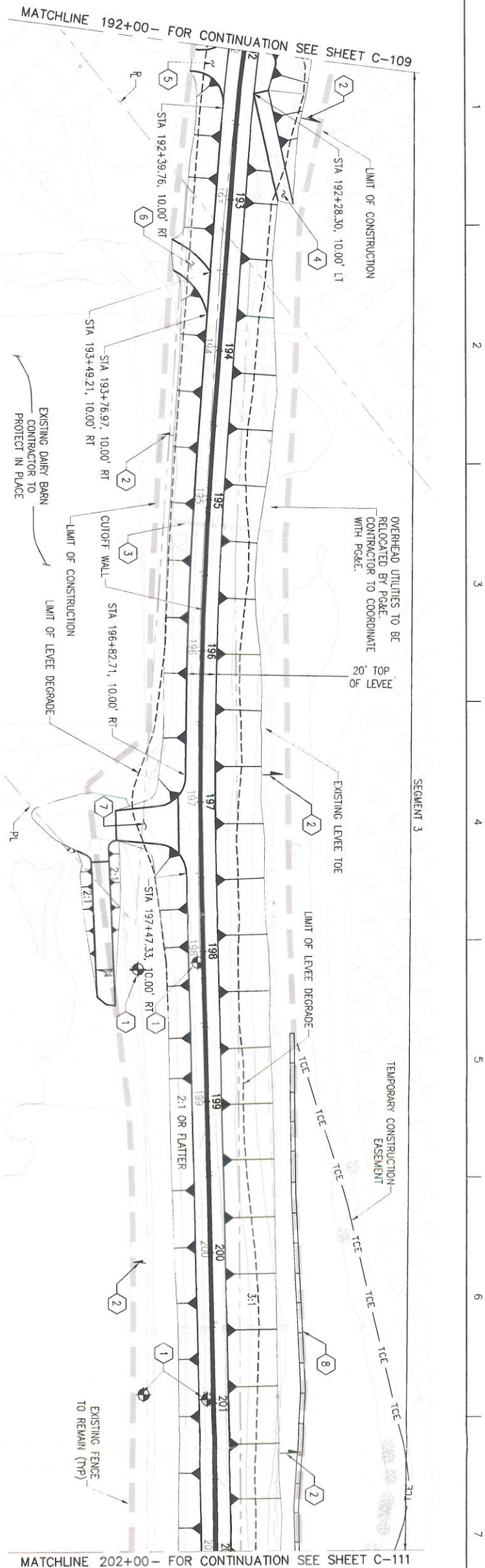
Yuba River South Levee

Upper Yuba Levee Improvement Project

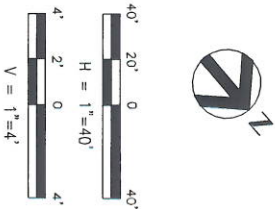
(PLM 2.2 to 6.1 / STA 102+00 to 303+59)

PLAN AND PROFILE	
STATION 212+00 TO 222+00	
FILENAME	00C-112.dwg
SCALE	AS SHOWN
SHEET	C-112





PLAN



KEY NOTES:



1. PIZOMETER SHOWN FOR REFERENCE ONLY. TO BE CONSTRUCTED BY OTHERS (NAPORTC).
2. GRADE TO DRAIN, 2% MINIMUM SLOPE PER DETAILS SHOWN ON SHEETS C-300 TO C-304.
3. EXISTING PIPE, HEADER AND STAND PIPE TO BE REMOVED AND WASTED.
4. SEE SHEET C-124 FOR RAMP #2 CONSTRUCTION DETAIL.
5. SEE SHEET C-124 FOR RAMP #3 CONSTRUCTION DETAIL.
6. SEE SHEET C-125 FOR RAMP #4 CONSTRUCTION DETAIL.
7. SEE SHEET C-125 FOR RAMP #5 CONSTRUCTION DETAIL.
8. PLACE CALTRANS STD TYPE 60 K BARRIER, OR APPROVED EQUAL, AT THE LIMIT OF CONSTRUCTION FROM STA. 198+60 TO 202+50 AS SHOWN. K BARRIER REQUIRED ONLY IF CONSTRUCTION ACTIVITIES WILL OCCUR WITHIN 100 FT OF EXISTING ELDERBERRY SHRUBS PRIOR TO JUNE 16TH, 2011. K BARRIERS MAY BE REMOVED AFTER JUNE 16TH, 2011. ORANGE FENCING MUST BE INSTALLED @ DRIPLINE OF EXISTING ELDERBERRY SHRUBS FROM JUNE 16TH, 2011 UNTIL END OF CONSTRUCTION IF K BARRIER IS NOT IN PLACE.

SHEET NOTES:

1. REMOVE EXISTING AGGREGATE BASE FROM LEVEE CROWN PER CLEAR AND GRUBB SPECIFICATIONS FROM STA. 103+00 TO 303+59. AFTER CONSTRUCTION OF NEW LEVEE CROWN, ROADWAY SURFACE SHALL BE RESTORED PER DETAIL ON SHEET C-304.
2. SEE SHEETS C-600 TO C-605 FOR CUTOFF WALL DEPTH ELEVATIONS.
3. THE EXISTING LEVEE CENTERLINE AND PROPOSED LEVEE CENTERLINE ARE BOTH SHOWN IN PLAN VIEW.

ISSUED FOR BID  
APRIL 11, 2011

PROFILE

		
 HDR Engineering, Inc.		
PROJECT MANAGER	J. MACK	
DESIGNED BY	L. JONES	
DRAWN BY	R. DOUGLAS	
CHECKED BY	B. JOHNSON	
TECHNICAL LEAD	D. JABBOUR	
ISSUE	DATE	DESCRIPTION
PROJECT NUMBER	201064-91273	

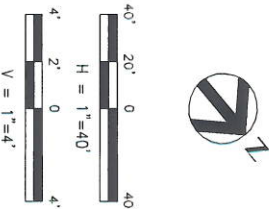
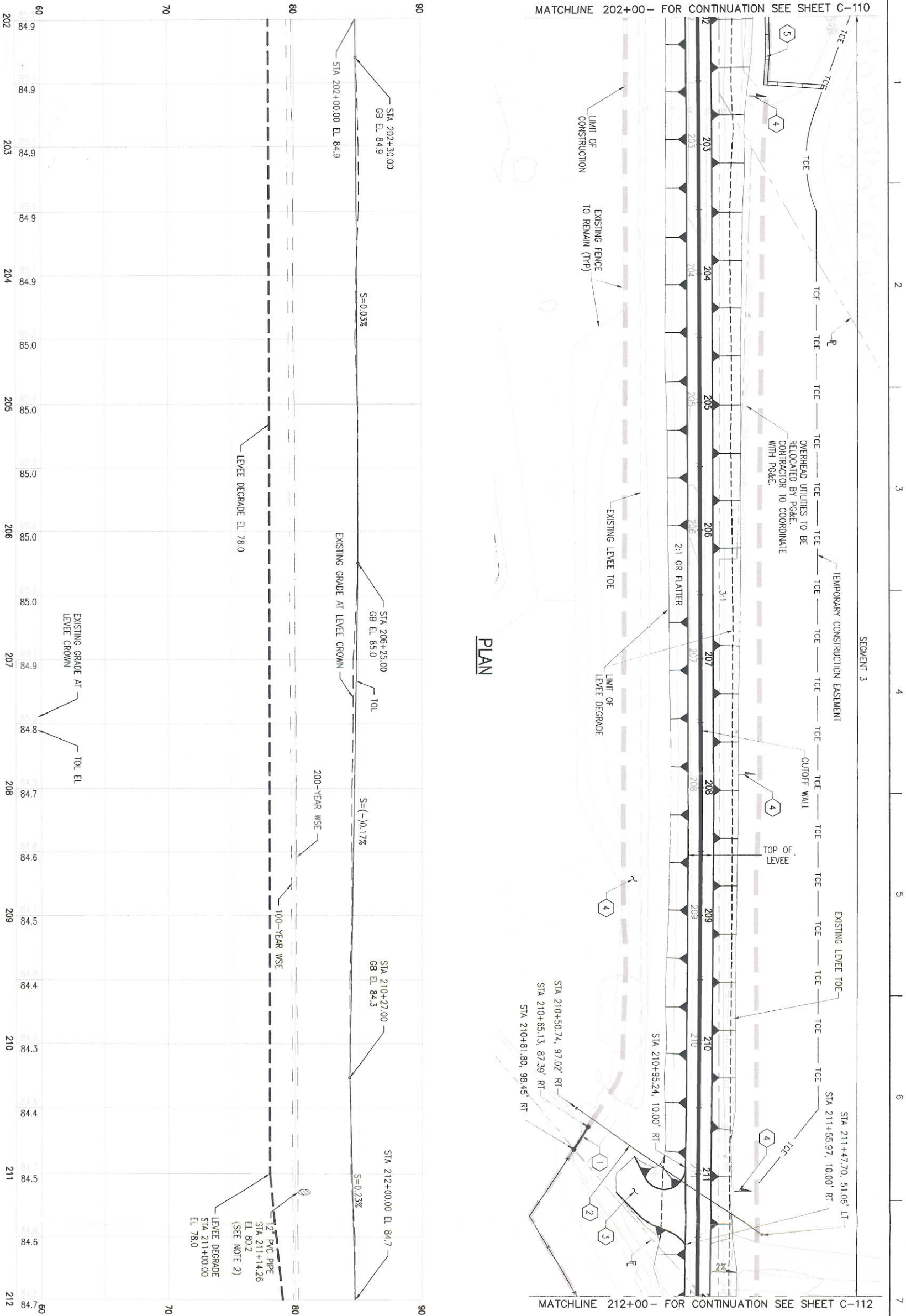


Three Rivers Levee Improvement Authority  
TRLIA Phase 4  
Yuba River South Levee  
Upper Yuba Levee Improvement Project  
(PLM 2.2 to 6.1 / STA 102+00 to 303+59)

PLAN AND PROFILE  
STATION 192+00 TO 202+00

FILENAME	00C-110.dwg	SHEET
SCALE	AS SHOWN	C-110





KEY NOTES:

- 1 PLACE 20' WIDE PIPE GATE PER DETAIL ON SHEET C-328.
- 2 12" PVC IRRIGATION PIPE CROSSING. SEE SHEET C-325.
- 3 SEE SHEET C-128 FOR RAMP #6 CONSTRUCTION DETAIL.
- 4 GRADE TO DRAIN, 2% MINIMUM SLOPE PER DETAILS SHOWN ON SHEETS C-300 TO C-304.
- 5 PLACE CALTRANS STD TYPE 60 K BARRIER, OR APPROVED EQUAL, AT THE LIMIT OF CONSTRUCTION FROM STA 196+60 TO 202+50 AS SHOWN. K BARRIER REQUIRED ONLY IF CONSTRUCTION ACTIVITIES WILL OCCUR WITHIN 100 FT OF EXISTING ELDERBERRY SHRUBS PRIOR TO JUNE 16TH, 2011. K BARRIERS MAY BE REMOVED AFTER JUNE 16TH, 2011. ORANGE FENCING MUST BE INSTALLED @ DRAPLINE OF EXISTING ELDERBERRY SHRUBS FROM JUNE 16TH, 2011 UNTIL END OF CONSTRUCTION IF K BARRIER IS NOT IN PLACE.

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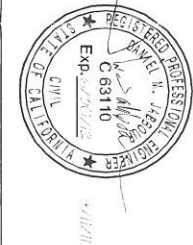
ISSUED FOR BID  
APRIL 11, 2011

PLAN AND PROFILE

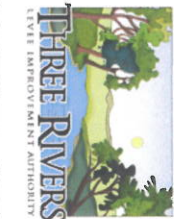
STATION 202+00 TO 212+00

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SCALE	AS SHOWN	C-111

PROJECT MANAGER J. MACK		
DESIGNED BY L. JONES		
DRAWN BY R. DOUGLAS		
CHECKED BY B. JOHNSON		
TECHNICAL LEAD D. JABBOUR		
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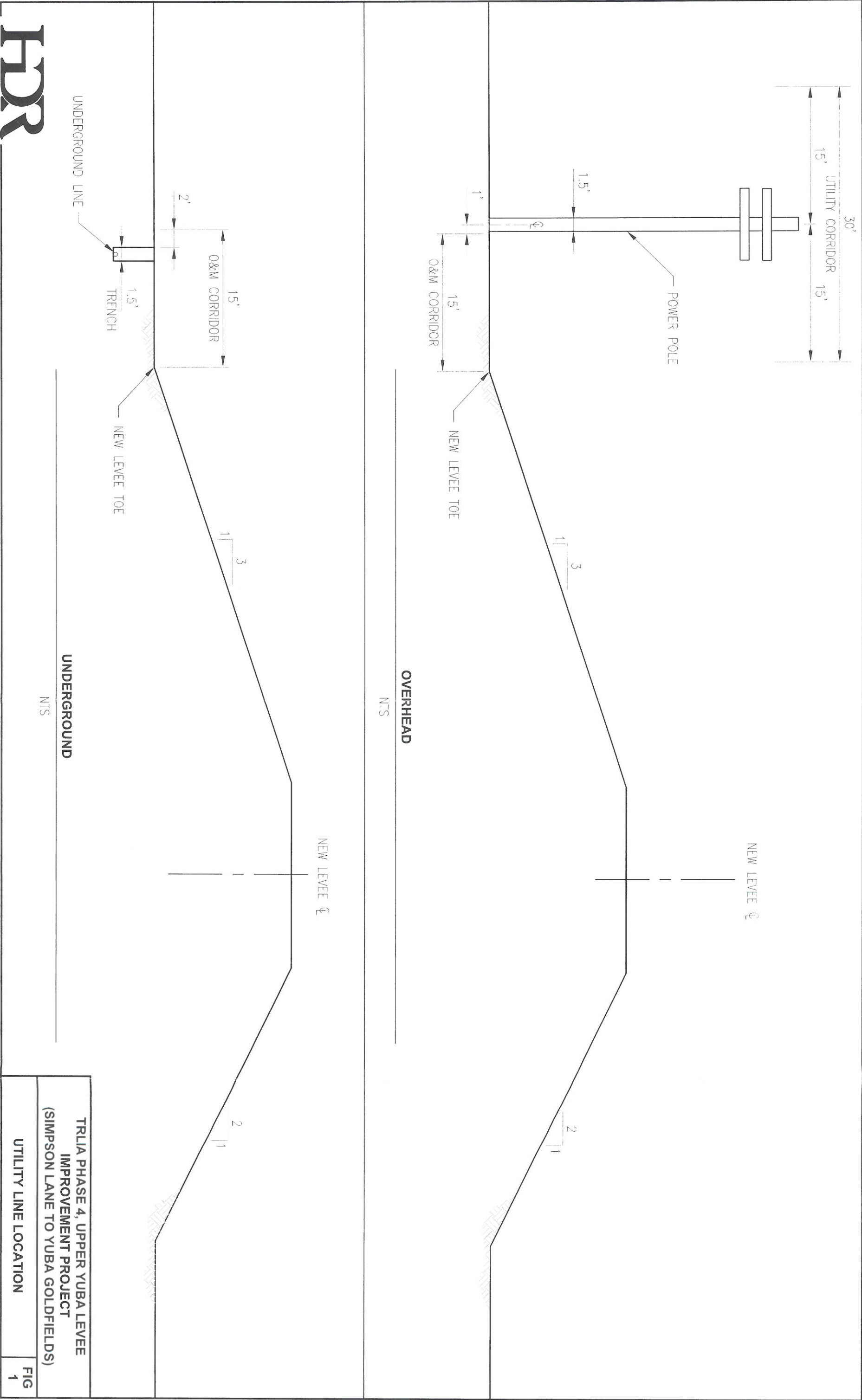


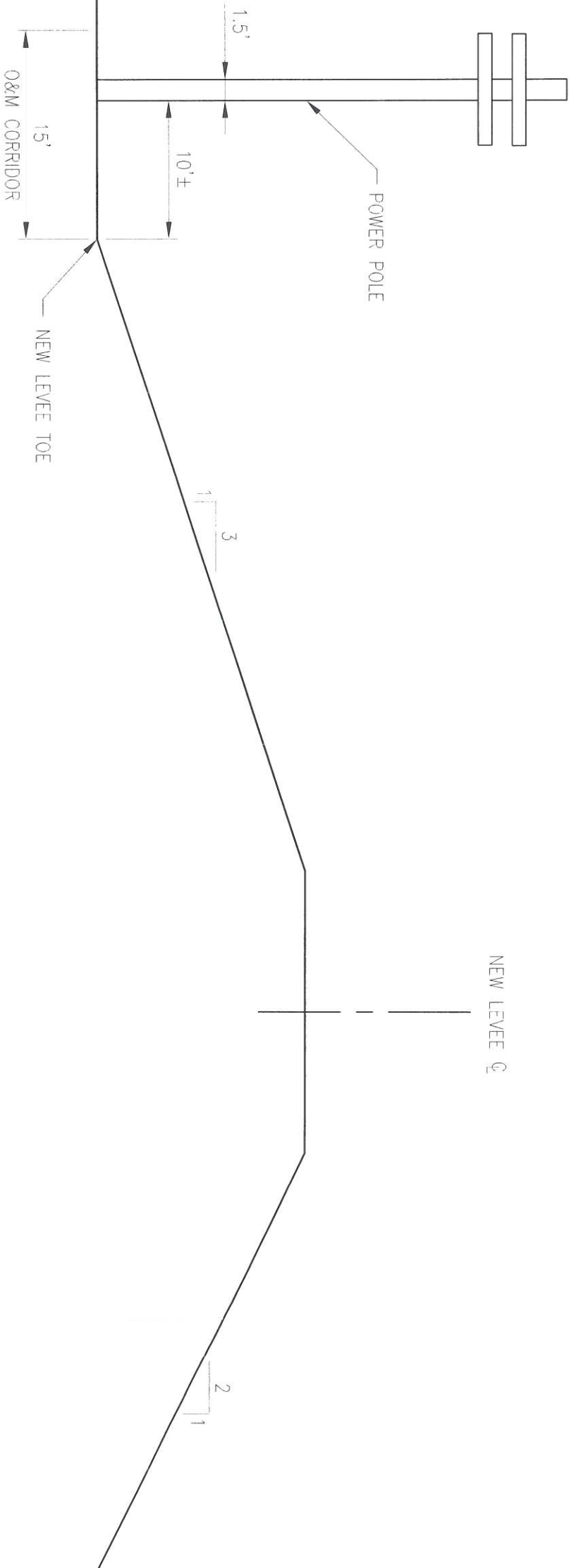
Three Rivers Levee Improvement Authority  
TRLIA Phase 4  
Yuba River South Levee  
Upper Yuba Levee Improvement Project  
(PLM 2.2 to 6.1 / STA 102+00 to 303+59)



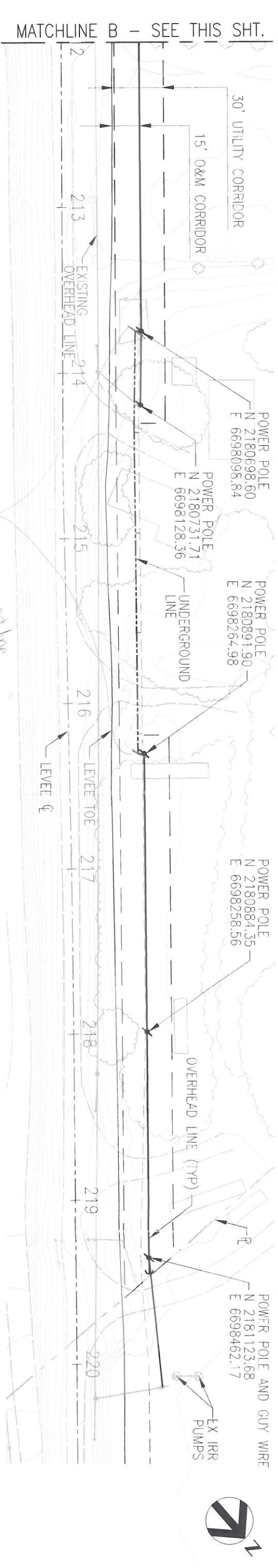
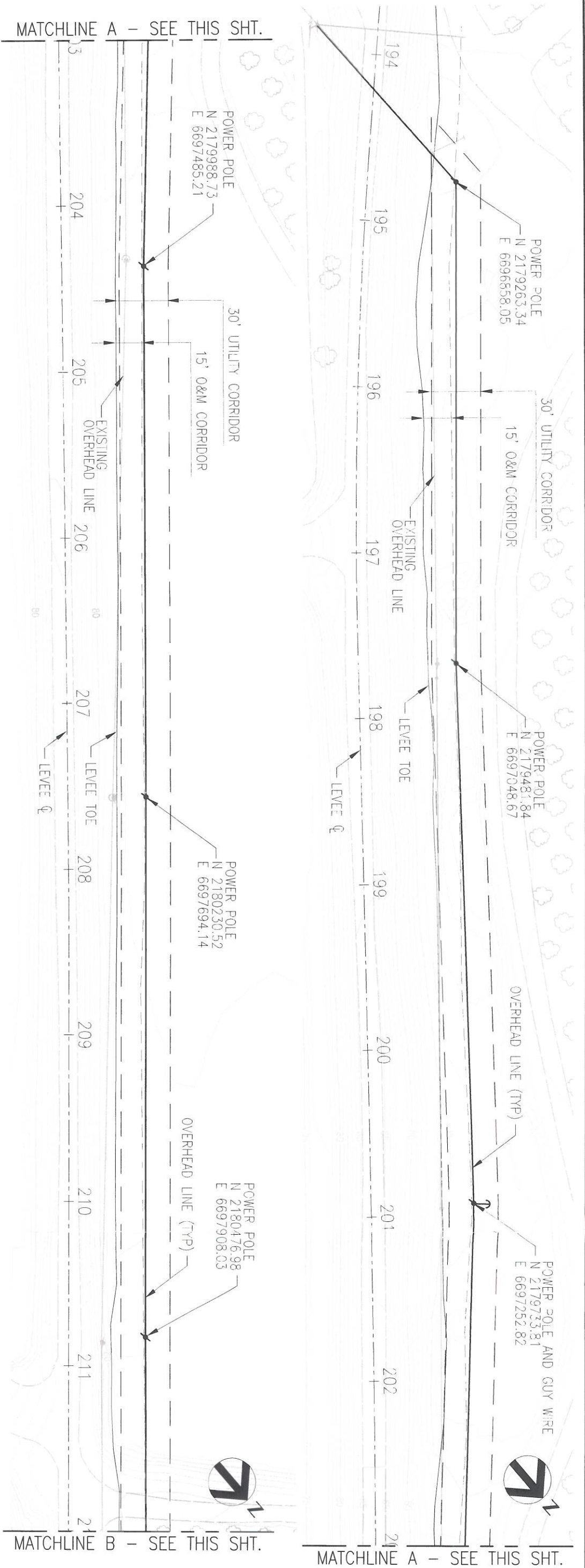
HDR  
HDR Engineering, Inc.







TRLIA PHASE 4, UPPER YUBA LEVEE IMPROVEMENT PROJECT (SIMPSON LANE TO YUBA GOLDFIELDS)	
TEMPORARY POWER POLE LOCATIONS	FIG 1



~ 250' of underground line  
MS  
4/23/11



SCALE: 1"=60'

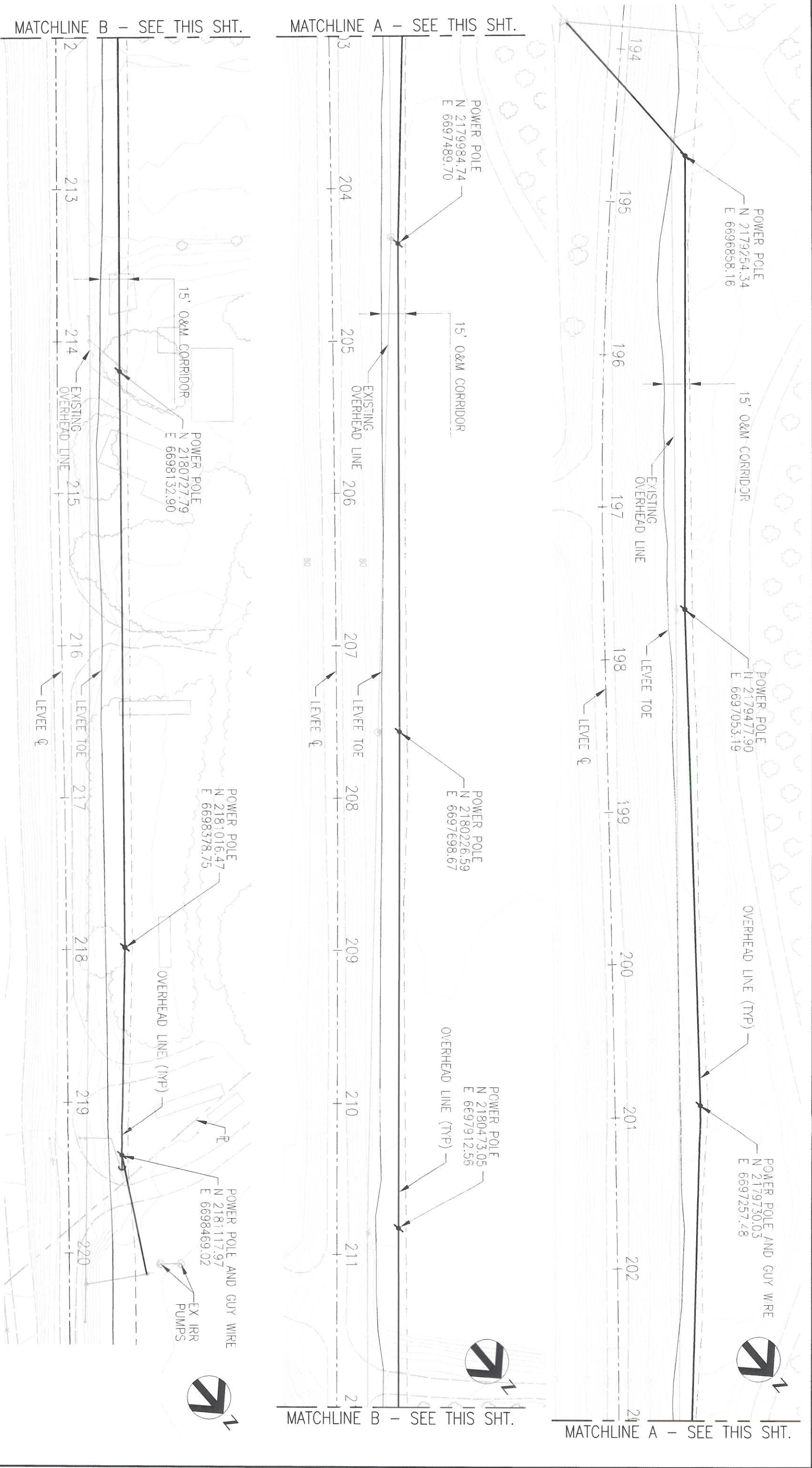
HDR

TRLIA PHASE 4, UPPER YUBA LEVEE  
IMPROVEMENT PROJECT  
(SIMPSON LANE TO YUBA GOLDFIELDS)

POWER POLE LOCATION - UNDERGROUND

FIG  
2





SCALE: 1"=60'

HDR

TRLIA PHASE 4, UPPER YUBA LEVEE  
IMPROVEMENT PROJECT  
(SIMPSON LANE TO YUBA GOLDFIELDS)

TEMPORARY POWER POLE LOCATION

FIG  
2





Station 195+00 Looking East Water Side



Station 195+00 Looking East Land Side





Station 214+00 Looking East Water Side



Station 221+00 Looking West Water Side





Station 227+00 Looking West Water Side



Station 227+00 Looking West Water Side

**DRAFT**

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

**PERMIT NO. 18695 BD**

**This Permit is issued to:**

PG&E  
2730 Gateway Oaks Drive  
Suite 220  
Sacramento, California 95833

To authorize permanent relocation of approximately 2,500 linear feet of temporary existing power line running parallel to the levee. These existing power lines are currently 10 feet from the waterside levee toe. They will be relocated to approximately 15 feet waterward of the waterside levee toe. The proposed project is located southeast of Marysville along Simpson Dantoni Road between Griffith Avenue and Bryden Road, beginning at Levee Mile 1.75 and ending at Levee Mile 2.22 of Unit 7 in RD 784 along the left (south) bank levee of the Yuba River (Section 15, T15N, R4E, MDB&M, Reclamation District 784, Yuba River, Yuba 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. 18695 BD**

#### **THIRTEEN:**

No construction work is allowed until an easement from the fee owner of the property has been granted to PG&E and potentially the SSJDD for the additional easements required by the PUC and administered by the DWR Real Estate Branch for any additional easements to the SSJDD.

**FOURTEEN:** If the construction project extends onto land owned in fee and/or easement by the Sacramento and San Joaquin Drainage District acting by and through the Central Valley Flood Protection Board (Board), the permittee should secure an easement, license, or temporary entry permit from the Board prior to commencement of work. Contact Angelica Aguilar at (916) 653-5782.

**FIFTEEN:** 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.

**SIXTEEN:** 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 784 or any other agency responsible for maintenance.

**SEVENTEEN:** Upon receipt of a signed copy of the issued (not approved only) 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.

EIGHTEEN: The Central Valley Flood Protection Board, Department of Water Resources, and Reclamation District No. 784 shall not be held liable for any damages to the permitted encroachment(s) resulting from 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 should contact the U.S. Army Corps of Engineers, Sacramento District, Regulatory Branch, 1325 J Street, Sacramento, California 95814, telephone (916) 557-5250, as compliance with Section 10 of the Rivers and Harbors Act and/or Section 404 of the Clean Water Act may be required.

TWENTY-ONE: 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-TWO: 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.

TWENTY-THREE: 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.

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: No construction work of any kind shall be done during the flood season from November 1 to April 15 without prior approval of the Central Valley Flood Protection Board.

TWENTY-SIX: The proposed utility poles shall be located a minimum distance of 10 feet from the levee toe.

TWENTY-SEVEN: A minimum clearance of 21 feet shall be provided between the levee crown and

the overhead wire crossing. Power cables over 750 volts shall have a minimum clearance of 25 feet.

TWENTY-EIGHT: All debris that may accumulate around the poles and guy wires within the floodway shall be completely removed from the floodway following each flood season.

TWENTY-NINE: The voids left by the removal of the existing poles shall be backfilled and compacted to a density equal to that of the adjacent undisturbed material or filled with a CLSM. If CLSM is to be used and appropriate mix design of 150 PSI +/- 50 PSI shall be submitted and approved prior to construction. These requirements also apply to the voids remaining from installation of the new poles.

THIRTY: Cleared trees and brush shall be completely burned or removed from the floodway, and downed trees or brush shall not remain in the floodway during the flood season from November 1 to April 15.

THIRTY-ONE: The conduit shall be placed in the center of an open trench 2 feet wider than the diameter of the conduit.

THIRTY-TWO: The proposed conduit to be installed longitudinally along the waterside of the levee shall be installed a minimum of 10 feet from the waterside levee toe.

THIRTY-THREE: Backfill material for excavations shall be placed in 4- to 6-inch layers and compacted to at least the density of the adjacent, firm, undisturbed material.

THIRTY-FOUR: Any additional encroachment(s) in the floodway, on or over the levee section and within 10 feet of the landward levee toe require an approved permit from the Central Valley Flood Protection Board and shall be in compliance with the Central Valley Flood Protection Board's regulations (Title 23 California Code of Regulations).

THIRTY-FIVE: All debris generated by this project shall be disposed of outside the floodway and off the levee section.

THIRTY-SIX: The permittee shall comply with all conditions set forth in the letter from Reclamation District 784 dated 8-2-2011, which is attached to this permit as Exhibit A and is incorporated by reference.

THIRTY-SEVEN: The permittee shall comply with all conditions set forth in the letter from the Department of the Army dated January XX, 2012, which is attached to this permit as Exhibit B and is incorporated by reference.

**APPLICATION FOR A RECLAMATION BOARD ENCROACHMENT PERMIT**Application No. \_\_\_\_\_  
(For Office Use Only)

## 1. Description of proposed work:

Relocate 2,470 linear feet (Station 194+70 to 219+40) of an existing PG&E power line from the levee. The line will be temporarily relocated to a location 10 feet from the waterside toe during construction of the Upper Yuba Levee Improvement Project (UYLIP). Final relocation will be a combination of powerline 15 feet from the waterside toe and underground utility at the edge of the O&M corridor. Through agreement with PG&E, AT&T may place a communication line on the relocated power line. The relocation was included in the UYLIP plans approved as part of the approval of encroachment permit 18577 BD. See Attachment A for more detail of the relocation.

2. Location: Southeast of Marysville, Yuba County, in Section Section 15

Township: 15N (N) (S), Range 4E (W), M. D. B. & M.

3. PG&E of 2730 Gateway Oaks Drive  
Name of Applicant Address

Sacramento  
City

CA  
State

95833  
Zip Code

916-704-4370  
Telephone Number

N/A  
Fax Number

## 4. Endorsement: (of Reclamation District)

We, the Trustees of RD 784  
Name and District Number

approve this plan, subject to the following conditions:

☐ Conditions listed on back of this form☒ Conditions Attached☐ No Conditions

Trustee

Pick Brom

Date

8-2-11

Trustee

Date

5. Names and addresses of adjacent property owners sharing a common boundary with the land upon which the contents of this application apply. If additional space is required, list names and addresses on back of the application form or an attached sheet.

See Attachment A

Name

Address

Zip Code



Reclamation District No. 784 has the following conditions to be included on the Central Valley Flood Protection Board Encroachment Permit for the Yuba River South Levee PG&E power pole relocation. The relocation shall occur from Station 194+70 to 219+40 in accordance with improvement plans prepared by HDR for TRLIA. The conditions are as follows:

- All improvements shall meet or exceed Central Valley Flood Protection Board Title 23, Department of Water Resources, FEMA, and U.S Army Corps of Engineers Standards and requirements.
- All utilities shall be located no closer than twenty (20) feet from the landside or waterside toe of levee unless approved by the USACE and CVFPB. Documentation of such approval less than twenty (20) feet shall be provided to RD 784 for their records.
- All work endorsed by this permit shall be in accordance with the submitted drawings and specifications. No further work, other than approved by this permit, shall be done in the area without prior endorsement of Reclamation District No. 784.
- A copy of operation and maintenance manual shall be provided to Reclamation District No. 784 upon completion of the work. The O&M manual shall include provisions for annual inspection which meet or exceed the CVFPB, DWR, USACE, and RD 784 standards. The results of the annual inspection shall be provided to RD 784 no prior to November 1 each year.
- The encroachment permit shall include a provision that the permittee shall be required to remove or alter all or any part of the herein permitted project if removal or alteration 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 or successor does not comply, RD 784, USACE, and/or the CVFPB may remove or modify the herein permitted project at the permittee's expense.
- 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 and maintenance of the flood control project to interfere, the permittee shall be required, at permittee's or successor's sole cost and expense, to modify or remove the permitted encroachment(s).
- If the project or any portion thereof, is to be abandoned in the future, the permittee or successor shall abandon the project, at the permittee's or successor's sole cost and expense.
- A set of As-Built Mylar plans and specifications shall be provided to Reclamation District No. 784 upon completion of the work.
- A copy of the final Central Valley Flood Protection Board Permit shall be provided to Reclamation District No. 784 prior to any work.
- Reclamation District No. 784 shall be notified five (5) working days prior to any construction activities.

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

3310 El Camino Ave., Rm. 151  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682  
PERMITS: (916) 574-2380 FAX: (916) 574-0682



June 17, 2011

Mr. Paul G. Brunner, P. E.  
Executive Director  
Three Rivers Levee Improvement Authority  
1114 Yuba Street, Suite 218  
Marysville, California 95901

Subject: Work Authorization for Utilities Modifications/Relocations Associated with Permit No. 18577 BD, Upper Yuba Levee Improvement Project

Dear Mr. Brunner:

The Central Valley Flood Protection Board (CVFPB) staff has reviewed your request to carry out the proposed modifications and temporary relocation of the following Pacific Gas and Electric (PG&E) natural gas and electric power lines (works) as described in your June 10, 2011 letter. Completions of these works are necessary before construction of certain segments of the Upper Yuba Levee Improvement Project (UYLIP) can begin.

1. Modify a two (2) - inch natural gas main crossing at Station 138+00 (previously approved in CVFPB Permit No. 3446);
2. Raise an existing power line crossing at Station 146+08;
3. Raise an existing power line crossing at Station 164+37;
4. Raise an existing power line crossing at Station 254+85; and
5. Temporarily relocate an existing parallel power line between Station 193+50 and 220+00 to ten (10) feet waterward off the waterside levee toe. This line will be permanently relocated fifteen (15) feet waterward off the waterside levee toe in six to eight months.

Staff has reviewed the proposed works and has no objection to the modifications and relocation of the PG&E utilities subject to the following conditions:

- All conditions of Permit Number 18577BD shall remain in effect.
- The Three Rivers Levee Improvement Authority (TRLIA) shall defend, indemnify, and hold the CVFPB and the State of California, including its officers, agents, and employees, safe and harmless, of and from all claims and damages related to the CVFPB's authorization of these works.
- The project work area and any damage to the levee system and other flood control structures resulting from these works shall be repaired at TRLIA's expense and shall be restored to at least the same condition that existed prior to commencement of work.

Mr. Paul Brunner  
June 17, 2011  
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- The State of California, its officers, agents, and employees shall not be held liable for any damages resulting from the construction of these works.
- All modifications/relocation shall be done in accordance with the submitted plans and drawings, which are attached to this letter. No further work, other than that is authorized by this letter, shall be done in the area without the prior authorization of the CVFPB.
- CVFPB acknowledges the receipt of permit application to amend the existing permit No. 3446 for modification of a two (2) - inch gas line. TRLIA shall ensure that PG&E submit separate permit applications within thirty (30) days from the date of this letter for: 1) the works to raise the three power lines running perpendicular to the levee, and 2) the permanent relocation of the 2,500 - foot power line running parallel to the levee.
- This letter of authorization does not exempt TRLIA from obtaining permits and /or authorizations from any federal, State, or local agencies that may have jurisdiction; or to comply with any requirements of the California Environmental Quality Act (CEQA).
- The Executive Officer of the CVFPB shall reserve the right to revoke this authorization upon consideration of actual field conditions.

Should you have any questions regarding this letter you can contact CVFPB staff engineer, Mr. Deb Biswas at (916) 574-2383, or via email at [dbiswas@water.ca.gov](mailto:dbiswas@water.ca.gov), or myself at (916) 574-0608 or via email at [lmario@water.ca.gov](mailto:lmario@water.ca.gov).

Sincerely,



Len Marino, PE  
Chief Engineer

Attachments: Location, Plans and Drawings (7 Plates)

cc: (Please see attached list)



Mr. Paul Brunner  
June 17, 2011  
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cc: Ms. Meegan Nagy, Chief  
Flood Protection & Navigation Section  
U.S. Army Corps of Engineers  
Sacramento District  
1325 J Street  
Sacramento, California 95814-2922

Mr. Larry Dacus, P.E.  
MBK Engineers  
1771 Tribute Road, Suite A  
Sacramento, California 95815-4401

Mr. Steve Fordice, General Manager  
Reclamation District No. 784  
1594 Broadway  
Arboga, California 95961

Mr. Lonn Maier  
Pacific Gas & Electric Company  
2730 Gateway Oaks Dr., Room 220  
Sacramento, California 95833