

DOCUMENT 00914

ADDENDUM NUMBER 4

Issued: January 22, 2013

SONOMA VALLEY COUNTY SANITATION DISTRICT
BIOSOLIDS MANAGEMENT UPGRADE

FROM: Sonoma Valley County Sanitation District
404 Aviation Blvd.
Santa Rosa, CA 95403-9019

TO: Prospective Bidders

This Addendum forms a part of and modifies the Project Manual dated November 2012. Bidder shall acknowledge receipt of this Addendum in the space provided in Document 00400 (Bid Form).

Modified text is indicated as follows: Double-underline designates text to be inserted; ~~strikethrough~~ designates text to be deleted.

Addendum Number 4 consists of 49 pages (size 8 1/2" x 11") and 10 revised Drawings.

1.1 GENERAL CHANGES

A. No changes.

1.2 CHANGES TO PRIOR ADDENDA

A. No changes.

1.3 CHANGES TO INTRODUCTORY INFORMATION AND BIDDING REQUIREMENTS

A. Document 00400 (Bid Form):

1. Insert the following as Bid Item 5 to the Schedule of Bid Prices. Renumber remaining items accordingly.

| | | | | | |
|----|---|---------------|-----------------|--------------|-----------|
| 5. | <u>Storm Water Pollution Prevention Plan and Implementation</u> | <u>XXXXXX</u> | <u>Lump Sum</u> | <u>XXXXX</u> | <u>\$</u> |
|----|---|---------------|-----------------|--------------|-----------|

2. Insert the following two rows to the end of the Schedule of Bid Prices.

| | | | | | |
|---------------------|----------------------------|---------------|---------------|--------------|------------------|
| | <u>Contingency Reserve</u> | <u>XXXXXX</u> | <u>XXXXXX</u> | <u>XXXXX</u> | <u>\$25,000</u> |
| <u>TOTAL</u> | | | | | <u>\$</u> |

3. Bidder shall use the revised Document 00400 (Bid Form) attached, marked "REVISED 1/22/13" in its Bid.

1.4 CHANGES TO CONTRACTING REQUIREMENTS

A. Document 00520 (Agreement):

1. Changes to Bid Form (above) will be added to the final Contract Documents.
-

1.5 CHANGES TO CONDITIONS OF THE CONTRACT

A. No changes.

1.6 CHANGES TO SPECIFICATIONS

A. Section 01100 (Summary):

1. Modify Paragraph 1.4 D.10. as follows:
 10. Imported Engineered Fill: The unit price for this item shall be full payment for providing imported engineered fill, including but not limited to transport, stockpiling, ~~and off-Site disposal of unsuitable material at on-Site location as determined by Owner, placement and compaction as specified, to the lines and grades indicated.~~ For purposes of payment, this item will be measured by the cubic ~~foot~~yard. Quantity shall be based on in-place compacted volume (CY) of imported material. This item shall only be used if Owner determines that on-Site soils are unsuitable.
2. Insert the following as Paragraph 1.4 D.5. Renumber remaining paragraphs accordingly.
 5. Storm Water Pollution Prevention Plan and Implementation. The lump sum price paid under this item shall be full payment for furnishing and implementing the Storm Water Pollution Prevention Plan as required by Section 01500 (Temporary Facilities and Controls).
3. Insert the following as Paragraph 1.4 E. Renumber remaining paragraphs accordingly.
 - E. Contingency Reserve.
 1. Costs authorized to be paid from the Contingency Reserve:
 - a. Cost to Contractor or Subcontractor for removal, as directed by Owner, of unforeseen underground manmade structures that interfere with construction and that require special equipment or additional labor, time, or equipment.
 - b. Cost to Contractor or Subcontractor for relocation or repair, as directed by Owner, of unforeseen underground utilities.

B. Section 01200 (Price and Payment Procedures):

1. Insert the following after Paragraph 1.1 A.1:
 2. Contingency Reserve
2. Insert the following after Article 1.9:

1.10 CONTINGENCY RESERVE

- A. Owner will authorize and direct Contractor regarding provisions in this paragraph 1.10.
- B. Contingency Reserve Amount: as listed in Document 00520 (Agreement).
- C. Cost shall be determined for CCD Work as provided in Section 01250 (Modification Procedures) or on a time-and-materials basis if agreed by Contractor and Owner.
- D. Prior to final payment, an appropriate Change Order will be issued to reflect actual amounts due Contractor on account of Work covered by this

Contingency Reserve, and the Contract Sum will be correspondingly adjusted.

C. Section 01500 (Temporary Facilities and Controls):

1. Insert the following as Paragraph 1.1 A.9. Renumber remaining Paragraph accordingly.
9. Storm Water Pollution Prevention Plan
2. Insert the following as Article 1.11. Renumber remaining Article accordingly.

1.11 STORM WATER POLLUTION PREVENTION PLAN

- A. Prior to commencement of Work at the Site, obtain Owner approval on a Storm Water Pollution Prevention Plan (SWPPP) prepared in accordance with:
 1. The Caltrans Storm Water Quality Handbooks:
 - a. Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual; and
 - b. Construction Site Best Management Practices (BMPs) Manual.
- B. Submit SWPPP to Owner for review in accordance with Section 01330 (Submittal Procedures). Provide the SWPPP to Owner prior to commencement of Work at the Site.
- C. Particular attention shall be paid to:
 1. Site Map
 2. Locations of all equipment and materials storage
 3. Location and containment for fueling area, construction entrances, and concrete washouts
 4. Locations of all other staging areas, stockpile areas, and disposal sites.
 5. Location of sanitation facilities
 6. All erosion and sediment control BMPs, as well as non-storm water BMPs
 7. Dewatering plan
- D. Water Pollution Control Drawings shall be of sufficient size and scale to detail BMP locations. Remove all extraneous information from the base sheets to improve clarity, including geometric equations, notes, details, and all data not related to water pollution control work. Use a copy of the appropriate Drawing(s) as a base sheet(s) with the pertinent stage of construction drawn in as an overlay to accurately reflect Site conditions at various phases of construction. Provide enlarged detail mapping as necessary to detail BMP locations.
- E. Revise and update the SWPPP whenever there is a change in construction operations that may affect the Site drainage patterns or discharge of pollutants to surface waters, groundwaters, or a separate municipal storm sewer system.
- F. Failure to fully comply with the requirements of the General Permit shall subject Contractor to all fines, damages, and job delays incurred due to failure to implement the SWPPP.
- G. Furnish SWPPP to Owner upon Owner's request.

D. Section 01810 (Commissioning):

1. Delete Paragraph 1.3 A.2.c. Renumber remaining paragraphs accordingly.
~~e. Polymer Blending system~~

2. Insert the following after Paragraph 1.3 B.1.i:
 - j. Thickened Sludge Pumps
- E. Section 02220 (Demolition, Cutting, and Patching):
 1. Insert the following after Paragraph 1.3 A.4.:
 5. Salvage items in location determined by Owner
 - a. Place salvaged landscaping drain rock at base of Reclamation Pond behind tertiary filters, approximately 100 feet North of Site.
- F. Section 04220 (Concrete Masonry Units):
 1. Insert the following after Paragraph 1.1 A.1.:
 2. Existing concrete masonry block wall repair
 2. Insert the following as Paragraph 3.2 B. Renumber remaining paragraphs accordingly.
 - B. Replace broken masonry units and cap in existing wall, if necessary, or repair to maintain uniformity.
- G. Section 09962 (Epoxy Coatings):
 1. Modify Paragraph 2.1 as follows:

2.1 MANUFACTURERS

 - A. Dur-A-Flex, Inc.
 - B. Kelly Moore
 - C. Sherwin Williams
 - D. Or Approved Equal
 2. Modify Paragraph 2.2 as follows:

2.2 MATERIALS

 - A. ~~Epoxy Concrete Floor System: Dur-A-Gard ESD~~Water reducible epoxy
 - B. ~~Or Approved Equal~~Finish floor dry film thickness: 4 mils
 3. Delete Paragraphs 3.3 E.1, 3.3 E.2, and 3.3 E.3 in their entirety.
 1. ~~Install a 4 inch integral cove base at perimeter walls and columns.~~
 2. ~~Caulk along perimeter lab walls and at cabinet toe kicks, per Section 07900 (Sealants).~~
 3. ~~Key in all drains, edges, and transition points according to manufacturer's instructions.~~
- H. Section 13500 (Programmable Logic Controller):
 1. Insert hard returns in Paragraphs 3.5 A.8, 3.5 A.15, and 3.5 A.46 as follows:
 8. WAS Pump 3 VFD, Fault.
 9. Polymer Blending Unit Control Panel, General Alarm.
 15. Thickened Sludge Pump 1, Pressure High Alarm.
 16. Thickened Sludge Pump 2, Running.
 46. WAS Pump 3, HOA in Auto Mode.
 47. Solenoid Valve "V-1", Open

Renumber remaining paragraphs accordingly.

1.7 CHANGES TO DRAWINGS

- A. Delete Drawing No. C-02 and replace with Drawing No. C-02 attached and marked "17 JAN 2013, Addendum No. 4."
- B. Delete Drawing No. A-03 and replace with Drawing No. A-03 attached and marked "17 JAN 2013, Addendum No. 4."

- C. Delete Drawing No. P-01 and replace with Drawing No. P-01 attached and marked "17 JAN 2013, Addendum No. 4."
- D. Delete Drawing No. P-03 and replace with Drawing No. P-03 attached and marked "17 JAN 2013, Addendum No. 4."
- E. Delete Drawing No. E-05 and replace with Drawing No. E-05 attached and marked "17 JAN 2013, Addendum No. 4."
- F. Delete Drawing No. E-06 and replace with Drawing No. E-06 attached and marked "17 JAN 2013, Addendum No. 4."
- G. Delete Drawing No. E-07 and replace with Drawing No. E-07 attached and marked "17 JAN 2013, Addendum No. 4."
- H. Delete Drawing No. E-08 and replace with Drawing No. E-08 attached and marked "17 JAN 2013, Addendum No. 4."
- I. Delete Drawing No. E-09 and replace with Drawing No. E-09 attached and marked "17 JAN 2013, Addendum No. 4."
- J. Delete Drawing No. E-10 and replace with Drawing No. E-10 attached and marked "17 JAN 2013, Addendum No. 4."

1.8 QUESTION(S)/ANSWER(S)

Owner's responses to Bidder questions shall be for the purposes of interpretation and clarification of the Contract Documents only, and shall not be construed as changing, superseding, or contradicting any express term in the Contract Documents. If any Bidder believes that a response to a question warrants a change in any term in the Contract Documents, the Bidder shall so request the change be made in writing addressed to Owner and received no later than the latest date for submitting Bidder questions. In the absence of a change in any term of the Contract Documents, the express terms of the Contract Documents shall have precedence. Bidder questions are listed below verbatim.

A. Syblon Reid General Engineering Contractors:

1. Sht 15/49 indicates a new service sink and water heater but no plumbing is indicated...What are the expectations for hooking up these items? Do they just tie in to existing plumbing?

Owner's response: Answered in this Addendum above.

2. Section 450 "Statement of Qualifications" requests a substantial amount of information from each subcontractor listed. This is very difficult and cumbersome to provide at bid time. Can the information on the listed subs be provided by fax the following bid day?

Owner's response: Bid per Bid Documents.

3. Section 320 :Geotechnical Data" indicates that a Geotech report no 70-712-7#2 is available through Owner...Can you please provide a copy by addendum or information on how we may obtain a copy.

Owner's response: The information is available on Owner's website:

[http://www.scwa.ca.gov/files/docs/projects/svcsd-biosolids-upgrade/SVTP_Biosolids_Geotech_2007_\(DCM\).pdf](http://www.scwa.ca.gov/files/docs/projects/svcsd-biosolids-upgrade/SVTP_Biosolids_Geotech_2007_(DCM).pdf)

4. Can you please provide bidders a copy of the bid attendee sign in sheet for both mandatory pre-bids

Owner's response: The information is available on Owner's website:

<http://www.scwa.ca.gov/lower.php?url=capital-improvement-projects&projectid=svcsd--biosolids-management-upgrade>

5. Specs indicate that the existing rock in the project area is to be stockpiled on-site. Can you explain where that is on the site?

Owner's response: Answered in this Addendum above.

6. Existing retaining wall is to be "repaired". Please clarify expectations...Does this include removing and replacing all chipped masonry units or primarily replacing the cap?

Owner's response: Answered in this Addendum above.

B. K. G. Walters Construction Co.:

1. On sheet C-02 there is a CA line shown running from due south of the existing Sludge Building to the East corner of the new Sludge Building. According to the pictures I took while onsite the CA line will conflict with the existing concrete platform east of the existing Sludge Building. Are we to route the CA line through or under the concrete platform as the current alignment indicates? Should we route the CA line around concrete platform?

Owner's response: Answered in this Addendum above.

C. HD Supply Waterworks:

1. On sheet P-03 East elevation there is a 1" #3W line shown under the walkway. Where does this line connect to.. No other elevation shows this line entering the facility. The 4" along the West elevation does not appear to go to this line.

At the termination points of the #3W in the facility there is a symbol, a circle with a X in it. This is not in the symbology on sheet G-03.

Owner's response: Answered in this Addendum above.

D. Advanced Stormwater Protection, Inc.:

1. Several Sections of the bid documents reference "SWPPP if applicable".

It would be better for the Owner and Contractors to know if a SWPPP and NOI is required prior to Bid Date, Contract Award and Notice to Proceed to avoid delays to the start of the Project due to assumptions made regarding the NOI and SWPPP.

Please confirm if the Project will be subject to the Construction General Permit(GCP) order 2009-0009, 2010-0014 DWQ and if so what Risk Level.

Owner's response: Answered in this Addendum above.

E. Valentine Corporation:

1. Bid Item 10, Imported Engineered Fill: The Note on C-01 tell us to over excavate 5' below finish grade within the footprint noted on the plans and to re-compact with suitable Engineered Fill. The bid quantity does not closely match the excavation quantity for the footprint drawn (700 CY vs. 940 CY). The Bid Item description for this item in Section 01100-2 tells us that the actual excavation limits and quantities will be determined by the engineer, making this sound like a revocable item depending on sub-grade conditions. Please provide clarity as to how we are to bid the excavation and subgrade preparation for bid Item 10. Are we to include all our building site excavation and site prep work in Bid Item 9, and just use Bid Item 10 as directed to remove and *replace unsuitable material below bottom of slab or grade beam elevations?*

Owner's response: Answered in this Addendum above.

END OF DOCUMENT

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*** REVISED 1/22/13 ***

DOCUMENT 00400

BID FORM

To be submitted as part of Envelope "A" by the time and date specified in Document 00200 (Instructions to Bidders), paragraph 1.

TO THE HONORABLE BOARD OF DIRECTORS OF THE SONOMA VALLEY COUNTY SANITATION DISTRICT

THIS BID IS SUBMITTED BY:

(Firm/Company Name)

Re: CONTRACT NUMBER 70-712-7#2, SONOMA VALLEY COUNTY SANITATION DISTRICT BIOSOLIDS MANAGEMENT UPGRADE

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Sonoma Valley County Sanitation District, a local district of the State of California ("Owner") in the form included in the Contract Documents, Document 00520 (Agreement), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and within the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents.
2. Bidder accepts all of the terms and conditions of the Contract Documents, Document 00100 (Advertisement for Bids), and Document 00200 (Instructions to Bidders), including, without limitation, those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 90 Days after the day of Bid opening.
3. In submitting this Bid, Bidder represents:
 - (a) Bidder has examined all of the Contract Documents and all of the Addenda (receipt of all of which is hereby acknowledged). The Addenda are listed below.

| Addendum Number | Addendum Date | Signature of Bidder |
|-----------------|---------------|---------------------|
| | | |
| | | |
| | | |
| | | |

- (b) Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as set forth in Document 00520 (Agreement), Article 5.

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- (c) Bidder has given Owner prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by Owner is acceptable to Contractor.
4. Based on the foregoing, Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedule of Bid Prices:

SCHEDULE OF BID PRICES

All Bid items, including lump sums and unit prices, must be filled in completely. Bid items are described in Section 01100 (Summary of Work). Quote in figures only, unless words are specifically requested.

| ITEM | DESCRIPTION | ESTIMATED QUANTITY | UNIT | UNIT PRICE | TOTAL |
|------|--|--------------------|------------|------------|-------|
| 1. | Bonds | XXXXXX | Lump Sum | XXXXX | \$ |
| 2. | Insurance | XXXXXX | Lump Sum | XXXXX | \$ |
| 3. | Safety Program and Implementation | XXXXXX | Lump Sum | XXXXX | \$ |
| 4. | Construction Material Waste Management Plan and Implementation | XXXXXX | Lump Sum | XXXXX | \$ |
| 5. | Storm Water Pollution Prevention Plan and Implementation | XXXXXX | Lump Sum | XXXXX | \$ |
| 6. | Mobilization/Demobilization | XXXXXX | Lump Sum | XXXXX | \$ |
| 7. | Shoring and Bracing | XXXXXX | Lump Sum | XXXXX | \$ |
| 8. | Demolition | XXXXXX | Lump Sum | XXXXX | \$ |
| 9. | Screw Press System | XXXXXX | Lump Sum | XXXXX | \$ |
| 10. | Sitework | XXXXXX | Lump Sum | XXXXX | \$ |
| 11. | Imported Engineered Fill | 700 | Cubic Yard | | |
| 12. | Concrete Masonry Wall | XXXXXX | Lump Sum | XXXXX | \$ |
| 13. | Concrete | XXXXXX | Lump Sum | XXXXX | \$ |
| 14. | Existing Building Modifications | XXXXXX | Lump Sum | XXXXX | \$ |

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| ITEM | DESCRIPTION | ESTIMATED QUANTITY | UNIT | UNIT PRICE | TOTAL |
|------------------------|--|--------------------|----------|------------|-------------|
| 15. | Electrical, Instrumentation, and Controls | XXXXXX | Lump Sum | XXXXX | \$ |
| 16. | Pre-Engineered Building | XXXXXX | Lump Sum | XXXXX | \$ |
| 17. | Installation, Operation, and Maintenance Manuals | XXXXXX | Lump Sum | XXXXX | \$ |
| 18. | All Other Work | XXXXXX | Lump Sum | XXXXX | \$ |
| TOTAL BID PRICE | | | | | \$ |
| | Contingency Reserve | XXXXXX | XXXXXX | XXXXX | \$25,000.00 |
| TOTAL | | | | | \$ |

Total: _____
 (Words)

5. Subcontractors for work included in all Bid items are listed on the attached Document 00430 (Subcontractors List).
6. The undersigned Bidder understands that Owner reserves the right to reject this Bid.
7. If written notice of the acceptance of this Bid, hereinafter referred to as Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in paragraph 2 of this Document 00400 or at any other time thereafter unless the Notice of Award is withdrawn, the undersigned Bidder will execute and deliver the documents required by Document 00200 (Instructions to Bidders) within the times specified therein. These documents include, but are not limited to, Document 00520 (Agreement), Document 00610 (Construction Performance Bond), and Document 00620 (Construction Labor and Material Payment Bond).
8. Notice of Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.
9. The undersigned Bidder herewith encloses cash, a cashier’s check, or certified check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety authorized to do a surety business in the State of California, in form specified in Document 00200 (Instructions to Bidders), in the amount of ten percent (10%) of the Total Bid Price and made payable to “Sonoma Valley County Sanitation District.”
10. The undersigned Bidder agrees to commence Work under the Contract Documents on the date established in Document 00700 (General Conditions) and to complete all work within the time specified in Document 00520 (Agreement). The undersigned Bidder acknowledges that Owner has reserved the right to delay or modify the commencement date. The undersigned Bidder

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further acknowledges Owner has reserved the right to perform independent work at the Site, the extent of such work may not be determined until after the opening of the Bids, and that the undersigned Bidder will be required to cooperate with such other work in accordance with the requirements of the Contract Documents.

- 11. The undersigned Bidder agrees that, in accordance with Document 00700 (General Conditions), liquidated damages for failure to complete all Work in the Contract within the time specified in Document 00520 (Agreement) shall be as set forth in Document 00520 (Agreement).
- 12. The names of all persons interested in the foregoing Bid as principals are:

(IMPORTANT NOTICE: If Bidder or other interested person is a corporation, give the legal name of corporation, state where incorporated, and names of president and secretary thereof; if a partnership, give name of the firm and names of all individual co-partners composing the firm; if Bidder or other interested person is an individual, give first and last names in full).

NAME OF BIDDER: _____
licensed in accordance with an act for the registration of Contractors, and with license number: _____ Expiration: _____.

Where incorporated, if applicable

Principals

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signature of Bidder

Date of Execution

Place of Execution

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address: _____

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Contractor's Representative(s), (name, title):

Officers authorized to sign contracts:

Signature of Officer

Title

Date of Execution

Place of Execution

Telephone Number(s):

Fax Number(s):

Email address(es):

Date of Bid:

END OF DOCUMENT

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ATTACHMENT E

FEDERAL WAGE DECISION
(version date: 1/11/13)

General Decision Number: CA130009 01/11/2013 CA9

Superseded General Decision Number: CA20120009

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only); DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Table with 2 columns: Modification Number, Publication Date. Rows: 0 (01/04/2013), 1 (01/11/2013)

ASBE0016-001 04/01/2012

AREA 1: ALAMEDA, CONTRA COSTA, LAKE, MARIN, MENDOCINO, MONTEREY, NAPA, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONO, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN JOAQUIN, SHASTA, SIERRA, SISKIYOU, STANISLAU, SUTTER, TEHEMA, TRINITY, TULARE, TUOLUMNE, YOLO, & YUBA COUNTIES

Table with 2 columns: Rates, Fringes. Row 1: Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems) Area 1: \$ 52.20, 18.47; Area 2: \$ 40.55, 18.47

ASBE0016-007 01/01/2012

Table with 2 columns: Rates, Fringes. Row 1: Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)...\$ 30.53, 6.75

BOIL0549-002 01/01/2009

| | Rates | Fringes |
|----------------------------------|----------|---------|
| BOILERMAKER | | |
| (1) Marin & Solano Counties..... | \$ 40.17 | 22.32 |
| (2) Remaining Counties..... | \$ 37.01 | 22.25 |
| ----- | | |
| BRCA0003-001 06/01/2011 | | |

| | Rates | Fringes |
|-------------------------|----------|---------|
| MARBLE FINISHER..... | \$ 28.02 | 12.22 |
| ----- | | |
| BRCA0003-004 05/01/2011 | | |

AREA 1: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2: MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

| | Rates | Fringes |
|-------------|----------|---------|
| BRICKLAYER | | |
| AREA 1..... | \$ 35.11 | 18.99 |
| AREA 2..... | \$ 39.85 | 22.00 |

SPECIALTY PAY:

- (A) Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit shall be paid \$1.25 per hour above the regular rate. Work in direct contact with raw sewage shall receive \$1.25 per hour in addition to the above.
- (B) Operating a saw or grinder shall receive \$1.25 per hour above the regular rate.
- (C) Gunite nozzle person shall receive \$1.25 per hour above the regular rate.

| | Rates | Fringes |
|-----------------------------|----------|---------|
| ----- | | |
| BRCA0003-008 06/01/2011 | | |
| TERRAZZO FINISHER..... | \$ 30.30 | 13.77 |
| TERRAZZO WORKER/SETTER..... | \$ 39.30 | 21.20 |
| ----- | | |
| BRCA0003-010 01/01/2011 | | |

| | Rates | Fringes |
|---------------|----------|---------|
| TILE FINISHER | | |
| Area 1..... | \$ 21.21 | 10.01 |
| Area 2..... | \$ 21.26 | 12.44 |
| Area 3..... | \$ 21.44 | 12.31 |
| Area 4..... | \$ 20.93 | 11.79 |
| Tile Layer | | |
| Area 1..... | \$ 36.08 | 11.95 |
| Area 2..... | \$ 34.41 | 13.68 |
| Area 3..... | \$ 38.61 | 13.73 |
| Area 4..... | \$ 35.45 | 13.68 |

AREA 1: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo, Yuba
 AREA 2: Alpine, Amador
 AREA 3: Marin, Napa, Solano, Siskiyou
 AREA 4: Sonoma

BRCA0003-014 06/01/2011

| | Rates | Fringes |
|-------------------|----------|---------|
| MARBLE MASON..... | \$ 39.22 | 18.68 |

CARP0034-001 07/01/2012

| | Rates | Fringes |
|------------------------------------|----------|---------|
| Diver | | |
| Assistant Tender, ROV | | |
| Tender/Technician..... | \$ 37.75 | 28.88 |
| Diver standby..... | \$ 42.53 | 28.88 |
| Diver Tender..... | \$ 41.53 | 28.88 |
| Diver wet..... | \$ 85.06 | 28.88 |
| Manifold Operator (mixed gas)..... | \$ 46.53 | 28.88 |
| Manifold Operator (Standby)..... | \$ 41.53 | 28.88 |

DEPTH PAY (Surface Diving):
 050 to 100 ft \$2.00 per foot
 101 to 150 ft \$3.00 per foot
 151 to 220 ft \$4.00 per foot

SATURATION DIVING:
 The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:
 Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: \$1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48" in height, the premium will be \$1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:
 Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

CARP0034-003 07/01/2012

| | Rates | Fringes |
|-----------------|----------|---------|
| Piledriver..... | \$ 37.75 | 28.88 |

CARP0035-001 08/01/2012

- AREA 1: MARIN, NAPA, SOLANO & SONOMA
- AREA 3: SACRAMENTO, WESTERN EL DORADO (Territory west of an including highway 49 and the territory inside the city limits of Placerville), WESTERN PLACER (Territory west of and including highway 49), & YOLO
- AREA 4: ALPINE, BUTTE, COLUSA, EASTERN EL DORADO, GLENN, LASSEN, MODOC, NEVADA, EASTERN PLACER, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, & YUBA

| | Rates | Fringes |
|-----------------------------|----------|---------|
| Drywall Installers/Lathers: | | |
| Area 1..... | \$ 38.50 | 26.12 |
| Area 3..... | \$ 33.12 | 26.12 |
| Area 4..... | \$ 31.77 | 26.12 |
| Drywall Stocker/Scrapper | | |
| Area 1..... | \$ 19.25 | 15.03 |
| Area 3..... | \$ 16.56 | 15.03 |
| Area 4..... | \$ 15.89 | 15.03 |

 CARP0035-009 07/01/2012

Marin County

| | Rates | Fringes |
|---|----------|---------|
| CARPENTER | | |
| Bridge Builder/Highway Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer..... | \$ 38.65 | 25.68 |
| Journeyman Carpenter..... | \$ 38.50 | 25.68 |
| Millwright..... | \$ 38.60 | 27.27 |

 CARP0035-010 07/01/2012

- AREA 1: Marin, Napa, Solano & Sonoma Counties
- AREA 2: Alpine, San Benito and Santa Cruz
- AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc,
Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou,
Sutter, Tehama, Trinity, Yolo & Yuba counties

| | Rates | Fringes |
|-----------------------------|----------|---------|
| Modular Furniture Installer | | |
| Area 1 | | |
| Installer I..... | \$ 22.61 | 16.71 |
| Installer II..... | \$ 19.18 | 16.71 |
| Lead Installer..... | \$ 26.06 | 17.21 |
| Master Installer..... | \$ 30.28 | 17.21 |
| Area 2 | | |
| Installer I..... | \$ 19.96 | 16.71 |
| Installer II..... | \$ 17.01 | 16.71 |
| Lead Installer..... | \$ 22.93 | 17.21 |
| Master Installer..... | \$ 26.56 | 17.21 |
| Area 3 | | |
| Installer I..... | \$ 19.01 | 16.71 |
| Installer II..... | \$ 16.24 | 16.71 |
| Lead Installer..... | \$ 21.81 | 17.21 |
| Master Installer..... | \$ 25.23 | 17.21 |

 CARP0046-001 07/01/2012

El Dorado (West), Placer (West), Sacramento and Yolo Counties

| | Rates | Fringes |
|------------------------|-------|---------|
| Carpenters | | |
| Bridge Builder/Highway | | |

| | | |
|---|----------|-------|
| Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw | | |
| Filer..... | \$ 32.77 | 25.68 |
| Journeyman Carpenter..... | \$ 32.62 | 25.68 |
| Millwright..... | \$ 35.12 | 27.27 |

Footnote: Placer County (West) includes territory West of and including Highway 49 and El Dorado County (West) includes territory West of and including Highway 49 and territory inside the city limits of Placerville.

 CARP0046-002 07/01/2012

Alpine, Colusa, El Dorado (East), Nevada, Placer (East),
 Sierra, Sutter and Yuba Counties

| | Rates | Fringes |
|---|----------|---------|
| Carpenters | | |
| Bridge Builder/Highway | | |
| Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw | | |
| Filer..... | \$ 31.42 | 25.68 |
| Journeyman Carpenter..... | \$ 31.27 | 25.68 |
| Millwright..... | \$ 33.77 | 27.27 |

 CARP0152-003 07/01/2012

Amador County

| | Rates | Fringes |
|---|----------|---------|
| Carpenters | | |
| Bridge Builder/Highway | | |
| Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw | | |
| Filer..... | \$ 31.42 | 25.68 |
| Journeyman Carpenter..... | \$ 31.27 | 25.68 |
| Millwright..... | \$ 33.77 | 27.27 |

 CARP0180-001 07/01/2012

Solano County

| | Rates | Fringes |
|---|----------|---------|
| Carpenters | | |
| Bridge Builder/Highway | | |
| Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw | | |
| Filer..... | \$ 38.65 | 25.68 |
| Journeyman Carpenter..... | \$ 38.50 | 25.68 |
| Millwright..... | \$ 38.60 | 27.27 |

CARP0751-001 07/01/2012

Napa and Sonoma Counties

| | Rates | Fringes |
|---|----------|---------|
| Carpenters | | |
| Bridge Builder/Highway Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer..... | \$ 38.65 | 25.68 |
| Journeyman Carpenter..... | \$ 38.50 | 25.68 |
| Millwright..... | \$ 38.60 | 27.27 |

 CARP1599-001 07/01/2012

Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties

| | Rates | Fringes |
|---|----------|---------|
| Carpenters | | |
| Bridge Builder/Highway Carpenter..... | \$ 38.50 | 25.68 |
| Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer..... | \$ 31.42 | 25.68 |
| Journeyman Carpenter..... | \$ 31.27 | 25.68 |
| Millwright..... | \$ 33.77 | 27.27 |

 ELEC0006-002 12/01/2011

MARIN, NAPA, SOLANO & SONOMA COUNTIES

| | Rates | Fringes |
|------------------------|----------|----------|
| Sound & Communications | | |
| Installer..... | \$ 30.12 | 3%+13.70 |
| Technician..... | \$ 34.29 | 3%+13.70 |

SCOPE OF WORK INCLUDES-

SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-

Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

 ELEC0180-001 06/01/2012

NAPA AND SOLANO COUNTIES

| | Rates | Fringes |
|-------------------------|----------|---------|
| CABLE SPLICER..... | \$ 42.81 | 22.161 |
| ELECTRICIAN..... | \$ 42.81 | 22.161 |
| ----- | | |
| ELEC0340-002 12/01/2010 | | |

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN,
NEVADA, PLACER, PLUMAS, SACRAMENTO, TRINITY, YOLO, YUBA COUNTIES

| | Rates | Fringes |
|------------------------|----------|----------|
| Communications System | | |
| Sound & Communications | | |
| Installer..... | \$ 24.13 | 3%+10.65 |
| Sound & Communications | | |
| Technician..... | \$ 27.75 | 3%+10.65 |

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS

Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS Perimeter security systems
Vibration sensor systems Card access systems Access control systems Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation)
Inventory Control Systems Digital Data Systems
Broadband and Baseband and Carriers Point of Sale Systems VSAT Data Systems Data Communication Systems RF and Remote Control Systems Fiber Optic Data Systems
WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition)

when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:

1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

 ELEC0340-003 12/01/2011

ALPINE (West of Sierra Mt. Watershed), AMADOR, BUTTE, COLUSA, EL DORADO (West of Sierra Mt. Watershed), GLENN, LASSEN, NEVADA (West of Sierra Mt. Watershed), PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA (West of Sierra Mt. Watershed), SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

| | Rates | Fringes |
|--|----------|----------|
| ELECTRICIAN | | |
| Remaining area..... | \$ 38.93 | 17.67 |
| Sierra Army Depot, Herlong.. | \$ 48.66 | 3%+13.25 |
| Tunnel work..... | \$ 40.88 | 3%+13.25 |
| CABLE SPLICER: Receives 110% of the Electrician basic hourly rate. | | |

 ELEC0401-005 12/01/2009

ALPINE (east of the main watershed divide), EL DORADO (east of the main watershed divide), NEVADA (east of the main watershed), PLACER (east of the main watershed divide) and SIERRA (east of the main watershed divide) COUNTIES:

| | Rates | Fringes |
|------------------|----------|----------|
| ELECTRICIAN..... | \$ 35.40 | 13.02+3% |

 ELEC0551-004 06/01/2012

MARIN AND SONOMA COUNTIES

| | Rates | Fringes |
|------------------|----------|---------|
| ELECTRICIAN..... | \$ 46.00 | 14.63 |

 ELEC0659-006 01/01/2012

DEL NORTE, MODOC and SISKIYOU COUNTIES

| | Rates | Fringes |
|------------------|----------|---------|
| ELECTRICIAN..... | \$ 30.02 | 14.45 |

 ELEC0659-008 02/01/2010

DEL NORTE, MODOC & SISKIYOU COUNTIES

| | Rates | Fringes |
|--|----------|---------|
| Line Construction | | |
| (1) Cable Splicer..... | \$ 47.34 | 13.74 |
| (2) Lineman, Pole Sprayer, Heavy Line Equipment Man.... | \$ 42.27 | 13.54 |

| | | |
|--------------------------------------|----------|-------|
| (3) Tree Trimmer..... | \$ 29.70 | 9.94 |
| (4) Line Equipment Man..... | \$ 36.35 | 10.85 |
| (5) Powdermen, Jackhammermen..... | \$ 31.90 | 10.00 |
| (6) Groundman..... | \$ 29.59 | 10.24 |

ELEC1245-004 06/01/2012

ALL COUNTIES EXCEPT DEL NORTE, MODOC & SISKIYOU

| | Rates | Fringes |
|--|----------|---------|
| LINE CONSTRUCTION | | |
| (1) Lineman; Cable splicer.. | \$ 48.95 | 14.05 |
| (2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment)..... | \$ 39.09 | 12.97 |
| (3) Groundman..... | \$ 29.91 | 12.70 |
| (4) Powderman..... | \$ 43.71 | 13.15 |

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day,
Independence Day, Labor Day, Veterans Day, Thanksgiving Day
and day after Thanksgiving, Christmas Day

ELEV0008-001 01/01/2012

| | Rates | Fringes |
|------------------------|----------|---------|
| ELEVATOR MECHANIC..... | \$ 57.29 | 23.535 |

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly
rate as vacation pay credit for employees with more than 5
years of service, and 6% for 6 months to 5 years of service.
PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day,
Labor Day, Veterans Day, Thanksgiving Day, Friday after
Thanksgiving, and Christmas Day.

ENGI0003-008 07/01/2012

| | Rates | Fringes |
|---|----------|---------|
| Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:) | | |
| AREA 1: | | |
| (1) Leverman..... | \$ 39.68 | 25.69 |
| (2) Dredge Dozer; Heavy duty repairman..... | \$ 34.72 | 25.69 |
| (3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator..... | \$ 33.60 | 25.69 |
| (4) Bargeman; Deckhand; Fireman; Leveehand; Oiler.. | \$ 33.60 | 25.69 |
| AREA 2: | | |
| (1) Leverman..... | \$ 41.68 | 25.69 |
| (2) Dredge Dozer; Heavy duty repairman..... | \$ 36.72 | 25.69 |
| (3) Booster Pump Operator; Deck | | |

| | | |
|-----------------------------|----------|-------|
| Engineer; Deck mate; | | |
| Dredge Tender; Winch | | |
| Operator..... | \$ 35.60 | 25.69 |
| (4) Bargeman; Deckhand; | | |
| Fireman; Leveehand; Oiler.. | \$ 32.30 | 25.69 |

AREA DESCRIPTIONS

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Remainder
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY:

Area 1: Remainder
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Except Eastern part
Area 2: Eastern part

MONTERREY COUNTY

Area 1: Except Southwestern part
Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of Sierra County
Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner
Area 2: Remainder

TEHAMA COUNTY:

Area 1: All but the Western border with Mendocino & Trinity
Counties
Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeastern border with
Shasta County
Area 2: Remainder

TUOLUMNE COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

ENGI0003-018 06/25/2012

"AREA 1" WAGE RATES ARE LISTED BELOW

"AREA 2" RECEIVES AN ADDITIONAL \$2.00 PER HOUR ABOVE AREA 1
RATES.

SEE AREA DEFINITIONS BELOW

| | Rates | Fringes |
|---------------------------|----------|---------|
| OPERATOR: Power Equipment | | |
| (AREA 1:) | | |
| GROUP 1..... | \$ 37.77 | 25.16 |
| GROUP 2..... | \$ 36.24 | 25.16 |
| GROUP 3..... | \$ 34.76 | 25.16 |
| GROUP 4..... | \$ 33.38 | 25.16 |
| GROUP 5..... | \$ 32.11 | 25.16 |
| GROUP 6..... | \$ 30.79 | 25.16 |
| GROUP 7..... | \$ 29.65 | 25.16 |
| GROUP 8..... | \$ 28.51 | 25.16 |
| GROUP 8-A..... | \$ 26.30 | 25.16 |
| OPERATOR: Power Equipment | | |
| (Cranes and Attachments - | | |
| AREA 1:) | | |
| GROUP 1 | | |
| Cranes..... | \$ 38.65 | 25.16 |
| Oiler..... | \$ 29.39 | 25.16 |
| Truck crane oiler..... | \$ 31.68 | 25.16 |
| GROUP 2 | | |
| Cranes..... | \$ 36.89 | 25.16 |

| | | |
|------------------------------|----------|-------|
| Oiler..... | \$ 29.18 | 25.16 |
| Truck crane oiler..... | \$ 31.42 | 25.16 |
| GROUP 3 | | |
| Cranes..... | \$ 35.14 | 25.16 |
| Hydraulic..... | \$ 30.79 | 25.16 |
| Oiler..... | \$ 28.90 | 25.16 |
| Truck Crane Oiler..... | \$ 31.18 | 25.16 |
| OPERATOR: Power Equipment | | |
| (Piledriving - AREA 1:) | | |
| GROUP 1 | | |
| Lifting devices..... | \$ 38.99 | 25.16 |
| Oiler..... | \$ 29.73 | 25.16 |
| Truck crane oiler..... | \$ 32.01 | 25.16 |
| GROUP 2 | | |
| Lifting devices..... | \$ 37.17 | 25.16 |
| Oiler..... | \$ 29.46 | 25.16 |
| Truck Crane Oiler..... | \$ 31.76 | 25.16 |
| GROUP 3 | | |
| Lifting devices..... | \$ 35.49 | 25.16 |
| Oiler..... | \$ 29.24 | 25.16 |
| Truck Crane Oiler..... | \$ 31.47 | 25.16 |
| GROUP 4 | | |
| Lifting devices..... | \$ 33.72 | 25.16 |
| GROUP 5 | | |
| Lifting devices..... | \$ 32.42 | 25.16 |
| GROUP 6 | | |
| Lifting devices..... | \$ 31.08 | 25.16 |
| OPERATOR: Power Equipment | | |
| (Steel Erection - AREA 1:) | | |
| GROUP 1 | | |
| Cranes..... | \$ 39.62 | 25.16 |
| Oiler..... | \$ 30.07 | 25.16 |
| Truck Crane Oiler..... | \$ 32.30 | 25.16 |
| GROUP 2 | | |
| Cranes..... | \$ 37.85 | 25.16 |
| Oiler..... | \$ 29.80 | 25.16 |
| Truck Crane Oiler..... | \$ 32.08 | 25.16 |
| GROUP 3 | | |
| Cranes..... | \$ 36.37 | 25.16 |
| Hydraulic..... | \$ 31.42 | 25.16 |
| Oiler..... | \$ 29.58 | 25.16 |
| Truck Crane Oiler..... | \$ 31.81 | 25.16 |
| GROUP 4 | | |
| Cranes..... | \$ 34.35 | 25.16 |
| GROUP 5 | | |
| Cranes..... | \$ 33.05 | 25.16 |
| OPERATOR: Power Equipment | | |
| (Tunnel and Underground Work | | |
| - AREA 1:) | | |
| SHAFTS, STOPES, RAISES: | | |
| GROUP 1..... | \$ 33.87 | 25.16 |
| GROUP 1-A..... | \$ 36.34 | 25.16 |
| GROUP 2..... | \$ 32.61 | 25.16 |
| GROUP 3..... | \$ 31.28 | 25.16 |
| GROUP 4..... | \$ 30.14 | 25.16 |
| GROUP 5..... | \$ 29.00 | 25.16 |
| UNDERGROUND: | | |
| GROUP 1..... | \$ 33.77 | 25.16 |
| GROUP 1-A..... | \$ 36.24 | 25.16 |
| GROUP 2..... | \$ 32.51 | 25.16 |
| GROUP 3..... | \$ 31.18 | 25.16 |
| GROUP 4..... | \$ 30.04 | 25.16 |
| GROUP 5..... | \$ 28.90 | 25.16 |

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber- tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed construction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper;

Boom- type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination; Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck- type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under; Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons;

PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

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TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunitite); Compressor operator; Oiler; Pump operator; Slusher operator

AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS, TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part

Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border
with Shasta County
Area 2: Remainder

MADERA COUNTY

Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder
Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts
Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder
Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of
Sierra County
Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner
Area 2: Remainder

TEHAMA COUNTY:

Area 1: All but the Western border with Mendocino & Trinity
Counties
Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeast border with
Shasta County
Area 2: Remainder

TULARE COUNTY;

Area 1: Remainder
Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder
 Area 2: Eastern Part

 ENGI0003-019 06/25/2012

SEE AREA DESCRIPTIONS BELOW

| | Rates | Fringes |
|--|----------|---------|
| OPERATOR: Power Equipment (LANDSCAPE WORK ONLY) | | |
| GROUP 1 | | |
| AREA 1..... | \$ 28.64 | 23.75 |
| AREA 2..... | \$ 30.64 | 23.75 |
| GROUP 2 | | |
| AREA 1..... | \$ 25.04 | 23.75 |
| AREA 2..... | \$ 27.04 | 23.75 |
| GROUP 3 | | |
| AREA 1..... | \$ 20.43 | 23.75 |
| AREA 2..... | \$ 22.43 | 23.75 |

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscapae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part
 Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part
 Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
 Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner
 Area 2: Remainder

ELDORADO COUNTY:
Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:
Area 1: Western part along the Southern portion of border
with Shasta County
Area 2: Remainder

MADERA COUNTY
Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Remainder
Area 2: Eastern part

MENDOCINO COUNTY:
Area 1: Central and Southeastern parts
Area 2: Remainder

MONTEREY COUNTY
Area 1: Remainder
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of
Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner
Area 2: Reaminder

TEHAMA COUNTY:

Area 1: All but the Western border with mendocino & Trinity
Counties
Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeaster border with
Shasta County
Area 2: Remainder

TULARE COUNTY;

Area 1: Remainder
Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder
Area 2: Eastern Part

* IRON0002-004 01/01/2013

| | Rates | Fringes |
|--|----------|---------|
| Ironworkers: | | |
| Fence Erector..... | \$ 26.58 | 16.74 |
| Ornamental, Reinforcing and Structural..... | \$ 33.00 | 25.30 |

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval
Reserve-Niland,
Edwards AFB, Fort Irwin Military Station, Fort Irwin Training
Center-Goldstone, San Clemente Island, San Nicholas Island,
Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine
Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base,
Naval Post Graduate School - Monterey, Yermo Marine Corps
Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

LABO0067-002 12/01/2011

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN
MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL
NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN,
MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA,
NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN,
SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA,
STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND
YUBA COUNTIES

| | Rates | Fringes |
|--------------------------|----------|---------|
| Asbestos Removal Laborer | | |
| Areas A & B..... | \$ 18.68 | 8.15 |
| LABORER (Lead Removal) | | |
| Area A..... | \$ 36.25 | 7.79 |
| Area B..... | \$ 35.25 | 7.79 |

ASBESTOS REMOVAL-SCOPE OF WORK: Site mobilization; initial site clean-up; site preparation; removal of asbestos-containing materials from walls and ceilings; or from pipes, boilers and mechanical systems only if they are being scrapped; encapsulation, enclosure and disposal of asbestos-containing materials by hand or with equipment or machinery; scaffolding; fabrication of temporary wooden barriers; and assembly of decontamination stations.

LABO0067-003 07/01/2009

AREA A: ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO & SANTA CLARA

AREA B: ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SIERRA, SHASTA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO & YUBA COUNTIES

| | Rates | Fringes |
|--|----------|---------|
| LABORER (TRAFFIC CONTROL/LANE CLOSURE) | | |
| Escort Driver, Flag Person | | |
| Area A..... | \$ 26.89 | 14.93 |
| Area B..... | \$ 25.89 | 14.93 |
| Traffic Control Person I | | |
| Area A..... | \$ 27.19 | 14.93 |
| Area B..... | \$ 26.19 | 14.93 |
| Traffic Control Person II | | |
| Area A..... | \$ 24.69 | 14.93 |
| Area B..... | \$ 23.69 | 14.93 |

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0067-006 06/28/2010

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, EL DORADO, FRESNO, GLENN, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

| | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

| | | |
|---|----------|-------|
| Laborers: (CONSTRUCTION CRAFT | | |
| LABORERS - AREA A:) | | |
| Construction Specialist | | |
| Group..... | \$ 27.84 | 15.82 |
| GROUP 1..... | \$ 27.14 | 15.82 |
| GROUP 1-a..... | \$ 27.36 | 15.82 |
| GROUP 1-c..... | \$ 27.19 | 15.82 |
| GROUP 1-e..... | \$ 27.69 | 15.82 |
| GROUP 1-f..... | \$ 27.72 | 15.82 |
| GROUP 1-g (Contra Costa | | |
| County)..... | \$ 27.34 | 15.82 |
| GROUP 2..... | \$ 26.99 | 15.82 |
| GROUP 3..... | \$ 26.89 | 15.82 |
| GROUP 4..... | \$ 20.58 | 15.82 |
| See groups 1-b and 1-d under laborer classifications. | | |
| Laborers: (CONSTRUCTION CRAFT | | |
| LABORERS - AREA B:) | | |
| Construction Specialist | | |
| Group..... | \$ 26.84 | 15.82 |
| GROUP 1..... | \$ 26.14 | 15.82 |
| GROUP 1-a..... | \$ 26.36 | 15.82 |
| GROUP 1-c..... | \$ 26.19 | 15.82 |
| GROUP 1-e..... | \$ 26.69 | 15.82 |
| GROUP 1-f..... | \$ 26.72 | 15.82 |
| GROUP 2..... | \$ 25.99 | 15.82 |
| GROUP 3..... | \$ 25.89 | 15.82 |
| GROUP 4..... | \$ 19.58 | 15.82 |
| See groups 1-b and 1-d under laborer classifications. | | |
| Laborers: (GUNITE - AREA A:) | | |
| GROUP 1..... | \$ 28.10 | 15.82 |
| GROUP 2..... | \$ 27.60 | 15.82 |
| GROUP 3..... | \$ 27.60 | 15.82 |
| GROUP 4..... | \$ 27.60 | 15.82 |
| Laborers: (GUNITE - AREA B:) | | |
| GROUP 1..... | \$ 27.10 | 15.82 |
| GROUP 2..... | \$ 26.60 | 15.82 |
| GROUP 3..... | \$ 26.01 | 15.82 |
| GROUP 4..... | \$ 25.89 | 15.82 |
| Laborers: (WRECKING - AREA A:) | | |
| GROUP 1..... | \$ 27.14 | 15.82 |
| GROUP 2..... | \$ 26.99 | 15.82 |
| Laborers: (WRECKING - AREA B:) | | |
| GROUP 1..... | \$ 26.14 | 15.82 |
| GROUP 2..... | \$ 25.99 | 15.82 |
| Landscape Laborer (GARDENERS, | | |
| HORTICULTURAL & LANDSCAPE | | |
| LABORERS - AREA A:) | | |
| (1) New Construction..... | \$ 26.89 | 15.82 |
| (2) Establishment Warranty | | |
| Period..... | \$ 20.58 | 15.82 |
| Landscape Laborer (GARDENERS, | | |
| HORTICULTURAL & LANDSCAPE | | |
| LABORERS - AREA B:) | | |
| (1) New Construction..... | \$ 25.89 | 15.82 |
| (2) Establishment Warranty | | |
| Period..... | \$ 19.58 | 15.82 |

FOOTNOTES:
 Laborers working off or with or from bos'n chairs, swinging
 scaffolds, belts shall receive \$0.25 per hour above the
 applicable wage rate. This shall not apply to workers
 entitled to receive the wage rate set forth in Group 1-a
 below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in-place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalars (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$

.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 1-g, CONTRA COSTA COUNTY: Pipelayer (including grade checking in connection with pipelaying); Caulker; Bander; Pipewrapper; Conduit layer; Plastic pipe layer; Pressure pipe tester; No joint pipe and stripping of same, including repair of voids; Precast manhole setters, cast in place manhole form setters

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:

- A: at demolition site for the salvage of the material.
- B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
- C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

GUNITE LABORER CLASSIFICATIONS

- GROUP 1: Structural Nozzleman
- GROUP 2: Nozzleman, Gunman, Potman, Groundman
- GROUP 3: Reboundman
- GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

- GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)
- GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0067-010 07/01/2010

| | Rates | Fringes |
|----------------------------|----------|---------|
| Tunnel and Shaft Laborers: | | |
| GROUP 1..... | \$ 33.35 | 16.08 |
| GROUP 2..... | \$ 33.12 | 16.08 |
| GROUP 3..... | \$ 32.87 | 16.08 |
| GROUP 4..... | \$ 32.42 | 16.08 |
| GROUP 5..... | \$ 31.88 | 16.08 |
| Shotcrete Specialist..... | \$ 33.87 | 16.08 |

TUNNEL AND SHAFT CLASSIFICATIONS

- GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlelemen
- GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)
- GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house
- GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)
- GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0073-001 07/01/2009

| | Rates | Fringes |
|-----------------------|----------|---------|
| Plasterer tender..... | \$ 28.37 | 14.14 |

LABO0139-002 07/01/2011

NAPA, SOLANO AND SONOMA COUNTIES

| | Rates | Fringes |
|-------------------------|----------|---------|
| LABORER (Brick) | | |
| Mason Tender-Brick..... | \$ 30.87 | 14.52 |
| ----- | | |
| LABO0185-002 07/01/2011 | | |

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

| | Rates | Fringes |
|-------------------------|----------|---------|
| LABORER | | |
| Mason Tender-Brick..... | \$ 30.62 | 14.43 |
| ----- | | |
| LABO0291-001 07/01/2011 | | |

MARIN COUNTY

| | Rates | Fringes |
|-------------------------|----------|---------|
| LABORER | | |
| Mason Tender-Brick..... | \$ 31.87 | 14.43 |
| ----- | | |
| PAIN0016-004 01/01/2012 | | |

MARIN, NAPA, SOLANO & SONOMA COUNTIES

| | Rates | Fringes |
|----------------|----------|---------|
| Painters:..... | \$ 33.09 | 19.83 |

PREMIUMS:

EXOTIC MATERIALS - \$0.75 additional per hour.
 SPRAY WORK: - \$0.50 additional per hour.
 INDUSTRIAL PAINTING - \$0.25 additional per hour
 [Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:

over 50 feet - \$2.00 per hour additional
 100 to 180 feet - \$4.00 per hour additional
 Over 180 feet - \$6.00 per hour additional

| | | |
|---|--|--|
| ----- | | |
| PAIN0016-005 01/01/2012 | | |
| ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES | | |

| | Rates | Fringes |
|-----------------------------|----------|---------|
| DRYWALL FINISHER/TAPER..... | \$ 36.24 | 18.24 |
| ----- | | |
| PAIN0016-007 01/01/2012 | | |

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Highway 395, excluding Honey Lake), MODOC, NEVADA (west of the Sierra Nevada

Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

| | Rates | Fringes |
|----------------|----------|---------|
| Painters:..... | \$ 28.35 | 15.74 |

SPRAY/SANDBLAST: \$0.50 additional per hour.
 EXOTIC MATERIALS: \$1.00 additional per hour.
 HIGH TIME: Over 50 ft above ground or water level \$2.00 additional per hour. 100 to 180 ft above ground or water level \$4.00 additional per hour. Over 180 ft above ground or water level \$6.00 additional per hour.

PAIN0016-008 01/01/2012

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

| | Rates | Fringes |
|-----------------------|----------|---------|
| SOFT FLOOR LAYER..... | \$ 44.87 | 17.78 |

PAIN0169-004 01/01/2012

MARIN , NAPA & SONOMA COUNTIES; SOLANO COUNTY (west of a line defined as follows: Hwy. 80 corridor beginning at the City of Fairfield, including Travis Air Force Base and Suisun City; going north of Manakas Corner Rd., continue north on Suisun Valley Rd. to the Napa County line; Hwy. 80 corridor south on Grizzly Island Rd. to the Grizzly Island Management area)

| | Rates | Fringes |
|--------------|----------|---------|
| GLAZIER..... | \$ 41.88 | 20.39 |

* PAIN0567-001 01/01/2011

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

| | Rates | Fringes |
|------------------------------|----------|---------|
| Painters: | | |
| Brush and Roller..... | \$ 23.68 | 9.06 |
| Spray Painter & Paperhanger. | \$ 24.53 | 9.06 |

PREMIUMS:
 Special Coatings (Brush), and Sandblasting = \$0.50/hr
 Special Coatings (Spray), and Steeplejack = \$1.00/hr
 Special Coating Spray Steel = \$1.25/hr
 Swing Stage = \$2.00/hr

*A special coating is a coating that requires the mixing of 2 or more products.

PAIN0567-007 07/01/2012

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN

COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains) AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

| | Rates | Fringes |
|-----------------------|----------|---------|
| SOFT FLOOR LAYER..... | \$ 25.15 | 11.24 |

 PAIN0567-010 07/01/2012

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

| | Rates | Fringes |
|--|----------|---------|
| Drywall | | |
| (1) Taper..... | \$ 27.07 | 10.57 |
| (2) Steeplejack - Taper, over 40 ft with open space below..... | \$ 28.57 | 10.57 |

 PAIN0767-004 01/01/2012

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO (Remainder), SUTTER, TEHAMA, TRINITY, YOLO, YUBA

| | Rates | Fringes |
|--------------|----------|---------|
| GLAZIER..... | \$ 32.24 | 18.59 |

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive \$1.50 per hour above the basic hourly rate at any elevation.

 PAIN1176-001 07/01/2011

HIGHWAY IMPROVEMENT

| | Rates | Fringes |
|---------------------------------------|----------|---------|
| Parking Lot Striping/Highway Marking: | | |
| GROUP 1..... | \$ 31.35 | 11.65 |
| GROUP 2..... | \$ 26.65 | 11.65 |
| GROUP 3..... | \$ 26.96 | 11.65 |

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

 PAIN1237-001 01/01/2012

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

| | Rates | Fringes |
|-----------------------|----------|---------|
| SOFT FLOOR LAYER..... | \$ 28.25 | 16.53 |

 PLAS0300-003 07/01/2009

| | Rates | Fringes |
|--|----------|---------|
| PLASTERER | | |
| AREA 295: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehama, Trinity, Yolo & Yuba Counties..... | \$ 32.82 | 15.10 |
| AREA 355: Marin, Napa & Sonoma Counties..... | \$ 32.82 | 15.30 |

 PLAS0300-005 06/28/2010

| | Rates | Fringes |
|-----------------------------------|----------|---------|
| CEMENT MASON/CONCRETE FINISHER... | \$ 28.65 | 18.56 |

 PLUM0038-002 07/01/2012

| MARIN AND SONOMA COUNTIES | | |
|--|----------|---------|
| | Rates | Fringes |
| PLUMBER (Plumber, Steamfitter, Refrigeration Fitter) | | |
| (1) Work on wooden frame structures 5 stories or less excluding high-rise buildings and commercial work such as hospitals, prisons, hotels, schools, casinos, wastewater treatment plants, and research facilities as well as refrigeration pipefitting, service and repair work - MARKET RECOVERY RATE..... | \$ 51.00 | 37.36 |
| (2) All other work - NEW CONSTRUCTION RATE..... | \$ 60.00 | 39.94 |

 PLUM0038-006 07/01/2012

MARIN & SONOMA COUNTIES

| | Rates | Fringes |
|--|----------|---------|
| Landscape/Irrigation Fitter (Underground/Utility Fitter)..... | \$ 51.00 | 29.40 |
| ----- | | |
| PLUM0228-001 07/01/2012 | | |

BUTTE, COLUSA, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA,
SISKIYOU, SUTTER, TEHAMA, TRINITY & YUBA COUNTIES

| | Rates | Fringes |
|-------------------------|----------|---------|
| PLUMBER..... | \$ 36.20 | 23.54 |
| ----- | | |
| PLUM0343-001 07/01/2012 | | |

NAPA AND SOLANO COUNTIES

| | Rates | Fringes |
|-----------------------|----------|---------|
| PLUMBER/PIPEFITTER | | |
| Light Commercial..... | \$ 30.60 | 18.50 |
| All Other Work..... | \$ 46.25 | 26.45 |

DEFINITION OF LIGHT COMMERCIAL:
Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total plumbing bid does not exceed Two Hundred and Fifty Thousand (\$250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand (\$250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand (\$250,000) for the plumbing bid; and Two Hundred Fifty Thousand (\$250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects, regardless size of the project

FOOTNOTES: While fitting galvanized material: \$.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: \$.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: \$.75 per hour additional.

PLUM0350-001 01/01/2011

EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

| | Rates | Fringes |
|-------------------------|----------|---------|
| PLUMBER/PIPEFITTER..... | \$ 34.60 | 10.50 |
| ----- | | |
| PLUM0355-001 07/01/2012 | | |

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC,
NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA,
SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA
COUNTIES

| | Rates | Fringes |
|--|----------|---------|
| Underground Utility Worker /Landscape Fitter..... | \$ 28.35 | 8 |
| ----- | | |

PLUM0442-003 10/01/2012

AMADOR (South of San Joaquin River) and ALPINE COUNTIES

| | Rates | Fringes |
|--------------|----------|---------|
| PLUMBER..... | \$ 35.95 | 23.79 |

 PLUM0447-001 07/01/2012

AMADOR (north of San Joaquin River), EL DORADO (excluding Lake Tahoe area), NEVADA (excluding Lake Tahoe area); PLACER (excluding Lake Tahoe area), SACRAMENTO AND YOLO COUNTIES

| | Rates | Fringes |
|----------------------------|----------|---------|
| PLUMBER/PIPEFITTER | | |
| Journeyman..... | \$ 40.02 | 22.35 |
| Light Commercial Work..... | \$ 30.48 | 17.22 |

 ROOF0081-006 08/01/2011

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

| | Rates | Fringes |
|------------|----------|---------|
| Rofer..... | \$ 33.16 | 10.90 |

 ROOF0081-007 08/01/2012

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

| | Rates | Fringes |
|------------|----------|---------|
| Rofer..... | \$ 32.33 | 11.97 |

 SFCA0483-003 07/30/2012

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

| | Rates | Fringes |
|---|----------|---------|
| SPRINKLER FITTER (Fire Sprinklers)..... | \$ 50.84 | 23.97 |

 SFCA0669-003 04/01/2012

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

| | Rates | Fringes |
|-----------------------|----------|---------|
| SPRINKLER FITTER..... | \$ 33.03 | 19.22 |

 SHEE0104-006 07/01/2009

MARIN, NAPA, SOLANO SONOMA & TRINITY COUNTIES

| | Rates | Fringes |
|--------------------|-------|---------|
| Sheet Metal Worker | | |

| | | |
|------------------------|----------|-------|
| Mechanical Contracts | | |
| \$200,000 or less..... | \$ 43.32 | 26.40 |
| All other work..... | \$ 47.73 | 26.67 |

SHEE0104-009 07/01/2012

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER,
YOLO AND YUBA COUNTIES

| | Rates | Fringes |
|-------------------------|----------|---------|
| SHEET METAL WORKER..... | \$ 37.81 | 27.95 |

SHEE0104-010 07/01/2012

ALPINE COUNTY

| | Rates | Fringes |
|-------------------------|----------|---------|
| SHEET METAL WORKER..... | \$ 34.75 | 25.35 |

SHEE0104-011 07/01/2012

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER,
PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA,
YOLO AND YUBA COUNTIES

| | Rates | Fringes |
|--|----------|---------|
| Sheet Metal Worker (Metal decking and siding only)..... | \$ 37.81 | 27.95 |

SHEE0104-014 07/01/2012

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

| | Rates | Fringes |
|--|----------|---------|
| SHEET METAL WORKER (Metal Decking and Siding only)..... | \$ 33.11 | 29.98 |

SHEE0104-019 07/01/2012

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU
AND TEHAMA COUNTIES

| | Rates | Fringes |
|---|----------|---------|
| SHEET METAL WORKER | | |
| Mechanical Jobs \$200,000 & under..... | \$ 29.08 | 26.14 |
| Mechanical Jobs over \$200,000..... | \$ 37.81 | 27.95 |

TEAM0094-001 07/01/2012

| | Rates | Fringes |
|----------------|----------|---------|
| Truck drivers: | | |
| GROUP 1..... | \$ 27.13 | 22.49 |
| GROUP 2..... | \$ 27.43 | 22.49 |
| GROUP 3..... | \$ 27.73 | 22.49 |
| GROUP 4..... | \$ 28.08 | 22.49 |
| GROUP 5..... | \$ 28.43 | 22.49 |

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate. Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====
 Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters, PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

 WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

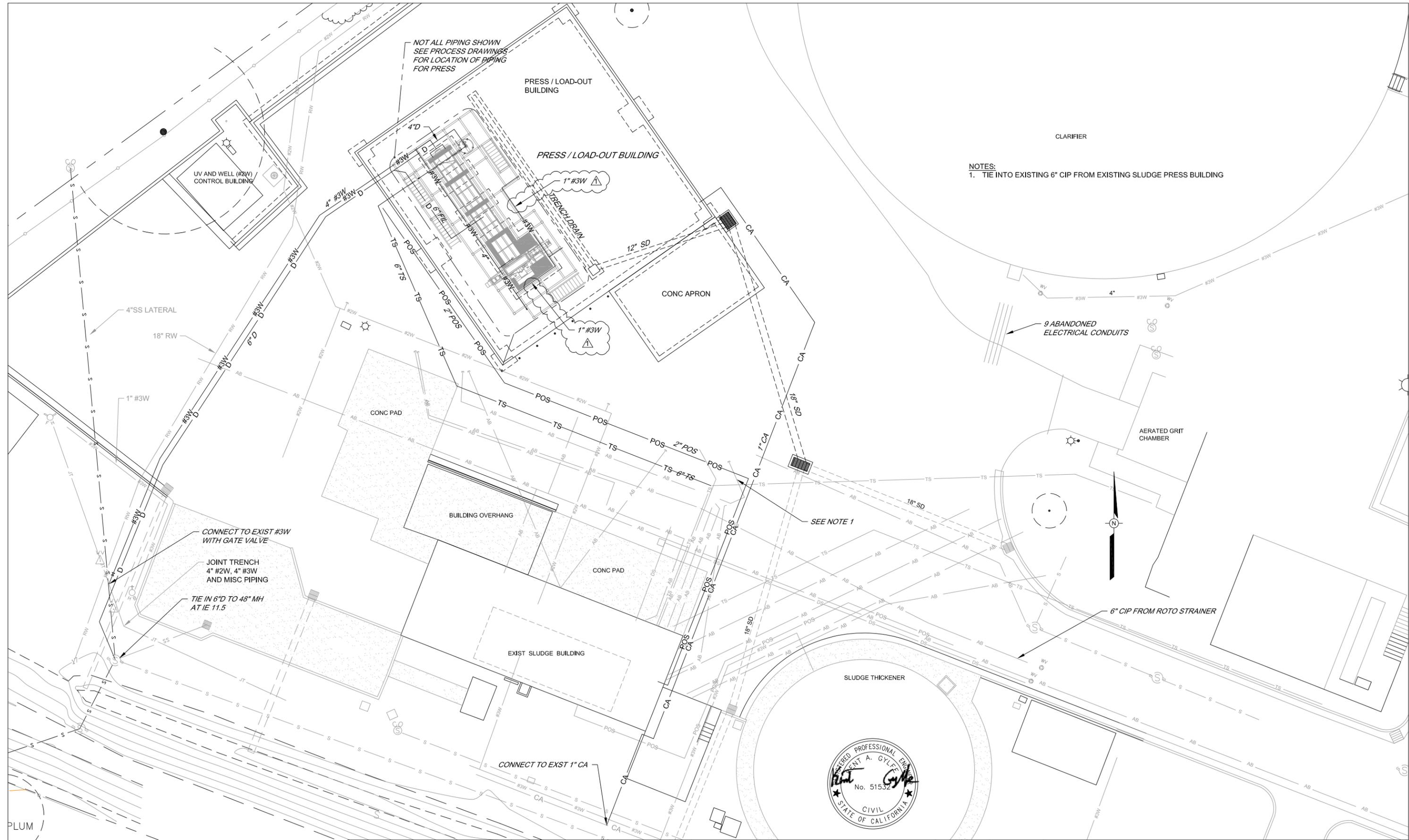
3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION



NOTES:
 1. TIE INTO EXISTING 6" CIP FROM EXISTING SLUDGE PRESS BUILDING

BAR LENGTH ON ORIGINAL
 DRAWING EQUALS ONE INCH.
 ADJUST SCALE ACCORDINGLY

| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | RS |

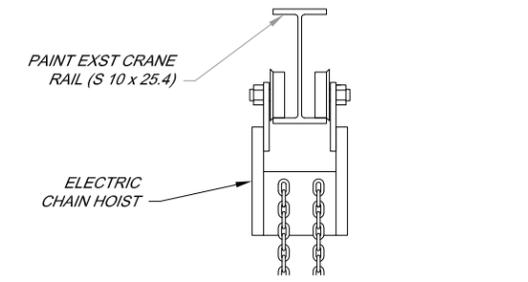
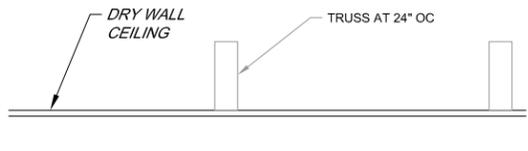
SONOMA VALLEY COUNTY
 SANITATION DISTRICT



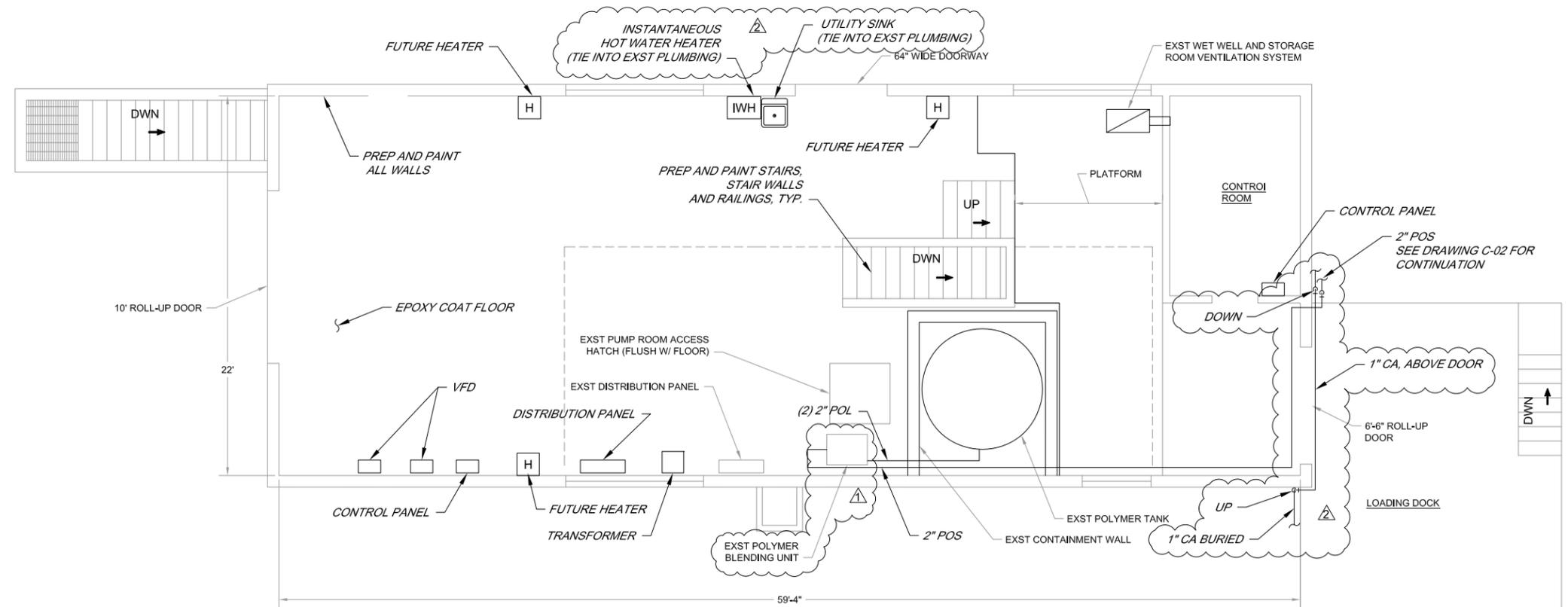
SCALE: 1" = 10'
 DATE: 10/30/2012
 DRAWN: ADF
 REVIEWED: [Signatures]

SVCSD BIOSOLIDS MANAGEMENT UPGRADE
 YARD PIPING LAYOUT

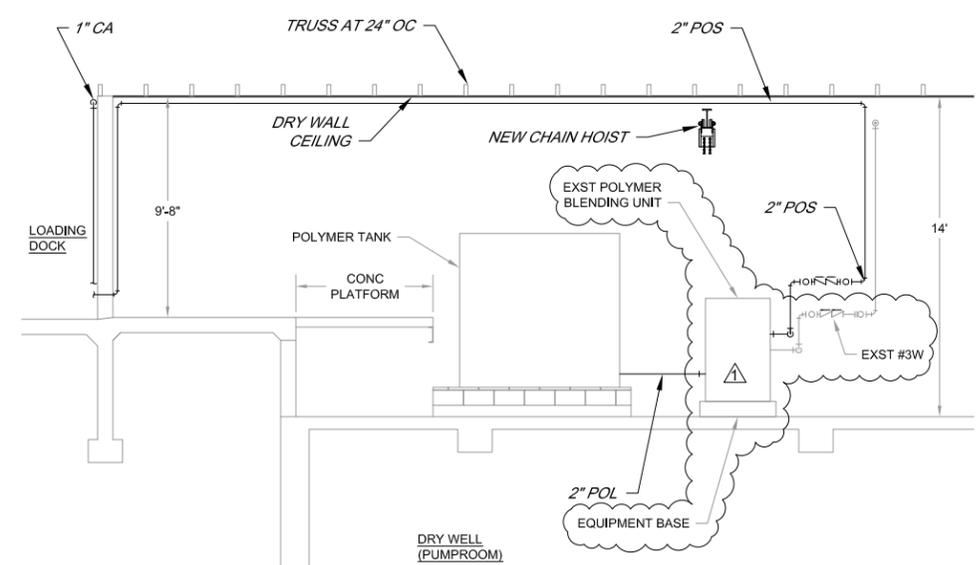
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 CONTRACT NUMBER: 70-712-7#2
 DRAWING NUMBER: C-02
 SHEET 12 OF 49



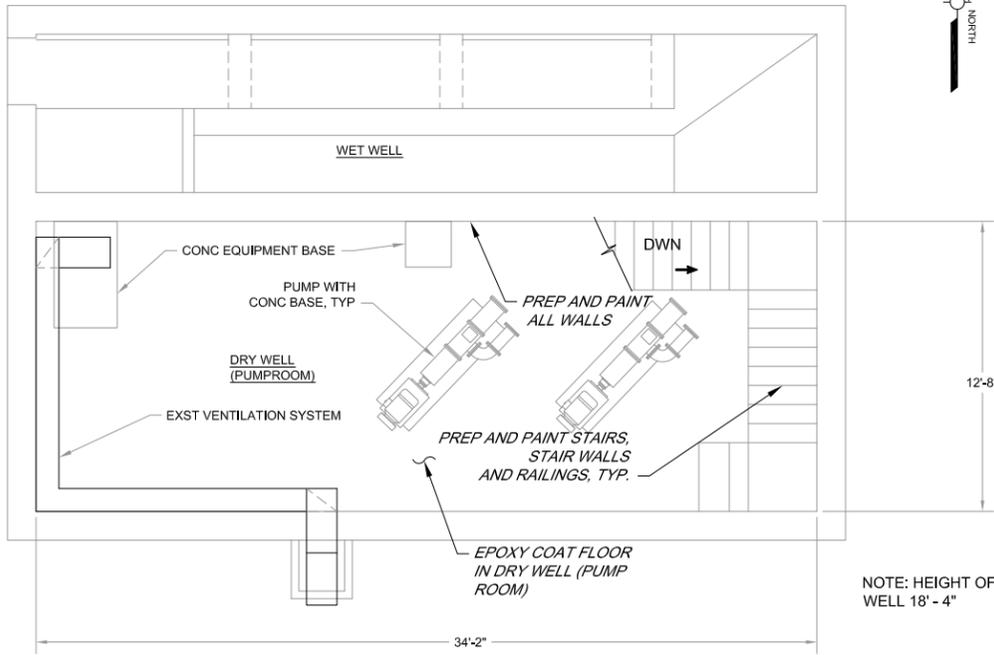
CHAIN HOIST
NTS



PLAN - GROUND FLOOR
SCALE: 1/4" = 1'-0"



PARTIAL INTERIOR ELEVATION - SOUTH WALL
SCALE: 1/4" = 1'-0"



PLAN - DRY WELL (PUMP ROOM)
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
1. FIELD VERIFY ALL DIMENSIONS SHOWN OR NOTED ON THE DRAWING.

NOTE: HEIGHT OF WET WELL 18' - 4"



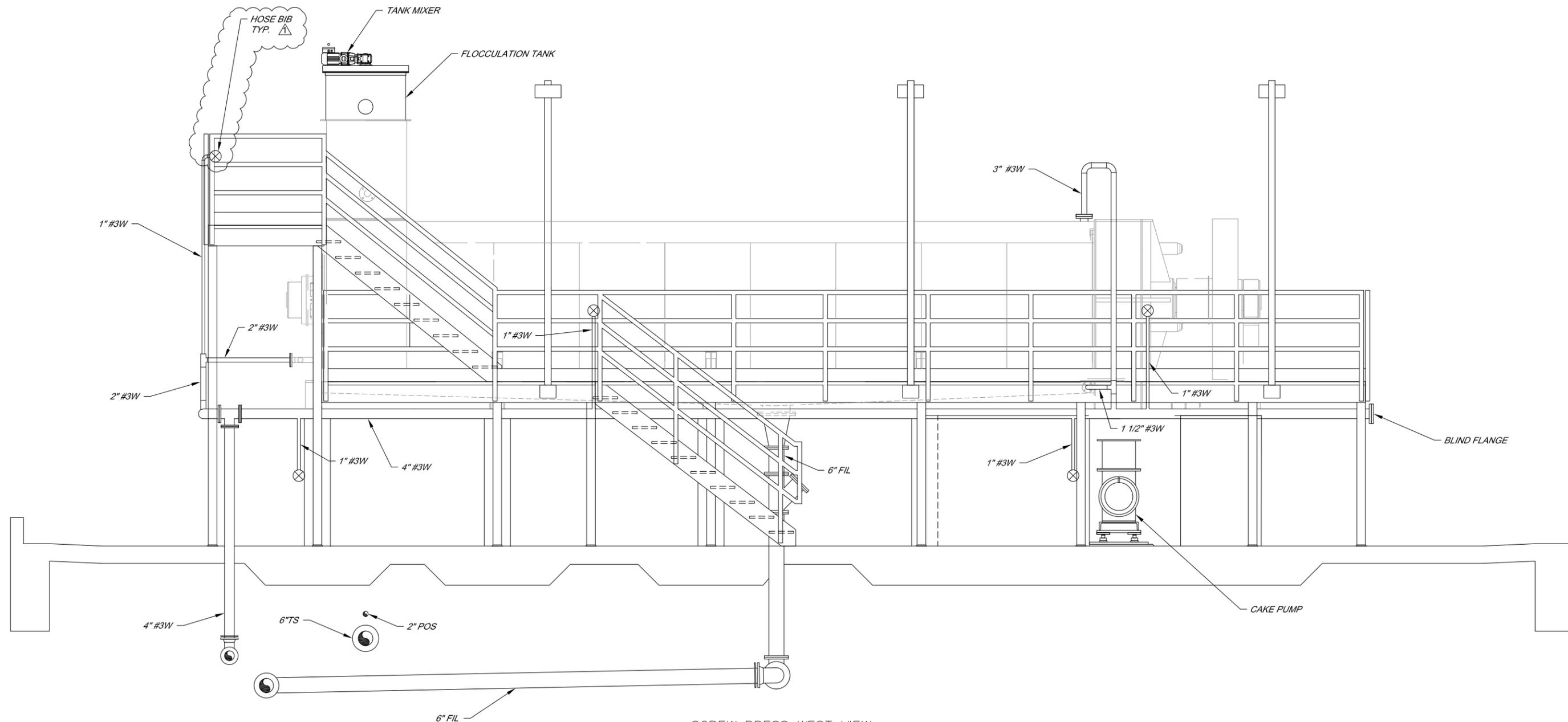
| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | RS |
| 2 | 3 JAN 2013 | ADDENDUM NO. 3 | RS |

**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

| | | | |
|-----------|----------|-------|------------|
| SCALE: | AS SHOWN | DATE: | 10/30/2012 |
| DRAWN: | --- | | |
| REVIEWED: | | | |

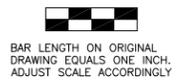
| | | | |
|---|---------------------|-----------------|----------------|
| SVCSD BIOSOLIDS MANAGEMENT UPGRADE EXISTING SLUDGE PRESS BUILDING ARCHITECTURAL SECTION, PLAN AND DETAILS | | | |
| FILE NAME: | 4051_ARCHTECTURAL-2 | DRAWING NUMBER: | A-03 |
| CONTRACT NUMBER: | 70-712-7#2 | | SHEET 15 OF 49 |

\\sca-datal\Prof\Sanitation\sonoma valley csd\treatment plant\4051_Biosolids\4051-DESIGN\4051_PROCESS_PRESS



SCREW PRESS WEST VIEW

SCALE: 1/2" = 1'-0"



BAR LENGTH ON ORIGINAL
DRAWING EQUALS ONE INCH.
ADJUST SCALE ACCORDINGLY



| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | RS |

SONOMA VALLEY COUNTY
SANITATION DISTRICT

| | | | |
|-----------|-------------------|-------|------------|
| SCALE: | AS SHOWN | DATE: | 10/30/2012 |
| DRAWN: | ADF | | |
| REVIEWED: | <i>Kent Gylfe</i> | | |

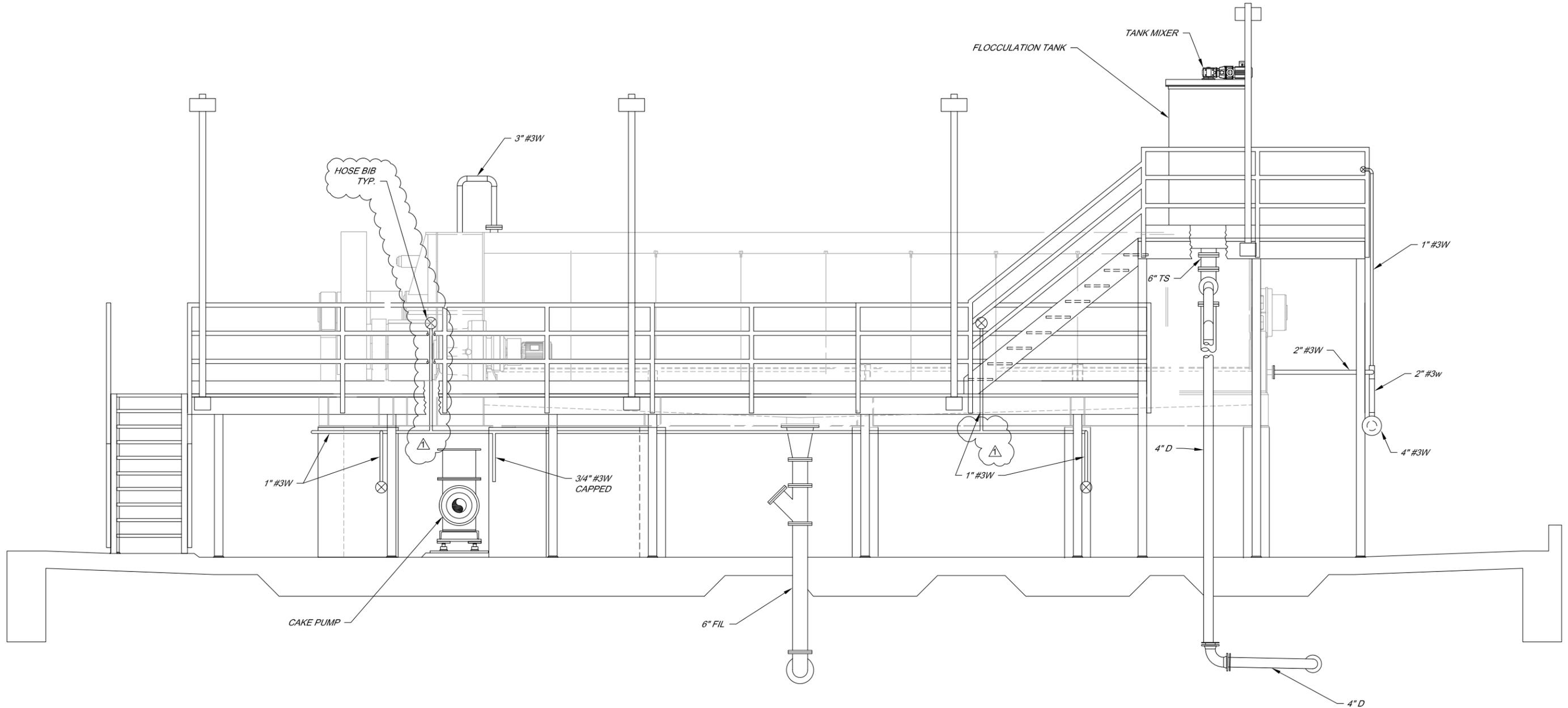
SVCSD BIOSOLIDS MANAGEMENT UPGRADE
SCREW PRESS - WEST VIEW

FILE NAME: 4051_PROCESS_PRESS
CONTRACT NUMBER: 70-712-7#2

DRAWING NUMBER: P-01

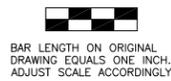
SHEET 25 OF 49

\\sca-datal\Prof\Sanitation\sonoma valley csd\treatment plant\4051_Biosolids\4051-DESIGN\4051_PROCESS_PRESS



SCREW PRESS EAST VIEW

SCALE: 1/2" = 1'-0"



BAR LENGTH ON ORIGINAL
DRAWING EQUALS ONE INCH.
ADJUST SCALE ACCORDINGLY



| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | RS |

SONOMA VALLEY COUNTY
SANITATION DISTRICT

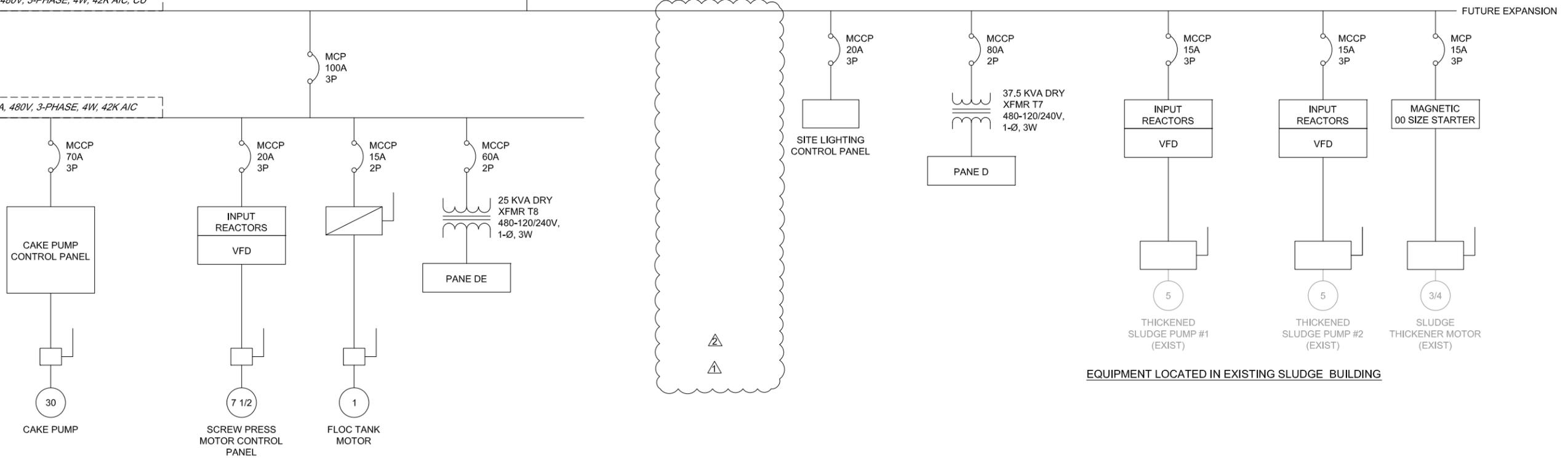
| | | | |
|-----------|----------|-------|------------|
| SCALE: | AS SHOWN | DATE: | 10/30/2012 |
| DRAWN: | ADF | | |
| REVIEWED: | | | |

| | | | |
|------------------------------------|--------------------|-----------------|----------------|
| SVCSD BIOSOLIDS MANAGEMENT UPGRADE | | | |
| SCREW PRESS - EAST VIEW | | | |
| FILE NAME: | 4051_PROCESS_PRESS | DRAWING NUMBER: | P-03 |
| CONTRACT NUMBER: | 70-712-7#2 | | SHEET 27 OF 49 |

EXISTING 200A CB IN SWBD 1 IN INFLUENT/EFFLUENT BLDG
 MCP 200A 3P
 DIGITAL CUSTOMER POWER METER. SEE NOTE 1

DISTRIBUTION PANEL 4, 200A, 480V, 3-PHASE, 4W, 42K AIC, CU

DISTRIBUTION PANEL 5, 100A, 480V, 3-PHASE, 4W, 42K AIC



EQUIPMENT LOCATED IN EXISTING SLUDGE BUILDING

| | | LOAD DATA | | | |
|------------|--------------------------|-----------|--------|-------|--------|
| | | HP | KVA | KW | AMP |
| 1 | SCREW PRESS | 7.5 | 9.1 | 5.6 | 11.0 |
| 3 | THICKENED SLUDGE PUMP #1 | 5.0 | 6.31 | 3.73 | 7.6 |
| 4 | THICKENED SLUDGE PUMP #2 | 5.0 | 6.31 | 3.73 | 7.6 |
| 5 | CAKE PUMP | 30.0 | 33.22 | 22.38 | 40 |
| 6 | POLYMER BLENDING UNIT | 0.5 | 1.33 | 0.4 | 29 |
| 7 | FLOC TANK | 1 | 1.01 | 0.75 | 15 |
| 10 | SLUDGE THICKENER | 0.75 | 1.33 | 0.56 | 1.6 |
| 11 | PANEL "DE" | | 25 | | 52.08 |
| 12 | PANEL "D" | | 37.5 | | 78.13 |
| 13 | SITE LIGHTING | | | | 10 |
| 14 | | | | | |
| TOTAL MCC4 | | | 121.14 | | 201.71 |

NOTES:
 1. PROVIDED CT CABINET AND 3-PHASE DIGITAL CUSTOMER METER ADJACENT TO DISTRIBUTION PANEL 4

ELECTRICAL LOAD STUDY - DISTRIBUTION PANEL

\\s-e-data\Professionals\sonoma_valley_csd\treatment_plant\4051_Biosolids\4051-DESIGN\4051_E06-10

BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY

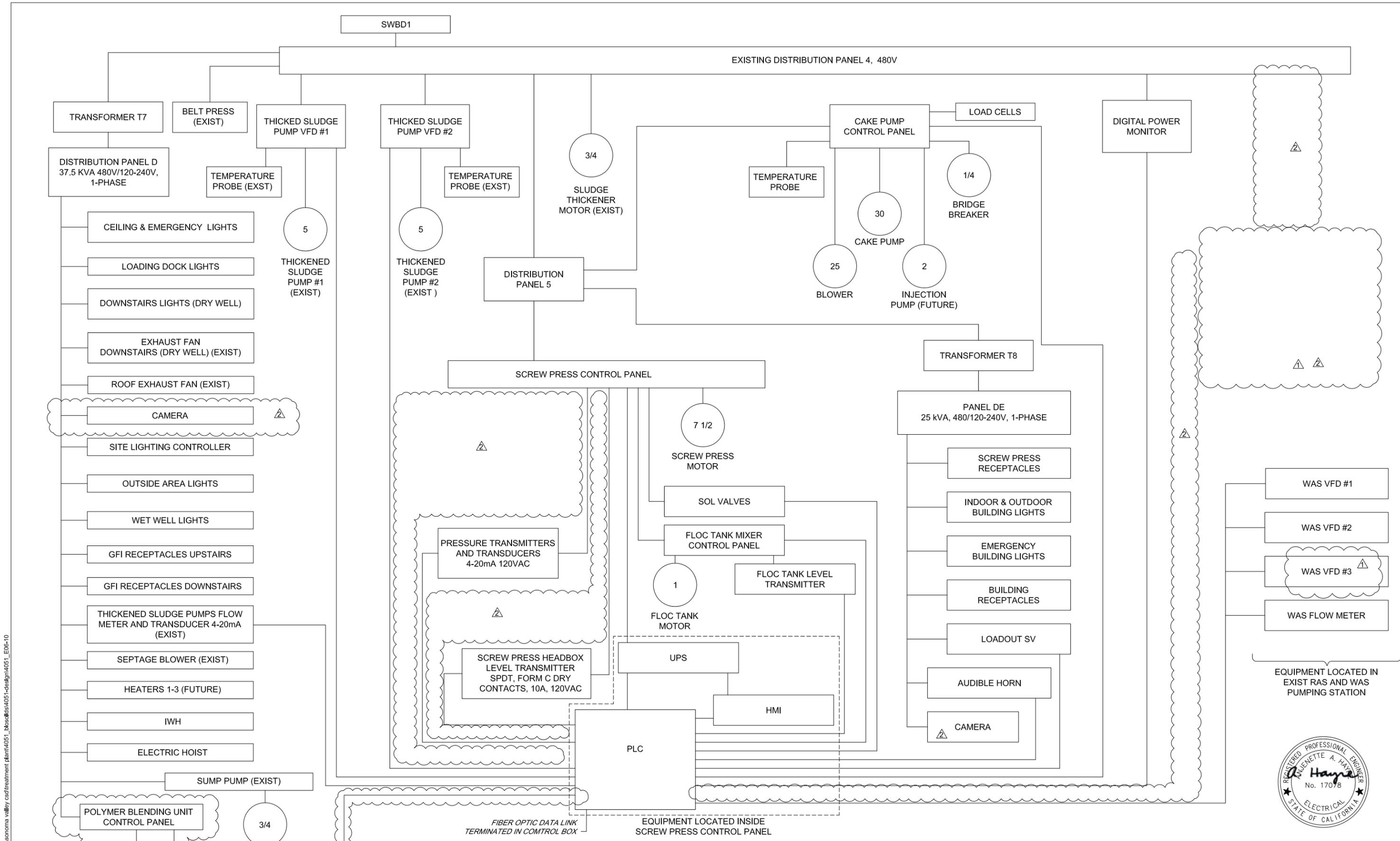


| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | AH |
| 2 | 3 JAN 2013 | ADDENDUM NO. 3 | AH |

SONOMA VALLEY COUNTY SANITATION DISTRICT

SCALE: AS SHOWN DATE: 10/30/2012
 DRAWN: ADF
 REVIEWED: [Signatures]

SVCSD BIOSOLIDS MANAGEMENT UPGRADE
 MCC SINGLE LINE DIAGRAM
 FILE NAME: 4051_E06-10
 CONTRACT NUMBER: 70-712-7#2
 DRAWING NUMBER: E-06
 SHEET 34 OF 49



\\sc-data\proj\sanitation\sonoma_valley_csd\treatment\plant\4051_biosolids\4051-design\4051_E06-10

BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY.

| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | AH |
| 2 | 3 JAN 2013 | ADDENDUM NO. 3 | AH |

**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

SCALE: AS SHOWN DATE: 10/30/2012
 DRAWN: ADF
 REVIEWED: *Kent Gylfe*

SVCSD BIOSOLIDS MANAGEMENT UPGRADE
ELECTRICAL BLOCK DIAGRAM
 FILE NAME: 4051_E06-10
 CONTRACT NUMBER: 70-712-7#2
 DRAWING NUMBER: E-07
 SHEET 35 OF 49



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| TAG | CON-DUIT | CABLES | ORIGIN | TERMINATION | REMARKS |
|---------|----------------|---------------------------|---------------------------------------|--|--|
| P94 | 2" | 4 #1/0 | DISTRIBUTION PANEL 4 | DISTRIBUTION PANEL 5 | POWER |
| P94-1 | 2" | - | EX SLUDGE PRESS BLDG | PRESS/LOAD-OUT BLDG | SPARE POWER TERMINATED OUTSIDE BLDGS IN PULL BOX |
| P95 | EX | EX | DISTRIBUTION PANEL 4 | TRANSFORMER T7 | |
| P96 | 1" | 3 #2 & #2G | TRANSFORMER T7 | PANEL D | LOCATED IN EX SLUDGE PRESS BUILDING |
| P96-1 | 3/4" | 2 #12 | PANEL D | CEILING LIGHTS | |
| P96-2 | 3/4" | 2 #12 | PANEL D | LOADING DOCK LIGHTS | |
| P96-3 | 3/4" | 2 #12 | PANEL D | DOWNSTAIRS LIGHTS | |
| P96-4 | 3/4" | 2 #10 & #10G | PANEL D | EXHAUST FAN DOWNSTAIRS | |
| P96-5 | 3/4" | 2 #10 & #10G | PANEL D | ROOF EXHAUST FAN | |
| P96-6 | 3/4" | 2 #12 | PANEL D | OUTDOOR LIGHTS | |
| P96-7 | 3/4" | 2 #12 | PANEL D | WET WELL LIGHTS | |
| P96-8 | 3/4" | 2 #12 & #12G | PANEL D | SUMP PUMP | |
| P96-9 | 3/4" | 2 #12 & #12G | PANEL D | GFI RECEPTACLES UPSTAIRS | |
| P96-10 | 3/4" | 2 #12 & #12G | PANEL D | GFI RECEPTACLES DOWNSTAIRS | |
| P96-11 | 3/4" | 2 #12 | PANEL D | EMERGENCY LIGHTS | |
| P96-12 | 3/4" | 3 #8 & #8G | PANEL D | TANKLESS WATER HEATER | |
| P96-13 | 3/4" | 2 #12 & #12G | PANEL D | CAMERA | |
| P96-14 | 3/4" | 2 #12 & #12G | PANEL D | THICKENED SLUDGE PUMPS FLOW METER TRANSDUCER | |
| P96-15 | 3/4" | 2 #8 & #8G | PANEL D | WALL HEATER # 1 | |
| P96-16 | 3/4" | 2 #8 & #8G | PANEL D | WALL HEATER # 2 | |
| P96-17 | 3/4" | 2 #8 & #8G | PANEL D | WALL HEATER # 3 | |
| P96-18 | 3/4" | 2 #12 & #12G | PANEL D | ELECTRIC HOIST | |
| P97 | 1" | 2 #6 & #6G | PANEL 5 | TRANSFORMER T8 | |
| P98 | 1" | 2 #6 & #6G | TRANSFORMER T8 | PANEL DE | |
| P98-1 | 3/4" | 2 #12 | PANEL DE | PRESS/LOAD-OUT BLDG LIGHTS | |
| P98-2 | 3/4" | 2 #12 & 1 #12G | PANEL DE | PRESS/LOAD-OUT BLDG RECEPTACLES | |
| P98-3 | 3/4" | 2 #12 | PANEL DE | PRESS/LOAD-OUT BLDG EMERGENCY LIGHTS | |
| P98-4 | 3/4" | 2 #12 & 1 #12G | PANEL DE | CAMERA | |
| P98-5 | 3/4" | 2 #12 & 1 #12G | PANEL DE | POLE AREA LIGHTS | |
| P111 | 1" | 2 #10, 1 #10G | DISTRIBUTION PANEL 4 | SITE LIGHTING CONTACTOR CONTROL PANEL | |
| P111B | 1" | 2 #10, 1 #10G | SITE LIGHTING CONTACTOR CONTROL PANEL | RELOCATED LIGHT POLE - GRIT CHAMBER AREA | |
| P111C | 1" | 2 #10, 1 #10G | SITE LIGHTING CONTACTOR CONTROL PANEL | EXIST LIGHT POLE - EX SLUDGE PRESS BUILDING | |
| P201 | 1" | 3 #12 | DISTRIBUTION PANEL 4 | THICKENED SLUDGE PUMP # 1 VFD | POWER |
| P201A | 1" | 3 #12 | THICKENED SLUDGE PUMP # 1 VFD | THICKENED SLUDGE PUMP # 1 | REPLACE EXST WIRING |
| P202 | 1" | 3 #12 | DISTRIBUTION PANEL 4 | THICKENED SLUDGE PUMP # 2 VFD | POWER |
| P202A | 1" | 3 #12 | THICKENED SLUDGE PUMP # 2 VFD | THICKENED SLUDGE PUMP # 2 | REPLACE EXST WIRING |
| P203 | 1 1/2" | 3 #10 | DISTRIBUTION PANEL 5 | SCREW PRESS CONTROL PANEL | |
| P203A | 1 1/2" | 3 #10 | SCREW PRESS CONTROL PANEL | SCREW PRESS MOTOR | |
| P203-2 | 3/4" | 2 #12 & 1 #12G | SCREW PRESS CONTROL PANEL | SCREW PRESS PRESSURE TRANSMITTER | POWER |
| P203-3 | 3/4" | 2 #12 & 1 #12G | SCREW PRESS CONTROL PANEL | SCREW PRESS HEADBOX LEVEL TRANSMITTER | POWER |
| P203-4 | 3/4" | 2 #12 & 1 #12G | SCREW PRESS CONTROL PANEL | AUDIBLE ALARM HORN | POWER |
| P203-5 | 2 #12 & 1 #12G | SCREW PRESS CONTROL PANEL | UPS | | |
| P203-5A | 2 #12 | UPS | PLC | | IN SREW PRESS CONTROL PANEL |
| P203-5B | 2 #12 | UPS | HMI | | IN SREW PRESS CONTROL PANEL |
| P203-6 | 3/4" | 8 #12 & 4#12G | SCREW PRESS CONTROL PANEL | SCREW PRESS SOL VALVES | INCLUDES ONE SPARE |
| P203-7 | 3/4" | 8 #12 & #12G | SCREW PRESS CONTROL PANEL | FLOCCULATION TANK MIXER DISC SWITCH & MOTOR | |

| TAG | CON-DUIT | CABLES | ORIGIN | TERMINATION | REMARKS |
|---------|----------|--|---|---------------------------------------|--------------------------------|
| P204 | 1" | 3#12 | PANELBOARD D | POLYMER UNIT CONTROL PANEL | |
| P206 | 1" | 3 #4 & #4G | DISTRIBUTION PANEL 5 | CAKE PUMP #1 VFD CONTROL PANEL & PUMP | |
| P206A | 1" | 3#8 & #8G | CAKE PUMP #1 VFD CONTROL PANEL | CAKE PUMP #1 & DISCONNECT SWITCH | |
| P206B | 1" | - | CAKE PUMP #1 VFD CONTROL PANEL | CAKE PUMP INJECTION PUMP (FUTURE) | SPARE |
| P207 | 1" | 8 #12 & 4#12G | CAKE PUMP #1 VFD CONTROL PANEL | BRIDGE BREAKER MOTORS | POWER |
| P207-1 | 1" | MFG CABLE | CAKE PUMP #1 VFD CONTROL PANEL | LOAD CELLS | POWER |
| P208 | 1 1/4" | 16 #12 & 8 #12 | PANEL DE | LOAD OUT AREA SOVs | POWER |
| P209 | 1" | - | WEST END OF BUILDING | EAST END OF BUILDING | SPARE |
| P209-1 | 1" | - | WEST END OF BUILDING | EAST END OF BUILDING | SPARE |
| C201 | 1" | 10 #16TSP + 2 SPARES | THICKENED SLUDGE PUMP # 1 VFD CONTROL PANEL | SCREW PRESS PLC | |
| C202 | 1" | 10 #16TSP + 2 SPARES | THICKENED SLUDGE PUMP # 2 VFD CONTROL PANEL | SCREW PRESS PLC | |
| C203 | 3/4" | 9 #18TSP + 2 SPARES | SCREW PRESS MOTOR | SCREW PRESS CONTROL PANEL | |
| C203-1 | 3/4" | 1 #16TSP | THICKENED SLUDGE PUMPS FLOW METER | SCREW PRESS PLC | |
| C203-2 | 3/4" | MFG CABLE | SCREW PRESS PRESSURE TRANSMITTER | SCREW PRESS PLC | |
| C203-3 | 3/4" | MFG CABLE | SCREW PRESS HEADBOX LEVEL TRANSMITTER | SCREW PRESS PLC | |
| C203-6 | 3/4" | 6 #16TSP + 2 SPARES | SCREW PRESS SOL VALVES | SCREW PRESS PLC | |
| C203-7 | 3/4" | MFG CABLE | FLOC TANK LEVEL TRANSMITTER | SCREW PRESS PLC | |
| C203-8 | 1" | 16 #16TSP + 4 SPARES | LOAD-OUT SOVs | SCREW PRESS PLC | |
| C-203-4 | 3/4" | #18TSP | AUDIBLE HORN | SCREW PRESS PLC | GENERAL SYSTEM ALARM |
| C204 | 1" | (2) 6 STRAND FO CABLES | EX SLUDGE PRESS BLDG | PRESS/LOAD-OUT BLDG | SEE NOTE 1 |
| C204-1 | 2" | - | EX SLUDGE PRESS BLDG | PRESS/LOAD-OUT BLDG | SPARE |
| C204-2 | 2" | (2) 6 STRAND FO CABLES + 27 #14TSP + 2 #14TSP SPARES | EX RAS/WAS BLDG | CONTROL BOX | SEE NOTE 1 |
| C205-1 | 3/4" | 8 #16TSP + 2 SPARES | PBU CONTROL PANEL | SCREW PRESS PLC | |
| C206 | 3/4" | 10 #18TSP + 2 SPARES | CAKE PUMP | CAKE PUMP VFD CONTROL PANEL | SIGNAL |
| C206-1 | 1" | 10 #18TSP + 2 SPARES | CAKE PUMP VFD CONTROL PANEL | SCREW PRESS PLC | |
| C207 | 3/4" | 10 #18TSP + 2 SPARES | THICKENED SLUDGE PUMP # 1 VFD CONTROL PANEL | THICKENED SLUDGE PUMP # 1 | PRESSURE & TEMPERATURE & SPEED |
| C208 | 3/4" | 10 #18TSP + 2 SPARES | THICKENED SLUDGE PUMP # 2 VFD CONTROL PANEL | THICKENED SLUDGE PUMP # 2 | PRESSURE & TEMPERATURE & SPEED |
| C209 | 1" | - | WEST END OF BUILDING | EAST END OF BUILDING | SPARE |
| C209-1 | 1" | - | WEST END OF BUILDING | EAST END OF BUILDING | SPARE |
| C210 | 3/4" | CAT6 | CAMERA | CAMERA CONTROL BOX | SIGNAL |
| C211 | 2" | CAT6 | CONTROL B | SCREW PRESS CONTROL PANEL | PRESS/LOAD OUT BLDG. |

NOTES:
1. TERMINATE THE FIBER OPTIC CABLES IN THE CONTROL BOXES INSIDE THE BUILDINGS AND TEST PER CONTRACT DOCUMENTS.

BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY



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SONOMA VALLEY COUNTY
SANITATION DISTRICT

SCALE: AS SHOWN
DATE: 10/30/2012
DRAWN: ADF
REVIEWED: [Signatures]

SVCSD BIOSOLIDS MANAGEMENT UPGRADE
CONDUIT & CABLE SCHEDULE

FILE NAME: 4051_E06-10
CONTRACT NUMBER: 70-712-7#2
DRAWING NUMBER: E-08
SHEET 36 OF 49

| | | | | | | | | | | | | | | | | | |
|----------|--|--------------------|--|--|--|--|--|--|--------------|--|--------|--|--|--|--|--|--|
| LOCATION | | Press/Loadout Bldg | | | | | | | Panelboard # | | 5 | | | | | | |
| Voltage | | 480 | | | | | | | Main Amp | | 100 | | | | | | |
| Phase | | 3 | | | | | | | AIC Rating | | 42,000 | | | | | | |
| Wire | | 4 | | | | | | | | | | | | | | | |

| No. | Load | A (VA) | B (VA) | C (VA) | LTG | REC | CB | POLE | No. | Load | A (VA) | B (VA) | C (VA) | LTG | REC | CB | POLE | |
|-----------------|-----------|--------|--------|--------|-----|-----|-----|------|-----------------|----------------|--------|--------|--------|------|-----|----|------|--|
| 1 | MAIN | | | | | | 100 | 3 | 2 | SCREW PRESS | 3033 | | | | | 20 | 3 | |
| 3 | | | | | | | | | 4 | | | | 3033 | | | | | |
| 5 | | | | | | | | | 6 | | | | | 3033 | | | | |
| 7 | CAKE PUMP | 11073 | | | | | 70 | 3 | 8 | TRANSFORMER T8 | 8780 | | | | | 60 | 2 | |
| 9 | | | 11073 | | | | | | 10 | | | | 8780 | | | | | |
| 11 | FLOC TANK | | | 11073 | | | | | 12 | | | | | | | | | |
| 13 | | 337 | | | | | 15 | 3 | 14 | | | | | | | | | |
| 15 | | | 337 | | | | | | 16 | | | | | | | | | |
| 17 | | | | 337 | | | | | 18 | | | | | | | | | |
| 19 | | | | | | | | | 20 | | | | | | | | | |
| 21 | | | | | | | | | 22 | | | | | | | | | |
| 23 | | | | | | | | | 24 | | | | | | | | | |
| 25 | | | | | | | | | 26 | | | | | | | | | |
| 27 | | | | | | | | | 28 | | | | | | | | | |
| 29 | | | | | | | | | 30 | | | | | | | | | |
| Subtotal | | 11410 | 11410 | 11410 | | | | | Subtotal | | 11813 | 10453 | 3033 | | | | | |

| | | | | | | | | | | | | | | | | | |
|----------------------------------|--|-------|--|--|--|--|--|--|-----------------------------|--|----------|--|--|--|--|--|--|
| Total load per phase (VA) | | | | | | | | | Total Connected Load | | 59530 VA | | | | | | |
| A-Phase | | 23223 | | | | | | | Amps per Phase | | 72 | | | | | | |
| B-Phase | | 21863 | | | | | | | | | | | | | | | |
| C-Phase | | 14443 | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|----------|--|--------------------|--|--|--|--|--|--|---------------|--|--------|--|--|--|--|--|--|
| LOCATION | | Press/Loadout Bldg | | | | | | | Panelboard DE | | | | | | | | |
| Voltage | | 240 | | | | | | | Main Amp | | 60 | | | | | | |
| Phase | | 1 | | | | | | | AIC Rating | | 10,000 | | | | | | |
| Wire | | 4 | | | | | | | | | | | | | | | |

| No. | Load | A (VA) | B (VA) | LTG | REC | CB | POLE | No. | Load | A (VA) | B (VA) | LTG | REC | CB | POLE |
|-----------------|-------------------|--------|--------|-----|-----|----|------|-----------------|---------------|--------|--------|-----|-----|----|------|
| 1 | INDOOR LIGHTS | 4400 | | X | | 20 | 1 | 2 | EXHAUST FAN | | 1500 | | X | 20 | 1 |
| 3 | AREA POLE LIGHTS | | 4400 | X | | 30 | 1 | 4 | UPS | 1500 | | X | 20 | 1 | |
| 5 | EMERGENCY LIGHTS | | | X | | 20 | 1 | 6 | INDOOR PLUGS | | 1920 | | X | 20 | 1 |
| 7 | AREA POLE LIGHTS | 960 | | X | | 20 | 1 | 8 | OUTDOOR PLUGS | 1920 | | | X | 20 | 1 |
| 9 | LOADOUT SV (EAST) | | | | | 20 | 1 | 10 | AUDIBLE HORN | | | | | 20 | 1 |
| 11 | LOADOUT SV (WEST) | | | | | 20 | 1 | 12 | CAMERAS | | | | | 20 | 1 |
| 13 | SPARE | | | | | 20 | 1 | 14 | CAMERAS | | | | | 20 | 1 |
| 15 | SPARE | | | | | 20 | 1 | 16 | SPARE | | | | | 20 | 1 |
| 17 | SPARE | | | | | 20 | 1 | 18 | SPARE | | | | | 20 | 1 |
| Subtotal | | 5360 | 4000 | | | | | Subtotal | | 3420 | 3420 | | | | |

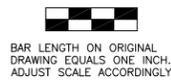
| | | | | | | | | | | | | | | | | | |
|----------------------------------|--|------|--|--|--|--|--|--|-----------------------------|--|----------|--|--|--|--|--|--|
| Total load per phase (VA) | | | | | | | | | Total Connected Load | | 16200 VA | | | | | | |
| A-Phase | | 8780 | | | | | | | Amps per Phase | | 68 | | | | | | |
| B-Phase | | 7420 | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|----------|--|----------------|--|--|--|--|--|--|--------------|--|--------|--|--|--|--|--|--|
| LOCATION | | Ex Sludge Bldg | | | | | | | Panelboard D | | | | | | | | |
| Voltage | | 240 | | | | | | | Main Amp | | 80 | | | | | | |
| Phase | | 1 | | | | | | | AIC Rating | | 10,000 | | | | | | |
| Wire | | 4 | | | | | | | | | | | | | | | |

| No. | Load | A (VA) | C (VA) | LTG | REC | CB | POLE | No. | Load | A (VA) | C (VA) | LTG | REC | CB | POLE |
|-----------------|---------------------------------------|--------|--------|-----|-----|----|------|-----------------|------------------------|--------|--------|-----|-----|----|------|
| 1 | CEILING LIGHTS UPSTAIRS | 1536 | | X | | 20 | 1 | 2 | ROOF EXHAUST FAN | | 960 | | X | 20 | 1 |
| 3 | CEILING LIGHTS UPSTAIRS | | 256 | X | | 20 | 1 | 4 | EXHAUST FAN DOWNSTAIRS | | 960 | | X | 20 | 1 |
| 5 | DOWNSTAIRS HIGH BAY LIGHTS (DRY WELL) | 300 | | X | | 20 | 1 | 6 | PLUGS DOWNSTAIRS | 360 | | | X | 20 | 1 |
| 7 | DOWNSTAIRS LIGHTS (DRY WELL) | 300 | | X | | 20 | 1 | 8 | PLUGS UPSTAIRS | 360 | | | X | 20 | 1 |
| 9 | WET WELL LIGHTS | 300 | | X | | 20 | 1 | 10 | SUMP PUMP | | 360 | | X | 20 | 1 |
| 11 | LOADING DOCK LIGHTS | 160 | | X | | 20 | 1 | 12 | SPARE | | | | | | 1 |
| 13 | EMERGENCY LIGHTS | 160 | | X | | 20 | 1 | 14 | SPARE | | | | | | 1 |
| 15 | OUTDOOR LIGHTS | 250 | | X | | 20 | 1 | 16 | WATER HEATER | | 4500 | | X | 40 | 2 |
| 17 | FLOW METER | | 200 | | | 20 | 1 | 18 | | | 4500 | | | X | |
| 19 | LIGHTING CONTROL PANEL | 120 | | | X | 20 | 1 | 20 | ELECTRIC HOIST | 324 | | | x | 20 | 1 |
| 21 | WALL HEATER 1 (FUTURE) | | 1500 | | X | 20 | 1 | 22 | SITE LIGHT | | | | | 20 | 1 |
| 23 | WALL HEATER 2 (FUTURE) | | 1500 | | X | 20 | 1 | 24 | | | | | | | |
| 25 | WALL HEATER 3 (FUTURE) | 1500 | | | X | 20 | 1 | 26 | SPARE | | | | | 20 | 1 |
| 27 | CAMERA | | | | | 20 | 1 | 28 | SPARE | | | | | 20 | 1 |
| 29 | POLYMER BLENDING UNIT | | | | | 35 | 1 | 30 | SPARE | | | | | 20 | 1 |
| Subtotal | | 4626 | 3456 | | | | | Subtotal | | 55444 | 6780 | | | | |

| | | | | | | | | | | | | | | | | | |
|----------------------------------|--|-------|--|--|--|--|--|--|-----------------------------|--|----------|--|--|--|--|--|--|
| Total load per phase (VA) | | | | | | | | | Total Connected Load | | 20406 VA | | | | | | |
| A-Phase | | 10170 | | | | | | | Amps per Phase | | 85 | | | | | | |
| C-Phase | | 10236 | | | | | | | | | | | | | | | |

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| NO. | DATE | REVISION | BY |
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | AH |

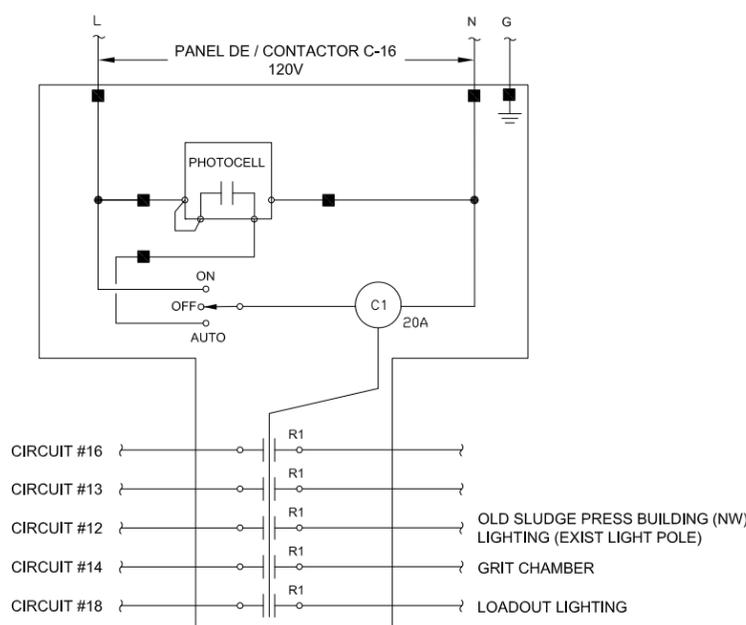
SONOMA VALLEY COUNTY
SANITATION DISTRICT

| | |
|-------------|--------------|
| SCALE: | DATE: |
| AS SHOWN | 10/30/2012 |
| DRAWN: | |
| ADF | |
| REVIEWED: | |
| <i>Kent</i> | <i>Gyffe</i> |

| | |
|--|----------------------|
| SVCSO BIOSOLIDS MANAGEMENT UPGRADE | |
| DISTRIBUTION PANELS AND SITE LIGHTING SCHEDULE | |
| FILE NAME: 4051_E06-10 | DRAWING NUMBER: E-09 |
| CONTRACT NUMBER: 70-712-7#2 | SHEET 37 OF 49 |

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| LOCATION | | Ex Sludge Bldg | | | | | | | Panelboard # | | 4 | | | | | | | |
|----------------------------------|-------------------------|----------------------|--------|----------------------|-------|----------------------|-----|------|-----------------|------------------|---------------------------------------|---------------------------|--------|-----|-----|----|------|--|
| Voltage | | 480 | | | | | | | Main Amp | | 200 | | | | | | | |
| Phase | | 3 | | | | | | | AIC Rating | | 42,000 | | | | | | | |
| Conductors | | 4 | | | | | | | | | | | | | | | | |
| No. | Load | A (VA) | B (VA) | C (VA) | LTG | REC | CB | POLE | No. | Load | A (VA) | B (VA) | C (VA) | LTG | REC | CB | POLE | |
| 1 | MAIN | | | | | | 200 | 3 | 2 | BELT PRESS | | | | | | 60 | 3 | |
| 3 | | | | | | | | | 4 | | | | | | | | | |
| 5 | | | | | | | | | 6 | | | | | | | | | |
| 7 | PANEL 5 | 39433 | | | | | 100 | 3 | 8 | TRANSFORMER T7 | 10170 | | | | | 80 | 2 | |
| 9 | | | 39433 | | | | | | 10 | | | | 10236 | | | | | |
| 11 | | | | | 14443 | | | | 12 | | | | | | | | | |
| 13 | THICKENED SLUDGE PUMP 1 | 2103 | | | | | 15 | 3 | 14 | AREA LITES | | | | x | | 20 | 3 | |
| 15 | | | 2103 | | | | | | 16 | | | | | x | | | | |
| 17 | | | | | 2103 | | | | 18 | | | | | | x | | | |
| 19 | THICKENED SLUDGE PUMP 2 | 2103 | | | | | 15 | 3 | 20 | SPARE | | | | x | | 15 | 3 | |
| 21 | | | 2103 | | | | | | 22 | | | | | x | | | | |
| 23 | | | | | 2103 | | | | 24 | | | | | | x | | | |
| 25 | SPARE | | | | | | 15 | 3 | 26 | SLUDGE THICKENER | 443 | | | | | 15 | 3 | |
| 27 | | | | | | | | | 28 | | | 443 | | | | | | |
| 29 | | | | | | | | | 30 | | | | 443 | | | | | |
| Subtotal | | 43639 | 43639 | 18650 | | | | | Subtotal | | 10613 | 443 | 10679 | | | | | |
| Total load per phase (VA) | | | | | | | | | | | Total Connected Load 129015 VA | | | | | | | |
| | | A-Phase 54706 | | | | | | | | | | Amps per Phase 155 | | | | | | |
| | | | | B-Phase 44536 | | | | | | | | | | | | | | |
| | | | | | | C-Phase 29772 | | | | | | | | | | | | |



EXTERIOR CONTROL PANEL, NEMA 12, WALL MOUNT IN OLD SLUDGE BUILDING. SEE E-05 AND CONTRACT SPECIFICATIONS.
SITE LIGHTING CONTROL DIAGRAM
 NTS

| FIXTURE SCHEDULE | | | | | |
|------------------|---|---------|------------------------|-----------------------|---|
| TYPE | DESCRIPTION/MFG AND MODEL | VOLTAGE | NO. LAMPS/LAMP TYPE | MOUNTING | REMARKS |
| A | PENDENT MOUNTED FLUORESCENT/LITHONIA VSL-2-32-120-GEB (OR APPROVED EQUAL) | 120 | 2-32W T8 FLUORESCENT | PENDENT/STRUCTURE | NOT USED |
| B | INDUSTRIAL FLUORESCENT/HOLOPHANE HB24 3 54T5HO N1X20 NLWG MVOLT 1/3 GE 10PS LP 841 | 120 | 3-54 T5HO FLUORESCENT | CEILING SURFACE MOUNT | CORROSION RESISTANT AND MOUNT APPROX. 10'-0" ABOVE FINISHED FLOOR |
| C | DARK BRONZE WALLPAK/RAB WPLED52 (OR APPROVED EQUAL) | 120 | 1-52 LED WATTS LAMP | WALL/CAOPY | WET LOCATION |
| D | HI BAY, METAL HALIDE/LITHONIA TFL-100S-TA2-120-LP1 (OR APPROVED EQUAL) | 120 | 1-400W LAMP | CEILING SURFACE MOUNT | 18' MOUNTING HEIGHT IN EXIST DRY WELL |
| E | SELF-LUMINOUS EXIT LIGHT WITH TRITIUM FILL GAS TUBES/LITHONIA DS1R20AA (SINGLE FACE); LITHONIA DS2R20AA (DOUBLE FACE) (OR APPROVED EQUAL) | - | TRITIUM FILL GAS TUBES | TOP (CEILING) | NOT USED |
| F | EMERGENCY LIGHT/LITHONIA ELU3X-WL-H1212 (OR APPROVED EQUAL) | 120 | 2-12W, 12V HALOGEN | WALL | |
| H | HIGH PRESSURE AREA LIGHTING RAB ALED13 (OR APPROVED EQUAL) | 240 | 1-13 LED WATTS LAMP | 10'-0" POLE | SINGLE FIXTURE |
| I | HIGH PRESSURE AREA LIGHTING RAB ALED13 (OR APPROVED EQUAL) | 240 | 1-13 LED WATTS LAMP | 10'-0" POLE | DUAL FIXTURE |

BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY



| NO. | DATE | REVISION | BY |
|-----|-------------|----------------|----|
| 1 | 17 JAN 2013 | ADDENDUM NO. 4 | AH |
| 2 | 3 JAN 2013 | ADDENDUM NO. 3 | AH |

SONOMA VALLEY COUNTY SANITATION DISTRICT

SCALE: AS SHOWN DATE: 10/30/2012
 DRAWN: ADF
 REVIEWED: *Kent Gylfe*

SVCSD BIOSOLIDS MANAGEMENT UPGRADE
PANELBOARD AND LIGHTING FIXTURE SCHEDULE
 FILE NAME: 4051_E06-10
 CONTRACT NUMBER: 70-712-7#2
 DRAWING NUMBER: E-10
 SHEET 38 OF 49