

**RECLAMATION DISTRICT 1608**  
**FINANCIAL REPORT AUGUST 1, 2017**  
**% OF FISCAL YEAR ELAPSED THROUGH JULY 31, 2017 - .083%**

Budget Item	Budget Amount	Expended MTD	Expended YTD	% YTD
<b><u>Operations &amp; Maintenance Expenses</u></b>				
Levee Superintendent	\$70,500.00	\$5,004.00	\$5,004.00	7.10%
Part Time Employees	\$23,000.00	1,518.00	1,518.00	6.60%
Payroll Taxes and Expenses	\$6,300.00	836.29	836.29	13.27%
Fences & Gates	25,000.00	402.61	402.61	1.61%
Locks & Signs	1,500.00	0.00	0.00	0.00%
Weed and Rodent Control & Clean up	14,000.00	0.00	0.00	0.00%
Levee Repair Fund (General Operations & Maintenance)	15,000.00	90.00	90.00	0.60%
Levee Repair Fund (Levee Capital Improvement Projects)	250,000.00	35,516.33	35,516.33	14.21%
Pump System Maintenance	1,000.00	32.81		
Wireless Services (Cell and Mobile Computer)	1,800.00	407.78	407.78	22.65%
Emergency Equipment & Supplies	1,000.00	94.37	94.37	9.44%
Garbage Service	3,000.00	477.67	477.67	15.92%
District Vehicle (Fuel, Maintenance and Repairs)	6,000.00	202.77	303.02	5.05%
<b>Totals</b>	<b>\$418,100.00</b>	<b>\$44,582.63</b>	<b>\$44,682.88</b>	<b>10.69%</b>
<b><u>General Expenses</u></b>				
Trustee Fees	\$6,000.00	\$300.00	\$300.00	5.00%
Secretary Fees	10,000.00	725.00	725.00	7.25%
Office Expenses (includes storage facility)	1,000.00	0.00	0.00	0.00%
General Legal	55,000.00	2,429.37	2,429.37	4.42%
Audit	4,000.00	0.00	0.00	0.00%
County Administration Costs	7,250.00	0.00	0.00	0.00%
Liability Insurance	6,000.00	0.00	0.00	0.00%
Workers Comp Insurance	13,000.00	1,139.16	1,139.16	8.76%
Automobile Insurance	2,400.00	0.00	0.00	0.00%
Election Costs	31,500.00	0.00	0.00	0.00%
Newsletters & Public Communications	10,000.00	0.00	0.00	0.00%
<b>Totals</b>	<b>\$146,150.00</b>	<b>\$4,593.53</b>	<b>\$4,593.53</b>	<b>3.14%</b>
<b><u>Engineering Expenses</u></b>				
General Engineering	\$15,500.00	\$964.50	\$964.50	6.22%
Plan Review Engineering	20,000.00	83.00	83.00	0.42%
Administration of Delta Levee Subventions Program	25,500.00	1,650.00	1,650.00	6.47%
Periodic Levee Property Inspections and Surveys	25,000.00	0.00	0.00	0.00%
Routine Levee Maintenance Consultation	7,500.00	0.00	0.00	0.00%
Engineering, Mgmt & Inspection of Capital Imp. Projects	52,500.00	0.00	0.00	0.00%
FEMA LOMR Preparation	2,500.00	4,143.75	4,143.75	165.75%
Assessment Engineering	5,800.00	764.94	764.94	13.19%
Sediment Removal Project	452,800.00	1,027.50	1,027.50	0.00%
<b>Totals</b>	<b>\$607,100.00</b>	<b>\$8,633.69</b>	<b>\$8,633.69</b>	<b>1.42%</b>
<b><u>Warrant Interest Expenses</u></b>				
Warrant Interest Expense	\$0.00	\$0.00	\$0.00	0.00%
<b>Totals</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.00%</b>
<b>Total Expense Budget</b>	<b>\$1,171,350.00</b>	<b>\$57,809.85</b>	<b>\$57,910.10</b>	<b>4.94%</b>

<b>Budget Item</b>	<b>Anticipated Income</b>	<b>Income MTD</b>	<b>Income YTD</b>	<b>%YTD</b>
<b><u>Income</u></b>				
Property Taxes	\$204,020.00	\$0.00	\$0.00	0.00%
Interest Income	9,500.00	4,743.00	4,743.00	49.93%
Assessments	298,000.00	146,074.74	146,074.74	49.02%
Subvention Reimbursement	348,298.00	0.00	0.00	0.00%
Other Reimbursable Expenses	22,000.00	0.00	0.00	0.00%
<b>Totals</b>	<b>\$881,818.00</b>	<b>\$150,817.74</b>	<b>\$150,817.74</b>	<b>17.10%</b>

<b><u>Cash On Hand</u></b>	
Cash Balance as of July 1, 2017	\$1,793,992.14
Revenues (YTD), as of July 31, 2017	150,817.74
Bank of Stockton Account Balance - June 30, 2017	40,573.94
Expenses (YTD), as of July 31, 2017	55,370.93
<b>TOTAL CASH</b>	<b><u>\$1,930,012.89</u></b>
Cash On Hand (Exclusive of Reserves)	<b><u>\$530,012.89</u></b>

<b><u>Reserves</u></b>	
Capital Improvement Reserve	\$500,000.00
Board-designated reserve	\$900,000.00

RECLAMATION DISTRICT 1608  
 FINANCIAL REPORT AUGUST 29, 2017  
 % OF FISCAL YEAR ELAPSED THROUGH AUGUST 31, 2017 - 16.67%

Budget Item	Budget Amount	Expended MTD	Expended YTD	% YTD
<b><u>Operations &amp; Maintenance Expenses</u></b>				
Levee Superintendent	\$70,500.00	\$0.00	\$5,004.00	7.10%
Part Time Employees	\$23,000.00	637.45	2,155.45	9.37%
Payroll Taxes and Expenses	\$6,300.00	2,533.99	3,370.28	53.50%
Fences & Gates	25,000.00	0.00	402.61	1.61%
Locks & Signs	1,500.00	0.00	0.00	0.00%
Weed and Rodent Control & Clean up	14,000.00	0.00	0.00	0.00%
Levee Repair Fund (General Operations & Maintenance)	15,000.00	0.00	90.00	0.60%
Levee Repair Fund (Levee Capital Improvement Projects)	250,000.00	23,833.72	59,350.05	23.74%
Pump System Maintenance	1,000.00	22.64	55.45	5.55%
Wireless Services (Cell and Mobile Computer)	1,800.00	120.08	527.86	29.33%
Emergency Equipment & Supplies	1,000.00	0.00	94.37	9.44%
Garbage Service	3,000.00	268.06	745.73	24.86%
District Vehicle (Fuel, Maintenance and Repairs)	6,000.00	0.00	303.02	5.05%
<b>Totals</b>	<b>\$418,100.00</b>	<b>\$27,415.94</b>	<b>\$72,098.82</b>	<b>17.24%</b>
<b><u>General Expenses</u></b>				
Trustee Fees	\$6,000.00	\$300.00	\$600.00	10.00%
Secretary Fees	10,000.00	725.00	1,450.00	14.50%
Office Expenses (includes storage facility)	1,000.00	0.00	0.00	0.00%
General Legal	55,000.00	1,640.81	4,070.18	7.40%
Audit	4,000.00	0.00	0.00	0.00%
County Administration Costs	7,250.00	0.00	0.00	0.00%
Liability Insurance	6,000.00	0.00	0.00	0.00%
Workers Comp Insurance	13,000.00	569.58	1,708.74	13.14%
Automobile Insurance	2,400.00	0.00	0.00	0.00%
Election Costs	31,500.00	0.00	0.00	0.00%
Newsletters & Public Communications	10,000.00	0.00	0.00	0.00%
<b>Totals</b>	<b>\$146,150.00</b>	<b>\$3,235.39</b>	<b>\$7,828.92</b>	<b>5.36%</b>
<b><u>Engineering Expenses</u></b>				
General Engineering	\$15,500.00	\$0.00	\$964.50	6.22%
Plan Review Engineering	20,000.00	0.00	83.00	0.42%
Administration of Delta Levee Subventions Program	25,500.00	2,549.00	4,199.00	16.47%
Periodic Levee Property Inspections and Surveys	25,000.00	0.00	0.00	0.00%
Routine Levee Maintenance Consultation	7,500.00	289.50	289.50	3.86%
Engineering, Mgmt & Inspection of Capital Imp. Projects	52,500.00	0.00	0.00	0.00%
FEMA LOMR Preparation	2,500.00	330.00	4,473.75	178.95%
Assessment Engineering	5,800.00	410.75	1,175.69	20.27%
Sediment Removal Project	452,800.00	5,808.75	6,836.25	0.00%
<b>Totals</b>	<b>\$607,100.00</b>	<b>\$9,388.00</b>	<b>\$18,021.69</b>	<b>2.97%</b>
<b><u>Warrant Interest Expenses</u></b>				
Warrant Interest Expense	\$0.00	\$0.00	\$0.00	0.00%
<b>Totals</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.00%</b>
 <b>Total Expense Budget</b>	 <b>\$1,171,350.00</b>	 <b>\$40,039.33</b>	 <b>\$97,949.43</b>	 <b>8.36%</b>

Budget Item	Anticipated Income	Income MTD	Income YTD	%YTD
<b><u>Income</u></b>				
Property Taxes	\$204,020.00	\$0.00	\$0.00	0.00%
Interest Income	9,500.00	0.00	4,743.00	49.93%
Assessments	298,000.00	0.00	146,074.74	49.02%
Subvention Reimbursement	348,298.00	0.00	0.00	0.00%
Other Reimbursable Expenses	22,000.00	0.00	0.00	0.00%
<b>Totals</b>	<b>\$881,818.00</b>	<b>\$0.00</b>	<b>\$150,817.74</b>	<b>17.10%</b>

**Cash On Hand**

Cash Balance as of July 1, 2017	
Revenues (YTD), as of July 31, 2017	\$1,793,992.14
Bank of Stockton Account Balance - August 29, 2017	150,817.74
Expenses (YTD), as of July 31, 2017	31,250.04
<b>TOTAL CASH</b>	<b>55,370.93</b>
	<b><u>\$1,920,688.99</u></b>
Cash On Hand (Exclusive of Reserves)	<b><u>\$520,688.99</u></b>

**Reserves**

Capital Improvement Reserve	\$500,000.00
Board-designated reserve	\$900,000.00

**RECLAMATION DISTRICT NO. 1608  
LINCOLN VILLAGE WEST  
BOARD OF TRUSTEES MEETING  
TUESDAY, AUGUST 29, 2017  
8:00 A.M.  
ENGINEER'S REPORT**

**I. PLAN REVIEW**

**A. Pending Permit Requests from homeowners:**

- a. **6201 Embarcadero Drive  
Antonio & Lillian Arrendondo  
(209) 981-4556  
Index No 17 Lot 1159  
APN 098-370-01**

Review 2<sup>ND</sup> request for construction of a landscaping improvements on the District's levee. 1<sup>st</sup> Request was denied.

KSN Inc. has met with the landowners and explained in detail what is allowable and what is not as far as landscaping improvements.

The landowner has hired a local architect to draw their plans but not in time for this report and meeting.

KSN Inc. is seeking the Board of Trustees conditional approval of this landscaping plan subject to meeting the District's guidelines for encroachments.

If the Board of Trustees is in accord with KSN Inc. I would suggest the Board of Trustees grant the Chairman the authority to sign the application once it meets the standards for encroachment, provided KSN Inc. recommends it for approval.

***EXHIBIT A: Arrendondo's Application for Approval of Plans and/or Encroachment Permit.***

***EXHIBIT B: Photograph's of Arrendondo's yard taken by KSN Inc. on 12/7/15 levee inspection.***

- b. **3837 Fort Donelson Drive  
David and Nancy Oberholtzer  
(209) 478-7112 Home  
(209) 403-3233 David's Cell  
(209) 403-3070 Nancy's Cell  
Index No 112 Lot 2253  
APN 098-080-43**

Review request for open type, see thru fence construction on toe of levee.

KSN Inc. is supportive of this application. The landowner has provided details of fence replacement that replicate the prior open type see thru chain link fence. . KSN Inc. recommends that the Board of Trustees approve this encroachment application.

***EXHIBIT C: Oberholtzer's Application for Approval of Plans and/or Encroachment Permit.***

***EXHIBIT D: Photograph's of Oberholtzer's yard taken by Oberholtzer.***

***EXHIBIT E: Photograph's of Oberholtzer's yard taken by KSN Inc. on 12/7/15 levee inspection.***

## **II. FEMA MAPPING STATUS**

Review status of the 5/25/17 submittal of responses to FEMA in regards to the District's LOMR application dated February 24, 2017. Review status of the 5/25/17 correction of FEMA Zone "A" boundaries within Reclamation District No. 1608 - Lincoln Village West interior lake boundaries. FEMA's reviewer's most recent response is: "*I reviewed your resubmittal and do not have any additional comments. I am in the process of pulling together the final attachments for the LOMR and I will let you know if I run into any snags as I do that*". Additionally attached is comments from FEMA requesting SJCo sign off of the FEMA form MT-2 form acknowledging the District's request.

***EXHIBIT F: Correspondence from FEMA date August 23, 2017 requesting SJCo acknowledgment of the District's request by signing FEMA form MT-2***

### **III. SEDIMENT REMOVAL PROJECT**

A. Review progress of permitting process with design team and seek Board of Trustees authority to secure specialized consultants to assist in the acquisition of permits and CEQA compliance.

*EXHIBIT G: Defined Estimate for the Preparation and Permitting, Design and Construction of Reclamation District 1608 Sediment Project prepared by KSN Inc. dated August 29, 2017.*

### **IV. SOUTHWEST LEVEE RAISING PROJECT**

A. Strategize with the Board the long term plan to raise this section of levee and impacts to existing homeowner's waterside improvements.

*EXHIBIT H: DRAFT typical levee raising cross sections along Southwest section of Levee.*

A



**July 5, 2017**

**Re: 6201 Embarcadero Drive -- Backyard landscape proposal**

**To Whom It May Concern:**

**Attached please find proposed back yard landscape design. Please contact us for any questions at (209) 981-4556.**

**Very Truly Yours,**

**Antonio & Lillian Arredondo, Homeowners**

Index No. 17 Lot No. 1159

### APPLICATION FOR APPROVAL OF PLANS AND/OR ENCROACHMENT PERMIT

1. Application to the Reclamation District 1608 for approval to Landscape back yard.  
including is a plan of proposed work showing  
plants to be used and picture illustrating  
Areas to be improved in addition, I am requesting  
approval for placement of turf shed shelter for  
Storage purposes. See pictures.

2. Please check exhibits accompanying application.

- a.  Location or vicinity map showing location of proposed work within the RD1608 area of responsibility, to permit visitation and inspection of work. Provide a marked-up copy of the RD1608 Boundary Map contained within the RD1608 Levee Encroachment Standards (Appendix E-1) to convey the appropriate location information (follow directions cited in Appendix E-1).
- b.  A complete plan view and cross section of the proposed work, to scale, showing: dimensions; materials of construction and/or vegetative plantings; irrigation system; location of levee crown, toe and side slopes; relationship of the proposed work to the levee, adjacent home, RD1608 easement lines, and property lines; and any other notable feature within the lot.
- c.  A cross section of the levee, berm, and stream area with dimensions and elevations of the levee crown, levee toes, floodplain, low water levee, etc., with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.
- d.  Profiles of existing or proposed levees, fills, or other obstructions in the stream or overflow area with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.

3. Please Print or Type:

Name of Applicant Antonia & Liliu Arradonalo Address-Zip Code \_\_\_\_\_ Telephone Number cell  
620 Embarras Dr Office \_\_\_\_\_ Home 610-0089  
Signature [Signature] Date 7/6/17

#### 4. Endorsement

We, the Trustees of Reclamation District 1608 at its meeting held on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, hereby

APPROVE and give consent to the execution of the encroachment permit subject to the following conditions:

Conditions listed on the back of this form

Additional attached conditions.

No conditions

Rev: 3-1-13

F:\03950\069\DistStds04.doc

751856-1

Appendix A-1

DENY the application for the following reasons:

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Date \_\_\_\_\_

Board of Trustees,  
Reclamation District 1608

5. Name and address of owners of adjacent land parcels sharing a length of point of common boundary with the land upon which the contents of this application apply.

<u>Name</u>	<u>Address</u>	<u>Zip Code</u>
Juan & Barbara Delgado	6207 Embarcadero Dr	95219
Anthony & Kari DAVALE	3884 Farberwood Dr	95219

Conditions:

1. Comply with Reclamation District 1608 Levee Encroachment Standards.
2. Submit new application for any future encroachment within ten (10) feet of levee toe.

SEE ATTACHED ADDITIONAL CONDITIONS, IF BOX CHECKED ON FRONT PAGE

3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_

B



2015.12.07 10:21









C

Index No. 112 Lot No. 2235

**APPLICATION FOR APPROVAL OF PLANS AND/OR ENCROACHMENT PERMIT**

1. Application to the Reclamation District 1608 for approval to replace existing fence. Green coated chain link over 4x4 treated wood posts, 70' wide, 5' high, gate in the middle over existing cement walkway, with dual swing gate hinge.

2. Please check exhibits accompanying application.

- a.  Location or vicinity map showing location of proposed work within the RD1608 area of responsibility, to permit visitation and inspection of work. Provide a marked-up copy of the RD1608 Boundary Map contained within the RD1608 Levee Encroachment Standards (Appendix E-1) to convey the appropriate location information (follow directions cited in Appendix E-1).
- b.  A complete plan view and cross section of the proposed work, to scale, showing: dimensions; materials of construction and/or vegetative plantings; irrigation system; location of levee crown, toe and side slopes; relationship of the proposed work to the levee, adjacent home, RD1608 casement lines, and property lines; and any other notable feature within the lot.
- c.  A cross section of the levee, berm, and stream area with dimensions and elevations of the levee crown, levee toes, floodplain, low water levee, etc., with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.
- d.  Profiles of existing or proposed levees, fills, or other obstructions in the stream or overflow area with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.

David's cell <sup>209</sup> 403-3233

3. Please Print or Type:

Nancy's cell <sup>209</sup> 403-3070

Name of Applicant	Address-Zip Code	Telephone Number
David and Nancy Oberholtzer	3837 Fort Donelson Drive Stockton Ca. 95219	Home 209-478-7112
Signature <u>David Oberholtzer</u>		Date <u>8/7/17</u>

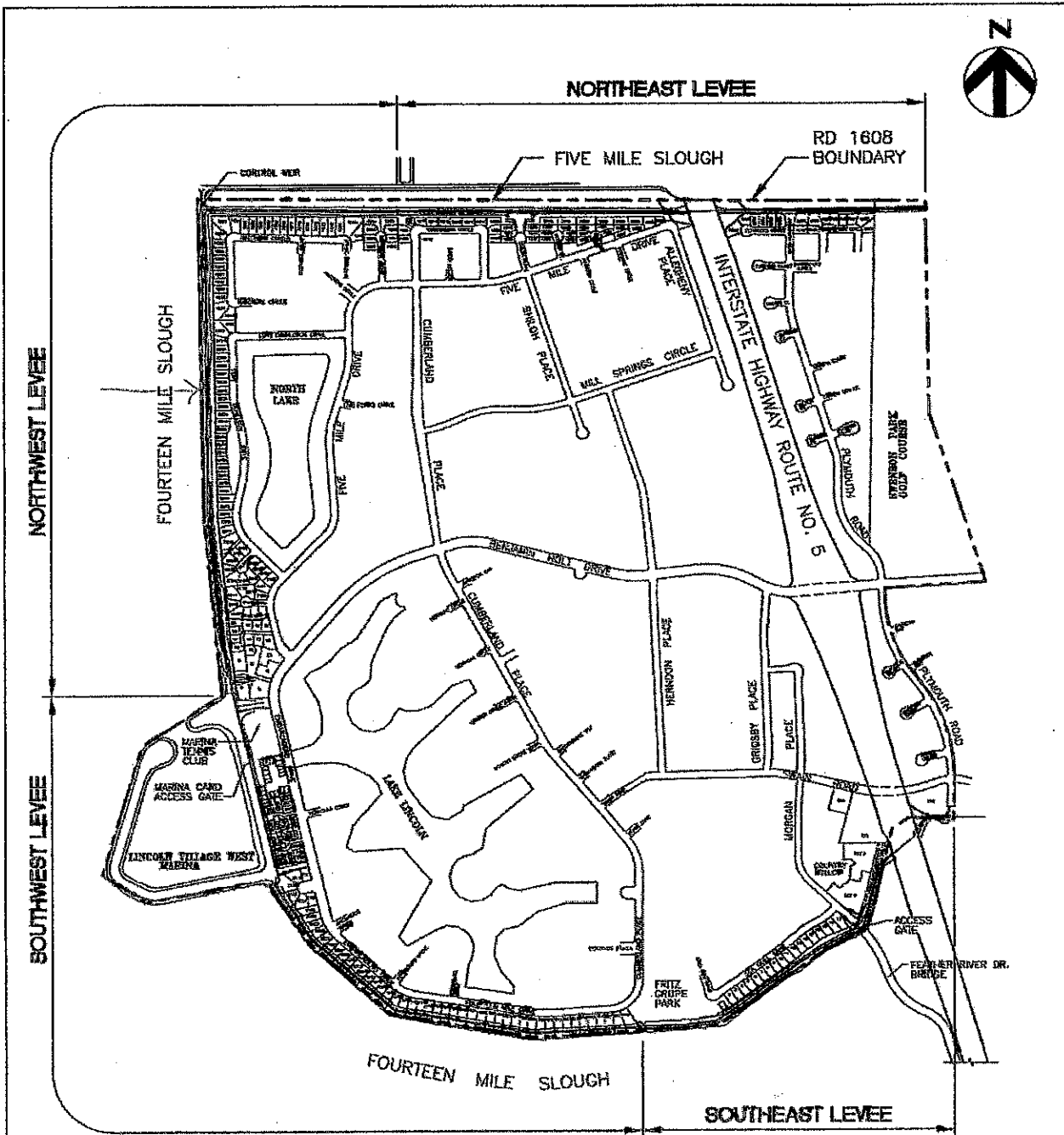
**4. Endorsement**

We, the Trustees of Reclamation District 1608 at its meeting held on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, hereby

**APPROVE** and give consent to the execution of the encroachment permit subject to the following conditions:

- Conditions listed on the back of this form
- Additional attached conditions.
- No conditions

lot 2735

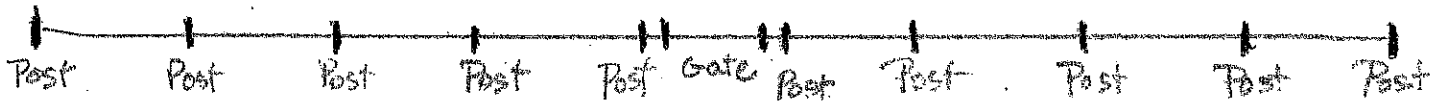


<b>BOUNDARY MAP</b>  <b>RECLAMATION DISTRICT 1608</b>	DATE:
	FEBRUARY 2010
	STANDARD DRAWING:
	S-1

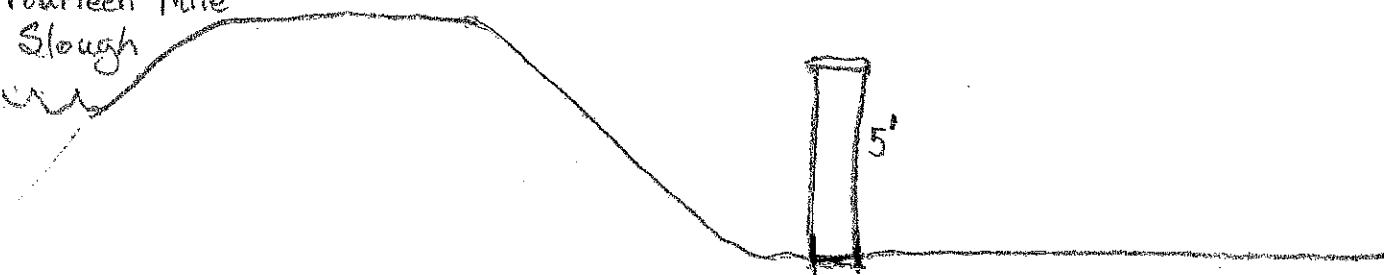
David and Nancy Oberholtzer  
3837 Fort Donelson Drive  
Stockton, Ca. 95219

Lot #2735

70' across



Fourteen Mile  
Slough



# Proposal

PHONE: 209-858-5762  
FAX: 209-858-5769

## Sandoval Fence Inc.

"Insured For Your Protection"



Chris Sandoval 209-649-0220

16177 McKinley Ave.  
Lathrop, CA 95330  
Lic. # 891027  
"Family Owned"

DATE

7-31-17

doberholtzer@valinet.com

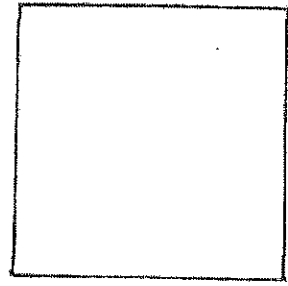
PROPOSAL SUBMITTED TO <b>Nancy Oberholtzer</b>	PHONE <b>478-7112</b>	PHONE
STREET <b>3837 Fort Donelson Dr</b>	ACTUAL ADDRESS	
CITY, STATE AND ZIP CODE <b>Stockton 95219</b>	JOB LOCATION	

Material: metal/wood

34' gate 32'

Style: All In

- 5' Tall Green Coated Chainlink
- 2 x 4 x 8' Doug Fir
- 2 x 6 x 16' Redwood cap
- 4 x 4 x 8' Treated
- Set in concrete



Total: \$1800-

Prices good for one month. Will beat any competitor's price. All prices guaranteed.  
 Wood only-treated or redwood rails - extra \$2.00 per foot. Removal included if necessary.  
 We do not repair sprinkler lines, homeowner responsible-\$25.00 per sprinkler.  
 No underground lines covered (gas, sewer, water, power, drain) Including pool utilities.  
 Utilities not marked by USA are owner responsibility. Top grade material.  
 Special order materials for jobs over \$2,000.00 must have a 20% deposit due when signed.

Please sign both e-mailed copies or reply back and return if you would like us to do this job  
**Payment due upon completion of job** 13% retainer fee for signed cancellations

This contract is subject to terms, covenants, and conditions on the reverse side hereof, and is not binding upon Sandoval Fence, Inc., until accepted and approved by an authorized employee of the Company. Materials remain property of Sandoval Fence Inc. until paid for.

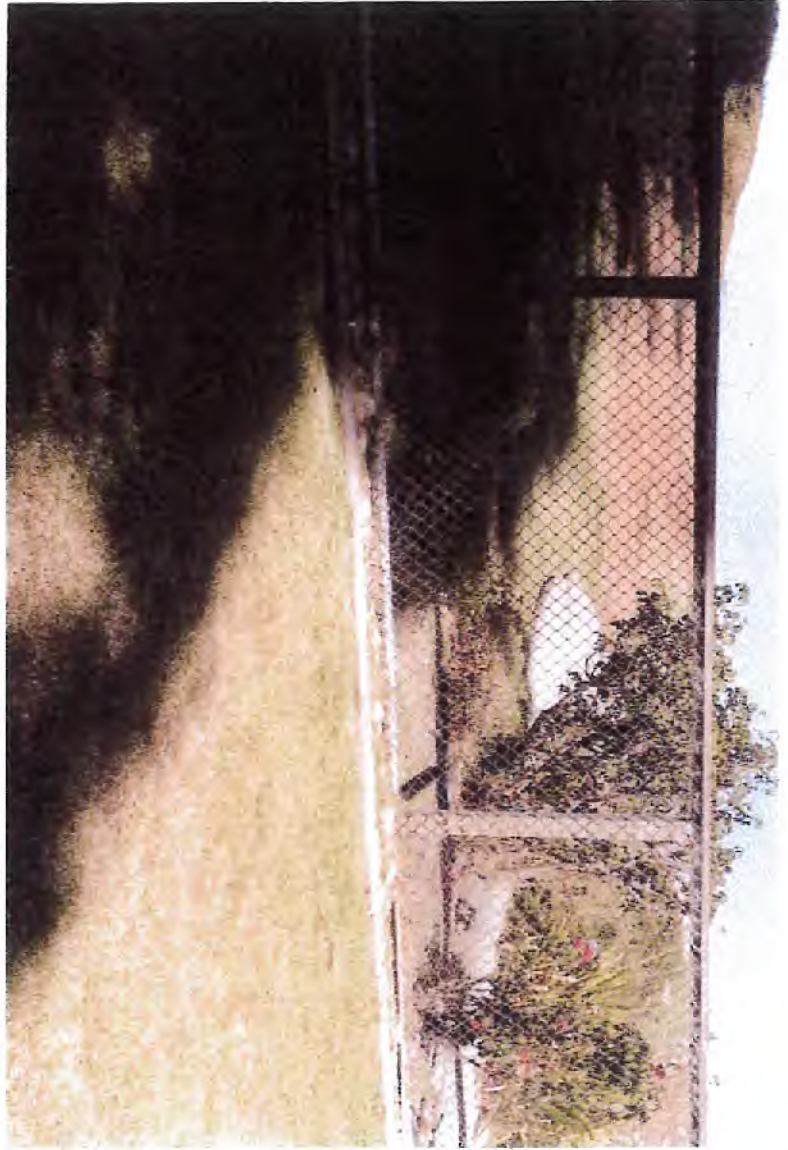
Authorized Signature: [Signature]  
 Note: This proposal may be withdrawn by us if not accepted within 30 days

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. I understand and agree to the terms and conditions on the reverse side of this proposal.

Signature \_\_\_\_\_  
 Date \_\_\_\_\_

**PLEASE SIGN REVERSE SIDE**

D



E





2015.12.07 14:28

F



**NATIONAL FLOOD INSURANCE PROGRAM**  
FEMA PRODUCTION AND TECHNICAL SERVICES CONTRACTOR

August 23, 2017

Mr. Christopher H. Neudeck, P.E.  
Principal  
Kjeldsen, Sinnock, & Neudeck, Inc.  
711 North Pershing Avenue  
Stockton, CA 95203

IN REPLY REFER TO:  
Case No.: 17-09-0527P  
Communities: City of Stockton; San Joaquin County,  
CA  
Community Nos.: 060302; 060299

316-AD

Dear Mr. Neudeck:

This responds to your request dated December 13, 2016, that the Department of Homeland Security's Federal Emergency Management Agency (FEMA) issue a revision to the Flood Insurance Rate Map (FIRM) for San Joaquin County, California and Incorporated Areas. Pertinent information about the request is listed below.

Identifier:	Reclamation District 1608 – Lincoln Village West
Flooding Sources:	San Joaquin Delta
FIRM Panel(s) Affected:	06077C0315F and 06077C0455F

The data required to complete our review, which must be submitted within 90 days of the date of this letter, are listed on the enclosed summary.

If we do not receive the required data within 90 days, we will suspend our processing of your request. Any data submitted after 90 days will be treated as an original submittal and will be subject to all submittal/payment procedures, including the flat review and processing fee for requests of this type established by the current fee schedule.

FEMA receives a very large volume of requests and cannot maintain inactive requests for an indefinite period of time. Therefore, we are unable to grant extensions for the submission of required data/fee for revision requests. If a requester is informed by letter that additional data are required to complete our review of a request, the data/fee **must** be submitted within 90 days of the date of the letter.

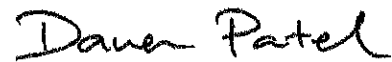
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LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426 PH: 1-877-FEMA MAP

STARR II, under contract with the FEDERAL EMERGENCY MANAGEMENT AGENCY, is a  
Production and Technical Services Contractor for the National Flood Insurance Program

If you have general questions about your request, FEMA policy, or the National Flood Insurance Program, please call the FEMA Map Information Exchange (FMIX), toll free, at 1-877-FEMA MAP (1-877-336-2627). If you have specific questions concerning your request, please contact your case reviewer, Ms. Rosie Myers, by e-mail at [Rosemary.Myers@atkinsglobal.com](mailto:Rosemary.Myers@atkinsglobal.com) or by telephone at (240) 264-8058, or the Revisions Coordinator for your request, Scott Yi, CFM at [Scott.Yi@atkinsglobal.com](mailto:Scott.Yi@atkinsglobal.com) or at (240) 264-8082.

Sincerely,



Daven Patel, P.E., CFM  
MT-2 Technical Manager  
STARR II

cc: Mr. Michael Panzer  
Project Manager  
RD 1608 Lincoln Village West  
6329 Embarcadero Drive  
Stockton, CA 95219  
209-948-8200

Mr. David Kwong  
Director of Community Development  
City of Stockton  
345 North El Dorado Street  
Stockton, California 95202  
209-937-8444  
FAX 209-937-8893  
[DAVIDKWONG@STOCKTONGOV.COM](mailto:DAVIDKWONG@STOCKTONGOV.COM)

Mr. John Maguire, P.E.  
Engineering Services Manager  
San Joaquin County  
1810 East Hazelton Avenue  
Stockton, CA 95205



**NATIONAL FLOOD INSURANCE PROGRAM**  
FEMA PRODUCTION AND TECHNICAL SERVICES CONTRACTOR

August 23, 2017  
Summary of Additional Data Required to Support a  
Letter of Map Revision (LOMR)

Case No.: 17-09-0527P

Requester: Mr. Christopher H. Neudeck, P.E.

Communities: City of Stockton; San Joaquin  
County, CA

Community Nos.: 060302; 060299

The issues listed below must be addressed before we can continue the review of your request.

1. Our review of your request revealed that San Joaquin County is affected by this revision. Please provide community acknowledgment in the form of a letter stating that the county has reviewed the revision request and understands the effects of the revision on flooding conditions in the community, and that any existing or proposed structures to be removed from the Special Flood Hazard Area (SFHA), the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood), are reasonably safe from flooding. Alternatively, please submit Application/Certification Form 1, entitled "Overview & Concurrence Form," signed by a county official.

Please send the required data and/or fee directly to us at the address shown at the bottom of the first page attention to Ms. Rosie Myers, STARR II. For identification purposes, please include the case number referenced above on all correspondence.

---

*LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426 PH: 1-877-FEMA MAP*

**STARR II, under contract with the FEDERAL EMERGENCY MANAGEMENT AGENCY, is a  
Production and Technical Services Contractor for the National Flood Insurance Program**

G



Stephen K. Sinnock, P.E.  
Christopher H. Neudeck, P.E.  
Neal T. Colwell, P.E.  
Barry O'Regan, P.E.

[2153-0030]

August 29, 2017

Board of Trustees  
c/o Michael Panzer  
RD 1608 – Lincoln Village West  
6329 Embarcadero Drive  
Stockton, Ca 95219

**Re: Defined Estimate for Preparation and Permitting, Design and Construction of Reclamation District 1608 Sediment Removal Project**

Dear Board of Trustees,

Kjeldsen, Sinnock & Neudeck, Inc. (KSN) is pleased to present its defined estimate for the Permitting, Design and Construction (Project Documents) for the Sediment Removal Project. Due to the complex nature of the work, KSN has teamed with Applied Water Resources (AWR), Moore Biological (Moore) and Base Camp Environmental (BaseCamp) to assist KSN with the permitting and CEQA components of this project.

The project team has reviewed the project's historical documents previously developed by the District's engineer HDR and has prepared the following scope and estimated fee for the project completion.

**PROJECT STATUS**

Upon KSN's review of the historical project documents, a number of constraints were identified. KSN has collaborated with the project team and found it evident that the critical path was securing the City of Stockton's planned upland disposal site on Wright Elmwood Tract from both a regulatory perspective and the City's motivation to negotiate an agreement and accept the dredged sediment material. With an understanding of this important constraint, KSN felt it prudent to perform a reconnaissance review of the site to determine the extent of usable land within the City's existing historic sewer ponds.

A preliminary site assessment was performed on July 19<sup>th</sup>. The review exposed less available area to dispose of the sediment fill with approximately 9 acres sporadically spaced of the original 24.6 acres preliminarily determined to be wetlands. The site visit confirmed the presence of wetlands, including seasonal wetlands, scrub-shrub and riparian forest which may be viewed as jurisdictional wetlands by the USACE. Wetlands that have been created by construction activities, such as a holding ponds, are typically considered non-jurisdictional wetlands; however, they must be excavated in uplands and have not been abandoned. Although the exiting City Ponds were constructed in reclaimed uplands, a review of historical aerial photographs shows that the last instance of activity of was over 10 years ago, which indicate that the site has been abandoned and now the existing condition.

In light of this information, KSN has identified alternative sites and is currently inquiring into the feasibility of these sites in anticipation of approval to begin sedimentation sampling and characterization. This information will determine if the dredge sediments are suitable for land placement.

At the desire of the Board, project completion is scheduled to be within the 2018 dredging season. The project team is optimistic in meeting this deadline; however, the schedule will largely be driven by the regulatory review process.



## **KSN TASK NO. 1 – PROJECT MANAGEMENT & DESIGN**

### **TASK 1.1 PREPARE UPDATED SEDIMENT QUANTITY ESTIMATE**

Using the existing project footprint and topographic data gathered from HDR, KSN will obtain survey data to estimate the additional sediment which has accumulated since the initial 2012 survey effort. KSN will use the survey data gathered in Task 2.1 and create an updated Bathymetric Surface model of the dredging alignment and update the dredging quantity for use in the Project Plans and Permits.

### **TASK 1.2 PREPARE DISPOSAL POND DESIGN**

Once a Sediment Disposal Site has been secured, KSN will begin design level work on the site for the placement operations. Utilizing Survey data obtained of the placement site, a design of the holding ponds will be prepared outlining the total placement area footprint, sensitive avoidance areas if any, design of inlet and outlet control structures and decanting facilities, if allowed. The pond design and possible decanting facilities will be designed with close consultation with Applied Water Resources (AWR), to leverage their experience with dredging project operations.

### **TASK 1.3 PREPARE DESIGN DOCUMENTS**

The Plans prepared under tasks 1.2 & 1.3 will be integrated into a Design Package consisting of the Project Plans, Engineers Estimate and Project Specifications including front-end (Bidding documents). The Design Documents will include but are not limited to:

#### Drawings:

- G1.01 Title Sheet and Index
- G2.01 Hydraulic Profile and Design Criteria
- G3.01 Abbreviations, Symbols, & Numbering System
- G4.01 General Notes
- V1.01 Survey Control Sheet
- C1.01 Grading Plan
- C2.01 Sediment Removal Alignment Plan & Profiles
- C2.02 Dredge Force Main Alignment Plan & Profiles
- C3.01 Sections
- C4.01 Disposal Pond I
- C4.02 Disposal Pond II
- C5.01 Typical Civil Details I
- M2.01 Mechanical Details I

#### Technical Specifications (in 1995 or 2014 CSI format)

- Division 0 - Bidding (front-end) documents (in 1995 or 2014 CSI format)
- Division 1 through 15 Specifications (2014 CSI Sections)

Drawings will consist of General, Demo/Restoration, Civil, and Mechanical. Where applicable, technical specifications will be prepared and assembled supporting the design including general requirements and special provisions as necessary. We anticipate using KSN's front-end documents (Division 0), and technical specification's Divisions 1 through 17.





Draft documents will be prepared and submitted at the 65%, 90%, and bid-set design stages. KSN will advance the design to a 65% level of detail for submittal and review by the Project Team. Following review of the 65% submittal, KSN will advance the design to the 90% level of detail, incorporating comments and permit requirement input from the 65% documents. Following review of the 90% documents, 100% bid documents will be prepared.

Plans will be prepared at a suitable scale on 24 inch by 36 inch plan sheets. KSN will provide six full sized sets of the plans, six half scale sets of the plans, and an electronic file of the plans in PDF compatible format at each submittal.

## **KSN TASK NO. 2 – SURVEYING AND MAPPING**

KSN previously performed an extensive survey (2012) as a sub-consultant to HDR consisting of an aerial survey and bathymetric cross section spaced at 200 ft. intervals. Recent 2016/2017 LOMR mapping efforts gathered additional bathymetric cross sections at 1,000 ft. intervals resulting in a few cross sections within the sediment removal project area. The cross sections in similar areas were overlain and compared. 4 of the 5 sections demonstrated an additional 1 to 2.5 feet of sediment accumulation. The introduction of additional sediment requires that the project collect additional survey data to:

- Ensure that the project quantities remain under the thresholds present in the criteria for a maintenance dredging permit (<100,000 CY); and,
- Provide a means of quantifying the amount of sediment removed upon completion.

### **TASK 2.1 MEASUREMENT OF ACCUMULATED SEDIMENT**

KSN proposes to perform a survey of the proposed dredging alignment centerline to quantify the accumulated sediment since the 2012 survey. The alignment will be sampled at 200 foot intervals within the vicinity of the original 2012 surveyed cross sections, to provide a direct comparison. The updated survey data will be imported into the current bathymetric model and used to obtain an updated sediment quantity estimate.

### **TASK 2.2 DREDGING QA/QC AND MEASUREMENT**

KSN proposes to QA/QC the performance of the project by collecting in-situ cross sectional data at up to 13 sites along the dredge alignment. The first set of cross sections will be collected no more than 2 weeks prior the dredging effort to establish the pre-dredging condition. Once the dredging effort is completed, a second confirming set of cross sectional data, at the same locations, will be obtained to provide the post dredging conditions. The cross sectional data will record the physical depth and width of the dredged channel to provide a dredged model to compare and provide a means of measurement for final payout.

KSN will utilize the data gathered for this effort to reflect the as-built condition.

### **TASK 2.3 ALTERNATIVE DISPOSAL SITE SURVEY**

KSN anticipates collecting additional survey data of a currently unconfirmed alternative disposal site. Data collected will be utilized to aid in the design of new disposal ponds and decanting facilities if necessary.

KSN will utilize existing survey control for the project. The survey control will be based on the North American Datum of 1983 (NAD83), California Coordinate System, Zone 3, with survey feet units. The vertical datum will



be based on the North American Vertical Datum of 1988 (NAVD88) with a conversion factor to the National Geodetic Vertical Datum of 1929 (NGVD29).

A centerline profile for any dikes present will be surveyed at approximate 200' intervals.

A 200' x 200' grid of spot elevations will be surveyed. Where a dike may cross a grid line, a point will be surveyed at each identifiable grade break of the dike.

Evidence of structures such as manholes, culverts, and monitoring stations will be located as part of the field survey.

Upon completion of the field survey, KSN will prepare mapping sheets of the survey at 1"=100'. Base mapping for the project will show dike centerlines, line work for dike toes and hinge points as located in the field along the 200' grid lines, and all visible structures included in the survey, and a 200' x 200' grid of spot elevations.

### **KSN TASK NO. 3 – ENVIRONMENTAL ASSESSMENTS & DOCUMENTATION**

KSN has retained sub consultants Moore Biological (Moore Bio) and Base Camp Environmental (BaseCamp) to perform Environmental Assessments and CEQA document preparation, respectfully. The assessment will study the section of 14 Mile Slough planned for sediment removal and a sediment disposal site (Study Area). Moore Bio has extensive knowledge of the area through performing a number Biological Assessments of surrounding areas. With this understanding, Moore Bio will perform the following biological tasks and BaseCamp will perform the CEQA documentation tasks.

#### **TASK 3.1 PRELIMINARY BIOLOGICAL CONSTRAINTS REVIEW**

Prior to committing to a thorough Biological Assessment, Moore Bio will perform a Preliminary Biological Constraints Review to quickly qualify the sediment disposal site's feasibility from a regulatory standpoint. This review is to assist with a near-term determination of the suitability of the subject site, allowing the Project Team to search for an alternate site if the presence of biological resources precludes using the proposed site. This task estimate assumes that we will perform no more than 3 preliminary assessments prior to identifying a suitable sediment disposal site.

#### **TASK 3.2 BIOLOGICAL ASSESSMENTS**

Assuming the Preliminary Biological Constraints Review of the proposed sediment spoils disposal area is favorable or an alternate site becomes available, the second phase of work will consist of a thorough assessment encompassing the entire Study Area. Moore will perform a search of California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (a geographical database of rare species) and the United States Fish and Wildlife Service Species list for the area. The subsequent field work will consist of baseline inventory, focused searches for special-status species and suitable habitat for special-status species, and more comprehensive assessment of wetlands using the 1987 U.S. Army Corps of Engineers (ACOE) Wetland Delineation Manual and 2008 Regional Supplement. Additionally, Moore sub, FishBio, will perform a biological assessment specific to fisheries resources in support of the Section 7 consultation with National Marine Fisheries Service (NMFS). Moore will inventory land uses and habitat types in the sites and surrounding areas, compile a list of plant and wildlife species observed, describe and map any notable habitat types.

Following the field surveys, Moore will prepare a Baseline Assessment Report summarizing the results of the CNDDDB search and field surveys. The locations, types, and approximate extent of sensitive resources will be mapped and described. The report will be similar in format and content as those we have recently prepared for



other delta projects and will include Avoidance and Minimization Measures that can be incorporated into the project description. The Biological Assessment is intended to support both a CEQA review (and CEQA exemption), and to support the permitting effort that will be done by others.

### **TASK 3.3 CEQA DOCUMENTATION**

Under the California Environmental Quality Act (CEQA), RD 1608 is the Lead Agency and project proponent responsible for conducting environmental review as the CEQA Lead Agency. State agencies will act as Responsible Agencies under CEQA. It is unlikely that the existing sediment disposal area can be considered “exempt” from CEQA, but it is anticipated that the potential environmental effects of the project can be reduced to a less than significant level and that CEQA environmental review can be accomplished with an Initial Study/Mitigated Negative Declaration.

#### **SUB-TASK 3.3.1 PREPARATION OF THE PROJECT DESCRIPTION**

BaseCamp will prepare a written project description for review and approval. The project description will describe the environmental setting for the Study Area and detail the process by which the project will be accomplished. BaseCamp will define the project setting and the project scope and prepare the environmental documentation for regulatory review and approval.

#### **SUB-TASK 3.3.2 PREPARATION OF THE INITIAL STUDY/MITIGATED NEGATIVE DECLARATION**

BaseCamp, will coordinate with Moore Bio for biological inventory and impact analysis. BaseCamp will obtain a cultural resources database for the Study Area. Additionally, as required under AB 52, BaseCamp or its cultural resources subcontractor will conduct tribal consultation with potentially affected tribes. This effort will include data collection, agency consultations, impact analysis and definition of feasible mitigation measures that could reduce impacts to a less than significant level.

Upon completion of the study, BaseCamp will prepare a CEQA Initial Study and Mitigation Monitoring/Reporting Plan (MMRP) for adoption by the Board of Trustees. Based on the assumption that a Mitigated Negative Declaration is appropriate, BaseCamp will prepare and file a Notice of Determination on behalf of RD 1608.

All filing fees, including but not limited to the California Department of Fish and Wildlife (CDFW), State Lands Commissions (SLC) and CEQA fees are to be estimated at the time of filing and will be the responsibility of the RD 1608.

### **KSN TASK NO. 4 – DREDGING OPERATIONS SUPPORT & PERMITTING**

AWR’s personnel have substantial expertise supporting a variety of marine related permitting, dredging and construction projects. These projects include a variety of objectives, including those required for a successful Sediment Removal Project including: dredge permitting; dredge construction oversight; disposal site and decant permitting and monitoring. AWR’s key role in the overall project are as described in the following sub-tasks.

#### **SUB-TASK 4.1 SEDIMENT SAMPLING AND ANALYSIS PLAN**

AWR’s first task will be the preparation of a Sampling and Analysis Plan (SAP). The SAP will describe the proposed maintenance sediment removal project, the location of sediment samples to be collected along with a description of the analytical testing methods, and the characterization of the suitability of the sediment disposal

site. Sediment samples will be collected using a marine barge mounted vibracore, and analyzed in accordance with the General Order for sediment chemistry. 4 surface soil samples and 2 grab ground water samples will also be collected to characterize the sediment disposal site.

AWR will analyze dredge sediment for biological toxicity by the modified elutriate tests (MET) for analytical chemistry. Although these tests are not required per the General Order, AWR recommends the biotoxicity to hedge against the possibility of elevated analytical chemistry results. The MET chemistry data can be used to predict decant concentrations and evaluate discharge options.

#### SUB-TASK 4.2 PERMIT OVERSIGHT

All sediment removal projects are subject to permits from several federal, state and local regulatory agencies. The potential permits required for the proposed work are summarized in the table below:

Agency	Policy Code	Permit
Regional Water Quality Control Board - Central Valley Region (Regional Board)	Clean Water Act (CWA) Section 401, Water Quality Certification	Notice of Applicability under General Order R5-2009-0085
California Department of Fish and Wildlife (CDFW)	CDFW Section 1600	Lake and Streambed Alteration Agreement
US Army Corps of Engineers (USACE)	CWA Section 404	Nationwide Permit #35
US Fish and Wildlife Services / National Marine Fisheries Services (NMFS)	Endangered Species Act 16 USC 1531 Section 7	Section 7 Consultation
State Lands Commission	Section 6303 Public Resources Code	Dredging Lease
Lead Agency (Likely RD 1608)	California Environmental Quality Act (CEQA)	Article 19, Categorical Exemption 15304 (g)
Central Valley Flood Protection Board (CVFPB)	CCR Title 23	Encroachment Permit Form 3615a
City or County	Public Works	Grading permit

AWR will evaluate the dredge and sediment disposal site data and prepare a technical report that functions as the Notice of Intent (NOI) to dredge in compliance with the General Order. Project applicability under the General Order will satisfy the Water Quality Certification process under Section 401 of the Clean Water Act. This document will describe the Project, bathymetry, design dredge depth, dredging methods and equipment, results from the implementation of the SAP, assessment of risks to water resources, biological resources, and human health, mitigation measures to reduce unacceptable risks (if any), and monitoring efforts during and following completion of the dredging effort, and any reuse of the dredged sediment that is anticipated.

For the USACE Permit, AWR (with support the Project Team) will prepare a permit application under the Nationwide Permit (NWP) #35, which applies to maintenance dredging of existing basins. Prior to approving a maintenance dredging permit, the Corps typically delegates the biological evaluations to USFWS and NMFS.

For CDFW, AWR (with support from the Project Team) will prepare and submit a streambed alteration agreement (SAA) application which will be based on the Project design. As part of the package, AWR in



coordination with Moore Biological and FISHBIO will submit a biological assessment related to California listed species at the dredge site and placement area for CDFW review.

Construction activities performed within the State's waterways require a Right of Way permit issued by the State Lands Commission (SLC). AWR will submit an application on behalf of the Reclamation District to obtain a dredging lease to perform the proposed dredging activities.

The CVFPB regulates, to reduce the risk of flooding, activities that encroach upon the Sacramento and San Joaquin Rivers and their tributaries. AWR will prepare and submit Form 3615a, is used by the CVFPB to assess the adequacy of the Project with respect to flood control risk and other factors.

#### **SUB-TASK 4.3 ENVIRONMENTAL MONITORING**

Per the monitoring and reporting requirements in the General Order, daily water quality monitoring during dredging and weekly sediment disposal pond monitoring is required. Data generated during this monitoring is to be submitted in monthly reports to the Regional Board. In the past, AWR has trained dredging personnel and supplied the equipment to perform the daily monitoring during dredging to save costs to the client. Estimated costs assume that the dredging personnel will perform the daily monitoring and provide the data to AWR. Our estimated costs include analyzing the ponded water and to coordinate with the Regional Board to support discharge of pond water if the data are favorable.

#### **KSN TASK 5 – CONSTRUCTION MANAGEMENT & DREDGING**

Task 5 consists of the Construction Cost of dredging an estimated quantity of 60,000 cubic yards (CY) of sediment from the dredge site to the sediment disposal site currently located at the northeast corner of the Wright-Elmwood Tract. This Task also includes the construction of disposal site ponds, decanting facilities if applicable, and construction management and inspections services during the life of the project. Construction Period services typically include the following.

- Attendance at a pre-construction meeting;
- Review of contractor submittals;
- Construction period site visits or meetings;
- Preparation of record drawings based on contractor red-line markups; and
- Contract administration or construction management, staking, materials testing, and inspection of the project during construction.



**FEE**

KSN proposes to provide engineering services on a time and materials basis per our current 2017 fee schedule (attached) for the total fee listed below. The fee is broken down into the following tasks, as described above.

Task No. 1 – Project Management & Design	\$68,000
Task No. 2 – Surveying and Mapping	\$59,700
Task No. 3 – Envir. Assessment & CEQA Documentation	\$83,900
Task No. 4 – Dredge Operation & Permitting	\$195,300
<hr/>	
15% Contingency	\$61,035
Subtotal – Design and Permitting	\$467,935
Task No. 5 – Dredging, Construction Mgmt. & Inspection	\$1,337,500
15% Contingency	200,625
<hr/>	
Subtotal Dredging, Con. Mgmt. & Insp.	\$1,538,125
Prelim Estimate of Direct Costs for Permitting	\$26,000
<hr/>	
<b>Total Time and Materials Estimate</b>	<b>\$2,032,060</b>

KSN appreciates the opportunity to submit this more defined estimate of services and we look forward to a successful project. If you should have any questions regarding this estimate, or if you should require additional information, please contact me.

Sincerely,  
KJELDTSEN, SINNOCK & NEUDECK, INC.

\_\_\_\_\_  
Christopher H. Neudeck, P.E.  
RD 1608 District Engineer

w/enclosures

cc: Trustees (w/encls.)  
Daniel J. Shroeder, counsel (w/encls.)  
Joe Bryson, Supt (w/encls.)  
Jean Knight, Sec. (w/encls.)

**2017 / 2018 FEE SCHEDULE  
PREVAILING WAGE PROJECTS  
Effective July 1, 2017**

Position	Rate
Principal Engineer	\$ 240.00
Associate Engineer	\$ 210.00
Senior Engineer	\$ 185.00
Engineer	\$ 165.00
Junior Engineer	\$ 135.00
Senior Surveyor	\$ 191.00
Surveyor	\$ 160.00
Assistant Surveyor	\$ 140.00
Field Crew-One Man & Vehicle	\$ 191.00
Field Crew-Two Man & Vehicle	\$ 289.00
Inspector	\$ 150.00
Inspector & Vehicle	\$ 176.00
Senior Project Manager	\$ 212.00
Project Manager	\$ 180.00
Assistant Project Manager	\$ 160.00
Grant Manager	\$ 140.00
GIS/CAD Technician III	\$ 135.00
GIS/CAD Technician II	\$ 115.00
GIS/CAD Technician I	\$ 90.00
Project Accountant	\$ 130.00
Administrative III	\$ 98.00
Administrative II	\$ 83.00
Administrative I	\$ 68.00

Equipment	Hourly Rate
3D Print Cloud Work Station	\$ 25.00
GPS Receivers-Per Receiver Per Hour	\$ 25.00
Robotic Total Station	\$ 35.00
HDS Scanner	\$ 150.00
Boat	\$ 55.00

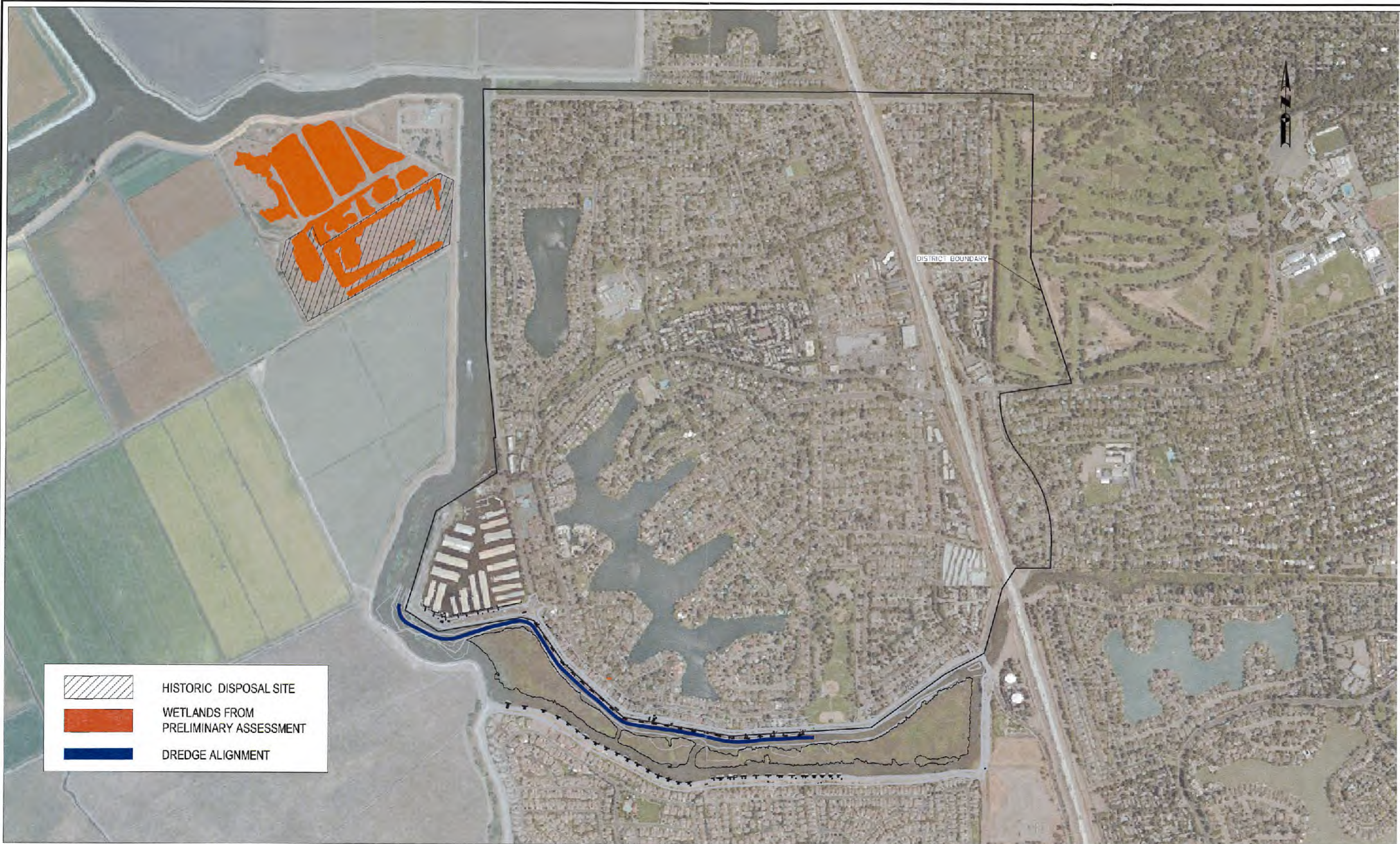
Expenses	
Auto Milcage per current Federal Rates	
Special Consultants	Cost Plus 10%
Reimbursable Expenses (Printing, Photos, Copies, Travel, Telephone, Fax, Survey Materials, etc.)	Cost Plus 10%




*Additional charges may apply for overtime services.*

**Fees are due and payable within 30 days from the date of billing. Fees past due may be subject to a finance charge computed on the basis of 1 1/2% of the unpaid balance per month.**

Hourly rates are subject to review and adjustment July 1<sup>st</sup> of each year.

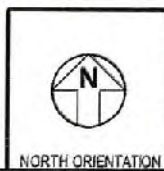
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 PLOT DATE: Aug 25, 2017 - 9:27am



	HISTORIC DISPOSAL SITE
	WETLANDS FROM PRELIMINARY ASSESSMENT
	DREDGE ALIGNMENT



SUBMITTAL	
%	Date



PROJECT ENGINEER  
**PRELIMINARY  
 NOT FOR  
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR

DESIGN BY	
DRAWN BY	
CHECK BY	
HORIZONTAL DATUM CCS83, ZONE 3	
VERTICAL DATUM NAVD88	

DRAWING SCALE	
HORZ: 1" = 500'	
ORIGINAL DRAWING SCALE	
0 1/2" 1"	



**KJELDEN  
 SINNOCK  
 NEUDECK**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 www.ksninc.com

711 N Pershing Avenue  
 Stockton, CA 95203  
 209-946-0263  
 1550 Harbor Drive, Suite 212  
 West Sacramento, CA 95691  
 916-403-8900

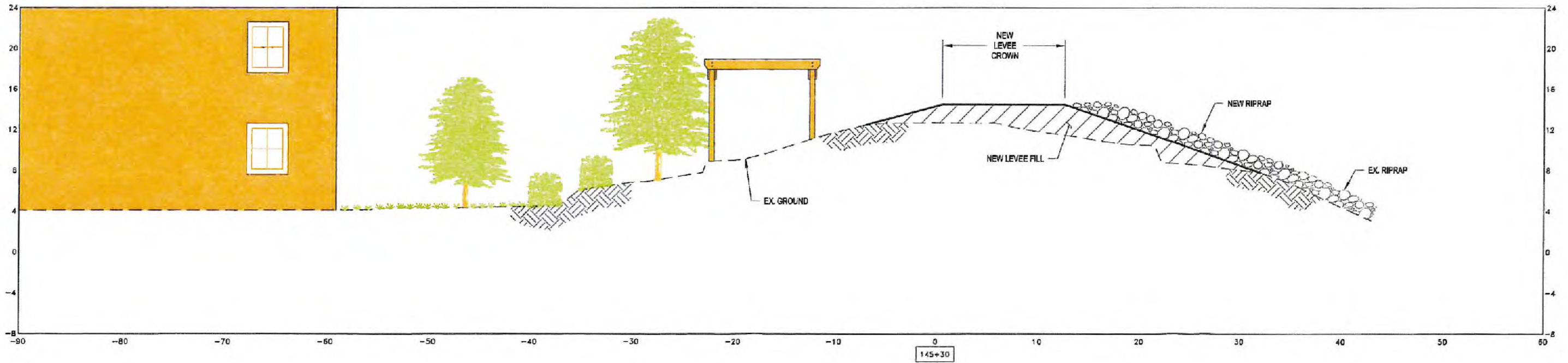
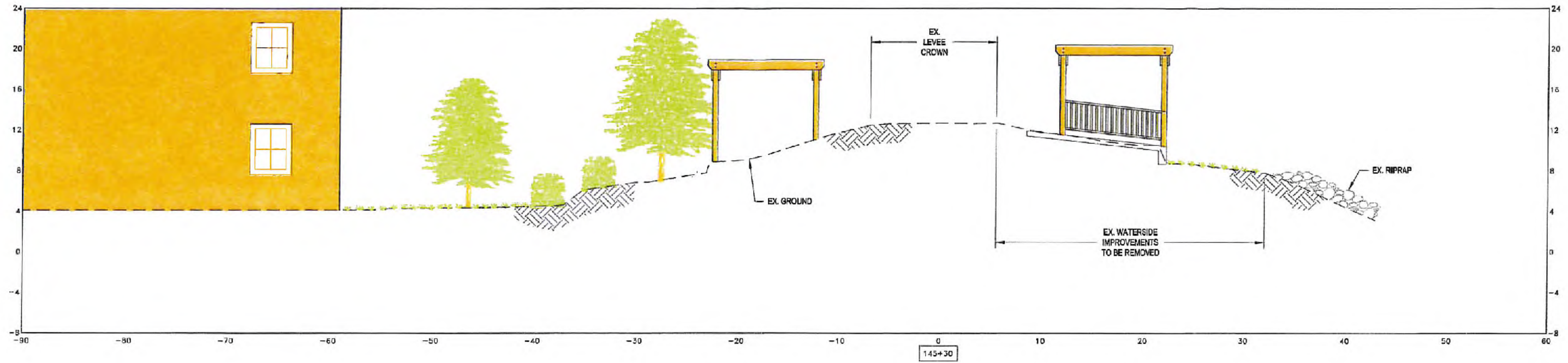
RECLAMATION DISTRICT 1608  
 LINCOLN VILLAGE WEST  
 STOCKTON, CA  
**SEDIMENT REMOVAL PROJECT  
 BASEMAP  
 EXHIBIT A**

DATE	08/29/17
SHEET IDENTIFICATION	EXH A
SHEET 1 OF XX	
KSN PROJECT FILE NO.	2153-0030

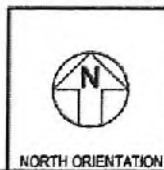


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FILE SPEC: P:\2153\_Lincoln\_Village\_West\_LRD\_1608\0210\_Southwest\_Levee\_Crown\_Raise\06\_Civil\400\_Plans\020\_CAD\Exhibits\Ex\_Prelim\_Design.dwg  
 PLOT DATE: Jun 06, 2017 - 8:25am



SUBMITTAL	
%	Date



PROJECT ENGINEER  
**PRELIMINARY  
 NOT FOR  
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

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CHECK BY CHN	
HORIZONTAL DATUM CCS83, ZONE 3	
VERTICAL DATUM NAVD88	

**KJELSOEN SINNOCK NEUDECK**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 www.ksrinc.com

711 N. Pershing Avenue  
 Stockton, CA 95203  
 209-946-0268

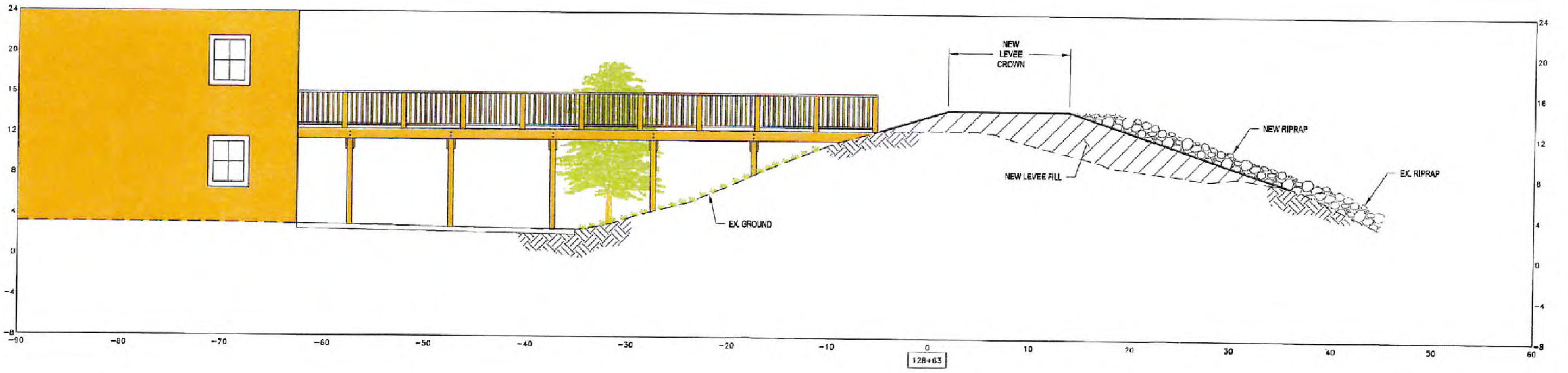
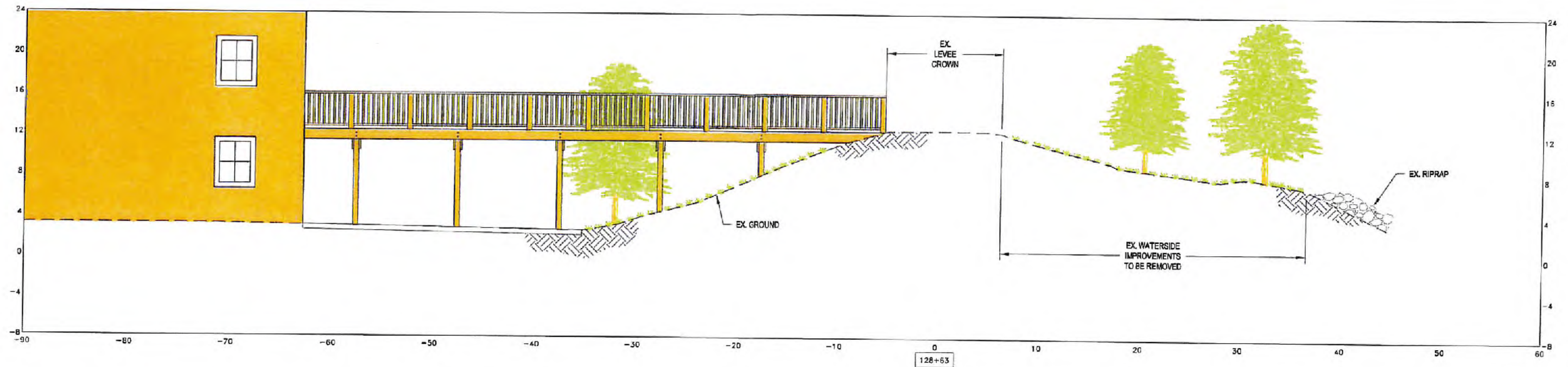
1550 Harbor Drive, Suite 212  
 West Sacramento, CA 95691  
 916-403-8900

RECLAMATION DISTRICT NO. 1608  
 SOUTHWEST LEVEE CROWN RAISING  
 STOCKTON, CALIFORNIA

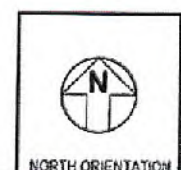
**BACKYARD IMPROVEMENTS  
 TYPICAL SECTION 1**

DATE JUNE 6, 2017
SHEET IDENTIFICATION
SHEET 1 OF XX
KSN PROJECT FILE NO. 2153-0210

FILE SPEC: F:\2153\_Lincoln\_Village\_West\_RD\_1608\0210\_Southwest\_Levee\_Crown\_Raise\08\_Ckt\400\_Plans\020\_CAD\Exhibits\Exh\_Prelim\_Design.dwg  
 PLOT DATE: Jun 09, 2017 - 8:28am



SUBMITTAL	
%	Date



PROJECT ENGINEER  
**PRELIMINARY  
 NOT FOR  
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

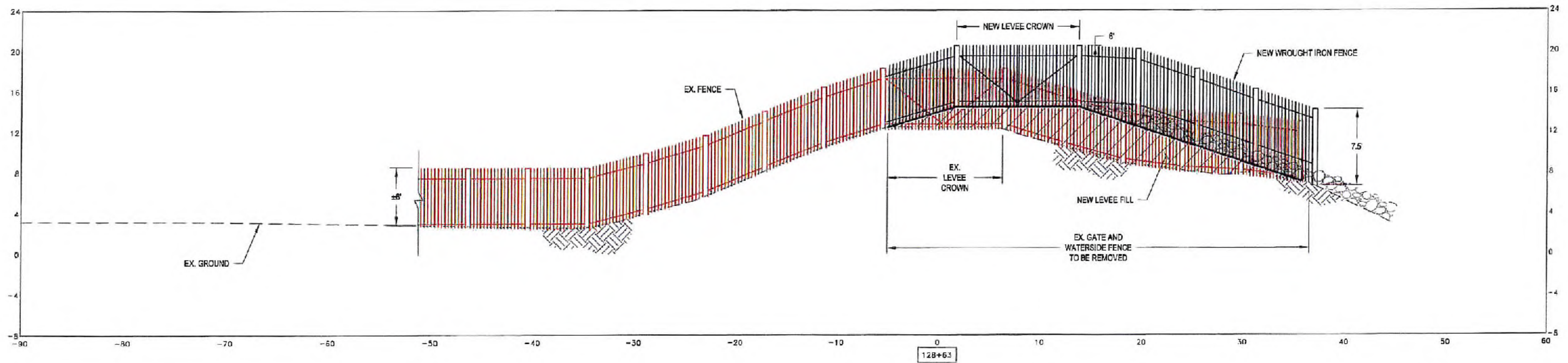
DESIGN BY EEA	DRAWING SCALE
DRAWN BY EEA	1" = 5'
CHECK BY CHN	ORIGINAL DRAWING SCALE
HORIZONTAL DATUM CCS83, ZONE 3	0 1/2" = 1'
VERTICAL DATUM NAVD83	

**ZOK inc.** **KJELDSSEN SINNOCK NEUDECK**  
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 1650 Harbor Drive, Suite 212  
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 916-403-5900

RECLAMATION DISTRICT NO. 1608  
 SOUTHWEST LEVEE CROWN RAISING  
 STOCKTON, CALIFORNIA  
**BACKYARD IMPROVEMENTS  
 TYPICAL SECTION 2**

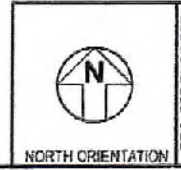
DATE JUNE 6, 2017
SHEET IDENTIFICATION
SHEET 1 OF XX
KSN PROJECT FILE NO. 2153-0210

FILE SPEC: P:\2153\_Lincoln\_Village\_West\_RD\_1508\0210\_Southwest Levee Crown Raisin\08\_Civil\400\_Plans\020\_CAE\Exhibits\Exh\_Prelim\_Design.dwg  
 PLOT DATE: Jun 09, 2017 - 8:35am



SUBMITTAL	
%	Date

NO.	DESCRIPTION	DATE	APPR.



**PROJECT ENGINEER**  
**PRELIMINARY**  
**NOT FOR**  
**CONSTRUCTION**

DESIGN BY	EEA
DRAWN BY	EEA
CHECK BY	CHN
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88

DRAWING SCALE	1" = 5'
ORIGINAL DRAWING SCALE	0 1/2" 1"

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RECLAMATION DISTRICT NO. 1608  
 SOUTHWEST LEVEE CROWN RAISING  
 STOCKTON, CALIFORNIA

**BACKYARD IMPROVEMENTS**  
**TYPICAL SIDEYARD FENCE RECONSTRUCTION**

DATE	JUNE 6, 2017
SHEET IDENTIFICATION	SHEET 1 OF XX
KSN PROJECT FILE NO.	2153-0210

## AUGUST 2017 LEVEE SUPERINTENDENT JOE BRYSON 1608

1. Levee patrol, checked pumps. Picked up trash at Plymouth and Swain gates.
2. Have been installing rock and gravel on North West and North East levee.
3. Home for sale, 3834 Fourteen Mile.
4. Fences were cut five times, repaired four of them.
5. 3825 Fort Donaldson, dying yard and mess.
6. ~~Had a run in with homeless 1-5. Fence cut three times.~~
7. San Joaquin County moved to the weir to finish removing hyancett.
8. Filling of the black top cracks will start next month. We have about fifteen spots that need repair. Thought we would do next summer.
9. JOB#STKCA65479UL-2 AT&T three years
10. Installed gravel First house West of Grupe Park, show case.
11. Receive many calls, Stockton Record Flood article.
12. A person did spin outs at Grupe Park levee twice.